

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129401.D
 Acq On : 28 Jul 2022 10:52
 Operator : CG\JU
 Sample : PB146497BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146497BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 02:06:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	241223	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	961594	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	498175	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	819153	20.000	ng	0.00
76) Chrysene-d12	14.069	240	573535	20.000	ng	0.00
86) Perylene-d12	15.557	264	415858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1814691	122.548	ng	0.03
7) Phenol-d6	6.534	99	2249730	120.870	ng	0.02
23) Nitrobenzene-d5	7.457	82	1496833	84.973	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	605831	126.489	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2514389	78.078	ng	0.00
79) Terphenyl-d14	13.010	244	2681763	88.214	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	226940	33.967	ng	91
3) Pyridine	3.557	79	551585	29.729	ng	91
4) n-Nitrosodimethylamine	3.505	42	367449	45.100	ng	# 94
6) Aniline	6.551	93	821306	35.495	ng	93
8) 2-Chlorophenol	6.675	128	775302	47.923	ng	96
9) Benzaldehyde	6.440	77	204399	16.171	ng	98
10) Phenol	6.546	94	885929m	44.697	ng	
11) bis(2-Chloroethyl)ether	6.622	93	730541	46.474	ng	93
12) 1,3-Dichlorobenzene	6.828	146	774764	44.652	ng	97
13) 1,4-Dichlorobenzene	6.904	146	782618	44.351	ng	99
14) 1,2-Dichlorobenzene	7.057	146	748606	46.154	ng	99
15) Benzyl Alcohol	7.034	79	641822	47.546	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	987287	41.783	ng	84
17) 2-Methylphenol	7.145	107	593024	44.186	ng	96
18) Hexachloroethane	7.398	117	300981	45.298	ng	94
19) n-Nitroso-di-n-propyla...	7.304	70	497790	44.177	ng	93
20) 3+4-Methylphenols	7.298	107	689546	40.408	ng	# 82
22) Acetophenone	7.298	105	975902	43.591	ng	# 92
24) Nitrobenzene	7.475	77	776039	42.782	ng	95
25) Isophorone	7.710	82	1418665	44.929	ng	100
26) 2-Nitrophenol	7.787	139	402543	44.983	ng	96
27) 2,4-Dimethylphenol	7.828	122	687381m	51.208	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	863504	47.142	ng	99
29) 2,4-Dichlorophenol	8.028	162	600815	43.366	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	637533	44.456	ng	97
31) Naphthalene	8.192	128	2076043	42.494	ng	100
32) Benzoic acid	7.957	122	346259	35.682	ng	97
33) 4-Chloroaniline	8.240	127	579211	28.877	ng	99
34) Hexachlorobutadiene	8.304	225	368974	45.263	ng	99
35) Caprolactam	8.634	113	191042m	42.413	ng	
36) 4-Chloro-3-methylphenol	8.734	107	652874	44.430	ng	94
37) 2-Methylnaphthalene	8.881	142	1352138	42.589	ng	99
38) 1-Methylnaphthalene	8.981	142	1287647	42.013	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	577513	44.149	ng	98
41) Hexachlorocyclopentadiene	9.034	237	624015	107.130	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	407694	42.911	ng	97

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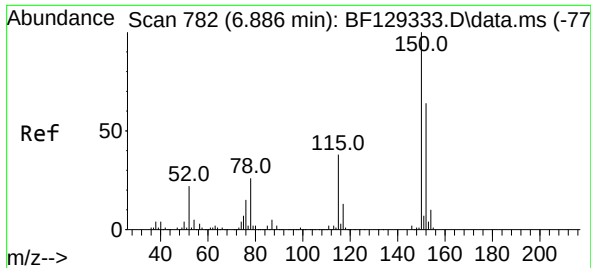
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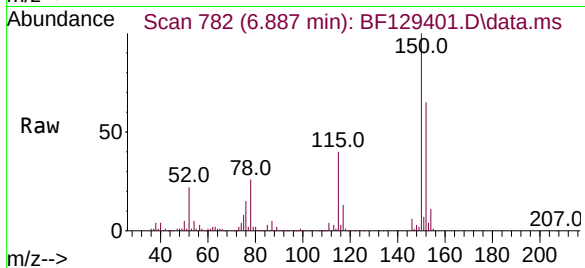
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	423874	41.025	ng	# 93
46) 1,1'-Biphenyl	9.351	154	1578420	43.415	ng	99
47) 2-Chloronaphthalene	9.375	162	1248495	42.479	ng	99
48) 2-Nitroaniline	9.481	65	414097	42.371	ng	86
49) Acenaphthylene	9.792	152	1956758	43.815	ng	99
50) Dimethylphthalate	9.657	163	1451629	42.210	ng	99
51) 2,6-Dinitrotoluene	9.722	165	337187	43.806	ng	92
52) Acenaphthene	9.963	154	1347746m	46.205	ng	
53) 3-Nitroaniline	9.892	138	284956	31.351	ng	# 91
54) 2,4-Dinitrophenol	9.998	184	346307	88.131	ng	95
55) Dibenzofuran	10.139	168	1697402	42.213	ng	96
56) 4-Nitrophenol	10.063	139	530389	79.096	ng	92
57) 2,4-Dinitrotoluene	10.128	165	438921	43.650	ng	95
58) Fluorene	10.481	166	1339010	41.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	324451	40.635	ng	91
60) Diethylphthalate	10.351	149	1408814	42.377	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	609301	42.958	ng	90
62) 4-Nitroaniline	10.516	138	360998	40.037	ng	97
63) Azobenzene	10.634	77	1388348	40.944	ng	95
65) 4,6-Dinitro-2-methylph...	10.534	198	221140	42.771	ng	96
66) n-Nitrosodiphenylamine	10.592	169	1182127	43.333	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	402006	44.817	ng	97
68) Hexachlorobenzene	11.028	284	444356	45.719	ng	98
69) Atrazine	11.122	200	365331	44.090	ng	96
70) Pentachlorophenol	11.228	266	425565	80.543	ng	99
71) Phenanthrene	11.445	178	1897602	42.437	ng	99
72) Anthracene	11.498	178	1915928	43.601	ng	99
73) Carbazole	11.657	167	1814405	43.863	ng	99
74) Di-n-butylphthalate	11.975	149	2119978	43.036	ng	99
75) Fluoranthene	12.639	202	1971861	43.522	ng	100
77) Benzidine	12.757	184	595594	29.395	ng	99
78) Pyrene	12.869	202	2000216	41.705	ng	100
80) Butylbenzylphthalate	13.480	149	898899	43.210	ng	92
81) Benzo(a)anthracene	14.057	228	1675040	42.755	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	467305	36.126	ng	# 99
83) Chrysene	14.098	228	1533721	41.538	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1182938	43.193	ng	98
85) Di-n-octyl phthalate	14.645	149	1739968	44.149	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1268795	45.307	ng	99
88) Benzo(b)fluoranthene	15.116	252	1378909	49.987	ng	98
89) Benzo(k)fluoranthene	15.151	252	1269103	46.947	ng	100
90) Benzo(a)pyrene	15.498	252	1213887	54.209	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1095326	48.056	ng	98
92) Benzo(g,h,i)perylene	17.539	276	1148674	49.319	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 78
 Delta R.T. 0.001 min
 Lab File: BF129401.D
 Acq: 28 Jul 2022 10:52

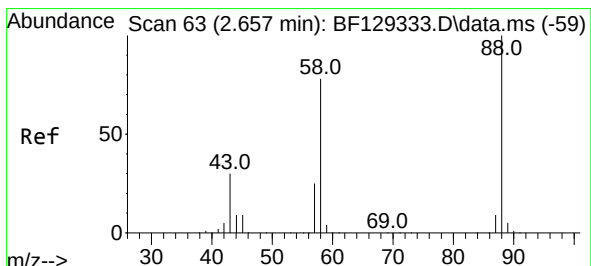
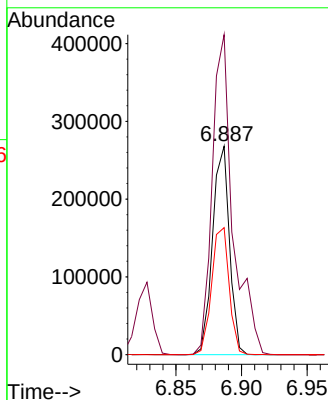
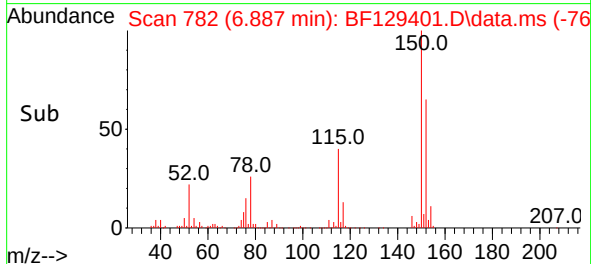
Instrument :
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 PB146497BS



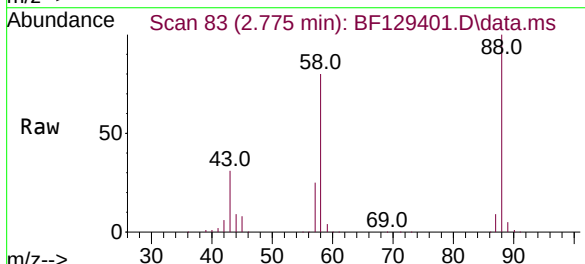
Tgt Ion:152 Resp: 241223
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.7 185.5
 115 60.9 49.9 74.9

Manual Integrations
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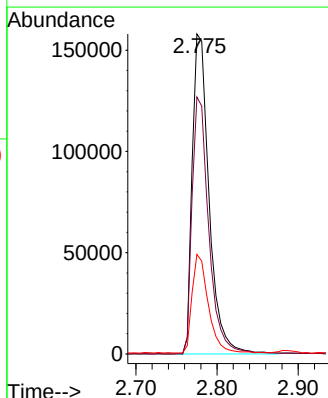
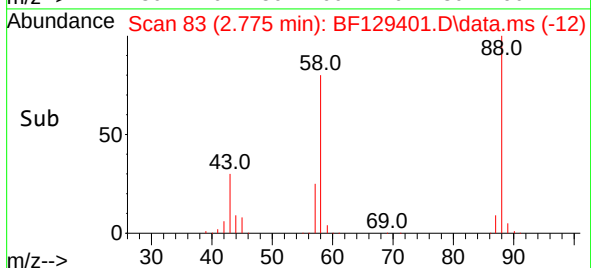
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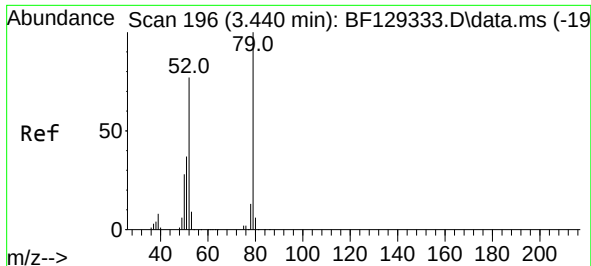


#2
 1,4-Dioxane
 Concen: 33.967 ng
 RT: 2.775 min Scan# 83
 Delta R.T. 0.118 min
 Lab File: BF129401.D
 Acq: 28 Jul 2022 10:52



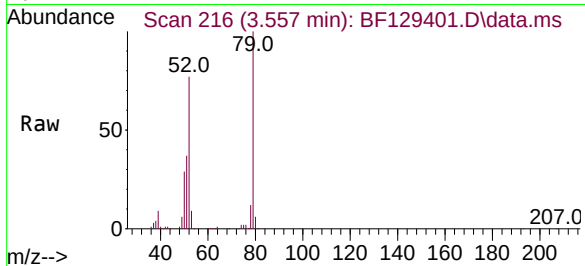
Tgt Ion: 88 Resp: 226940
 Ion Ratio Lower Upper
 88 100
 58 80.0 71.8 107.8
 43 29.8 26.6 39.8





#3
Pyridine
Concen: 29.729 ng
RT: 3.557 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

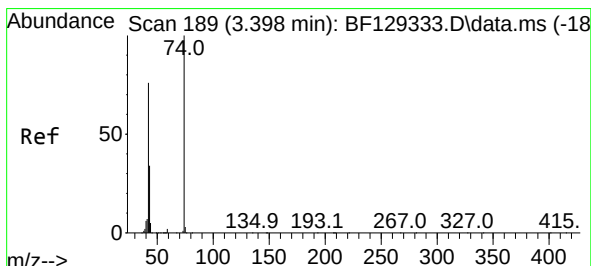
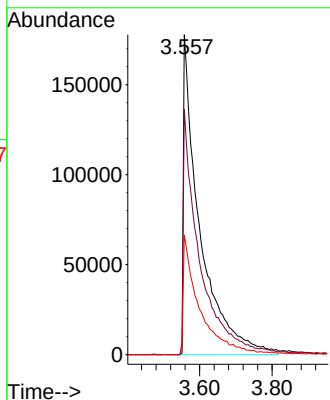
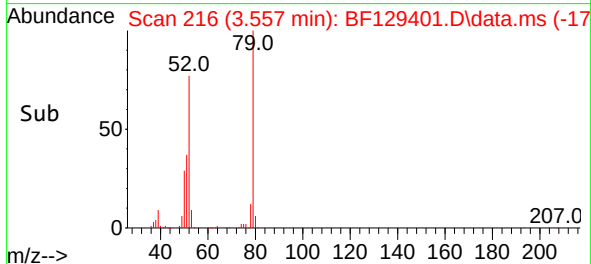
Instrument :
BNA_F
ClientSampleId :
PB146497BS



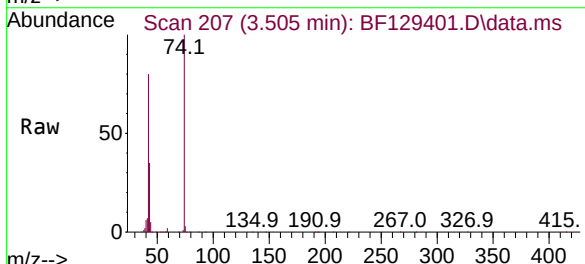
Tgt Ion: 79 Resp: 551585
Ion Ratio Lower Upper
79 100
52 76.6 68.6 102.8
51 37.3 32.9 49.3

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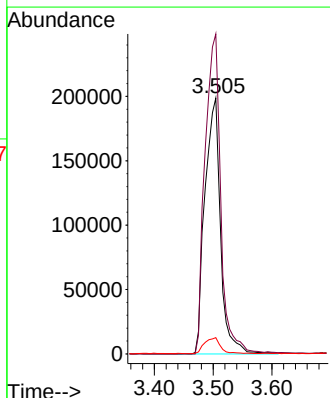
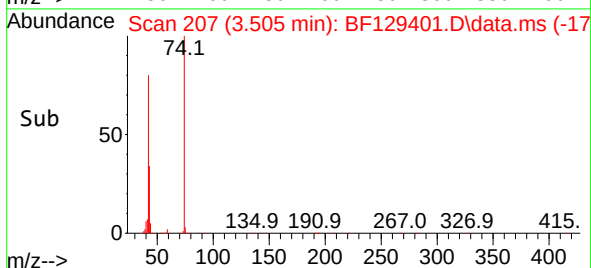
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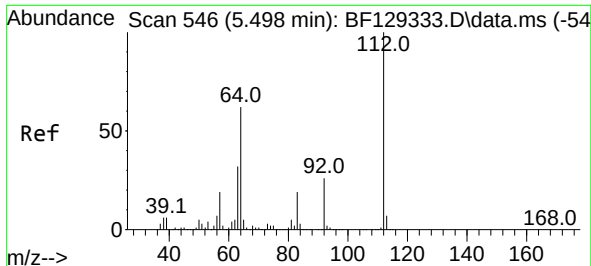


#4
n-Nitrosodimethylamine
Concen: 45.100 ng
RT: 3.505 min Scan# 207
Delta R.T. 0.106 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion: 42 Resp: 367449
Ion Ratio Lower Upper
42 100
74 125.1 94.8 142.2
44 6.4 6.6 10.0#





#5
2-Fluorophenol
Concen: 122.548 ng
RT: 5.528 min Scan# 546
Delta R.T. 0.030 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

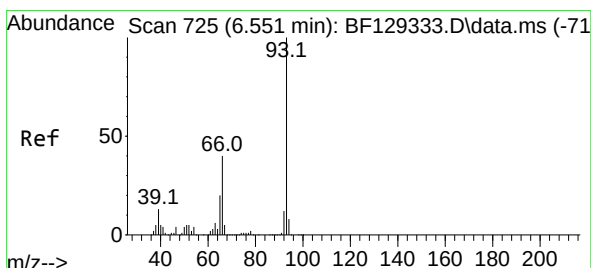
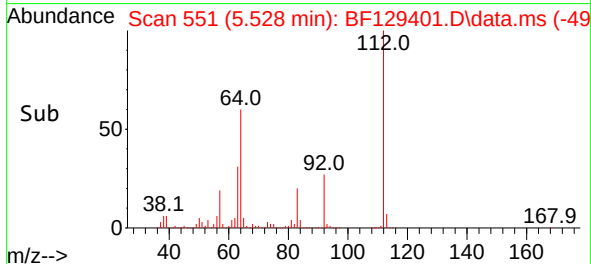
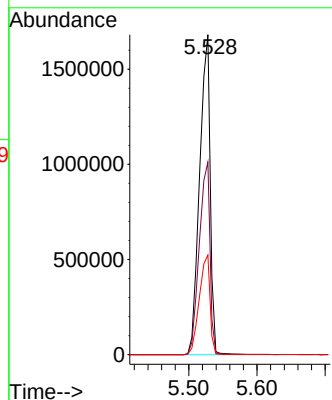
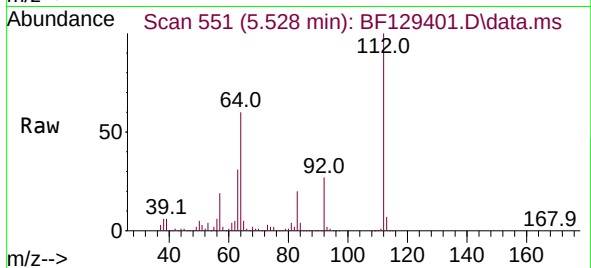
PB146497BS

Tgt Ion:112 Resp: 181469
Ion Ratio Lower Upper
112 100
64 60.2 53.3 79.9
63 31.1 28.0 42.0

Manual Integrations

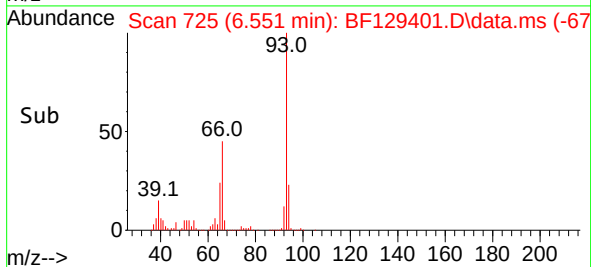
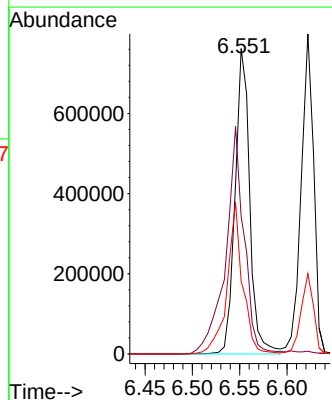
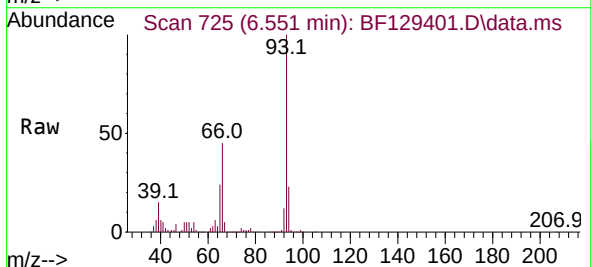
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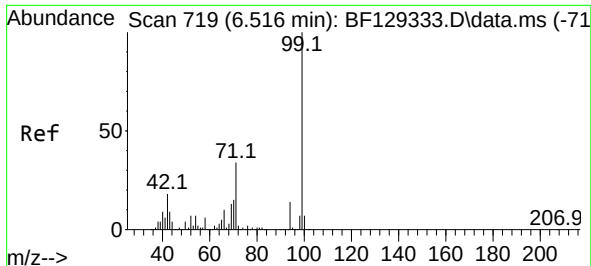
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#6
Aniline
Concen: 35.495 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

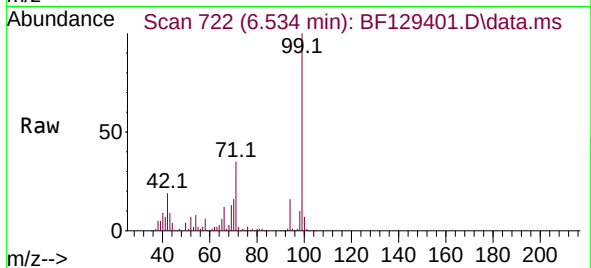
Tgt Ion: 93 Resp: 821306
Ion Ratio Lower Upper
93 100
66 45.0 32.5 48.7
65 23.8 16.4 24.6





#7
Phenol-d6
Concen: 120.870 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

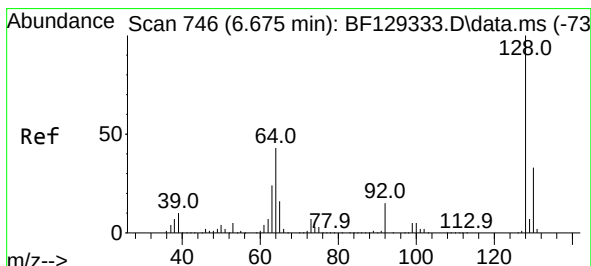
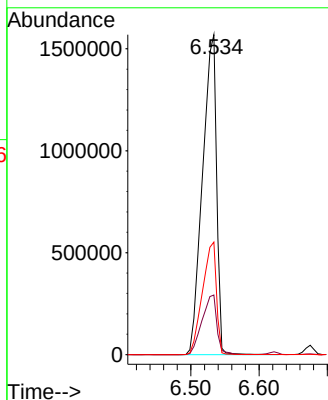
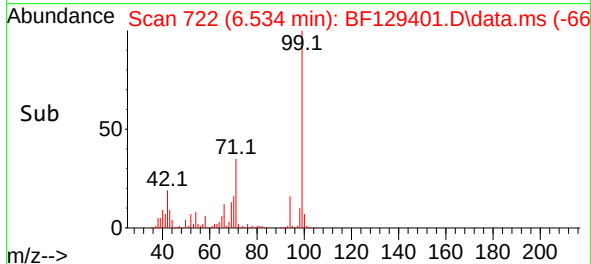
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 2249730
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 35.2 28.9 43.3

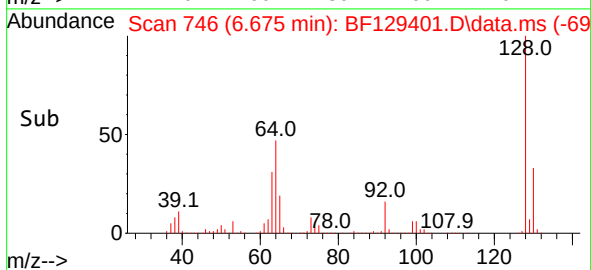
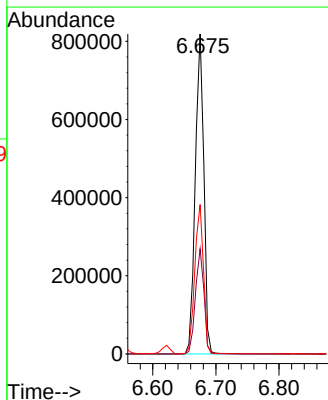
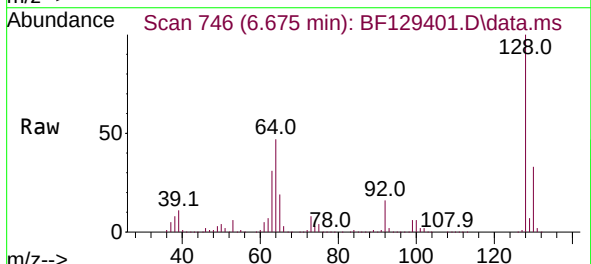
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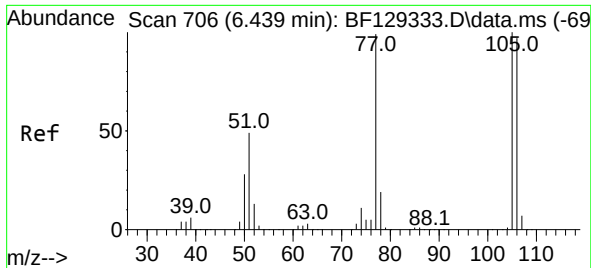
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#8
2-Chlorophenol
Concen: 47.923 ng
RT: 6.675 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:128 Resp: 775302
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 46.7 30.9 70.9





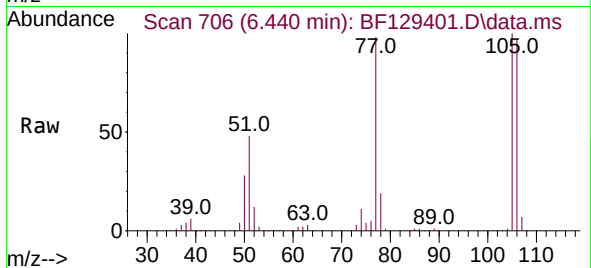
#9
Benzaldehyde
Concen: 16.171 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

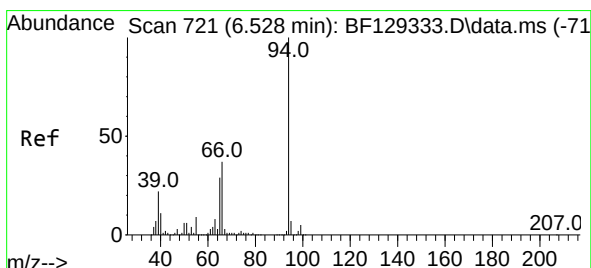
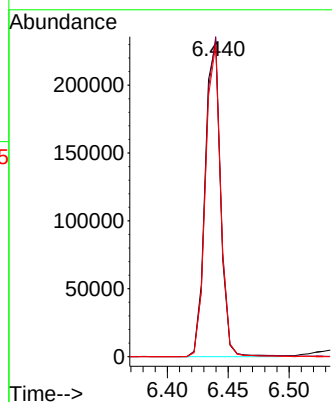
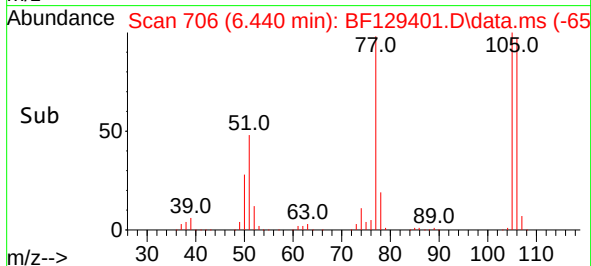


Tgt Ion: 77 Resp: 204399
Ion Ratio Lower Upper
77 100
105 101.9 81.6 121.6
106 99.3 76.1 116.1

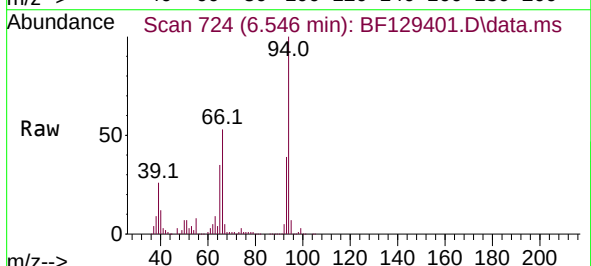
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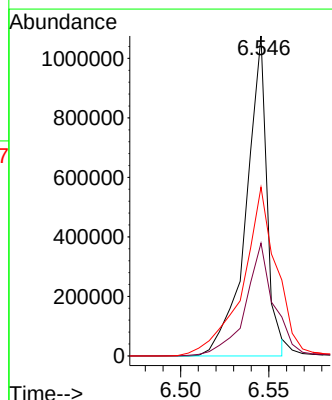
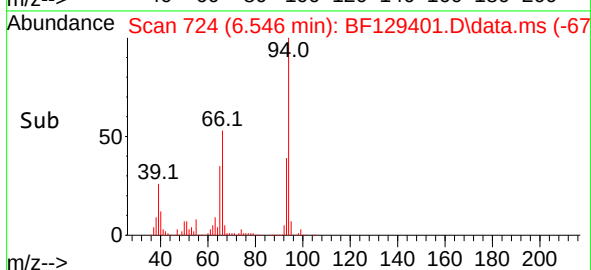
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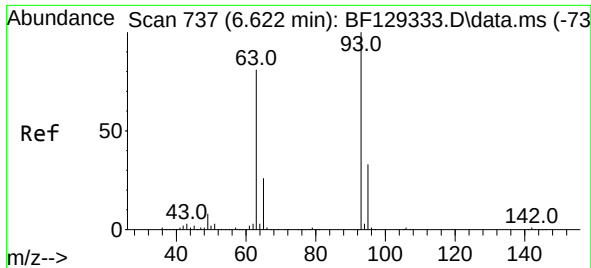


#10
Phenol
Concen: 44.697 ng m
RT: 6.546 min Scan# 724
Delta R.T. 0.018 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion: 94 Resp: 885929
Ion Ratio Lower Upper
94 100
65 35.2 11.4 51.4
66 52.7 21.4 61.4





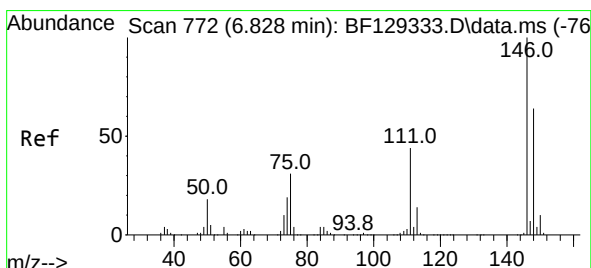
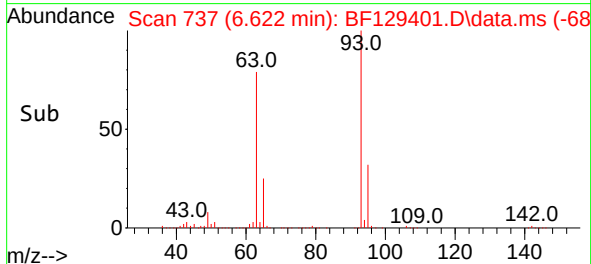
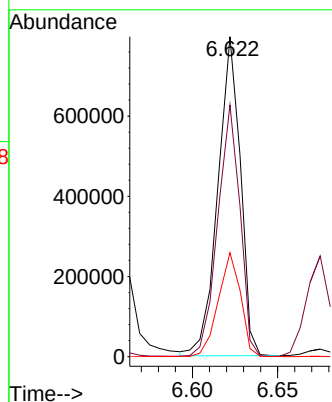
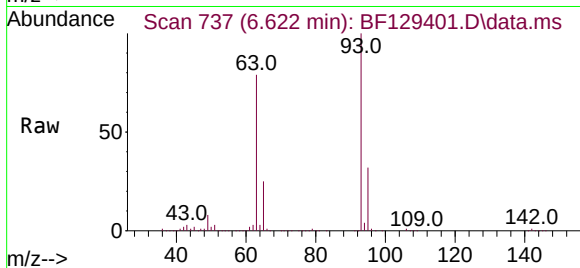
#11
bis(2-Chloroethyl)ether
Concen: 46.474 ng
RT: 6.622 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Tgt Ion: 93 Resp: 730541
Ion Ratio Lower Upper
93 100
63 78.6 67.4 107.4
95 32.5 12.7 52.7

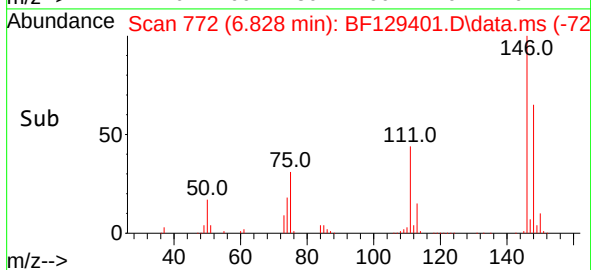
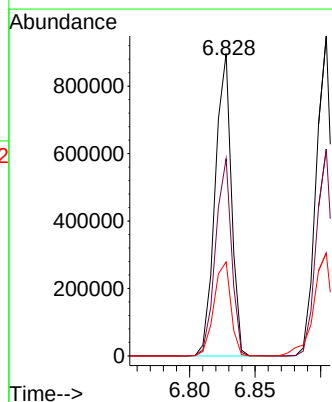
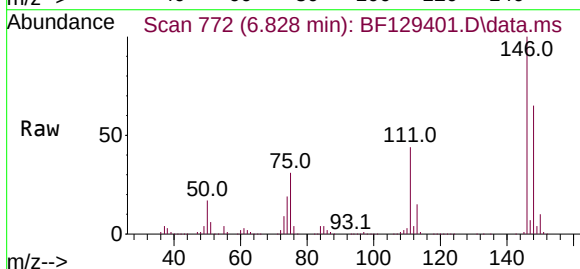
Manual Integrations
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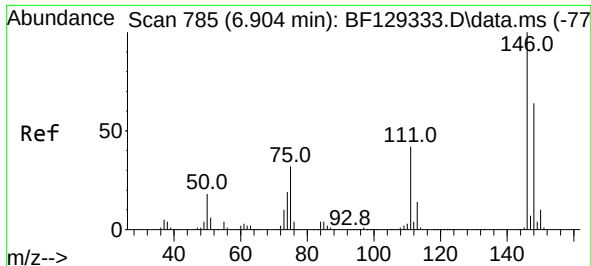
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#12
1,3-Dichlorobenzene
Concen: 44.652 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:146 Resp: 774764
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
75 31.1 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 44.351 ng

RT: 6.904 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion:146 Resp: 782618

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

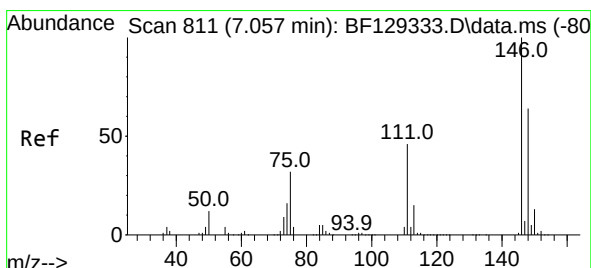
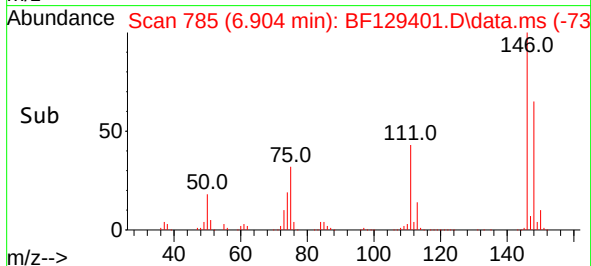
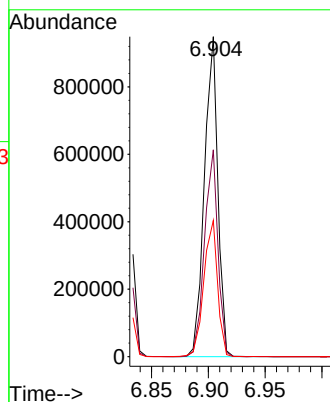
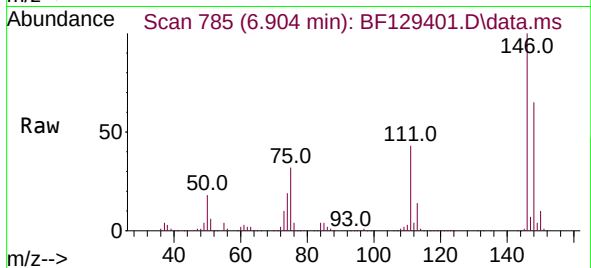
111 42.5 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#14

1,2-Dichlorobenzene

Concen: 46.154 ng

RT: 7.057 min Scan# 811

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

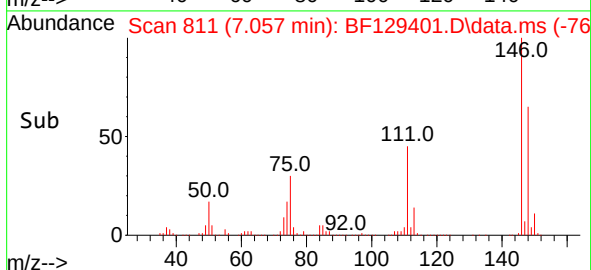
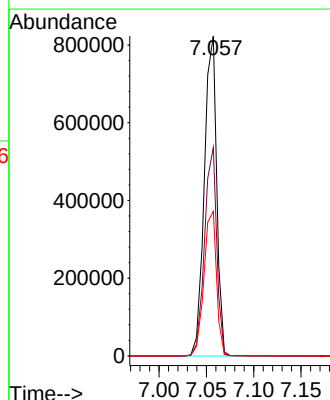
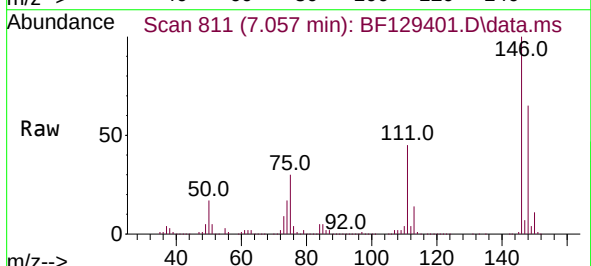
Tgt Ion:146 Resp: 748606

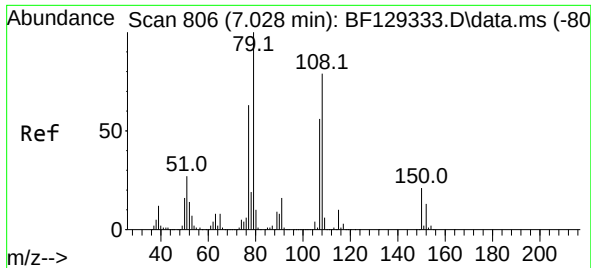
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

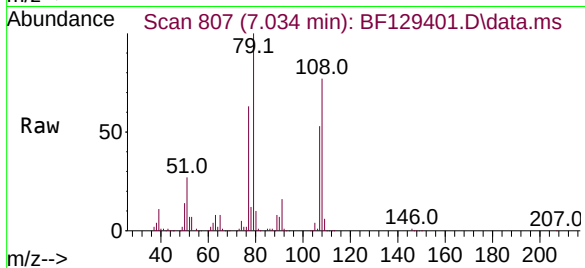
111 45.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 47.546 ng
RT: 7.034 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

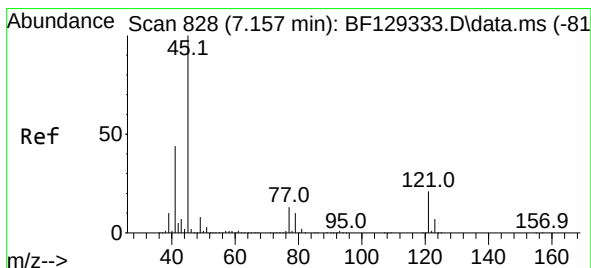
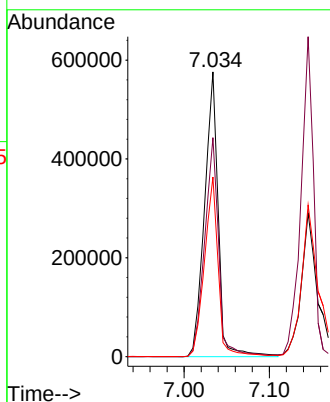
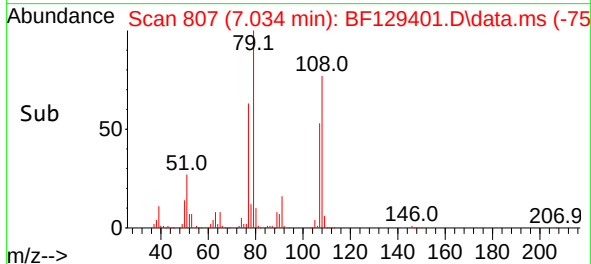
Instrument :
BNA_F
ClientSampleId :
PB146497BS



Tgt Ion: 79 Resp: 641822
Ion Ratio Lower Upper
79 100
108 76.9 61.8 92.6
77 63.1 50.2 75.4

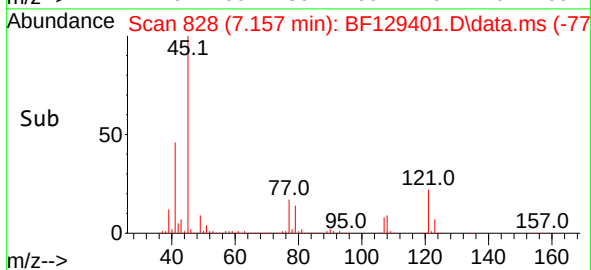
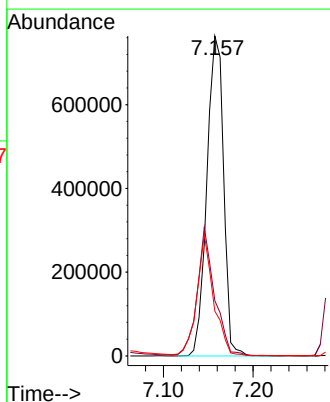
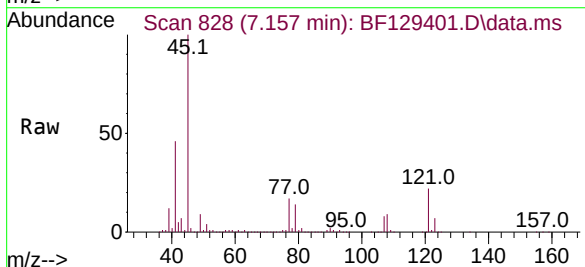
Manual Integrations
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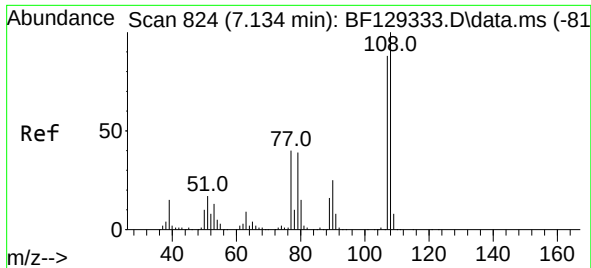
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.783 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

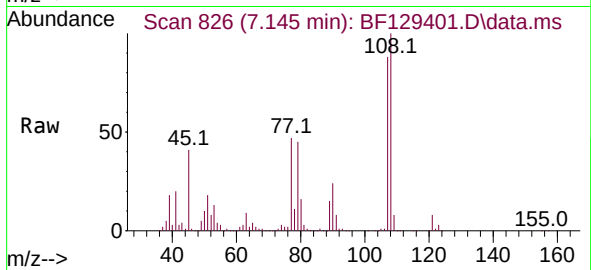
Tgt Ion: 45 Resp: 987287
Ion Ratio Lower Upper
45 100
77 17.2 0.0 31.3
79 14.0 0.0 28.3





#17
2-Methylphenol
Concen: 44.186 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

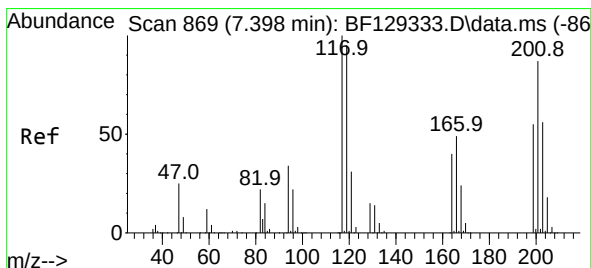
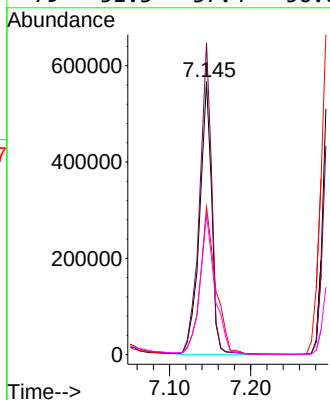
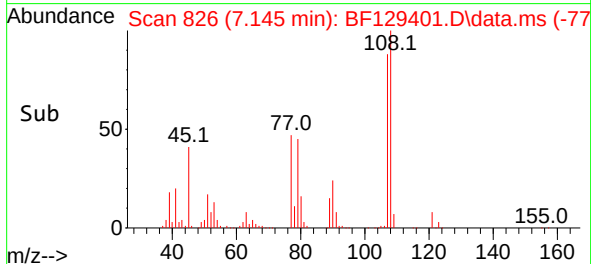
Instrument :
BNA_F
ClientSampleId :
PB146497BS



Tgt Ion:107 Resp: 593024
Ion Ratio Lower Upper
107 100
108 114.2 91.9 137.9
77 54.1 37.8 56.8
79 51.3 37.4 56.0

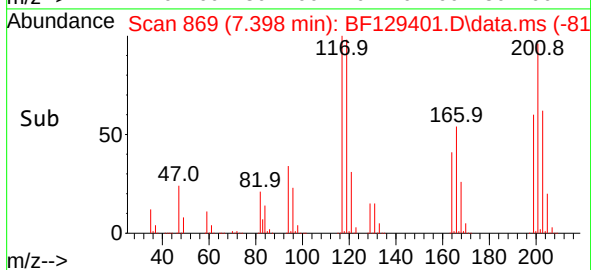
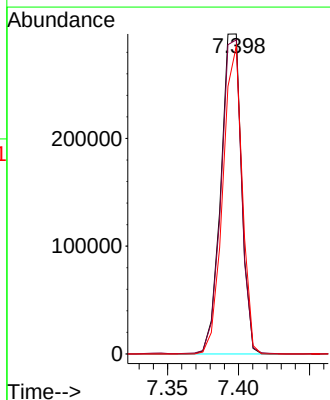
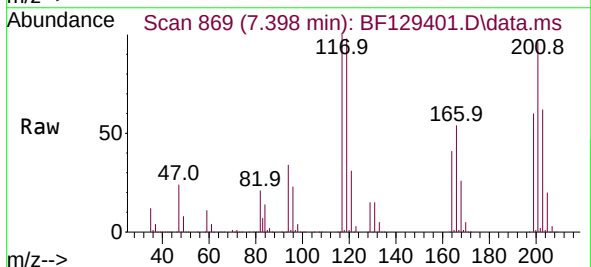
Manual Integrations
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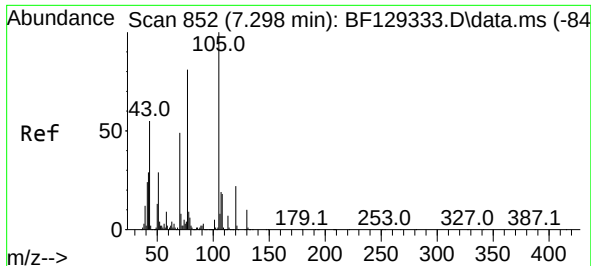
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#18
Hexachloroethane
Concen: 45.298 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:117 Resp: 300981
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.2
201 96.2 84.6 127.0





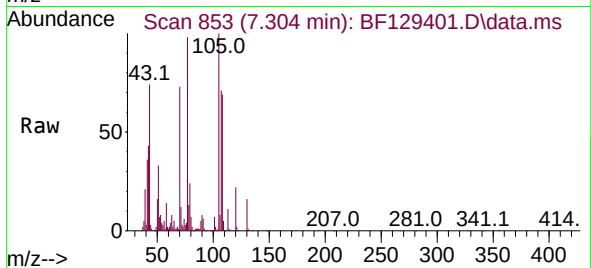
#19
n-Nitroso-di-n-propylamine
Concen: 44.177 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

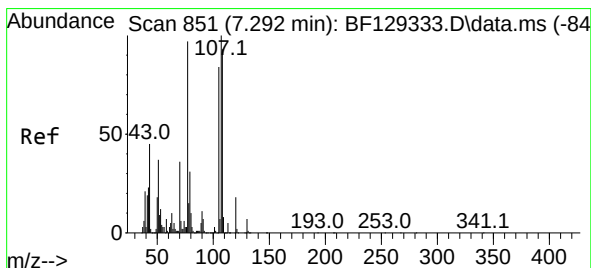
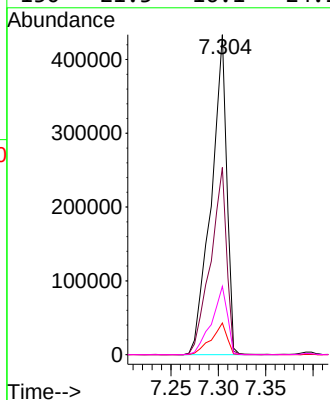
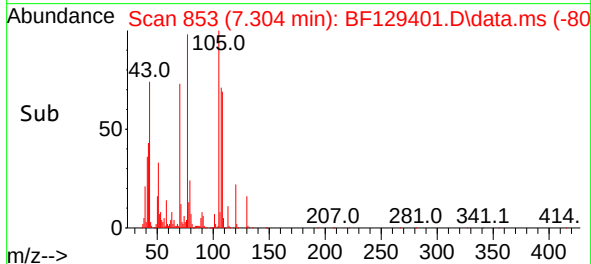
PB146497BS



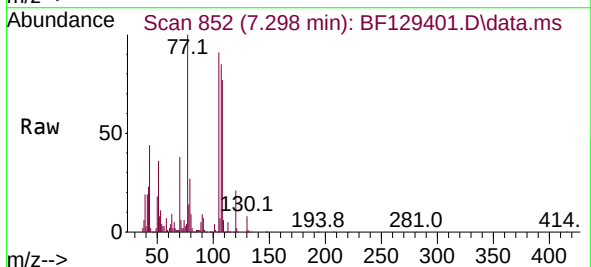
Tgt Ion: 70 Resp: 497790
Ion Ratio Lower Upper
70 100
42 58.5 52.3 78.5
101 9.9 7.5 11.3
130 21.3 16.1 24.1

Manual Integrations
APPROVED

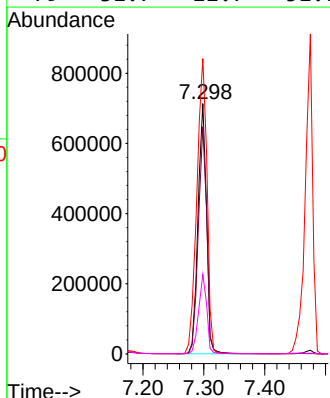
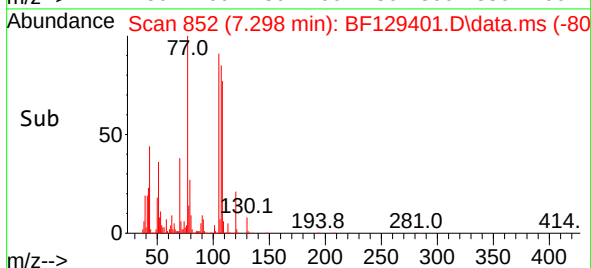
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

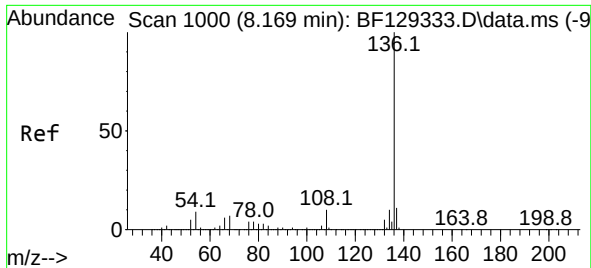


#20
3+4-Methylphenols
Concen: 40.408 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:107 Resp: 689546
Ion Ratio Lower Upper
107 100
108 90.7 71.8 111.8
77 118.0 59.3 99.3#
79 31.7 11.7 51.7





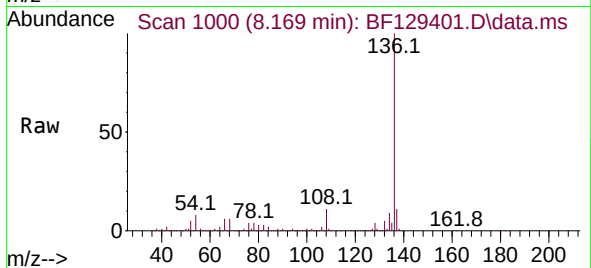
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

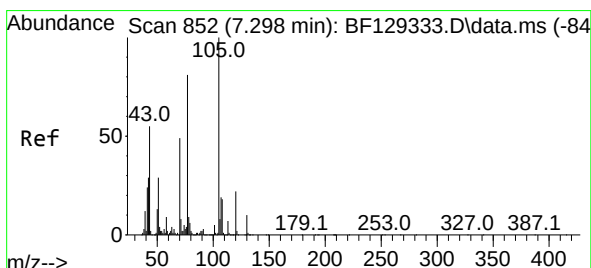
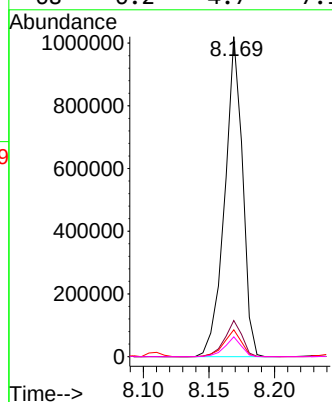
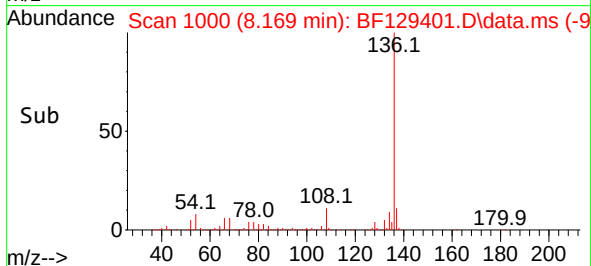


Tgt Ion:136 Resp: 961594
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 7.5 11.3
68 6.2 4.7 7.1

Manual Integrations

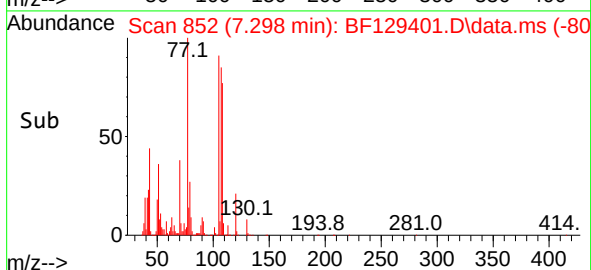
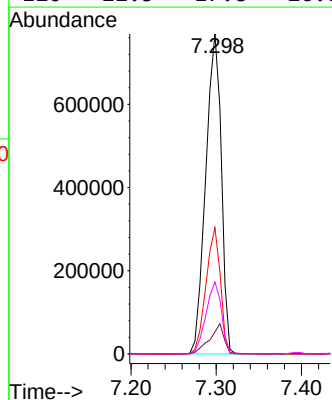
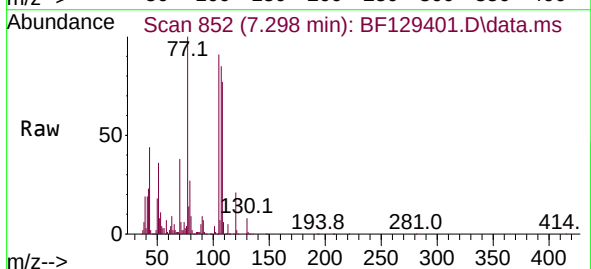
APPROVED

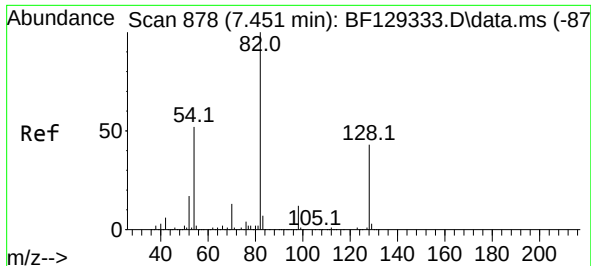
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#22
Acetophenone
Concen: 43.591 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:105 Resp: 975902
Ion Ratio Lower Upper
105 100
71 6.9 5.0 7.4
51 39.4 25.0 37.4#
120 22.5 17.8 26.8





#23

Nitrobenzene-d5

Concen: 84.973 ng

RT: 7.457 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion: 82 Resp: 149683

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

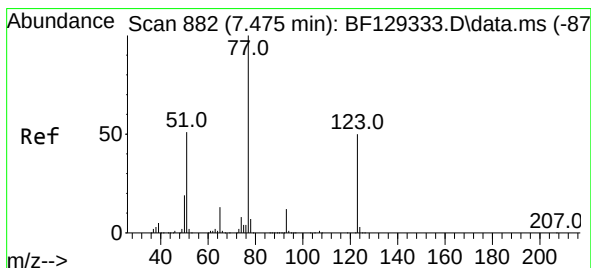
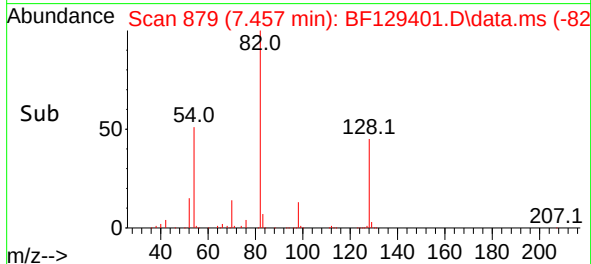
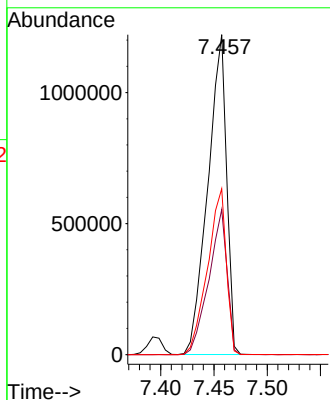
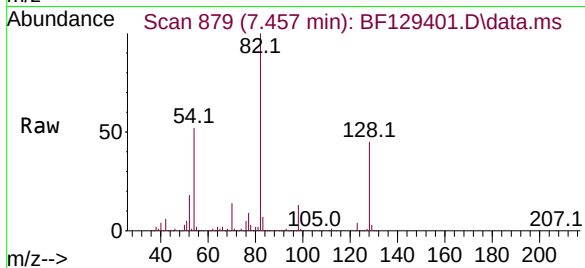
54 51.8 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#24

Nitrobenzene

Concen: 42.782 ng

RT: 7.475 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

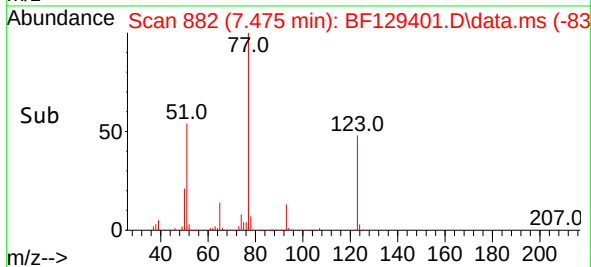
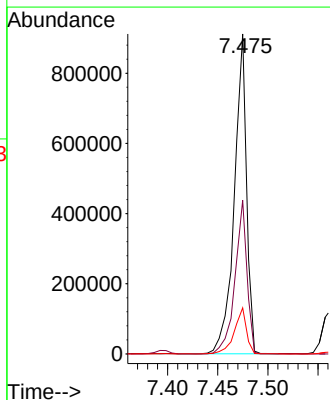
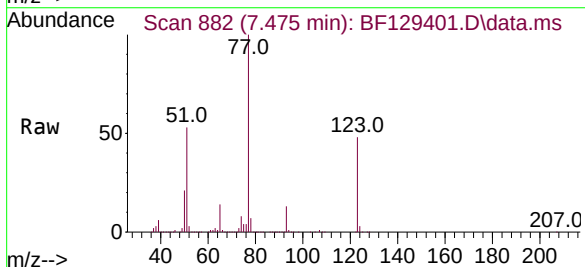
Tgt Ion: 77 Resp: 776039

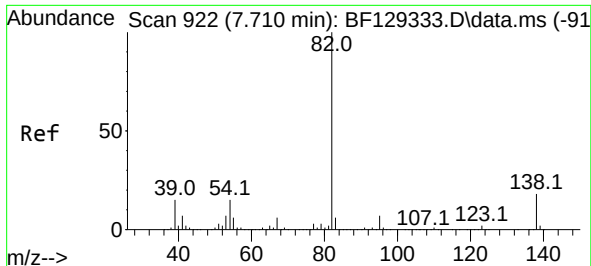
Ion Ratio Lower Upper

77 100

123 48.0 35.4 53.2

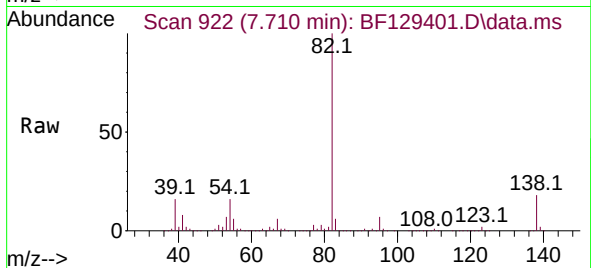
65 14.4 11.8 17.8





#25
Isophorone
Concen: 44.929 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

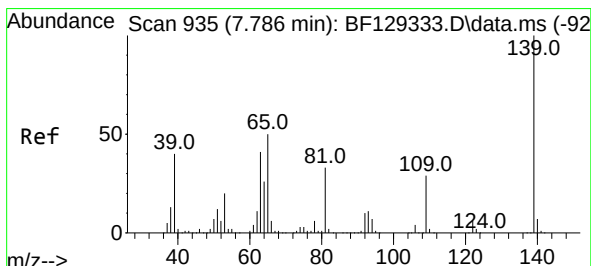
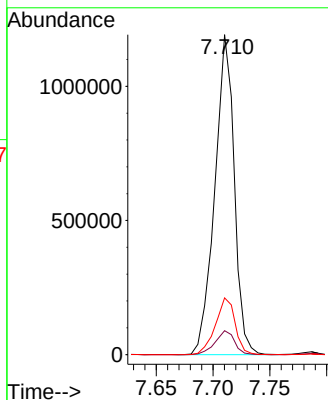
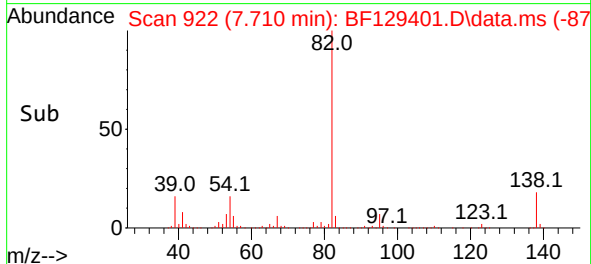
Instrument :
BNA_F
ClientSampleId :
PB146497BS



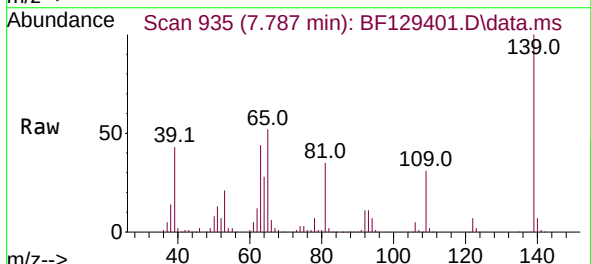
Tgt Ion: 82 Resp: 141866
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.7 14.2 21.2

Manual Integrations
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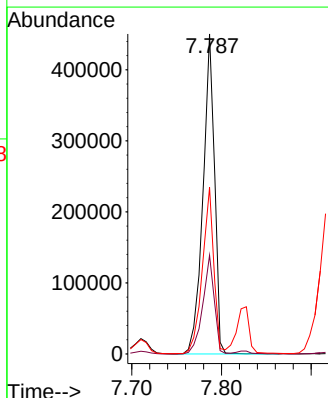
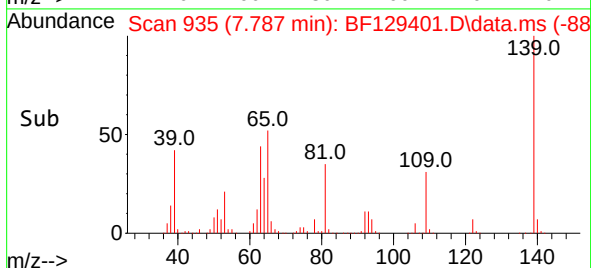
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

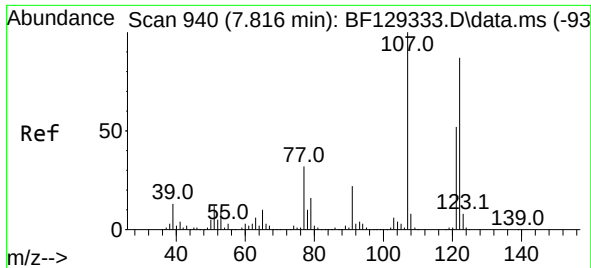


#26
2-Nitrophenol
Concen: 44.983 ng
RT: 7.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



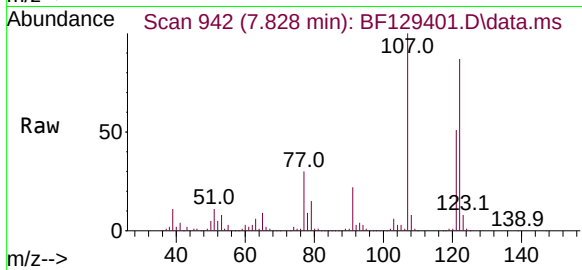
Tgt Ion:139 Resp: 402543
Ion Ratio Lower Upper
139 100
109 30.8 25.0 37.4
65 52.1 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 51.208 ng m
RT: 7.828 min Scan# 94
Delta R.T. 0.012 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

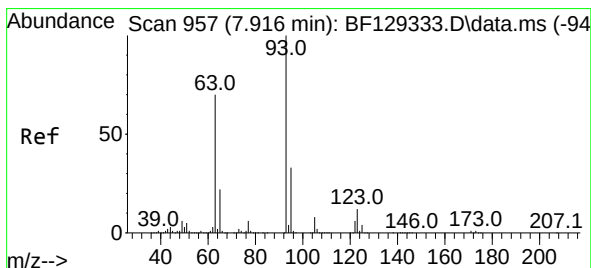
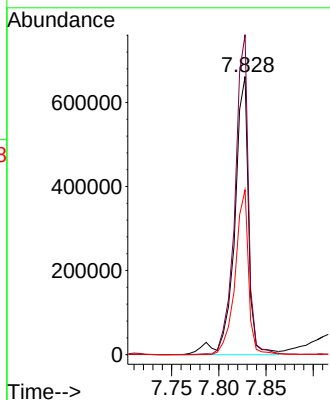
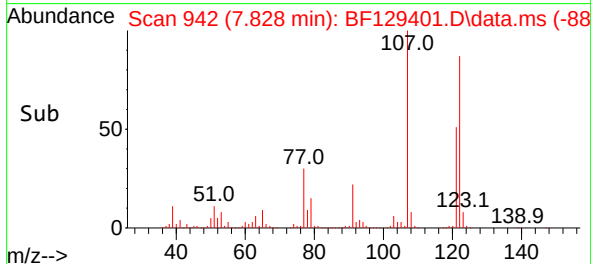
Instrument :
BNA_F
ClientSampleId :
PB146497BS



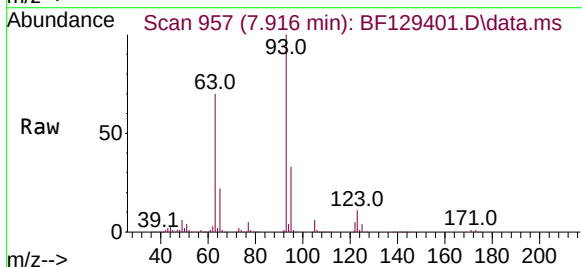
Tgt Ion:122 Resp: 68738
Ion Ratio Lower Upper
122 100
107 115.1 93.0 139.6
121 59.2 46.6 70.0

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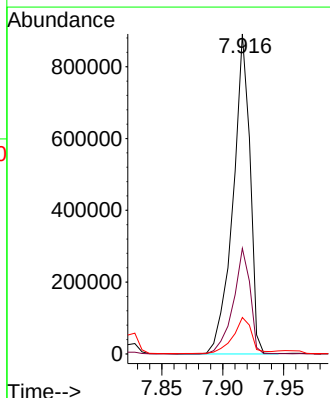
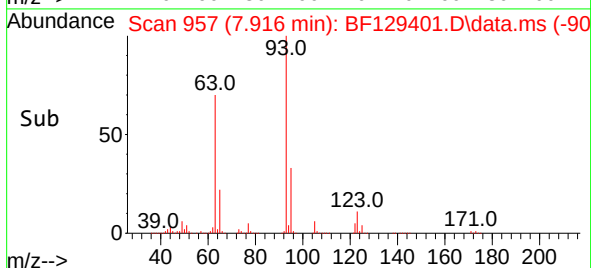
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

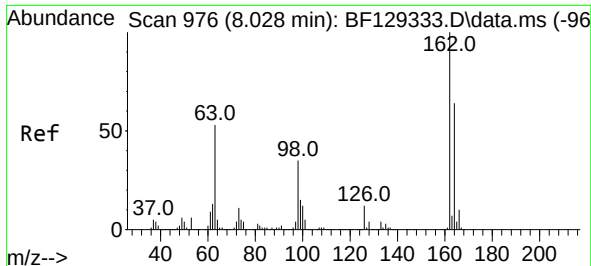


#28
bis(2-Chloroethoxy)methane
Concen: 47.142 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion: 93 Resp: 863504
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.366 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

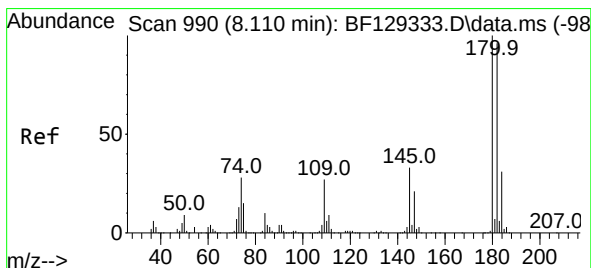
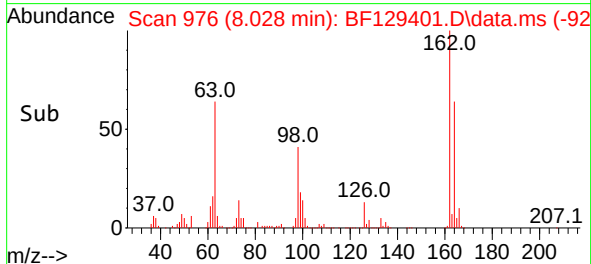
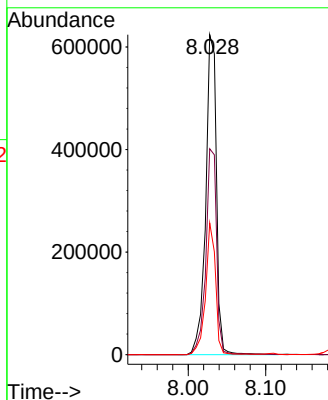
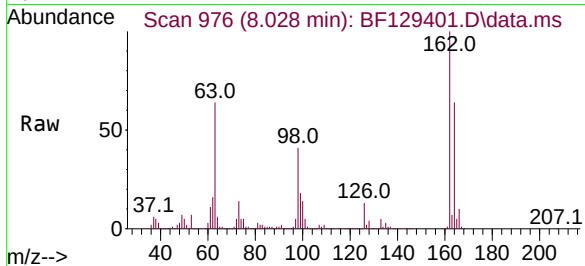
PB146497BS

Tgt Ion:162 Resp: 600815
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.2 84.2
 98 41.2 19.6 59.6

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.456 ng

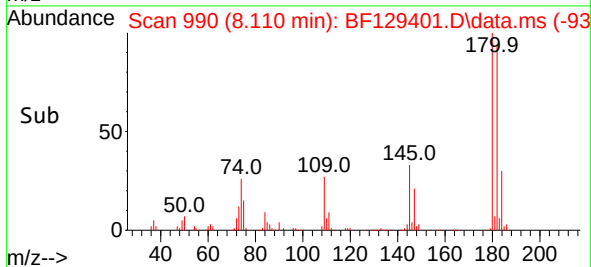
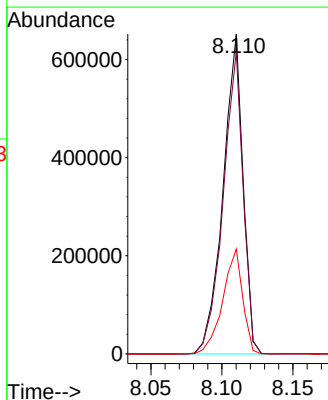
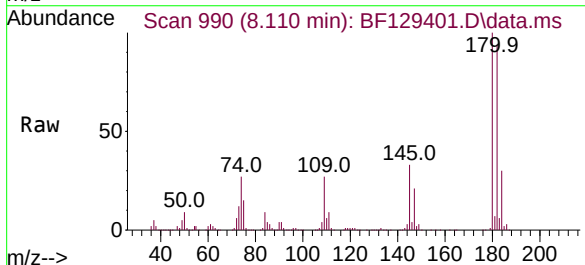
RT: 8.110 min Scan# 990

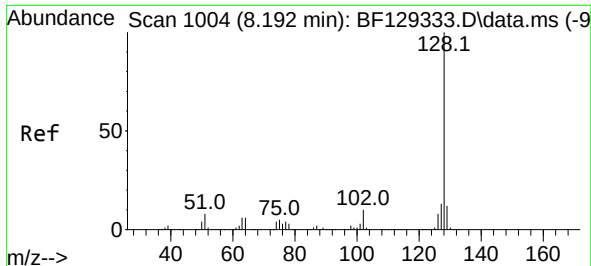
Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Tgt Ion:180 Resp: 637533
 Ion Ratio Lower Upper
 180 100
 182 94.4 79.2 118.8
 145 32.8 26.2 39.2





#31
Naphthalene
Concen: 42.494 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

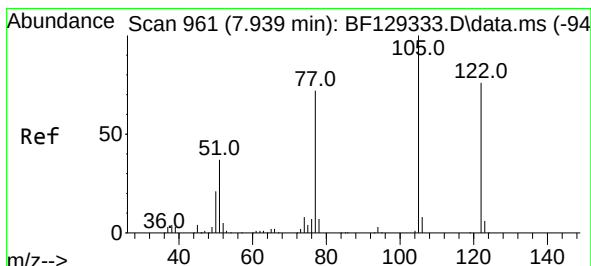
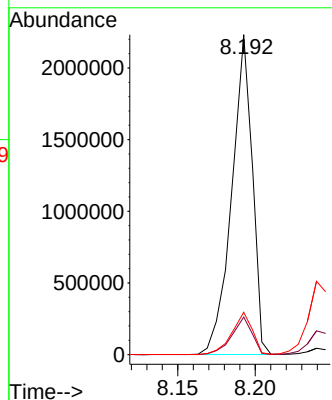
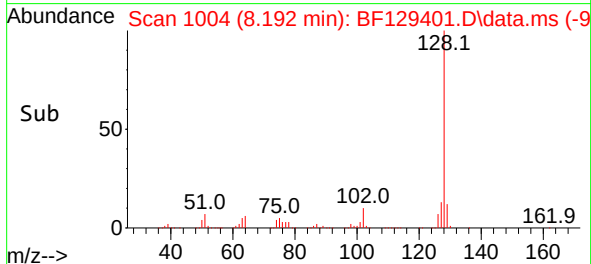
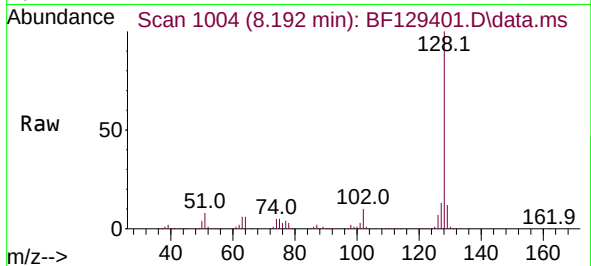
PB146497BS

Tgt Ion:128 Resp: 2076043
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.5 15.7

Manual Integrations

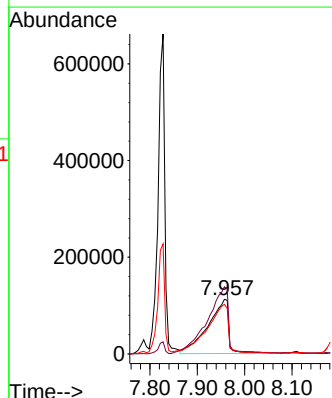
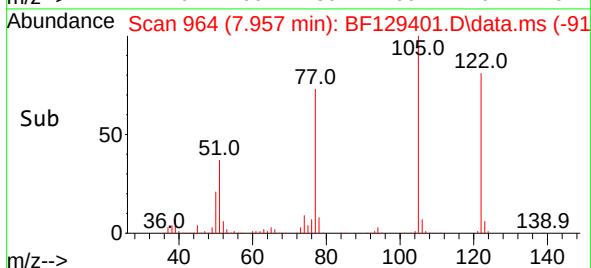
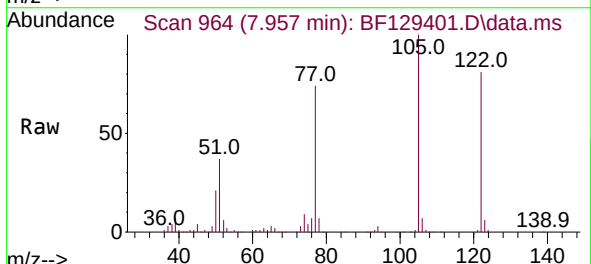
APPROVED

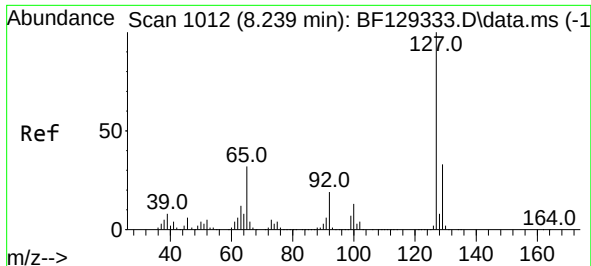
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#32
Benzoic acid
Concen: 35.682 ng
RT: 7.957 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

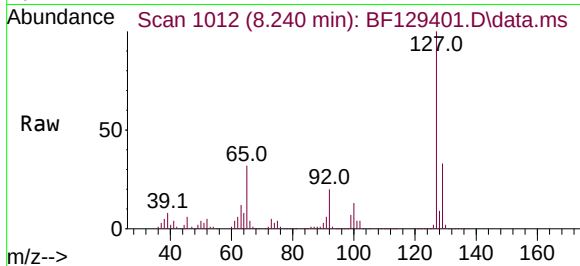
Tgt Ion:122 Resp: 346259
Ion Ratio Lower Upper
122 100
105 123.2 107.1 147.1
77 90.8 74.2 114.2





#33
4-Chloroaniline
Concen: 28.877 ng
RT: 8.240 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

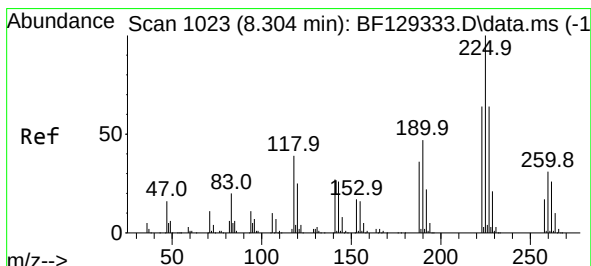
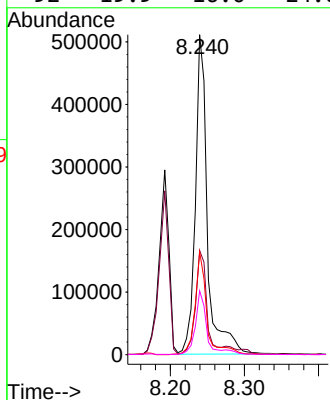
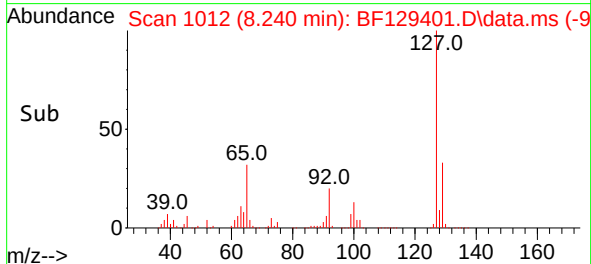
Instrument :
BNA_F
ClientSampleId :
PB146497BS



Tgt Ion:127 Resp: 57921
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 32.2 26.4 39.6
92 19.9 16.0 24.0

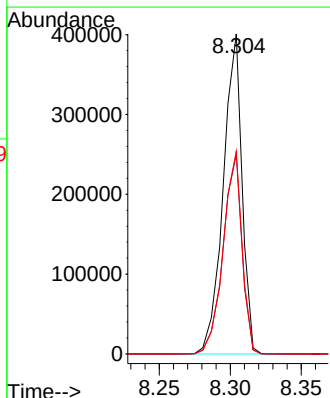
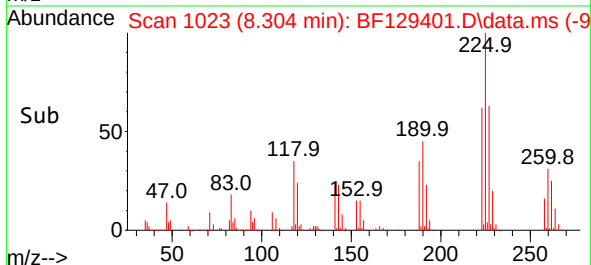
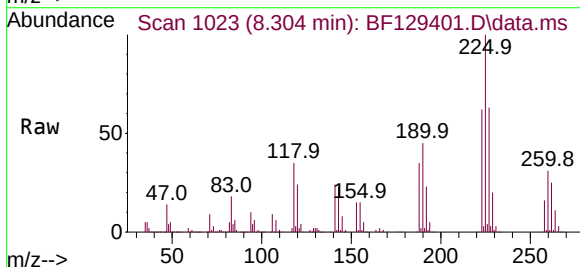
Manual Integrations
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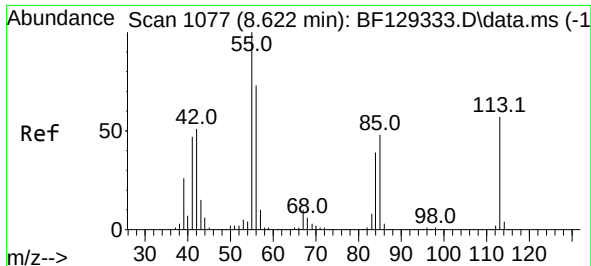
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#34
Hexachlorobutadiene
Concen: 45.263 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

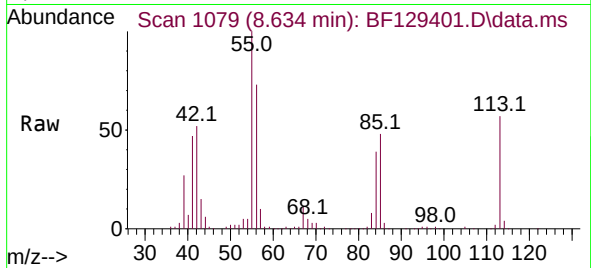
Tgt Ion:225 Resp: 368974
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 42.413 ng m
RT: 8.634 min Scan# 1077
Delta R.T. 0.012 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

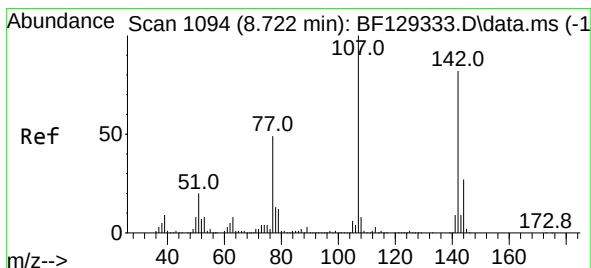
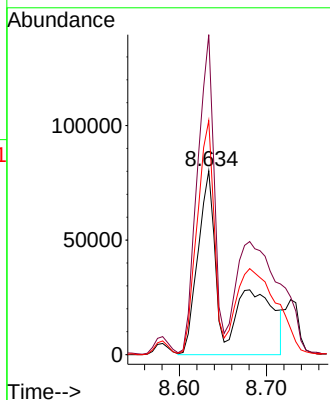
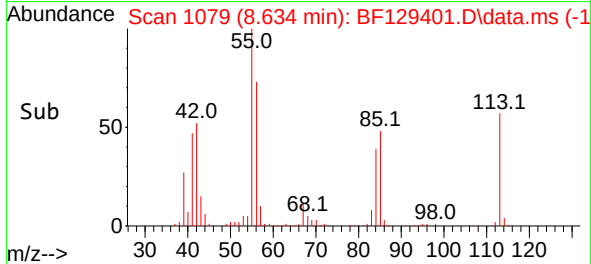
Instrument :
BNA_F
ClientSampleId :
PB146497BS



Tgt Ion:113 Resp: 191042
Ion Ratio Lower Upper
113 100
55 174.2 188.5 228.5
56 127.3 130.6 170.6

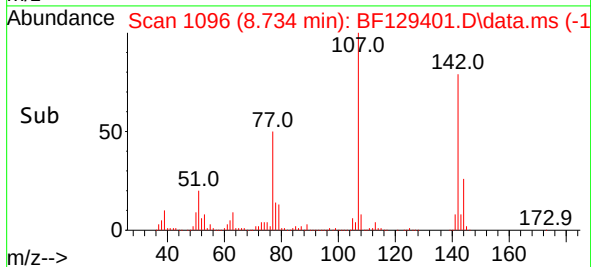
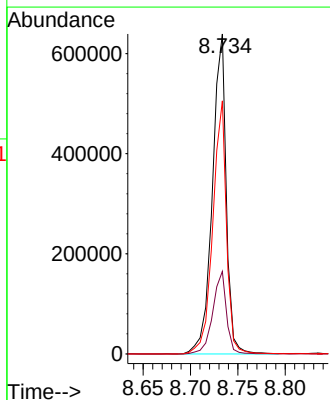
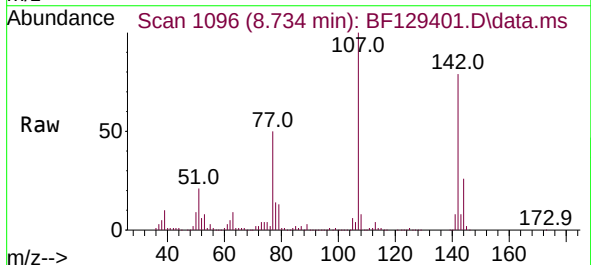
Manual Integrations
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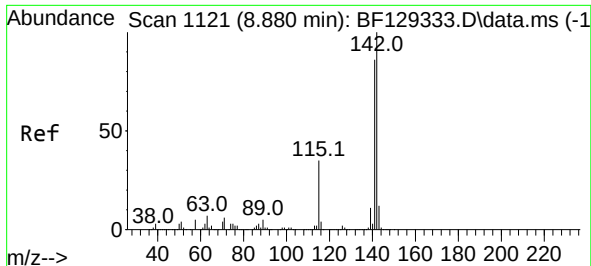
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#36
4-Chloro-3-methylphenol
Concen: 44.430 ng
RT: 8.734 min Scan# 1096
Delta R.T. 0.012 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:107 Resp: 652874
Ion Ratio Lower Upper
107 100
144 25.8 19.5 29.3
142 79.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.589 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion:142 Resp: 1352138

Ion Ratio Lower Upper

142 100

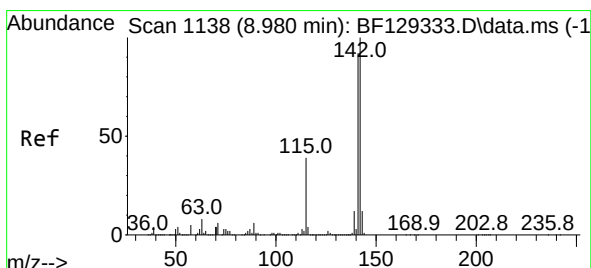
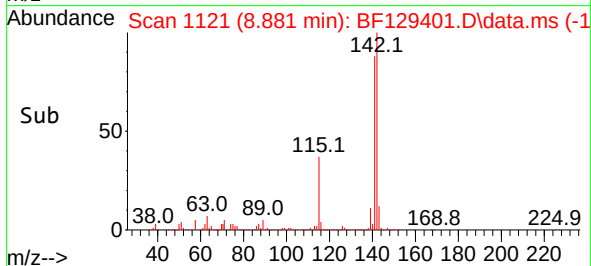
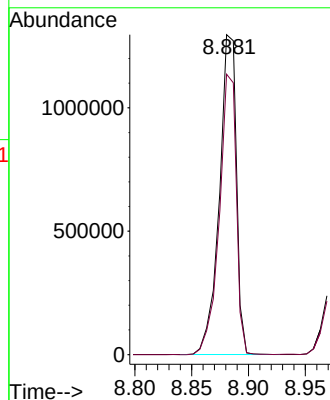
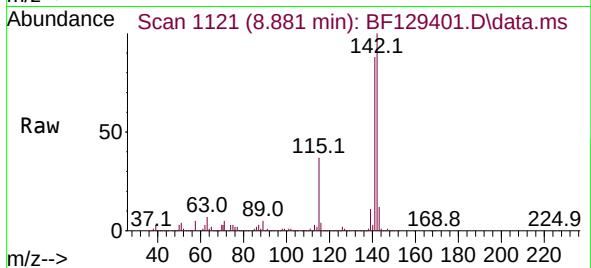
141 87.6 71.0 106.4

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#38

1-Methylnaphthalene

Concen: 42.013 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129401.D

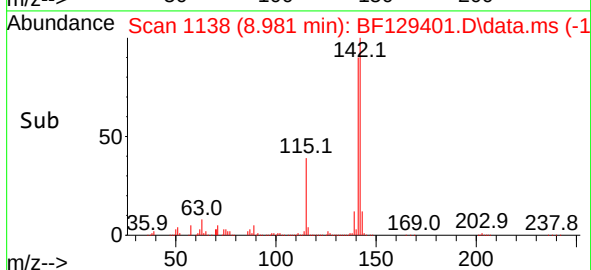
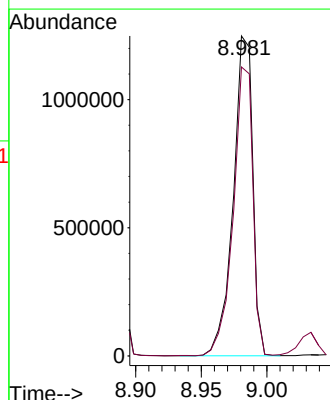
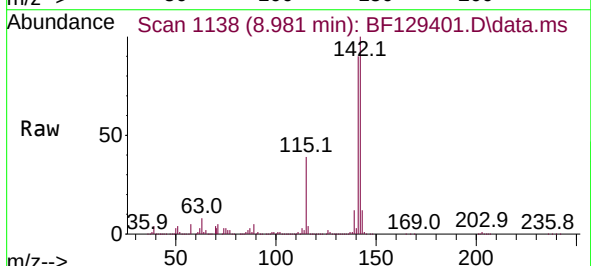
Acq: 28 Jul 2022 10:52

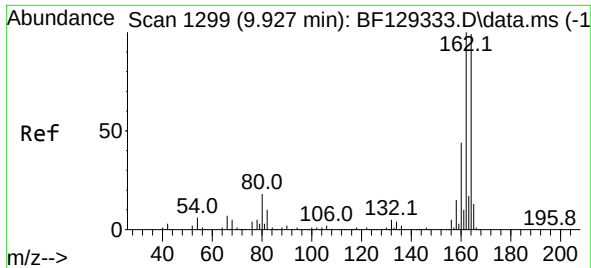
Tgt Ion:142 Resp: 1287647

Ion Ratio Lower Upper

142 100

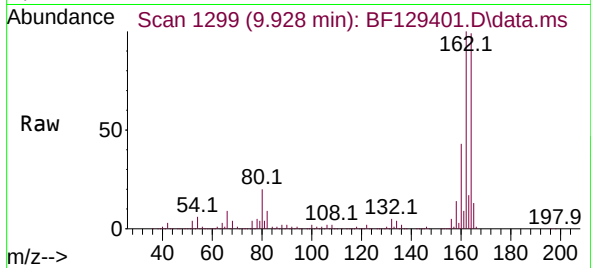
141 90.3 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

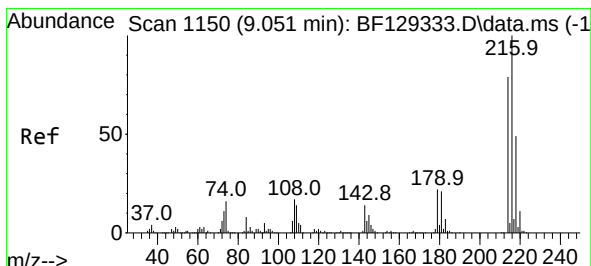
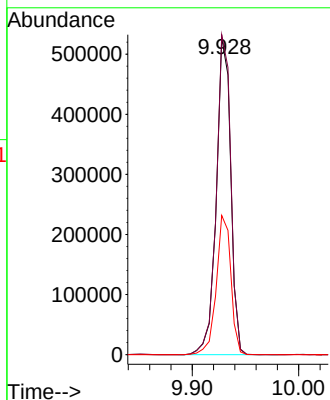
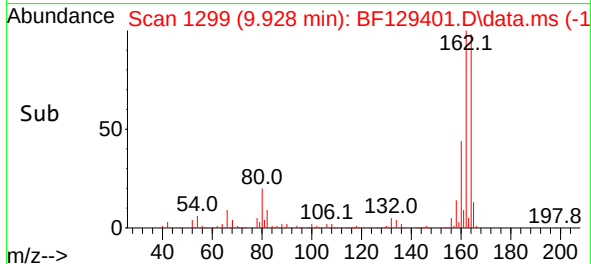
Instrument :
BNA_F
ClientSampleId :
PB146497BS



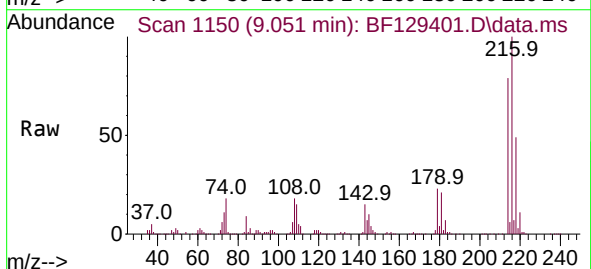
Tgt Ion:164 Resp: 498175
Ion Ratio Lower Upper
164 100
162 101.0 79.5 119.3
160 43.9 34.2 51.4

Manual Integrations
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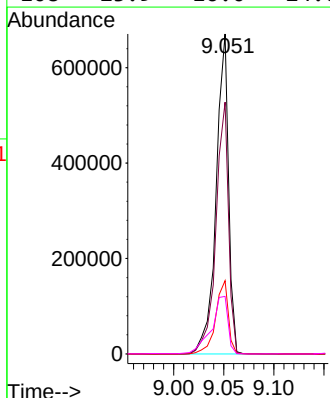
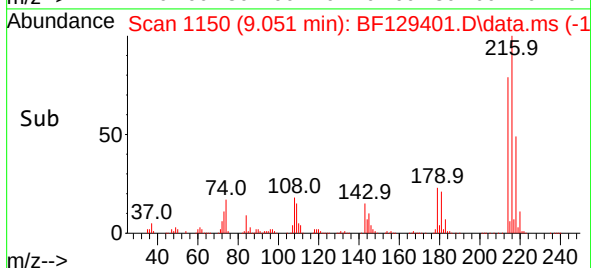
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

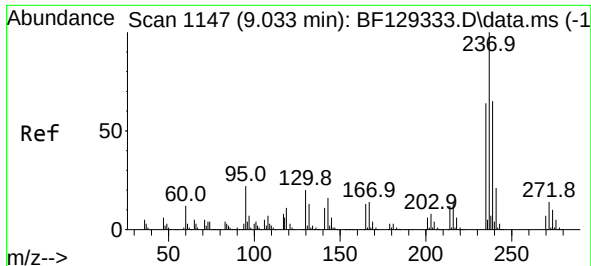


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.149 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



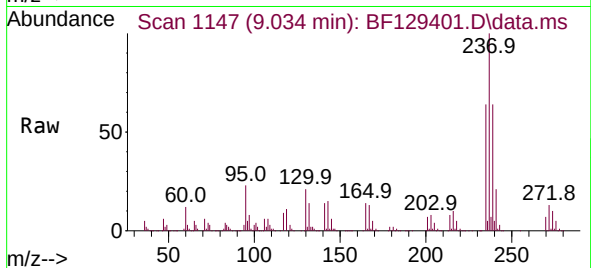
Tgt Ion:216 Resp: 577513
Ion Ratio Lower Upper
216 100
214 79.7 63.6 95.4
179 23.2 17.0 25.6
108 23.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 107.130 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

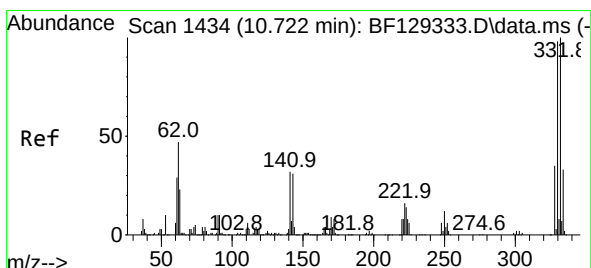
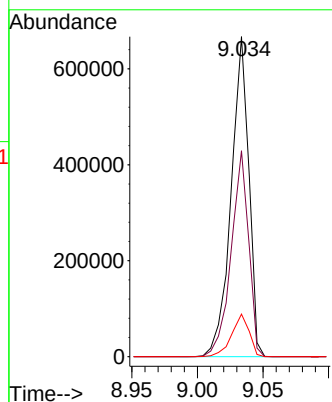
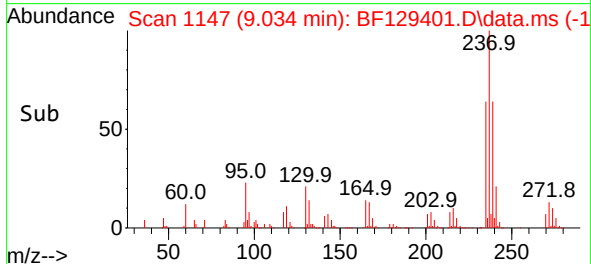
Instrument :
BNA_F
ClientSampleId :
PB146497BS



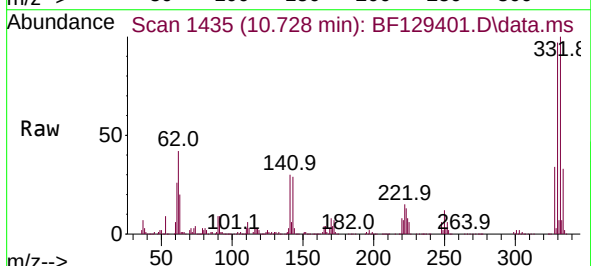
Tgt Ion:237 Resp: 624015
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 13.3 0.0 31.9

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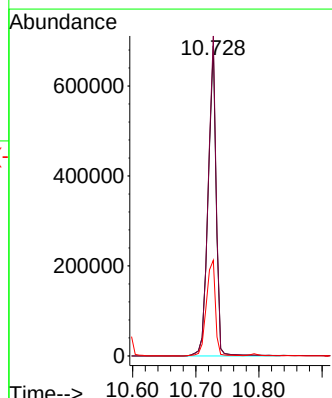
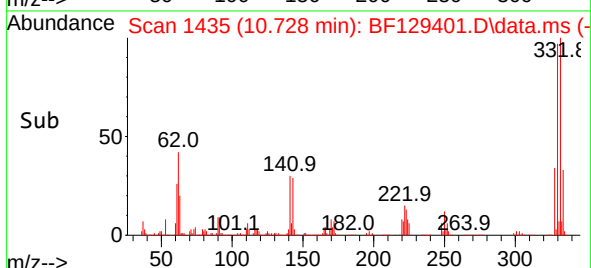
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

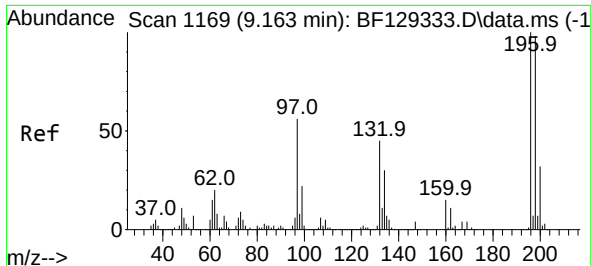


#42
2,4,6-Tribromophenol
Concen: 126.489 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:330 Resp: 605831
Ion Ratio Lower Upper
330 100
332 102.4 76.8 115.2
141 34.7 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 42.911 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion:196 Resp: 407694

Ion Ratio Lower Upper

196 100

198 96.5 74.0 111.0

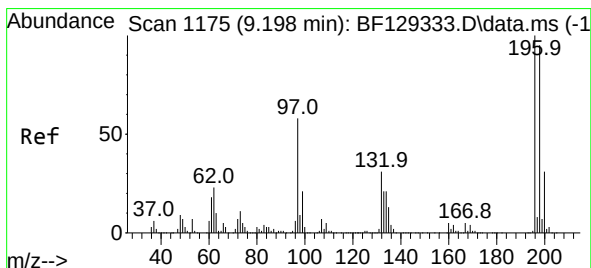
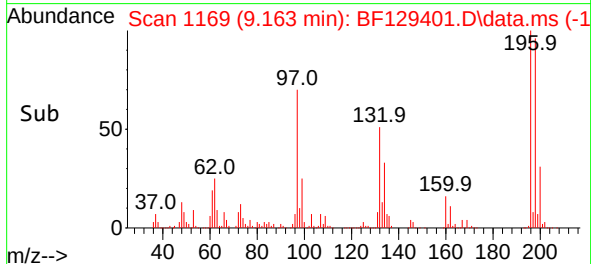
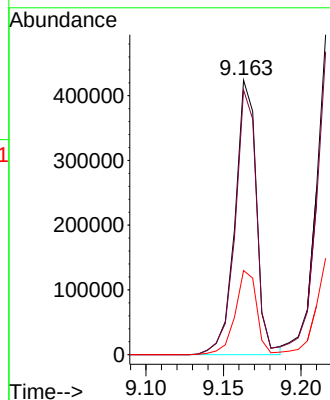
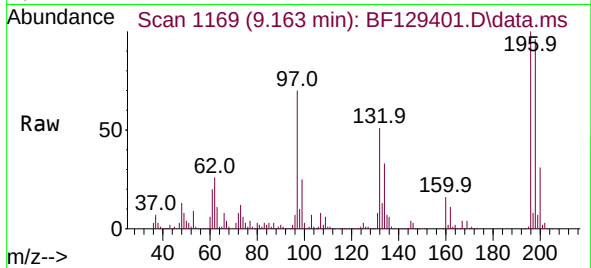
200 30.6 24.1 36.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#44

2,4,5-Trichlorophenol

Concen: 41.025 ng

RT: 9.216 min Scan# 1178

Delta R.T. 0.018 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Tgt Ion:196 Resp: 423874

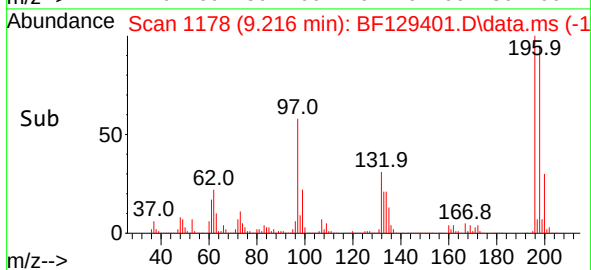
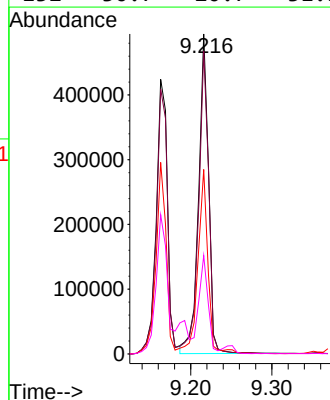
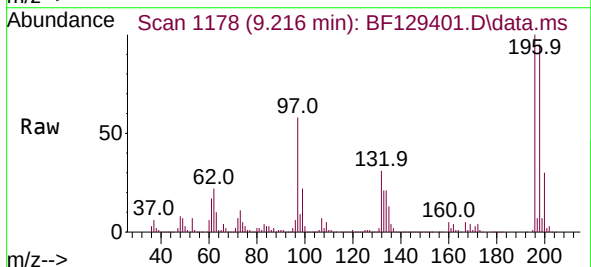
Ion Ratio Lower Upper

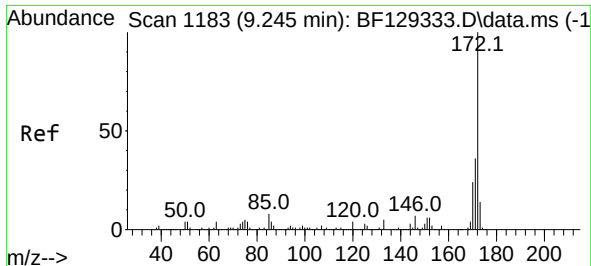
196 100

198 94.7 75.7 113.5

97 57.6 36.4 54.6#

132 30.7 20.7 31.1





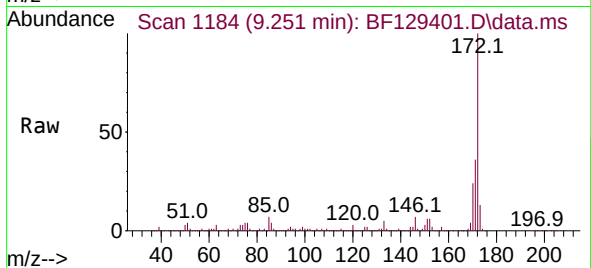
#45
2-Fluorobiphenyl
Concen: 78.078 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

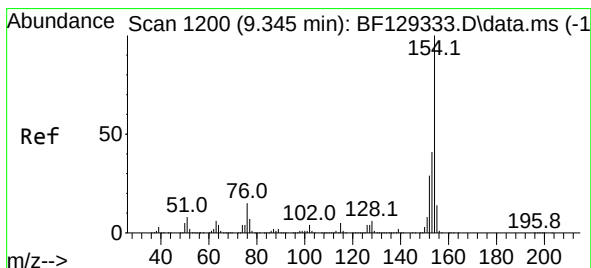
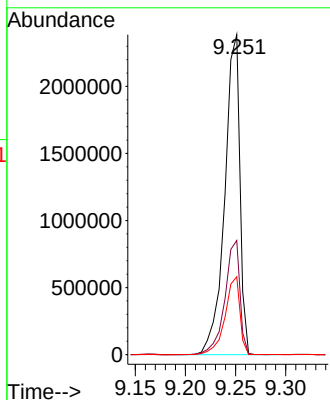
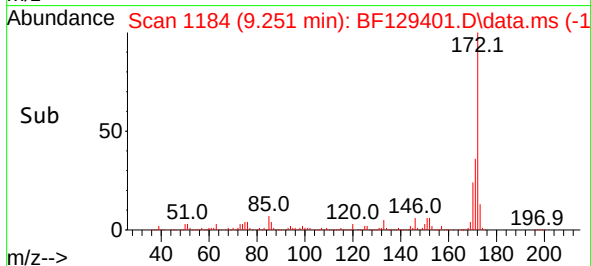


Tgt Ion:172 Resp: 2514389
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 19.8 29.8

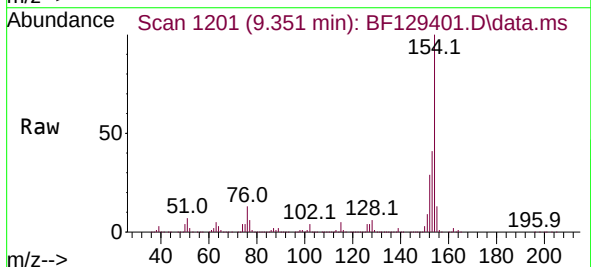
Manual Integrations

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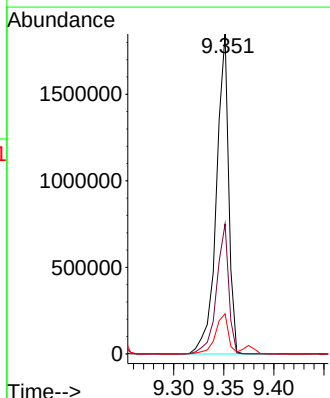
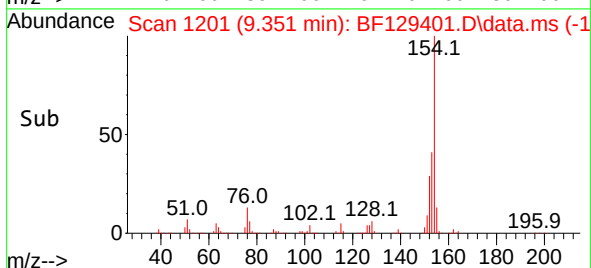
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

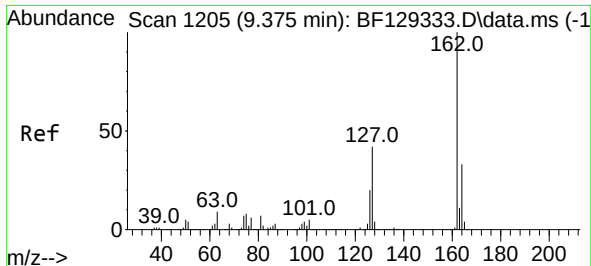


#46
1,1'-Biphenyl
Concen: 43.415 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



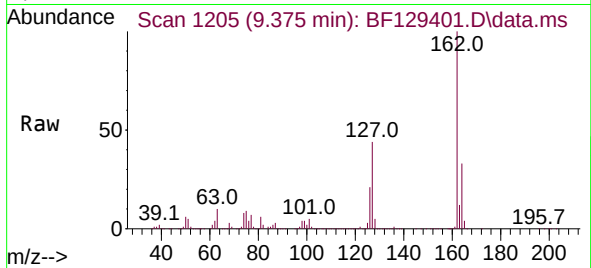
Tgt Ion:154 Resp: 1578420
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 12.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 42.479 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

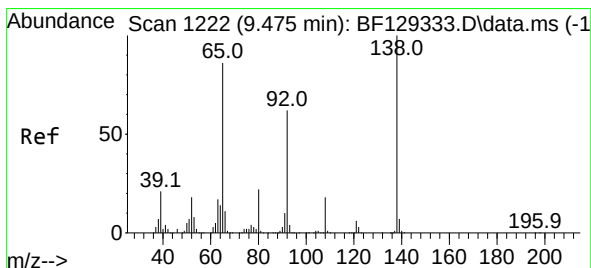
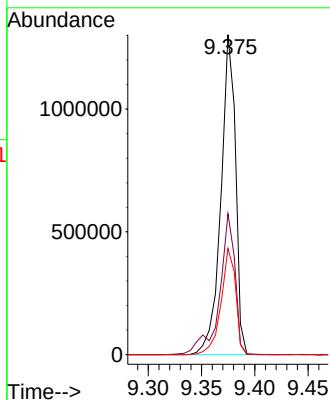
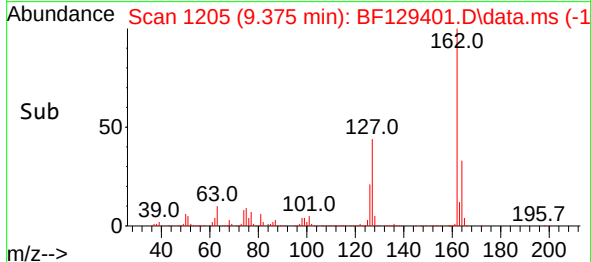
Instrument :
BNA_F
ClientSampleId :
PB146497BS



Tgt Ion:162 Resp: 1248495
Ion Ratio Lower Upper
162 100
127 44.0 34.5 51.7
164 33.2 26.5 39.7

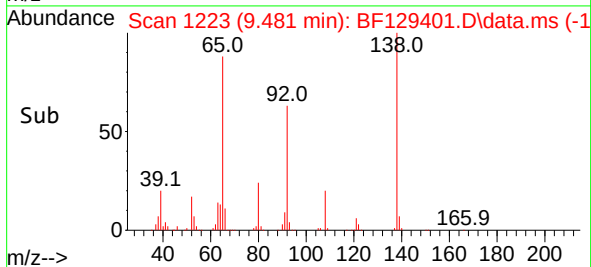
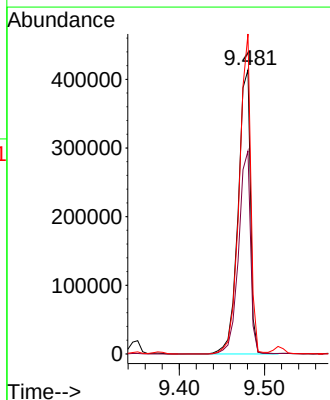
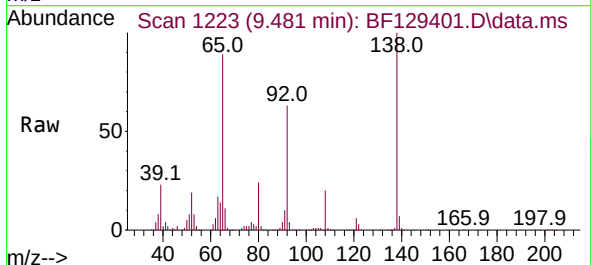
Manual Integrations
APPROVED

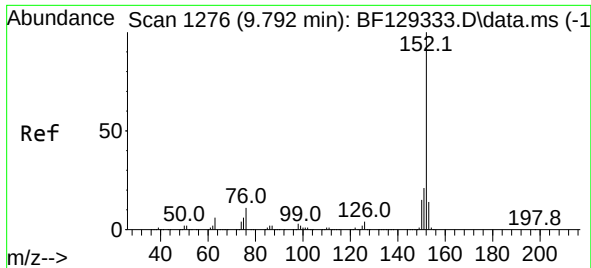
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#48
2-Nitroaniline
Concen: 42.371 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

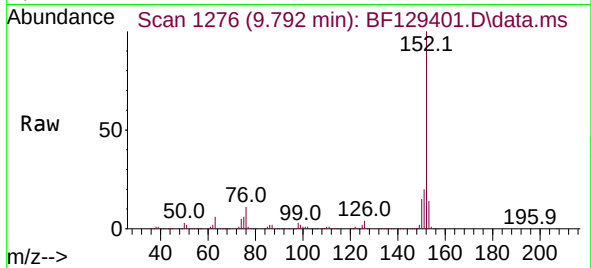
Tgt Ion: 65 Resp: 414097
Ion Ratio Lower Upper
65 100
92 71.4 51.9 77.9
138 112.7 76.4 114.6





#49
Acenaphthylene
Concen: 43.815 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

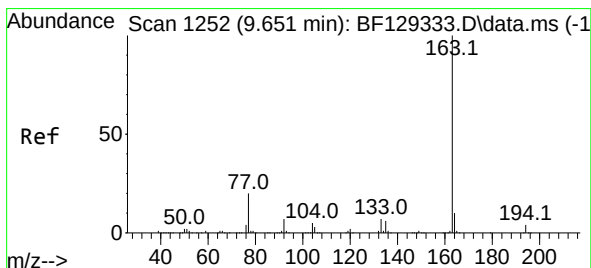
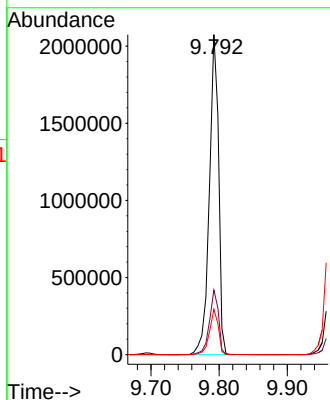
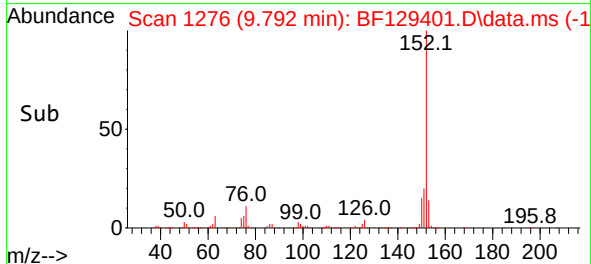
Instrument :
BNA_F
ClientSampleId :
PB146497BS



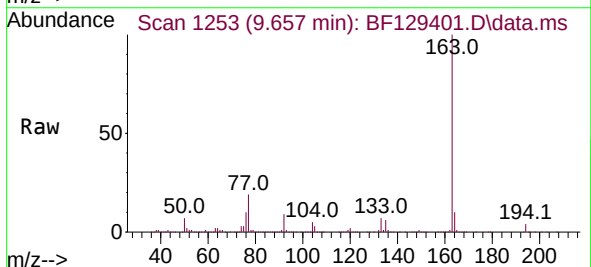
Tgt Ion:152 Resp: 1956758
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.1 10.7 16.1

Manual Integrations
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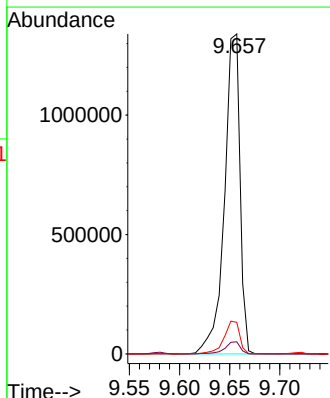
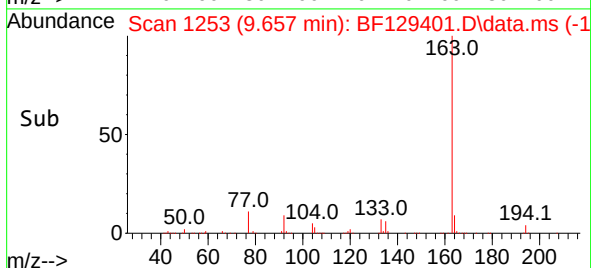
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

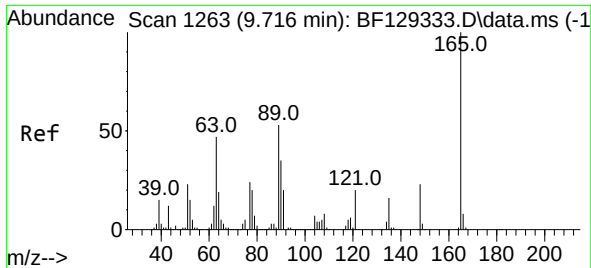


#50
Dimethylphthalate
Concen: 42.210 ng
RT: 9.657 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:163 Resp: 1451629
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 8.2 12.2





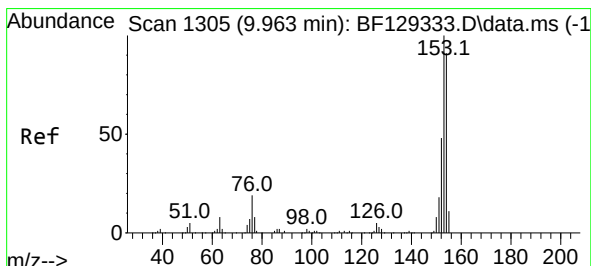
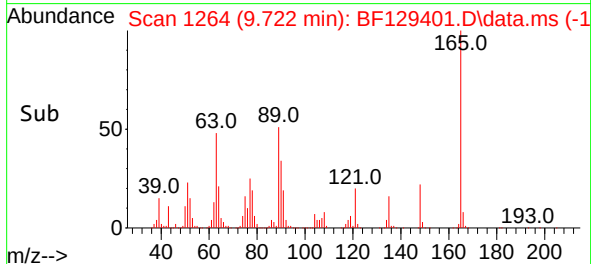
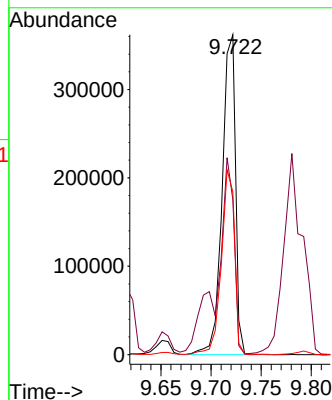
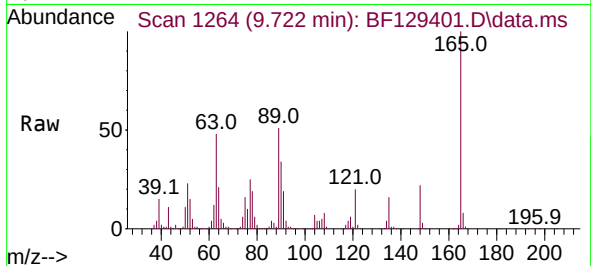
#51
2,6-Dinitrotoluene
Concen: 43.806 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Tgt Ion:165 Resp: 33718
Ion Ratio Lower Upper
165 100
63 48.4 44.9 67.3
89 50.9 43.6 65.4

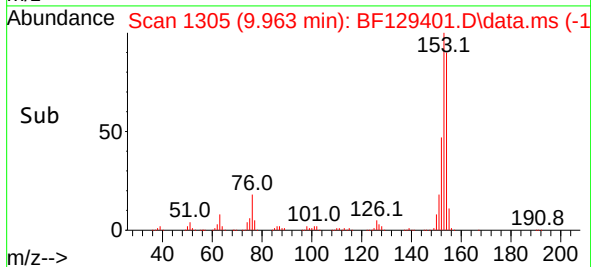
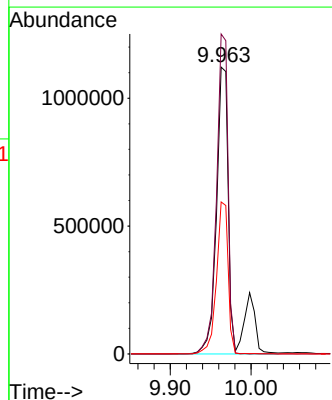
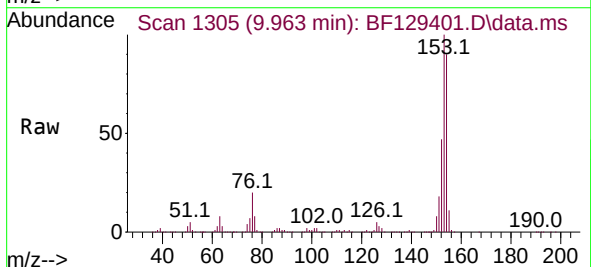
Manual Integrations
APPROVED

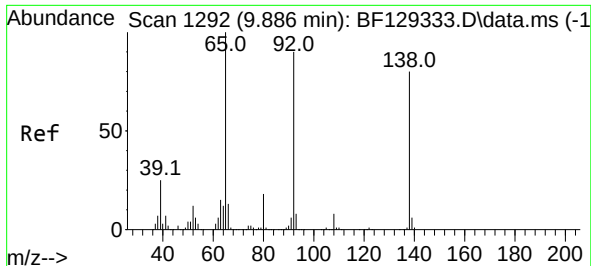
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#52
Acenaphthene
Concen: 46.205 ng m
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:154 Resp: 1347746
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 53.0 42.4 63.6





#53

3-Nitroaniline

Concen: 31.351 ng

RT: 9.892 min Scan# 1292

Delta R.T. 0.006 min

Lab File: BF129401.D

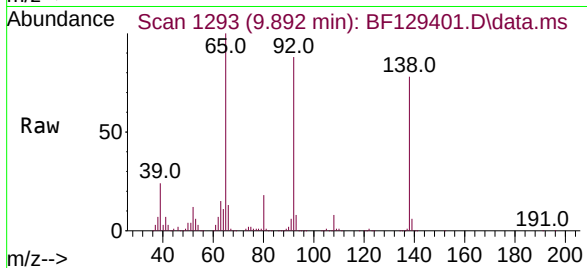
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS



Tgt Ion:138 Resp: 284956

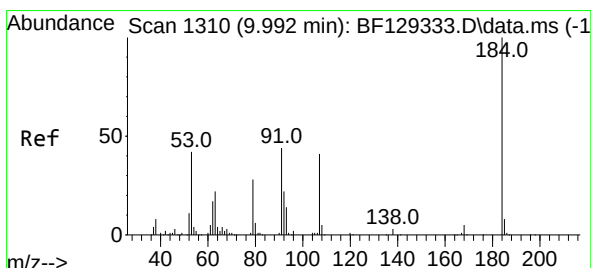
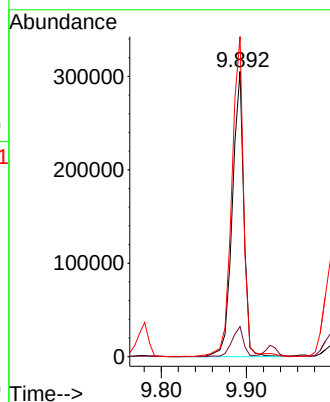
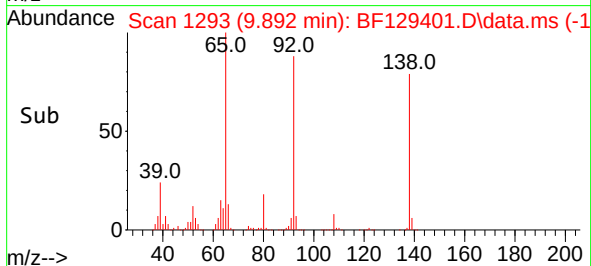
Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.9	16.3
92	112.2	98.2	147.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#54

2,4-Dinitrophenol

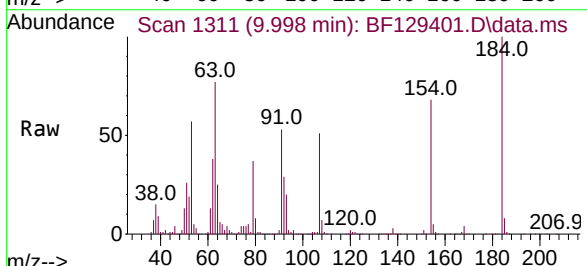
Concen: 88.131 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.006 min

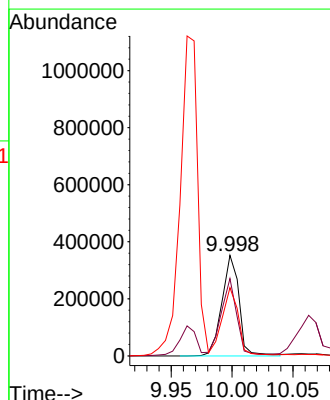
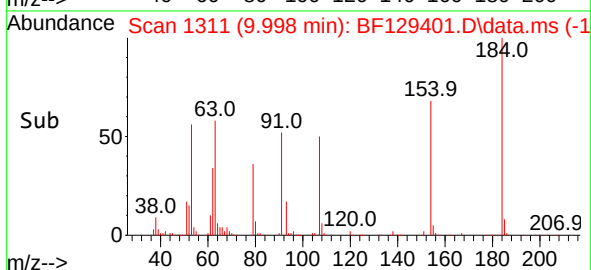
Lab File: BF129401.D

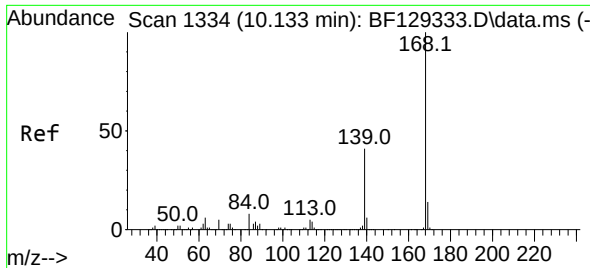
Acq: 28 Jul 2022 10:52



Tgt Ion:184 Resp: 346307

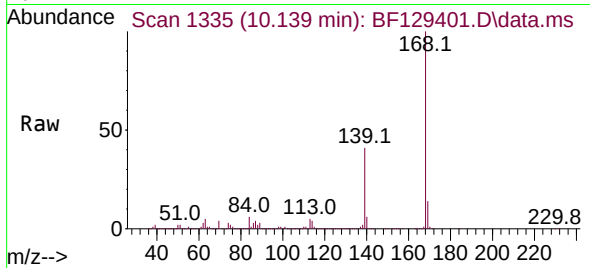
Ion	Ratio	Lower	Upper
184	100		
63	76.9	64.5	96.7
154	67.8	50.6	75.8





#55
Dibenzofuran
Concen: 42.213 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

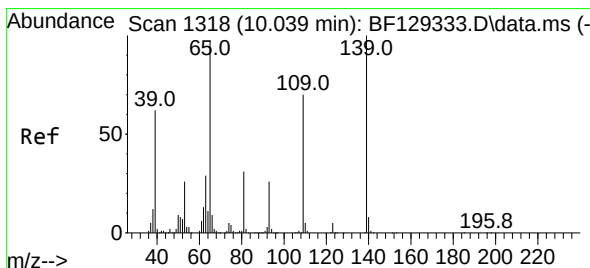
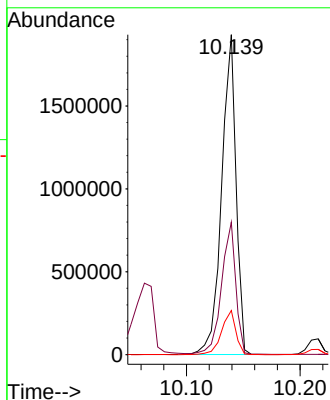
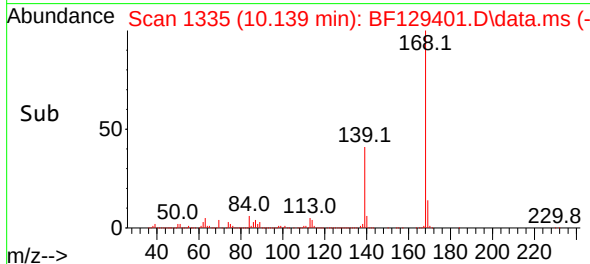
Instrument :
BNA_F
ClientSampleId :
PB146497BS



Tgt Ion:168 Resp: 1697402
Ion Ratio Lower Upper
168 100
139 41.4 30.6 46.0
169 13.8 11.0 16.6

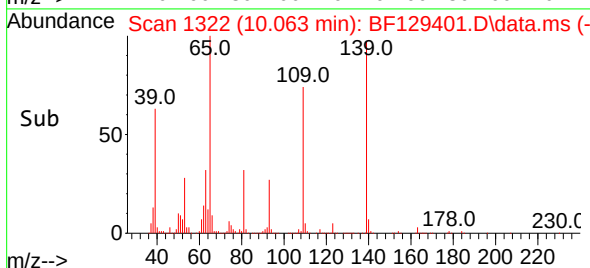
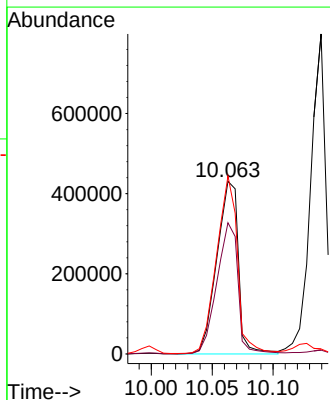
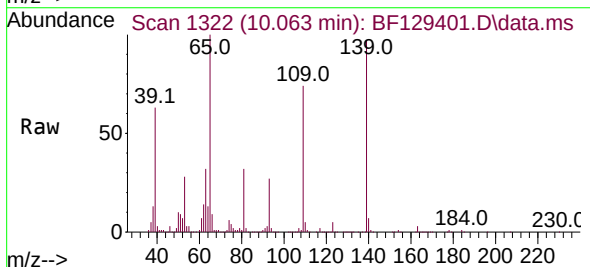
Manual Integrations
APPROVED

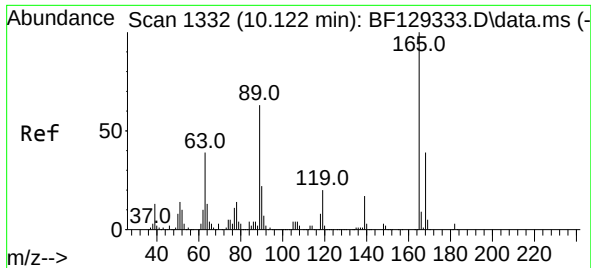
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#56
4-Nitrophenol
Concen: 79.096 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.024 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

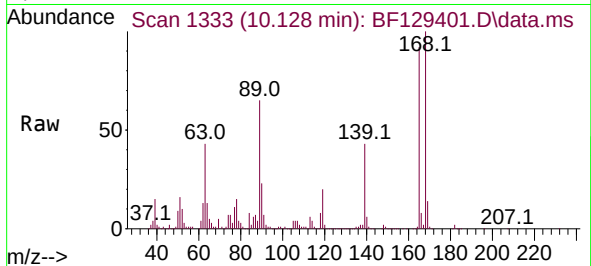
Tgt Ion:139 Resp: 530389
Ion Ratio Lower Upper
139 100
109 76.0 50.7 90.7
65 103.0 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 43.650 ng
RT: 10.128 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

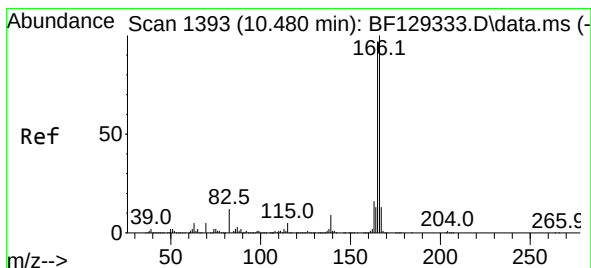
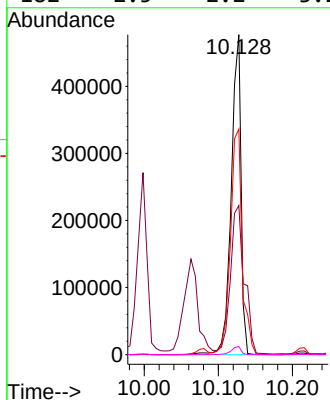
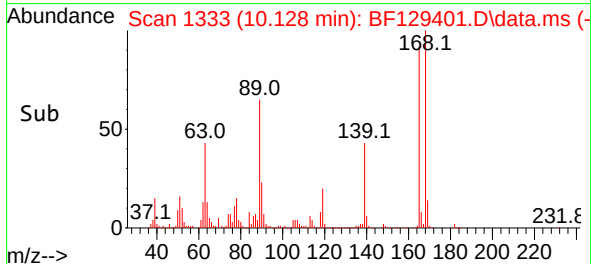
Instrument :
BNA_F
ClientSampleId :
PB146497BS



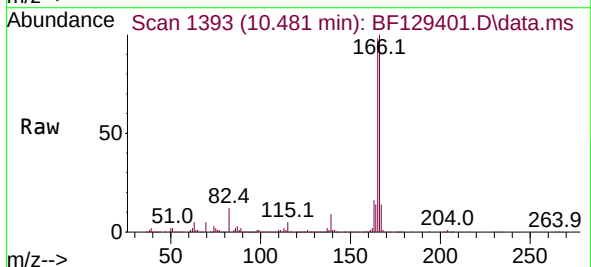
Tgt Ion:165 Resp: 438921
Ion Ratio Lower Upper
165 100
63 46.6 39.8 59.6
89 70.5 60.2 90.2
182 2.5 2.2 3.2

Manual Integrations
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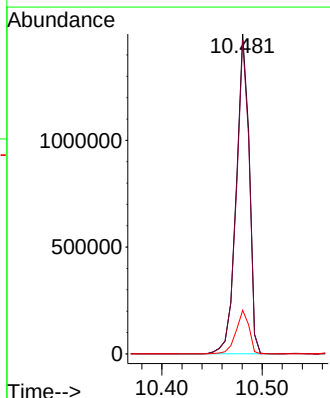
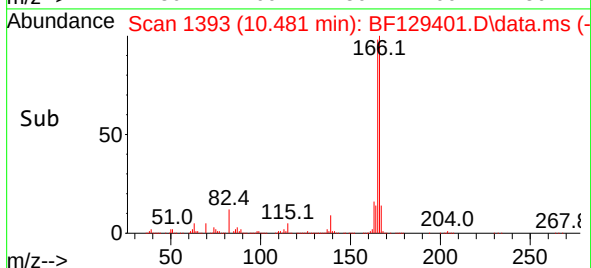
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

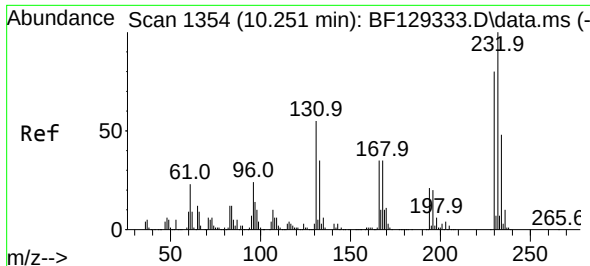


#58
Fluorene
Concen: 41.619 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



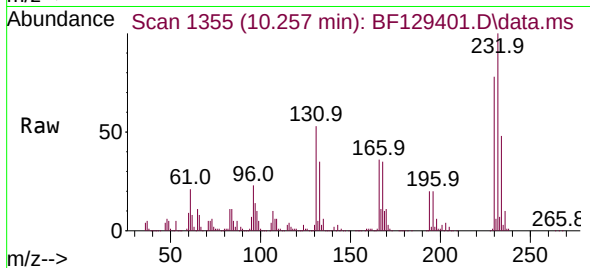
Tgt Ion:166 Resp: 1339010
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.635 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

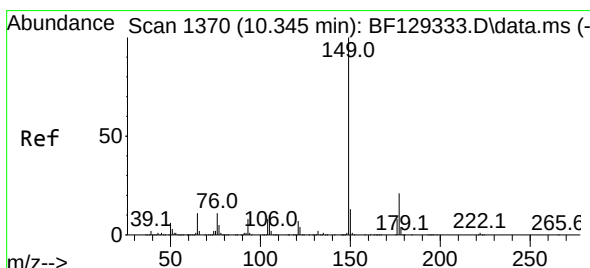
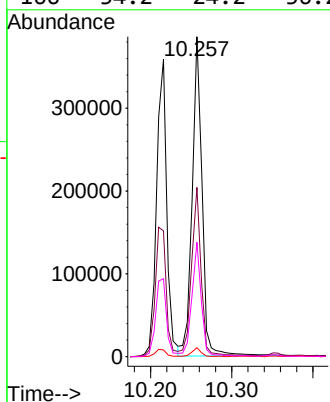
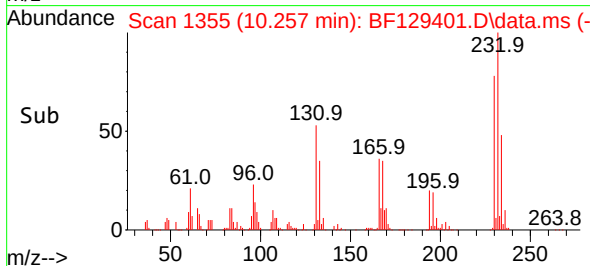
Instrument :
BNA_F
ClientSampleId :
PB146497BS



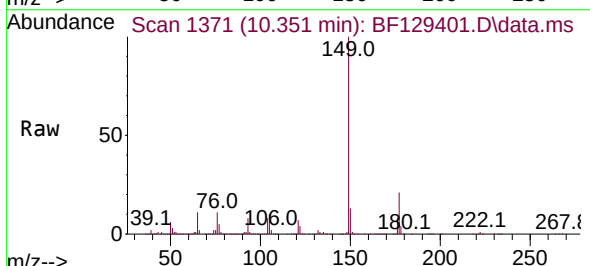
Tgt Ion:232 Resp: 324451
Ion Ratio Lower Upper
232 100
131 51.5 36.1 54.1
130 2.7 1.8 2.8
166 34.2 24.2 36.2

Manual Integrations
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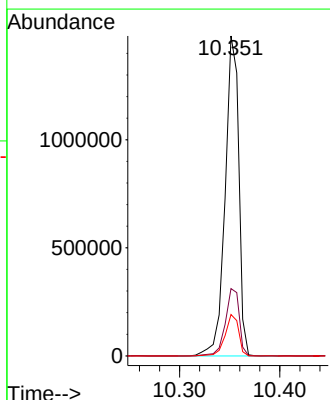
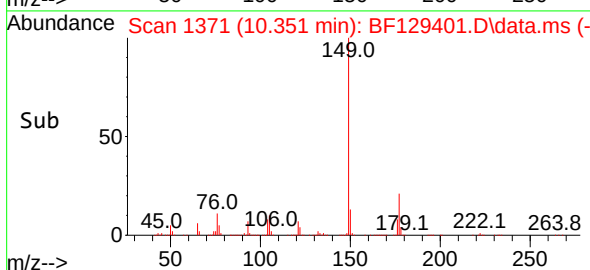
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

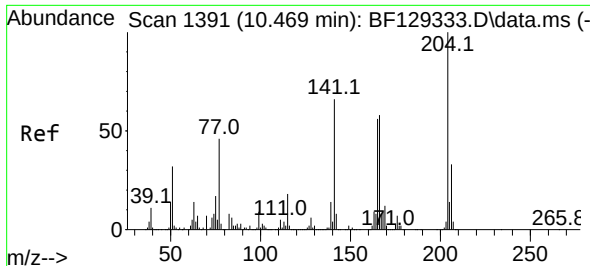


#60
Diethylphthalate
Concen: 42.377 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



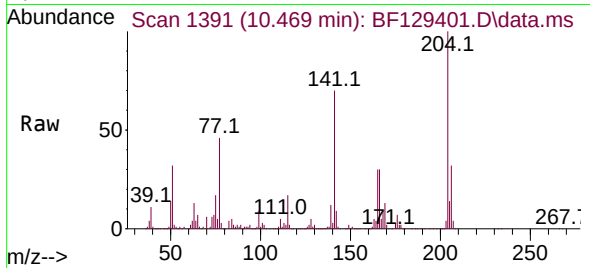
Tgt Ion:149 Resp: 1408814
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.958 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

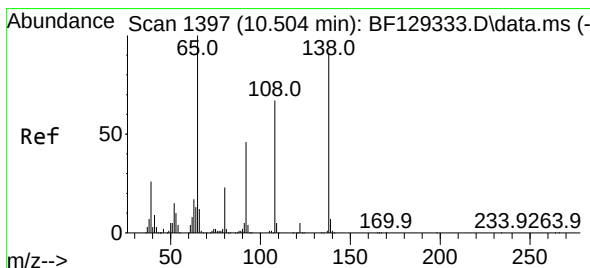
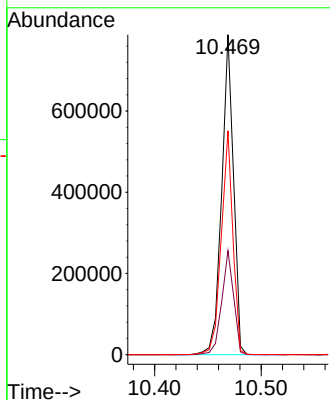
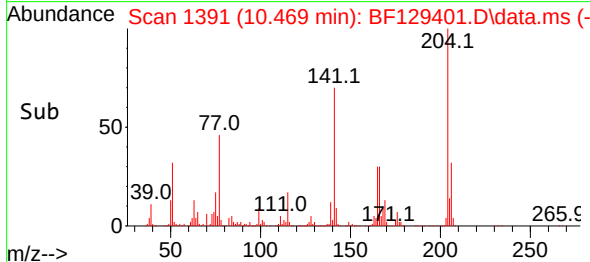
Instrument :
BNA_F
ClientSampleId :
PB146497BS



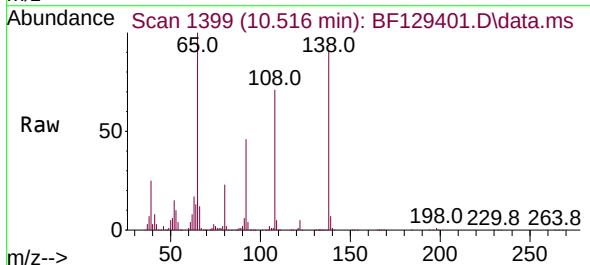
Tgt Ion:204 Resp: 609301
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 69.9 47.0 70.4

Manual Integrations
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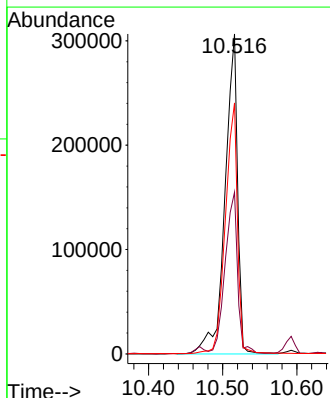
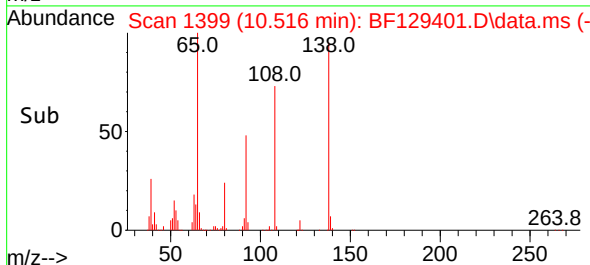
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

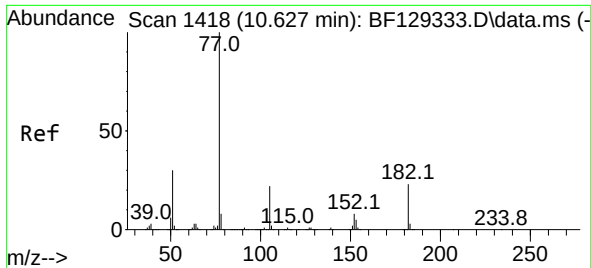


#62
4-Nitroaniline
Concen: 40.037 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.012 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:138 Resp: 360998
Ion Ratio Lower Upper
138 100
92 50.5 33.5 73.5
108 78.4 61.0 101.0





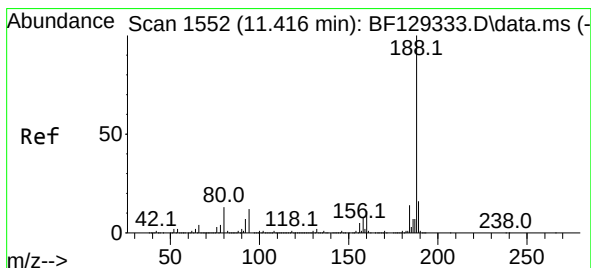
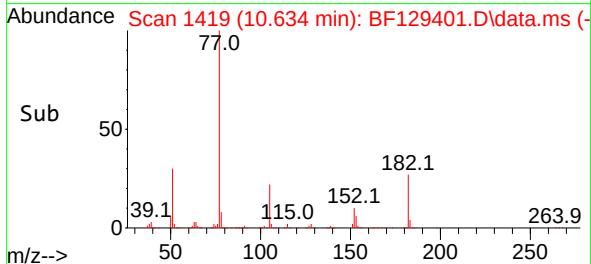
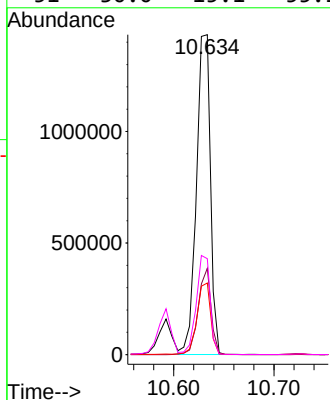
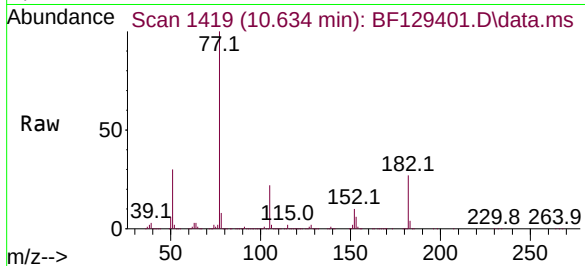
#63
Azobenzene
Concen: 40.944 ng
RT: 10.634 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Tgt Ion: 77 Resp: 1388348
Ion Ratio Lower Upper
77 100
182 27.0 5.6 45.6
105 22.4 1.6 41.6
51 30.0 15.1 55.1

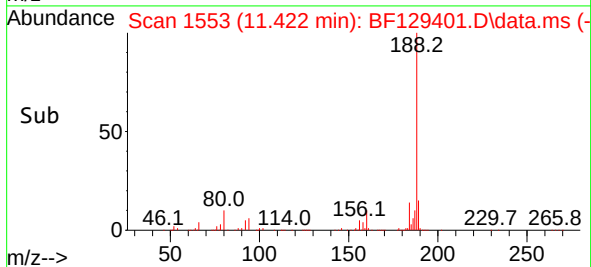
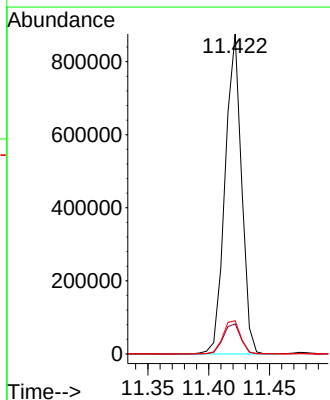
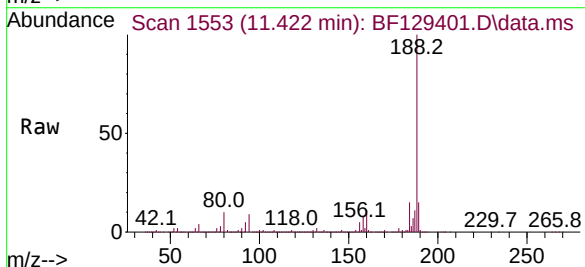
Manual Integrations
APPROVED

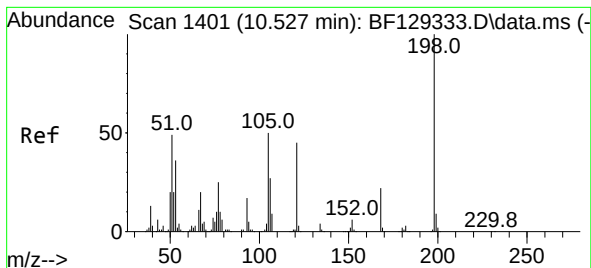
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

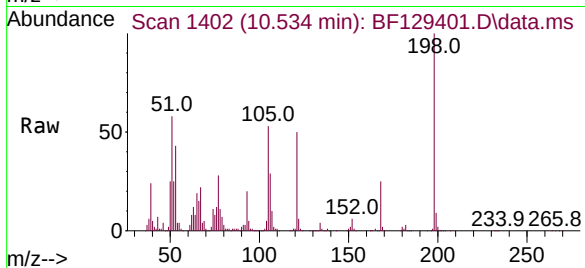
Tgt Ion:188 Resp: 819153
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 42.771 ng
RT: 10.534 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

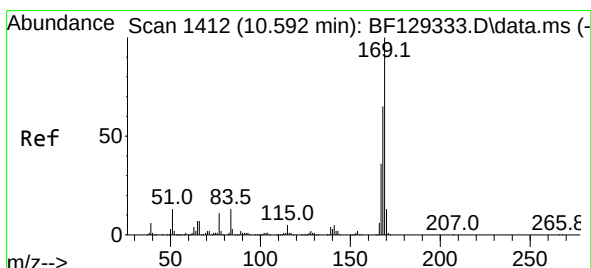
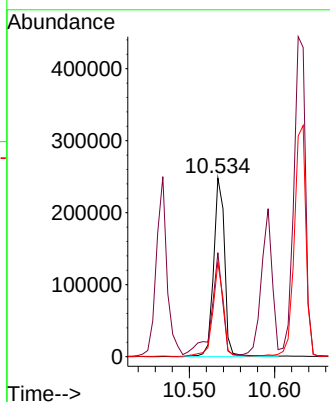
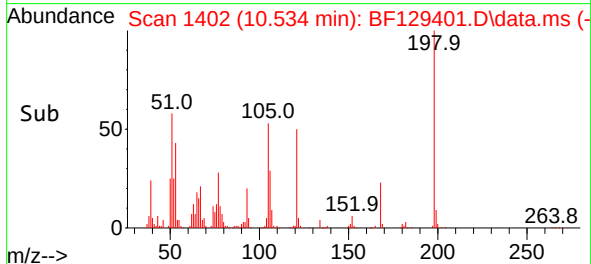
Instrument :
BNA_F
ClientSampleId :
PB146497BS



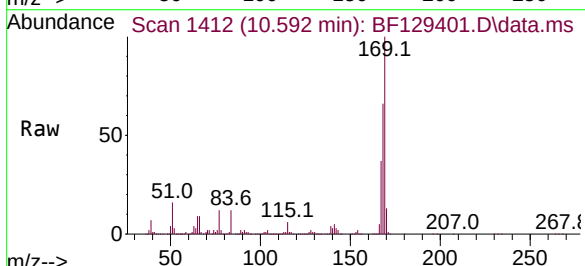
Tgt Ion:198 Resp: 221140
Ion Ratio Lower Upper
198 100
51 58.1 37.6 77.6
105 52.7 27.0 67.0

Manual Integrations
APPROVED

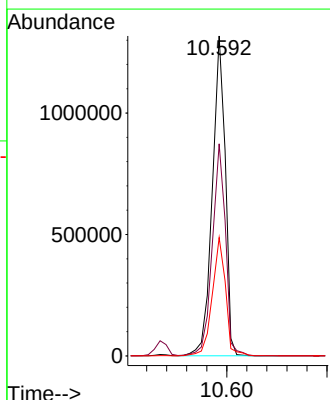
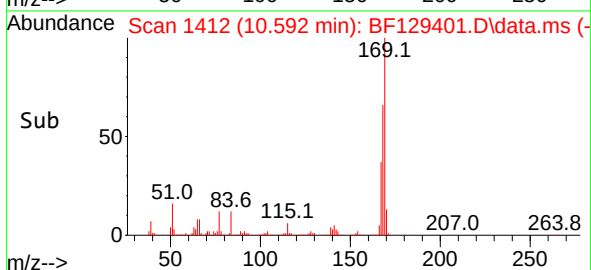
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

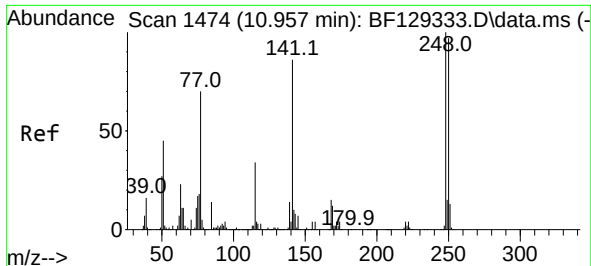


#66
n-Nitrosodiphenylamine
Concen: 43.333 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:169 Resp: 1182127
Ion Ratio Lower Upper
169 100
168 66.3 50.1 75.1
167 37.0 27.9 41.9





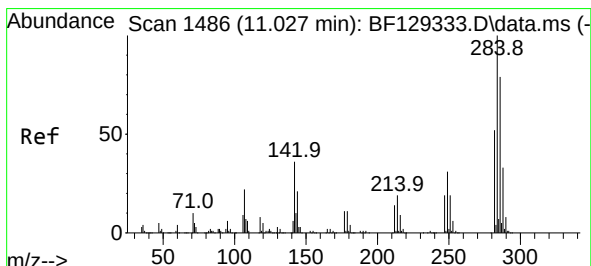
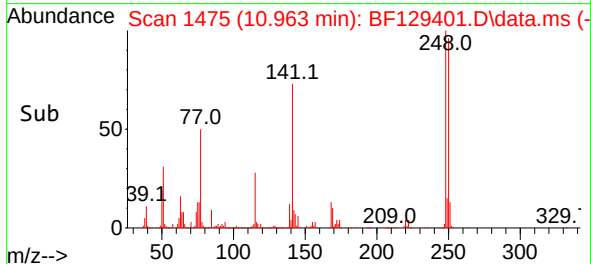
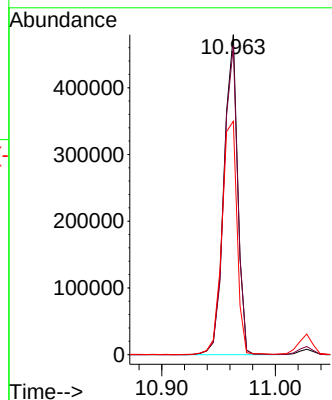
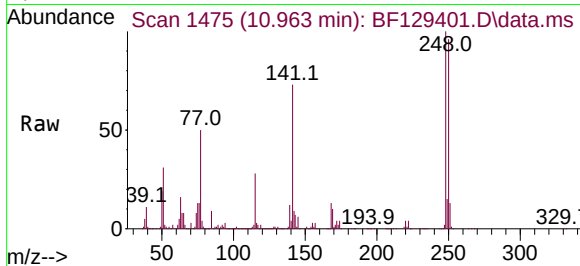
#67
4-Bromophenyl-phenylether
Concen: 44.817 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Tgt Ion:248 Resp: 402000
Ion Ratio Lower Upper
248 100
250 96.3 80.6 120.8
141 72.9 58.9 88.3

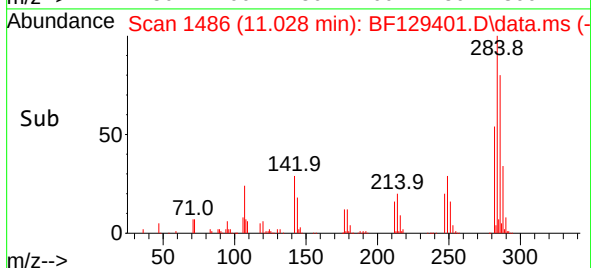
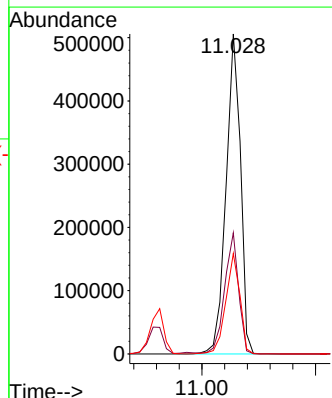
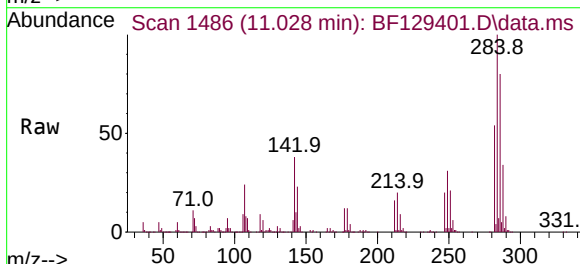
Manual Integrations
APPROVED

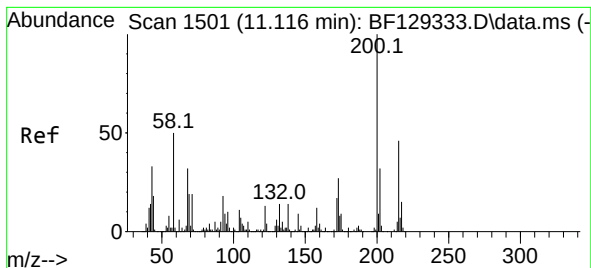
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#68
Hexachlorobenzene
Concen: 45.719 ng
RT: 11.028 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:284 Resp: 444356
Ion Ratio Lower Upper
284 100
142 37.8 29.0 43.4
249 31.4 25.0 37.6





#69

Atrazine

Concen: 44.090 ng

RT: 11.122 min Scan# 1502

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

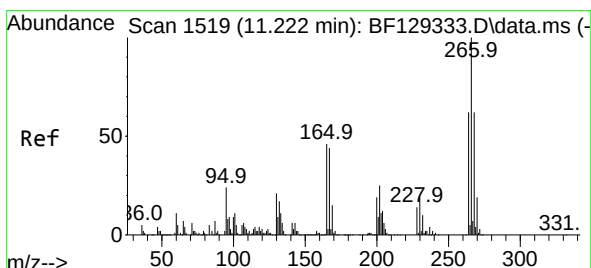
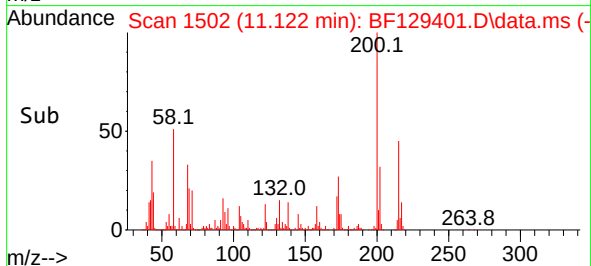
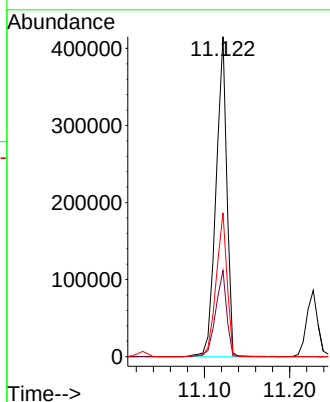
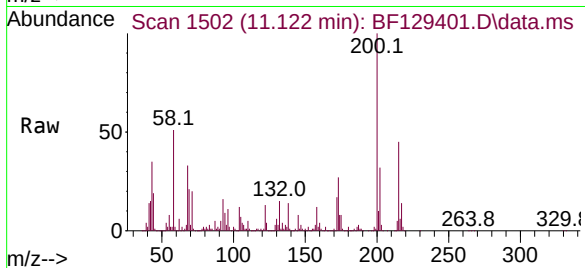
PB146497BS

Tgt Ion:200 Resp: 36533
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.3 46.3
 215 44.9 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022



#70

Pentachlorophenol

Concen: 80.543 ng

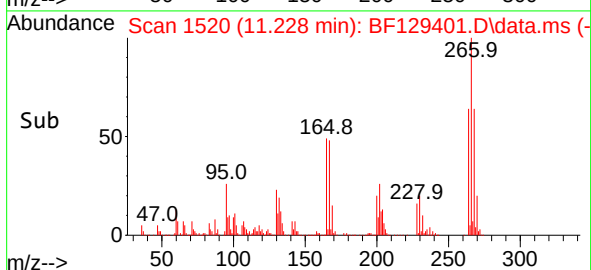
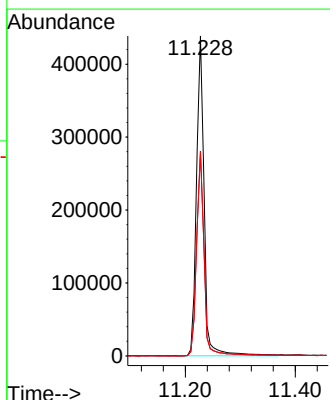
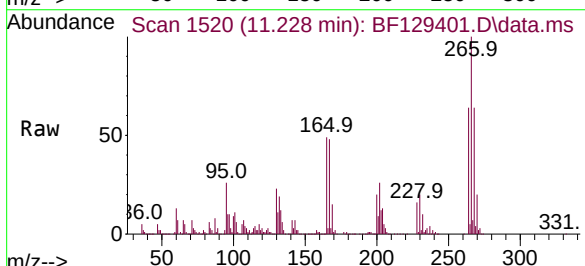
RT: 11.228 min Scan# 1520

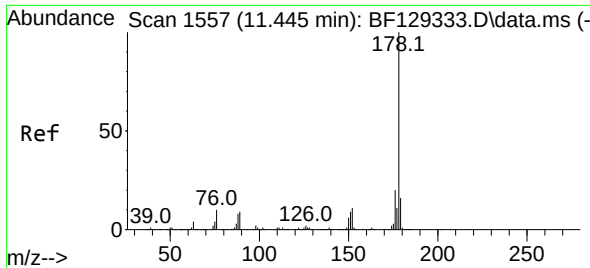
Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Tgt Ion:266 Resp: 425565
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.0 76.4
 264 63.8 49.4 74.2





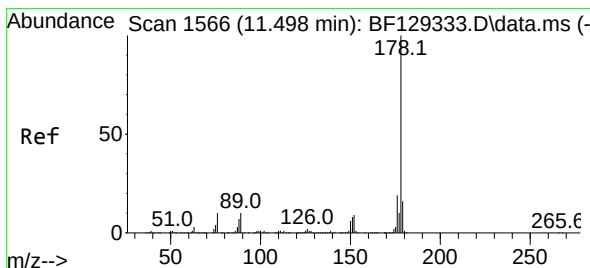
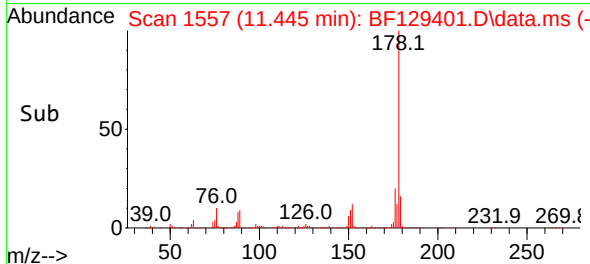
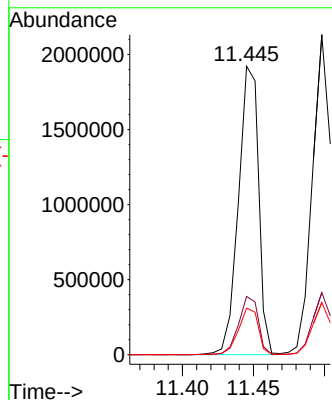
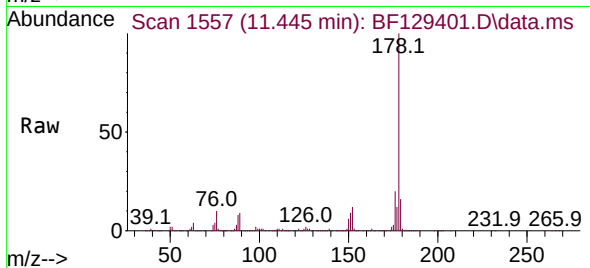
#71
Phenanthrene
Concen: 42.437 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Tgt Ion:178 Resp: 1897602
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.1 12.6 19.0

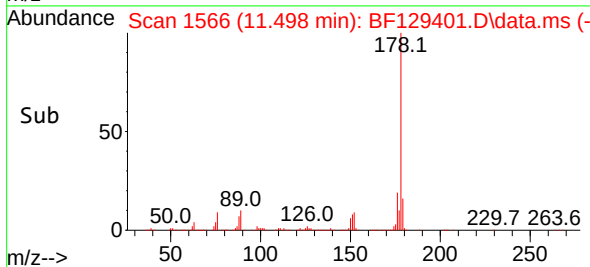
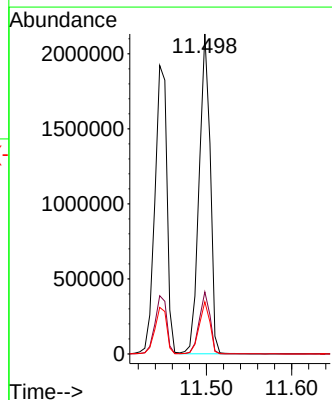
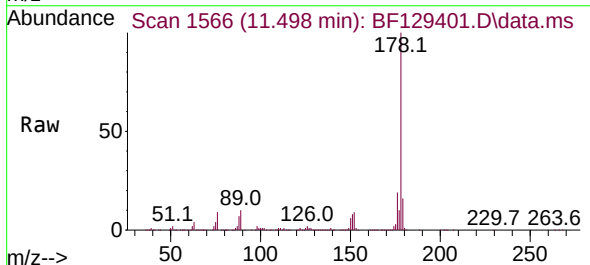
Manual Integrations
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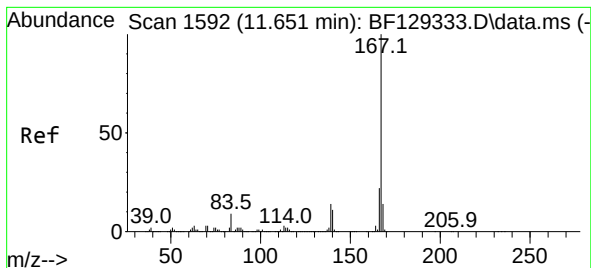
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#72
Anthracene
Concen: 43.601 ng
RT: 11.498 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:178 Resp: 1915928
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.3 12.6 19.0





#73

Carbazole

Concen: 43.863 ng

RT: 11.657 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion:167 Resp: 1814405

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

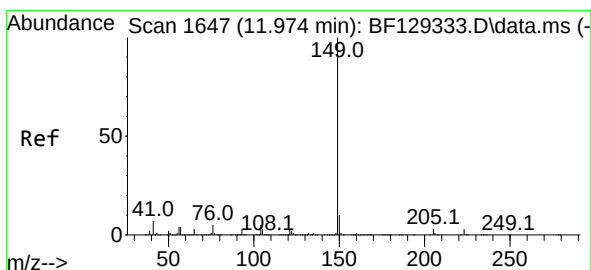
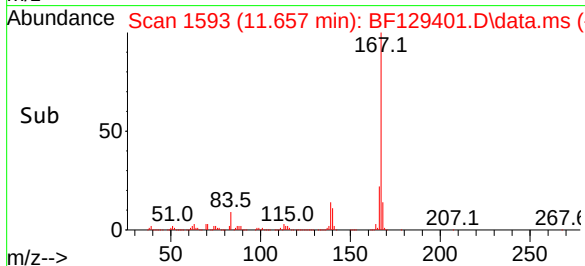
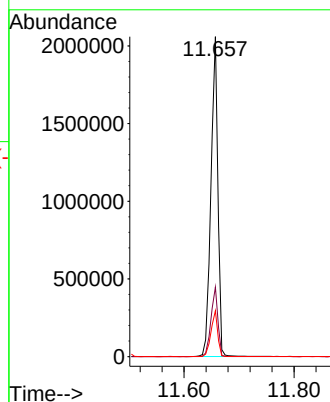
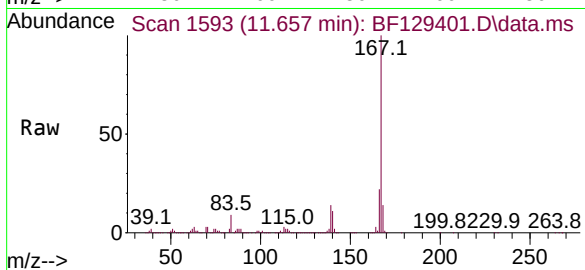
139 14.3 11.2 16.8

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#74

Di-n-butylphthalate

Concen: 43.036 ng

RT: 11.975 min Scan# 1647

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

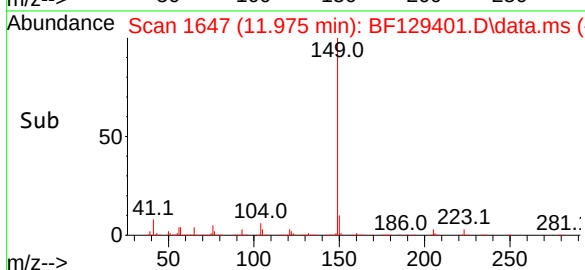
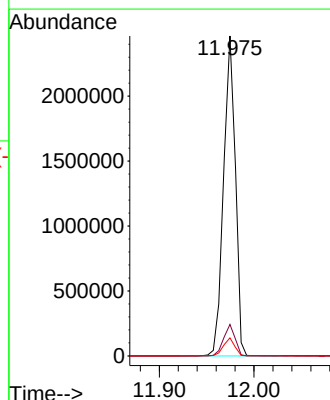
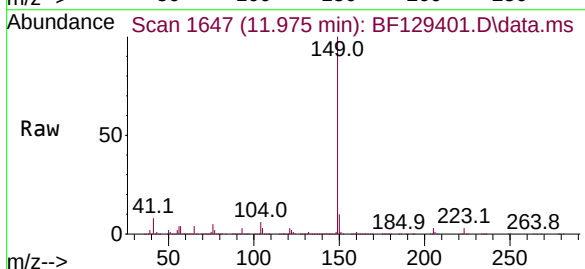
Tgt Ion:149 Resp: 2119978

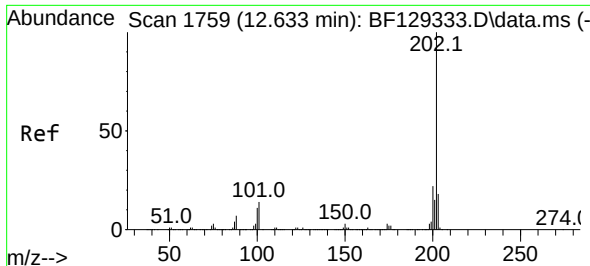
Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

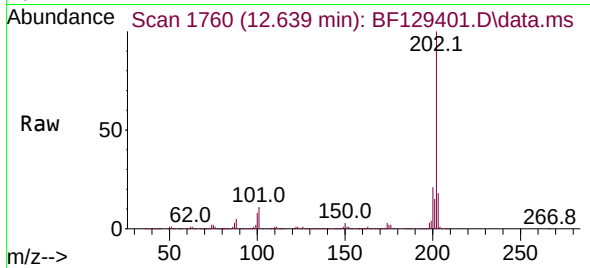
104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 43.522 ng
RT: 12.639 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

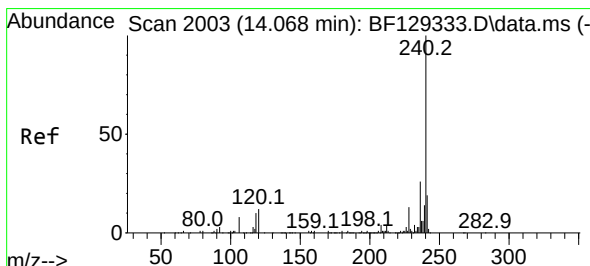
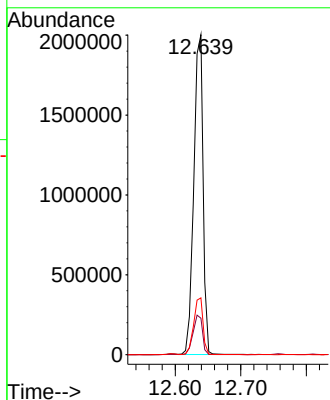
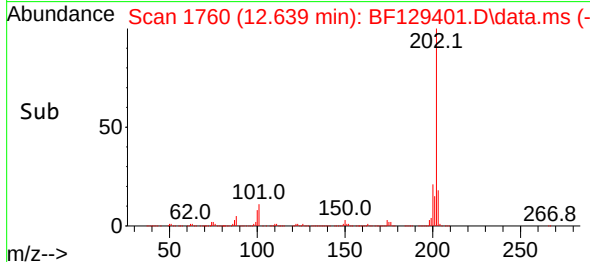
Instrument :
BNA_F
ClientSampleId :
PB146497BS



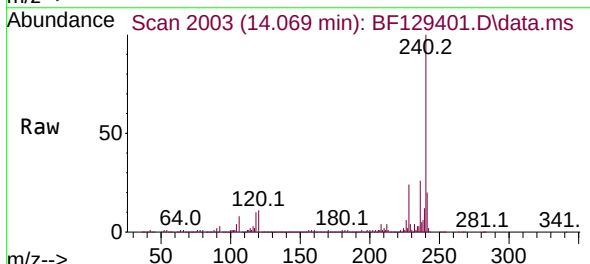
Tgt Ion:202 Resp: 1971863
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.7 0.0 38.0

Manual Integrations
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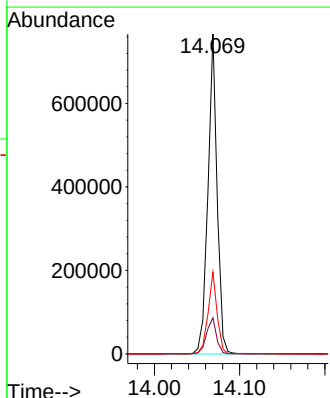
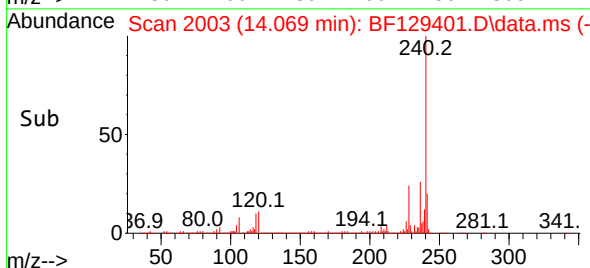
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

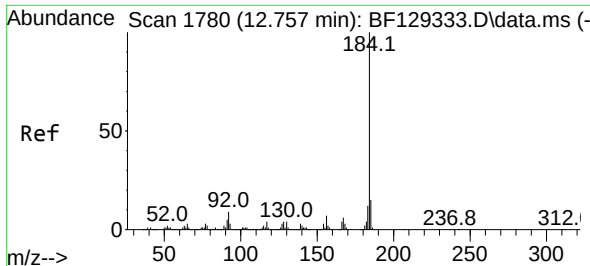


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:240 Resp: 573535
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.6 20.8 31.2





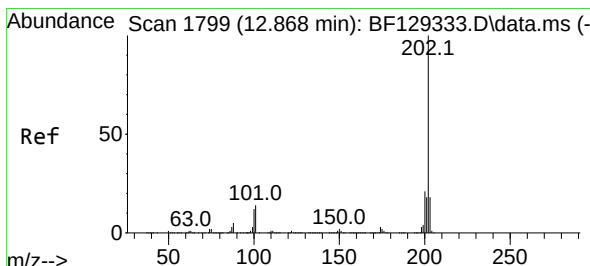
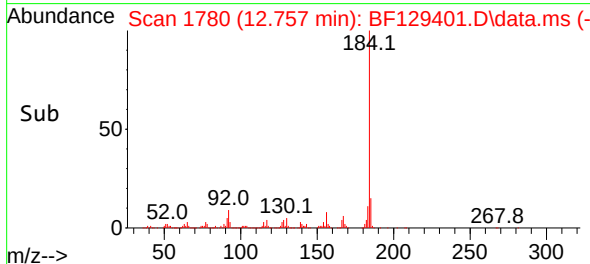
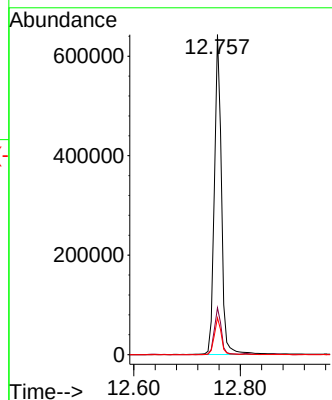
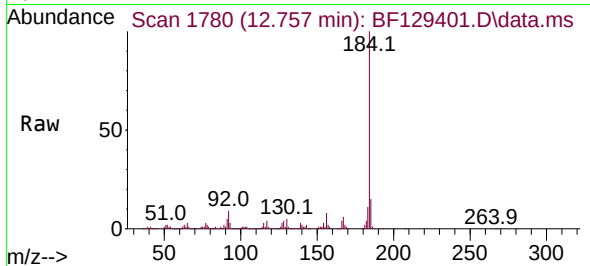
#77
Benzidine
Concen: 29.395 ng
RT: 12.757 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :
BNA_F
ClientSampleId :
PB146497BS

Tgt Ion:184 Resp: 595594
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 11.5 9.3 13.9

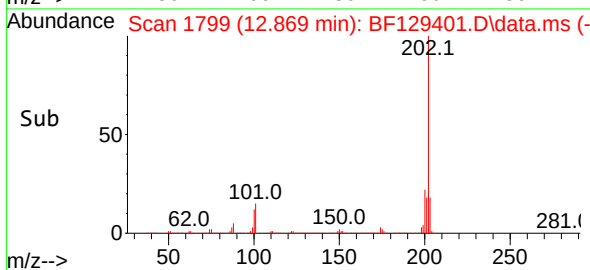
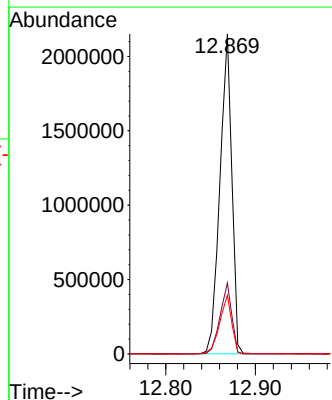
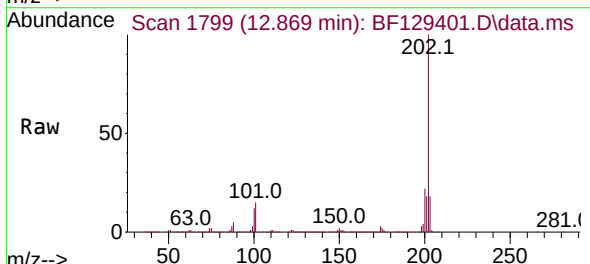
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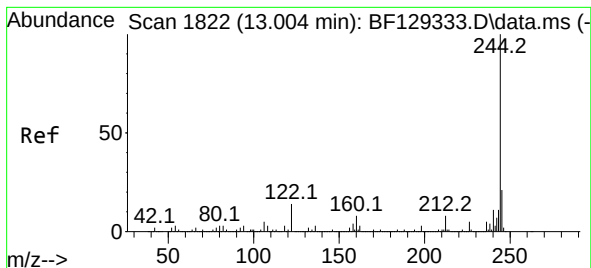
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#78
Pyrene
Concen: 41.705 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:202 Resp: 2000216
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 88.214 ng

RT: 13.010 min Scan# 1822

Delta R.T. 0.006 min

Lab File: BF129401.D

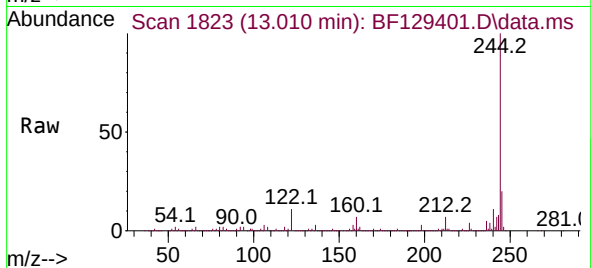
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS



Tgt Ion:244 Resp: 2681763

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

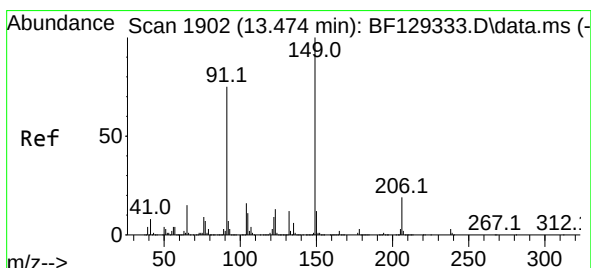
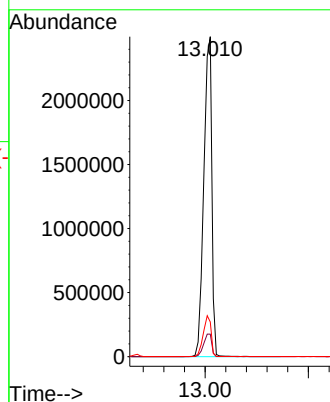
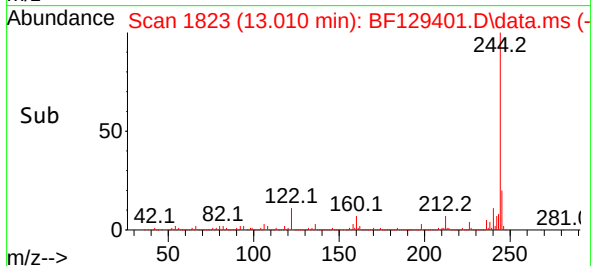
122 10.8 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#80

Butylbenzylphthalate

Concen: 43.210 ng

RT: 13.480 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

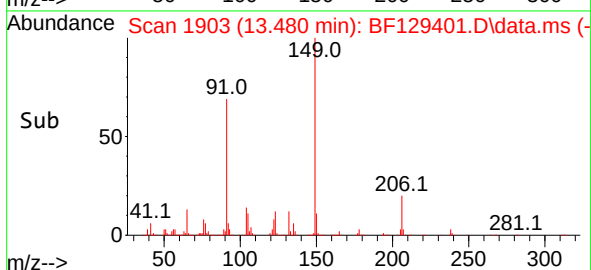
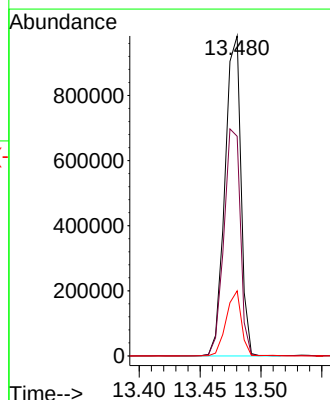
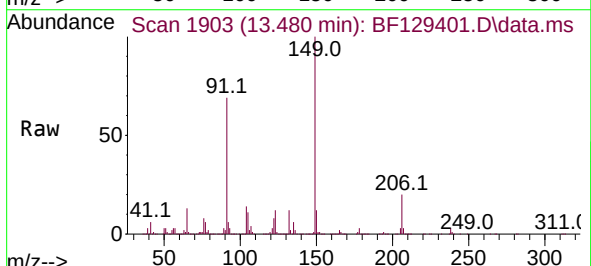
Tgt Ion:149 Resp: 898899

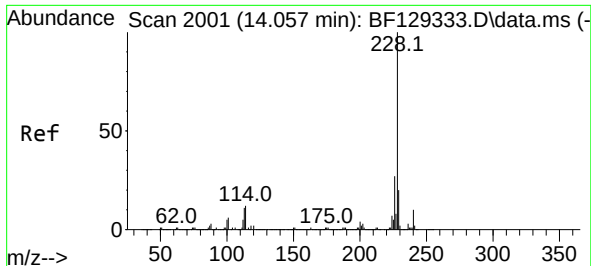
Ion Ratio Lower Upper

149 100

91 68.6 61.2 91.8

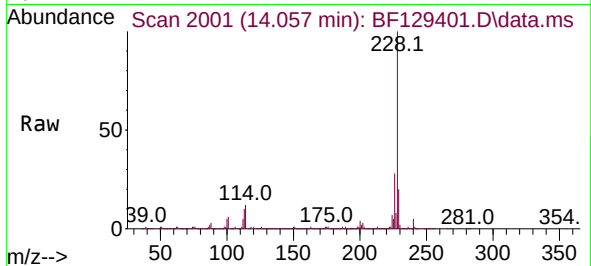
206 20.3 15.7 23.5





#81
Benzo(a)anthracene
Concen: 42.755 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

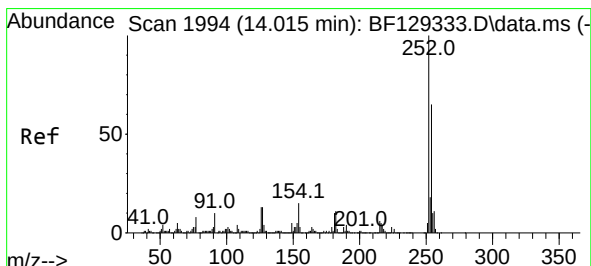
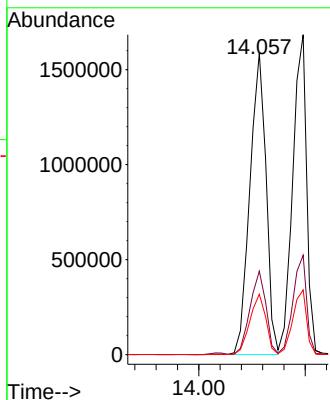
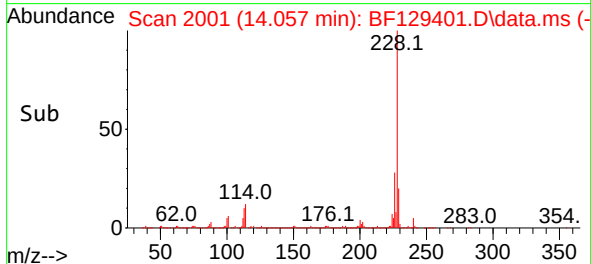
Instrument :
BNA_F
ClientSampleId :
PB146497BS



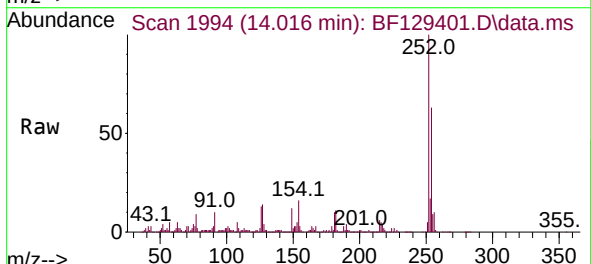
Tgt Ion:228 Resp: 1675040
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.0 15.8 23.8

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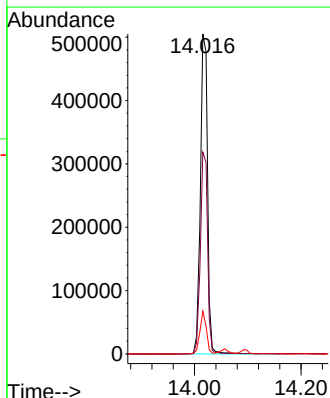
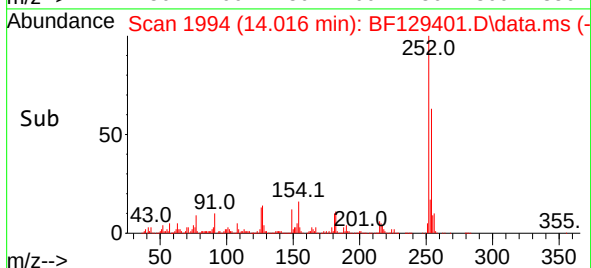
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

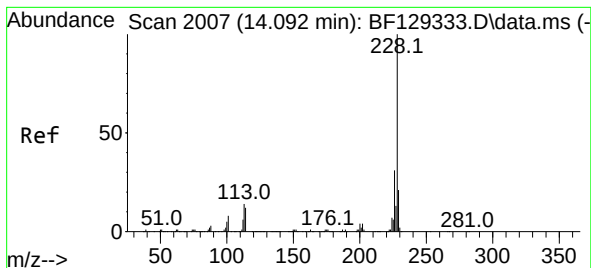


#82
3,3'-Dichlorobenzidine
Concen: 36.126 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:252 Resp: 467305
Ion Ratio Lower Upper
252 100
254 63.0 50.2 75.4
126 13.3 8.2 12.4





#83

Chrysene

Concen: 41.538 ng

RT: 14.098 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion:228 Resp: 153372

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

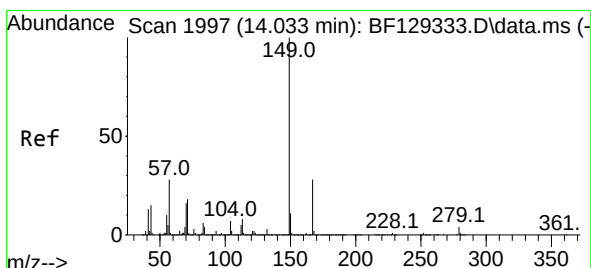
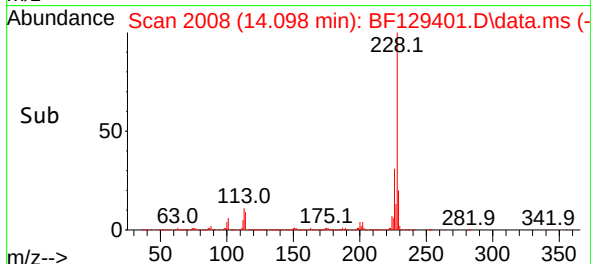
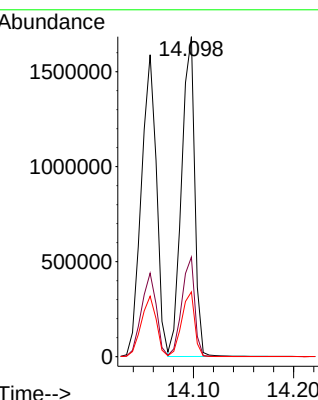
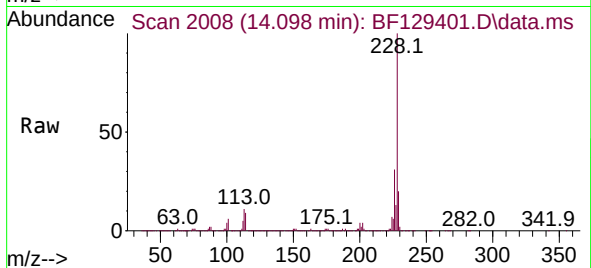
229 20.2 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.193 ng

RT: 14.033 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

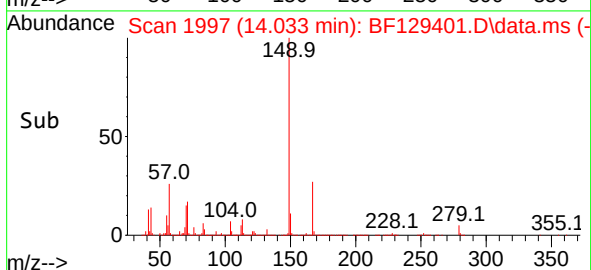
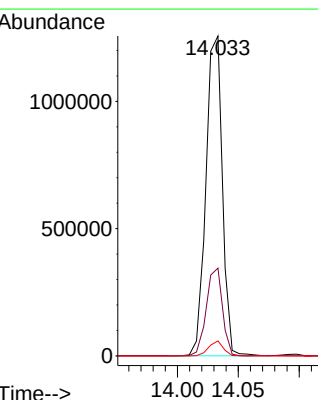
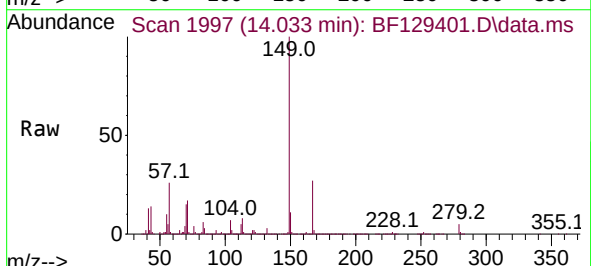
Tgt Ion:149 Resp: 1182938

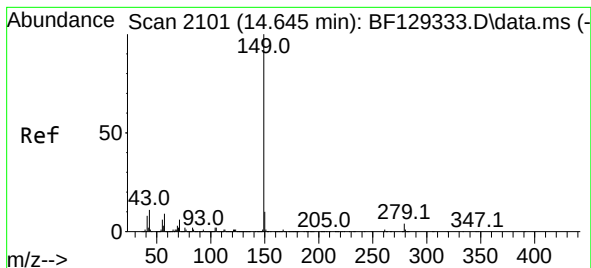
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.4

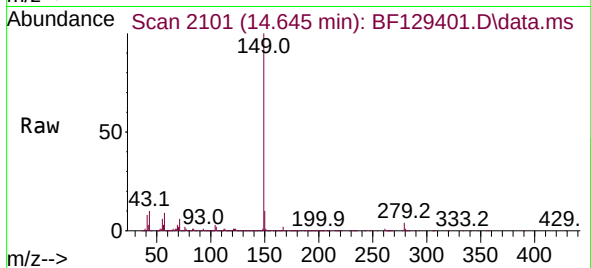
279 4.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.149 ng
RT: 14.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

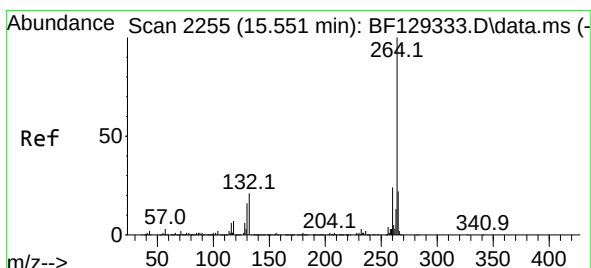
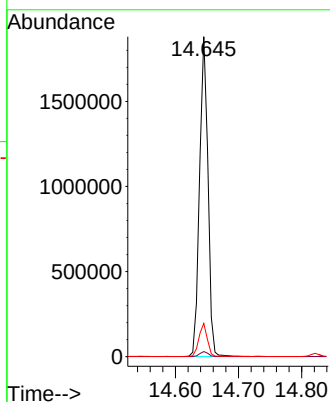
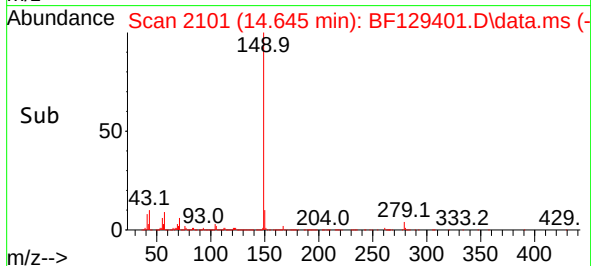
Instrument :
BNA_F
ClientSampleId :
PB146497BS



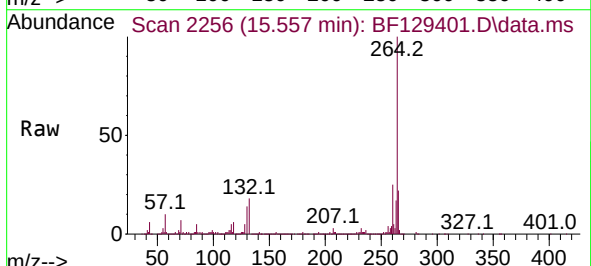
Tgt Ion:149 Resp: 1739968
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 9.2 13.8

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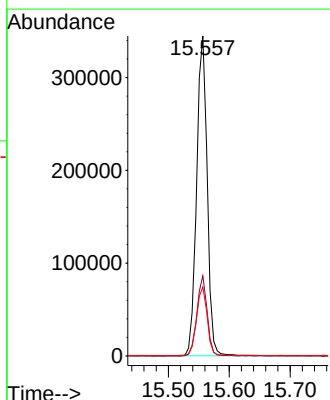
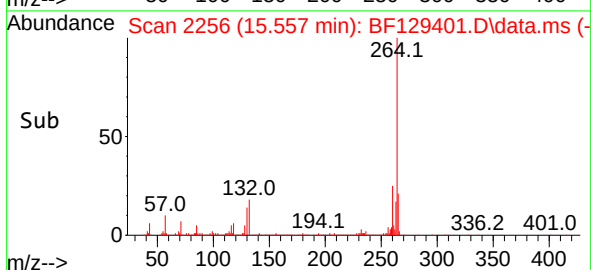
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

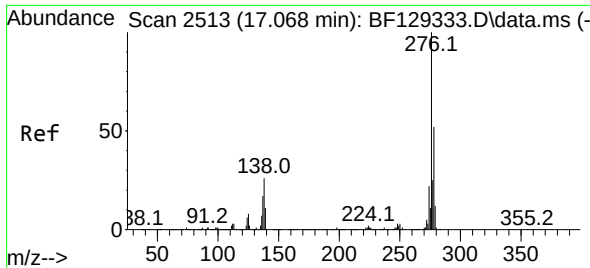


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52



Tgt Ion:264 Resp: 415858
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 21.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.307 ng
RT: 17.074 min Scan# 2513
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

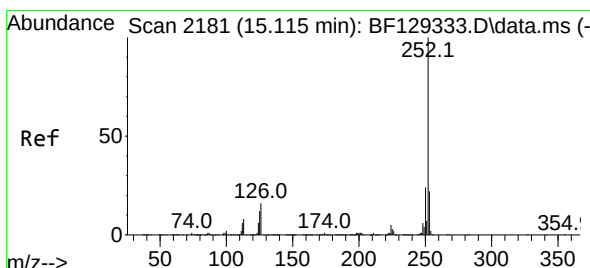
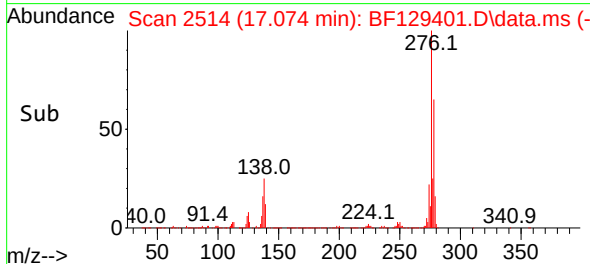
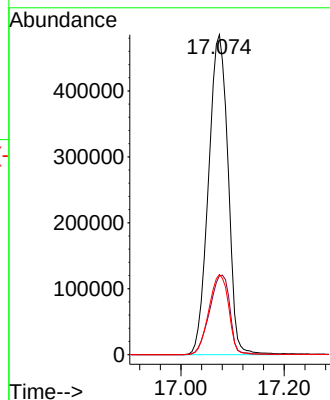
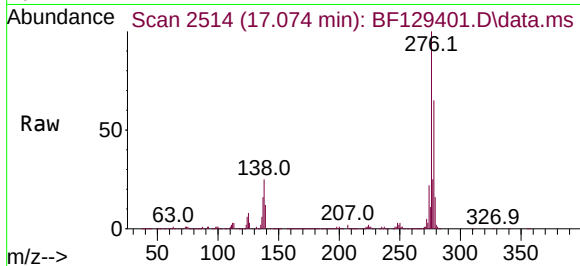
ClientSampleId :

PB146497BS

Tgt Ion:276 Resp: 1268795
Ion Ratio Lower Upper
276 100
138 25.9 21.1 31.7
277 25.6 20.3 30.5

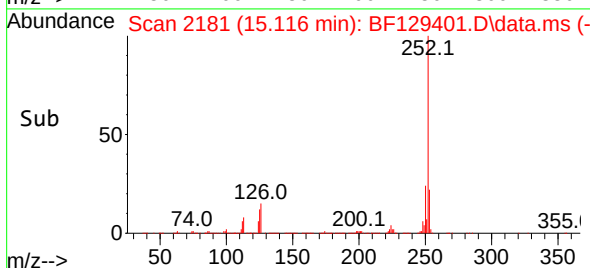
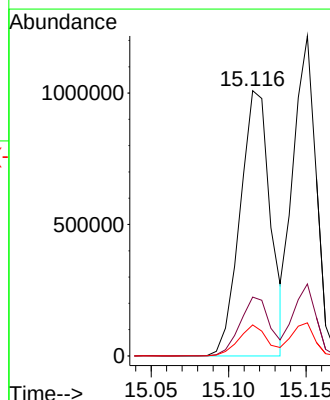
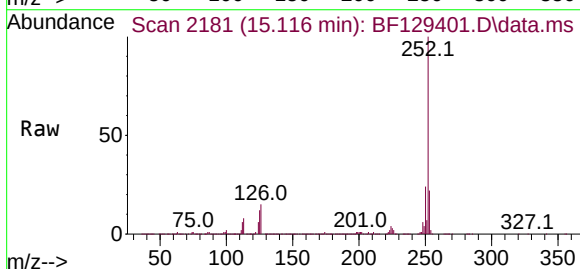
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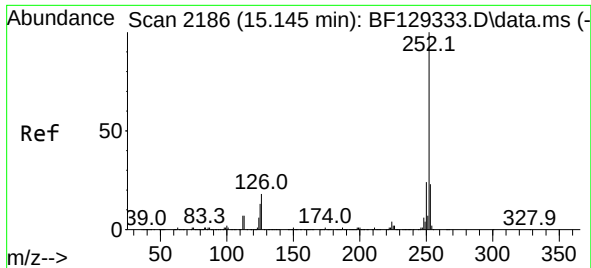
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#88
Benzo(b)fluoranthene
Concen: 49.987 ng
RT: 15.116 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:252 Resp: 1378909
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.947 ng

RT: 15.151 min Scan# 2186

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

PB146497BS

Tgt Ion:252 Resp: 1269103

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

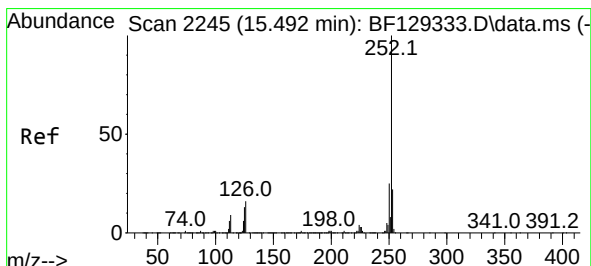
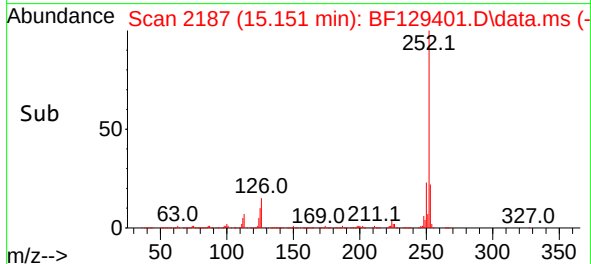
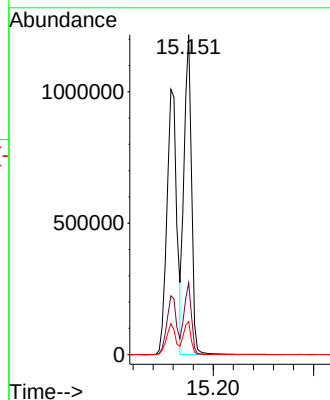
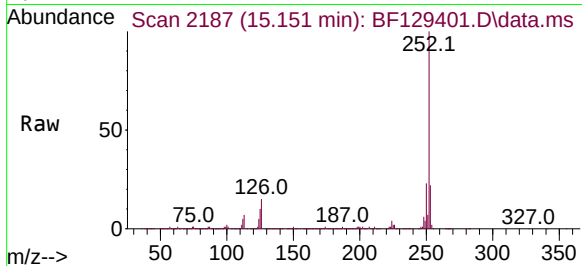
125 10.3 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022



#90

Benzo(a)pyrene

Concen: 54.209 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF129401.D

Acq: 28 Jul 2022 10:52

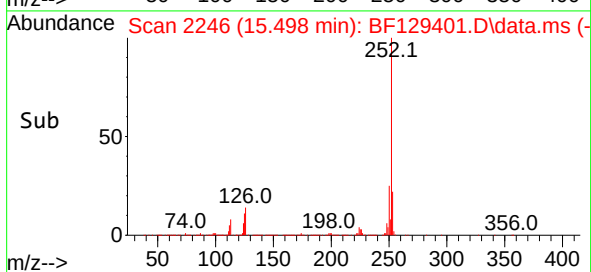
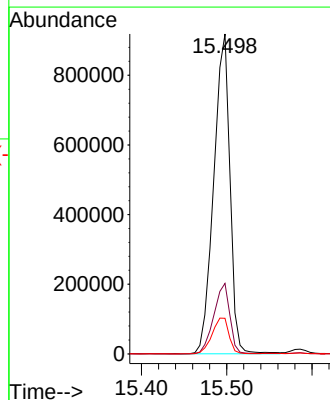
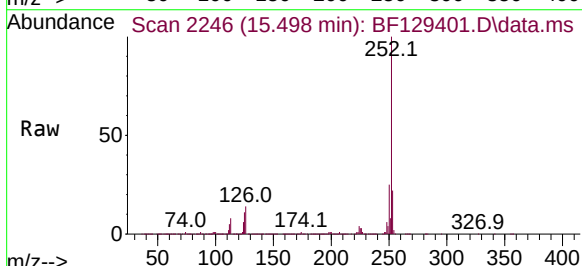
Tgt Ion:252 Resp: 1213887

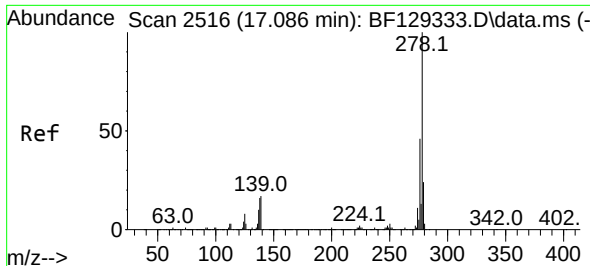
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.056 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Instrument :

BNA_F

ClientSampleId :

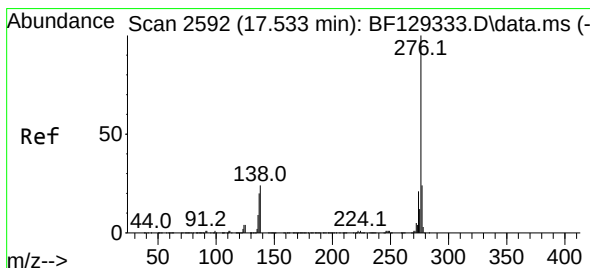
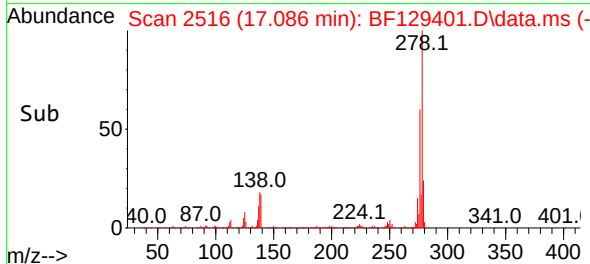
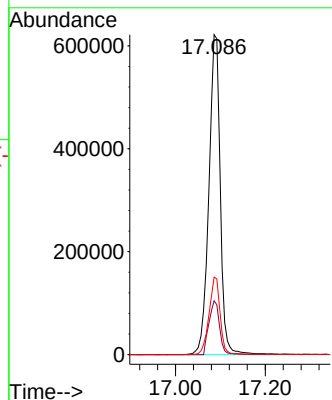
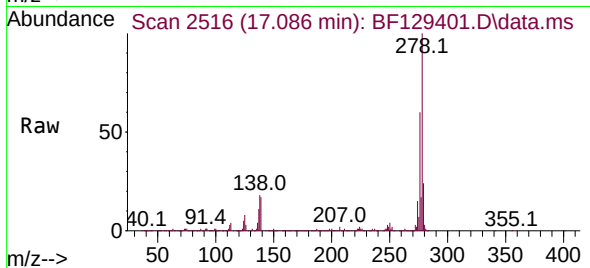
PB146497BS

Tgt Ion:278 Resp: 1095326
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#92
Benzo(g,h,i)perylene
Concen: 49.319 ng
RT: 17.539 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF129401.D
Acq: 28 Jul 2022 10:52

Tgt Ion:276 Resp: 1148674
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 22.0 18.0 27.0

