

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129485.D
 Acq On : 01 Aug 2022 21:31
 Operator : CG\JU
 Sample : N3976-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MSD

Quant Time: Aug 02 01:18:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	173049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	658765	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	298830	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	393587	20.000	ng	0.00
76) Chrysene-d12	14.051	240	315213	20.000	ng	0.00
86) Perylene-d12	15.533	264	366711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1155901	108.811	ng	0.02
7) Phenol-d6	6.528	99	1469584	110.060	ng	0.00
23) Nitrobenzene-d5	7.445	82	912779	75.637	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260361	90.623	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1504281	77.872	ng	0.00
79) Terphenyl-d14	12.986	244	990696	59.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	206590	43.103	ng	90
3) Pyridine	3.498	79	556262	41.792	ng	91
4) n-Nitrosodimethylamine	3.451	42	284883	48.741	ng	94
6) Aniline	6.545	93	610237	36.763	ng	# 60
8) 2-Chlorophenol	6.669	128	581945	50.142	ng	99
9) Benzaldehyde	6.434	77	420260	46.347	ng	98
10) Phenol	6.539	94	664886m	46.760	ng	
11) bis(2-Chloroethyl)ether	6.610	93	554484	49.171	ng	94
12) 1,3-Dichlorobenzene	6.816	146	609923	49.000	ng	99
13) 1,4-Dichlorobenzene	6.892	146	612611	48.393	ng	99
14) 1,2-Dichlorobenzene	7.045	146	589685	50.679	ng	98
15) Benzyl Alcohol	7.028	79	484621	50.043	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	757211	44.671	ng	49
17) 2-Methylphenol	7.145	107	436097	45.294	ng	# 89
18) Hexachloroethane	7.386	117	233811	49.052	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	384862	47.611	ng	93
20) 3+4-Methylphenols	7.298	107	544780	44.501	ng	# 82
22) Acetophenone	7.286	105	768565	50.111	ng	99
24) Nitrobenzene	7.463	77	590434	47.512	ng	96
25) Isophorone	7.698	82	1042572	48.197	ng	100
26) 2-Nitrophenol	7.775	139	297338	48.501	ng	98
27) 2,4-Dimethylphenol	7.822	122	489767m	53.259	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	657383	52.387	ng	99
29) 2,4-Dichlorophenol	8.028	162	438298	46.178	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	462744	47.101	ng	96
31) Naphthalene	8.181	128	1575066	47.060	ng	100
32) Benzoic acid	7.916	122	70998	10.680	ng	96
33) 4-Chloroaniline	8.233	127	328016	23.871	ng	95
34) Hexachlorobutadiene	8.292	225	279690	50.083	ng	99
35) Caprolactam	8.610	113	109277m	35.413	ng	
36) 4-Chloro-3-methylphenol	8.728	107	436342	43.344	ng	90
37) 2-Methylnaphthalene	8.875	142	999280	45.943	ng	99
38) 1-Methylnaphthalene	8.975	142	929195	44.255	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	429751	54.769	ng	98
41) Hexachlorocyclopentadiene	9.022	237	403766	115.559	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	269252	47.245	ng	97

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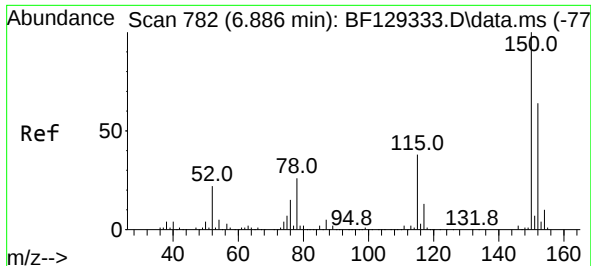
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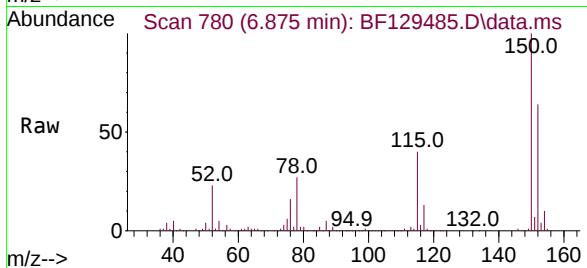
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	269251	43.444	ng	93
46) 1,1'-Biphenyl	9.333	154	1164460	53.395	ng	100
47) 2-Chloronaphthalene	9.363	162	892419	50.619	ng	99
48) 2-Nitroaniline	9.463	65	266100	45.391	ng	93
49) Acenaphthylene	9.780	152	1298006	48.453	ng	99
50) Dimethylphthalate	9.639	163	989017	47.943	ng	99
51) 2,6-Dinitrotoluene	9.704	165	215712	46.719	ng	99
52) Acenaphthene	9.951	154	838097m	47.900	ng	
53) 3-Nitroaniline	9.875	138	162752	29.851	ng	94
54) 2,4-Dinitrophenol	9.980	184	117523	49.859	ng	96
55) Dibenzofuran	10.122	168	1141515	47.327	ng	97
56) 4-Nitrophenol	10.057	139	247370	61.499	ng	99
57) 2,4-Dinitrotoluene	10.110	165	263251	43.645	ng	90
58) Fluorene	10.469	166	859704	44.547	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	177266	37.012	ng	95
60) Diethylphthalate	10.333	149	902318	45.247	ng	99
61) 4-Chlorophenyl-phenylether	10.457	204	398668	46.857	ng	94
62) 4-Nitroaniline	10.492	138	187805	34.723	ng	93
63) Azobenzene	10.616	77	853932	41.983	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	96333	38.778	ng	92
66) n-Nitrosodiphenylamine	10.575	169	719124	54.864	ng	96
67) 4-Bromophenyl-phenylether	10.945	248	239997	55.685	ng	96
68) Hexachlorobenzene	11.010	284	252088	53.982	ng	97
69) Atrazine	11.104	200	208624	52.401	ng	97
70) Pentachlorophenol	11.216	266	153948	60.640	ng	98
71) Phenanthrene	11.427	178	1010864	47.050	ng	99
72) Anthracene	11.480	178	1034619	49.003	ng	100
73) Carbazole	11.639	167	892824	44.922	ng	99
74) Di-n-butylphthalate	11.957	149	1093740	46.210	ng	99
75) Fluoranthene	12.621	202	947122	43.508	ng	99
77) Benzidine	12.745	184	528562	47.466	ng	98
78) Pyrene	12.851	202	969417	36.777	ng	98
80) Butylbenzylphthalate	13.457	149	432855	37.860	ng	98
81) Benzo(a)anthracene	14.039	228	1006359	46.738	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	270582	38.061	ng	# 98
83) Chrysene	14.074	228	939061	46.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	602395	40.021	ng	100
85) Di-n-octyl phthalate	14.627	149	1145941	52.905	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	1104303	44.718	ng	99
88) Benzo(b)fluoranthene	15.098	252	1119750	46.033	ng	99
89) Benzo(k)fluoranthene	15.127	252	1101408	46.204	ng	99
90) Benzo(a)pyrene	15.474	252	998466	50.564	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	953382	47.434	ng	99
92) Benzo(g,h,i)perylene	17.498	276	908609	44.240	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 78
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

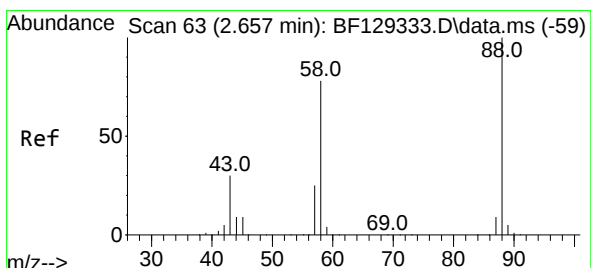
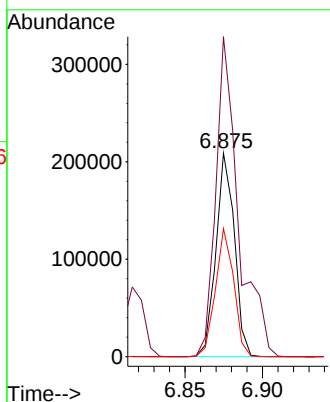
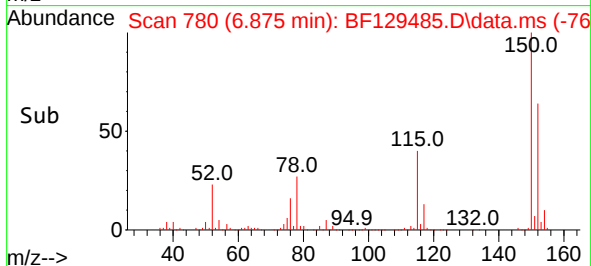
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MSD



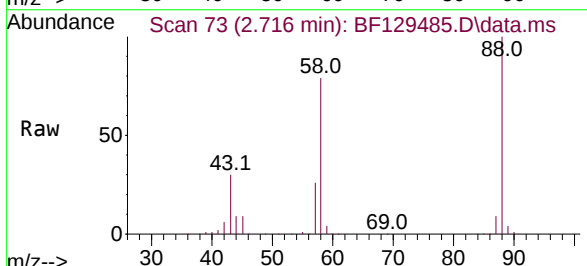
Tgt Ion: 152 Resp: 173049
 Ion Ratio Lower Upper
 152 100
 150 157.3 123.7 185.5
 115 62.9 49.9 74.9

Manual Integrations
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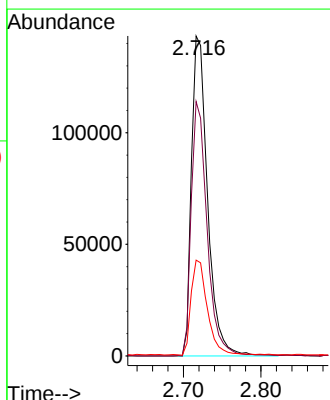
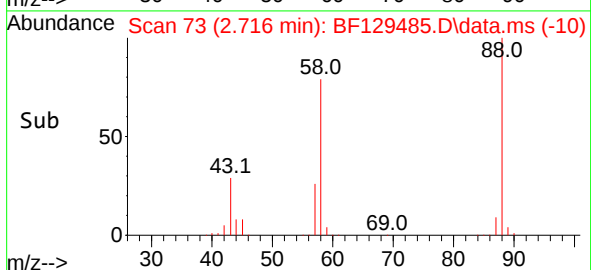
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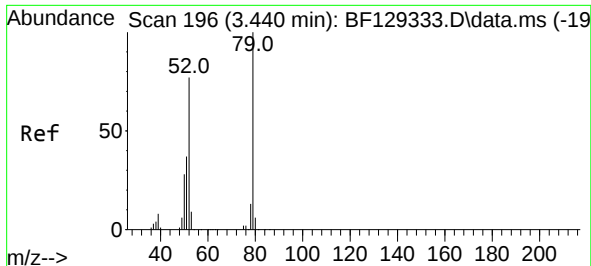


#2
 1,4-Dioxane
 Concen: 43.103 ng
 RT: 2.716 min Scan# 73
 Delta R.T. 0.070 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31



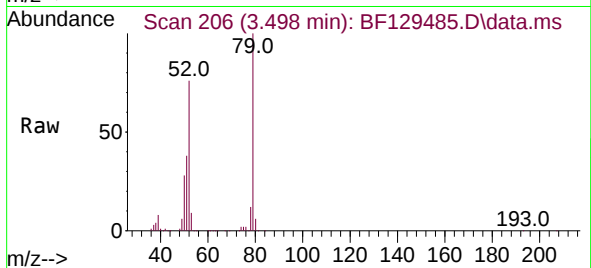
Tgt Ion: 88 Resp: 206590
 Ion Ratio Lower Upper
 88 100
 58 78.5 71.8 107.8
 43 30.0 26.6 39.8





#3
Pyridine
Concen: 41.792 ng
RT: 3.498 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

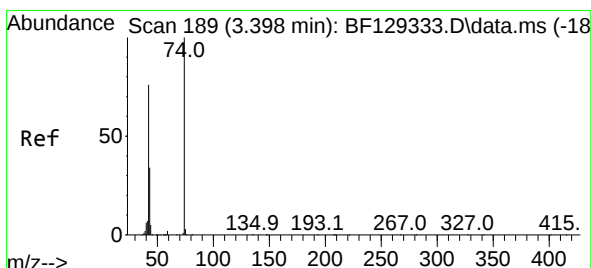
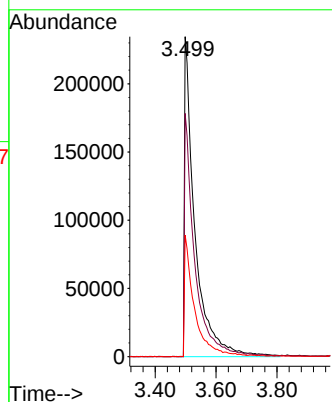
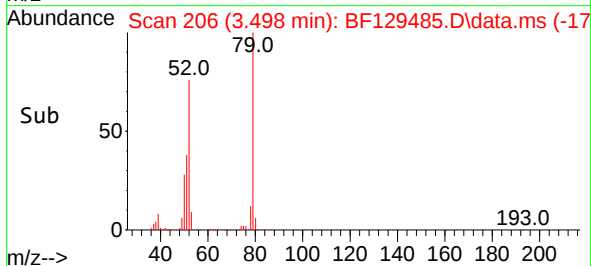
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BNA_F
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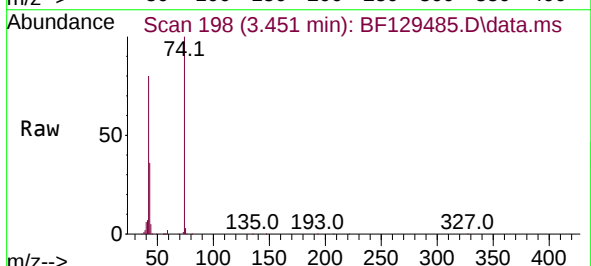
Tgt Ion: 79 Resp: 556262
Ion Ratio Lower Upper
79 100
52 76.0 68.6 102.8
51 38.0 32.9 49.3

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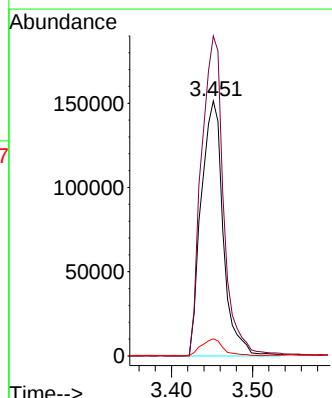
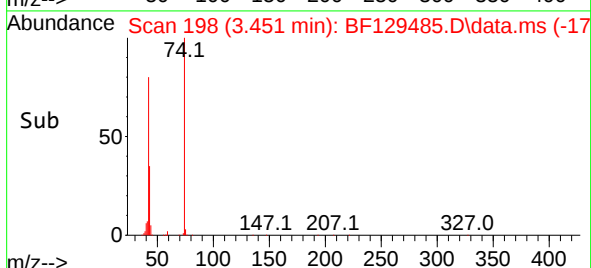
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Supervised By :Jagrut Upadhyay 08/02/2022

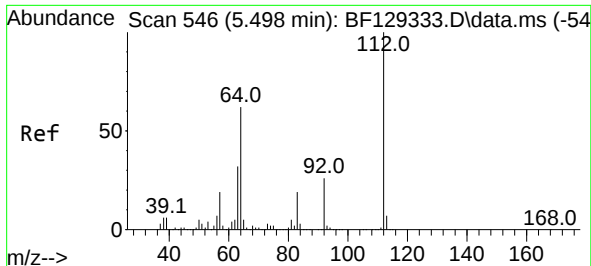


#4
n-Nitrosodimethylamine
Concen: 48.741 ng
RT: 3.451 min Scan# 198
Delta R.T. 0.065 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion: 42 Resp: 284883
Ion Ratio Lower Upper
42 100
74 125.5 94.8 142.2
44 6.7 6.6 10.0





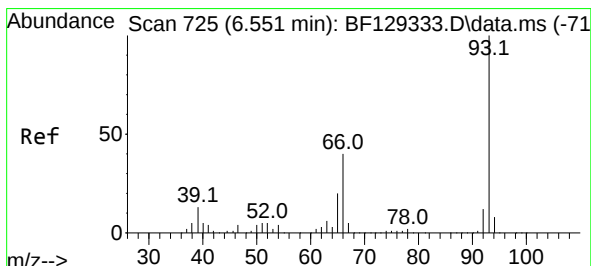
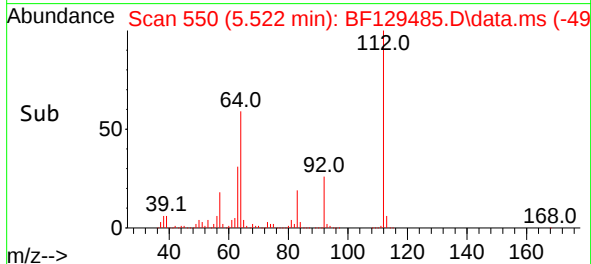
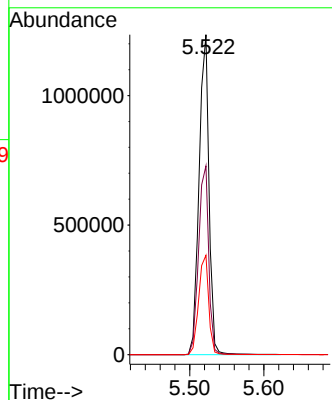
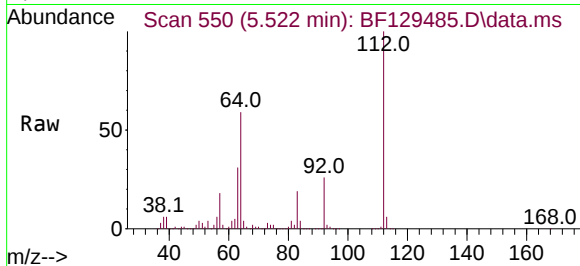
#5
2-Fluorophenol
Concen: 108.811 ng
RT: 5.522 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
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Tgt Ion:112 Resp: 1155901
Ion Ratio Lower Upper
112 100
64 59.0 53.3 79.9
63 31.1 28.0 42.0

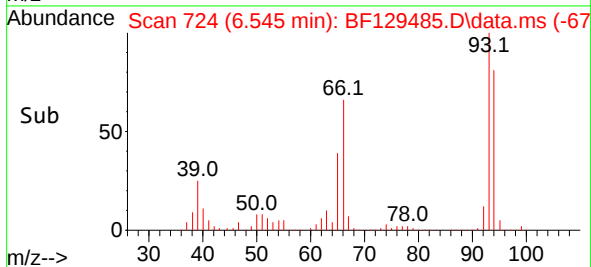
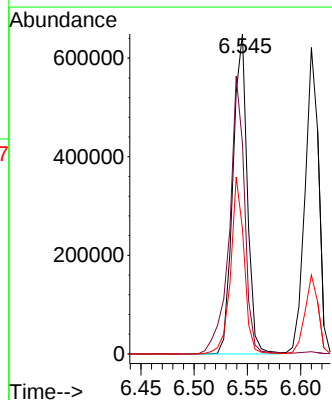
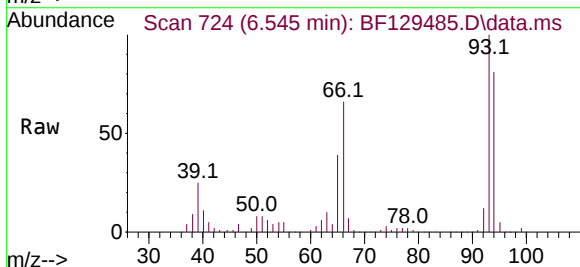
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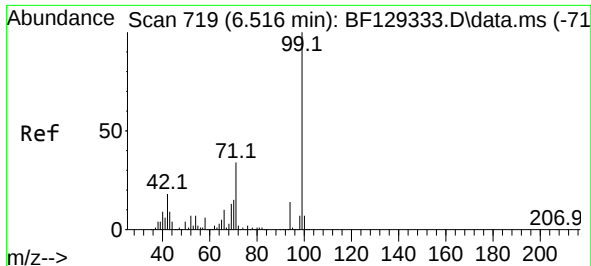
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#6
Aniline
Concen: 36.763 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

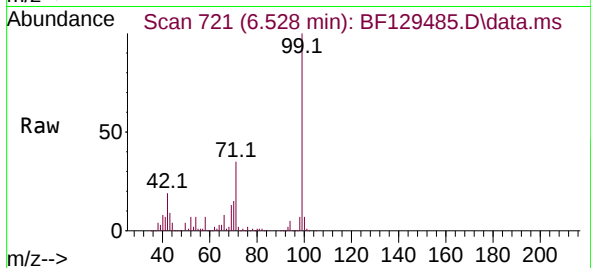
Tgt Ion: 93 Resp: 610237
Ion Ratio Lower Upper
93 100
66 65.8 32.5 48.7#
65 39.1 16.4 24.6#





#7
Phenol-d6
Concen: 110.060 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

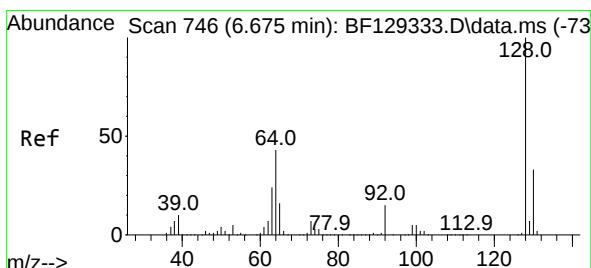
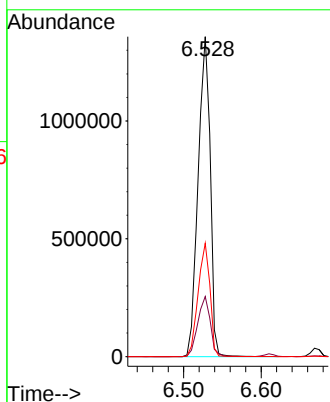
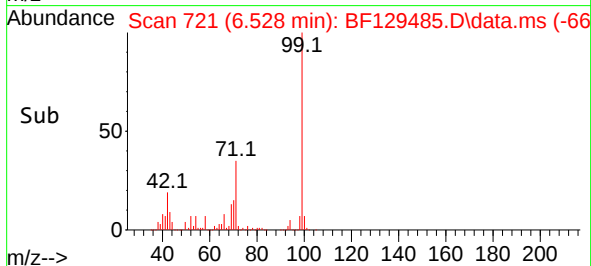
Instrument :
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Tgt Ion: 99 Resp: 1469584
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 35.4 28.9 43.3

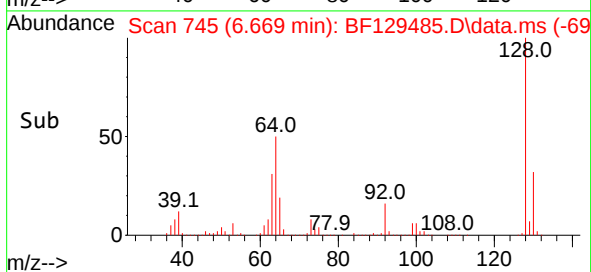
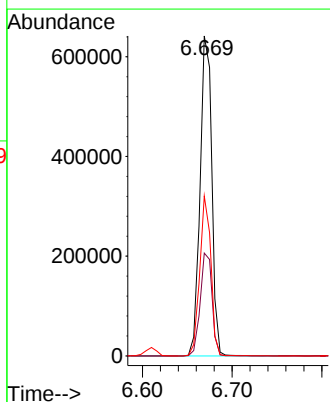
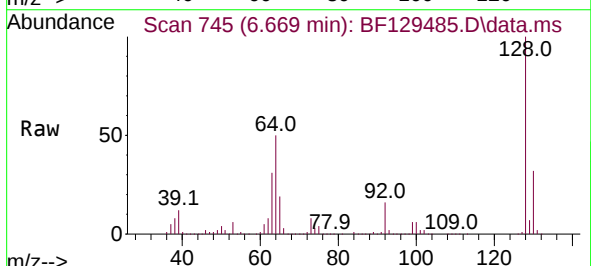
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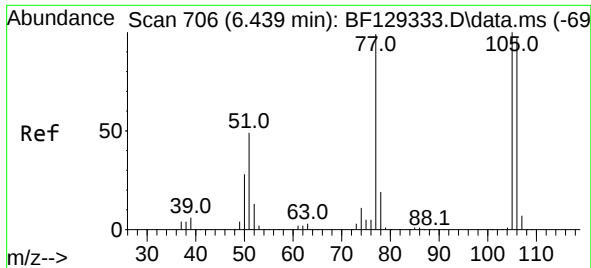
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#8
2-Chlorophenol
Concen: 50.142 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

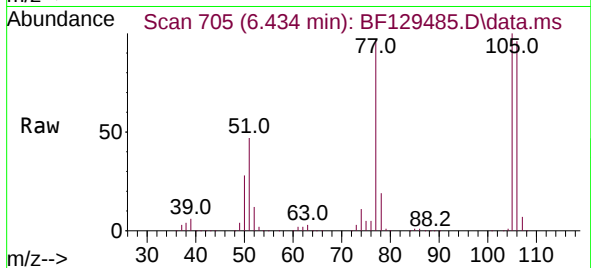
Tgt Ion:128 Resp: 581945
Ion Ratio Lower Upper
128 100
130 32.1 13.1 53.1
64 50.0 30.9 70.9





#9
Benzaldehyde
Concen: 46.347 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

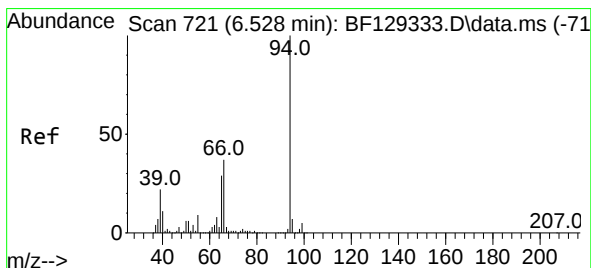
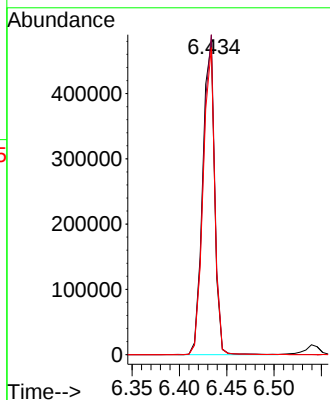
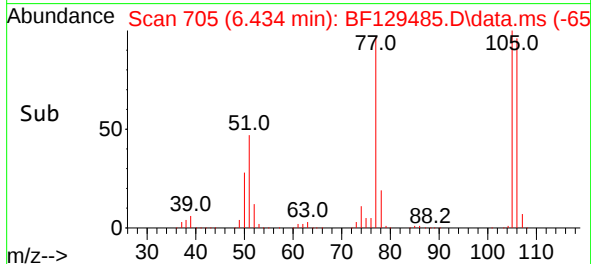
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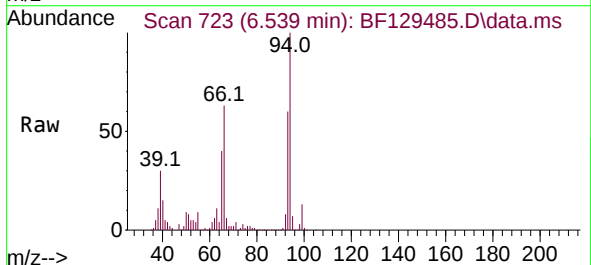
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Ion Ratio Lower Upper
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105 102.7 81.6 121.6
106 98.5 76.1 116.1

Manual Integrations
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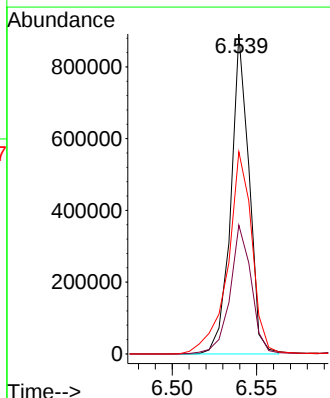
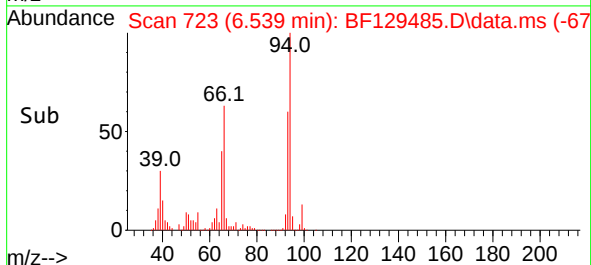
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

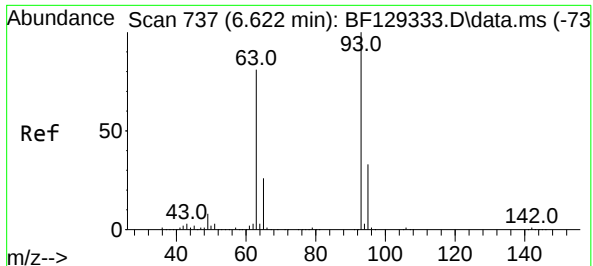


#10
Phenol
Concen: 46.760 ng m
RT: 6.539 min Scan# 723
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion: 94 Resp: 664886
Ion Ratio Lower Upper
94 100
65 40.2 11.4 51.4
66 63.2 21.4 61.4#





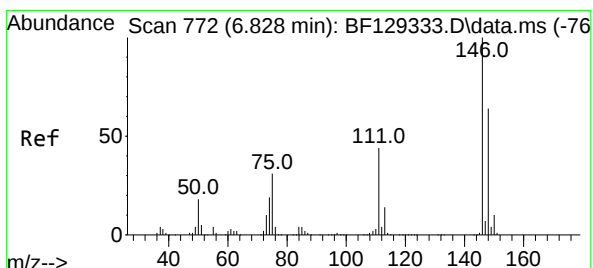
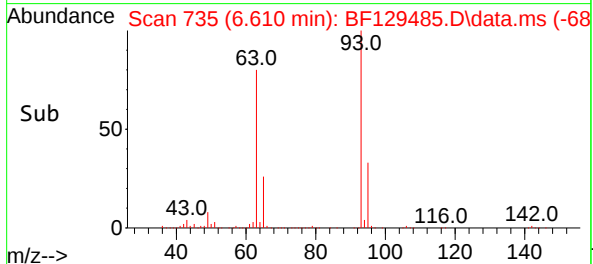
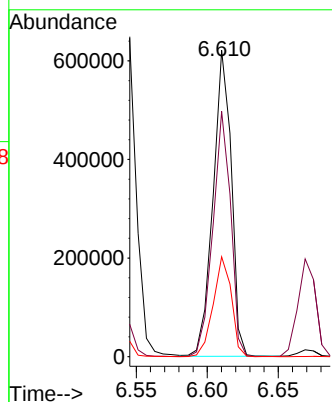
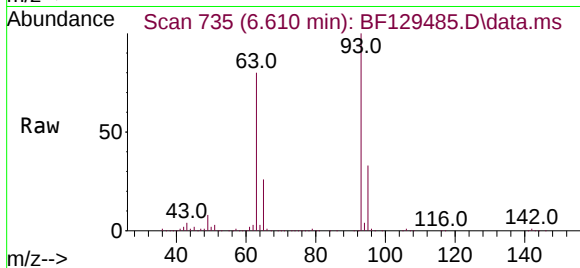
#11
bis(2-Chloroethyl)ether
Concen: 49.171 ng
RT: 6.610 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion: 93 Resp: 554484
Ion Ratio Lower Upper
93 100
63 80.1 67.4 107.4
95 32.6 12.7 52.7

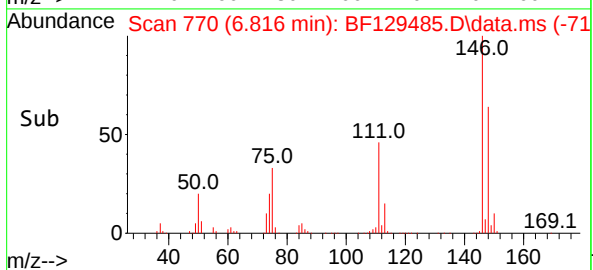
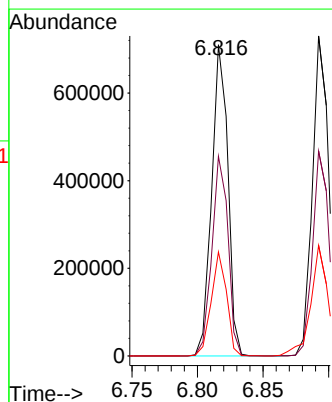
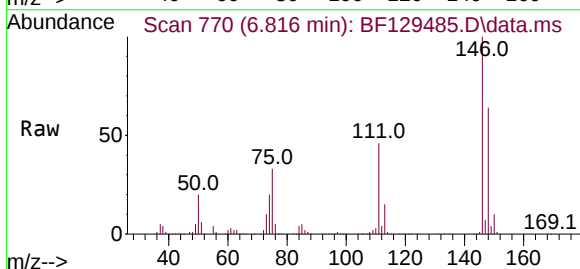
Manual Integrations
APPROVED

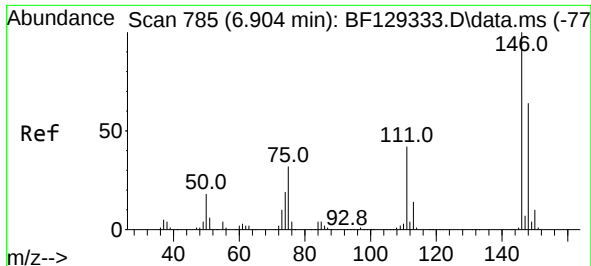
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#12
1,3-Dichlorobenzene
Concen: 49.000 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:146 Resp: 609923
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 33.4 26.3 39.5





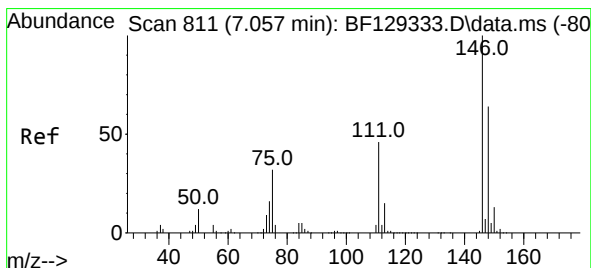
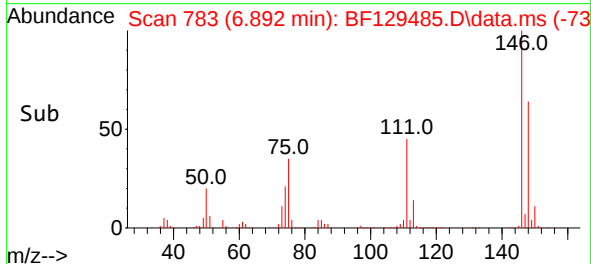
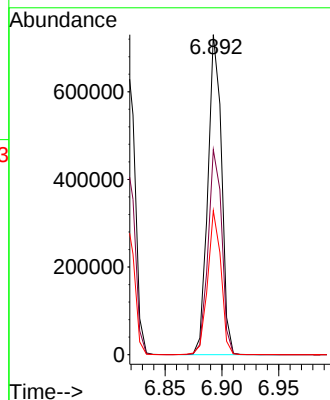
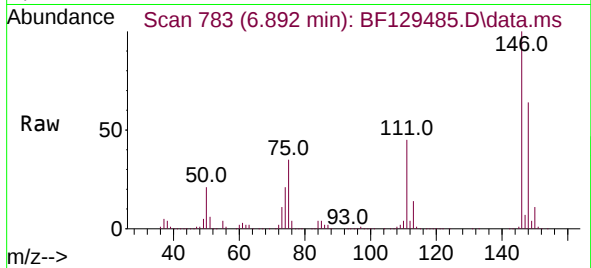
#13
1,4-Dichlorobenzene
Concen: 48.393 ng
RT: 6.892 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion:146 Resp: 61261
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 45.0 34.2 51.4

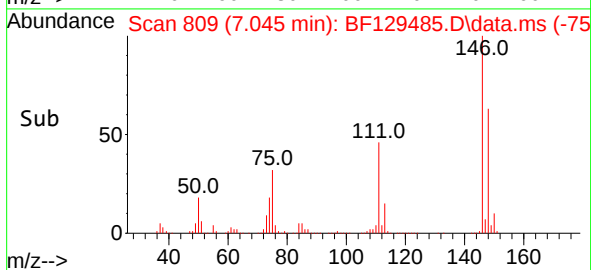
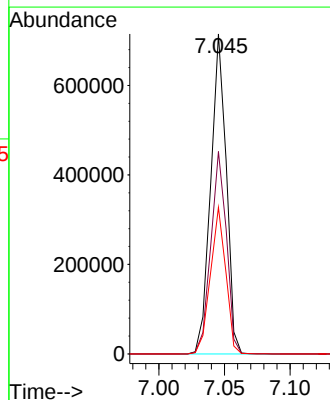
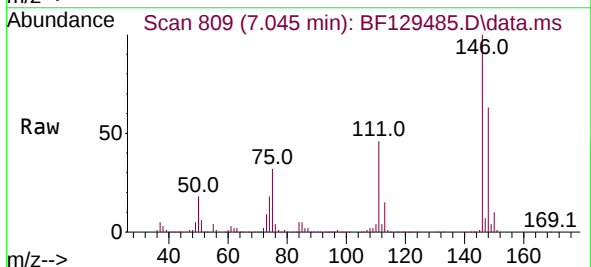
Manual Integrations
APPROVED

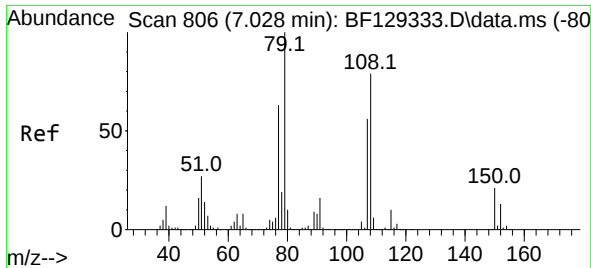
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#14
1,2-Dichlorobenzene
Concen: 50.679 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

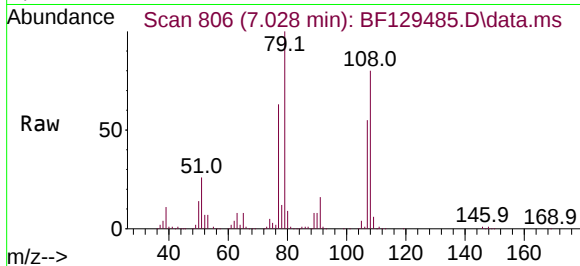
Tgt Ion:146 Resp: 589685
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
111 45.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.043 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

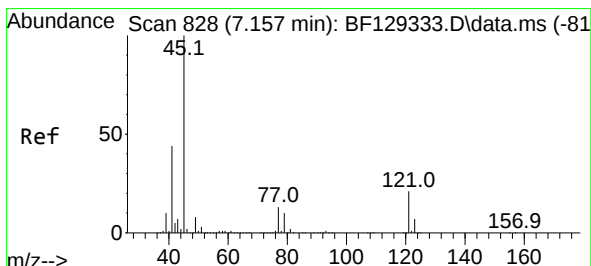
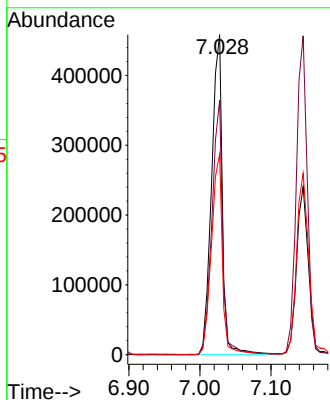
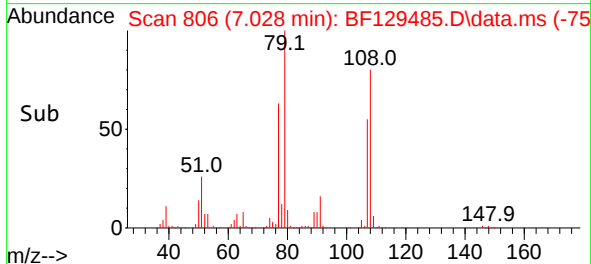
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



Tgt Ion: 79 Resp: 484621
Ion Ratio Lower Upper
79 100
108 79.5 61.8 92.6
77 62.7 50.2 75.4

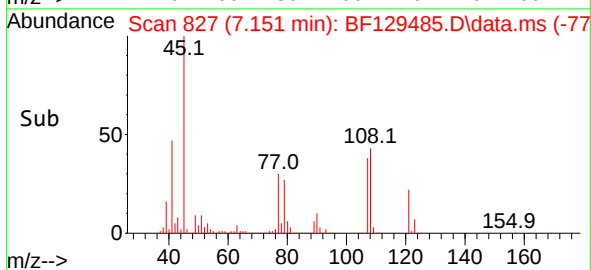
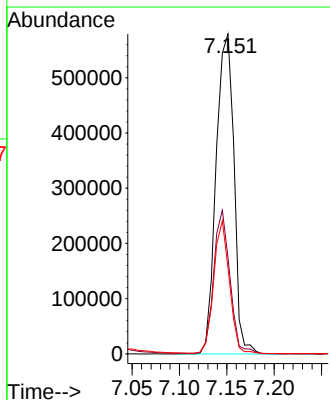
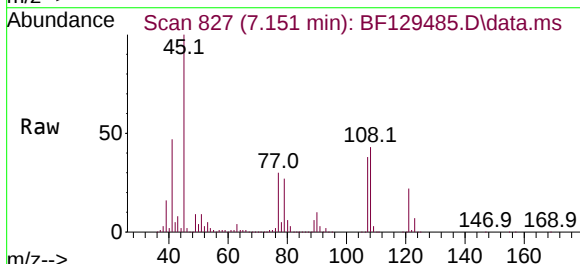
Manual Integrations
APPROVED

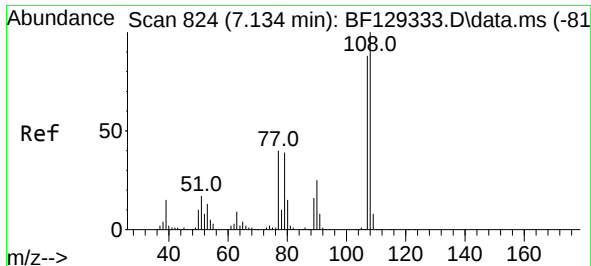
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.671 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

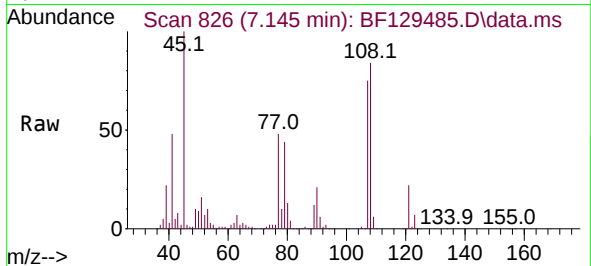
Tgt Ion: 45 Resp: 757211
Ion Ratio Lower Upper
45 100
77 30.2 0.0 31.3
79 27.0 0.0 28.3





#17
2-Methylphenol
Concen: 45.294 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

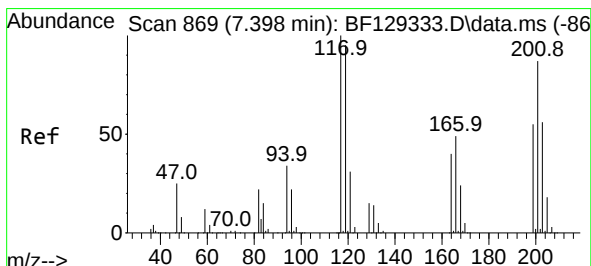
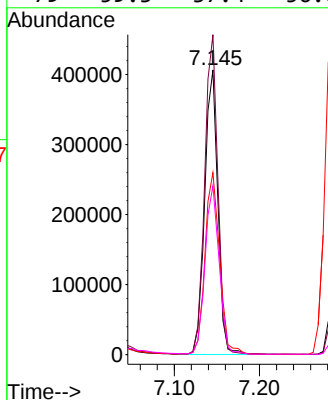
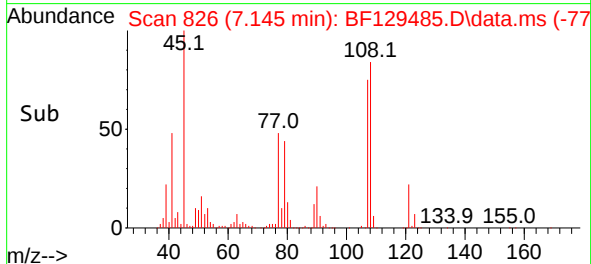
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



Tgt Ion:107 Resp: 436097
Ion Ratio Lower Upper
107 100
108 112.4 91.9 137.9
77 63.9 37.8 56.8
79 59.3 37.4 56.0#

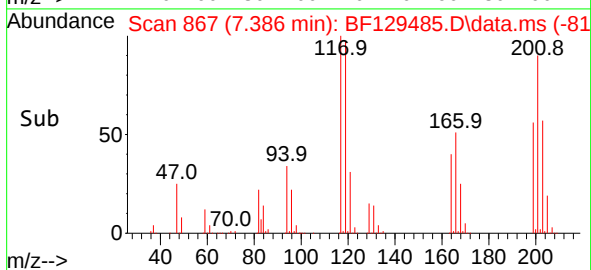
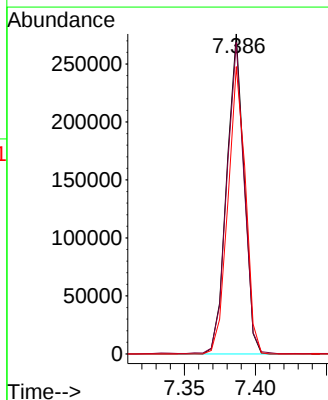
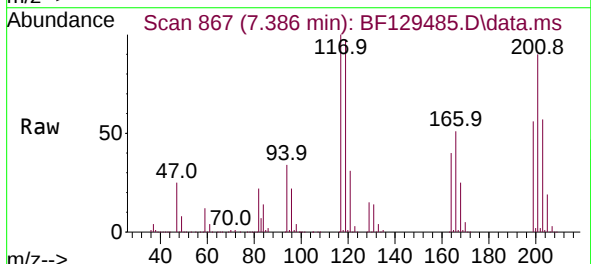
Manual Integrations
APPROVED

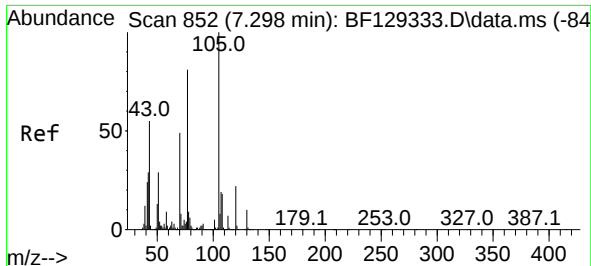
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#18
Hexachloroethane
Concen: 49.052 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

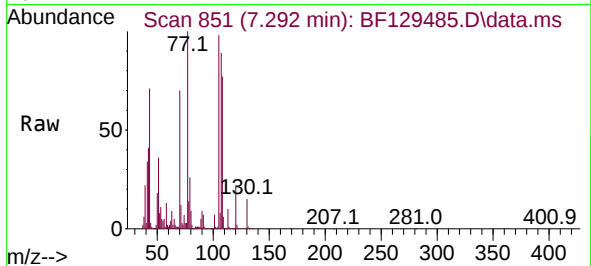
Tgt Ion:117 Resp: 233811
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 89.8 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.611 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

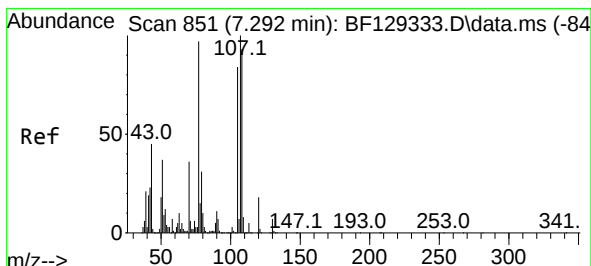
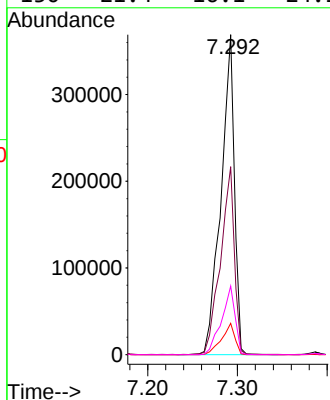
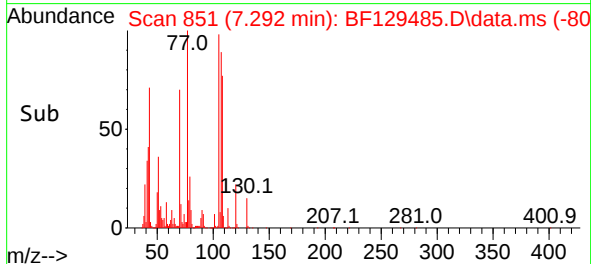
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



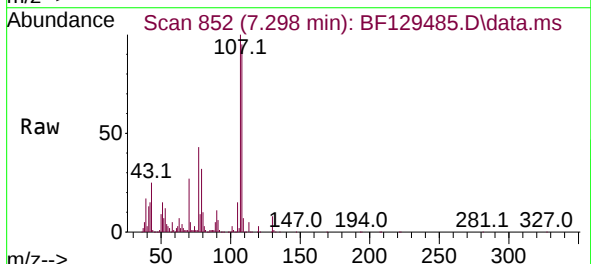
Tgt Ion: 70 Resp: 384862
Ion Ratio Lower Upper
70 100
42 58.7 52.3 78.5
101 9.8 7.5 11.3
130 21.4 16.1 24.1

Manual Integrations
APPROVED

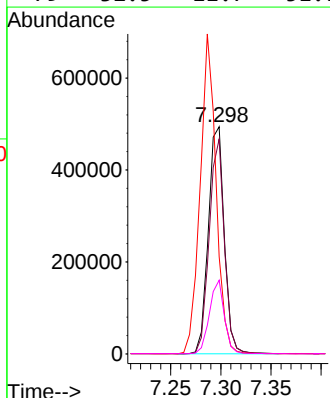
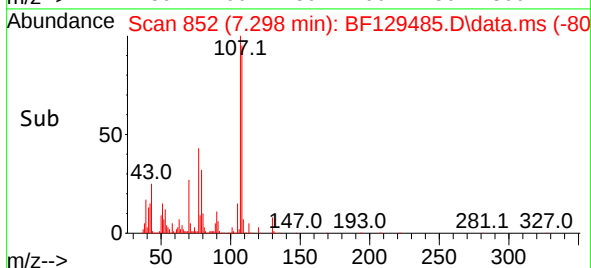
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

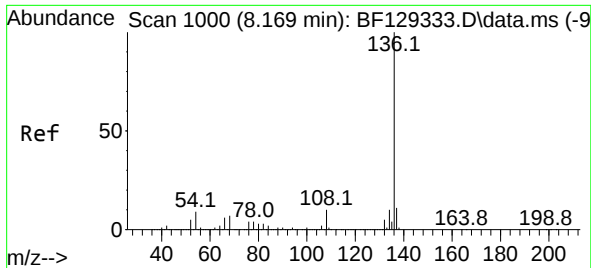


#20
3+4-Methylphenols
Concen: 44.501 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion:107 Resp: 544780
Ion Ratio Lower Upper
107 100
108 94.6 71.8 111.8
77 42.8 59.3 99.3#
79 32.5 11.7 51.7





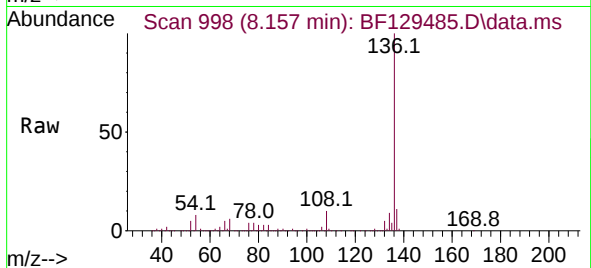
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

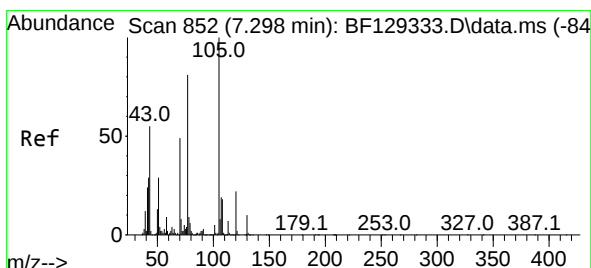
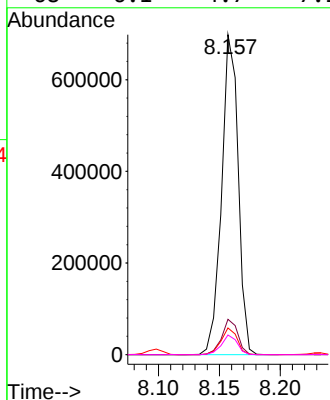
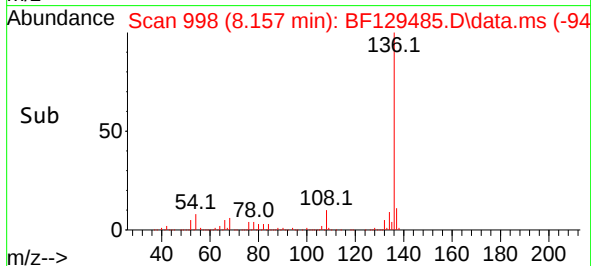
TP1-0729MSD



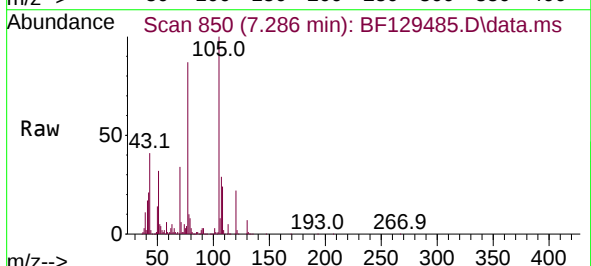
Tgt Ion:136 Resp: 658765
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.5 11.3
68 6.1 4.7 7.1

Manual Integrations
APPROVED

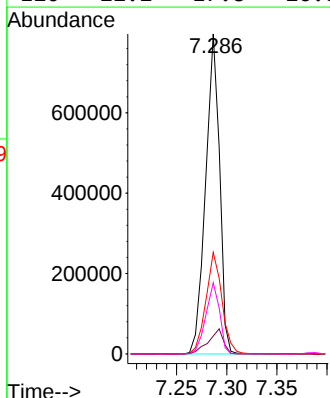
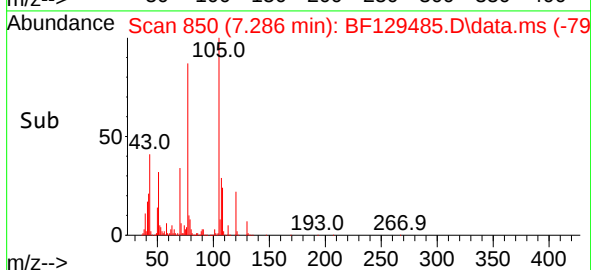
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

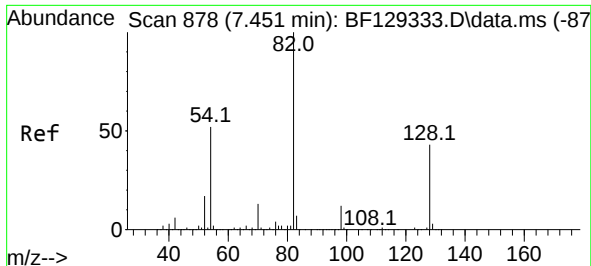


#22
Acetophenone
Concen: 50.111 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion:105 Resp: 768565
Ion Ratio Lower Upper
105 100
71 5.6 5.0 7.4
51 31.7 25.0 37.4
120 22.2 17.8 26.8





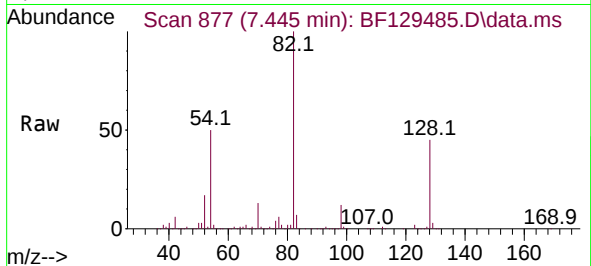
#23
Nitrobenzene-d5
Concen: 75.637 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

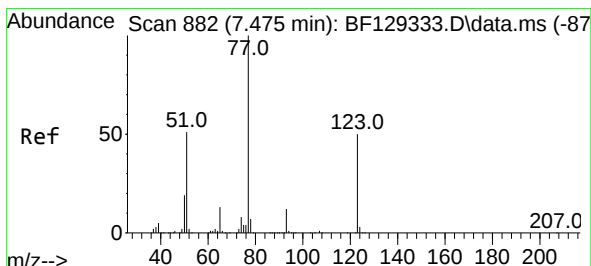
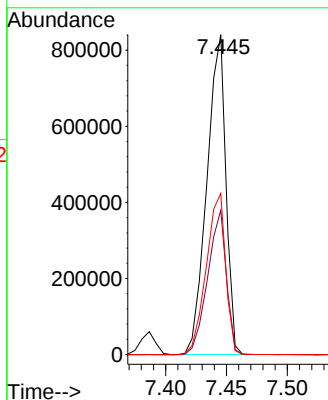
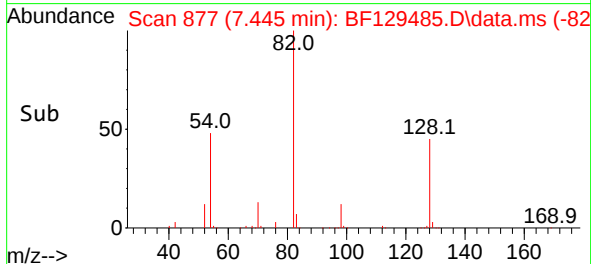


Tgt Ion: 82 Resp: 912779
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 50.4 46.9 70.3

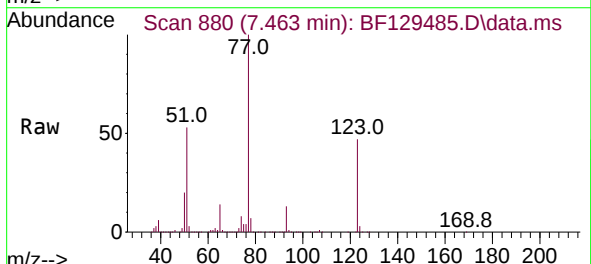
Manual Integrations

APPROVED

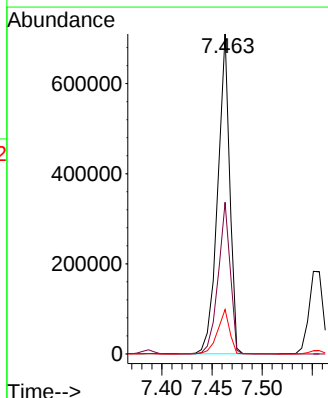
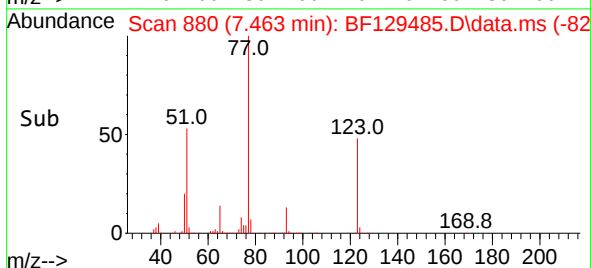
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

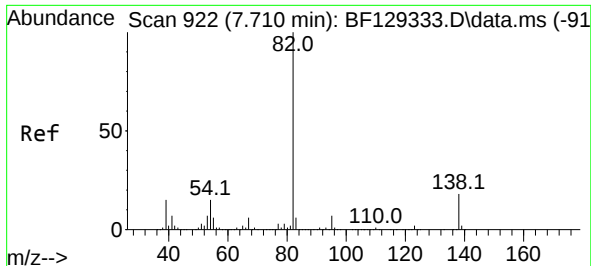


#24
Nitrobenzene
Concen: 47.512 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



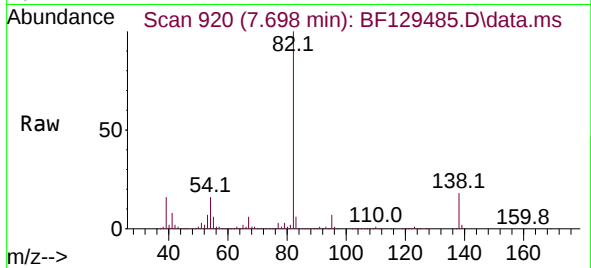
Tgt Ion: 77 Resp: 590434
Ion Ratio Lower Upper
77 100
123 47.4 35.4 53.2
65 13.9 11.8 17.8





#25
Isophorone
Concen: 48.197 ng
RT: 7.698 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

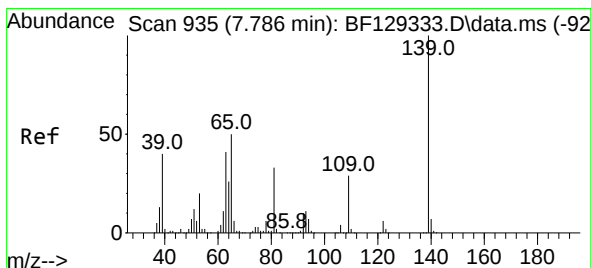
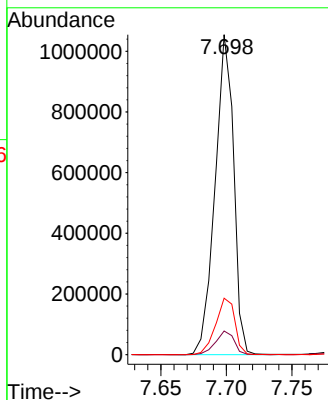
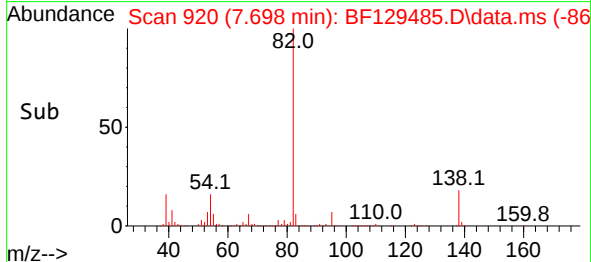
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



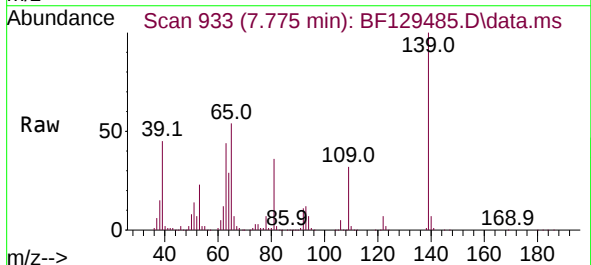
Tgt Ion: 82 Resp: 1042572
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 17.6 14.2 21.2

Manual Integrations
APPROVED

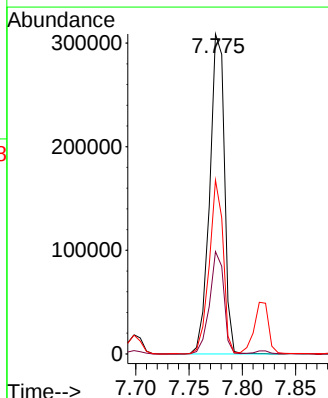
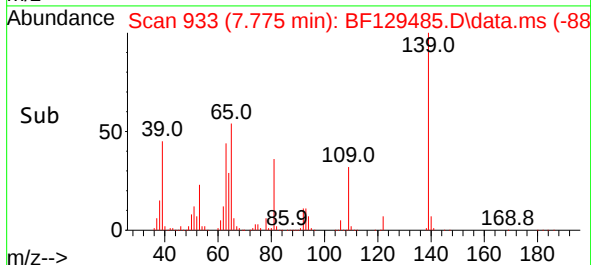
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

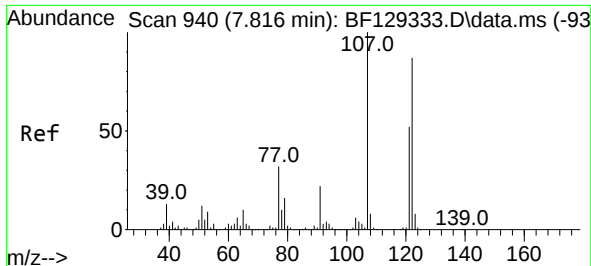


#26
2-Nitrophenol
Concen: 48.501 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



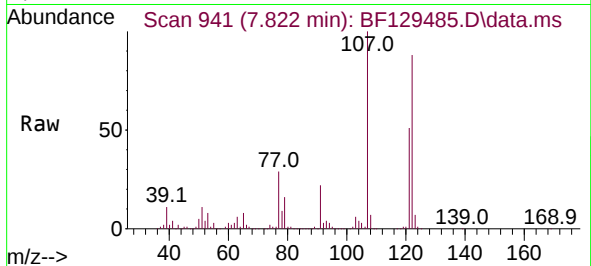
Tgt Ion:139 Resp: 297338
Ion Ratio Lower Upper
139 100
109 32.0 25.0 37.4
65 54.3 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 53.259 ng m
RT: 7.822 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

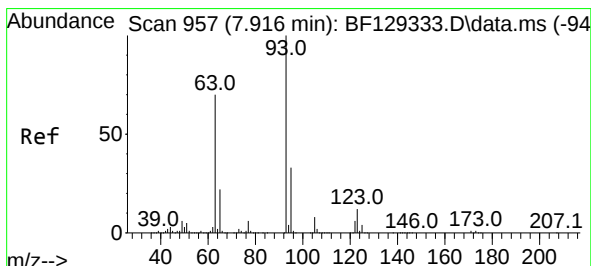
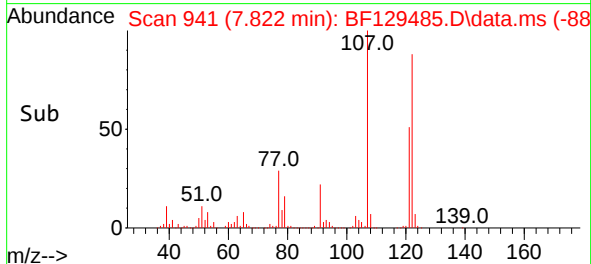
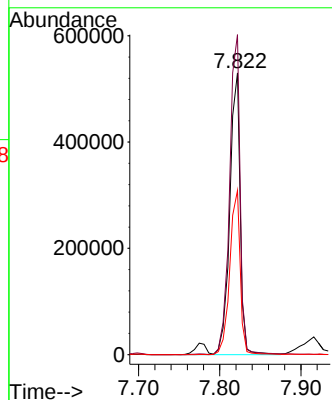
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



Tgt Ion:122 Resp: 489762
Ion Ratio Lower Upper
122 100
107 113.6 93.0 139.6
121 58.3 46.6 70.0

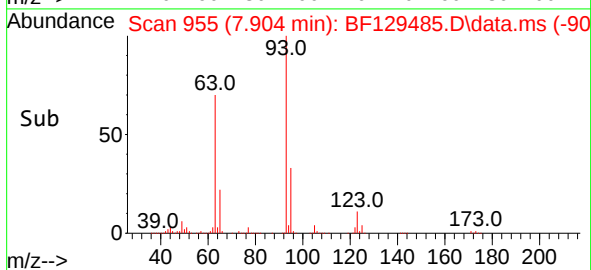
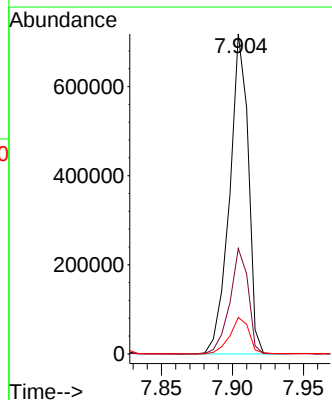
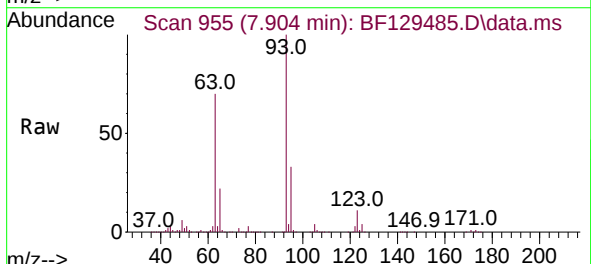
Manual Integrations
APPROVED

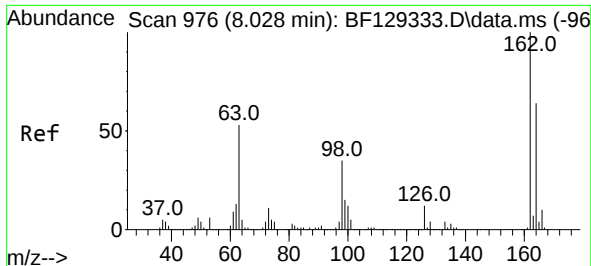
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#28
bis(2-Chloroethoxy)methane
Concen: 52.387 ng
RT: 7.904 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion: 93 Resp: 657383
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.178 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129485.D

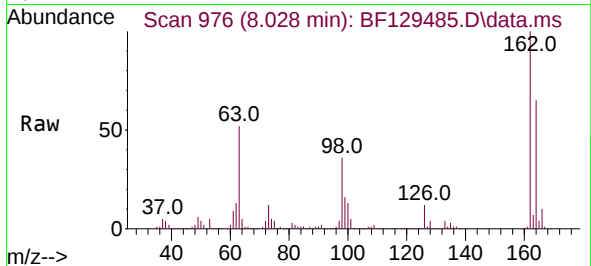
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD



Tgt Ion:162 Resp: 438298

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

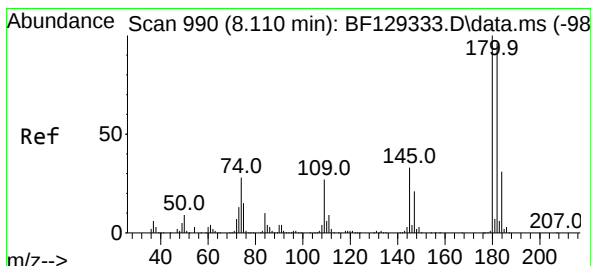
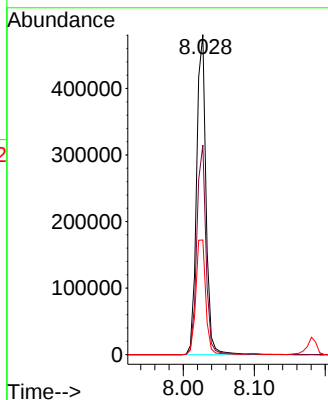
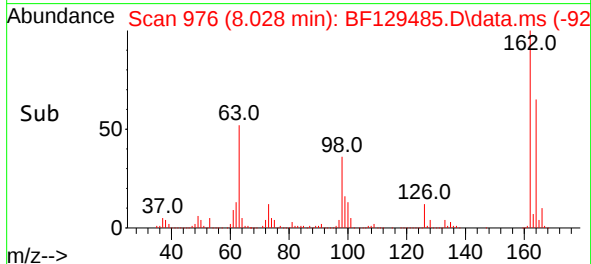
98 35.8 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.101 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

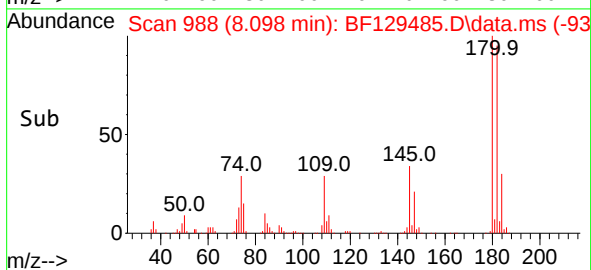
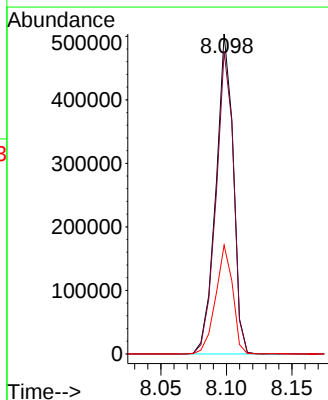
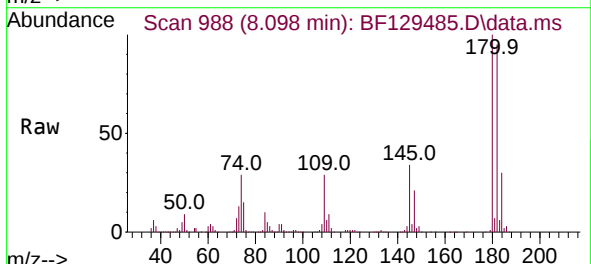
Tgt Ion:180 Resp: 462744

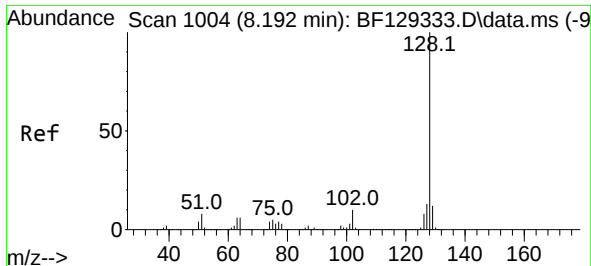
Ion Ratio Lower Upper

180 100

182 94.6 79.2 118.8

145 34.0 26.2 39.2





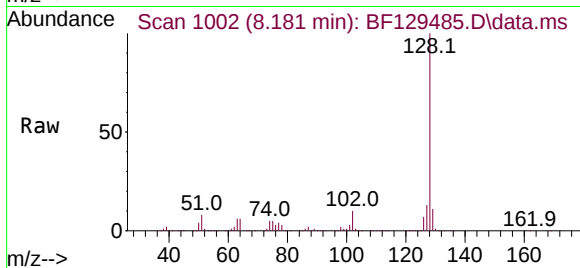
#31
Naphthalene
Concen: 47.060 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

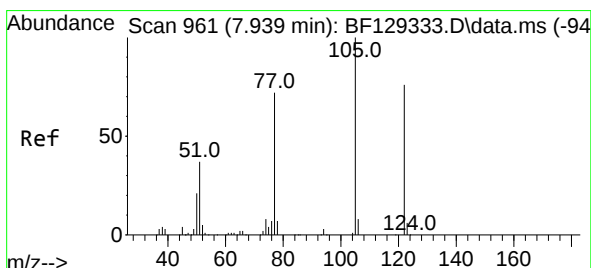
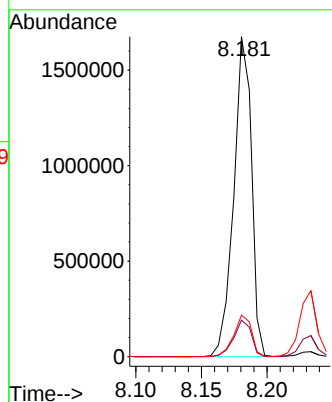
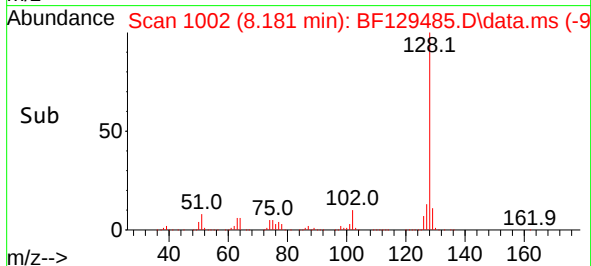


Tgt Ion:128 Resp: 1575060
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.0 10.5 15.7

Manual Integrations

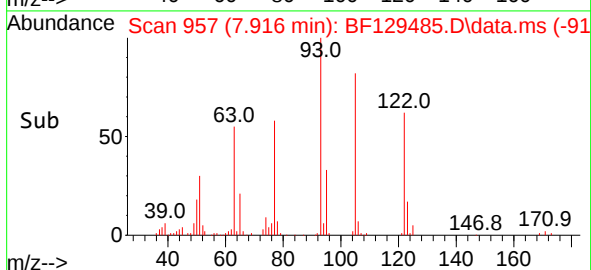
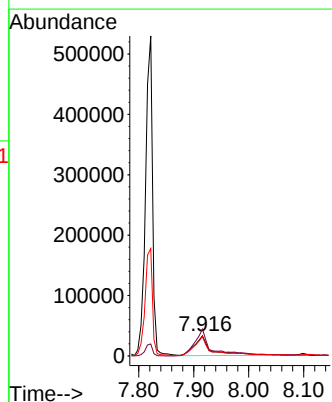
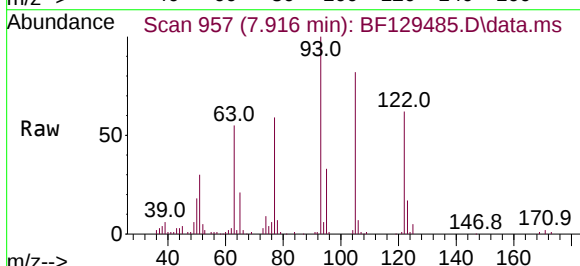
APPROVED

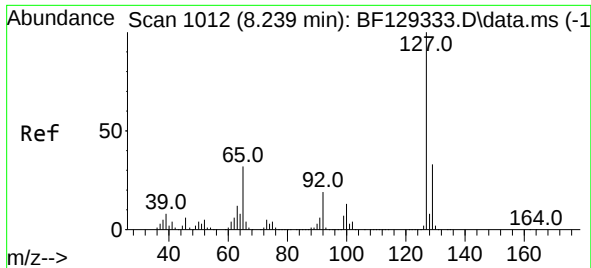
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#32
Benzoic acid
Concen: 10.680 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.024 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:122 Resp: 70998
Ion Ratio Lower Upper
122 100
105 133.4 107.1 147.1
77 95.7 74.2 114.2





#33
4-Chloroaniline
Concen: 23.871 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

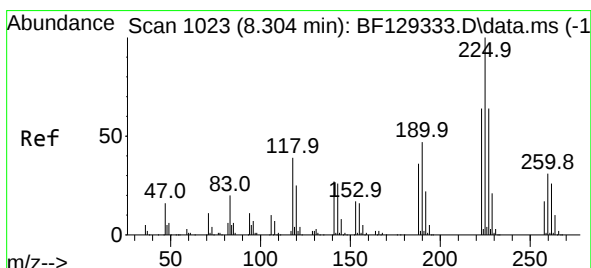
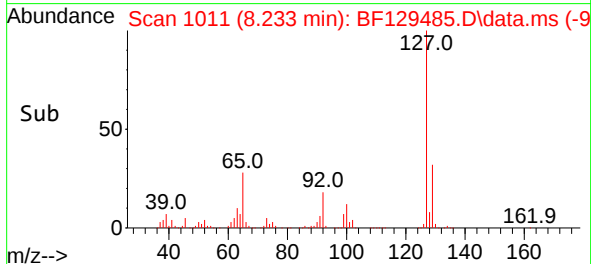
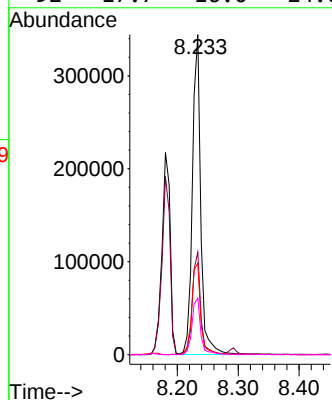
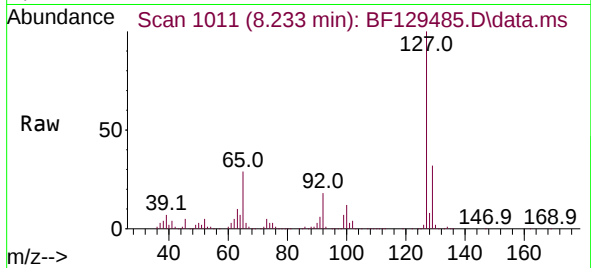
TP1-0729MSD

Tgt Ion:127 Resp: 328016
Ion Ratio Lower Upper
127 100
129 32.0 26.4 39.6
65 28.5 26.4 39.6
92 17.7 16.0 24.0

Manual Integrations

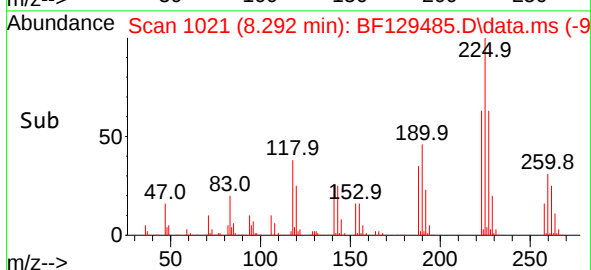
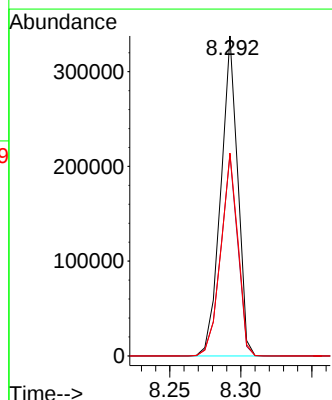
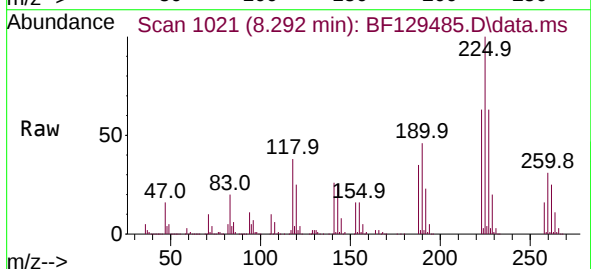
APPROVED

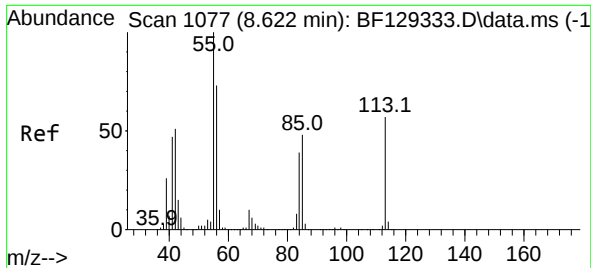
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#34
Hexachlorobutadiene
Concen: 50.083 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

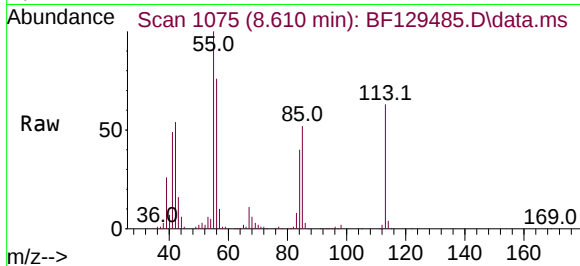
Tgt Ion:225 Resp: 279690
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 35.413 ng m
RT: 8.610 min Scan# 1075
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

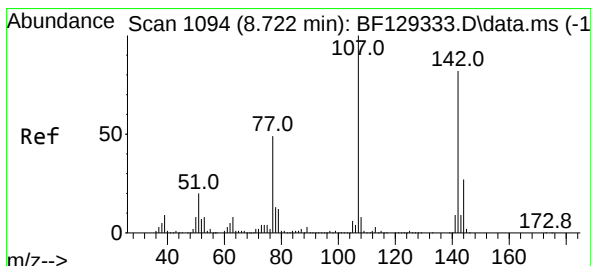
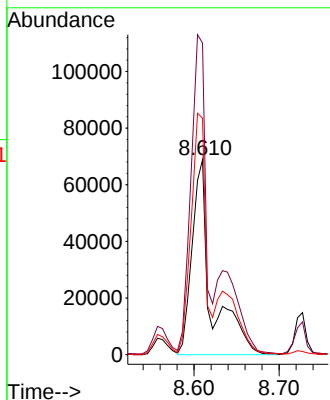
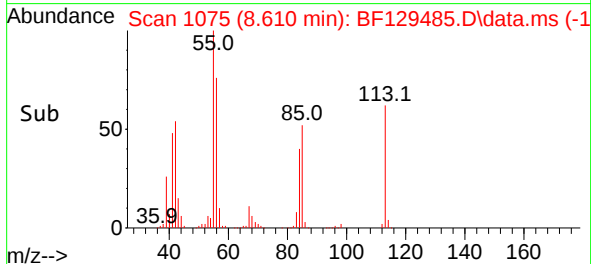
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



Tgt Ion:113 Resp: 109272
Ion Ratio Lower Upper
113 100
55 159.9 188.5 228.5
56 121.3 130.6 170.6

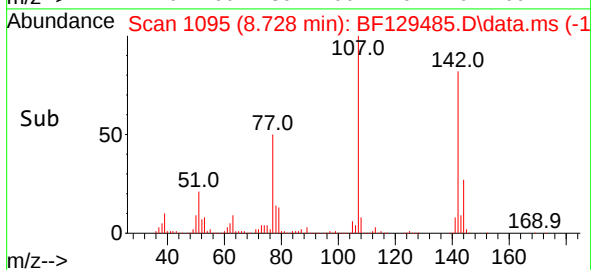
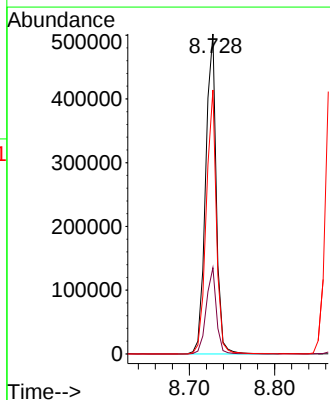
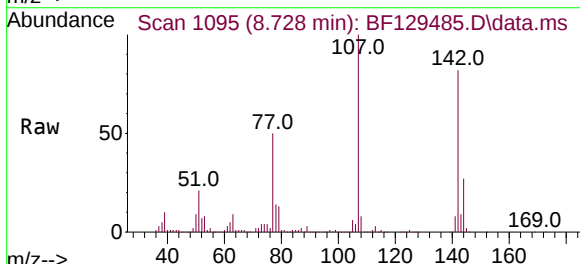
Manual Integrations
APPROVED

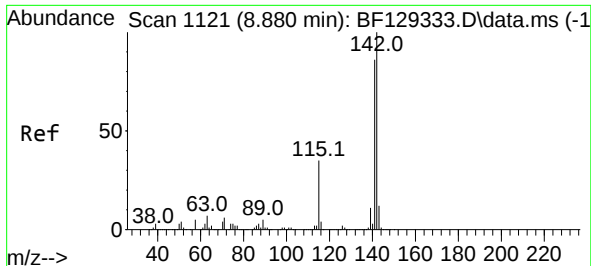
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#36
4-Chloro-3-methylphenol
Concen: 43.344 ng
RT: 8.728 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:107 Resp: 436342
Ion Ratio Lower Upper
107 100
144 26.9 19.5 29.3
142 82.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.943 ng

RT: 8.875 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

Tgt Ion:142 Resp: 999280

Ion Ratio Lower Upper

142 100

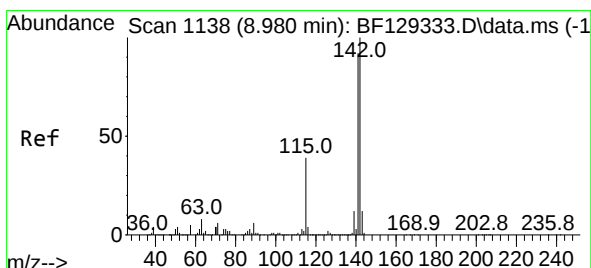
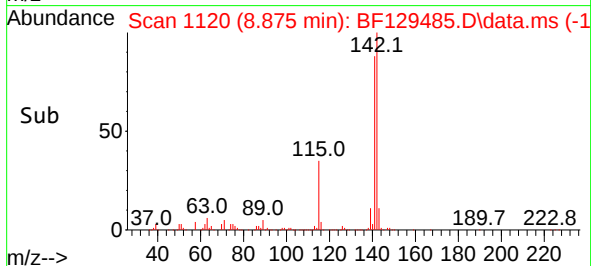
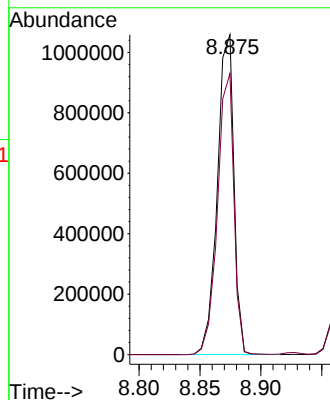
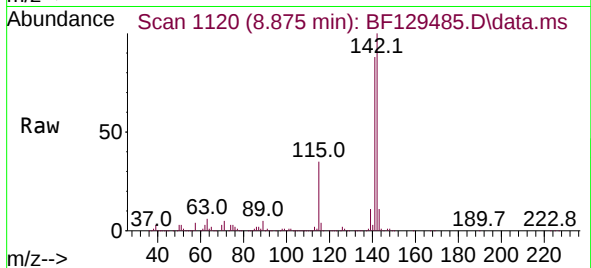
141 87.9 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#38

1-Methylnaphthalene

Concen: 44.255 ng

RT: 8.975 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF129485.D

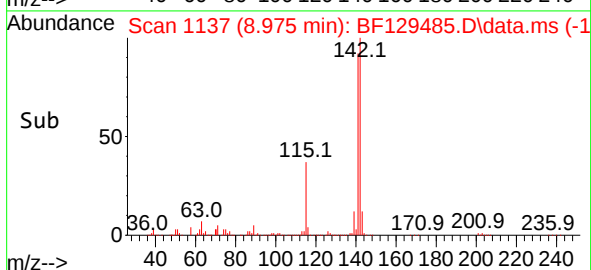
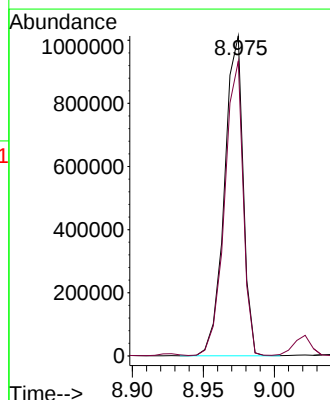
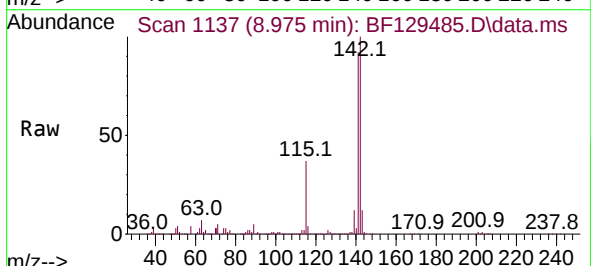
Acq: 01 Aug 2022 21:31

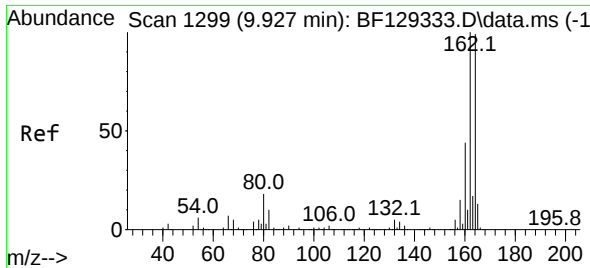
Tgt Ion:142 Resp: 929195

Ion Ratio Lower Upper

142 100

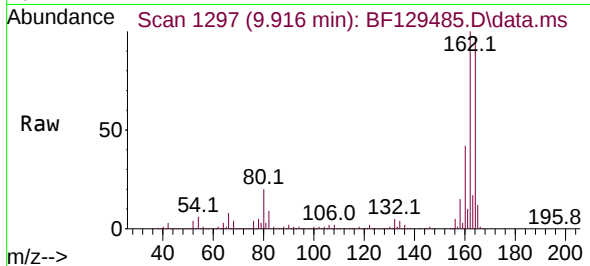
141 92.1 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

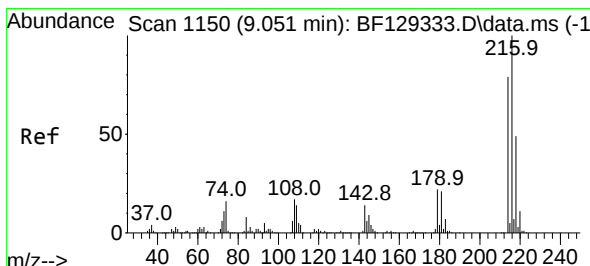
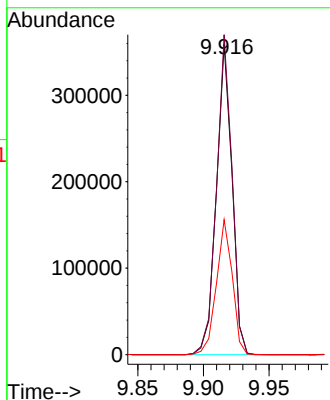
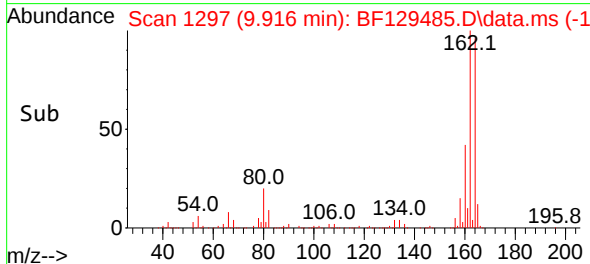
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



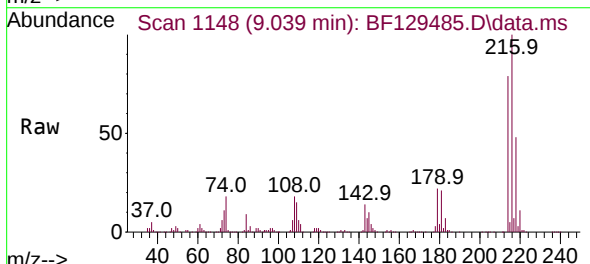
Tgt Ion:164 Resp: 298830
Ion Ratio Lower Upper
164 100
162 103.1 79.5 119.3
160 43.5 34.2 51.4

Manual Integrations
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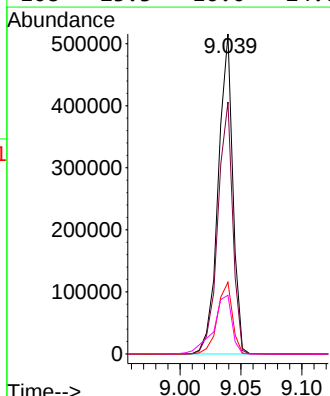
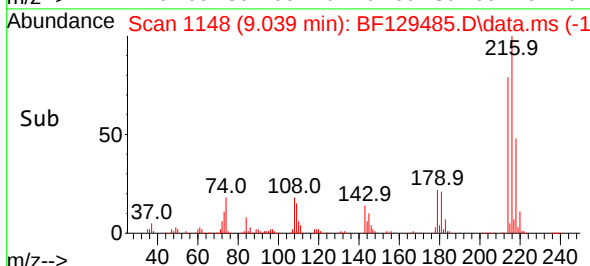
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

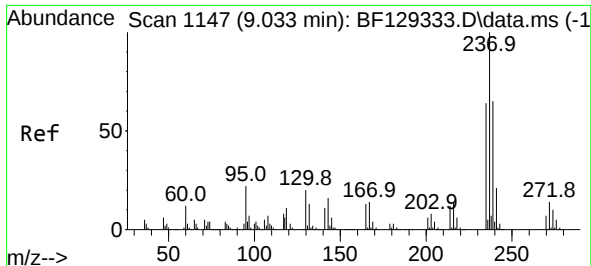


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.769 ng
RT: 9.039 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



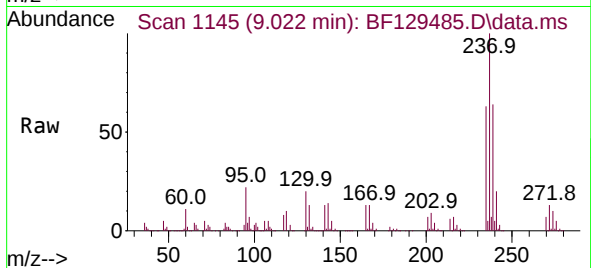
Tgt Ion:216 Resp: 429751
Ion Ratio Lower Upper
216 100
214 80.0 63.6 95.4
179 22.9 17.0 25.6
108 23.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 115.559 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

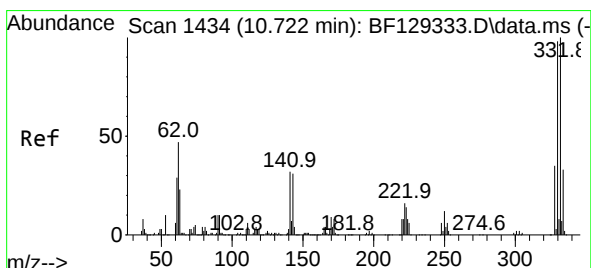
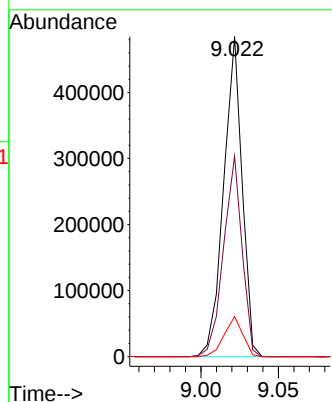
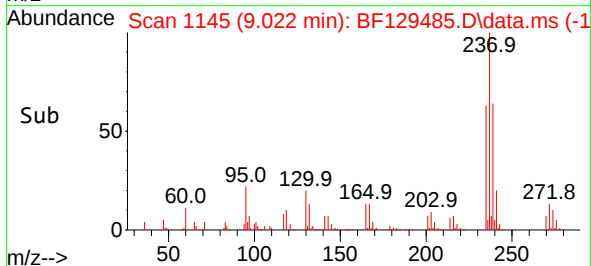
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



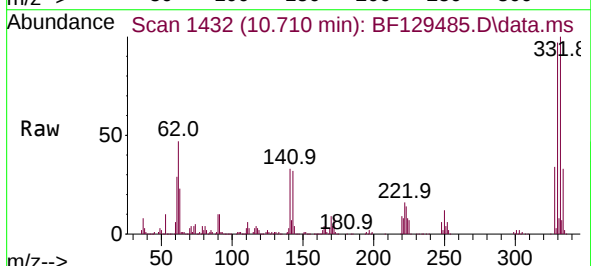
Tgt Ion:237 Resp: 403766
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 12.6 0.0 31.9

Manual Integrations
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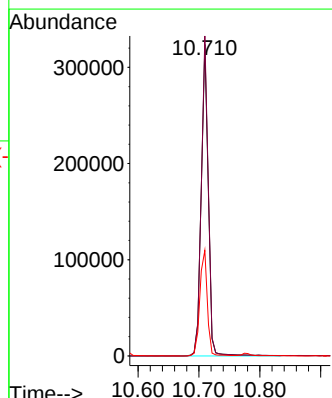
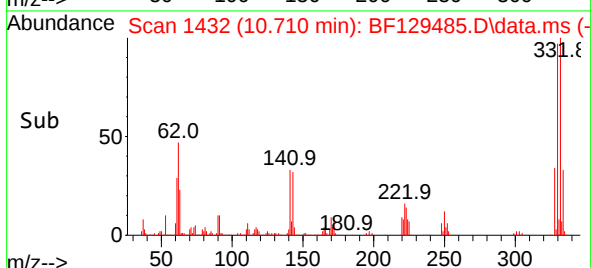
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

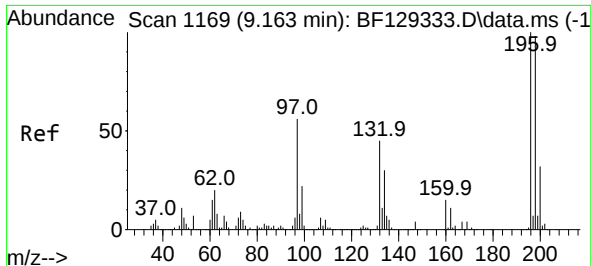


#42
2,4,6-Tribromophenol
Concen: 90.623 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



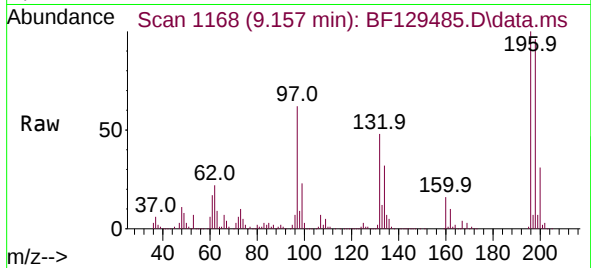
Tgt Ion:330 Resp: 260361
Ion Ratio Lower Upper
330 100
332 101.8 76.8 115.2
141 36.0 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 47.245 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

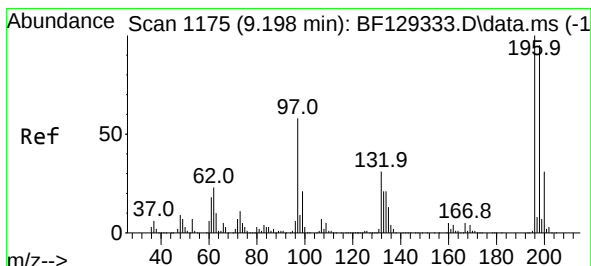
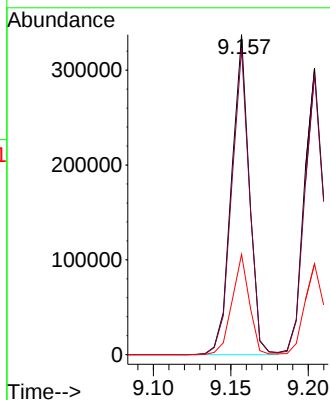
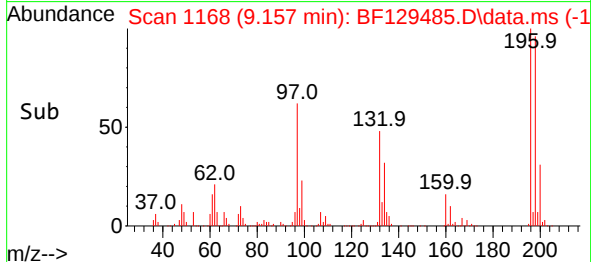
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



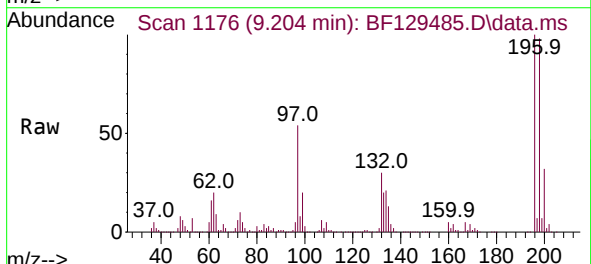
Tgt Ion:196 Resp: 269251
Ion Ratio Lower Upper
196 100
198 95.7 74.0 111.0
200 31.3 24.1 36.1

Manual Integrations
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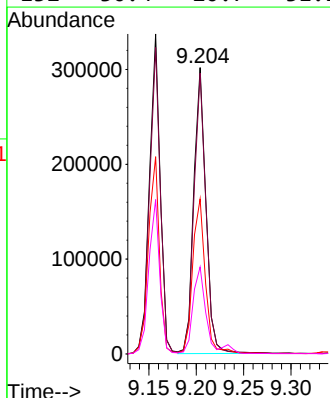
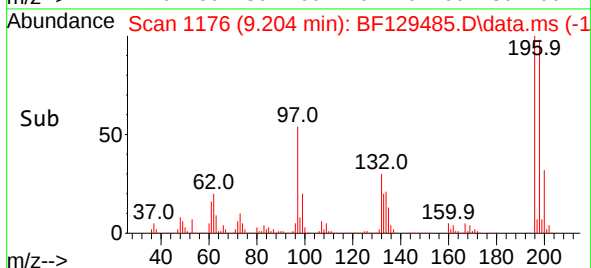
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

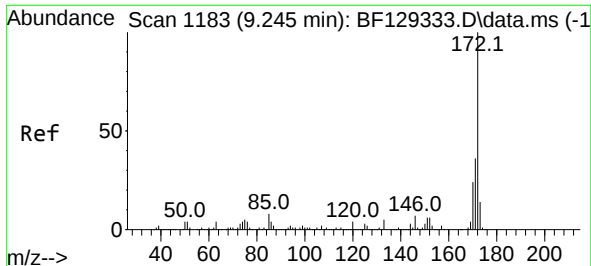


#44
2,4,5-Trichlorophenol
Concen: 43.444 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion:196 Resp: 269251
Ion Ratio Lower Upper
196 100
198 98.1 75.7 113.5
97 54.1 36.4 54.6
132 30.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 77.872 ng

RT: 9.233 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

Tgt Ion:172 Resp: 150428

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

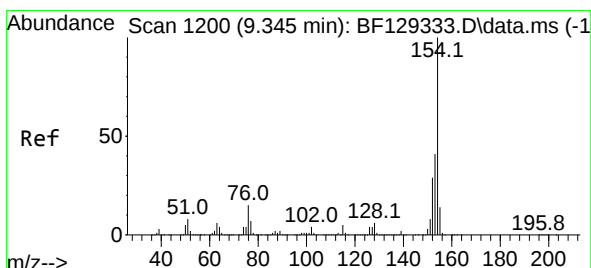
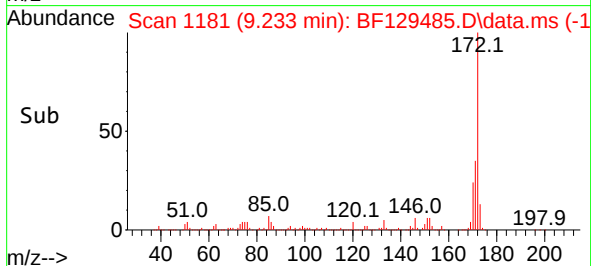
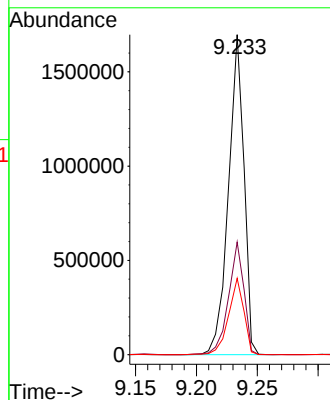
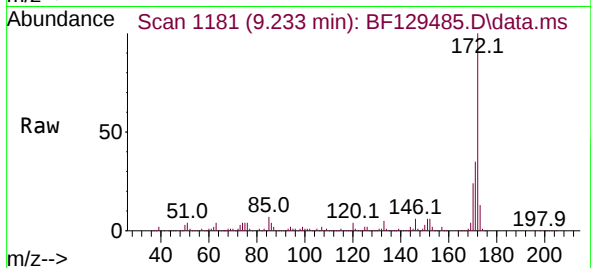
170 23.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#46

1,1'-Biphenyl

Concen: 53.395 ng

RT: 9.333 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

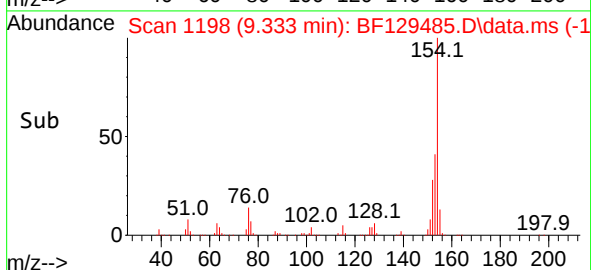
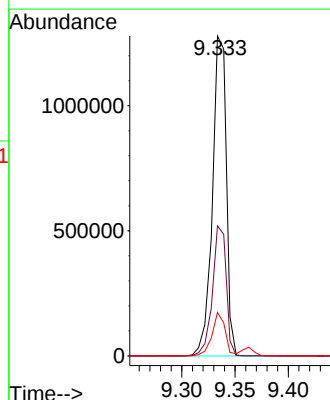
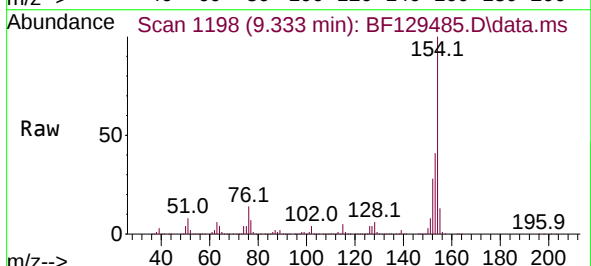
Tgt Ion:154 Resp: 1164460

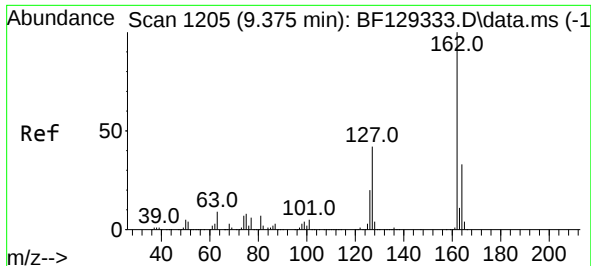
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 13.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.619 ng

RT: 9.363 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

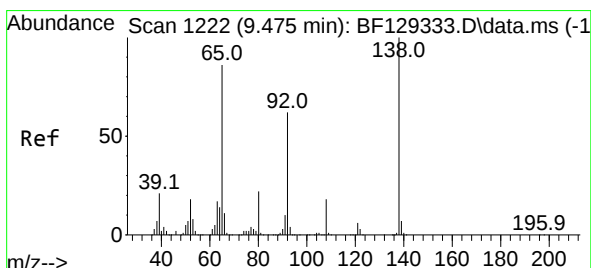
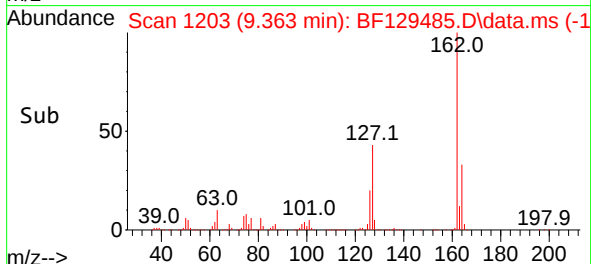
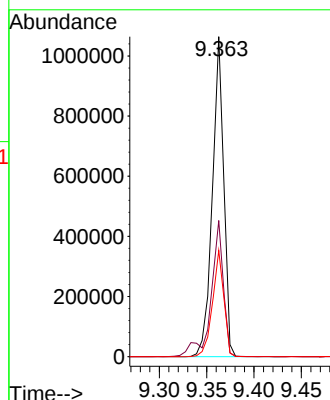
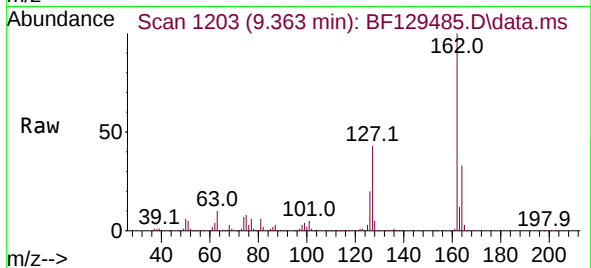
Tgt Ion:	162	Resp:	892419
Ion Ratio	Lower	Upper	
162	100		
127	42.5	34.5	51.7
164	33.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#48

2-Nitroaniline

Concen: 45.391 ng

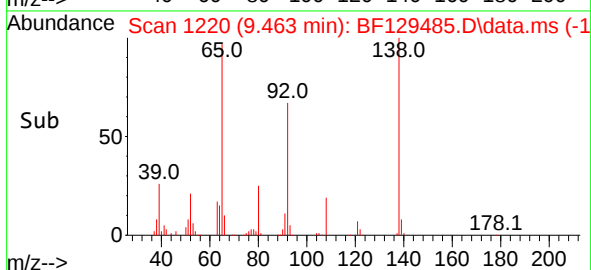
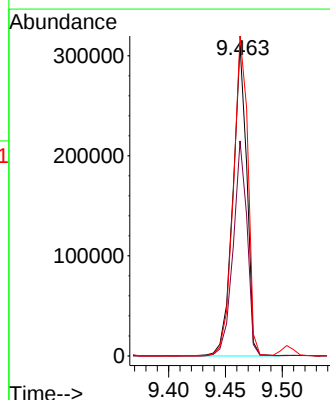
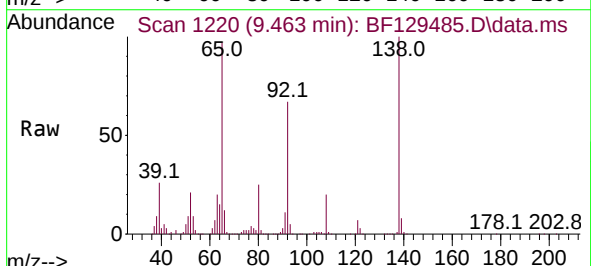
RT: 9.463 min Scan# 1220

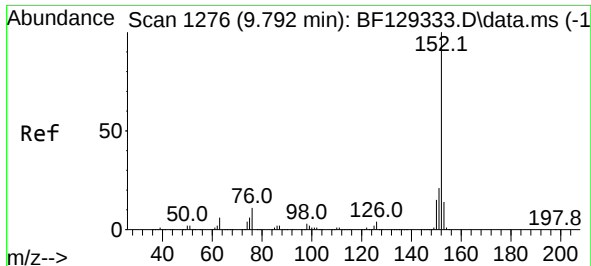
Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

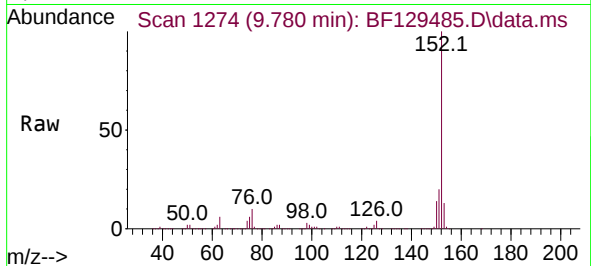
Tgt Ion:	65	Resp:	266100
Ion Ratio	Lower	Upper	
65	100		
92	69.2	51.9	77.9
138	103.0	76.4	114.6





#49
Acenaphthylene
Concen: 48.453 ng
RT: 9.780 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

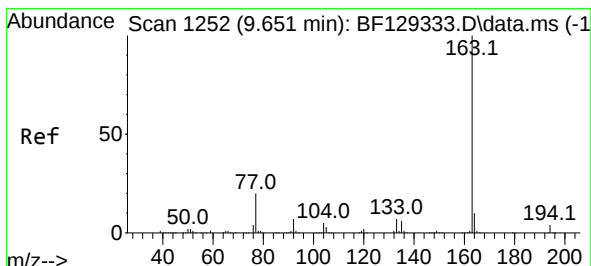
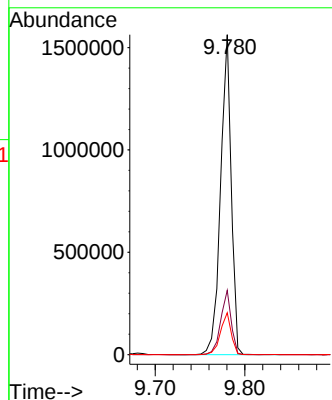
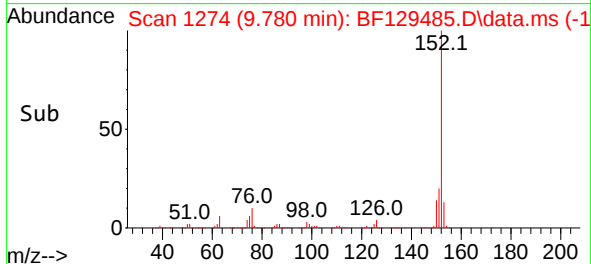
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



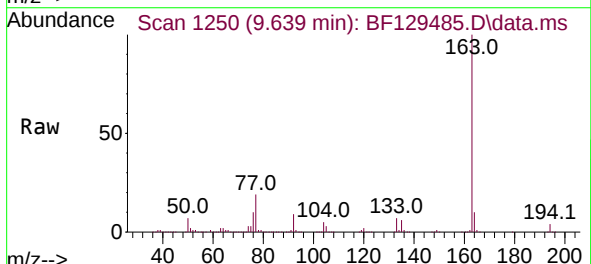
Tgt Ion:152 Resp: 1298006
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.1 10.7 16.1

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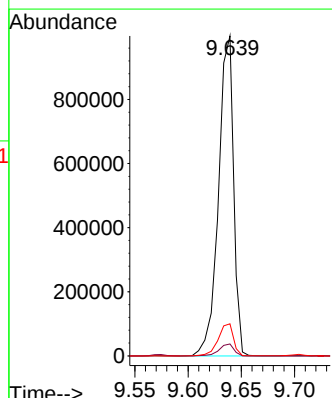
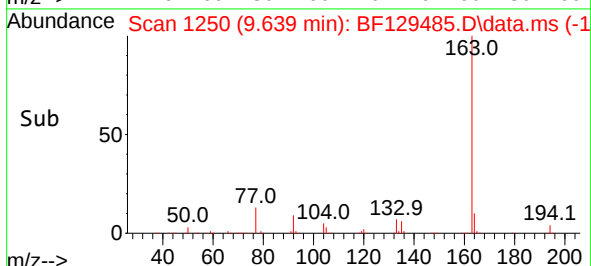
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

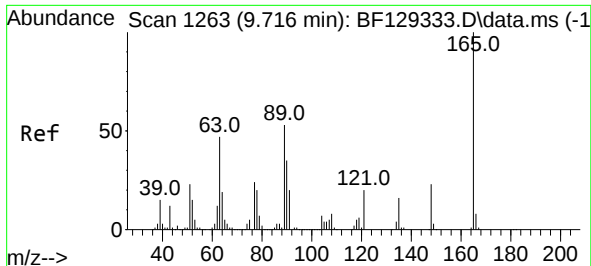


#50
Dimethylphthalate
Concen: 47.943 ng
RT: 9.639 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



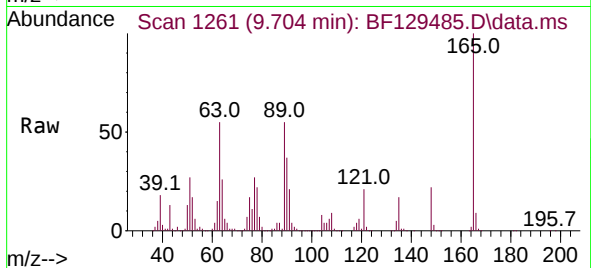
Tgt Ion:163 Resp: 989017
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.719 ng
RT: 9.704 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

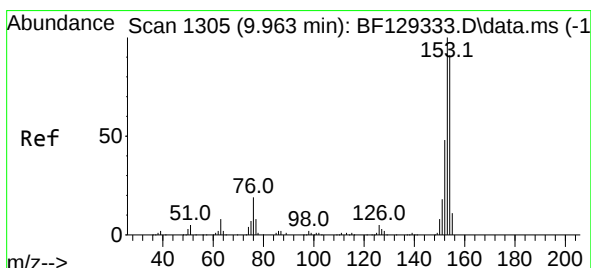
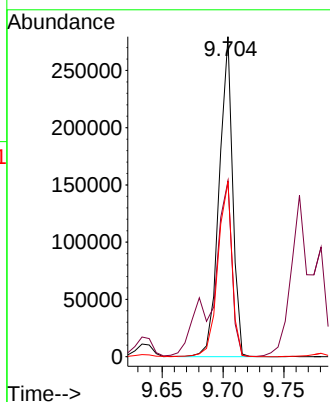
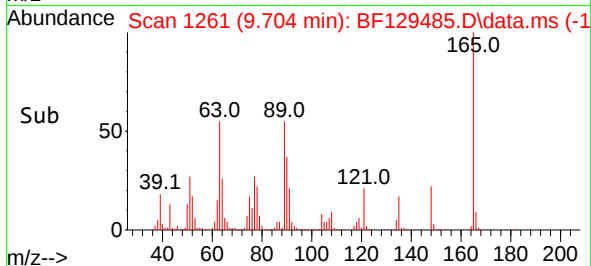
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



Tgt Ion:165 Resp: 215712
Ion Ratio Lower Upper
165 100
63 54.9 44.9 67.3
89 54.6 43.6 65.4

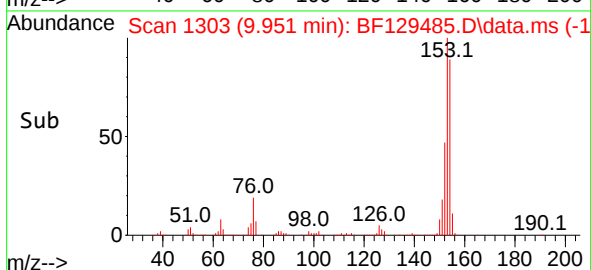
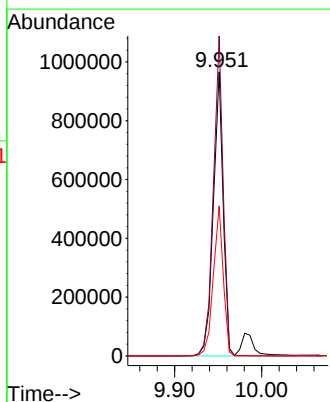
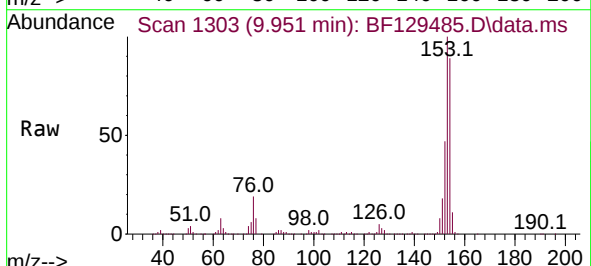
Manual Integrations
APPROVED

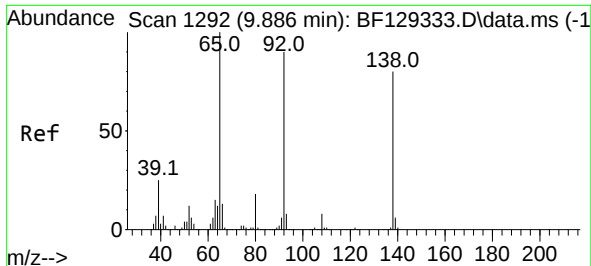
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#52
Acenaphthene
Concen: 47.900 ng m
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:154 Resp: 838097
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 52.8 42.4 63.6





#53

3-Nitroaniline

Concen: 29.851 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

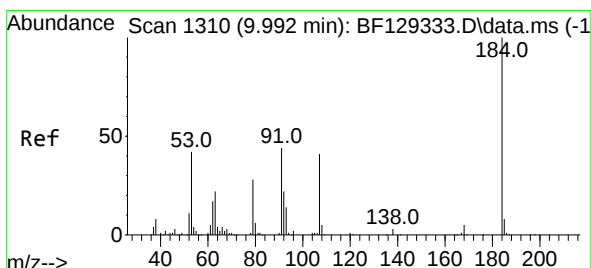
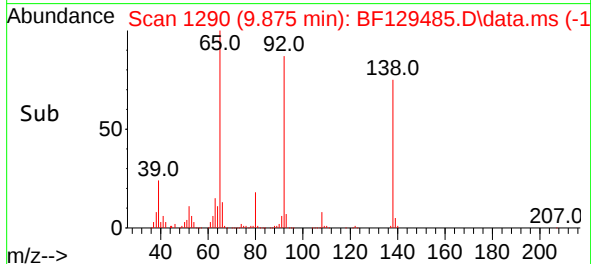
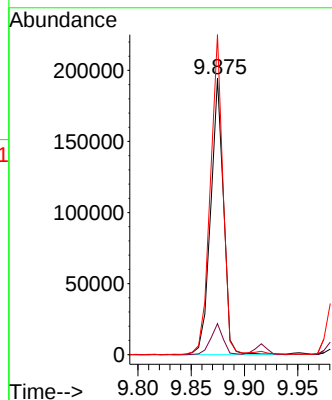
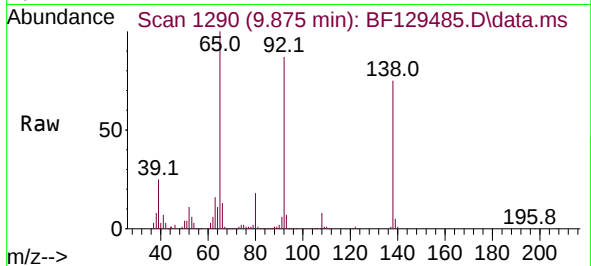
Tgt Ion:138 Resp: 162752

Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.9	16.3
92	115.8	98.2	147.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#54

2,4-Dinitrophenol

Concen: 49.859 ng

RT: 9.980 min Scan# 1308

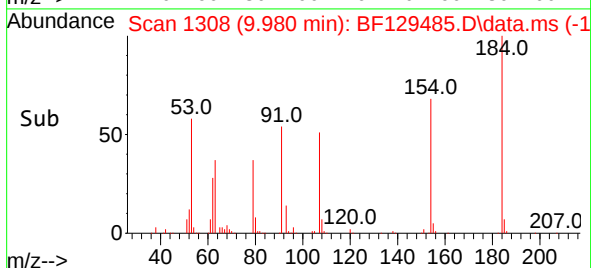
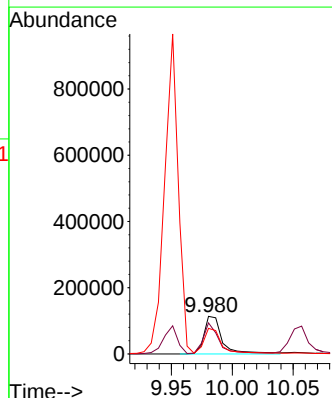
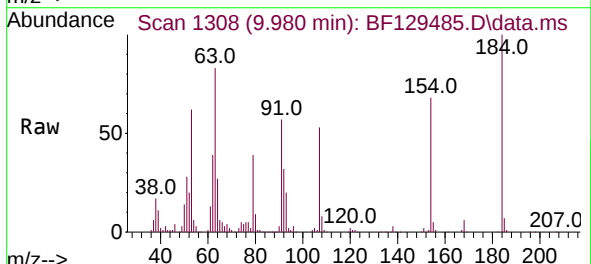
Delta R.T. -0.000 min

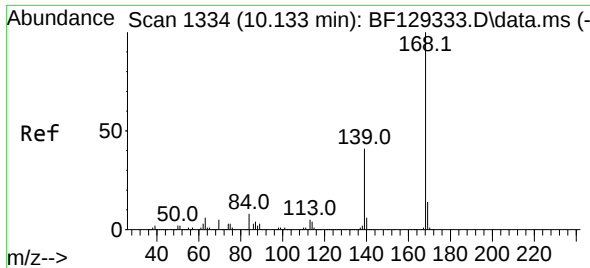
Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Tgt Ion:184 Resp: 117523

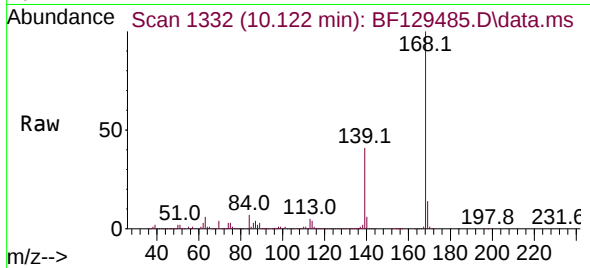
Ion	Ratio	Lower	Upper
184	100		
63	82.6	64.5	96.7
154	68.1	50.6	75.8





#55
Dibenzenofuran
Concen: 47.327 ng
RT: 10.122 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

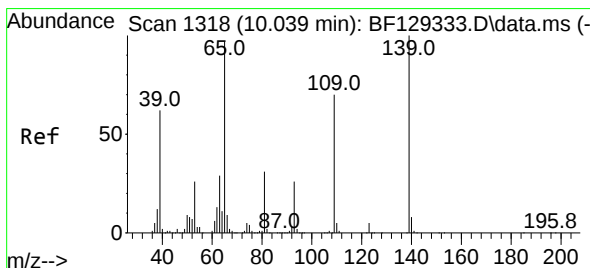
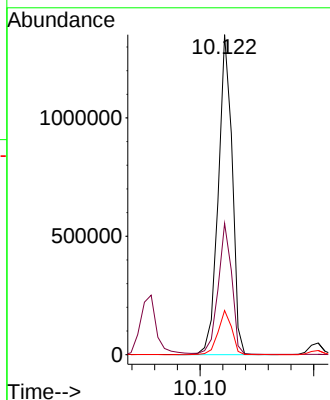
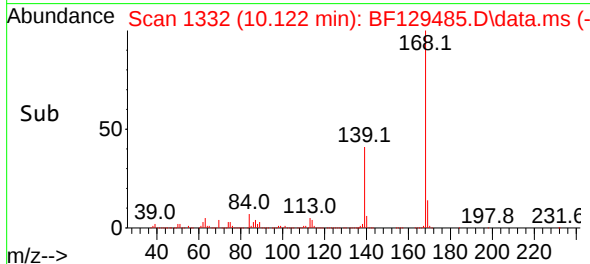
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



Tgt Ion:168 Resp: 1141515
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 13.8 11.0 16.6

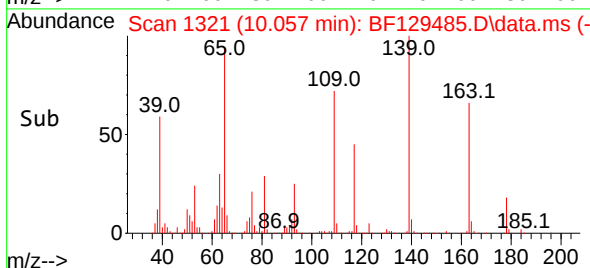
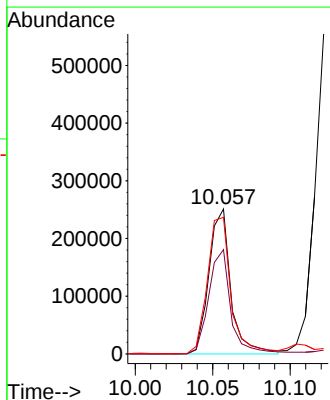
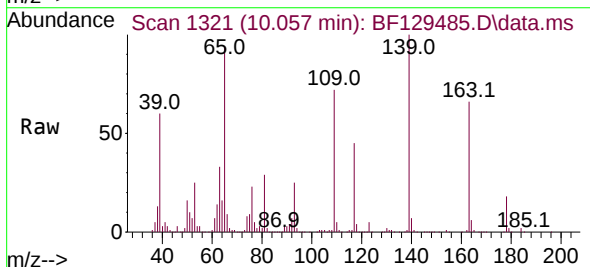
Manual Integrations
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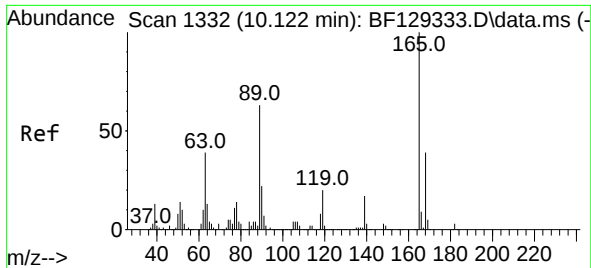
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#56
4-Nitrophenol
Concen: 61.499 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

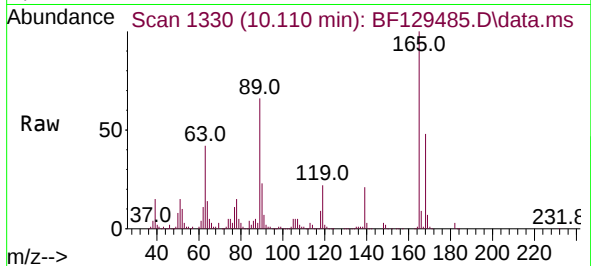
Tgt Ion:139 Resp: 247370
Ion Ratio Lower Upper
139 100
109 72.0 50.7 90.7
65 94.3 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 43.645 ng
RT: 10.110 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

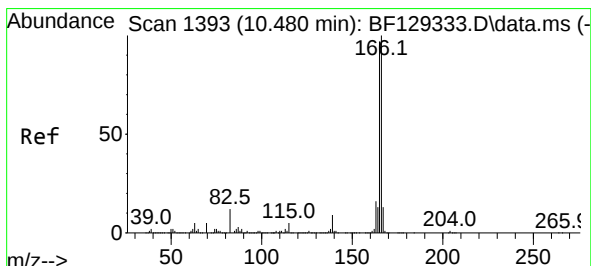
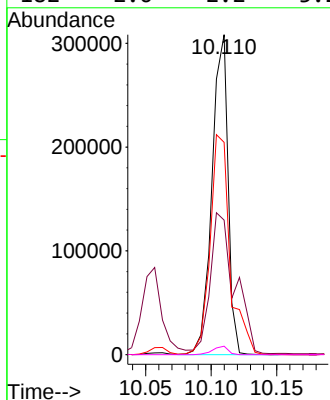
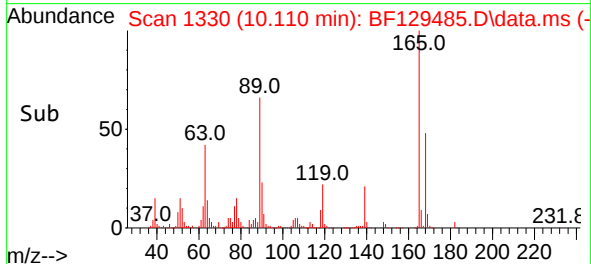
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



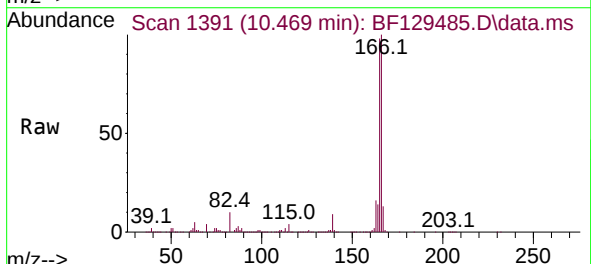
Tgt Ion:165 Resp: 26325
Ion Ratio Lower Upper
165 100
63 42.0 39.8 59.6
89 66.3 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

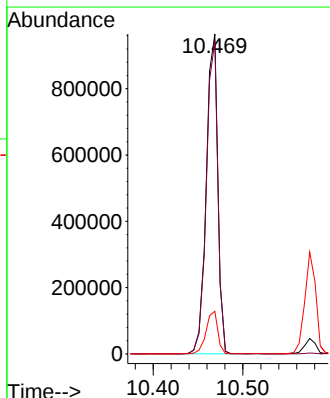
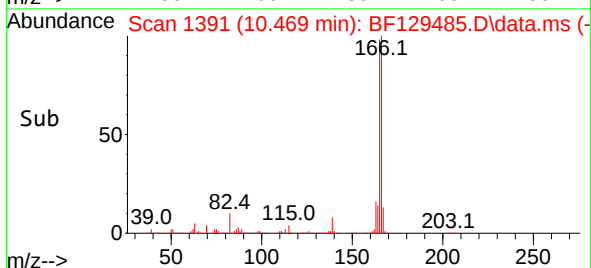
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

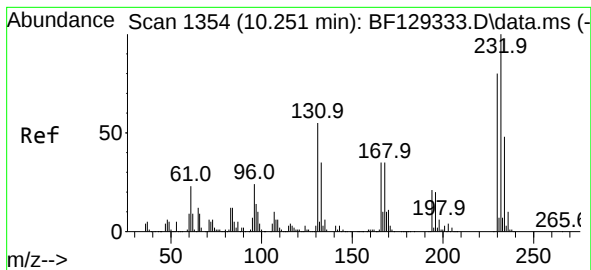


#58
Fluorene
Concen: 44.547 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



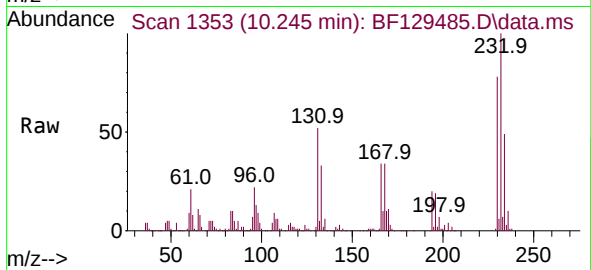
Tgt Ion:166 Resp: 859704
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.012 ng
RT: 10.245 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

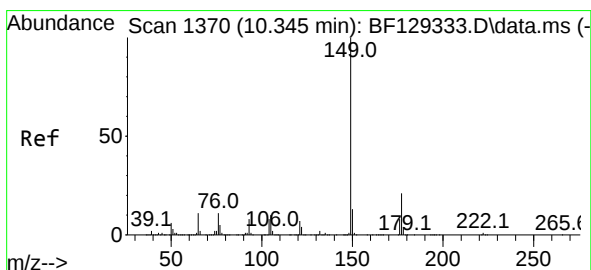
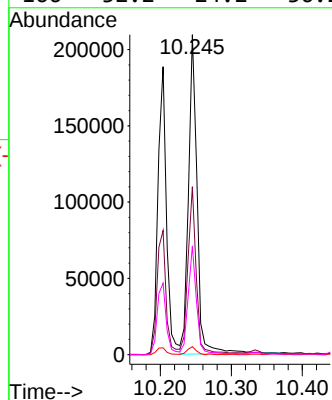
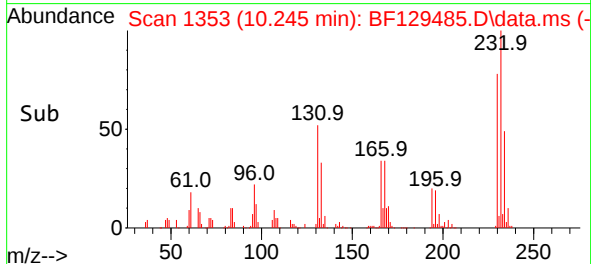
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



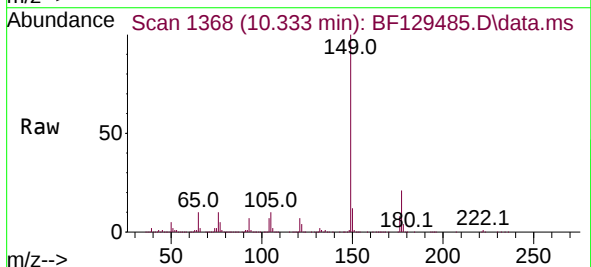
Tgt Ion:232 Resp: 177266
Ion Ratio Lower Upper
232 100
131 49.6 36.1 54.1
130 2.6 1.8 2.8
166 32.2 24.2 36.2

Manual Integrations
APPROVED

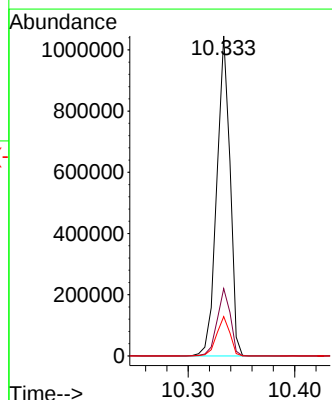
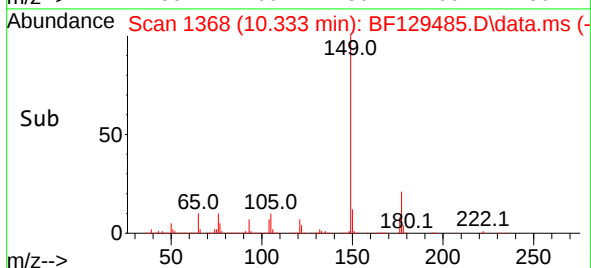
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

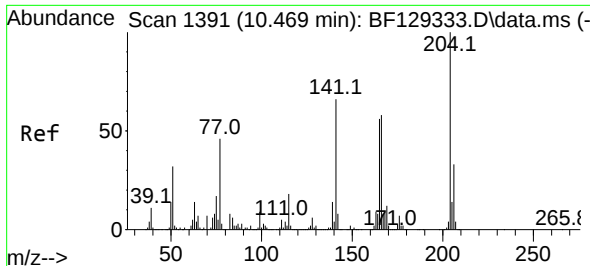


#60
Diethylphthalate
Concen: 45.247 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



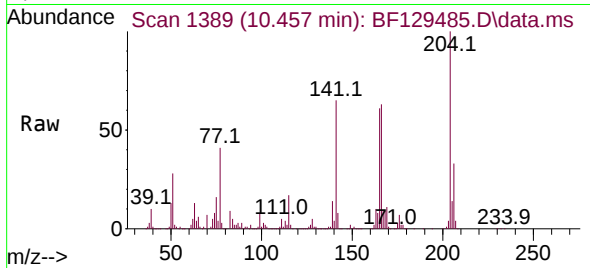
Tgt Ion:149 Resp: 902318
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.3 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.857 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

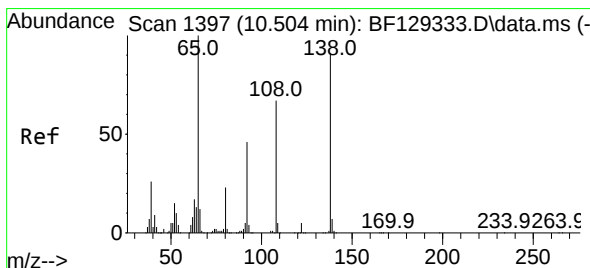
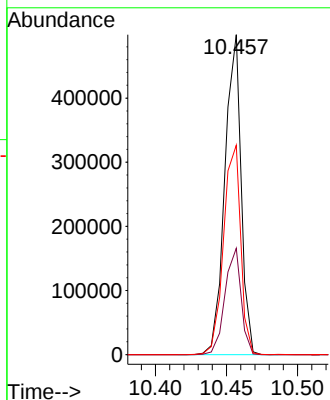
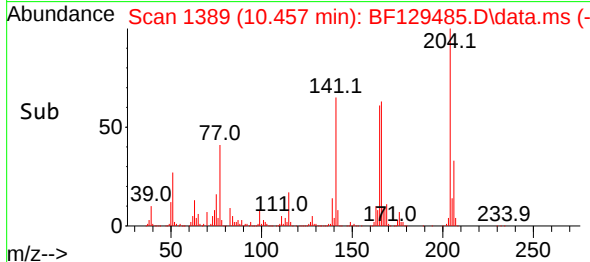
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



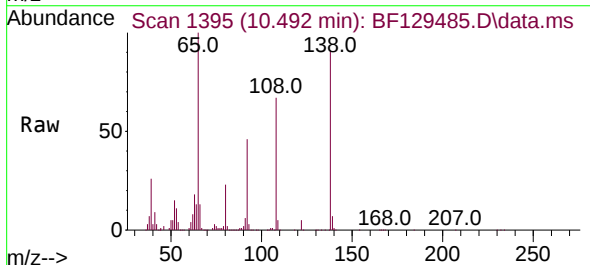
Tgt Ion:204 Resp: 398668
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 65.4 47.0 70.4

Manual Integrations
APPROVED

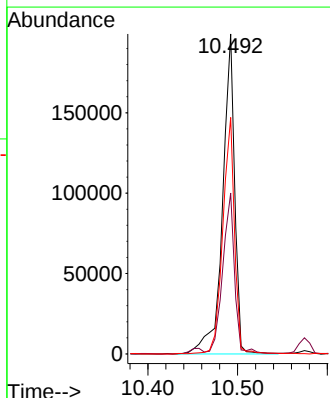
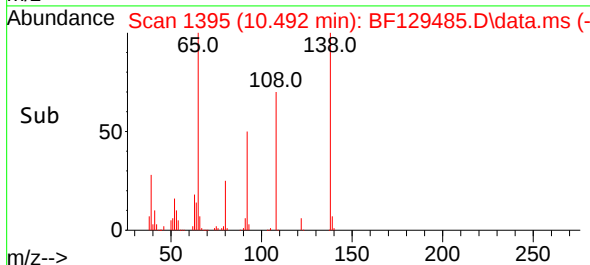
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

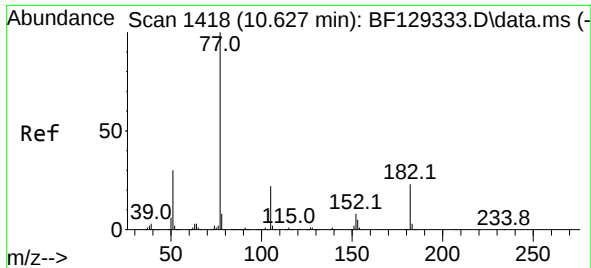


#62
4-Nitroaniline
Concen: 34.723 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



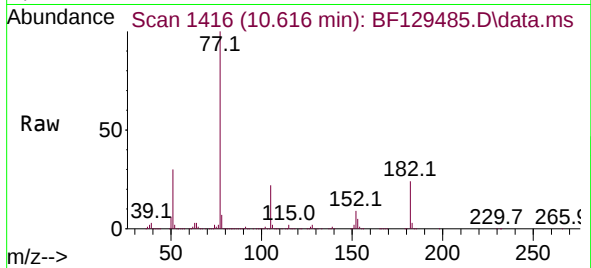
Tgt Ion:138 Resp: 187805
Ion Ratio Lower Upper
138 100
92 50.3 33.5 73.5
108 73.9 61.0 101.0





#63
Azobenzene
Concen: 41.983 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

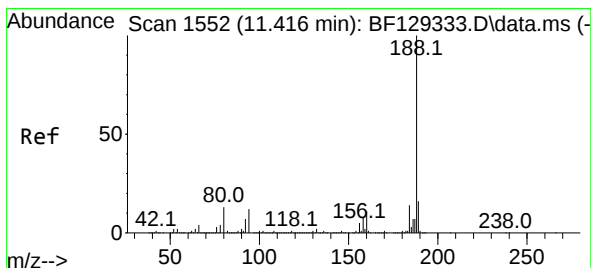
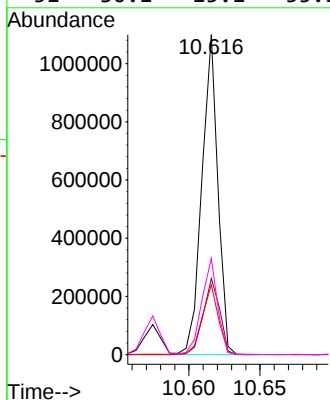
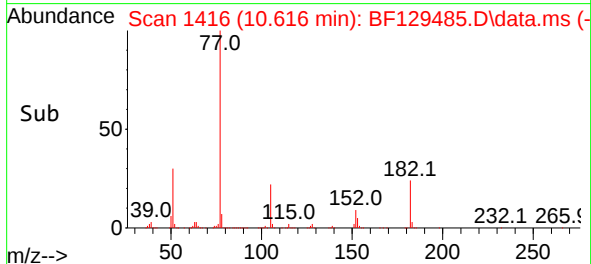
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



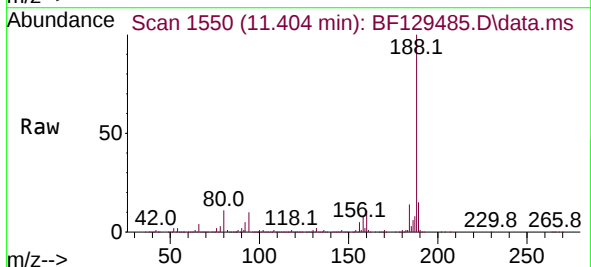
Tgt Ion: 77 Resp: 853932
Ion Ratio Lower Upper
77 100
182 23.8 5.6 45.6
105 21.8 1.6 41.6
51 30.1 15.1 55.1

Manual Integrations
APPROVED

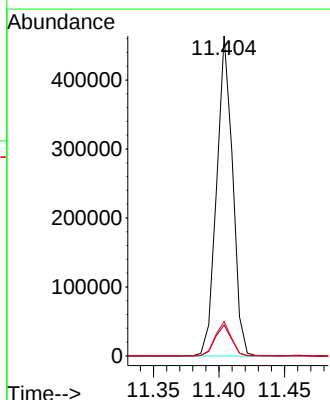
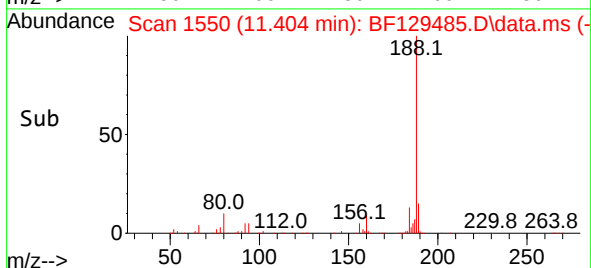
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

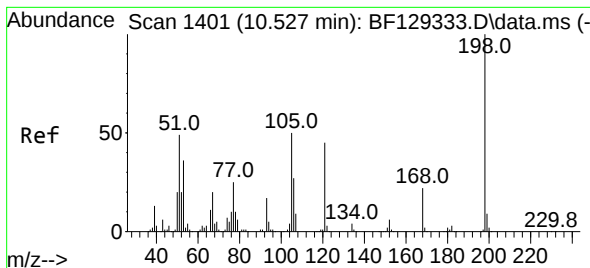


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



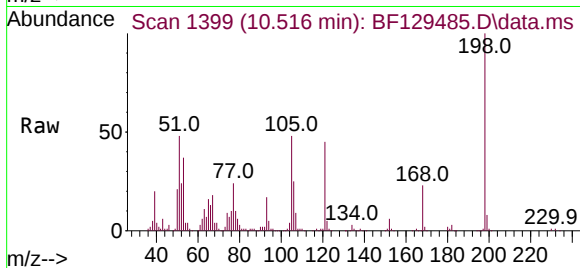
Tgt Ion:188 Resp: 393587
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.7 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 38.778 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

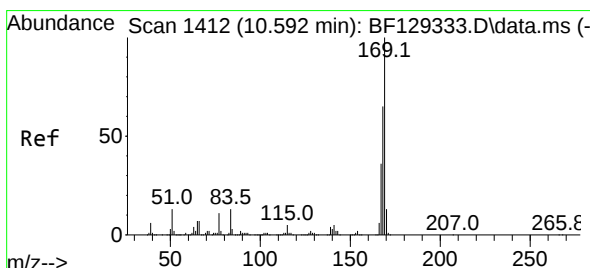
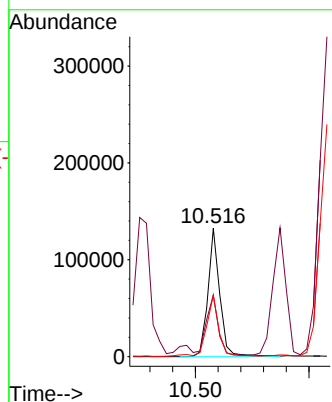
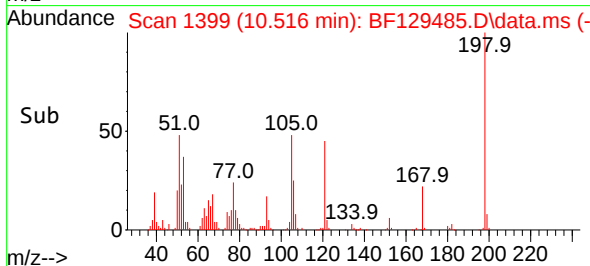
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



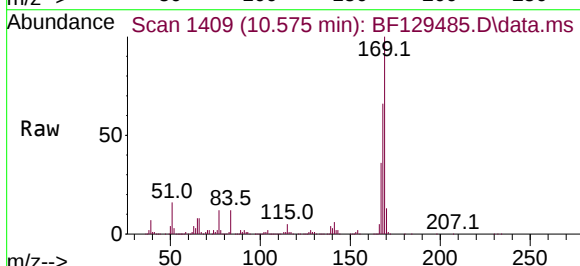
Tgt Ion:198 Resp: 96333
Ion Ratio Lower Upper
198 100
51 47.9 37.6 77.6
105 47.7 27.0 67.0

Manual Integrations
APPROVED

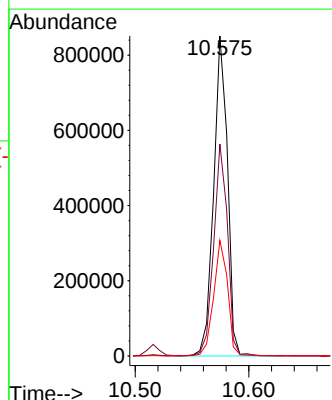
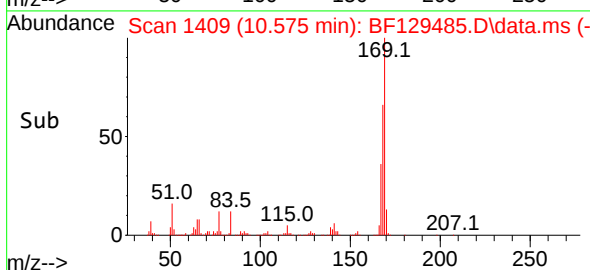
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

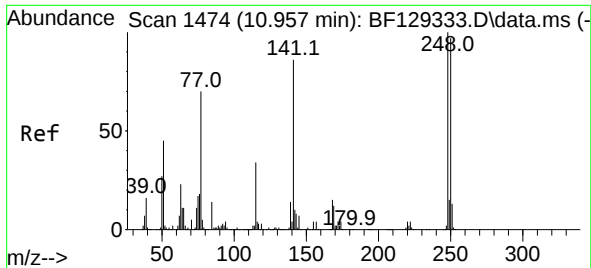


#66
n-Nitrosodiphenylamine
Concen: 54.864 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



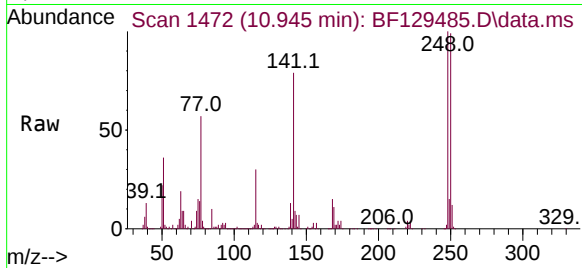
Tgt Ion:169 Resp: 719124
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.1 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 55.685 ng
RT: 10.945 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

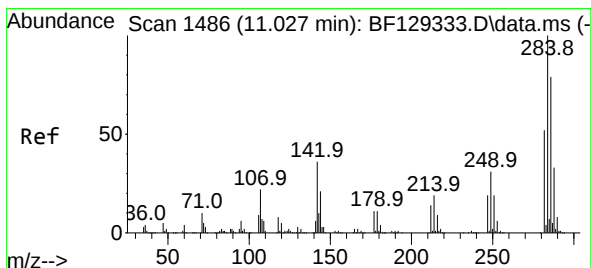
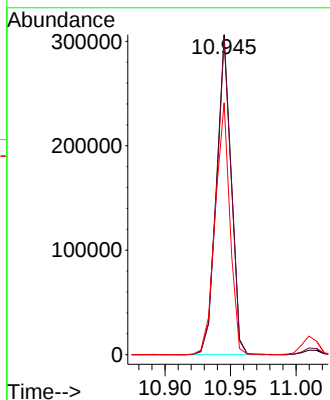
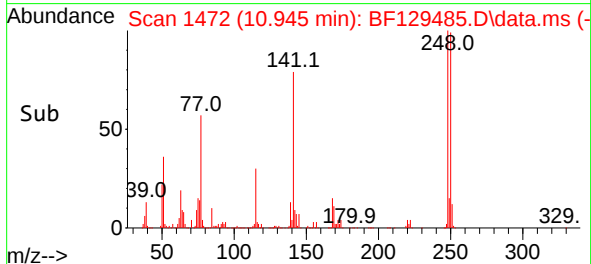
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



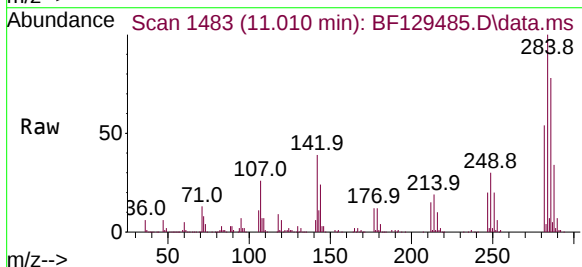
Tgt Ion:248 Resp: 239997
Ion Ratio Lower Upper
248 100
250 98.7 80.6 120.8
141 78.7 58.9 88.3

Manual Integrations
APPROVED

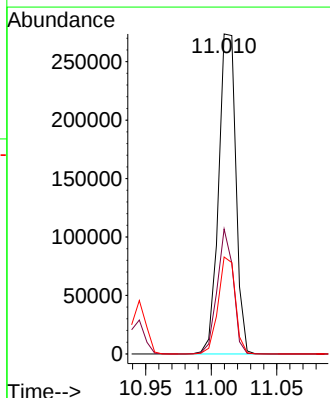
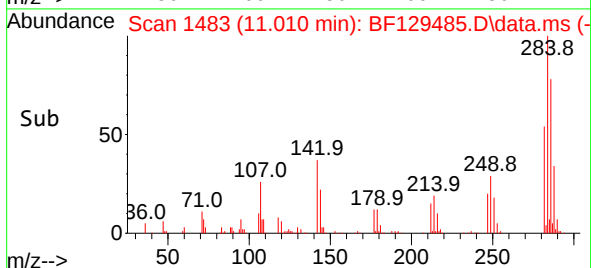
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

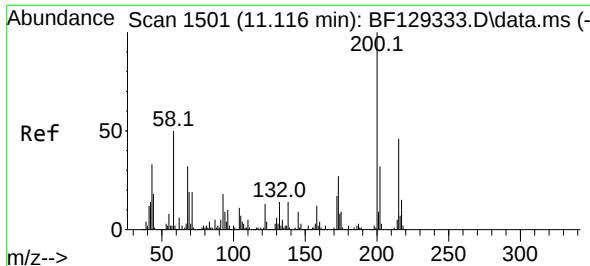


#68
Hexachlorobenzene
Concen: 53.982 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



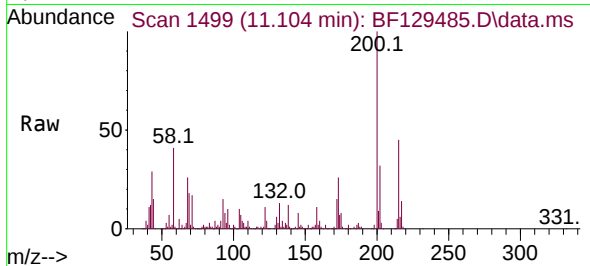
Tgt Ion:284 Resp: 252088
Ion Ratio Lower Upper
284 100
142 39.0 29.0 43.4
249 30.3 25.0 37.6





#69
 Atrazine
 Concen: 52.401 ng
 RT: 11.104 min Scan# 1499
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

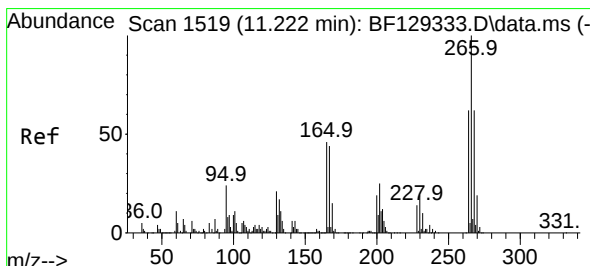
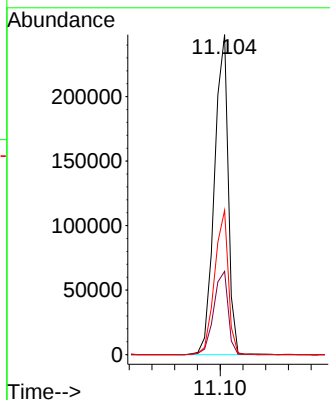
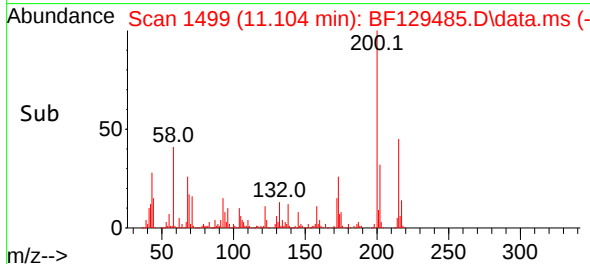
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MSD



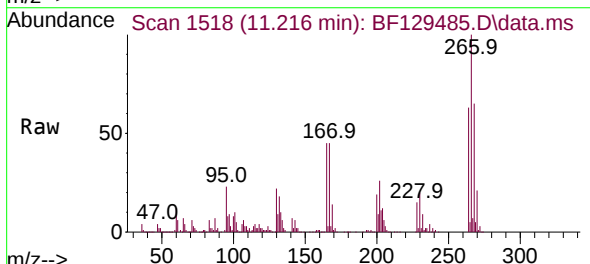
Tgt Ion:200 Resp: 208624
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.3 46.3
 215 45.1 28.3 68.3

Manual Integrations
 APPROVED

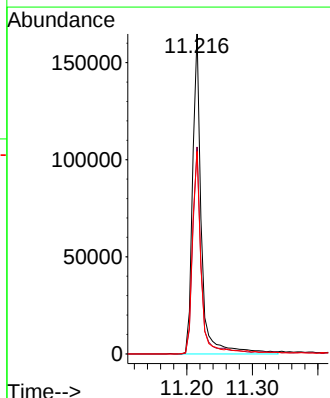
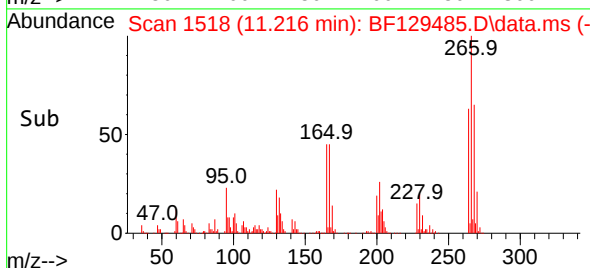
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

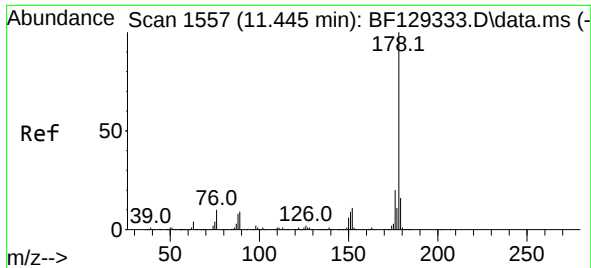


#70
 Pentachlorophenol
 Concen: 60.640 ng
 RT: 11.216 min Scan# 1518
 Delta R.T. 0.006 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31



Tgt Ion:266 Resp: 153948
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.0 76.4
 264 63.3 49.4 74.2





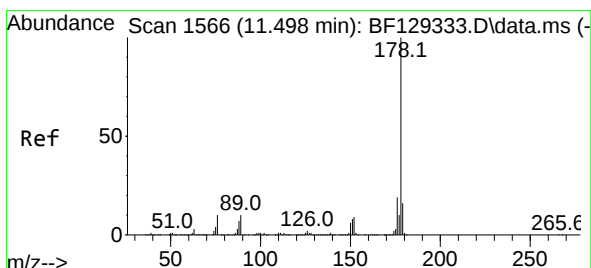
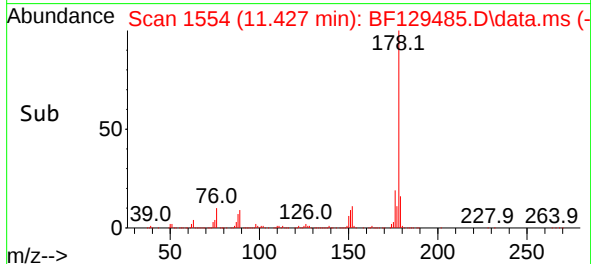
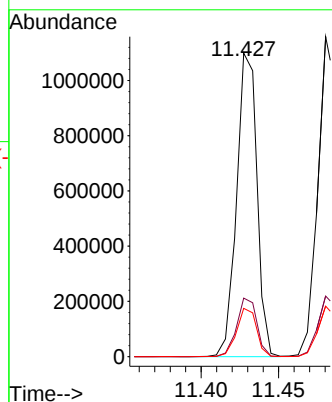
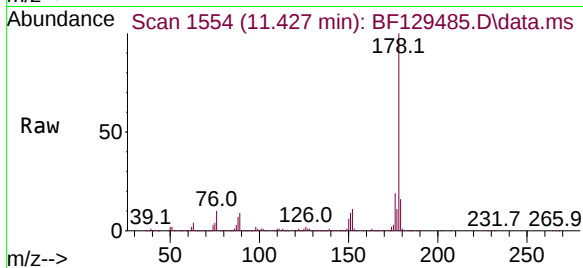
#71
Phenanthrene
Concen: 47.050 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion:178 Resp: 1010864
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.9 12.6 19.0

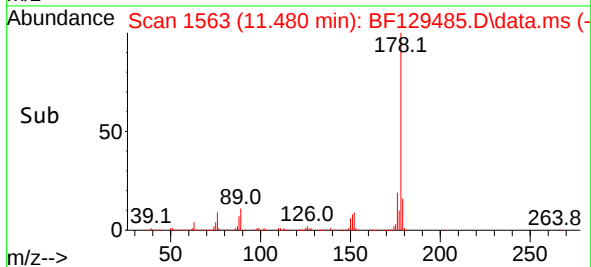
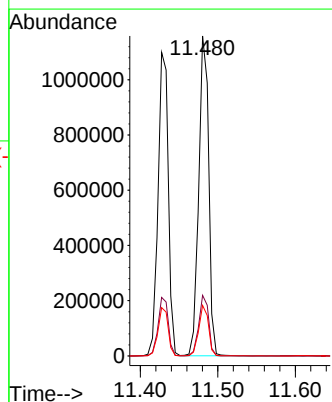
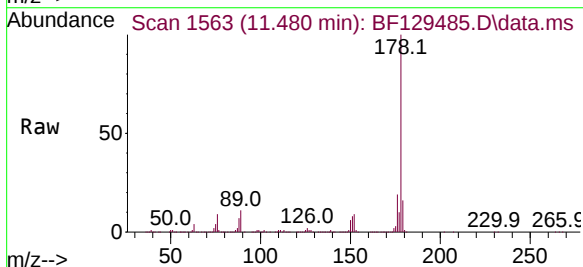
Manual Integrations
APPROVED

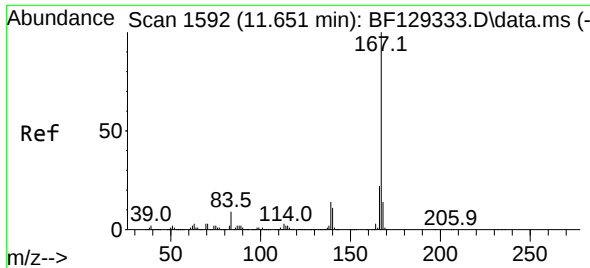
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#72
Anthracene
Concen: 49.003 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

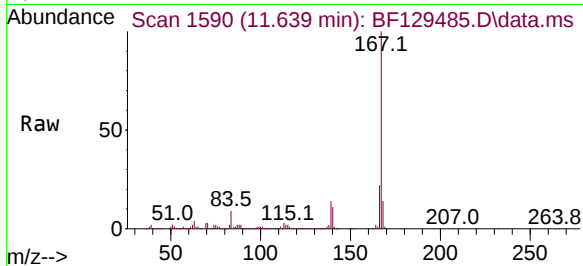
Tgt Ion:178 Resp: 1034619
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 44.922 ng
 RT: 11.639 min Scan# 1590
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

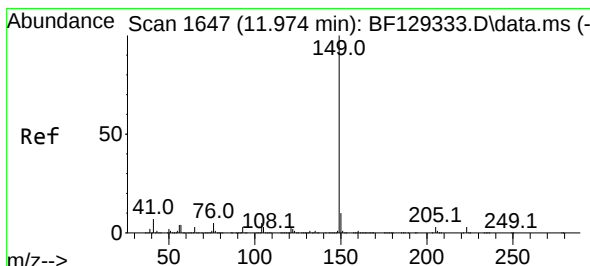
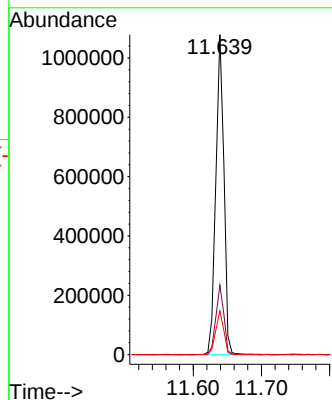
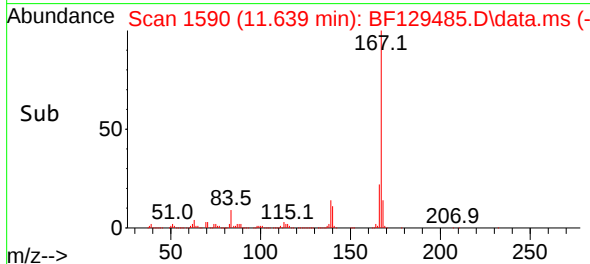
Instrument :
 BNA_F
 ClientSampleId :
 TP1-0729MSD



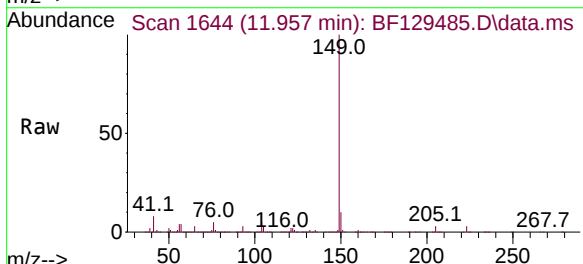
Tgt Ion:167 Resp: 892824
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.7 11.2 16.8

Manual Integrations
 APPROVED

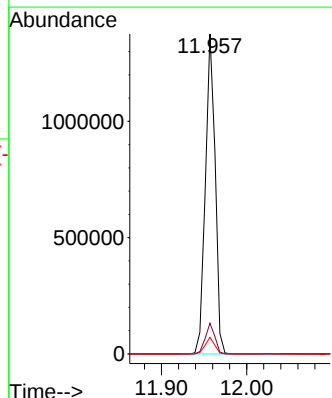
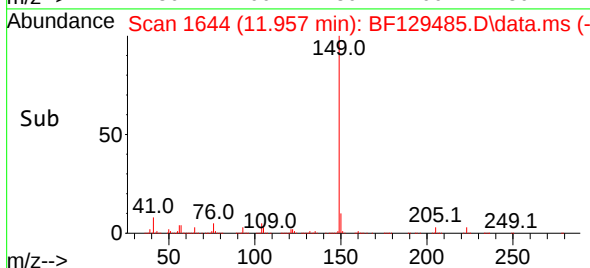
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

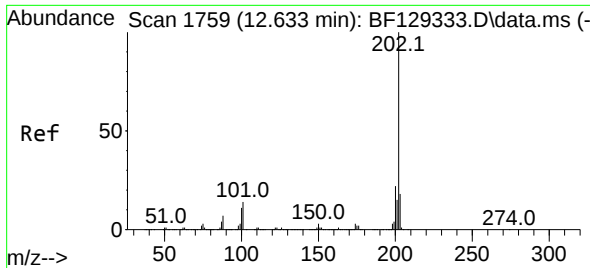


#74
 Di-n-butylphthalate
 Concen: 46.210 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31



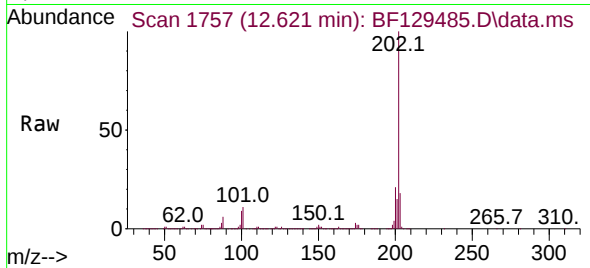
Tgt Ion:149 Resp: 1093740
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.508 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

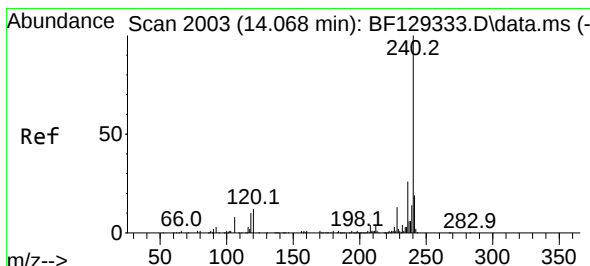
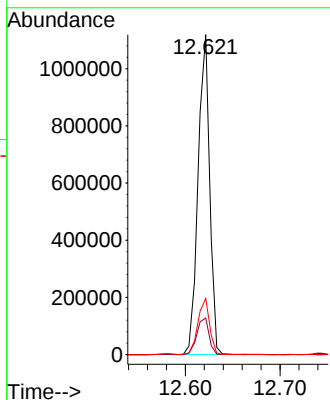
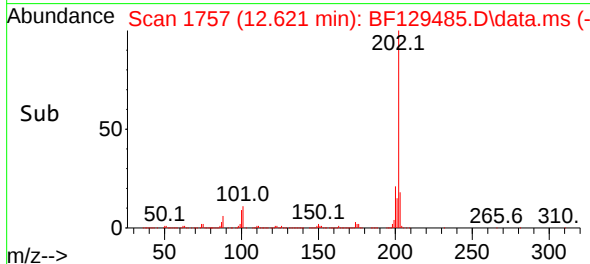
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



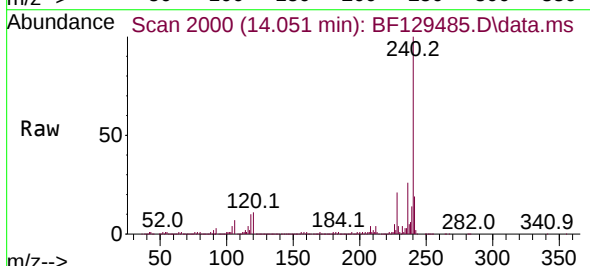
Tgt Ion:202 Resp: 947122
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.6 0.0 38.0

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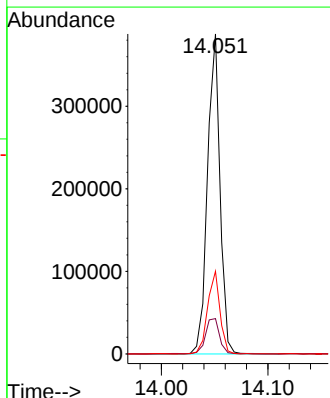
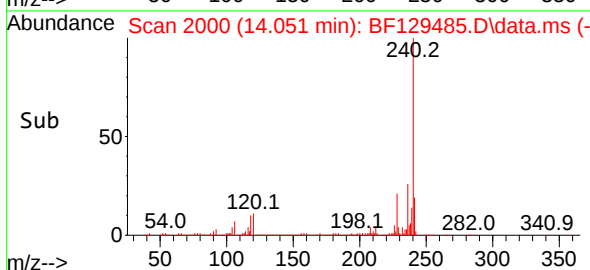
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

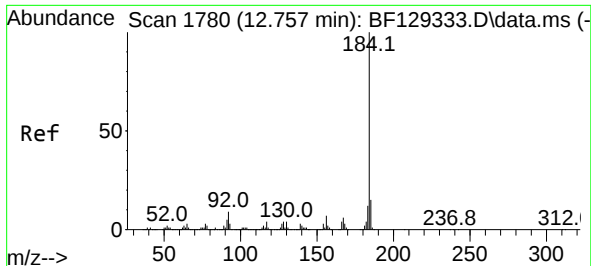


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion:240 Resp: 315213
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.8 20.8 31.2





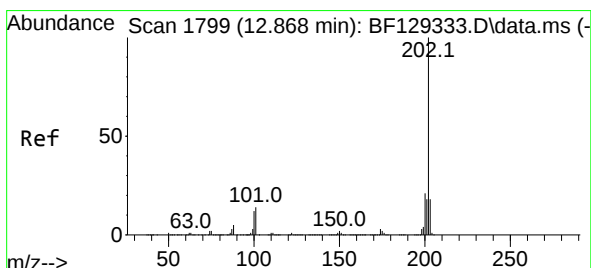
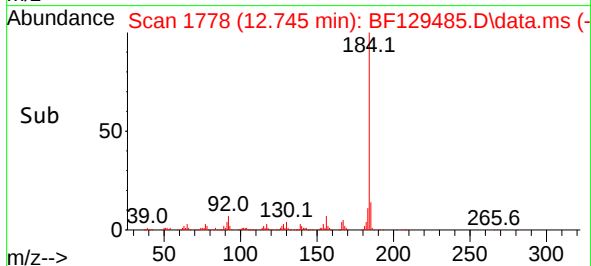
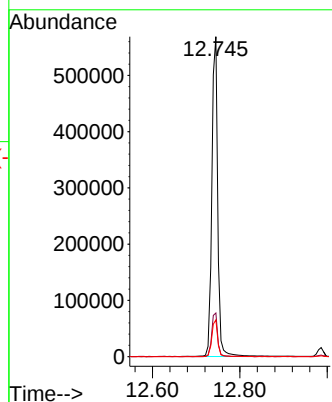
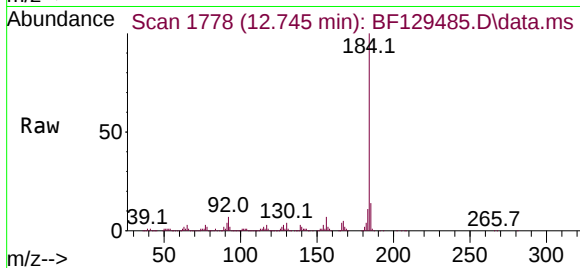
#77
Benzidine
Concen: 47.466 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion:184 Resp: 528562
Ion Ratio Lower Upper
184 100
185 13.6 11.9 17.9
183 11.5 9.3 13.9

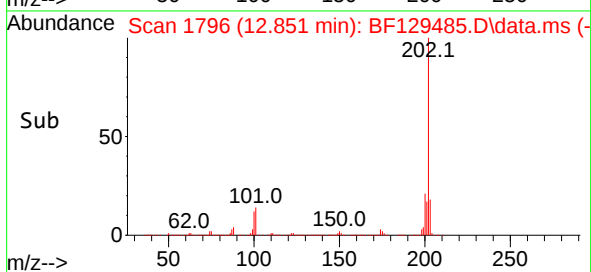
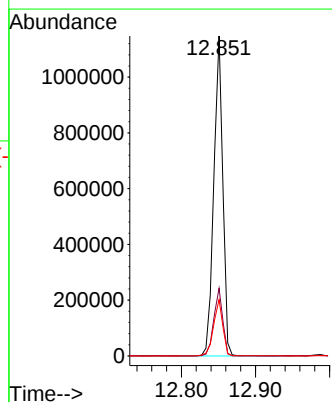
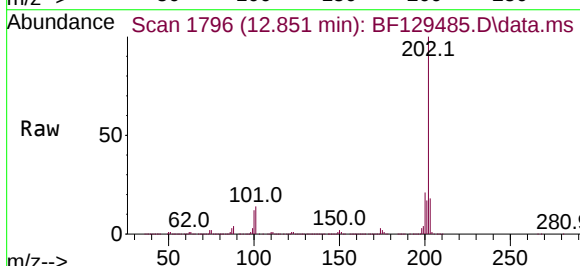
Manual Integrations
APPROVED

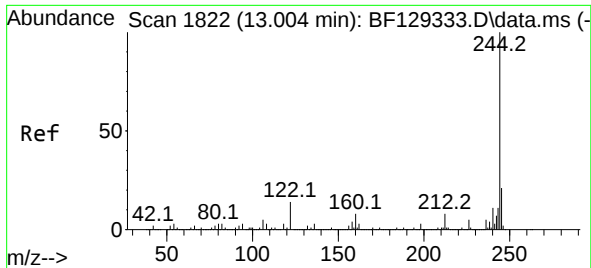
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#78
Pyrene
Concen: 36.777 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:202 Resp: 969417
Ion Ratio Lower Upper
202 100
200 21.1 17.7 26.5
203 17.6 14.6 21.8





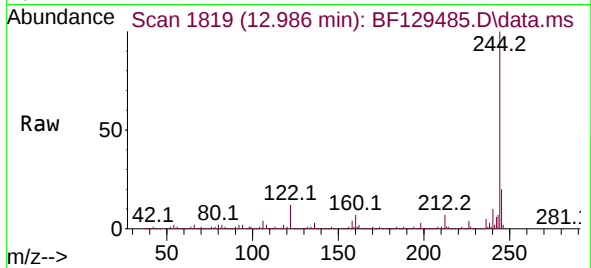
#79
 Terphenyl-d14
 Concen: 59.294 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

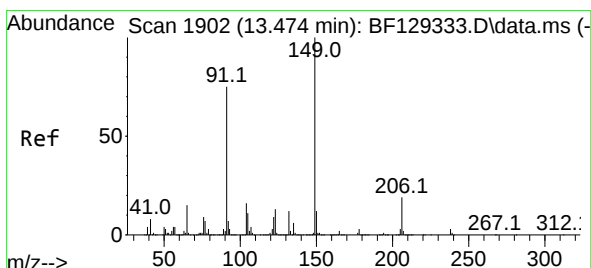
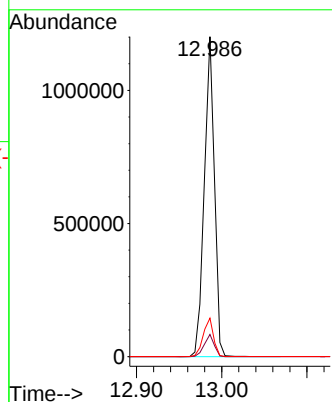
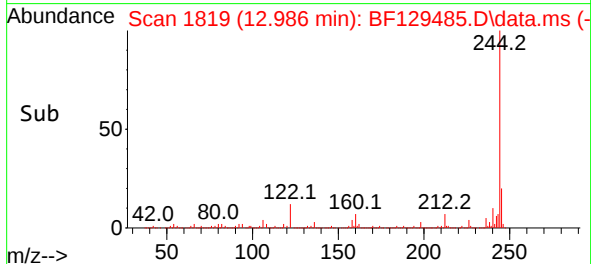


Tgt Ion:244 Resp: 990696
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 12.0 8.8 13.2

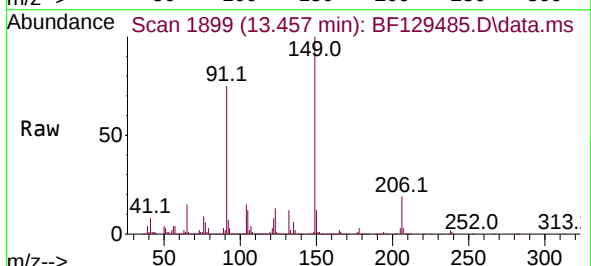
Manual Integrations

APPROVED

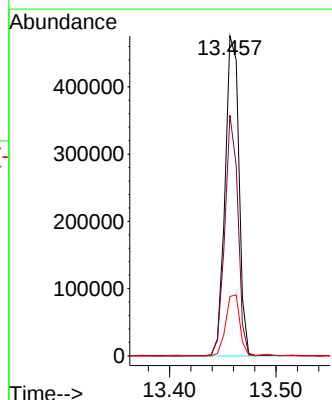
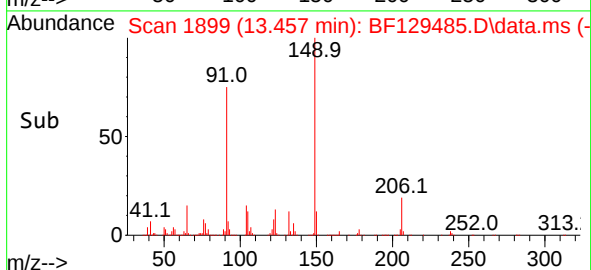
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

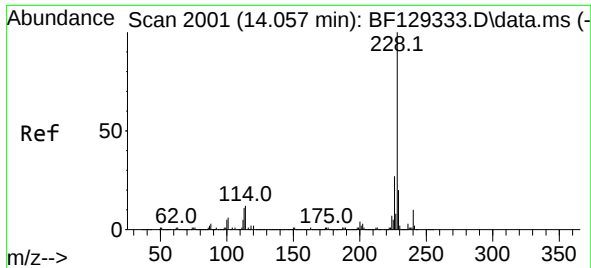


#80
 Butylbenzylphthalate
 Concen: 37.860 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: BF129485.D
 Acq: 01 Aug 2022 21:31



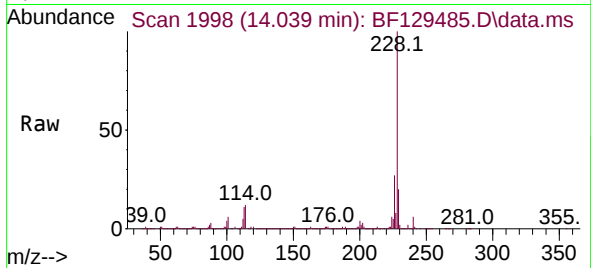
Tgt Ion:149 Resp: 432855
 Ion Ratio Lower Upper
 149 100
 91 75.2 61.2 91.8
 206 18.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 46.738 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

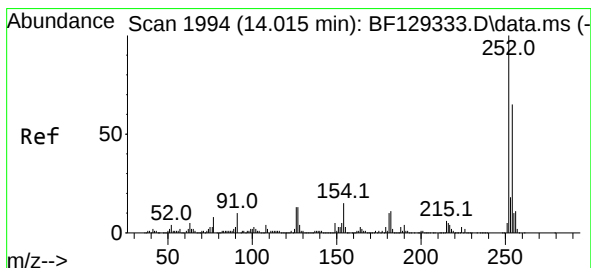
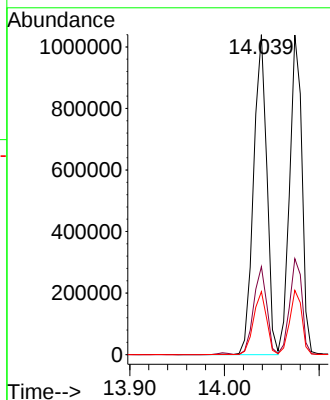
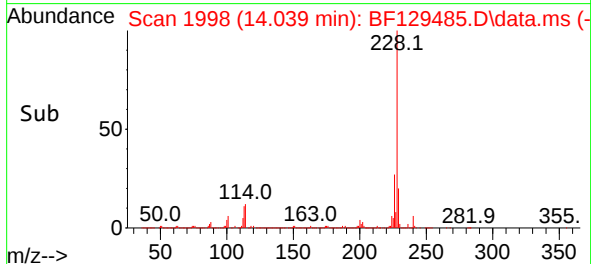
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



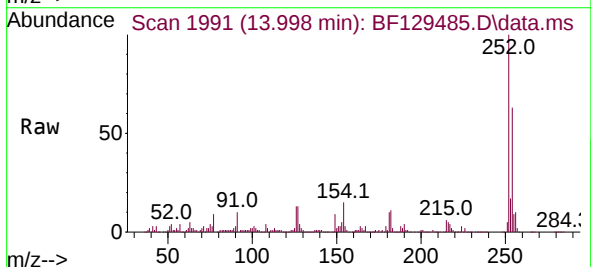
Tgt Ion:228 Resp: 1006359
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.7 15.8 23.8

Manual Integrations
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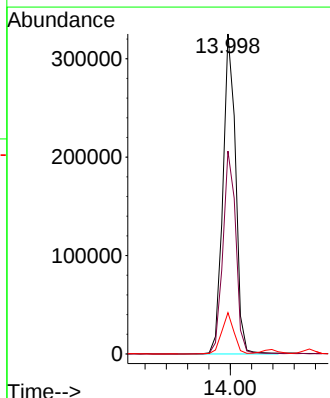
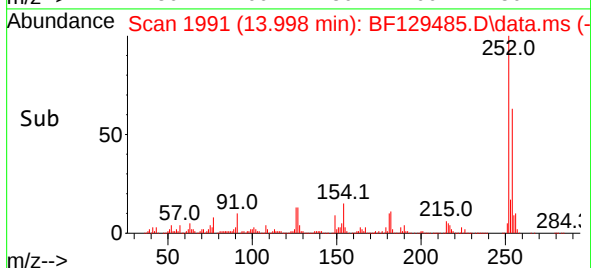
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

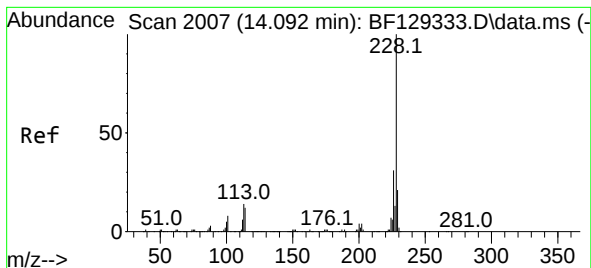


#82
3,3'-Dichlorobenzidine
Concen: 38.061 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion:252 Resp: 270582
Ion Ratio Lower Upper
252 100
254 63.4 50.2 75.4
126 12.9 8.2 12.4





#83

Chrysene

Concen: 46.275 ng

RT: 14.074 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

Tgt Ion:228 Resp: 939063

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

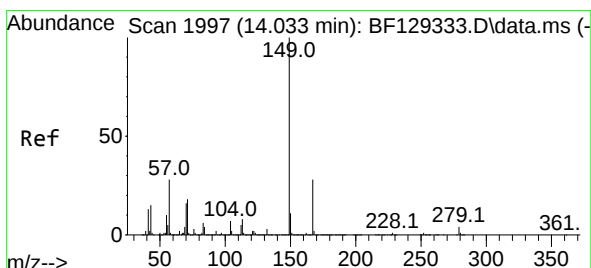
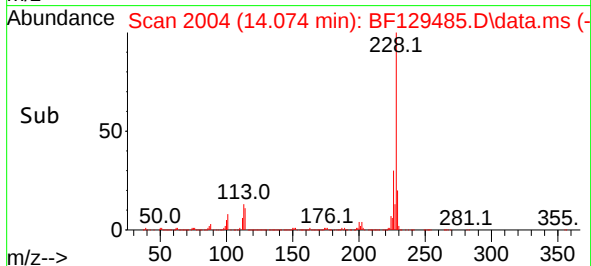
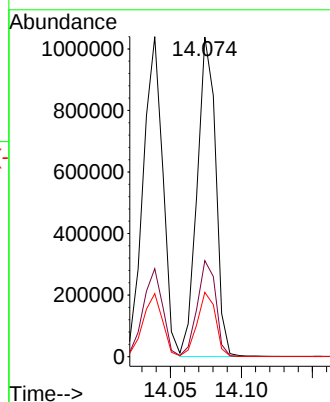
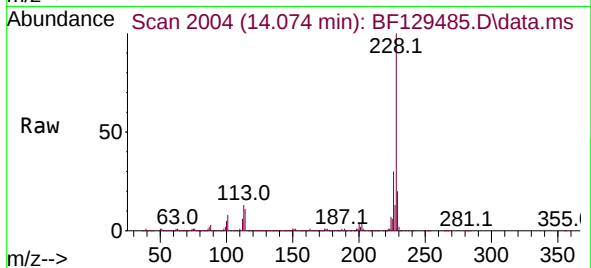
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.021 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

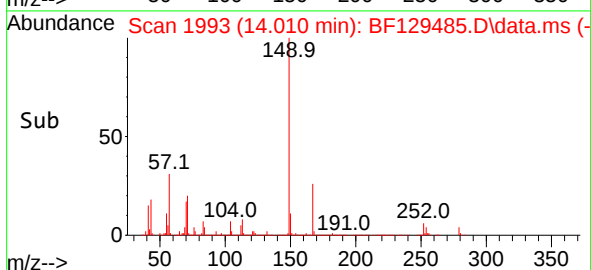
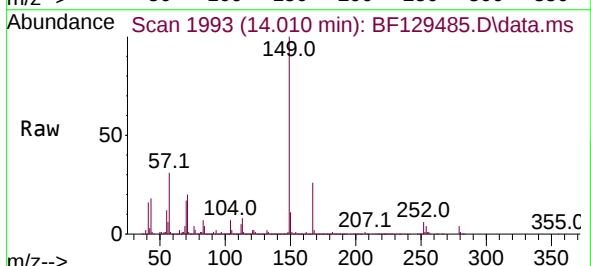
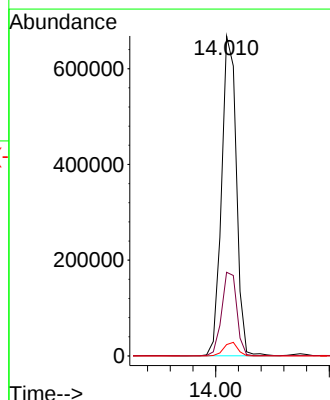
Tgt Ion:149 Resp: 602395

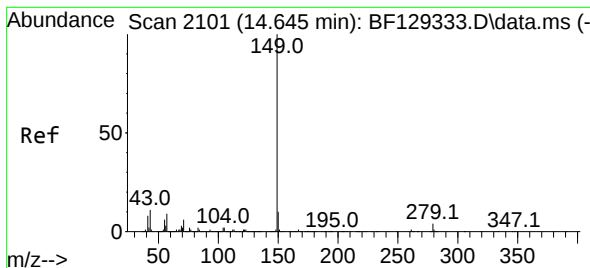
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

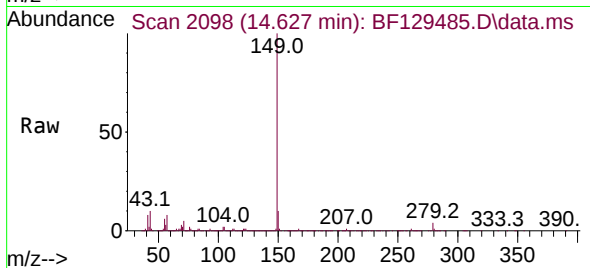
279 3.5 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 52.905 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

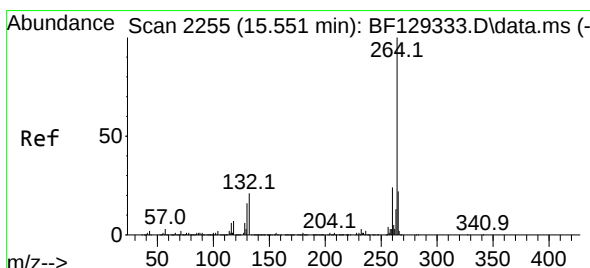
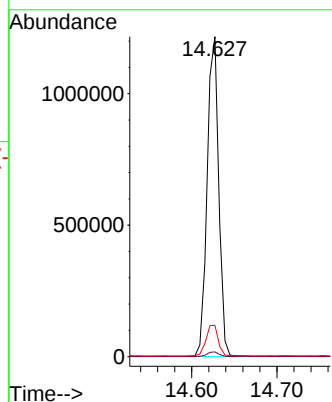
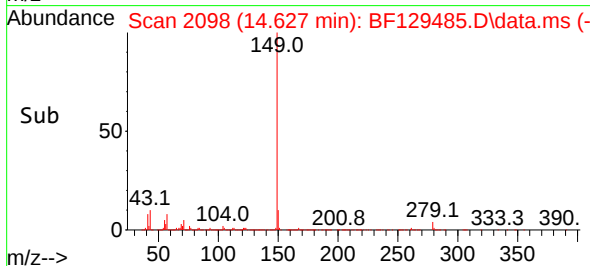
Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD



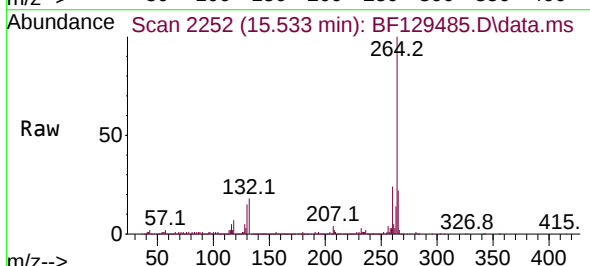
Tgt Ion:149 Resp: 114594
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 9.2 13.8

Manual Integrations
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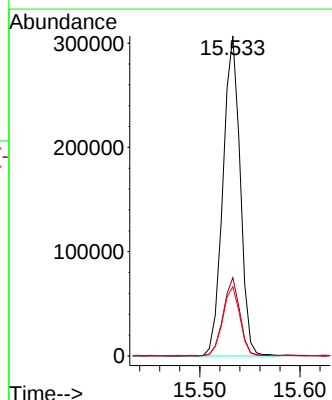
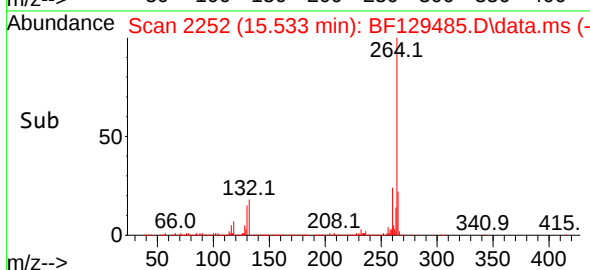
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

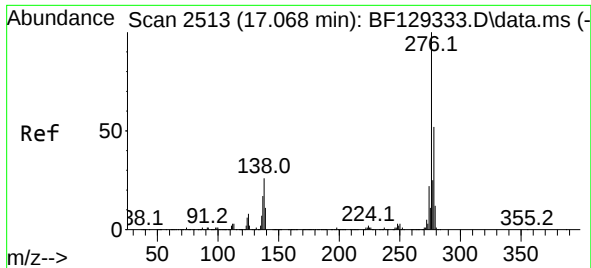


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31



Tgt Ion:264 Resp: 366711
Ion Ratio Lower Upper
264 100
260 24.4 18.4 27.6
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.718 ng
RT: 17.039 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

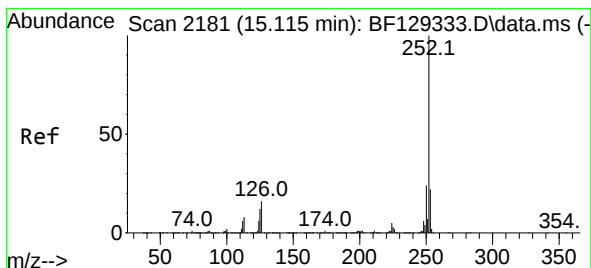
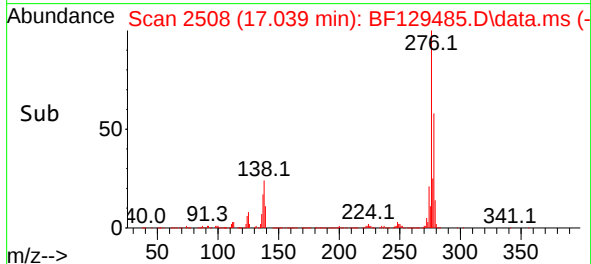
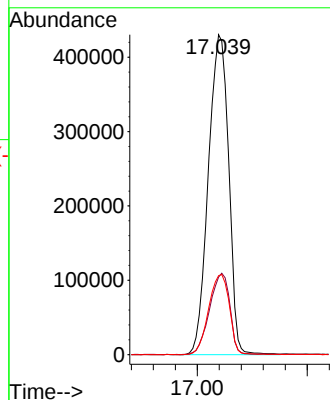
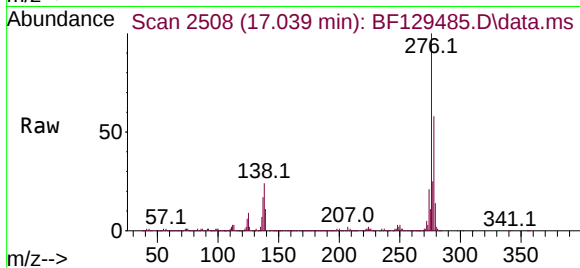
ClientSampleId :

TP1-0729MSD

Tgt Ion:276 Resp: 1104303
Ion Ratio Lower Upper
276 100
138 25.4 21.1 31.7
277 25.6 20.3 30.5

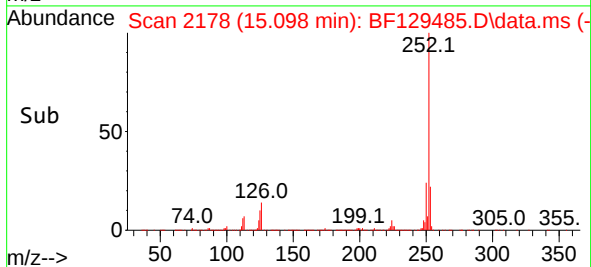
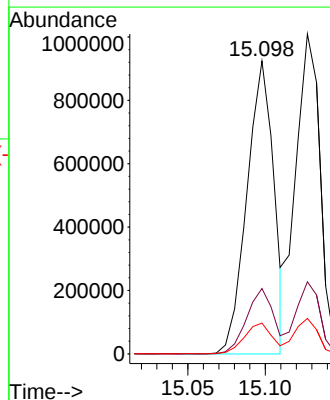
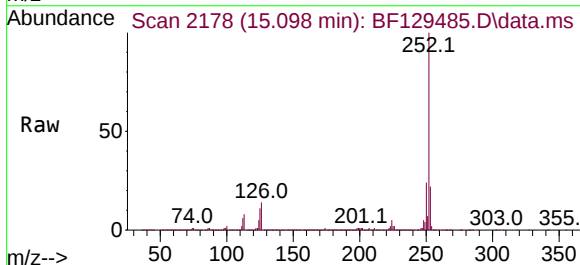
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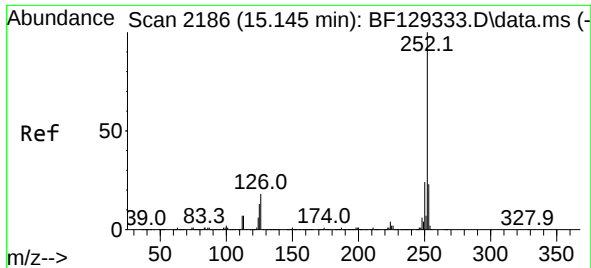
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#88
Benzo(b)fluoranthene
Concen: 46.033 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:252 Resp: 1119750
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.204 ng

RT: 15.127 min Scan# 2186

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

Instrument :

BNA_F

ClientSampleId :

TP1-0729MSD

Tgt Ion:252 Resp: 1101408

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

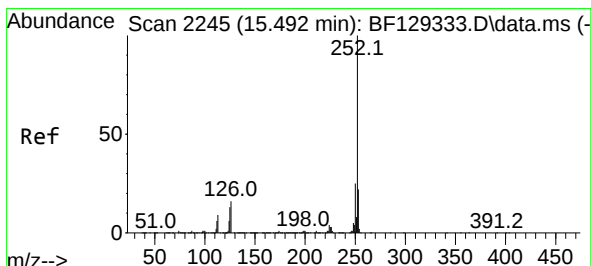
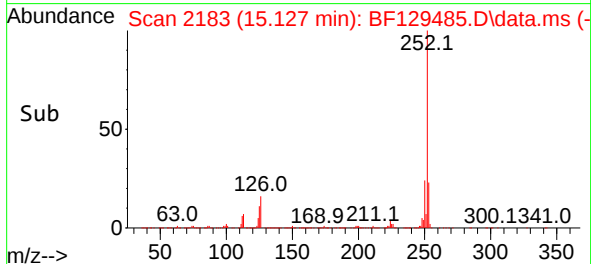
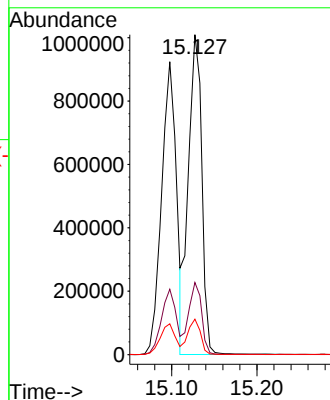
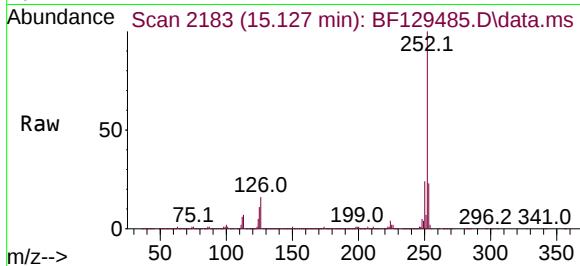
125 11.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/02/2022

Supervised By :Jagrut Upadhyay 08/02/2022



#90

Benzo(a)pyrene

Concen: 50.564 ng

RT: 15.474 min Scan# 2242

Delta R.T. 0.006 min

Lab File: BF129485.D

Acq: 01 Aug 2022 21:31

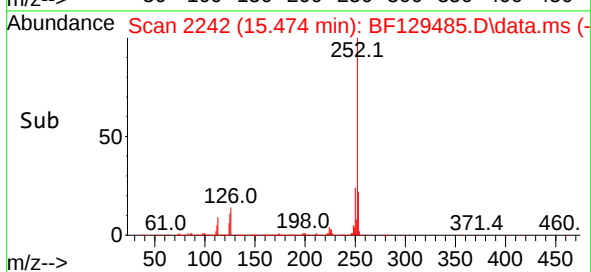
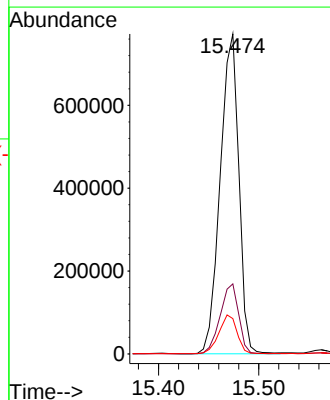
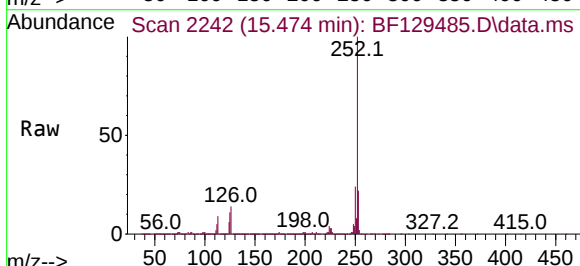
Tgt Ion:252 Resp: 998466

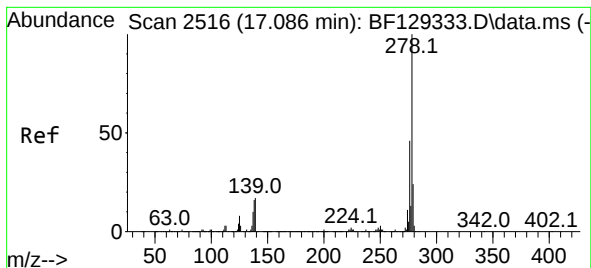
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 11.0 8.8 13.2





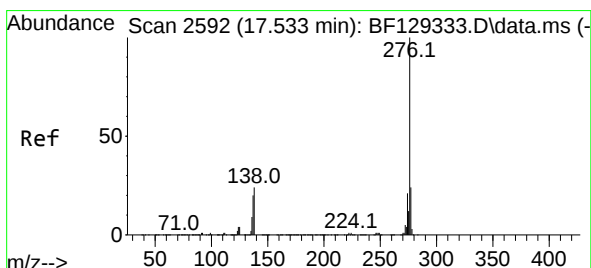
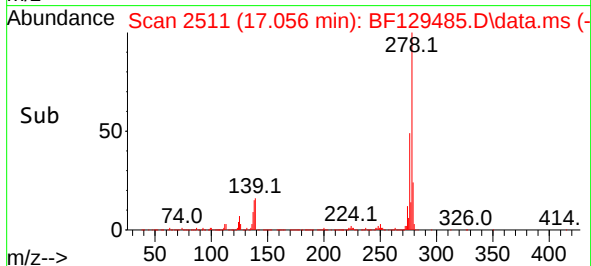
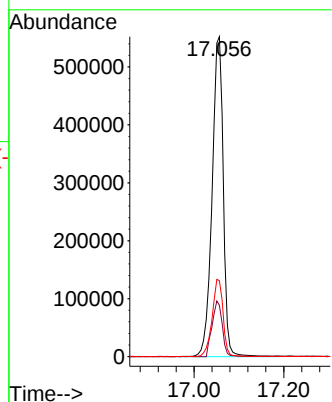
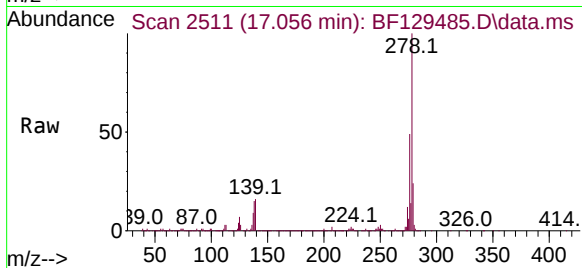
#91
Dibenzo(a,h)anthracene
Concen: 47.434 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Instrument :
BNA_F
ClientSampleId :
TP1-0729MSD

Tgt Ion:278 Resp: 953382
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.7 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#92
Benzo(g,h,i)perylene
Concen: 44.240 ng
RT: 17.498 min Scan# 2586
Delta R.T. 0.006 min
Lab File: BF129485.D
Acq: 01 Aug 2022 21:31

Tgt Ion:276 Resp: 908609
Ion Ratio Lower Upper
276 100
277 24.8 19.1 28.7
138 22.7 18.0 27.0

