

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129434.D
 Acq On : 29 Jul 2022 10:44
 Operator : CG\JU
 Sample : PB146473BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146473BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/01/2022
 Supervised By : Jagrut Upadhyay 08/01/2022

Quant Time: Jul 29 18:18:26 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	6.886	152	229688	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	923560	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	484168	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	792357	20.000	ng	0.01
76) Chrysene-d12	14.074	240	505994	20.000	ng	0.00
86) Perylene-d12	15.568	264	401123	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1754034	124.400	ng	0.03
7) Phenol-d6	6.534	99	2185661	123.325	ng	0.02
23) Nitrobenzene-d5	7.457	82	1456263	86.075	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	588570	126.441	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	2436743	77.856	ng	0.00
79) Terphenyl-d14	13.010	244	2534380	94.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	206999	32.538	ng	89
3) Pyridine	3.557	79	512773	29.025	ng	90
4) n-Nitrosodimethylamine	3.504	42	344937	44.463	ng	# 92
6) Aniline	6.557	93	800900	36.351	ng	98
8) 2-Chlorophenol	6.681	128	747332	48.514	ng	95
9) Benzaldehyde	6.439	77	193386	16.068	ng	98
10) Phenol	6.545	94	858888m	45.508	ng	
11) bis(2-Chloroethyl)ether	6.628	93	695128	46.442	ng	91
12) 1,3-Dichlorobenzene	6.828	146	733472	44.396	ng	99
13) 1,4-Dichlorobenzene	6.904	146	747613	44.495	ng	99
14) 1,2-Dichlorobenzene	7.057	146	723425	46.841	ng	98
15) Benzyl Alcohol	7.039	79	627725	48.837	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	946951	42.089	ng	87
17) 2-Methylphenol	7.151	107	577092	45.158	ng	# 93
18) Hexachloroethane	7.398	117	289047	45.687	ng	92
19) n-Nitroso-di-n-propyla...	7.310	70	485674	45.266	ng	90
20) 3+4-Methylphenols	7.304	107	683312	42.053	ng	# 85
22) Acetophenone	7.298	105	949842	44.174	ng	# 91
24) Nitrobenzene	7.475	77	767629	44.061	ng	99
25) Isophorone	7.716	82	1385212	45.677	ng	98
26) 2-Nitrophenol	7.792	139	397758	46.279	ng	90
27) 2,4-Dimethylphenol	7.828	122	670995m	52.046	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	843325	47.937	ng	99
29) 2,4-Dichlorophenol	8.033	162	583906	43.881	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	610826	44.348	ng	97
31) Naphthalene	8.198	128	2009542	42.827	ng	100
32) Benzoic acid	7.969	122	296997	31.866	ng	97
33) 4-Chloroaniline	8.245	127	640691	33.258	ng	97
34) Hexachlorobutadiene	8.304	225	351197	44.857	ng	99
35) Caprolactam	8.639	113	184802m	42.717	ng	
36) 4-Chloro-3-methylphenol	8.733	107	642019	45.490	ng	97
37) 2-Methylnaphthalene	8.886	142	1306802	42.856	ng	99
38) 1-Methylnaphthalene	8.986	142	1242934	42.225	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	565542	44.485	ng	98
41) Hexachlorocyclopentadiene	9.033	237	578716	102.227	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	396070	42.894	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	409062	40.737	ng	95
46) 1,1'-Biphenyl	9.351	154	1550157	43.871	ng	99
47) 2-Chloronaphthalene	9.380	162	1211629	42.417	ng	99
48) 2-Nitroaniline	9.480	65	400058	42.119	ng	91
49) Acenaphthylene	9.798	152	1893177	43.618	ng	100
50) Dimethylphthalate	9.657	163	1440604	43.101	ng	100
51) 2,6-Dinitrotoluene	9.722	165	325010	43.446	ng	94
52) Acenaphthene	9.969	154	1311516m	46.264	ng	
53) 3-Nitroaniline	9.898	138	282814	32.015	ng	# 87
54) 2,4-Dinitrophenol	10.004	184	328331	85.974	ng	94
55) Dibenzofuran	10.139	168	1632575	41.776	ng	94
56) 4-Nitrophenol	10.069	139	489277	75.076	ng	92
57) 2,4-Dinitrotoluene	10.127	165	424905	43.479	ng	95
58) Fluorene	10.486	166	1305895	41.764	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	315106	40.607	ng	93
60) Diethylphthalate	10.357	149	1375150	42.561	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	600326	43.549	ng	95
62) 4-Nitroaniline	10.516	138	352250	40.197	ng	97
63) Azobenzene	10.633	77	1346400	40.855	ng	95
65) 4,6-Dinitro-2-methylph...	10.539	198	214859	42.962	ng	96
66) n-Nitrosodiphenylamine	10.598	169	1154859	43.766	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	391518	45.124	ng	92
68) Hexachlorobenzene	11.033	284	425220	45.230	ng	99
69) Atrazine	11.127	200	356479	44.477	ng	97
70) Pentachlorophenol	11.233	266	407448	79.722	ng	99
71) Phenanthrene	11.451	178	1855267	42.894	ng	99
72) Anthracene	11.504	178	1859336	43.744	ng	100
73) Carbazole	11.663	167	1738114	43.440	ng	100
74) Di-n-butylphthalate	11.974	149	2080348	43.660	ng	99
75) Fluoranthene	12.645	202	1886180	43.039	ng	99
77) Benzidine	12.763	184	507492	28.390	ng	99
78) Pyrene	12.874	202	1903263	44.981	ng	100
80) Butylbenzylphthalate	13.480	149	839588	45.747	ng	98
81) Benzo(a)anthracene	14.062	228	1510530	43.702	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	424474	37.195	ng	# 97
83) Chrysene	14.104	228	1361327	41.790	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	1094252	45.288	ng	99
85) Di-n-octyl phthalate	14.651	149	1600583	46.033	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	1283969	47.533	ng	99
88) Benzo(b)fluoranthene	15.127	252	1233148	46.345	ng	99
89) Benzo(k)fluoranthene	15.157	252	1226930	47.054	ng	99
90) Benzo(a)pyrene	15.504	252	1179180	54.593	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	1107003	50.352	ng	99
92) Benzo(g,h,i)perylene	17.562	276	1134116	50.483	ng	98

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

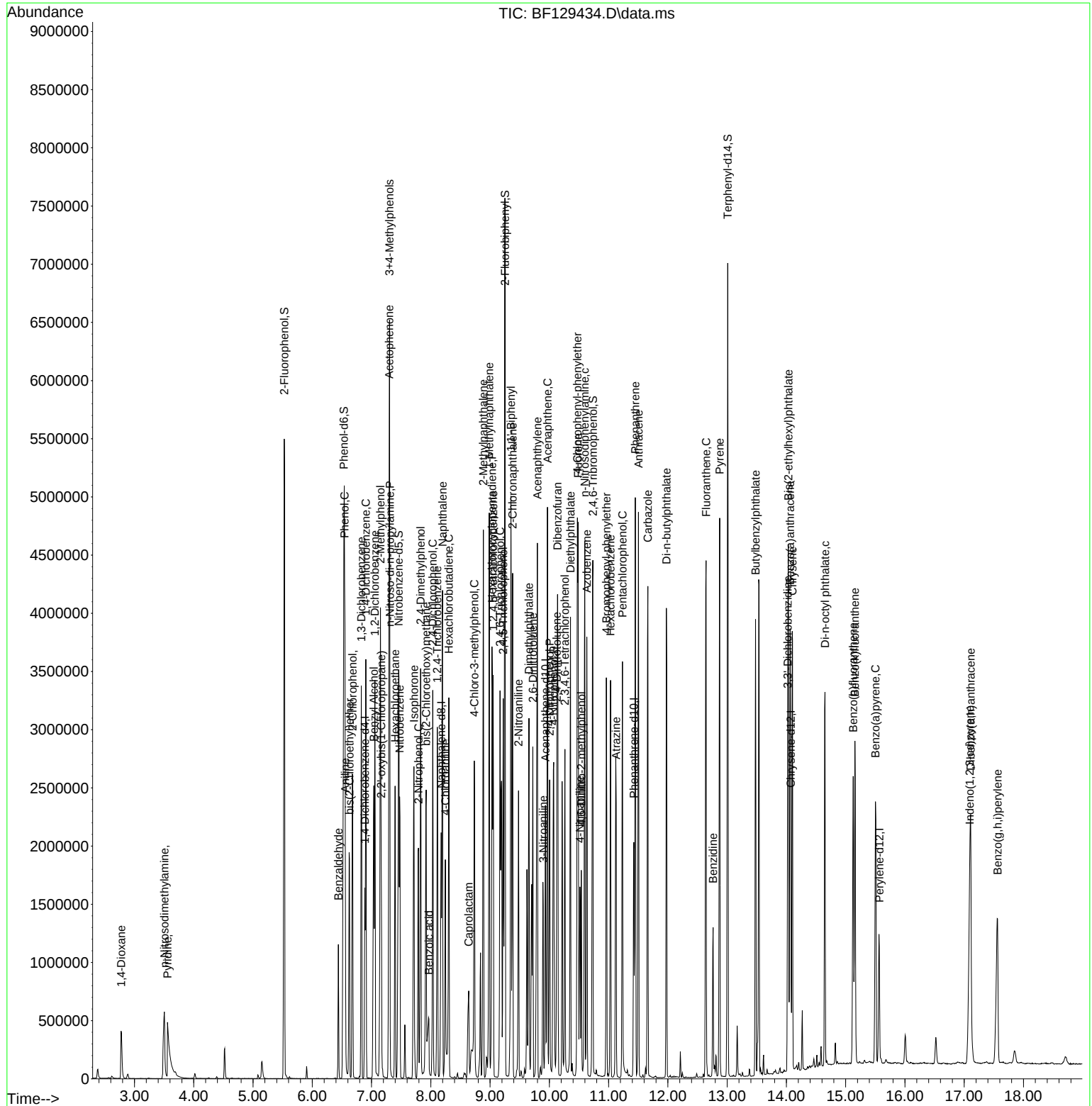
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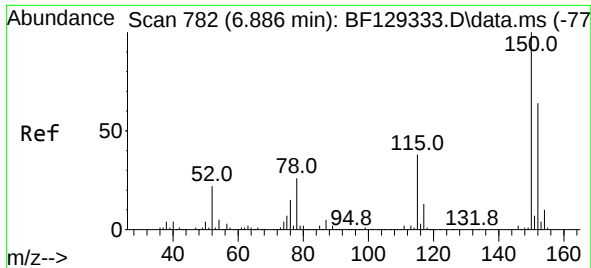
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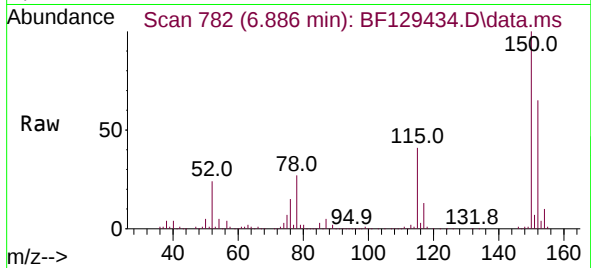
Reviewed By : Christian Giraldo 08/01/2022
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: BF129434.D
 Acq: 29 Jul 2022 10:44

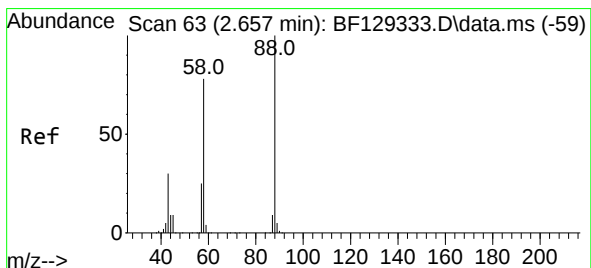
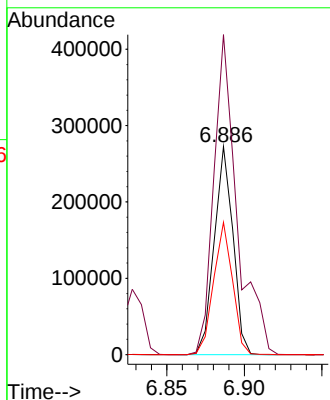
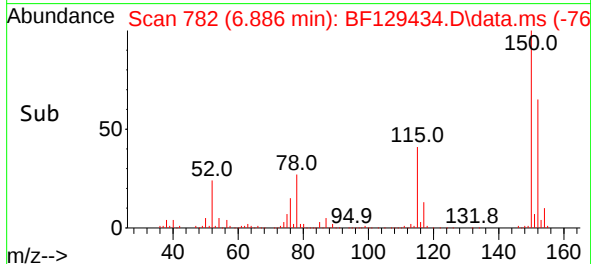
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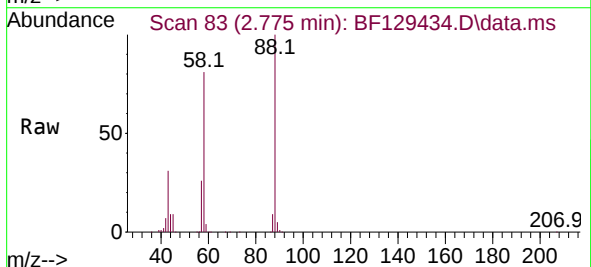
Tgt Ion: 152 Resp: 229688
 Ion Ratio Lower Upper
 152 100
 150 153.8 123.7 185.5
 115 63.6 49.9 74.9

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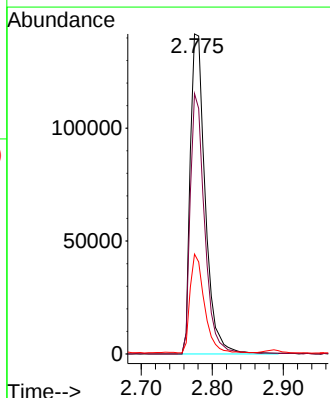
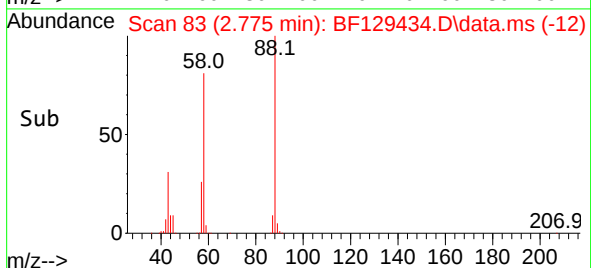
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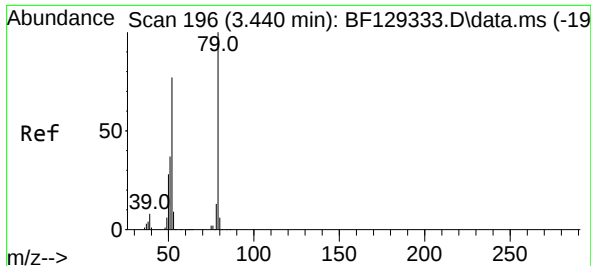


#2
 1,4-Dioxane
 Concen: 32.538 ng
 RT: 2.775 min Scan# 83
 Delta R.T. 0.118 min
 Lab File: BF129434.D
 Acq: 29 Jul 2022 10:44



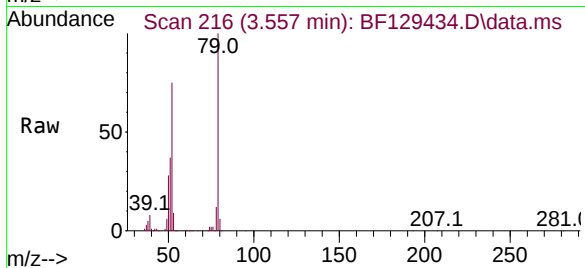
Tgt Ion: 88 Resp: 206999
 Ion Ratio Lower Upper
 88 100
 58 78.1 71.8 107.8
 43 29.6 26.6 39.8





#3
Pyridine
Concen: 29.025 ng
RT: 3.557 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

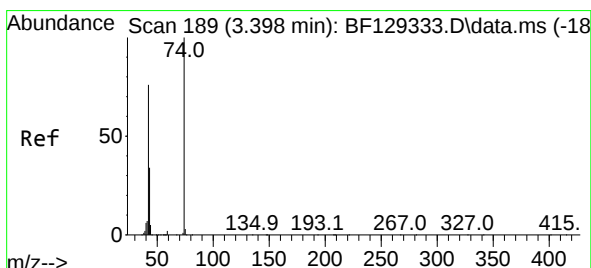
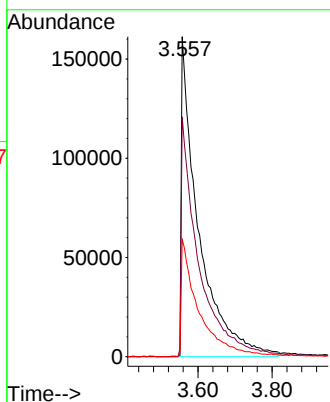
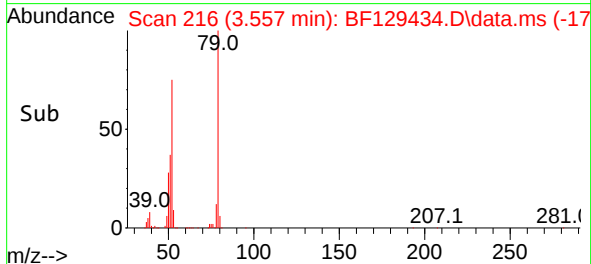
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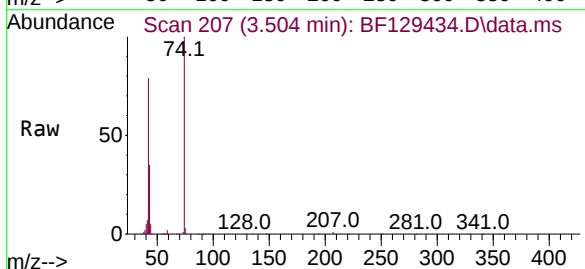
Tgt Ion: 79 Resp: 512773
Ion Ratio Lower Upper
79 100
52 75.0 68.6 102.8
51 36.6 32.9 49.3

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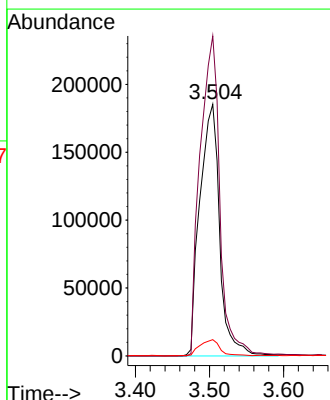
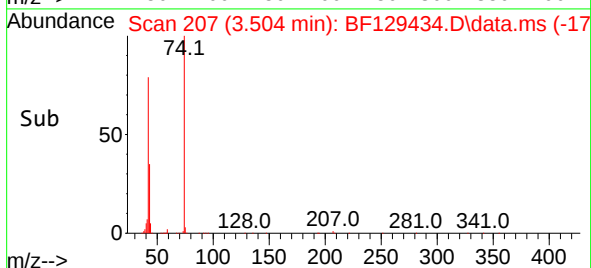
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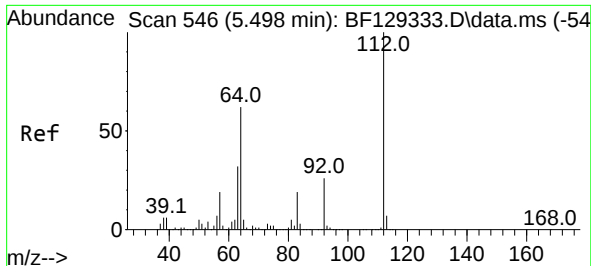


#4
n-Nitrosodimethylamine
Concen: 44.463 ng
RT: 3.504 min Scan# 207
Delta R.T. 0.106 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion: 42 Resp: 344937
Ion Ratio Lower Upper
42 100
74 127.2 94.8 142.2
44 6.4 6.6 10.0





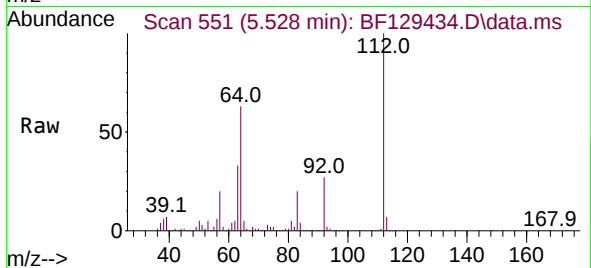
#5
2-Fluorophenol
Concen: 124.400 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

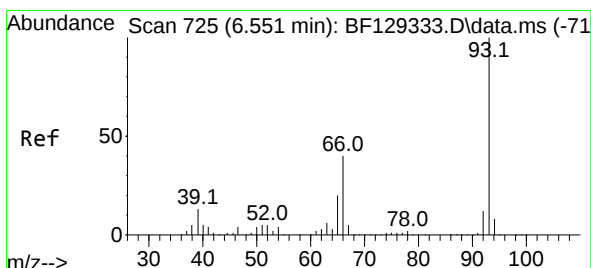
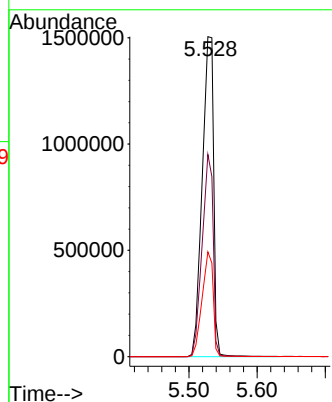
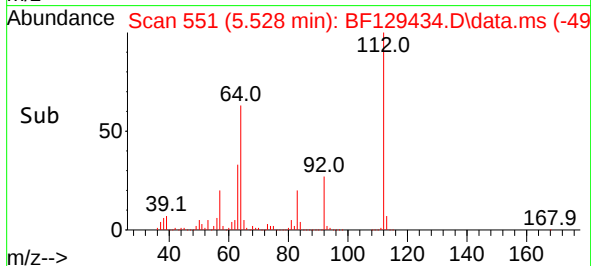


Tgt Ion:112 Resp: 1754034
Ion Ratio Lower Upper
112 100
64 63.2 53.3 79.9
63 32.7 28.0 42.0

Manual Integrations

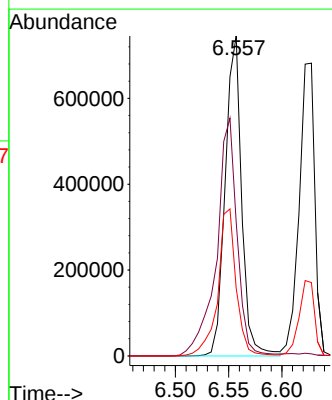
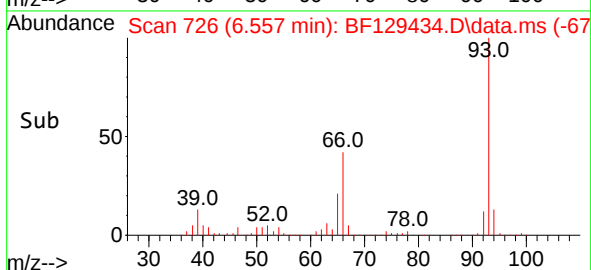
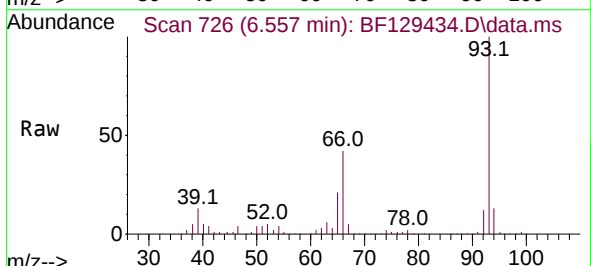
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#6
Aniline
Concen: 36.351 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

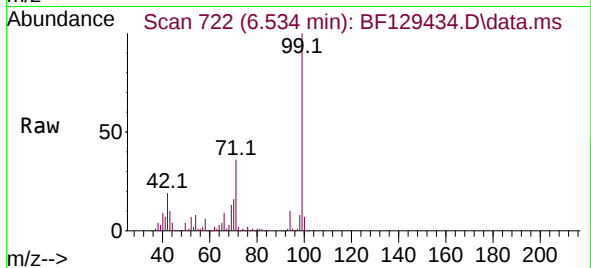
Tgt Ion: 93 Resp: 800900
Ion Ratio Lower Upper
93 100
66 41.8 32.5 48.7
65 21.1 16.4 24.6





#7
Phenol-d6
Concen: 123.325 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

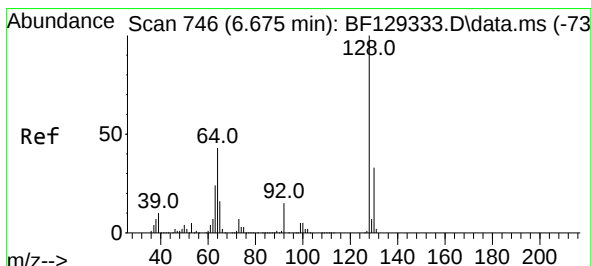
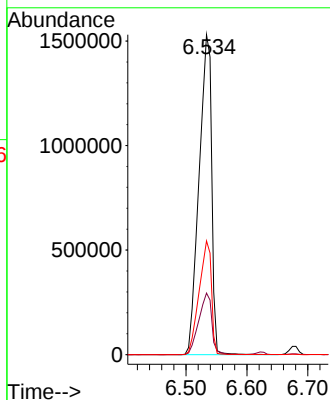
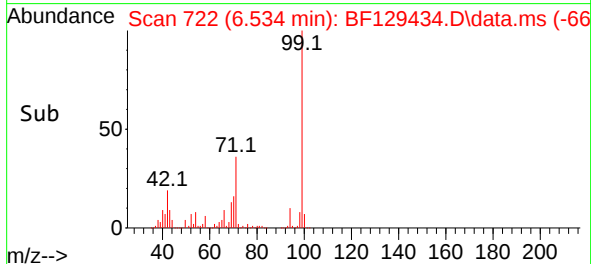
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Tgt Ion: 99 Resp: 218566
Ion Ratio Lower Upper
99 100
42 19.2 17.3 25.9
71 35.6 28.9 43.3

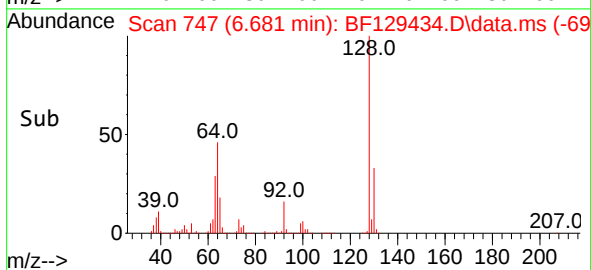
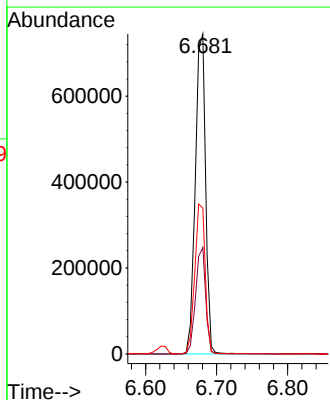
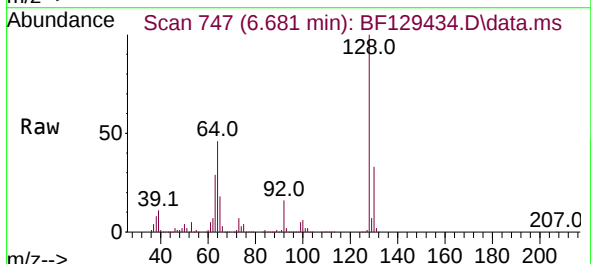
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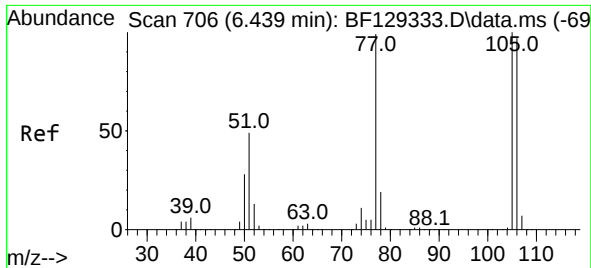
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#8
2-Chlorophenol
Concen: 48.514 ng
RT: 6.681 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

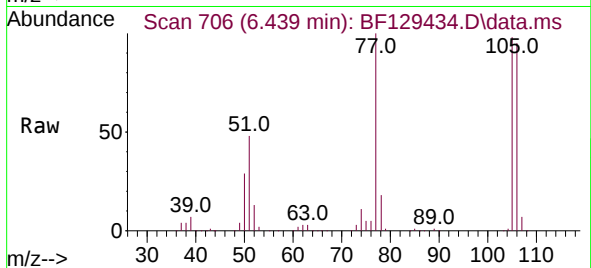
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Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 45.5 30.9 70.9





#9
Benzaldehyde
Concen: 16.068 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF129434.D
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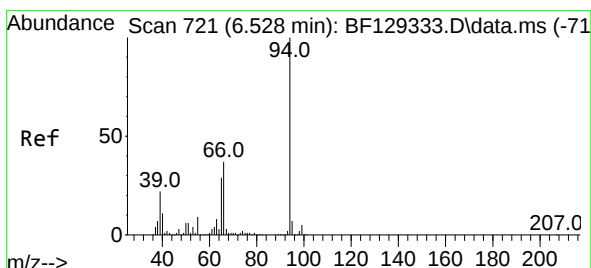
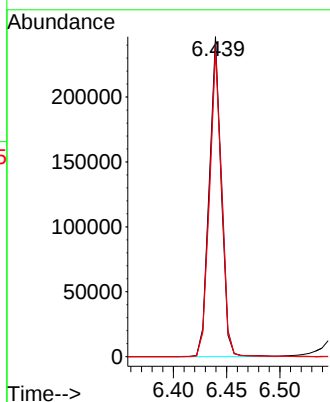
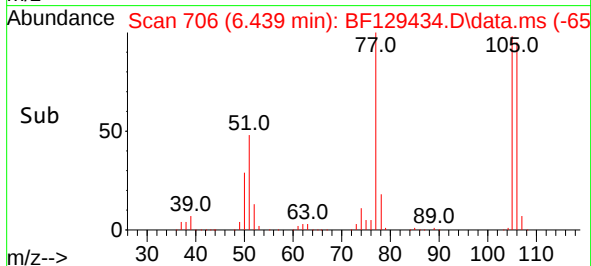
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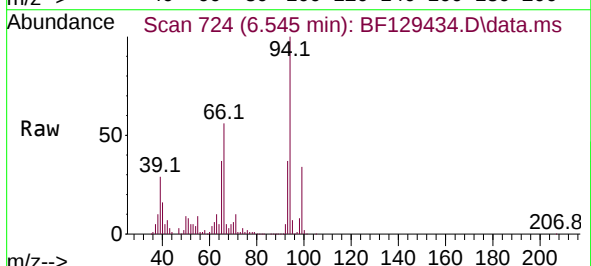
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Ion Ratio Lower Upper
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105 97.8 81.6 121.6
106 95.2 76.1 116.1

Manual Integrations
APPROVED

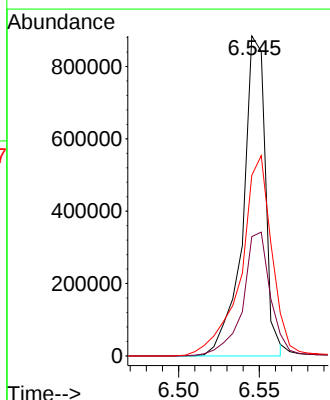
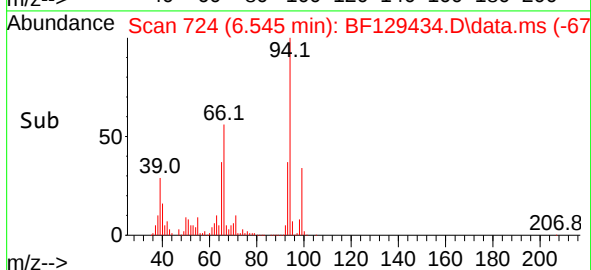
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

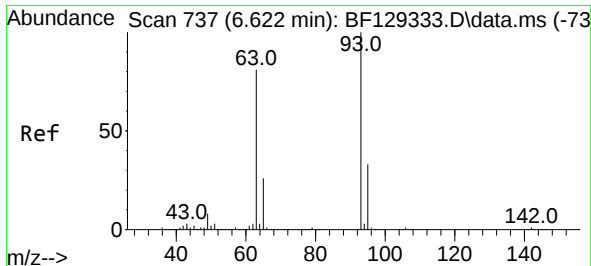


#10
Phenol
Concen: 45.508 ng m
RT: 6.545 min Scan# 724
Delta R.T. 0.018 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion: 94 Resp: 858888
Ion Ratio Lower Upper
94 100
65 37.3 11.4 51.4
66 56.4 21.4 61.4





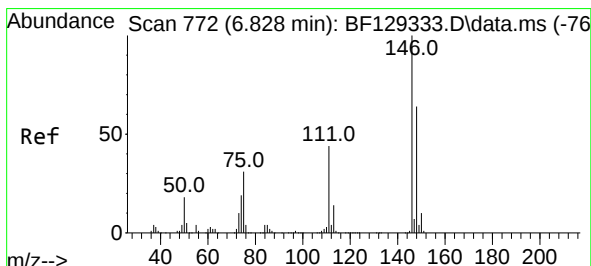
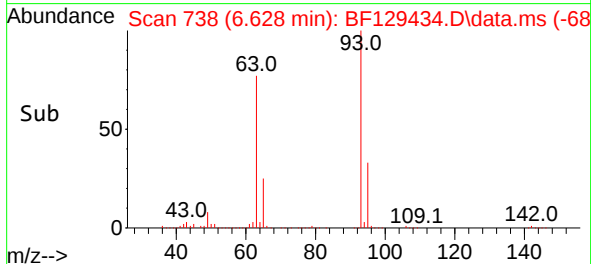
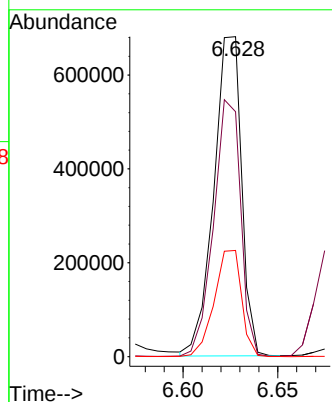
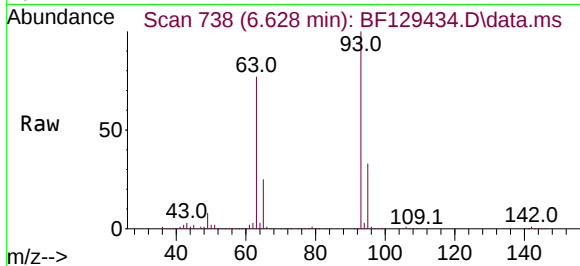
#11
bis(2-Chloroethyl)ether
Concen: 46.442 ng
RT: 6.628 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB146473BS

Tgt Ion: 93 Resp: 695128
Ion Ratio Lower Upper
93 100
63 76.5 67.4 107.4
95 33.2 12.7 52.7

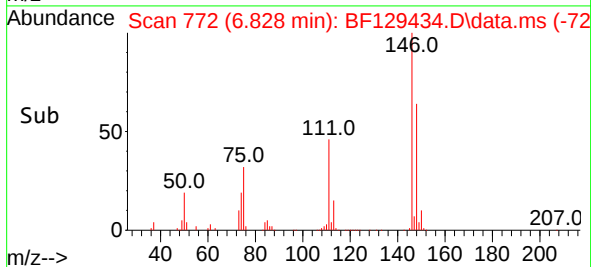
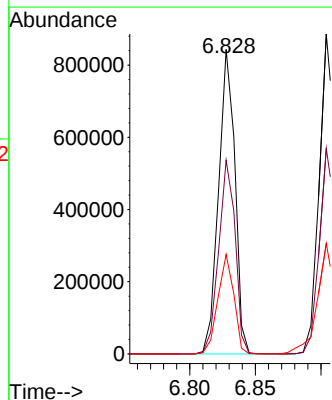
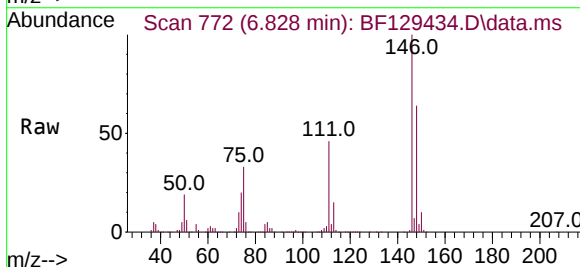
Manual Integrations
APPROVED

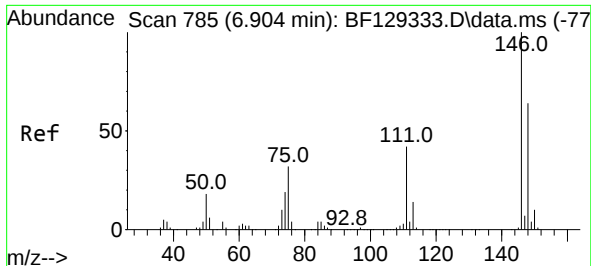
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#12
1,3-Dichlorobenzene
Concen: 44.396 ng
RT: 6.828 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:146 Resp: 733472
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 32.7 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 44.495 ng

RT: 6.904 min Scan# 785

Delta R.T. -0.000 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:146 Resp: 747613

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

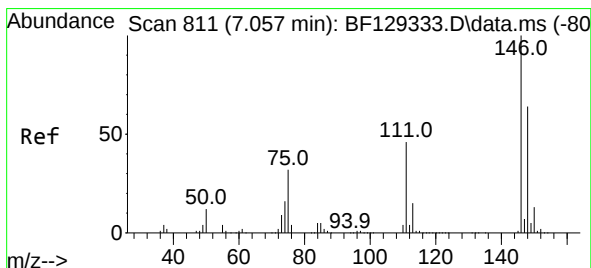
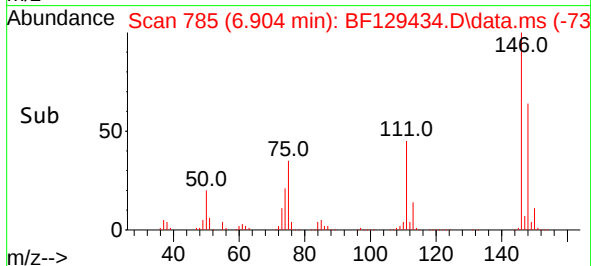
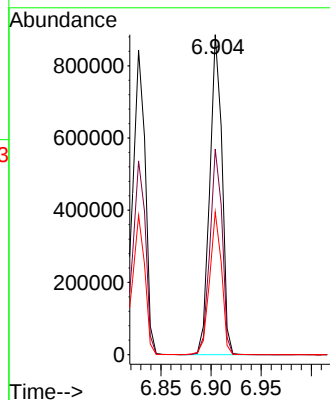
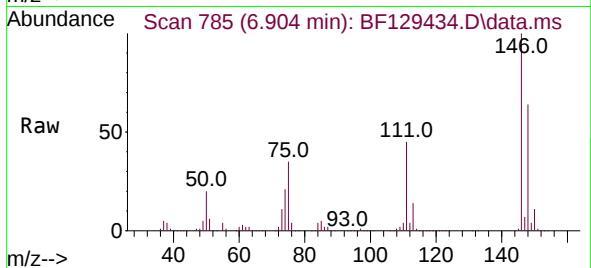
111 44.6 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#14

1,2-Dichlorobenzene

Concen: 46.841 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

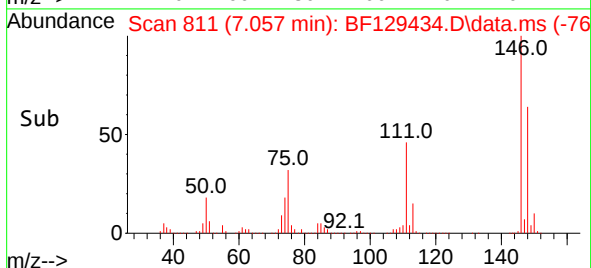
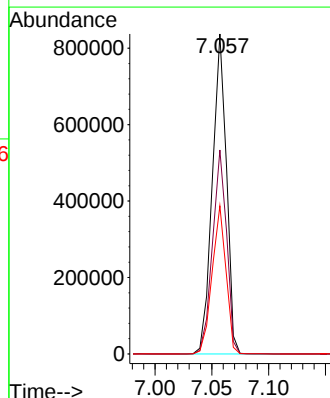
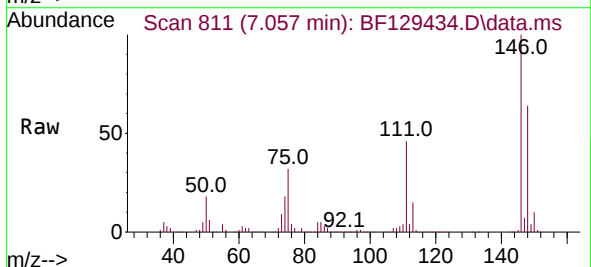
Tgt Ion:146 Resp: 723425

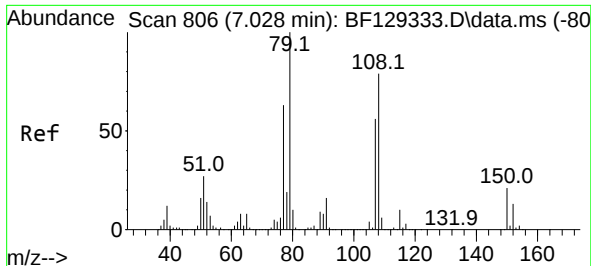
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

111 46.3 35.1 52.7





#15

Benzyl Alcohol

Concen: 48.837 ng

RT: 7.039 min Scan# 806

Delta R.T. 0.012 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

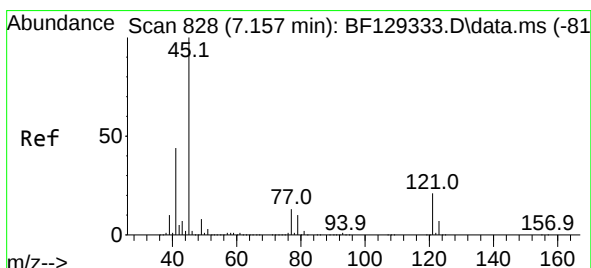
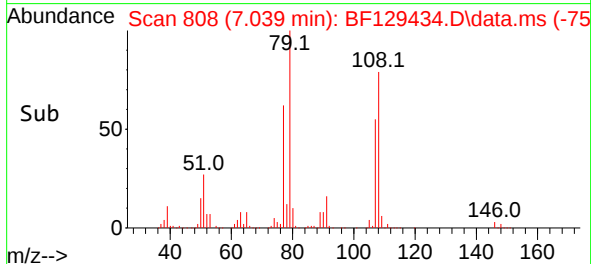
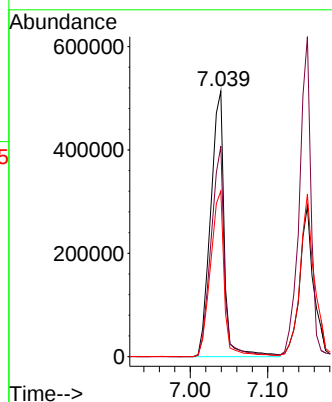
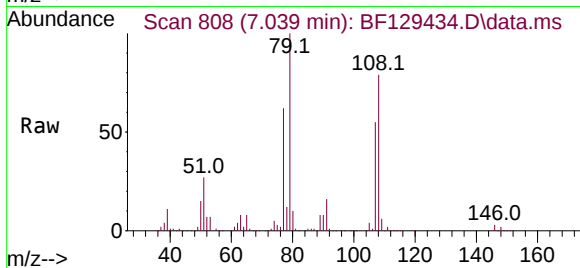
PB146473BS

Tgt Ion:	79	Resp:	627725
Ion	Ratio	Lower	Upper
79	100		
108	79.2	61.8	92.6
77	62.4	50.2	75.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.089 ng

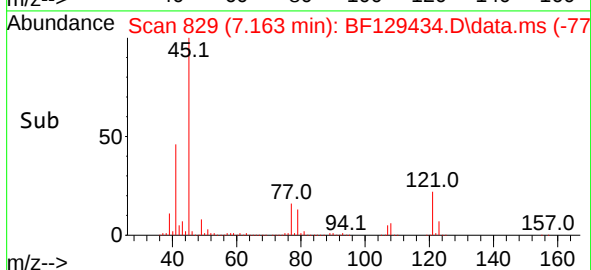
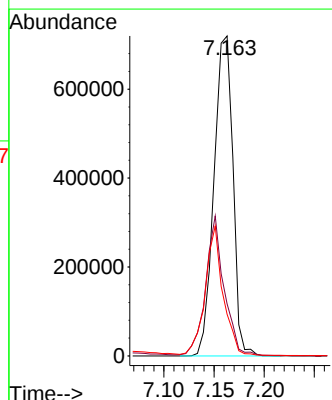
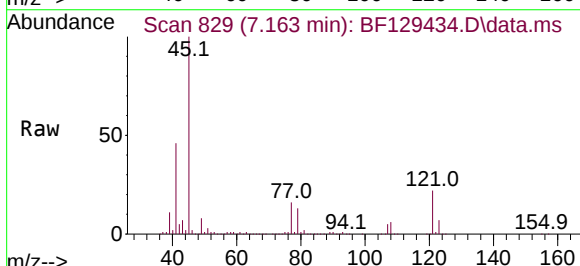
RT: 7.163 min Scan# 829

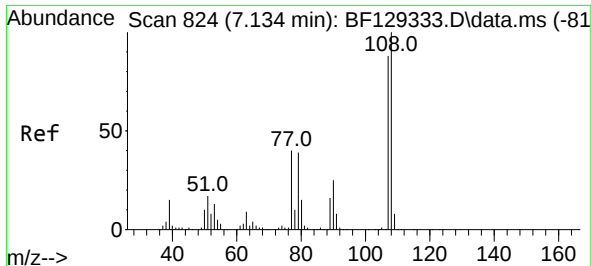
Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

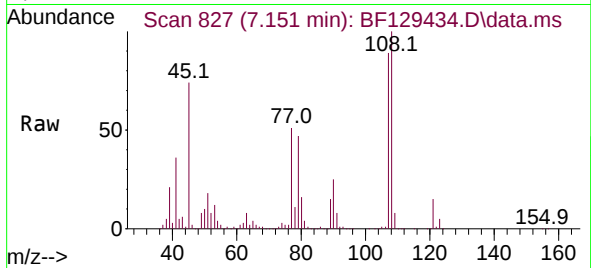
Tgt Ion:	45	Resp:	946951
Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	31.3
79	13.0	0.0	28.3





#17
2-Methylphenol
Concen: 45.158 ng
RT: 7.151 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

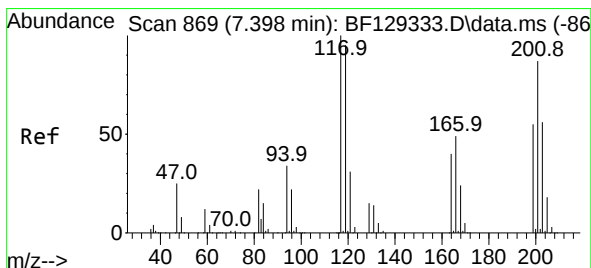
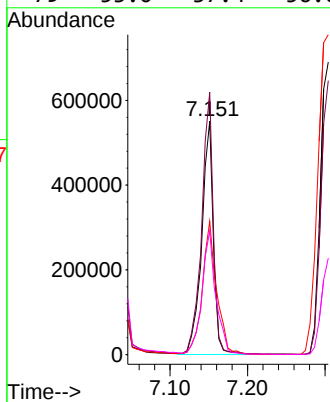
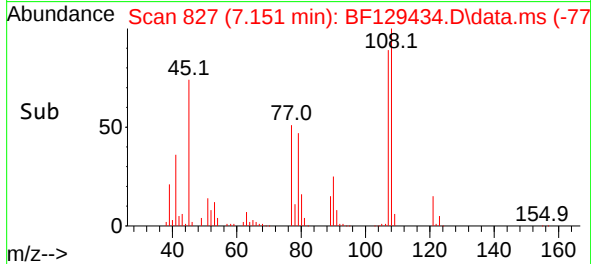
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion:107 Resp: 577092
Ion Ratio Lower Upper
107 100
108 112.4 91.9 137.9
77 57.1 37.8 56.8
79 53.0 37.4 56.0

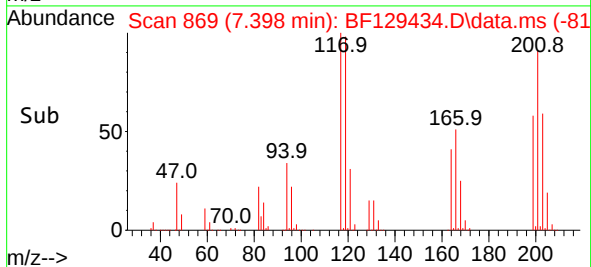
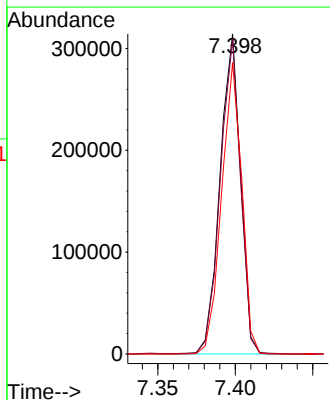
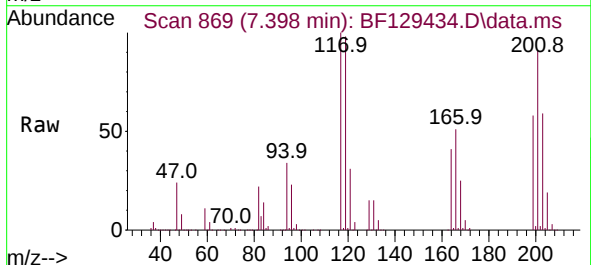
Manual Integrations
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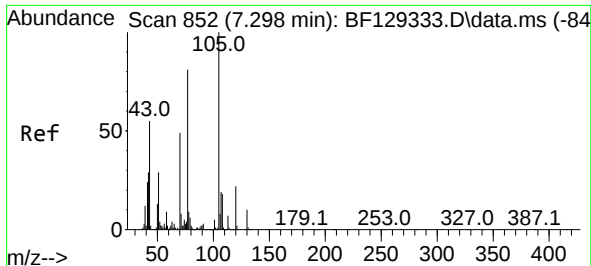
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#18
Hexachloroethane
Concen: 45.687 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:117 Resp: 289047
Ion Ratio Lower Upper
117 100
119 98.3 77.4 116.2
201 91.0 84.6 127.0





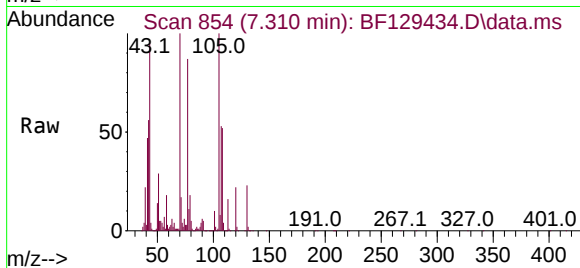
#19
n-Nitroso-di-n-propylamine
Concen: 45.266 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

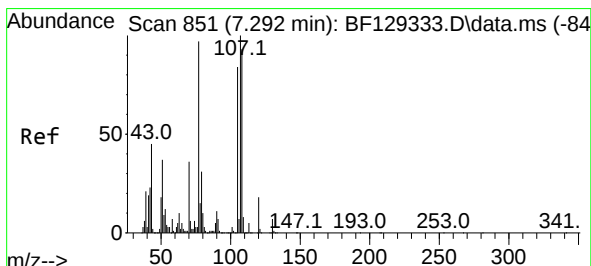
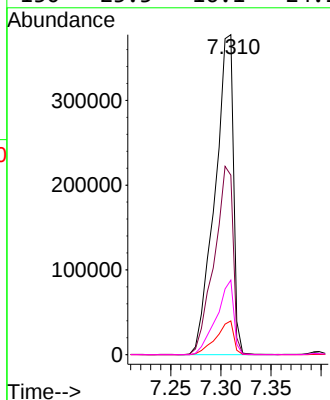
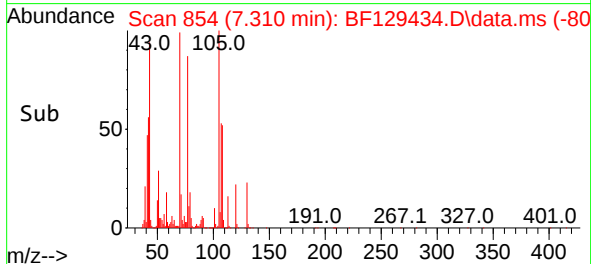
PB146473BS



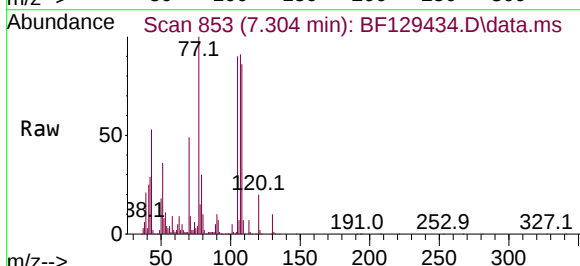
Tgt Ion: 70 Resp: 485674
Ion Ratio Lower Upper
70 100
42 56.1 52.3 78.5
101 10.5 7.5 11.3
130 23.3 16.1 24.1

Manual Integrations
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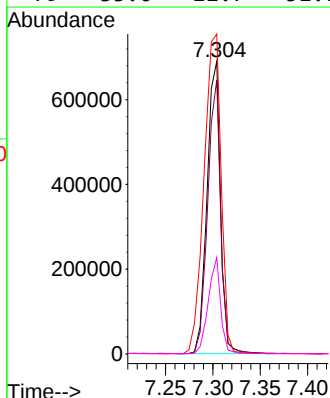
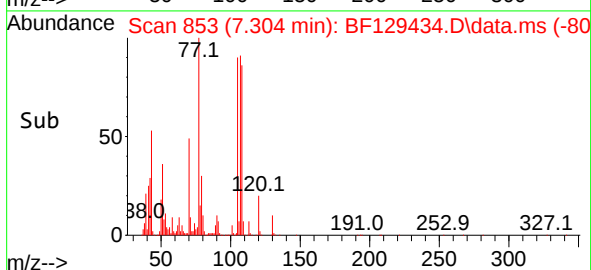
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

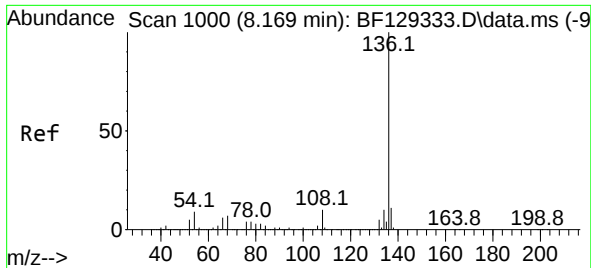


#20
3+4-Methylphenols
Concen: 42.053 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



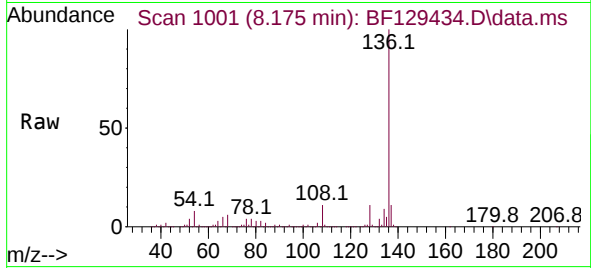
Tgt Ion:107 Resp: 683312
Ion Ratio Lower Upper
107 100
108 93.6 71.8 111.8
77 109.4 59.3 99.3#
79 33.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

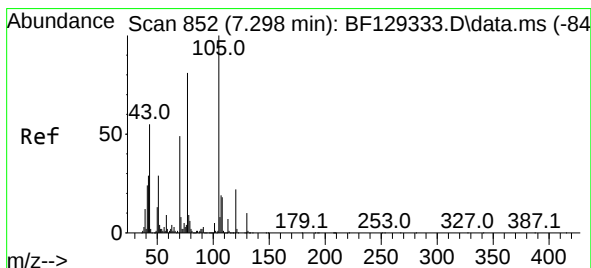
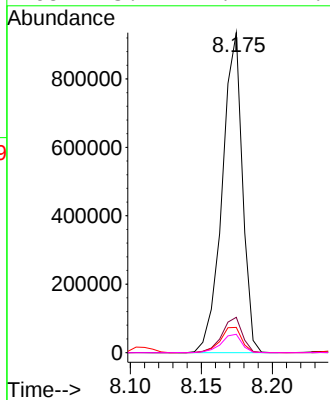
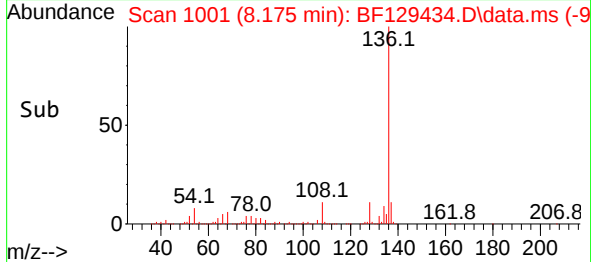
Instrument :
BNA_F
ClientSampleId :
PB146473BS



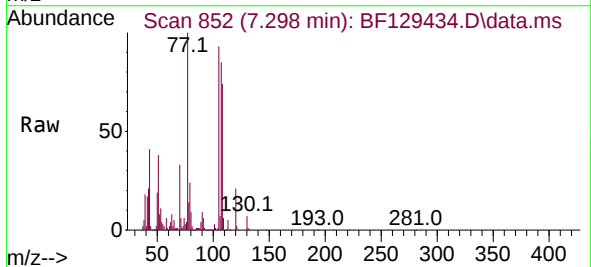
Tgt Ion:136 Resp: 923560
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 7.5 11.3
68 5.7 4.7 7.1

Manual Integrations
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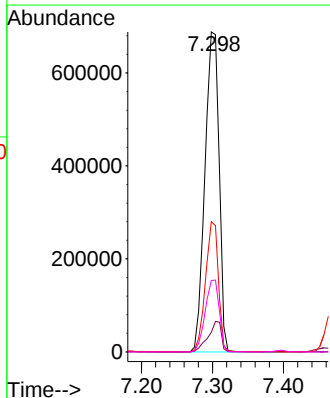
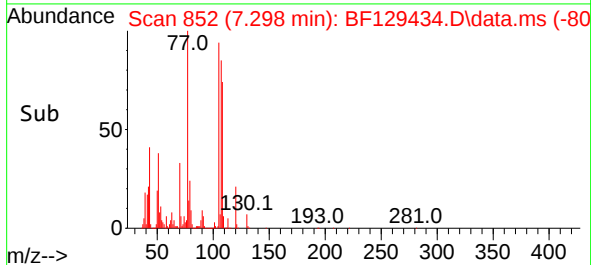
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

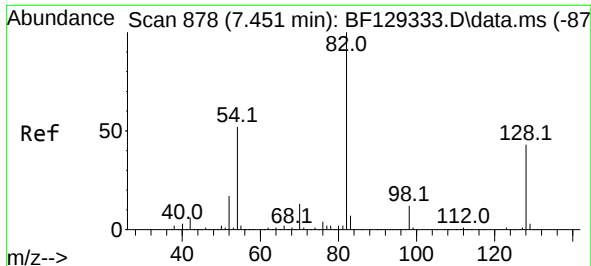


#22
Acetophenone
Concen: 44.174 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



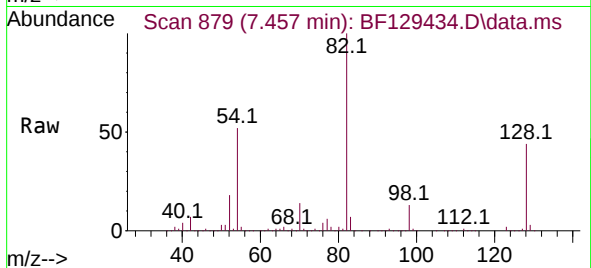
Tgt Ion:105 Resp: 949842
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 40.7 25.0 37.4
120 22.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 86.075 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

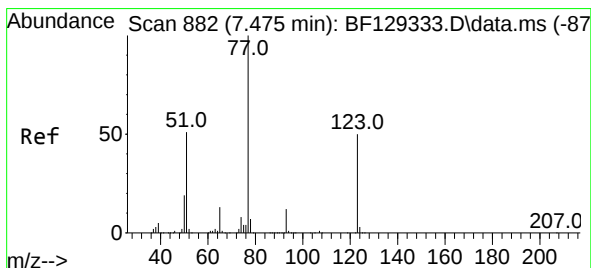
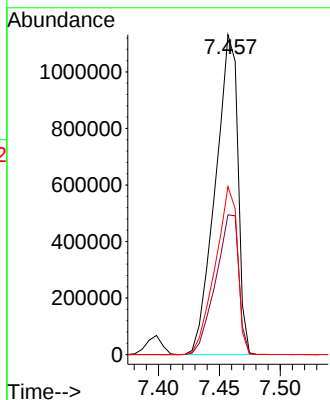
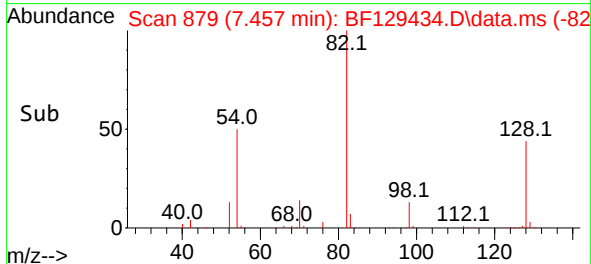
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion: 82 Resp: 145626
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 52.5 46.9 70.3

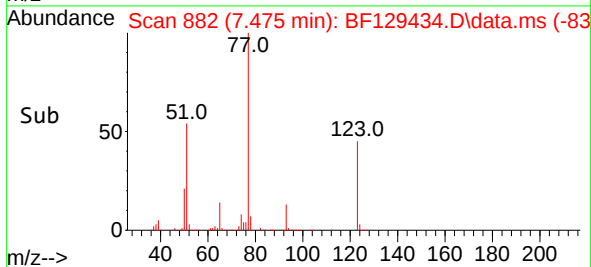
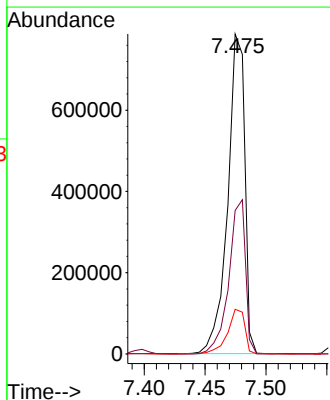
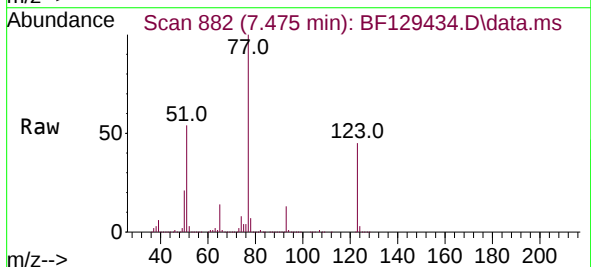
Manual Integrations
APPROVED

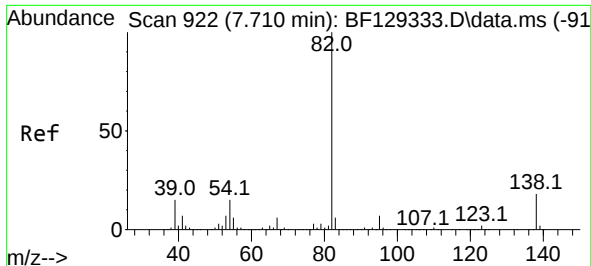
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#24
Nitrobenzene
Concen: 44.061 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion: 77 Resp: 767629
Ion Ratio Lower Upper
77 100
123 44.8 35.4 53.2
65 13.9 11.8 17.8





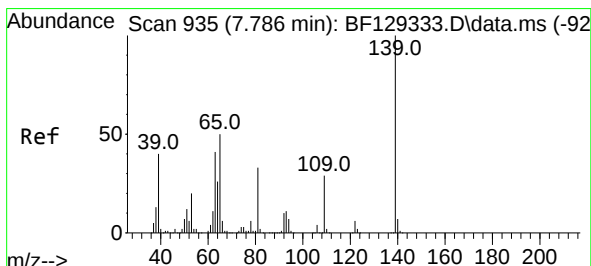
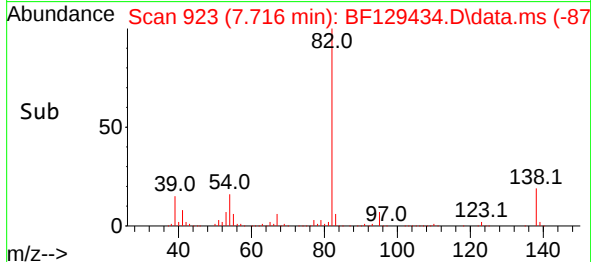
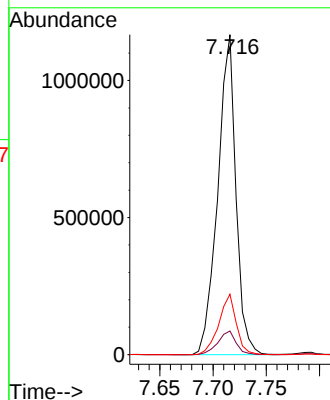
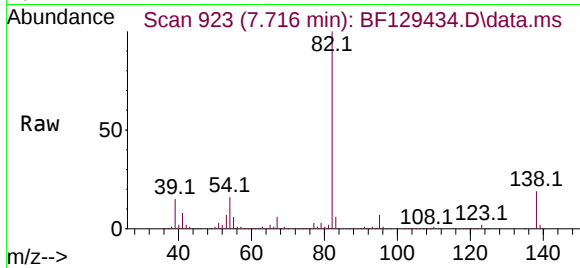
#25
Isophorone
Concen: 45.677 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB146473BS

Tgt Ion: 82 Resp: 1385212
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.9 14.2 21.2

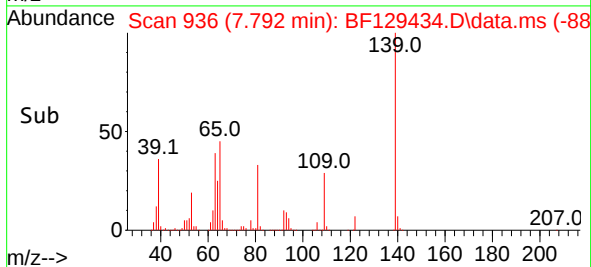
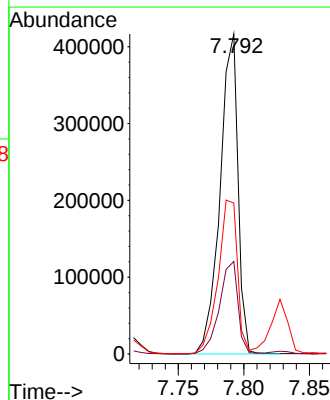
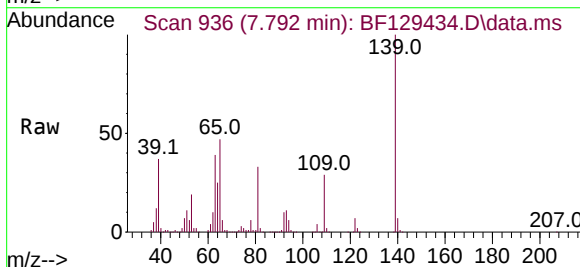
Manual Integrations
APPROVED

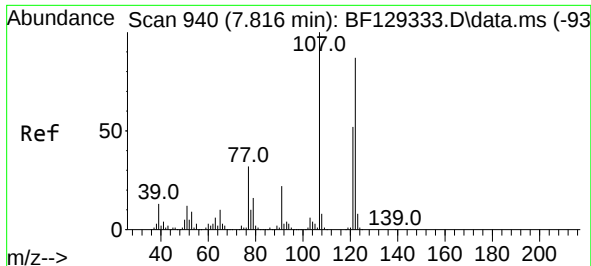
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#26
2-Nitrophenol
Concen: 46.279 ng
RT: 7.792 min Scan# 936
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:139 Resp: 397758
Ion Ratio Lower Upper
139 100
109 28.9 25.0 37.4
65 47.1 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 52.046 ng m

RT: 7.828 min Scan# 94

Delta R.T. 0.012 min

Lab File: BF129434.D

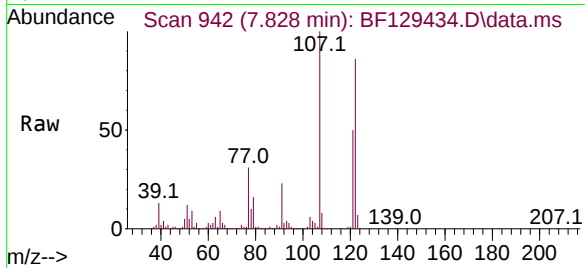
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

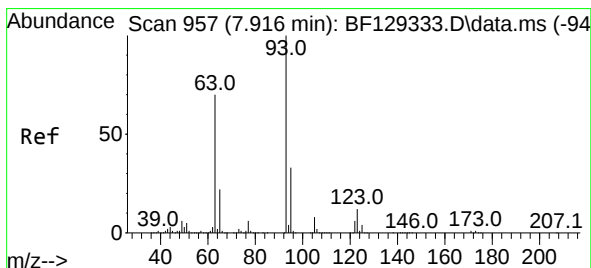
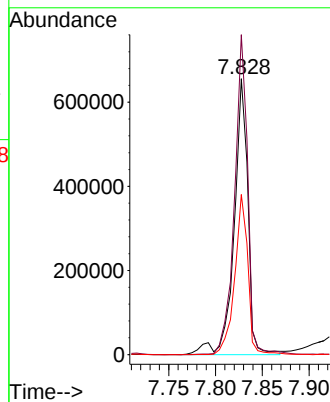
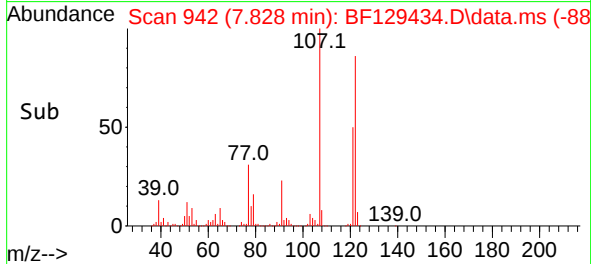


Tgt Ion:	122	Resp:	670995
Ion	Ratio	Lower	Upper
122	100		
107	116.0	93.0	139.6
121	58.0	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.937 ng

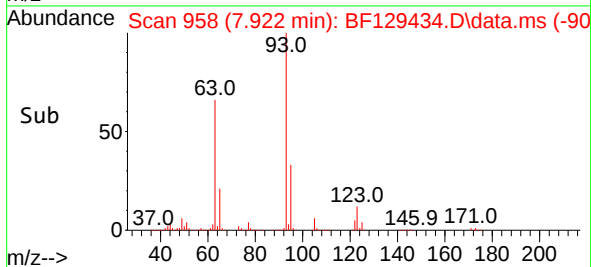
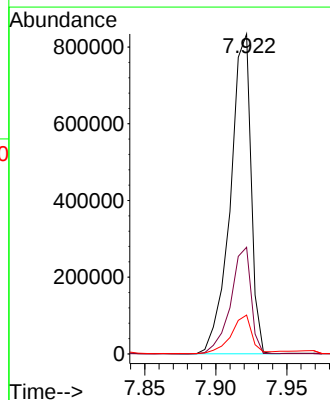
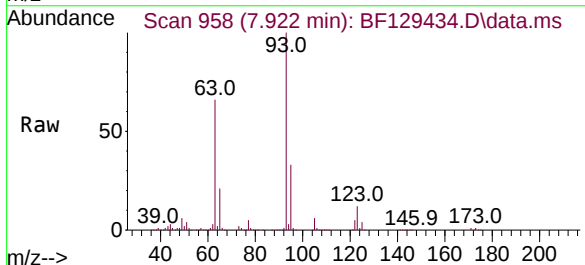
RT: 7.922 min Scan# 958

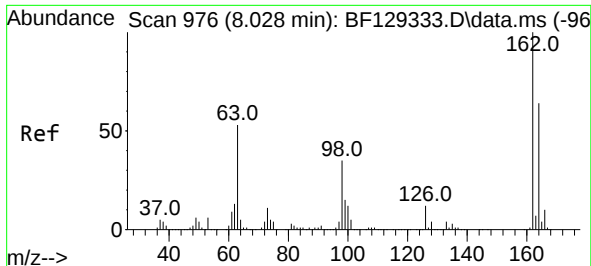
Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Tgt Ion:	93	Resp:	843325
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	12.1	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 43.881 ng

RT: 8.033 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:162 Resp: 583906

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

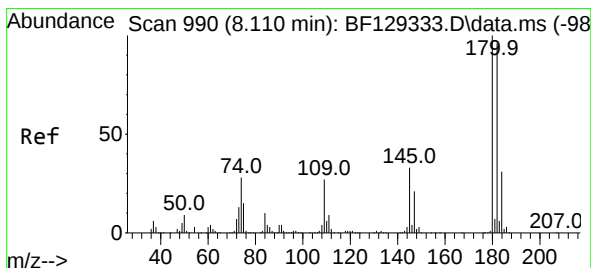
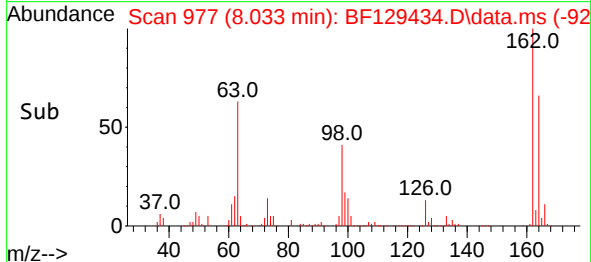
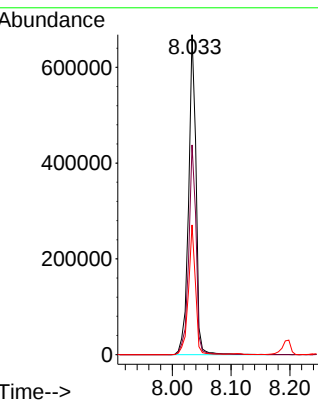
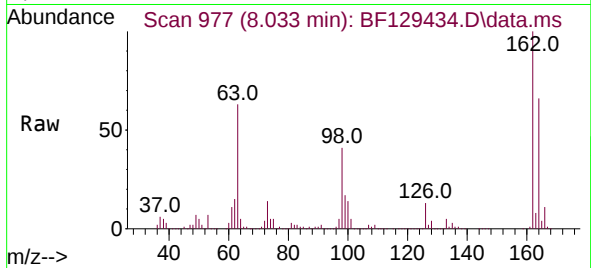
98 40.5 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.348 ng

RT: 8.110 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

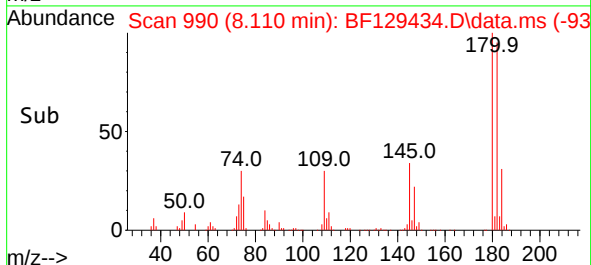
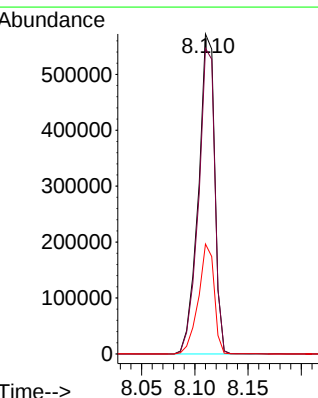
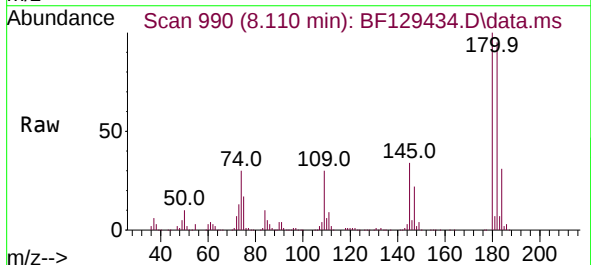
Tgt Ion:180 Resp: 610826

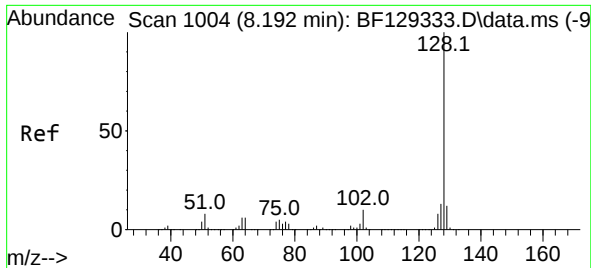
Ion Ratio Lower Upper

180 100

182 95.5 79.2 118.8

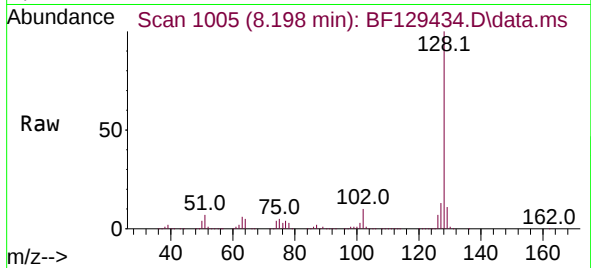
145 34.3 26.2 39.2





#31
Naphthalene
Concen: 42.827 ng
RT: 8.198 min Scan# 1004
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

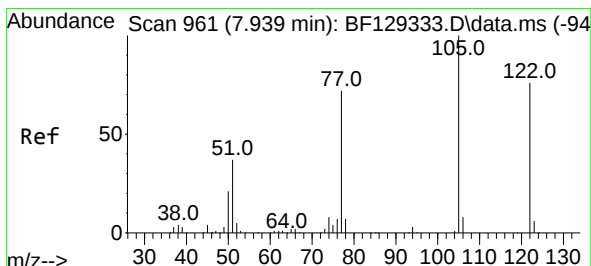
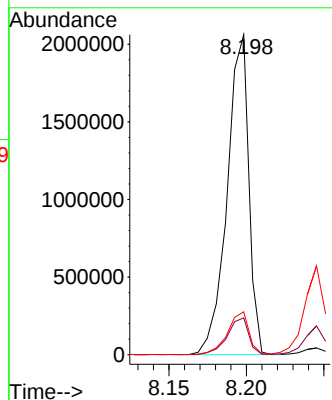
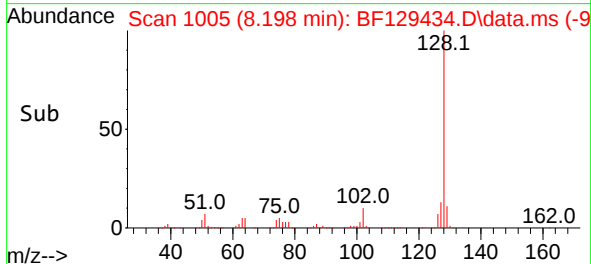
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion:128 Resp: 200954
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.5 15.7

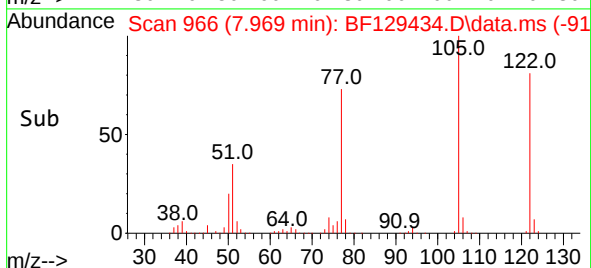
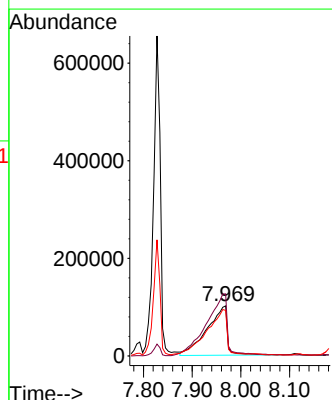
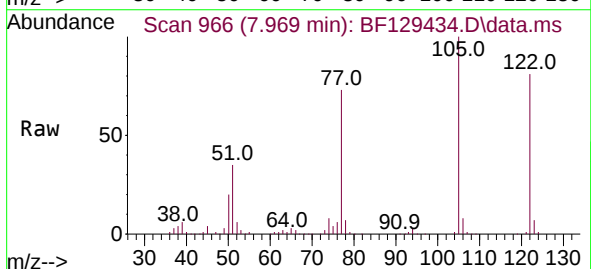
Manual Integrations
APPROVED

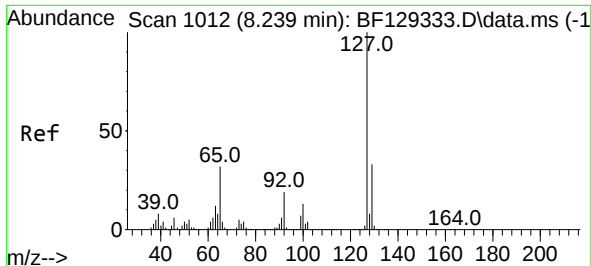
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#32
Benzoic acid
Concen: 31.866 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.029 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:122 Resp: 296997
Ion Ratio Lower Upper
122 100
105 124.1 107.1 147.1
77 91.2 74.2 114.2





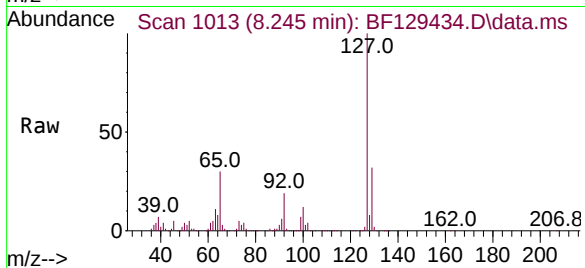
#33
4-Chloroaniline
Concen: 33.258 ng
RT: 8.245 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

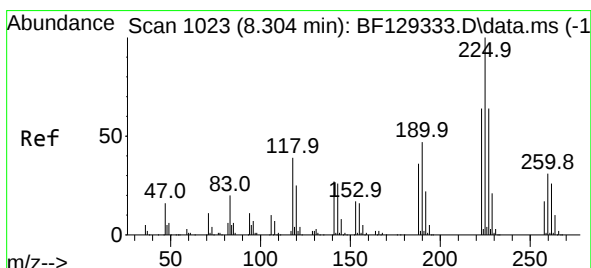
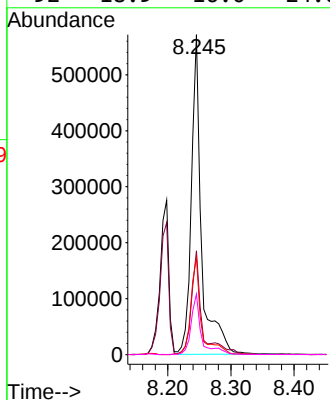
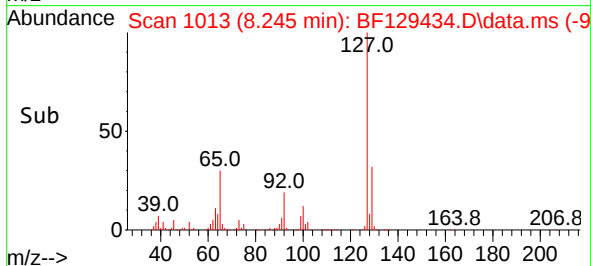


Tgt Ion:127 Resp: 640691
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 30.4 26.4 39.6
92 18.9 16.0 24.0

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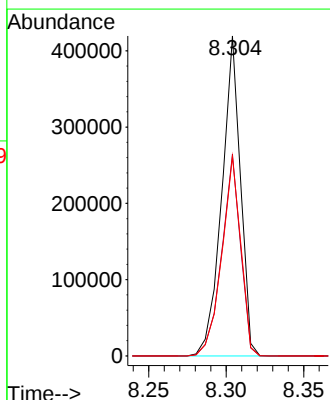
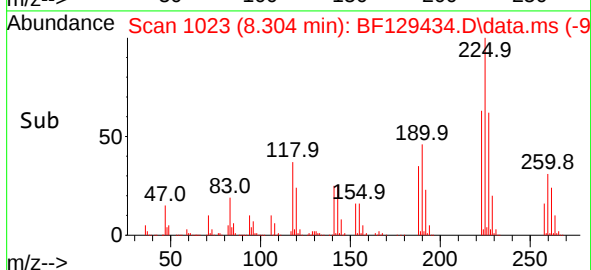
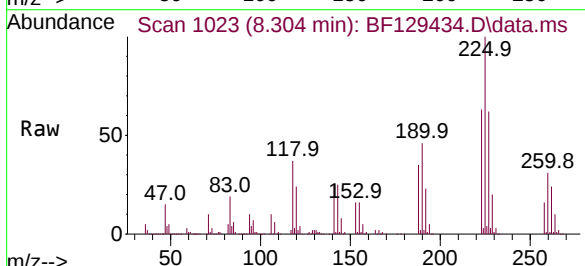
APPROVED

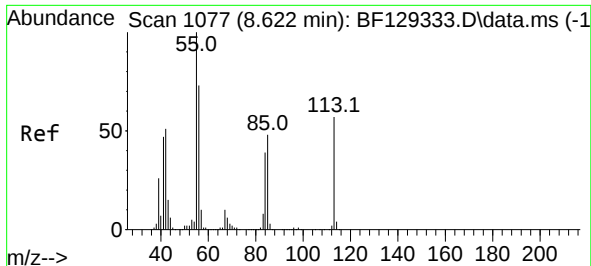
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#34
Hexachlorobutadiene
Concen: 44.857 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

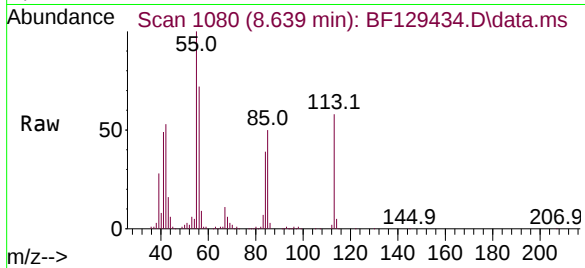
Tgt Ion:225 Resp: 351197
Ion Ratio Lower Upper
225 100
223 63.0 51.0 76.6
227 62.3 51.1 76.7





#35
Caprolactam
Concen: 42.717 ng m
RT: 8.639 min Scan# 1077
Delta R.T. 0.018 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

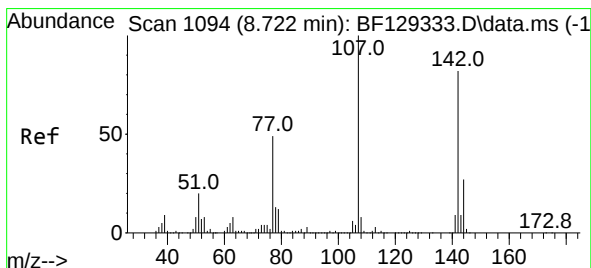
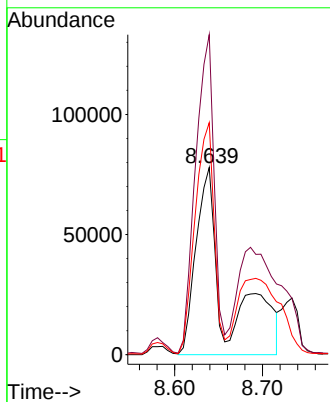
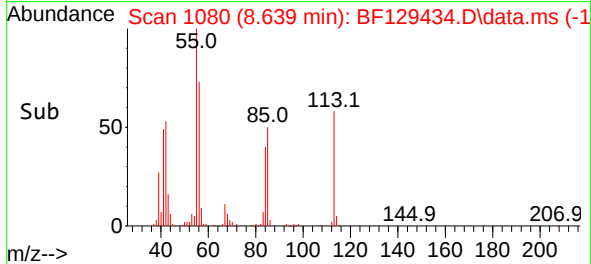
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion:113 Resp: 184802
Ion Ratio Lower Upper
113 100
55 171.1 188.5 228.5
56 124.0 130.6 170.6

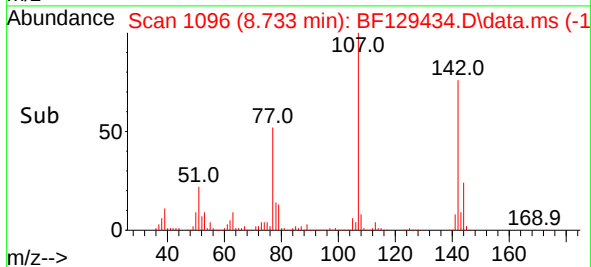
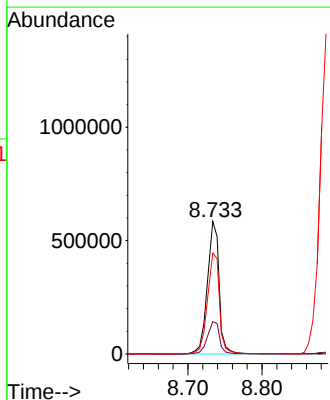
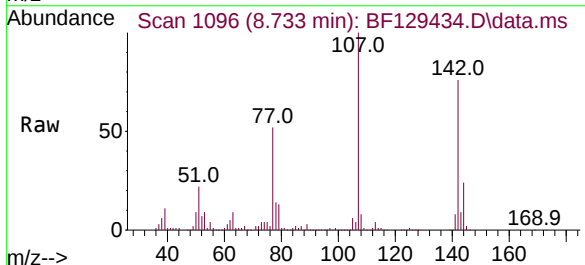
Manual Integrations
APPROVED

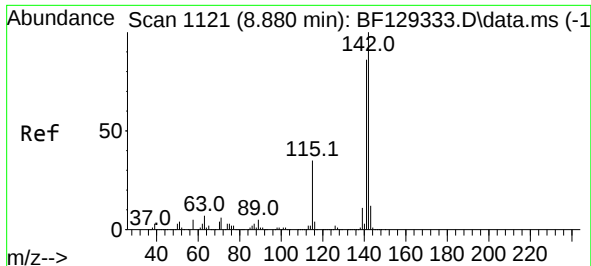
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#36
4-Chloro-3-methylphenol
Concen: 45.490 ng
RT: 8.733 min Scan# 1096
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:107 Resp: 642019
Ion Ratio Lower Upper
107 100
144 24.3 19.5 29.3
142 76.0 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.856 ng

RT: 8.886 min Scan# 1121

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:142 Resp: 1306802

Ion Ratio Lower Upper

142 100

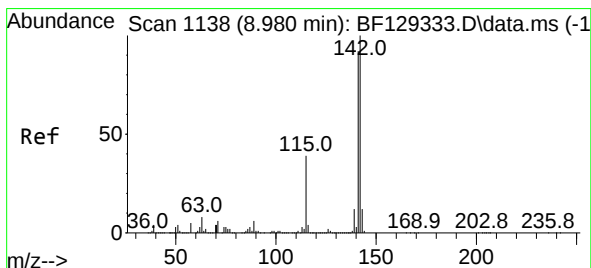
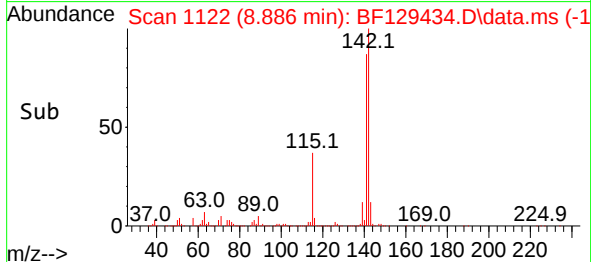
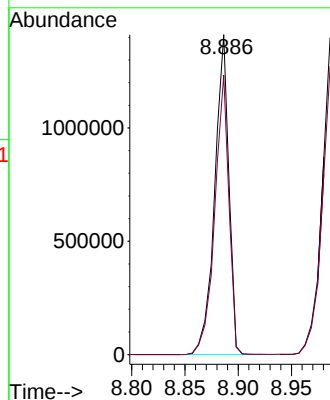
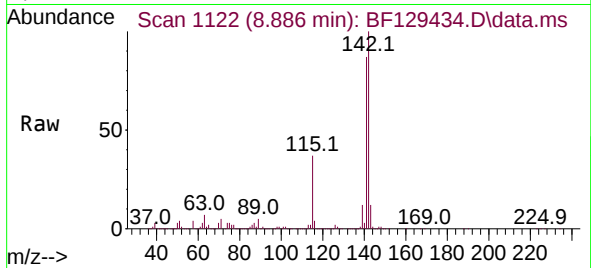
141 87.3 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#38

1-Methylnaphthalene

Concen: 42.225 ng

RT: 8.986 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF129434.D

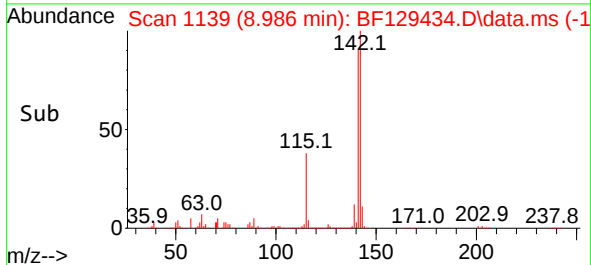
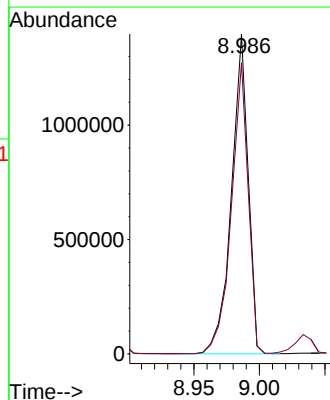
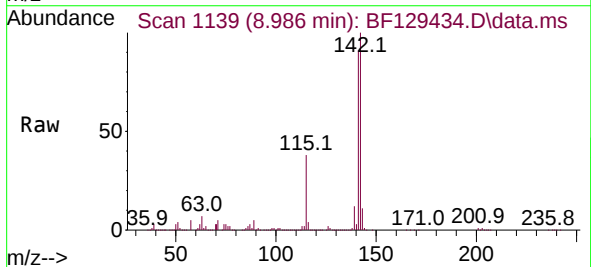
Acq: 29 Jul 2022 10:44

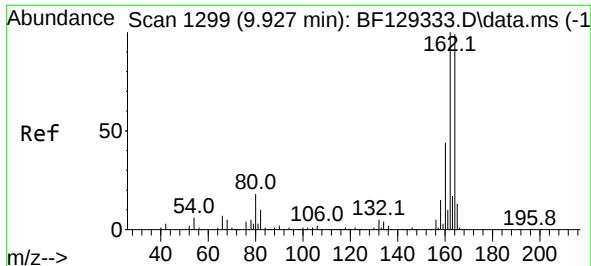
Tgt Ion:142 Resp: 1242934

Ion Ratio Lower Upper

142 100

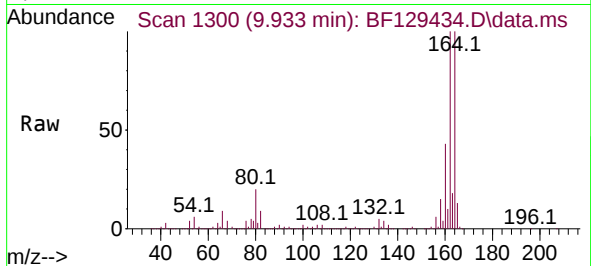
141 91.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

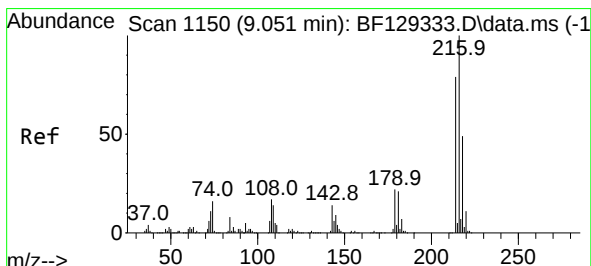
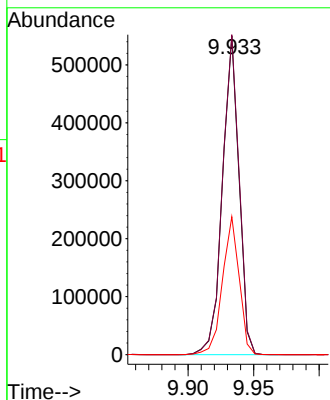
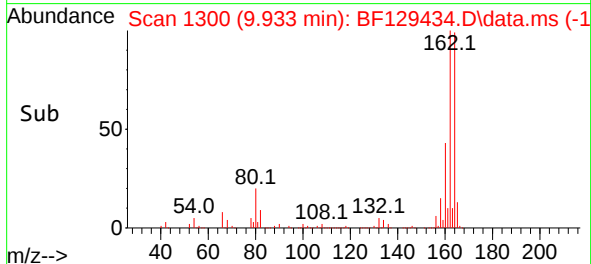
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion:164 Resp: 484168
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.3 34.2 51.4

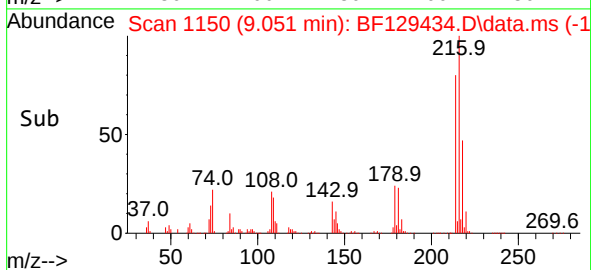
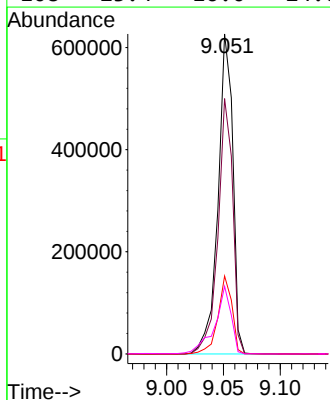
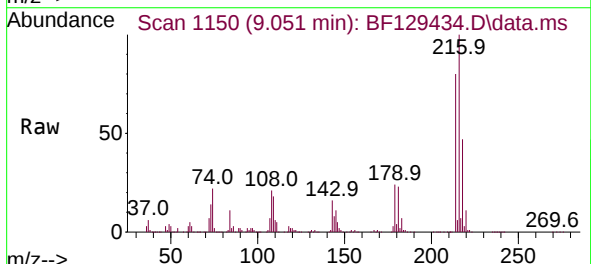
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.485 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

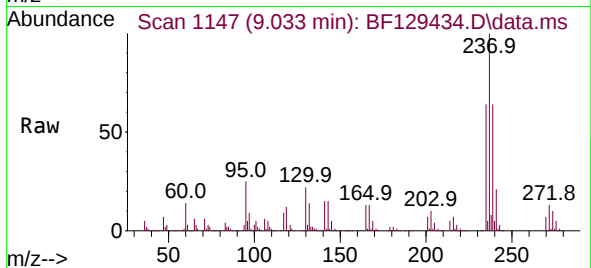
Tgt Ion:216 Resp: 565542
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 23.1 17.0 25.6
108 23.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 102.227 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

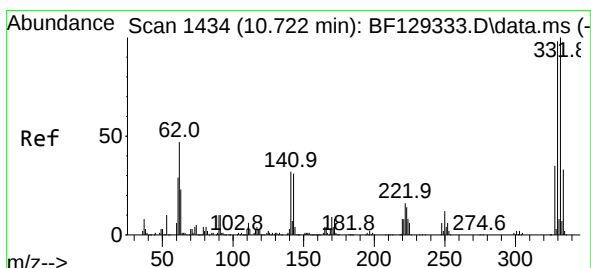
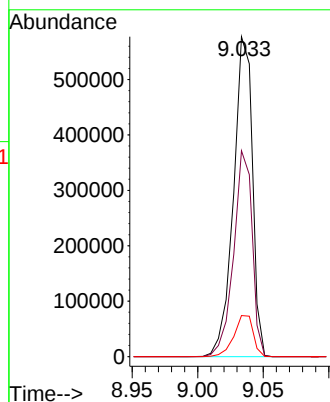
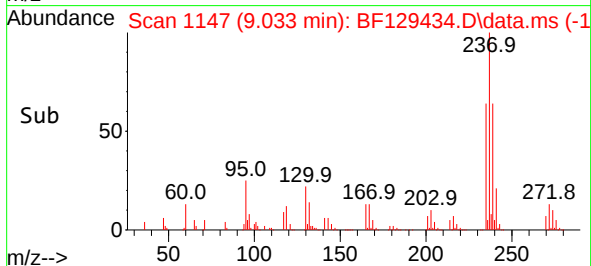
Instrument :
BNA_F
ClientSampleId :
PB146473BS



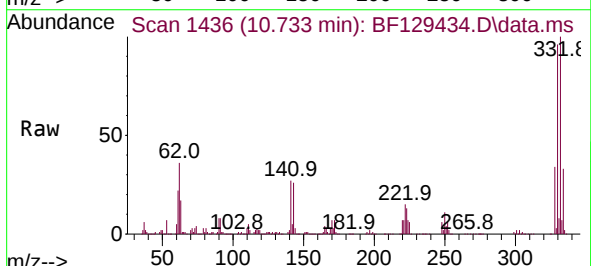
Tgt Ion:237 Resp: 578716
Ion Ratio Lower Upper
237 100
235 64.3 43.2 83.2
272 12.8 0.0 31.9

Manual Integrations
APPROVED

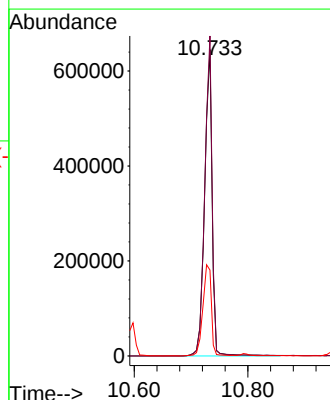
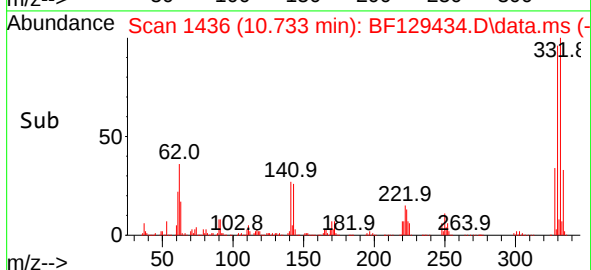
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

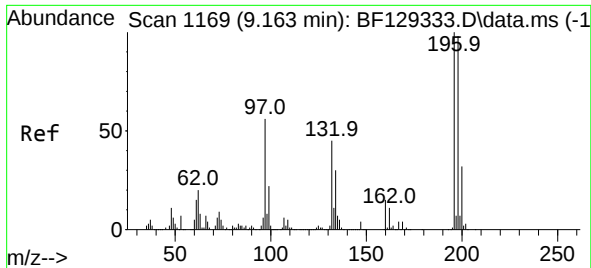


#42
2,4,6-Tribromophenol
Concen: 126.441 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



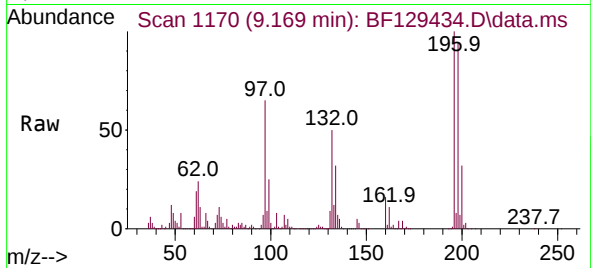
Tgt Ion:330 Resp: 588570
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 33.6 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 42.894 ng
RT: 9.169 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

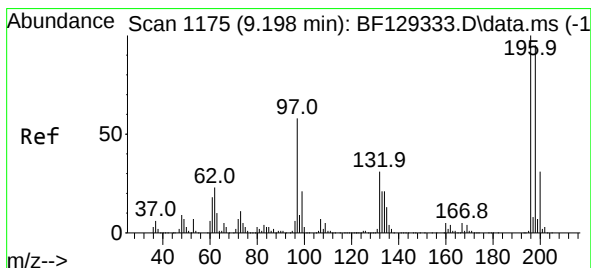
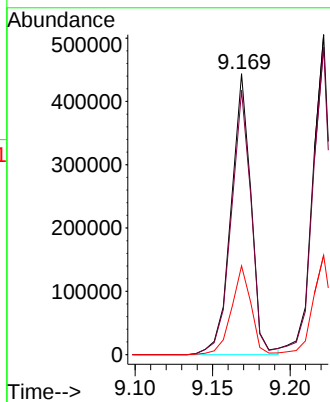
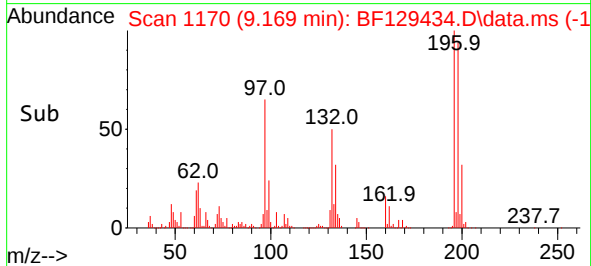
Instrument :
BNA_F
ClientSampleId :
PB146473BS



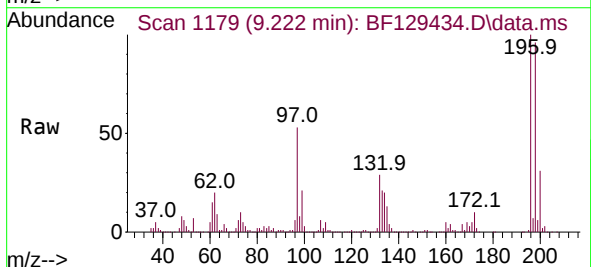
Tgt Ion:196 Resp: 396070
Ion Ratio Lower Upper
196 100
198 94.0 74.0 111.0
200 31.6 24.1 36.1

Manual Integrations
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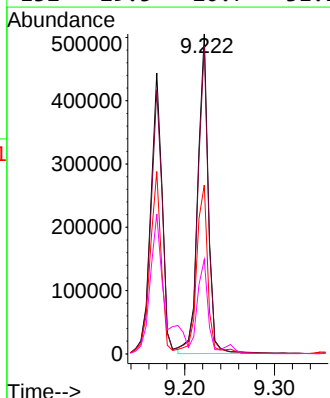
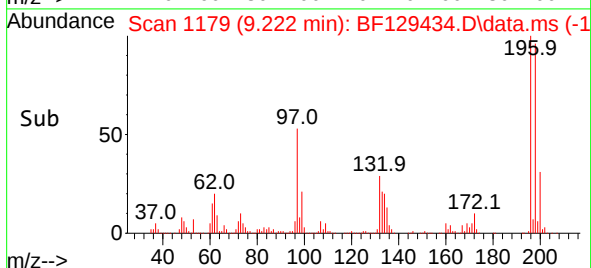
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

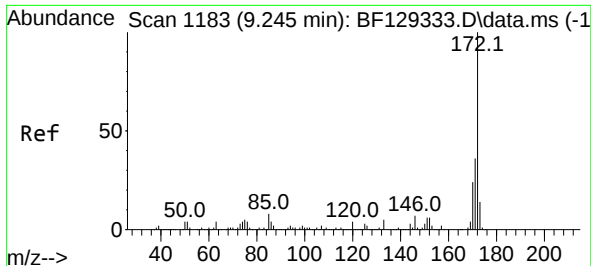


#44
2,4,5-Trichlorophenol
Concen: 40.737 ng
RT: 9.222 min Scan# 1179
Delta R.T. 0.023 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion:196 Resp: 409062
Ion Ratio Lower Upper
196 100
198 96.1 75.7 113.5
97 52.8 36.4 54.6
132 29.5 20.7 31.1





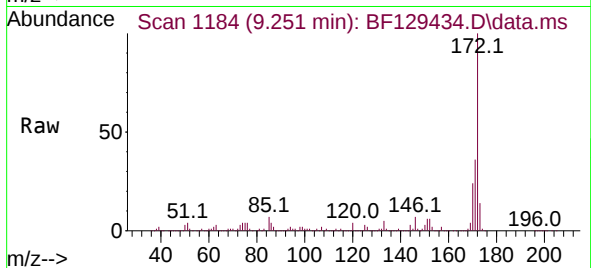
#45
2-Fluorobiphenyl
Concen: 77.856 ng
RT: 9.251 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

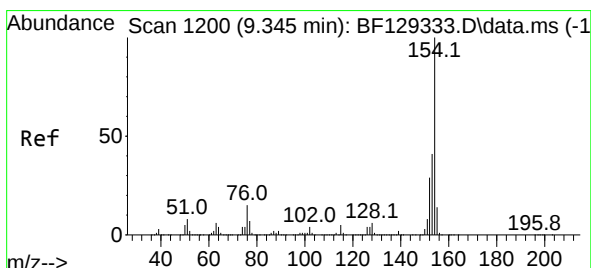
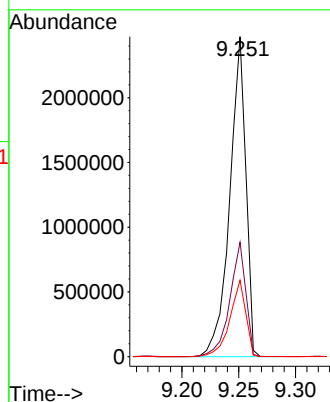
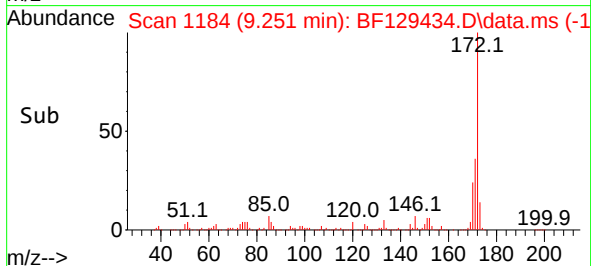


Tgt Ion:172 Resp: 2436743
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.9 19.8 29.8

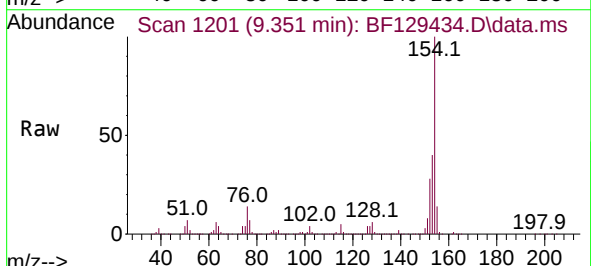
Manual Integrations

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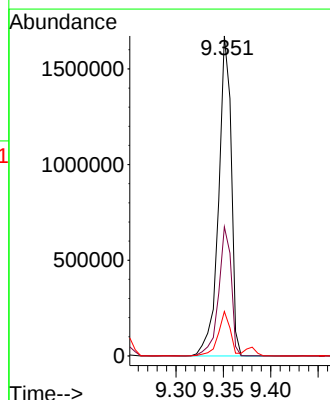
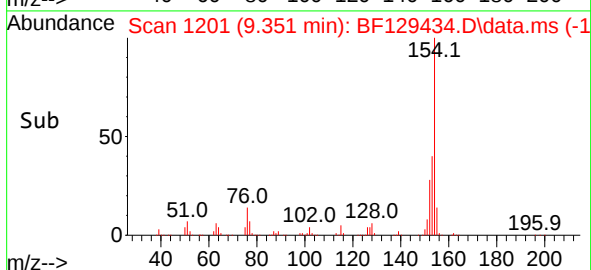
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

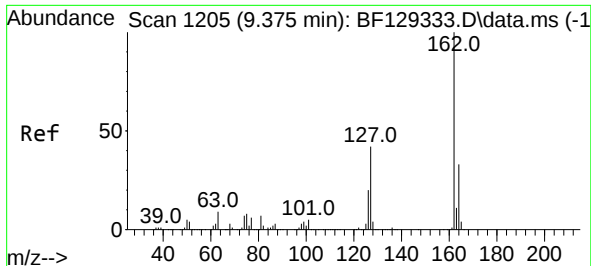


#46
1,1'-Biphenyl
Concen: 43.871 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion:154 Resp: 1550157
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 13.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.417 ng

RT: 9.380 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:162 Resp: 1211629

Ion Ratio Lower Upper

162 100

127 42.8 34.5 51.7

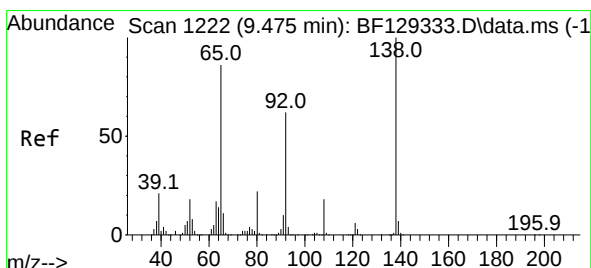
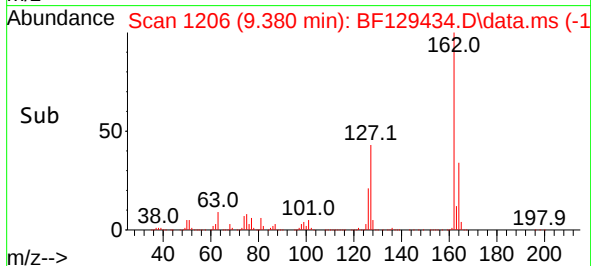
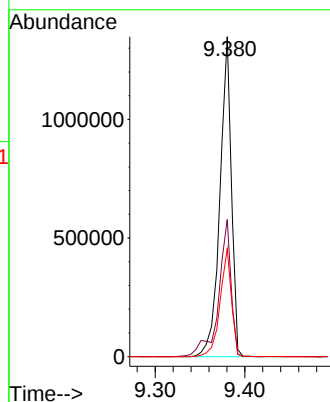
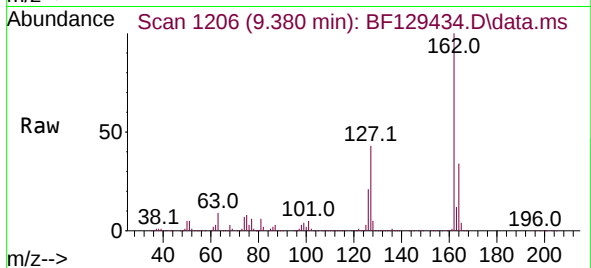
164 33.8 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#48

2-Nitroaniline

Concen: 42.119 ng

RT: 9.480 min Scan# 1223

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

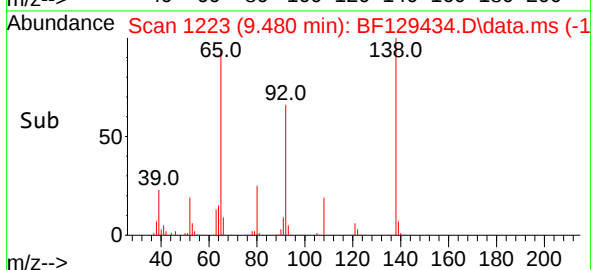
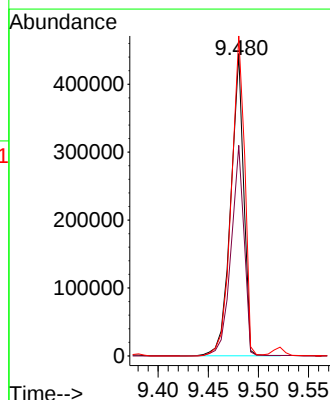
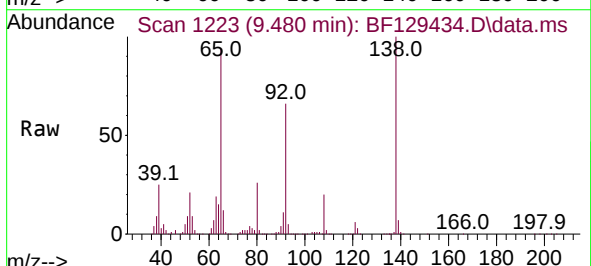
Tgt Ion: 65 Resp: 400058

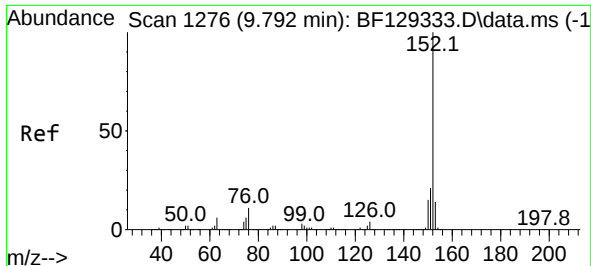
Ion Ratio Lower Upper

65 100

92 69.6 51.9 77.9

138 105.9 76.4 114.6





#49

Acenaphthylene

Concen: 43.618 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:152 Resp: 189317

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

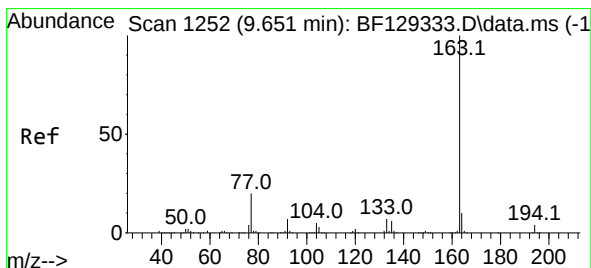
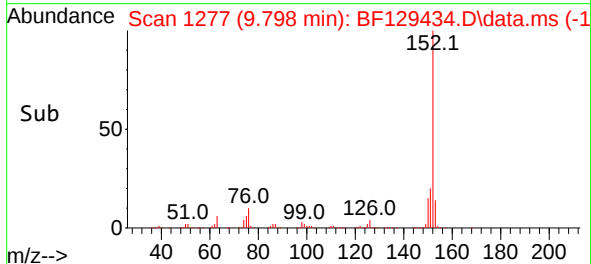
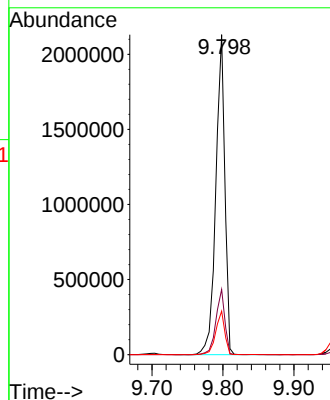
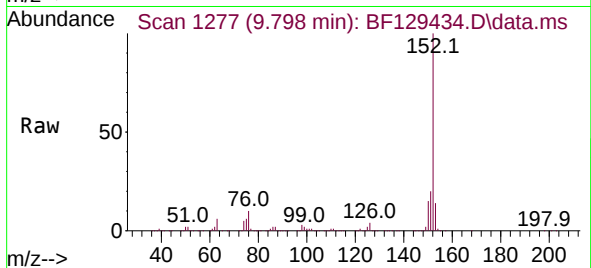
153 13.6 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#50

Dimethylphthalate

Concen: 43.101 ng

RT: 9.657 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

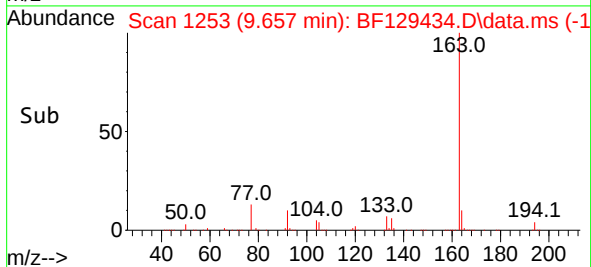
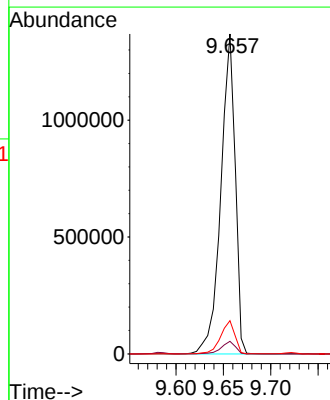
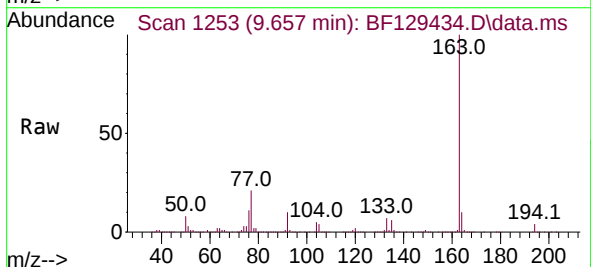
Tgt Ion:163 Resp: 1440604

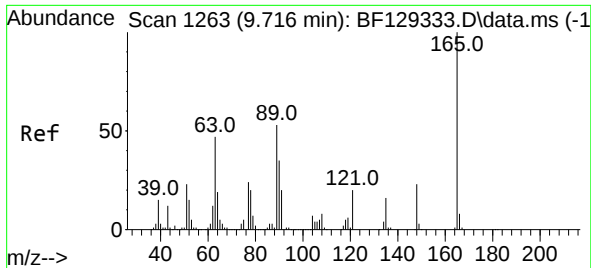
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.4 8.2 12.2





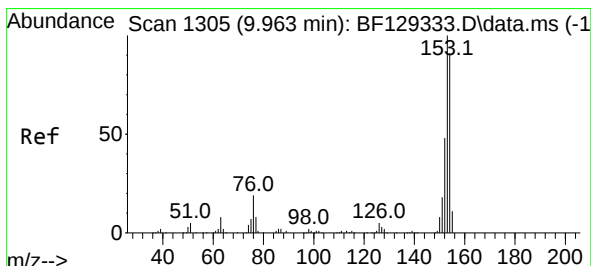
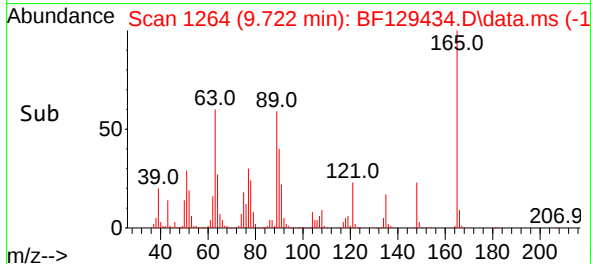
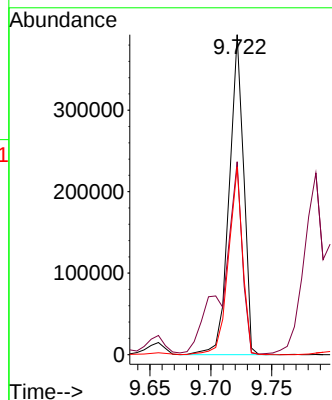
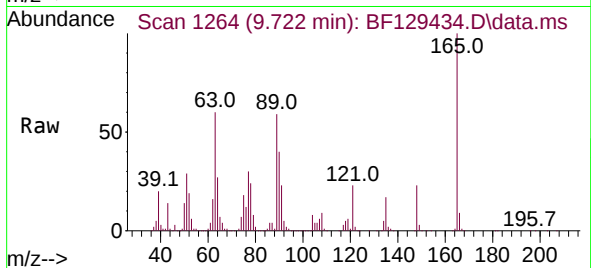
#51
2,6-Dinitrotoluene
Concen: 43.446 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB146473BS

Tgt Ion:165 Resp: 325010
Ion Ratio Lower Upper
165 100
63 60.3 44.9 67.3
89 58.7 43.6 65.4

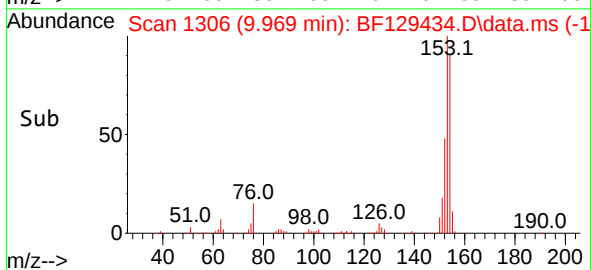
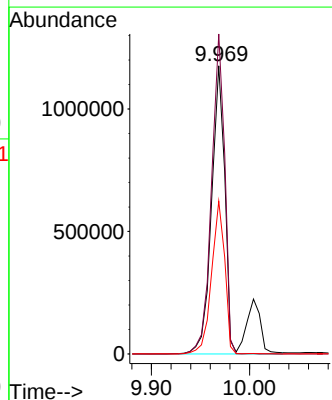
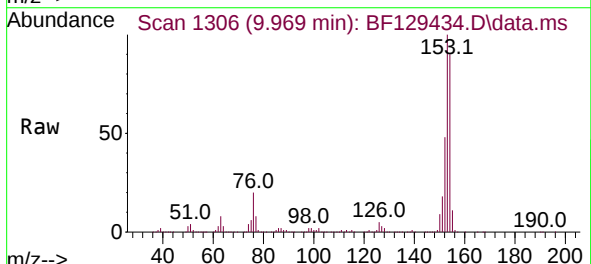
Manual Integrations
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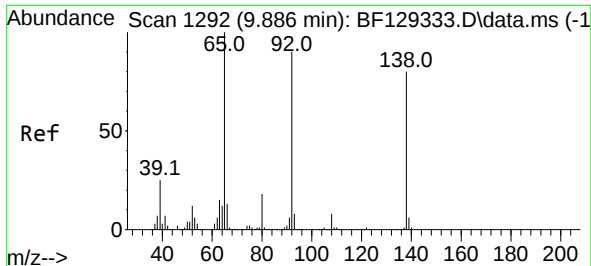
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#52
Acenaphthene
Concen: 46.264 ng m
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:154 Resp: 1311516
Ion Ratio Lower Upper
154 100
153 111.0 89.6 134.4
152 53.0 42.4 63.6





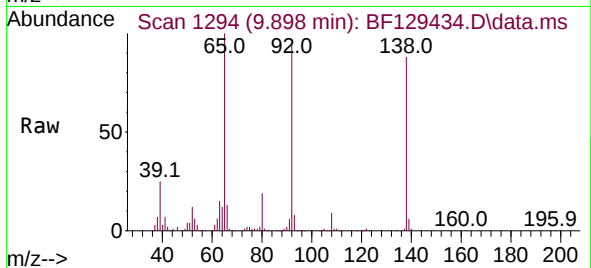
#53
3-Nitroaniline
Concen: 32.015 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

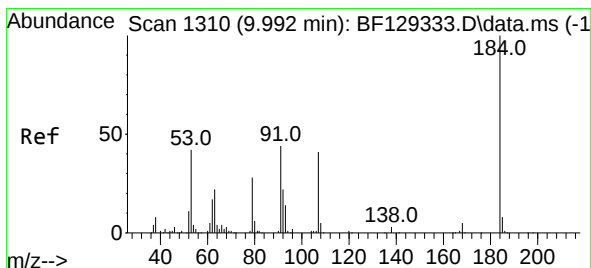
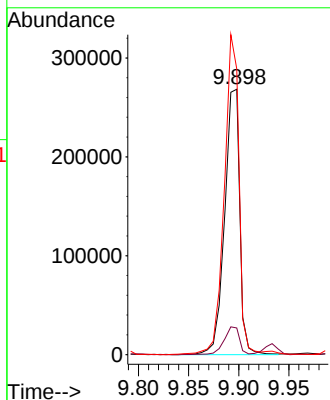
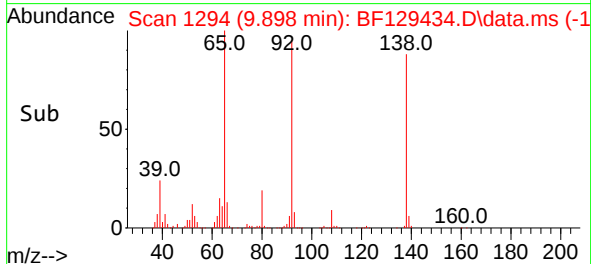


Tgt Ion:138 Resp: 282814
Ion Ratio Lower Upper
138 100
108 10.0 10.9 16.3
92 107.7 98.2 147.2

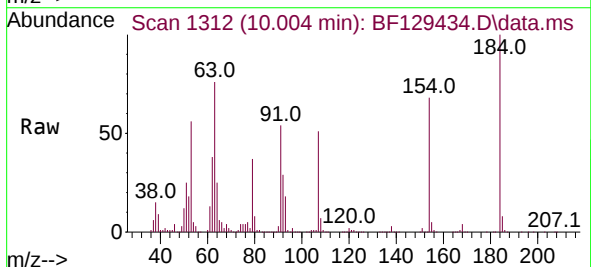
Manual Integrations

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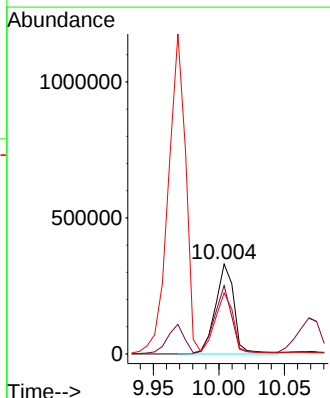
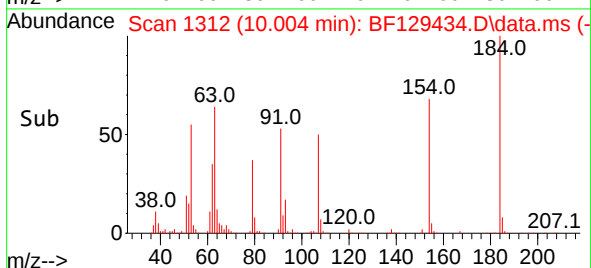
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

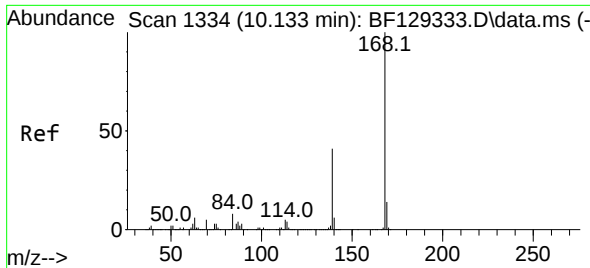


#54
2,4-Dinitrophenol
Concen: 85.974 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



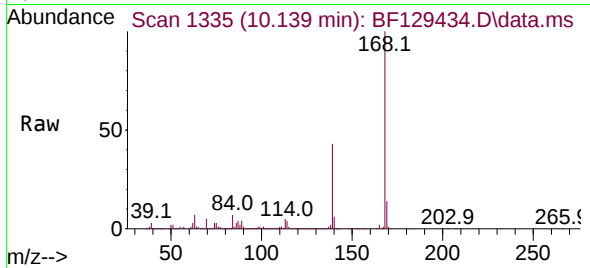
Tgt Ion:184 Resp: 328331
Ion Ratio Lower Upper
184 100
63 76.0 64.5 96.7
154 67.8 50.6 75.8





#55
Dibenzofuran
Concen: 41.776 ng
RT: 10.139 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

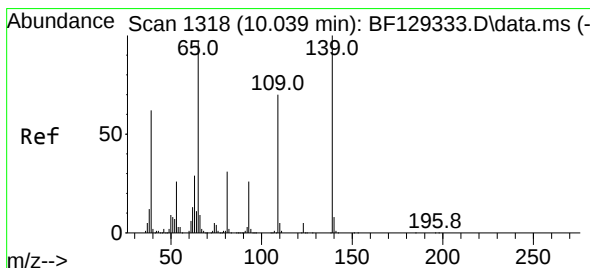
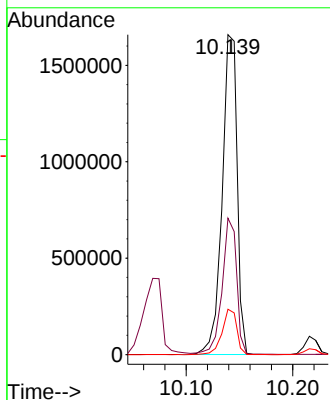
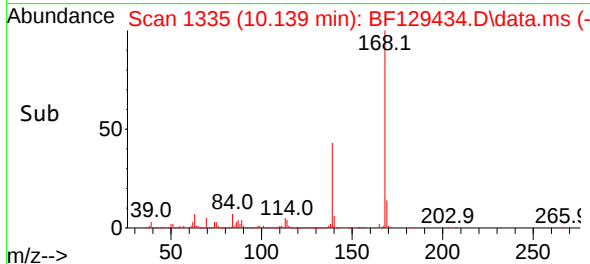
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion:168 Resp: 1632575
Ion Ratio Lower Upper
168 100
139 42.6 30.6 46.0
169 14.2 11.0 16.6

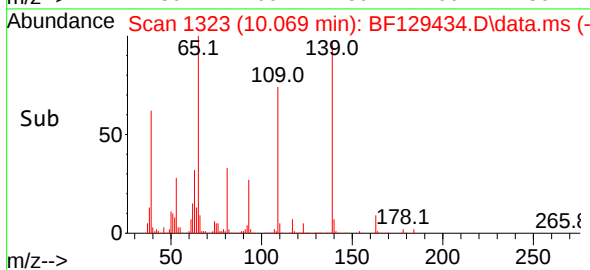
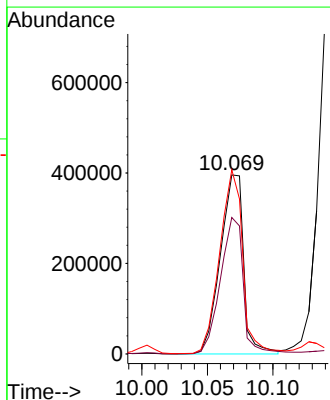
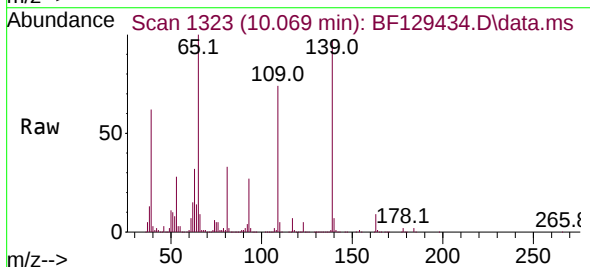
Manual Integrations
APPROVED

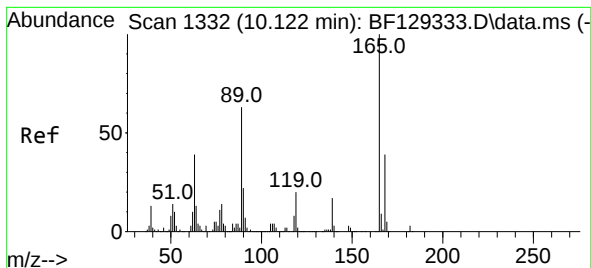
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#56
4-Nitrophenol
Concen: 75.076 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.029 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:139 Resp: 489277
Ion Ratio Lower Upper
139 100
109 76.2 50.7 90.7
65 102.9 74.5 114.5





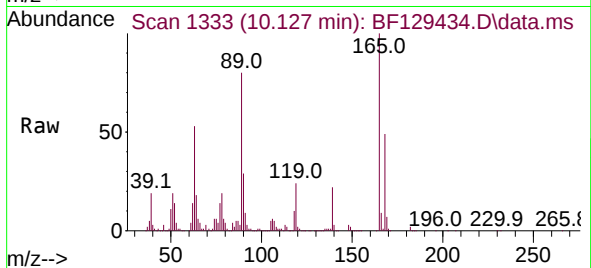
#57
2,4-Dinitrotoluene
Concen: 43.479 ng
RT: 10.127 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

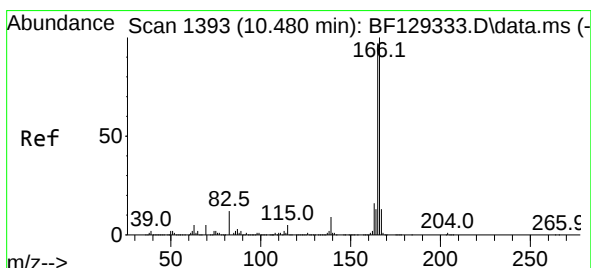
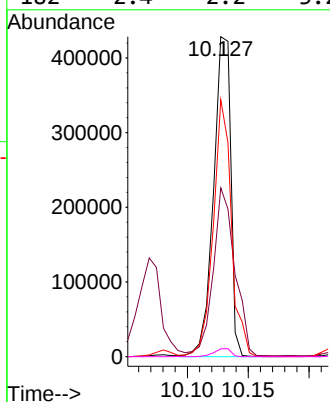
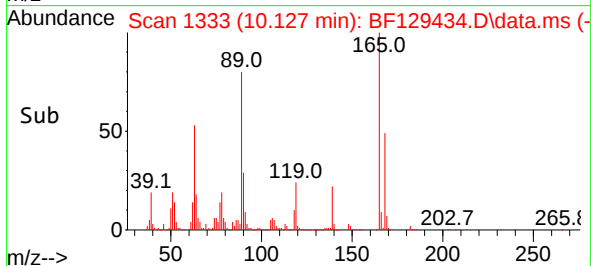


Tgt Ion:165 Resp: 424905
Ion Ratio Lower Upper
165 100
63 52.7 39.8 59.6
89 80.3 60.2 90.2
182 2.4 2.2 3.2

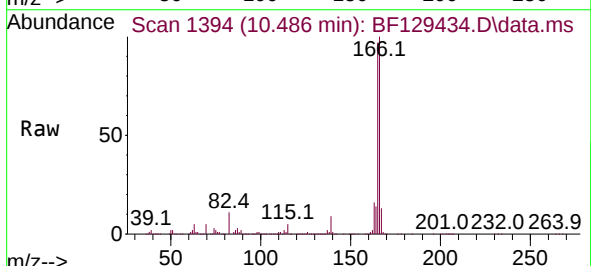
Manual Integrations

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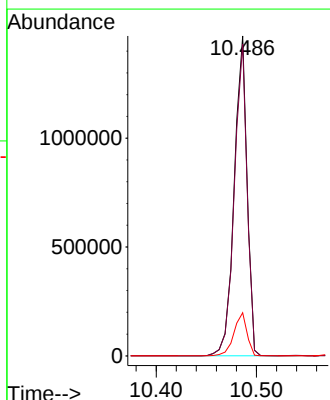
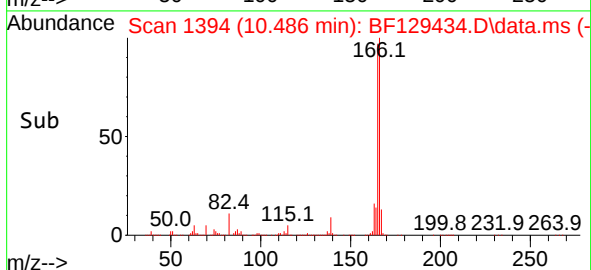
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

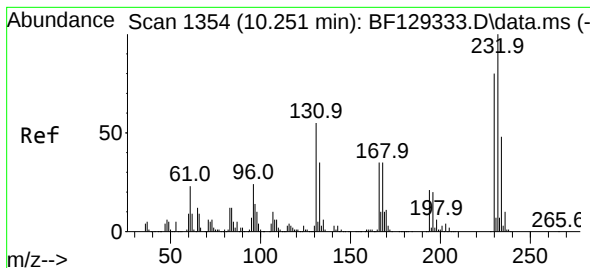


#58
Fluorene
Concen: 41.764 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



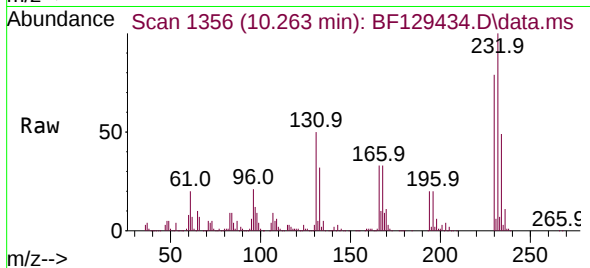
Tgt Ion:166 Resp: 1305895
Ion Ratio Lower Upper
166 100
165 97.5 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.607 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

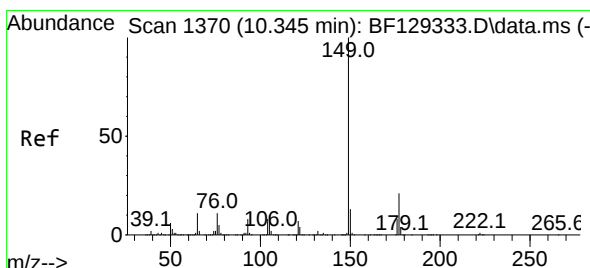
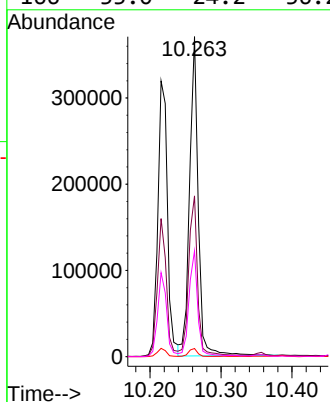
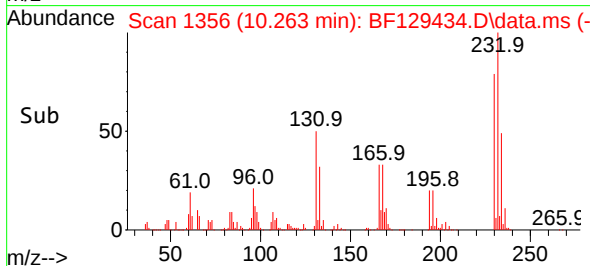
Instrument :
BNA_F
ClientSampleId :
PB146473BS



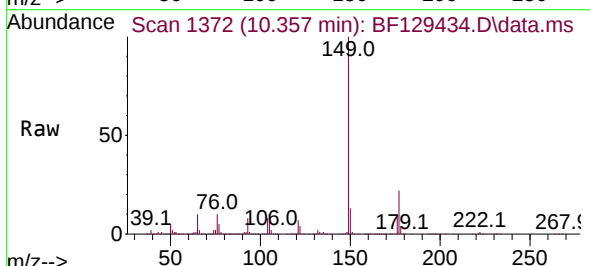
Tgt Ion:232 Resp: 315106
Ion Ratio Lower Upper
232 100
131 51.1 36.1 54.1
130 2.6 1.8 2.8
166 33.0 24.2 36.2

Manual Integrations
APPROVED

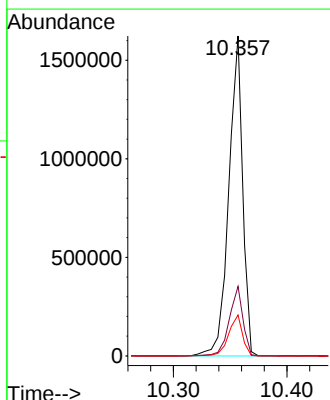
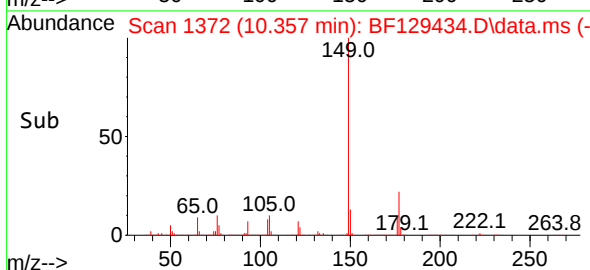
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

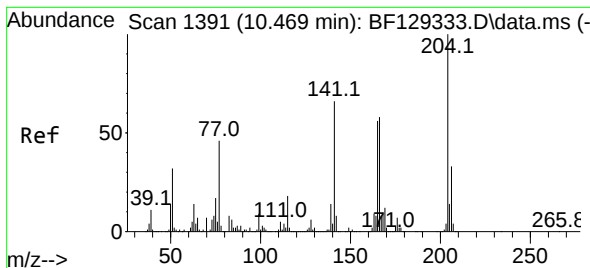


#60
Diethylphthalate
Concen: 42.561 ng
RT: 10.357 min Scan# 1372
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



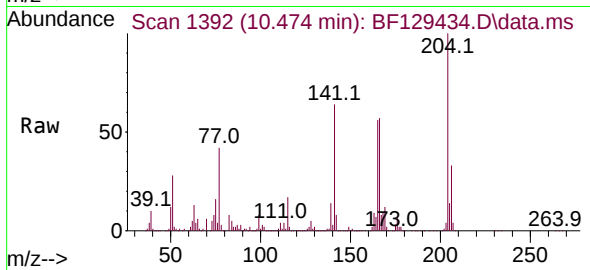
Tgt Ion:149 Resp: 1375150
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.549 ng
RT: 10.474 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

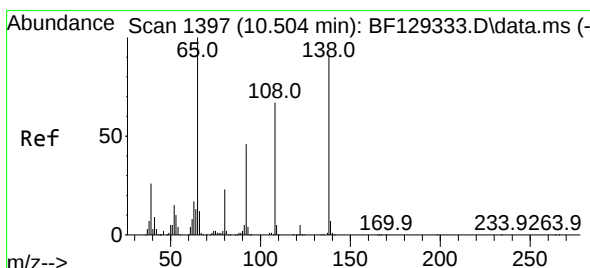
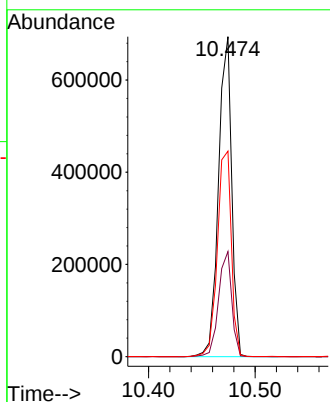
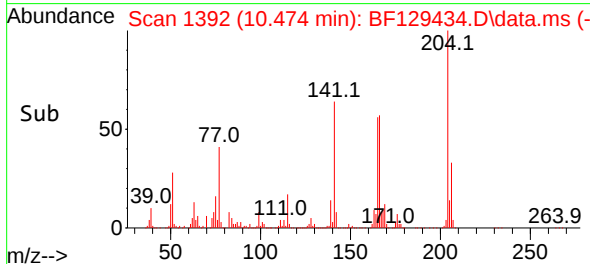
Instrument :
BNA_F
ClientSampleId :
PB146473BS



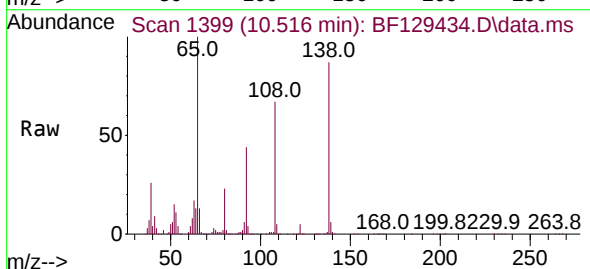
Tgt Ion:204 Resp: 600326
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 64.3 47.0 70.4

Manual Integrations
APPROVED

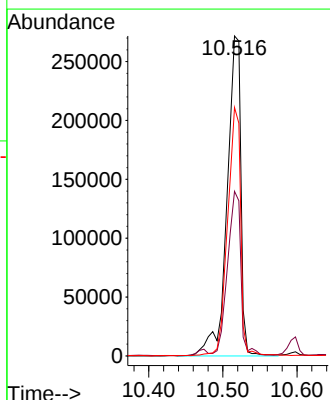
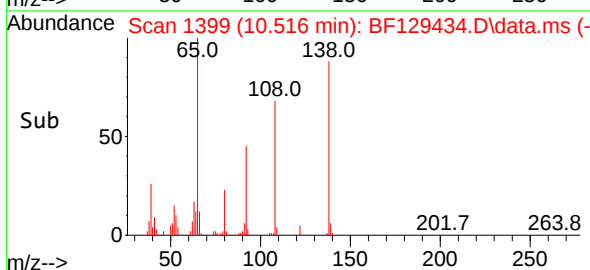
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

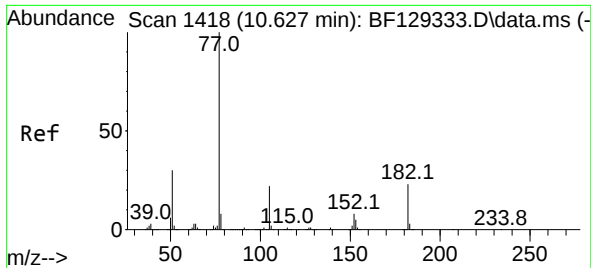


#62
4-Nitroaniline
Concen: 40.197 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



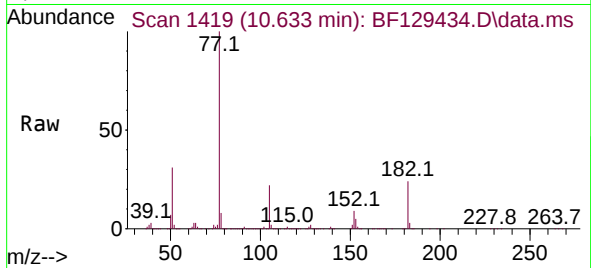
Tgt Ion:138 Resp: 352250
Ion Ratio Lower Upper
138 100
92 51.4 33.5 73.5
108 77.6 61.0 101.0





#63
Azobenzene
Concen: 40.855 ng
RT: 10.633 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

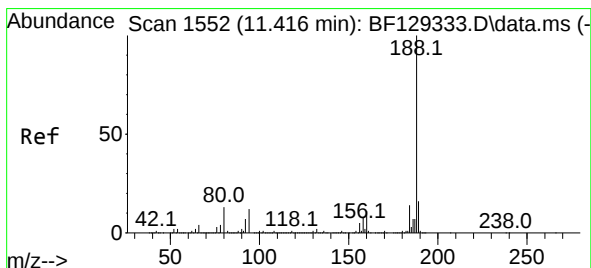
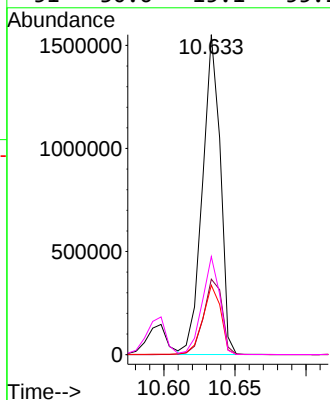
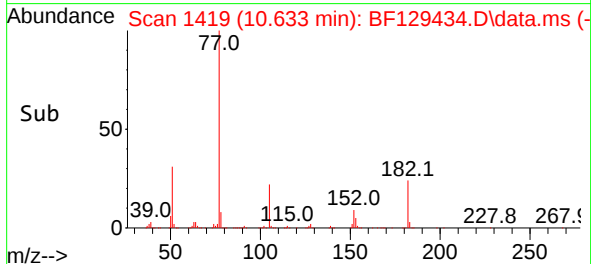
Instrument :
BNA_F
ClientSampleId :
PB146473BS



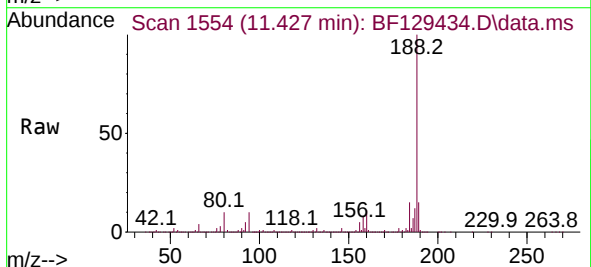
Tgt Ion: 77 Resp: 1346400
Ion Ratio Lower Upper
77 100
182 23.6 5.6 45.6
105 21.7 1.6 41.6
51 30.6 15.1 55.1

Manual Integrations
APPROVED

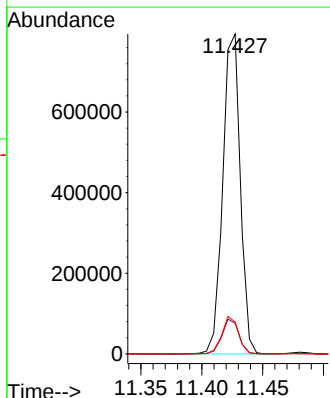
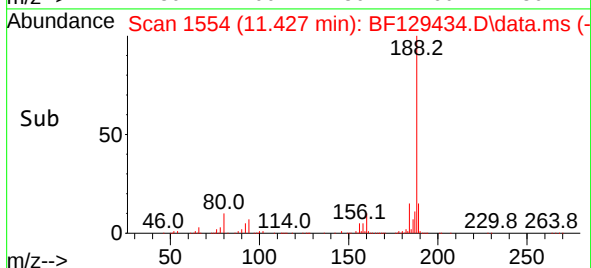
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

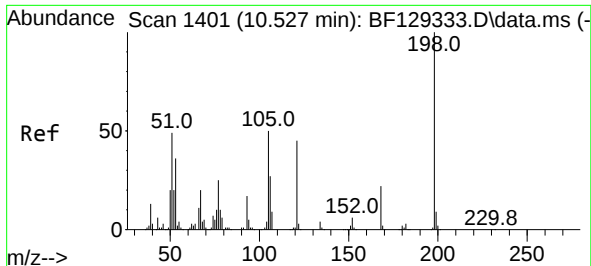


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion:188 Resp: 792357
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.0 7.6 11.4





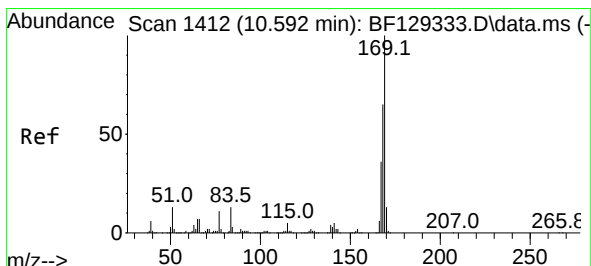
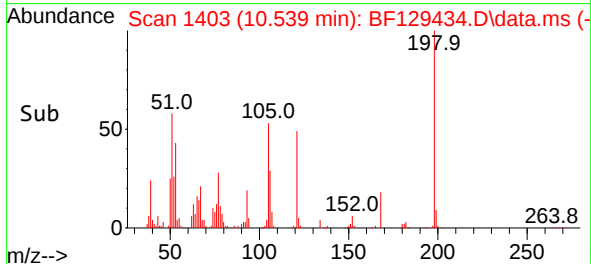
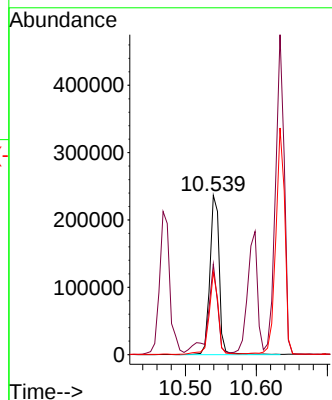
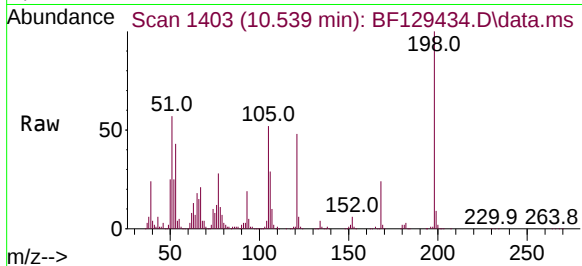
#65
4,6-Dinitro-2-methylphenol
Concen: 42.962 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB146473BS

Tgt Ion:198 Resp: 214859
Ion Ratio Lower Upper
198 100
51 56.8 37.6 77.6
105 52.0 27.0 67.0

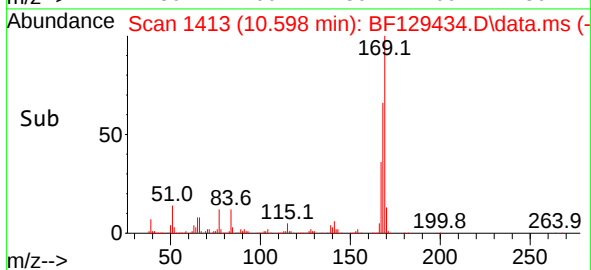
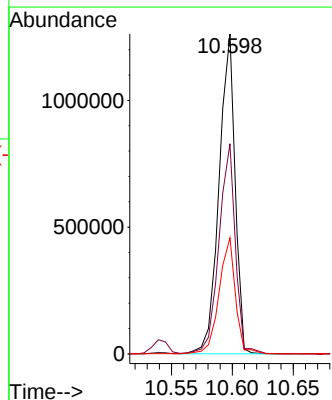
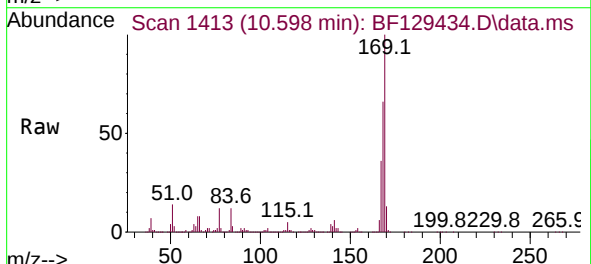
Manual Integrations
APPROVED

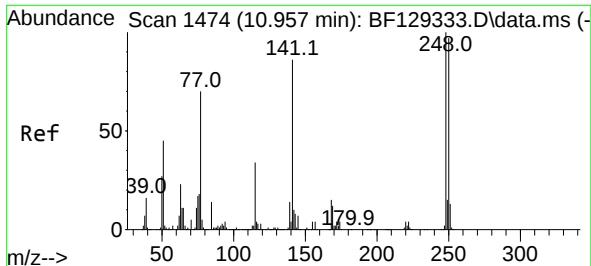
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#66
n-Nitrosodiphenylamine
Concen: 43.766 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

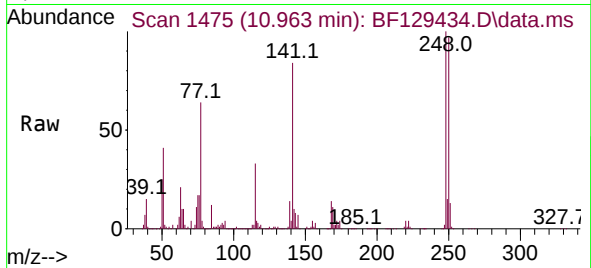
Tgt Ion:169 Resp: 1154859
Ion Ratio Lower Upper
169 100
168 65.7 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 45.124 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

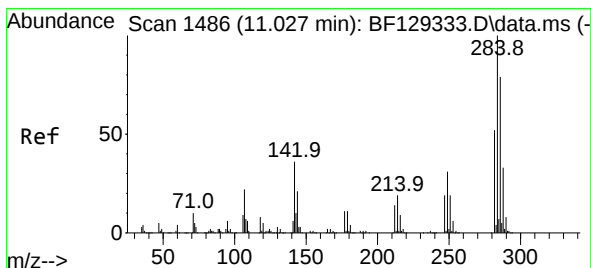
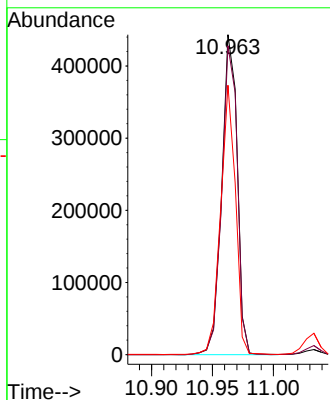
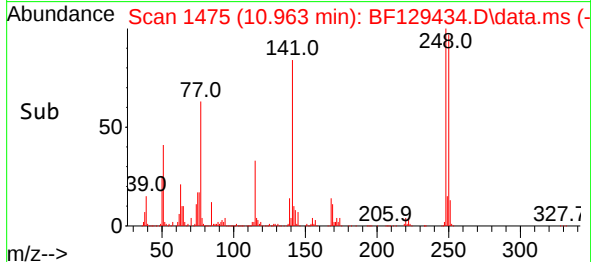
Instrument :
BNA_F
ClientSampleId :
PB146473BS



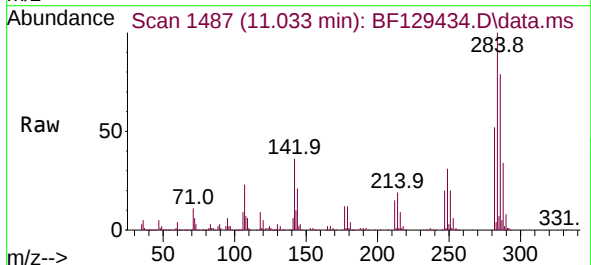
Tgt Ion:248 Resp: 391518
Ion Ratio Lower Upper
248 100
250 96.5 80.6 120.8
141 84.2 58.9 88.3

Manual Integrations
APPROVED

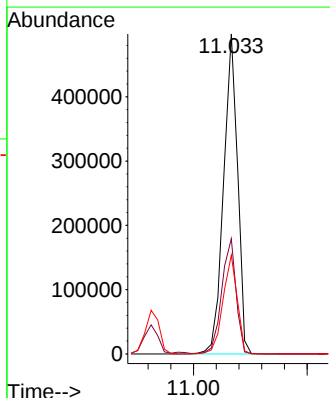
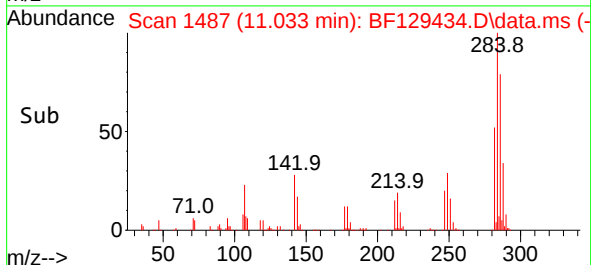
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

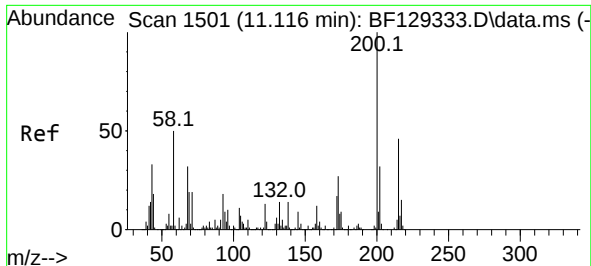


#68
Hexachlorobenzene
Concen: 45.230 ng
RT: 11.033 min Scan# 1487
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



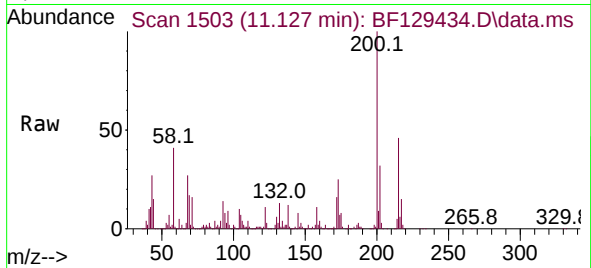
Tgt Ion:284 Resp: 425220
Ion Ratio Lower Upper
284 100
142 36.0 29.0 43.4
249 30.9 25.0 37.6





#69
Atrazine
Concen: 44.477 ng
RT: 11.127 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

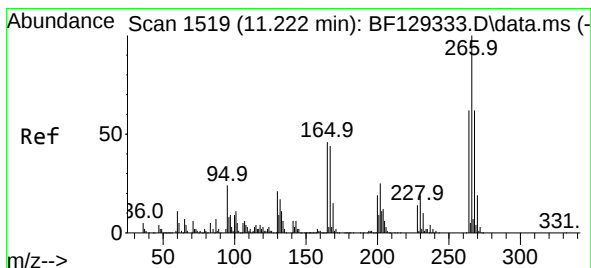
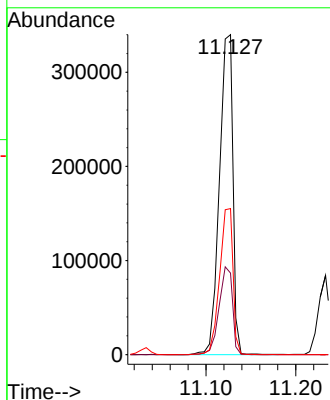
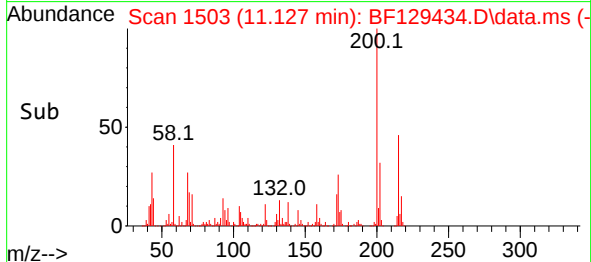
Instrument :
BNA_F
ClientSampleId :
PB146473BS



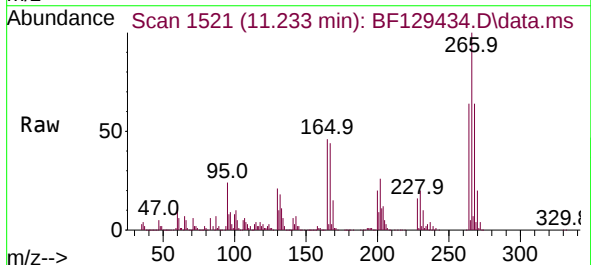
Tgt Ion:200 Resp: 356479
Ion Ratio Lower Upper
200 100
173 25.5 6.3 46.3
215 45.6 28.3 68.3

Manual Integrations
APPROVED

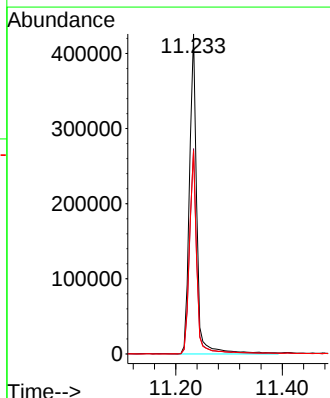
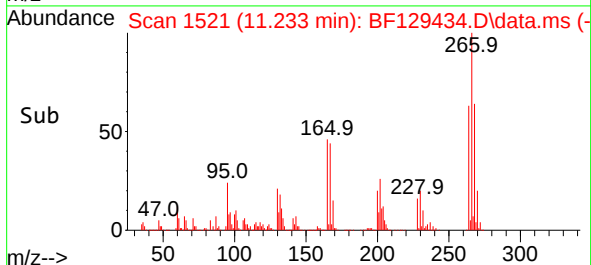
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

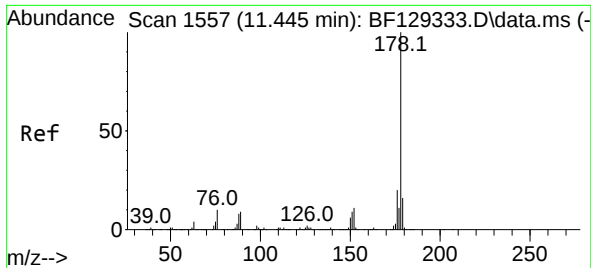


#70
Pentachlorophenol
Concen: 79.722 ng
RT: 11.233 min Scan# 1521
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



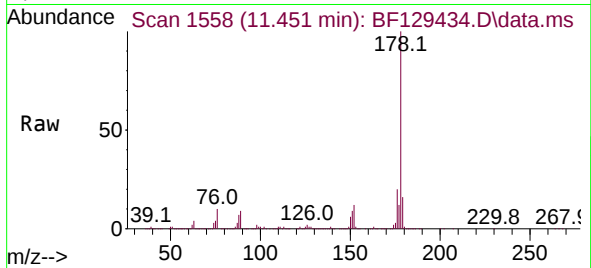
Tgt Ion:266 Resp: 407448
Ion Ratio Lower Upper
266 100
268 64.1 51.0 76.4
264 63.5 49.4 74.2





#71
Phenanthrene
Concen: 42.894 ng
RT: 11.451 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

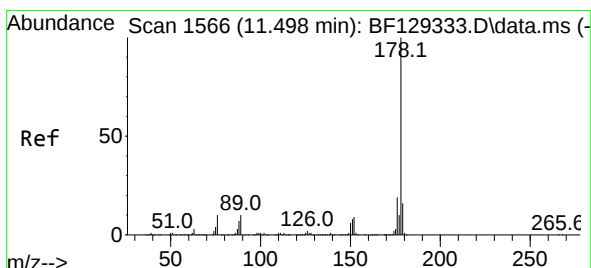
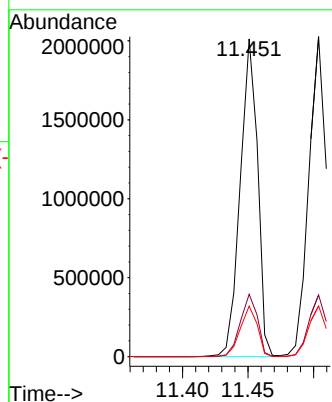
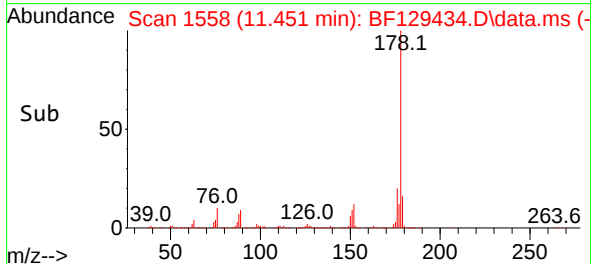
Instrument :
BNA_F
ClientSampleId :
PB146473BS



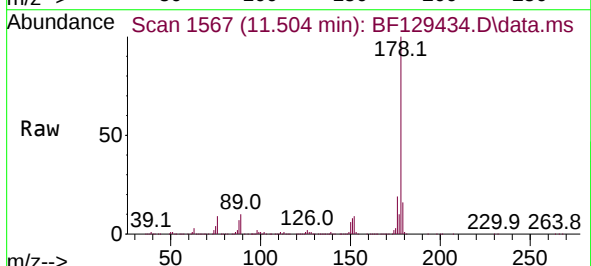
Tgt Ion:178 Resp: 1855262
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.9 12.6 19.0

Manual Integrations
APPROVED

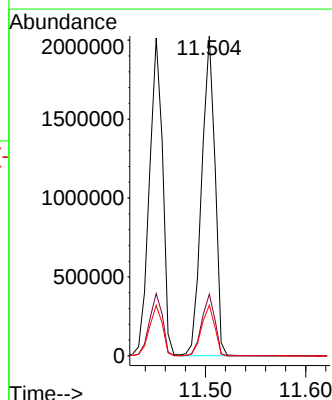
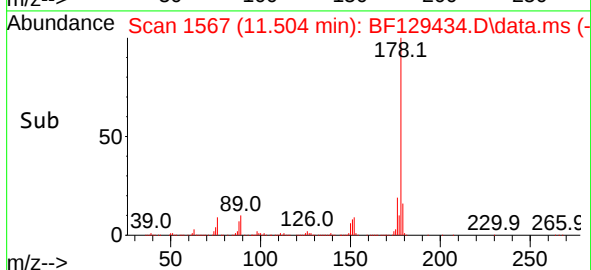
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

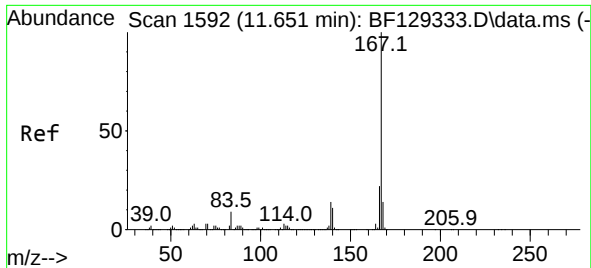


#72
Anthracene
Concen: 43.744 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



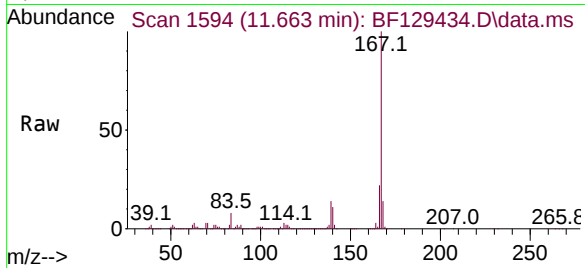
Tgt Ion:178 Resp: 1859336
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.6 19.0





#73
Carbazole
Concen: 43.440 ng
RT: 11.663 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

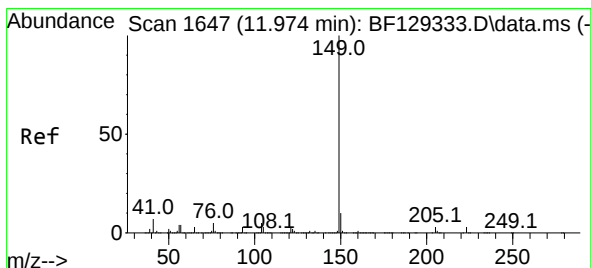
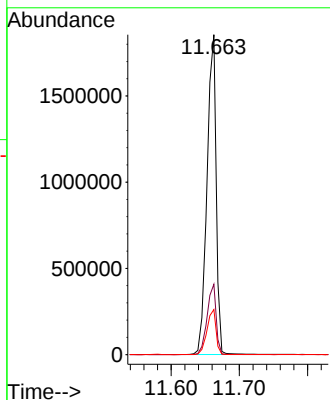
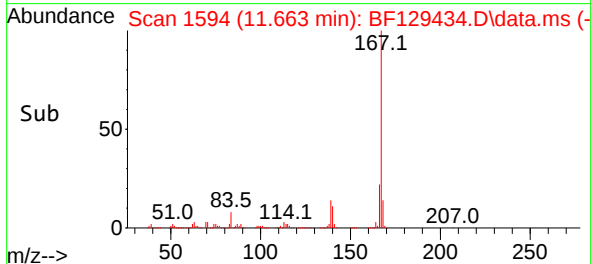
Instrument :
BNA_F
ClientSampleId :
PB146473BS



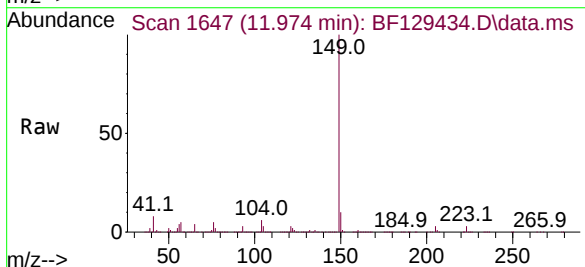
Tgt Ion:167 Resp: 1738114
Ion Ratio Lower Upper
167 100
166 22.0 17.7 26.5
139 14.1 11.2 16.8

Manual Integrations
APPROVED

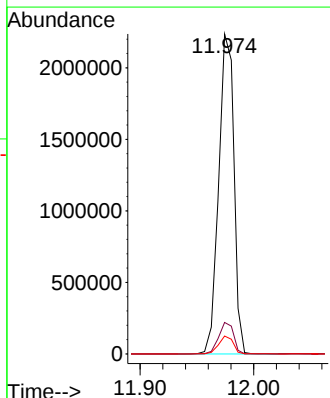
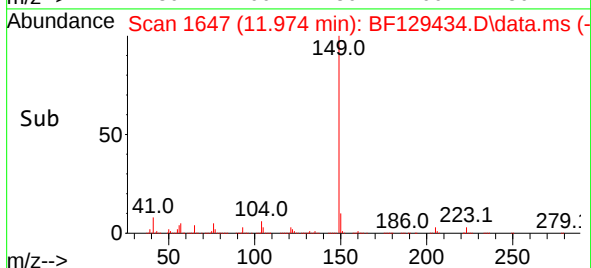
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

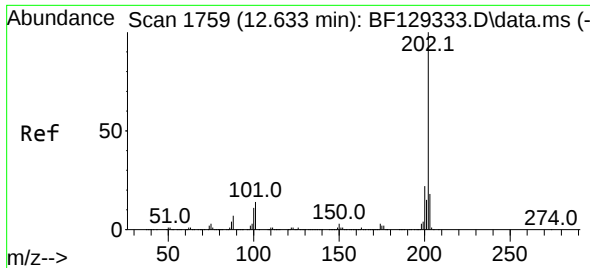


#74
Di-n-butylphthalate
Concen: 43.660 ng
RT: 11.974 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



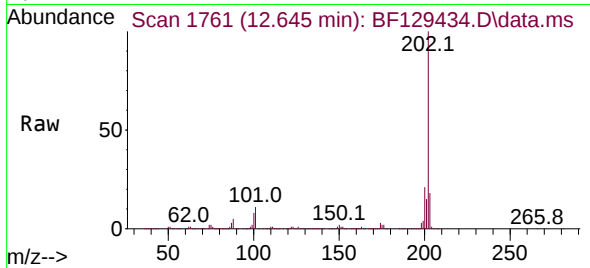
Tgt Ion:149 Resp: 2080348
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 43.039 ng
RT: 12.645 min Scan# 1759
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

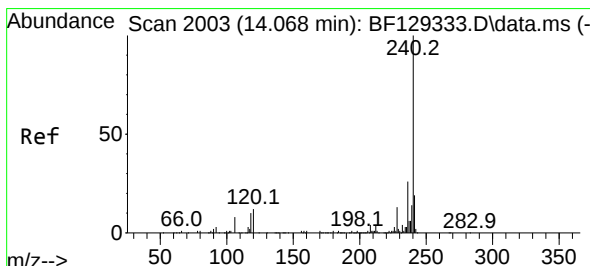
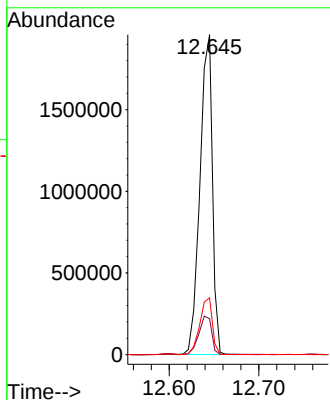
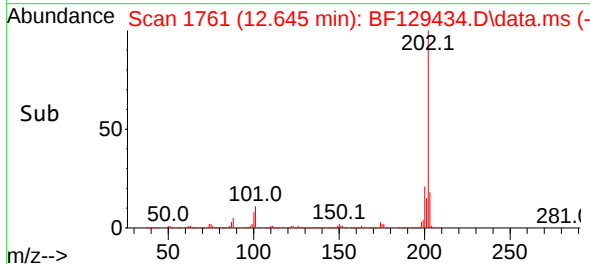
Instrument :
BNA_F
ClientSampleId :
PB146473BS



Tgt Ion:202 Resp: 1886180
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.7 0.0 38.0

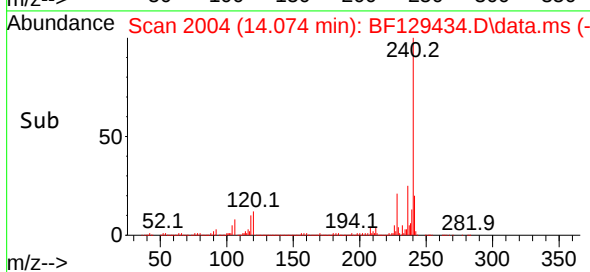
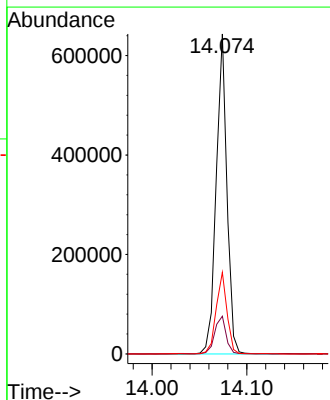
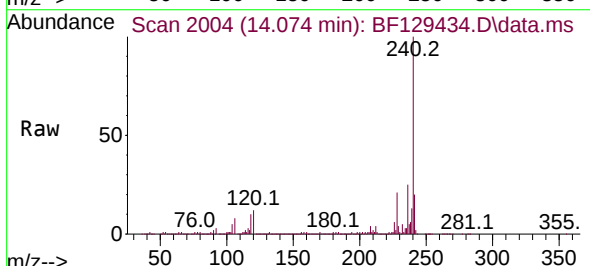
Manual Integrations
APPROVED

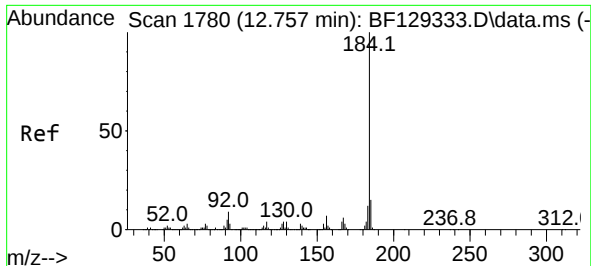
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:240 Resp: 505994
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.5 20.8 31.2





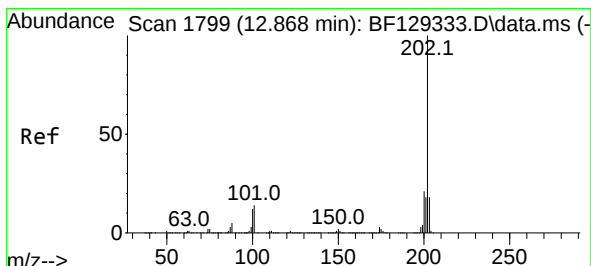
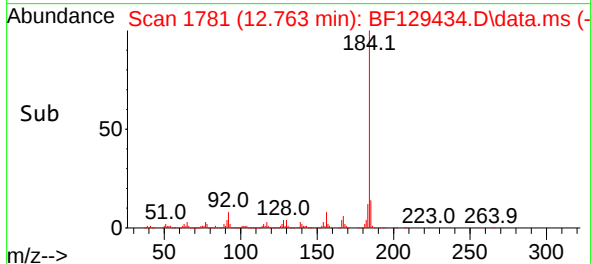
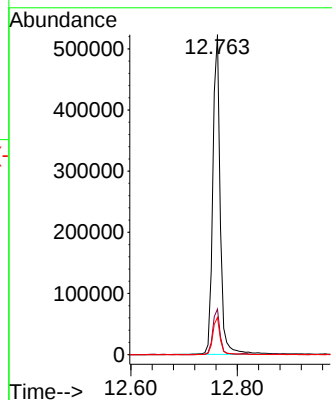
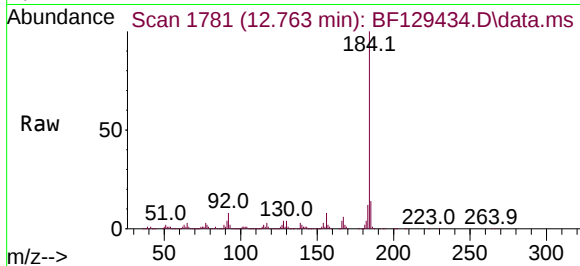
#77
Benzidine
Concen: 28.390 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB146473BS

Tgt Ion:184 Resp: 507492
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.6 9.3 13.9

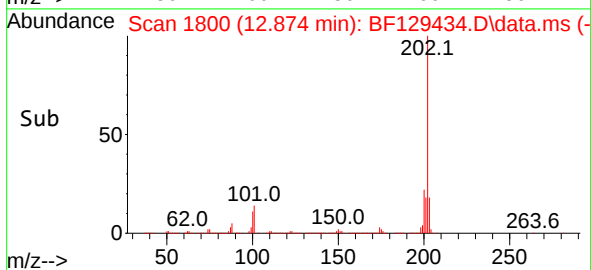
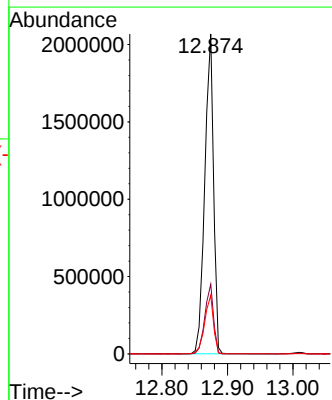
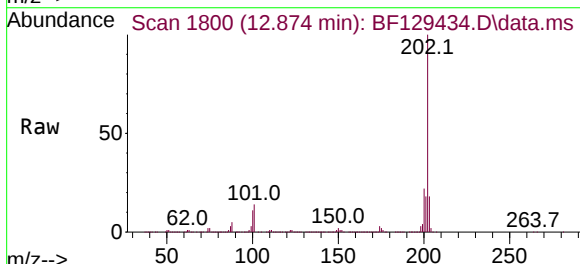
Manual Integrations
APPROVED

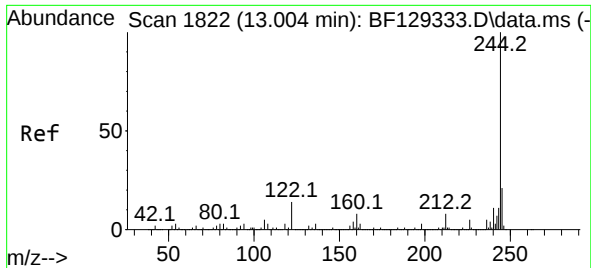
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#78
Pyrene
Concen: 44.981 ng
RT: 12.874 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:202 Resp: 1903263
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.3 14.6 21.8





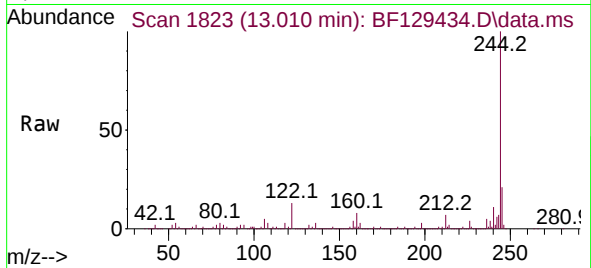
#79
 Terphenyl-d14
 Concen: 94.493 ng
 RT: 13.010 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF129434.D
 Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

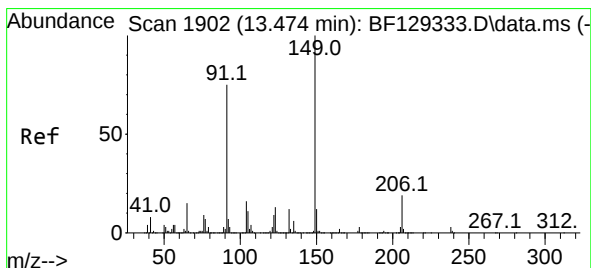
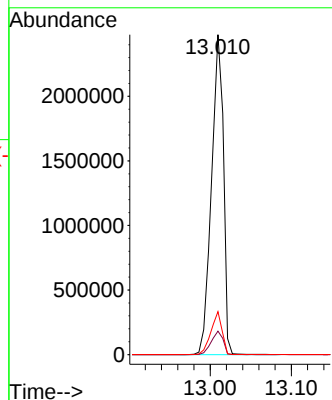
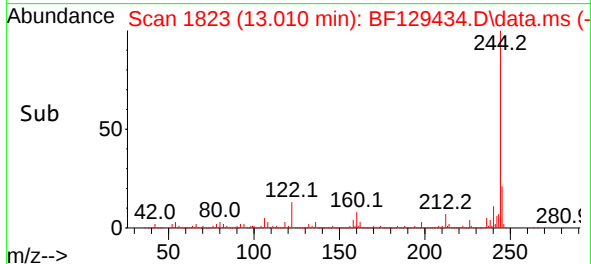


Tgt Ion:244 Resp: 2534380
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.4 8.8 13.2

Manual Integrations

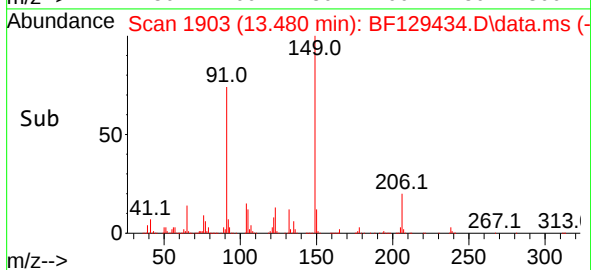
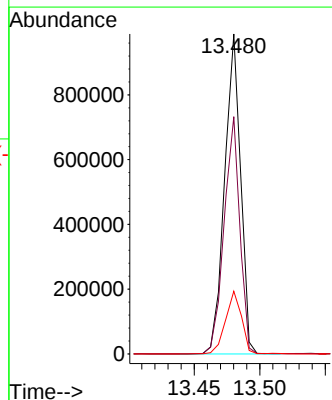
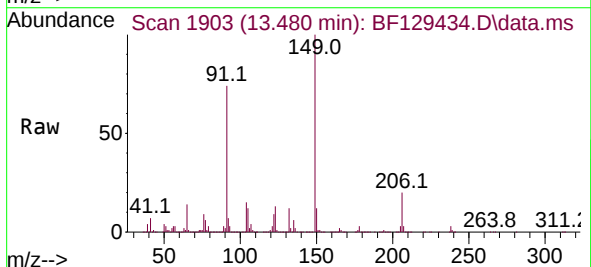
APPROVED

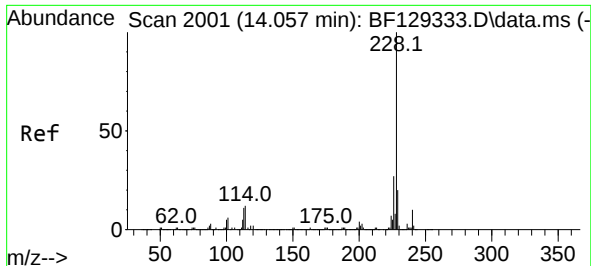
Reviewed By :Christian Giraldo 08/01/2022
 Supervised By :Jagrut Upadhyay 08/01/2022



#80
 Butylbenzylphthalate
 Concen: 45.747 ng
 RT: 13.480 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: BF129434.D
 Acq: 29 Jul 2022 10:44

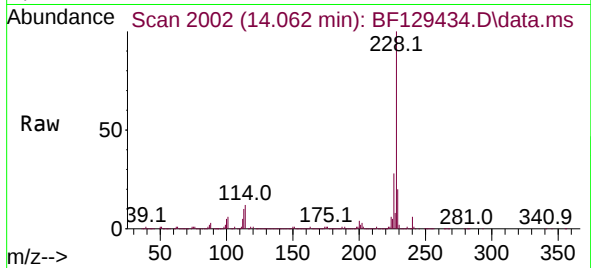
Tgt Ion:149 Resp: 839588
 Ion Ratio Lower Upper
 149 100
 91 74.1 61.2 91.8
 206 19.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 43.702 ng
RT: 14.062 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

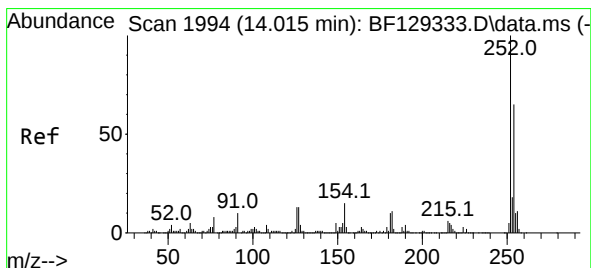
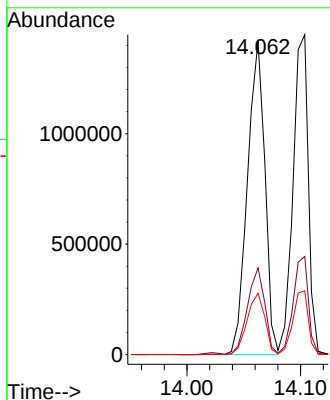
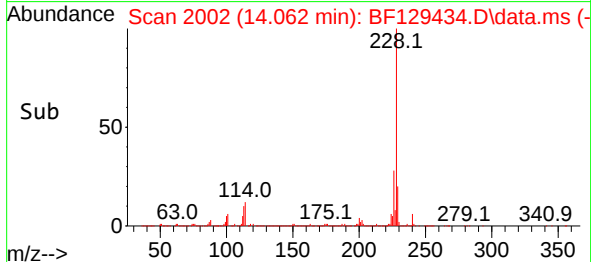
Instrument :
BNA_F
ClientSampleId :
PB146473BS



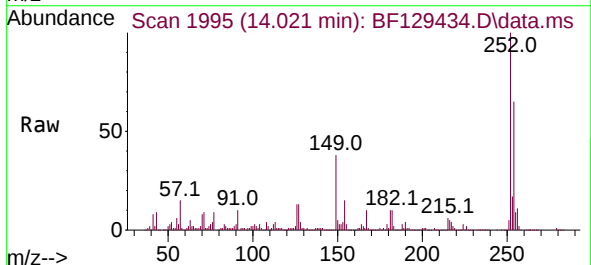
Tgt Ion:228 Resp: 1510530
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.8 23.8

Manual Integrations
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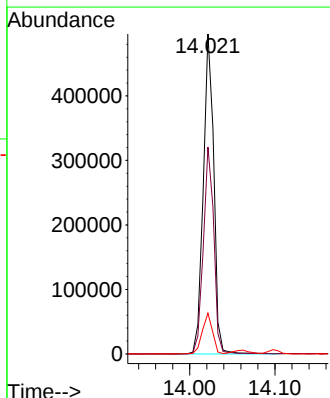
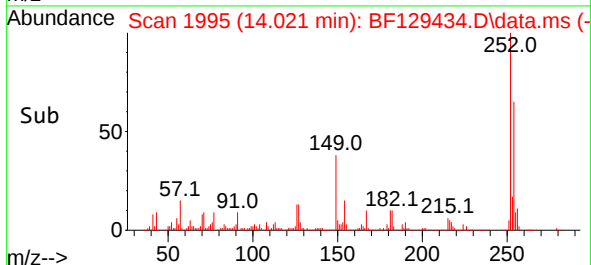
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

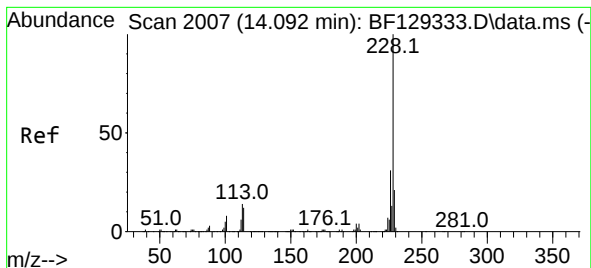


#82
3,3'-Dichlorobenzidine
Concen: 37.195 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion:252 Resp: 424474
Ion Ratio Lower Upper
252 100
254 64.6 50.2 75.4
126 12.7 8.2 12.4





#83

Chrysene

Concen: 41.790 ng

RT: 14.104 min Scan# 2007

Delta R.T. 0.012 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:228 Resp: 136132

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

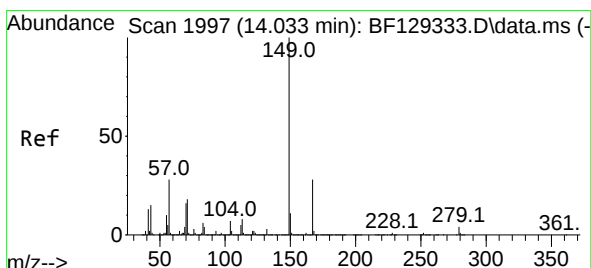
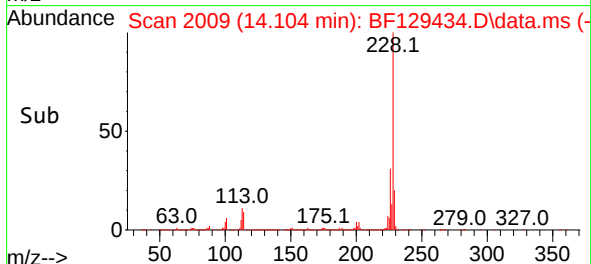
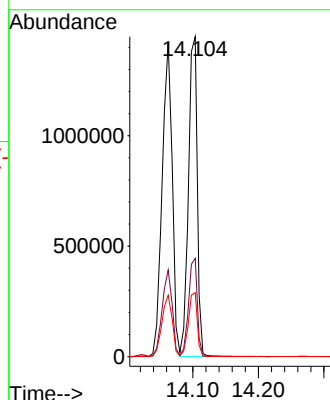
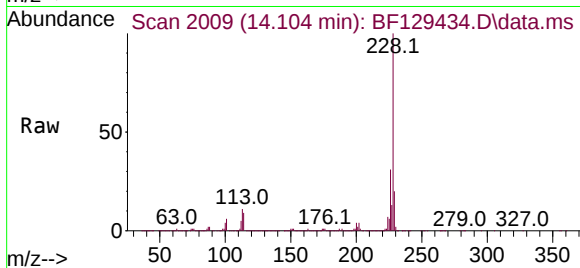
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.288 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

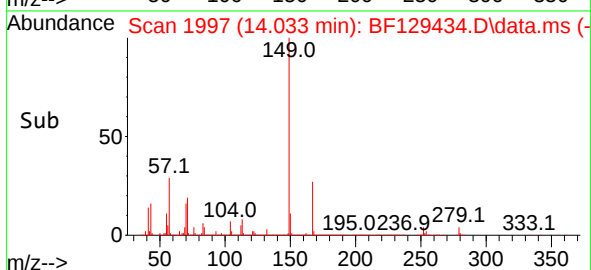
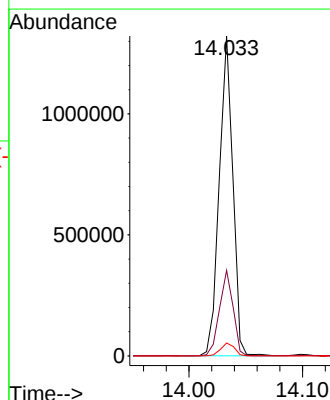
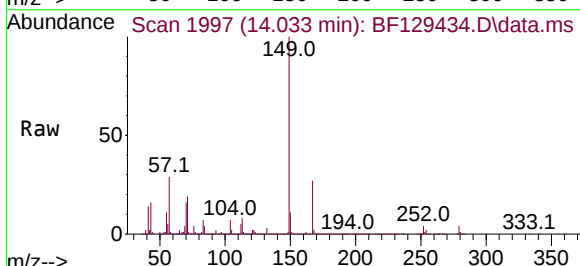
Tgt Ion:149 Resp: 1094252

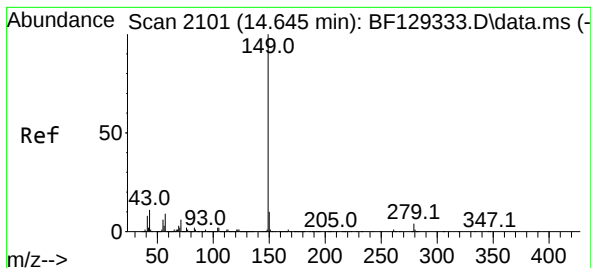
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.033 ng

RT: 14.651 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:149 Resp: 1600583

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

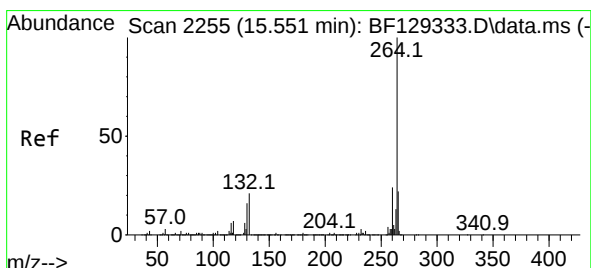
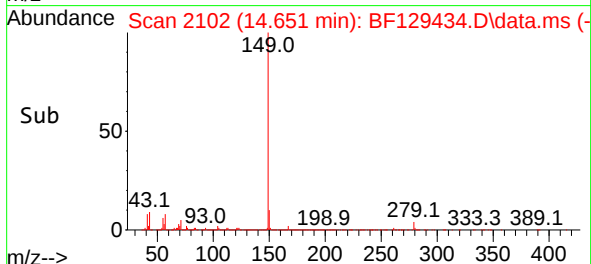
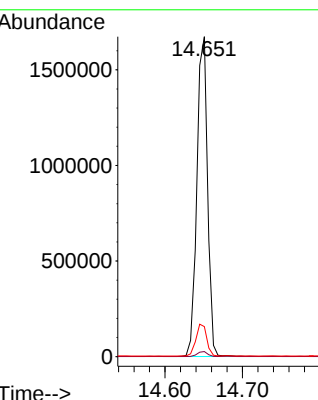
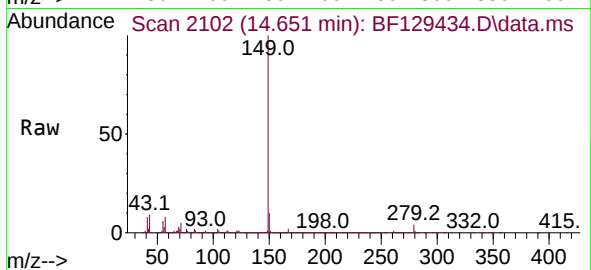
43 10.1 9.2 13.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2258

Delta R.T. 0.018 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

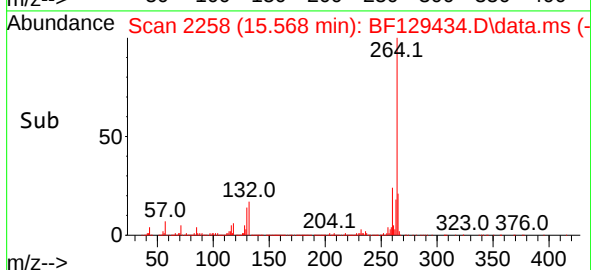
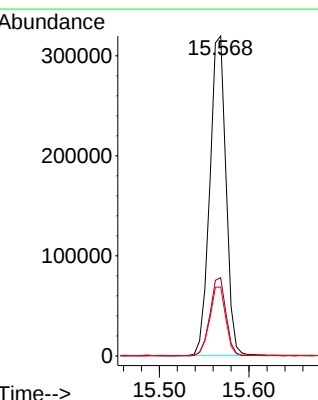
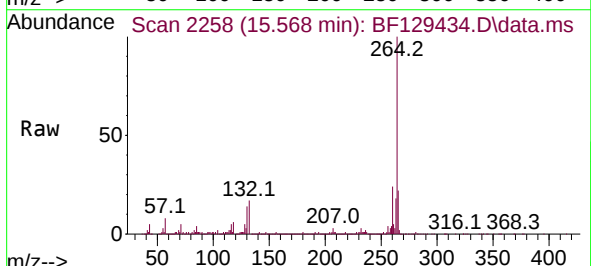
Tgt Ion:264 Resp: 401123

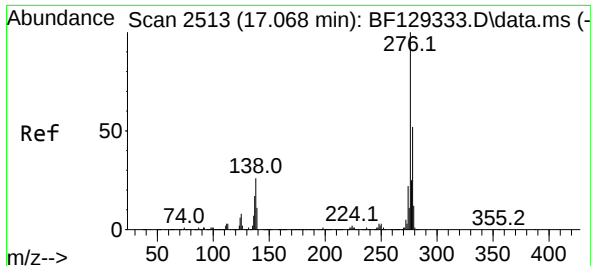
Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 21.5 17.2 25.8





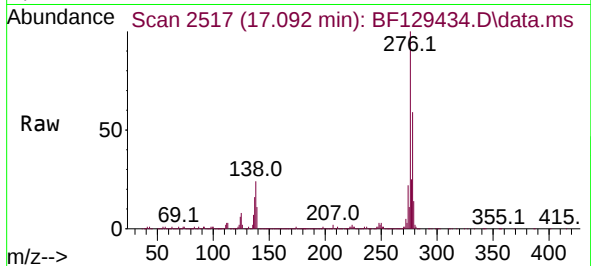
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.533 ng
RT: 17.092 min Scan# 2183
Delta R.T. 0.024 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

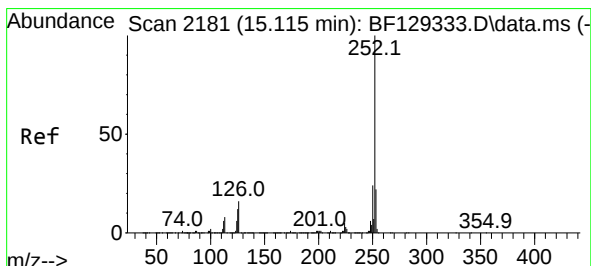
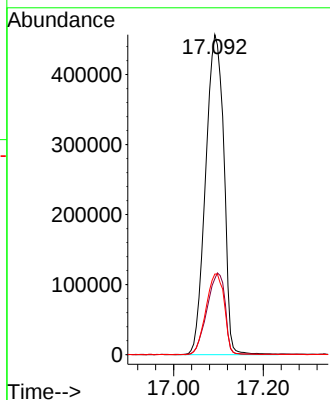
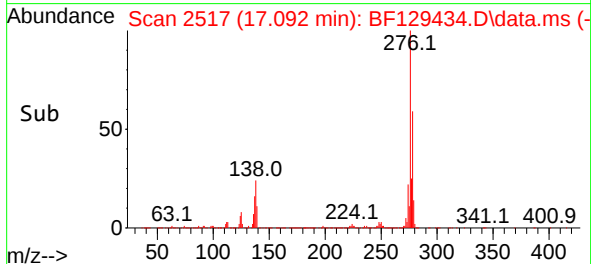


Tgt Ion:276 Resp: 1283969
Ion Ratio Lower Upper
276 100
138 25.2 21.1 31.7
277 25.7 20.3 30.5

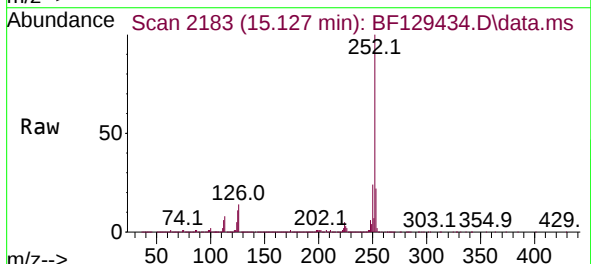
Manual Integrations

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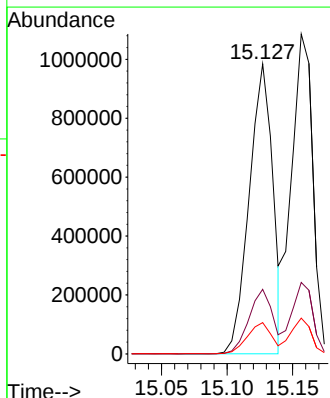
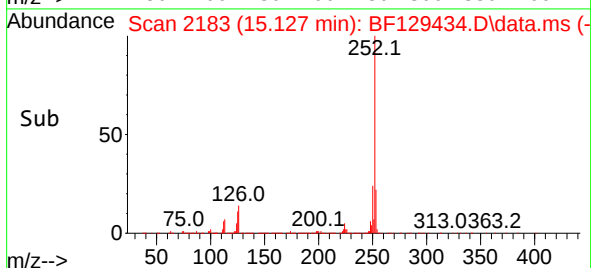
Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

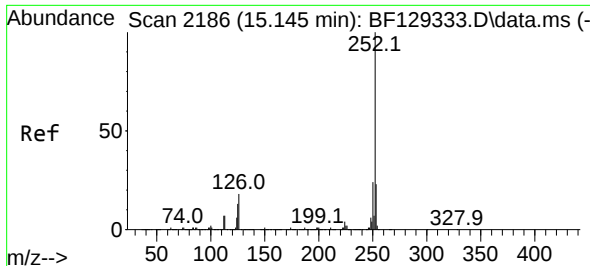


#88
Benzo(b)fluoranthene
Concen: 46.345 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.012 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44



Tgt Ion:252 Resp: 1233148
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.8 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 47.054 ng

RT: 15.157 min Scan# 2186

Delta R.T. 0.012 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB146473BS

Tgt Ion:252 Resp: 1226930

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

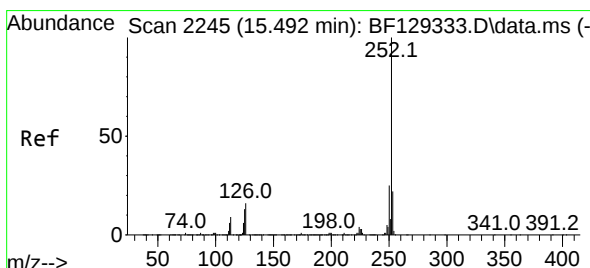
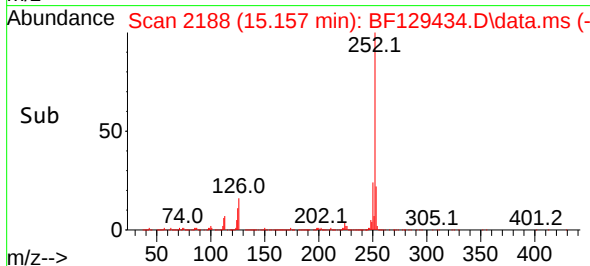
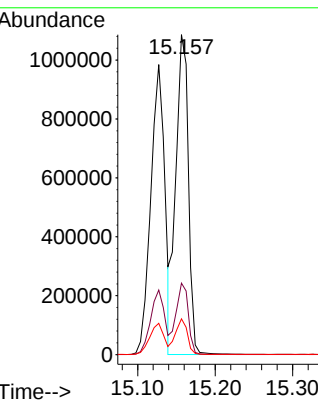
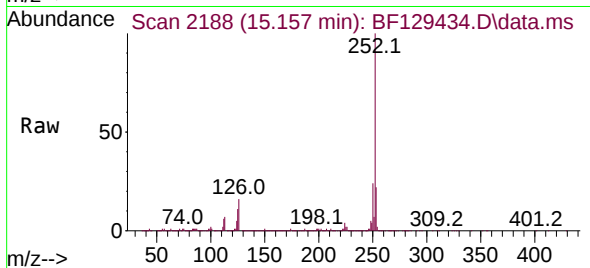
125 11.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/01/2022

Supervised By :Jagrut Upadhyay 08/01/2022



#90

Benzo(a)pyrene

Concen: 54.593 ng

RT: 15.504 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF129434.D

Acq: 29 Jul 2022 10:44

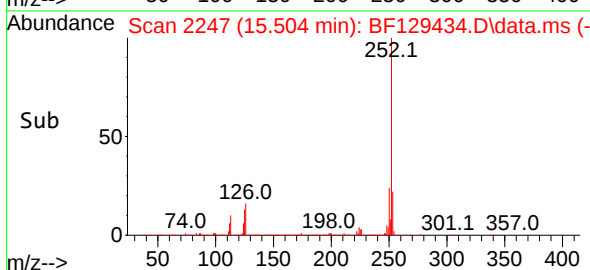
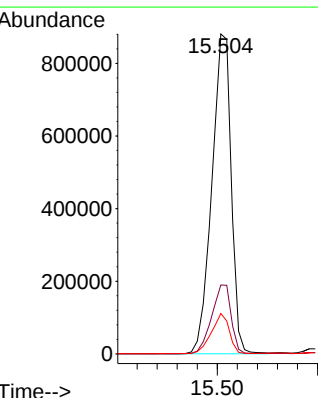
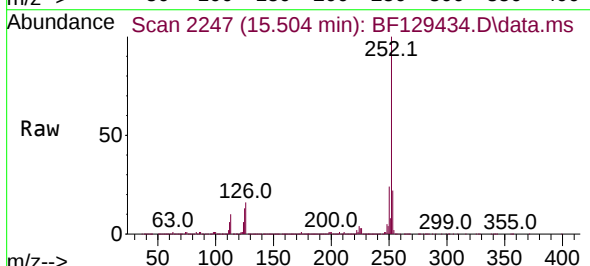
Tgt Ion:252 Resp: 1179180

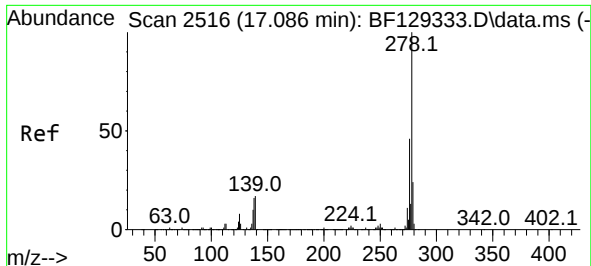
Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

125 12.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 50.352 ng
RT: 17.109 min Scan# 2516
Delta R.T. 0.024 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Instrument :

BNA_F

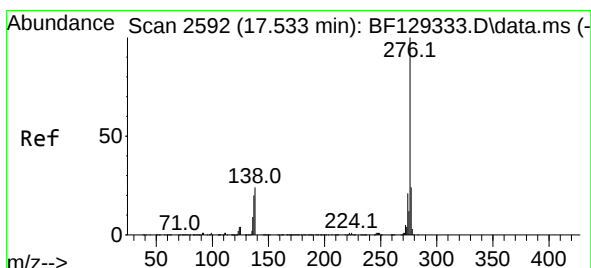
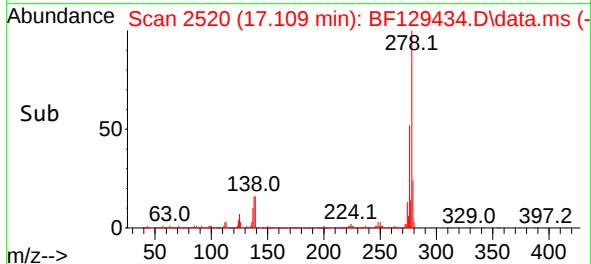
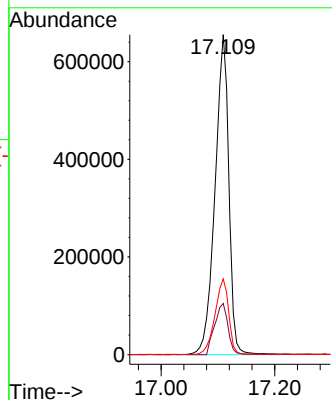
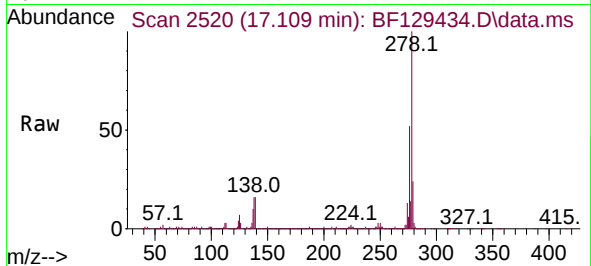
ClientSampleId :

PB146473BS

Tgt Ion:278 Resp: 1107003
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.7 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022



#92
Benzo(g,h,i)perylene
Concen: 50.483 ng
RT: 17.562 min Scan# 2597
Delta R.T. 0.029 min
Lab File: BF129434.D
Acq: 29 Jul 2022 10:44

Tgt Ion:276 Resp: 1134116
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 21.6 18.0 27.0

