

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127023.D
 Acq On : 22 Feb 2022 22:12
 Operator : CG\JU
 Sample : N1610-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-021822MSD

Quant Time: Feb 23 00:00:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	78734	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	296456	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	122336	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	182890	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	128422	20.000	ng	# 0.00
86) Perylene-d12	15.609	264	97452	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	542504	106.495	ng	0.01
7) Phenol-d6	6.551	99	712182	103.608	ng	0.00
23) Nitrobenzene-d5	7.486	82	500427	76.193	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	148699	105.570	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	689446	82.966	ng	0.00
79) Terphenyl-d14	13.045	244	540654	61.888	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	85627	36.733	ng	# 94
3) Pyridine	3.551	79	215139	35.187	ng	90
4) n-Nitrosodimethylamine	3.516	42	143916	48.050	ng	# 64
6) Aniline	6.587	93	200669	24.639	ng	95
8) 2-Chlorophenol	6.710	128	268213	49.071	ng	98
9) Benzaldehyde	6.475	77	168664	40.310	ng	95
10) Phenol	6.569	94	339355m	48.860	ng	
11) bis(2-Chloroethyl)ether	6.657	93	257455	47.260	ng	96
12) 1,3-Dichlorobenzene	6.869	146	281528	47.748	ng	99
13) 1,4-Dichlorobenzene	6.945	146	285232	47.718	ng	97
14) 1,2-Dichlorobenzene	7.092	146	270126	47.388	ng	97
15) Benzyl Alcohol	7.063	79	262622	45.351	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	368760	42.988	ng	95
17) 2-Methylphenol	7.175	107	218714	46.250	ng	# 92
18) Hexachloroethane	7.434	117	107096	46.742	ng	94
19) n-Nitroso-di-n-propyla...	7.334	70	206912	46.714	ng	98
20) 3+4-Methylphenols	7.328	107	283558	46.177	ng	# 86
22) Acetophenone	7.334	105	390720	50.057	ng	# 97
24) Nitrobenzene	7.510	77	308974	49.798	ng	99
25) Isophorone	7.745	82	540297	49.714	ng	# 97
26) 2-Nitrophenol	7.822	139	132640	50.211	ng	# 76
27) 2,4-Dimethylphenol	7.857	122	237411m	54.707	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	309394	46.958	ng	97
29) 2,4-Dichlorophenol	8.063	162	191442	46.922	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	215211	47.180	ng	98
31) Naphthalene	8.233	128	729555	47.143	ng	99
32) Benzoic acid	7.969	122	119762	38.913	ng	82
33) 4-Chloroaniline	8.275	127	66649	10.942	ng	96
34) Hexachlorobutadiene	8.339	225	129272	48.543	ng	99
35) Caprolactam	8.645	113	61691m	43.298	ng	
36) 4-Chloro-3-methylphenol	8.757	107	230120	44.132	ng	95
37) 2-Methylnaphthalene	8.922	142	458614	45.671	ng	98
38) 1-Methylnaphthalene	9.022	142	425944	44.295	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	183431	56.960	ng	98
41) Hexachlorocyclopentadiene	9.069	237	104274	59.702	ng	96
43) 2,4,6-Trichlorophenol	9.198	196	121337	51.372	ng	97

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Manual Integrations
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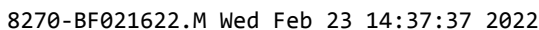
Reviewed By : Christian Giraldo 02/23/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	124711	50.177	ng	94
46) 1,1'-Biphenyl	9.386	154	528706	54.548	ng	98
47) 2-Chloronaphthalene	9.410	162	368957	51.333	ng	93
48) 2-Nitroaniline	9.510	65	144008	50.773	ng	95
49) Acenaphthylene	9.827	152	596455	51.087	ng	98
50) Dimethylphthalate	9.680	163	465140	53.193	ng	99
51) 2,6-Dinitrotoluene	9.745	165	92724	52.119	ng	# 76
52) Acenaphthene	10.004	154	357588	47.095	ng	96
53) 3-Nitroaniline	9.916	138	66805	30.719	ng	# 96
54) 2,4-Dinitrophenol	10.022	184	24824	26.362	ng	# 86
55) Dibenzofuran	10.175	168	490374	46.967	ng	91
56) 4-Nitrophenol	10.080	139	139921	87.113	ng	# 82
57) 2,4-Dinitrotoluene	10.151	165	117208	48.726	ng	# 99
58) Fluorene	10.516	166	377133	46.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	85937	43.613	ng	# 98
60) Diethylphthalate	10.380	149	459498	50.289	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	175444	45.749	ng	92
62) 4-Nitroaniline	10.533	138	79903	37.207	ng	# 78
63) Azobenzene	10.669	77	437379	42.988	ng	94
65) 4,6-Dinitro-2-methylph...	10.557	198	19189	17.857	ng	96
66) n-Nitrosodiphenylamine	10.622	169	325239	54.233	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	105916	51.832	ng	95
68) Hexachlorobenzene	11.063	284	112409	51.099	ng	95
69) Atrazine	11.151	200	102868	55.305	ng	95
70) Pentachlorophenol	11.257	266	118877	98.994	ng	99
71) Phenanthrene	11.480	178	538667	52.621	ng	99
72) Anthracene	11.533	178	524012	51.420	ng	99
73) Carbazole	11.686	167	444235	47.535	ng	99
74) Di-n-butylphthalate	12.010	149	603220	50.209	ng	98
75) Fluoranthene	12.674	202	520688	53.570	ng	94
77) Benzidine	12.804	184	194080	55.611	ng	97
78) Pyrene	12.910	202	527950	47.320	ng	99
80) Butylbenzylphthalate	13.515	149	240633	45.558	ng	89
81) Benzo(a)anthracene	14.098	228	434689	50.208	ng	100
82) 3,3'-Dichlorobenzidine	14.051	252	82067	30.078	ng	97
83) Chrysene	14.133	228	412217	50.632	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	342913	49.450	ng	# 97
85) Di-n-octyl phthalate	14.686	149	542938	54.379	ng	98
87) Indeno(1,2,3-cd)pyrene	17.145	276	290339	45.436	ng	# 83
88) Benzo(b)fluoranthene	15.162	252	365742	55.879	ng	# 95
89) Benzo(k)fluoranthene	15.192	252	311671	49.369	ng	# 96
90) Benzo(a)pyrene	15.545	252	311364	60.903	ng	# 94
91) Dibenzo(a,h)anthracene	17.162	278	237889	45.013	ng	# 92
92) Benzo(g,h,i)perylene	17.615	276	241185	46.291	ng	# 85

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

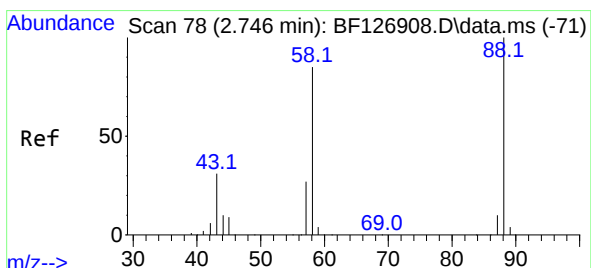
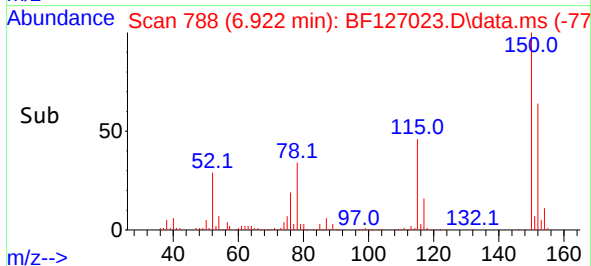
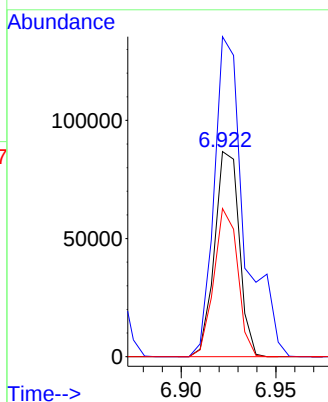
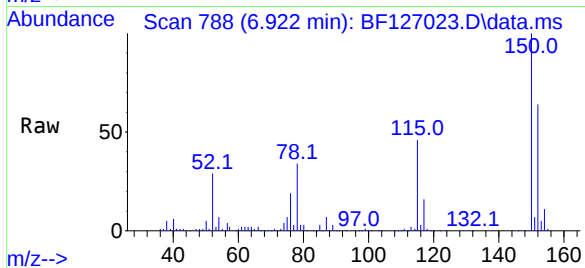
TR-05-02182MSD

Tgt Ion:152 Resp: 78734
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 72.3 56.7 85.1

Manual Integrations

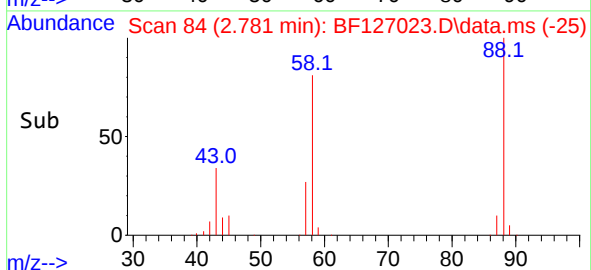
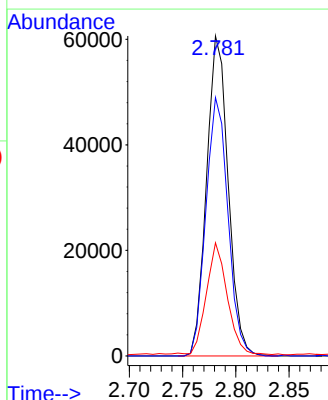
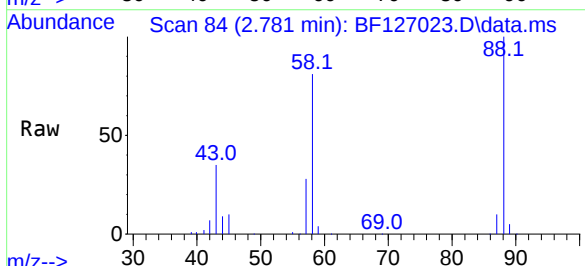
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Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#2
1,4-Dioxane
Concen: 36.733 ng
RT: 2.781 min Scan# 84
Delta R.T. 0.047 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Tgt Ion: 88 Resp: 85627
Ion Ratio Lower Upper
88 100
58 82.4 62.8 94.2
43 34.2 22.3 33.5





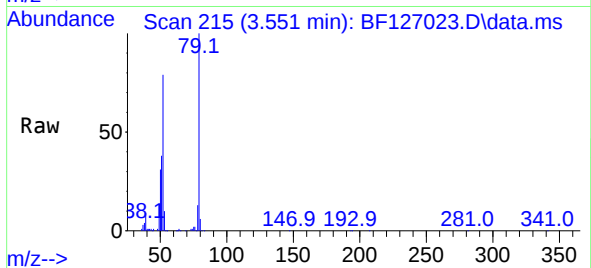
#3
Pyridine
Concen: 35.187 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

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ClientSampleId :

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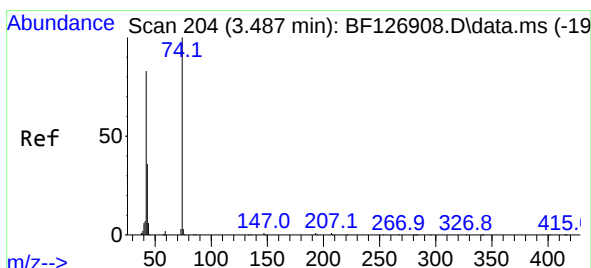
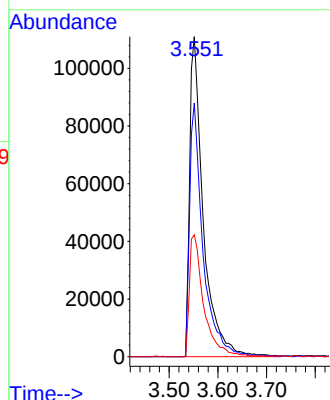
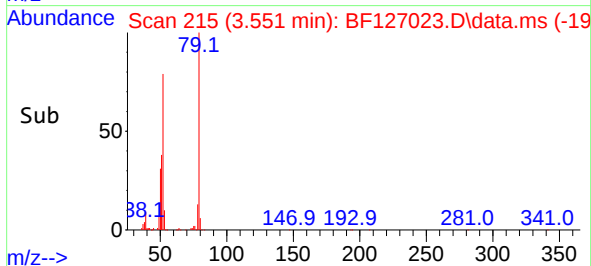


Tgt Ion: 79 Resp: 215139
Ion Ratio Lower Upper
79 100
52 79.3 56.2 84.4
51 38.1 26.7 40.1

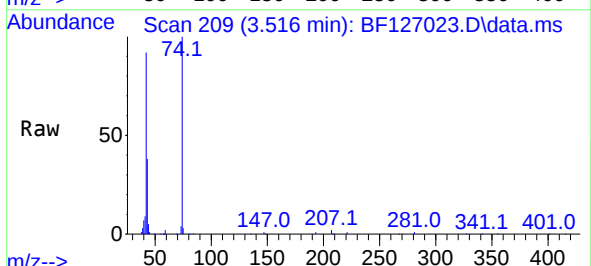
Manual Integrations

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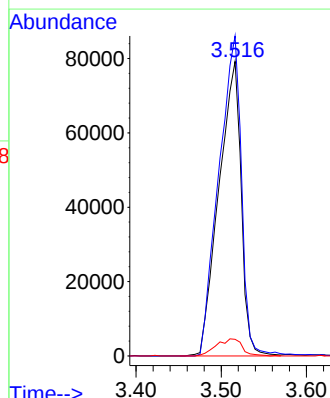
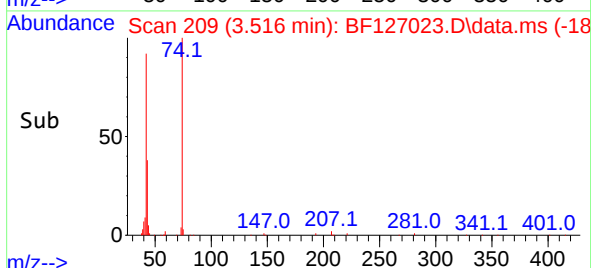
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#4
n-Nitrosodimethylamine
Concen: 48.050 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.041 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



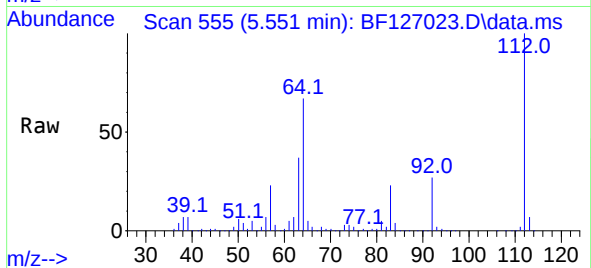
Tgt Ion: 42 Resp: 143916
Ion Ratio Lower Upper
42 100
74 108.7 125.6 188.4#
44 5.6 5.7 8.5#





#5
2-Fluorophenol
Concen: 106.495 ng
RT: 5.551 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

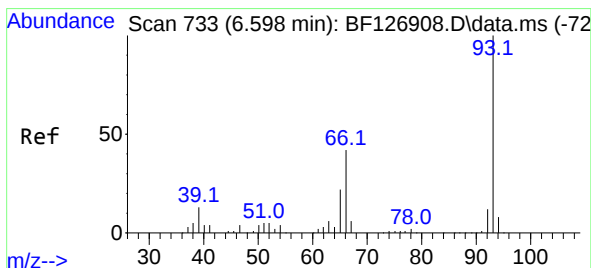
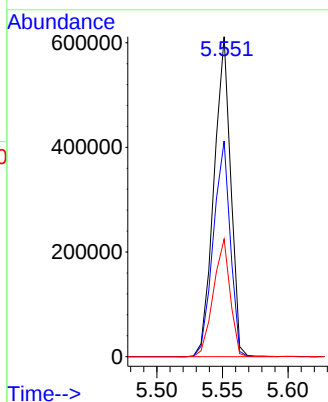
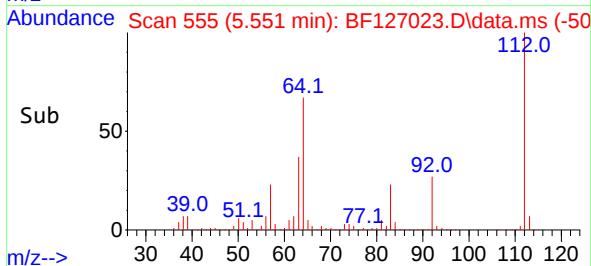
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ClientSampleId :
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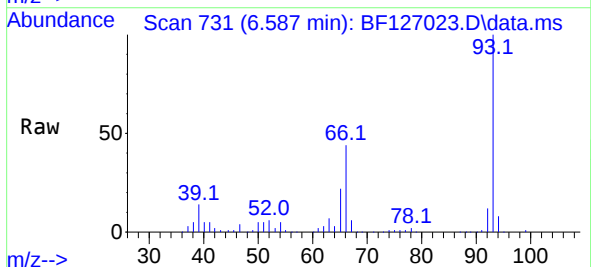
Tgt Ion:112 Resp: 542504
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 36.8 23.9 35.9

Manual Integrations
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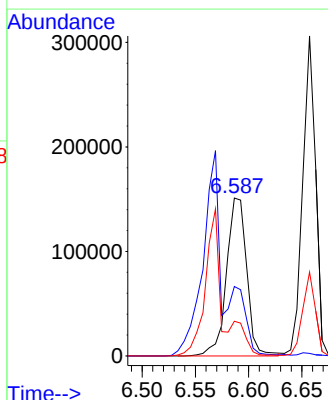
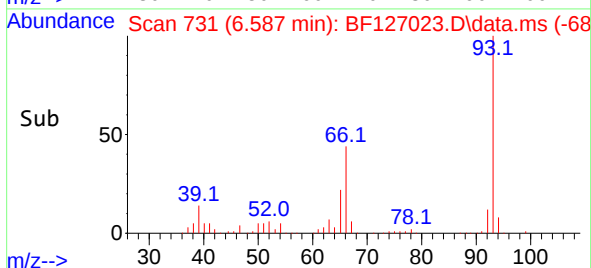
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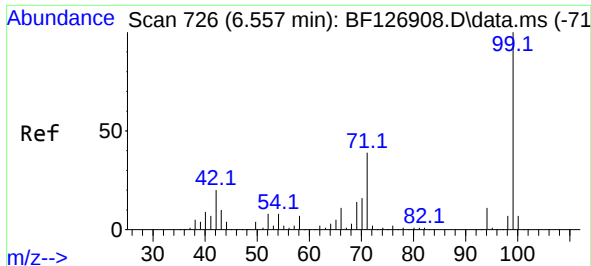


#6
Aniline
Concen: 24.639 ng
RT: 6.587 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



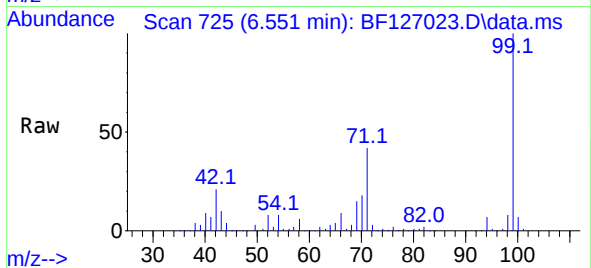
Tgt Ion: 93 Resp: 200669
Ion Ratio Lower Upper
93 100
66 44.0 32.2 48.4
65 22.0 16.3 24.5





#7
Phenol-d6
Concen: 103.608 ng
RT: 6.551 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

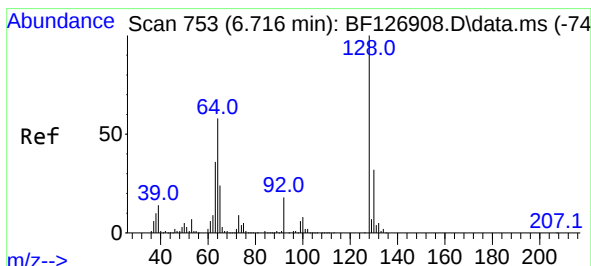
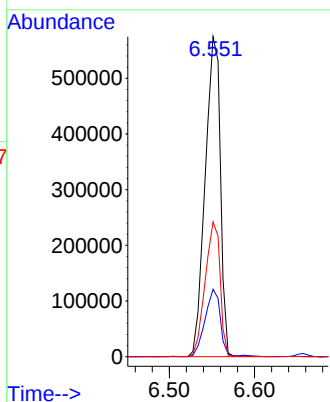
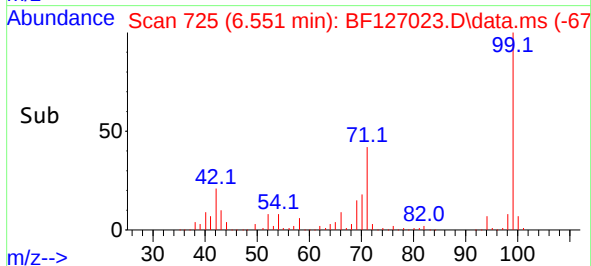
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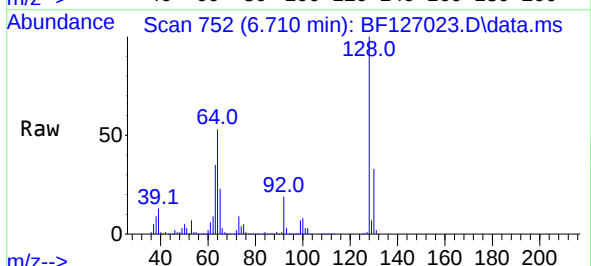
Tgt Ion: 99 Resp: 71218
Ion Ratio Lower Upper
99 100
42 21.1 14.2 21.4
71 42.1 24.3 36.5

Manual Integrations
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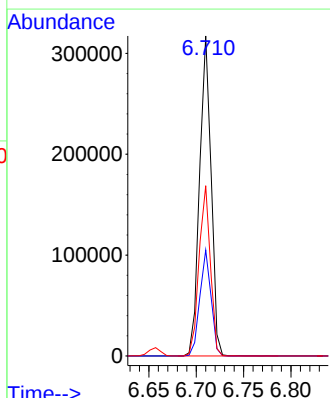
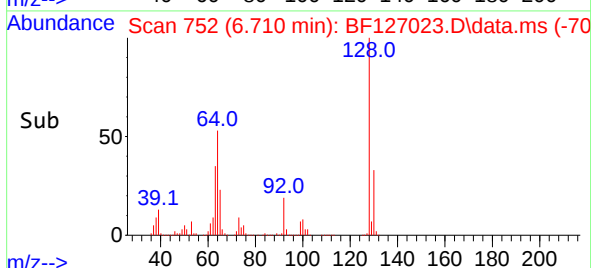
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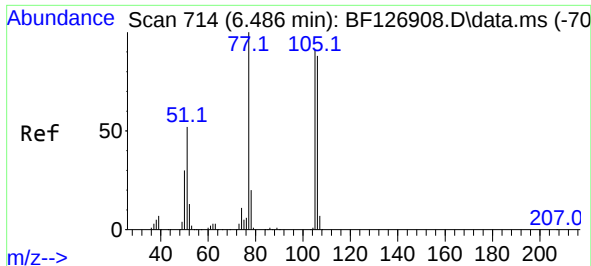


#8
2-Chlorophenol
Concen: 49.071 ng
RT: 6.710 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



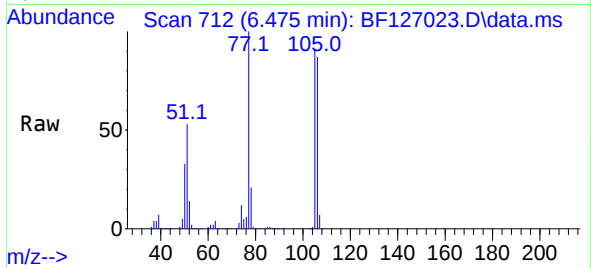
Tgt Ion:128 Resp: 268213
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 53.2 35.6 75.6





#9
Benzaldehyde
Concen: 40.310 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

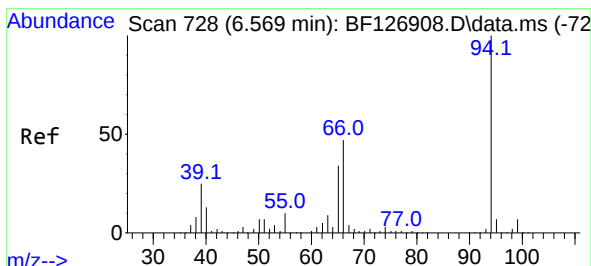
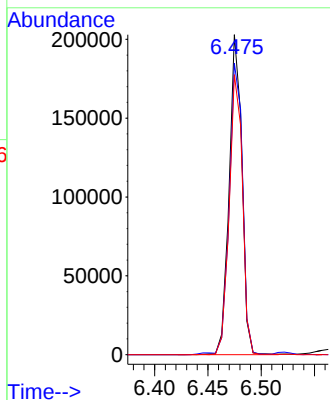
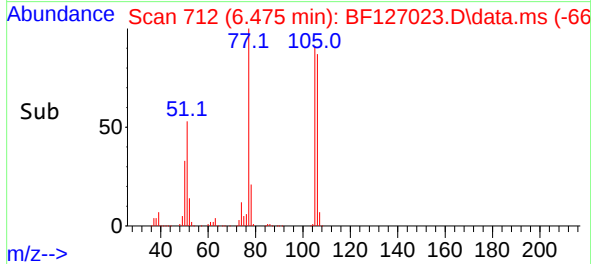
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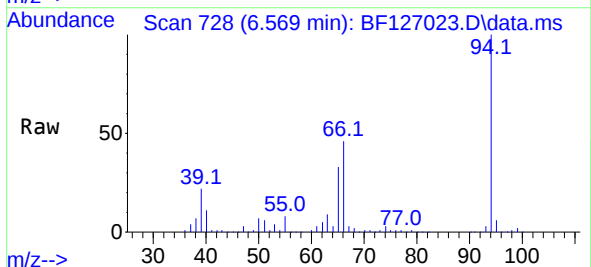
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Ion Ratio Lower Upper
77 100
105 91.1 74.9 114.9
106 87.5 72.4 112.4

Manual Integrations
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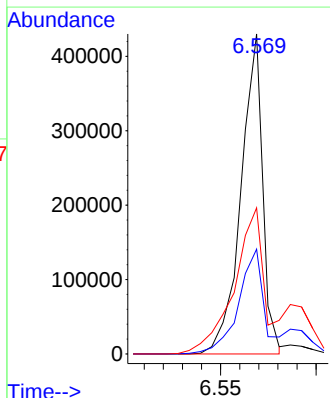
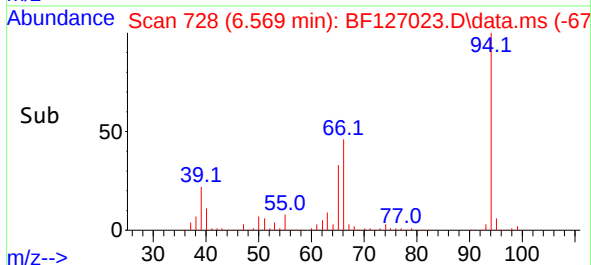
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#10
Phenol
Concen: 48.860 ng m
RT: 6.569 min Scan# 728
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



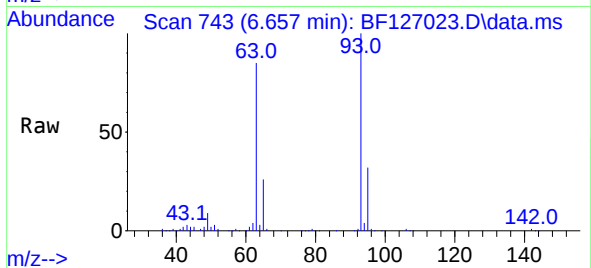
Tgt Ion: 94 Resp: 339355
Ion Ratio Lower Upper
94 100
65 32.7 7.2 47.2
66 45.7 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 47.260 ng
RT: 6.657 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

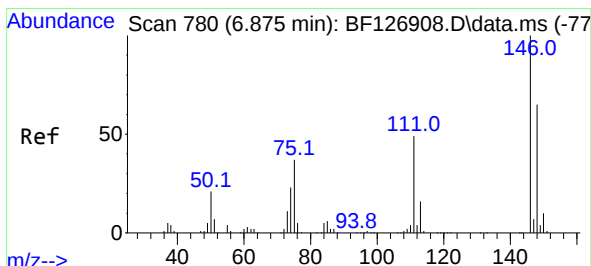
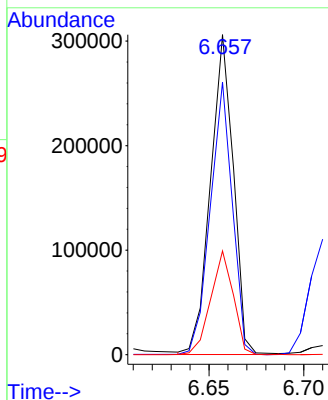
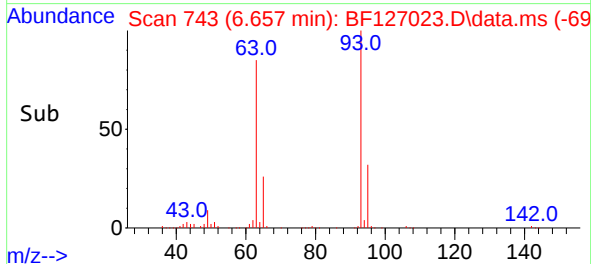
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



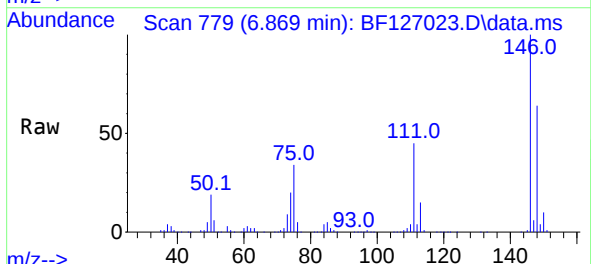
Tgt Ion: 93 Resp: 25745
Ion Ratio Lower Upper
93 100
63 85.2 60.5 100.5
95 32.4 12.9 52.9

Manual Integrations
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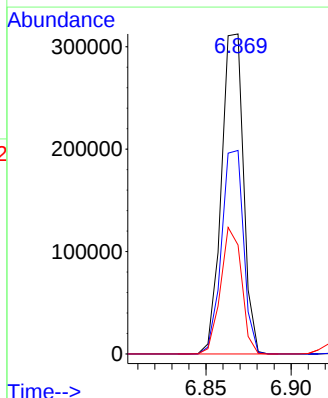
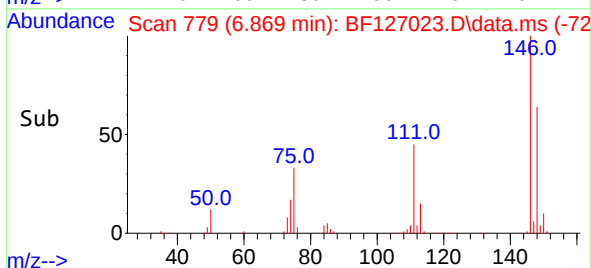
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



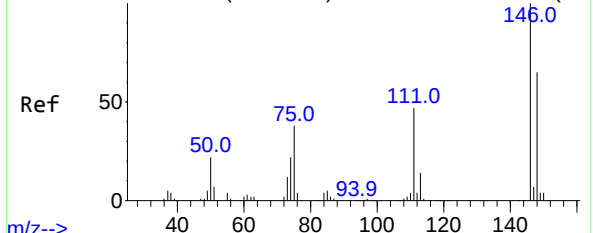
#12
1,3-Dichlorobenzene
Concen: 47.748 ng
RT: 6.869 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:146 Resp: 281528
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 34.1 28.4 42.6

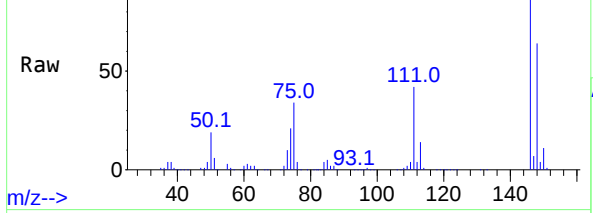


Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-78)



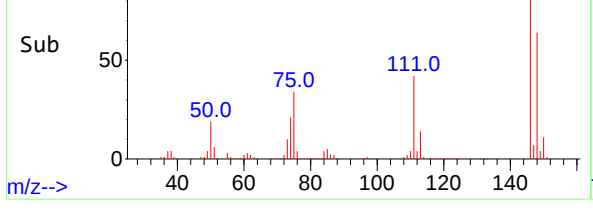
m/z-->

Abundance Scan 792 (6.945 min): BF127023.D\data.ms



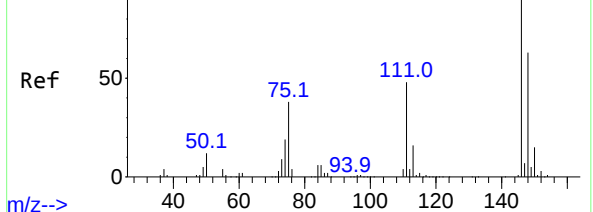
m/z-->

Abundance Scan 792 (6.945 min): BF127023.D\data.ms (-74)



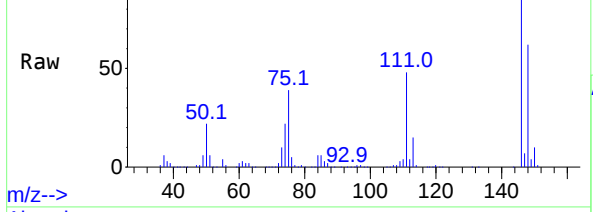
m/z-->

Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-81)



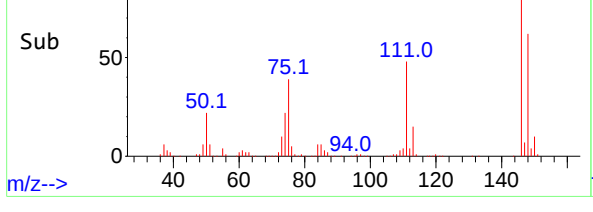
m/z-->

Abundance Scan 817 (7.092 min): BF127023.D\data.ms



m/z-->

Abundance Scan 817 (7.092 min): BF127023.D\data.ms (-76)



m/z-->

#13

1,4-Dichlorobenzene

Concen: 47.718 ng

RT: 6.945 min Scan# 793

Delta R.T. 0.006 min

Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

Tgt Ion:146 Resp: 28523

Ion Ratio Lower Upper

146 100

148 64.0 49.8 74.6

111 42.2 36.1 54.1

Instrument :

BNA_F

ClientSampleId :

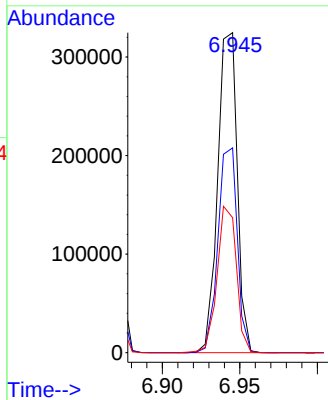
TR-05-02182MSD

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#14

1,2-Dichlorobenzene

Concen: 47.388 ng

RT: 7.092 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

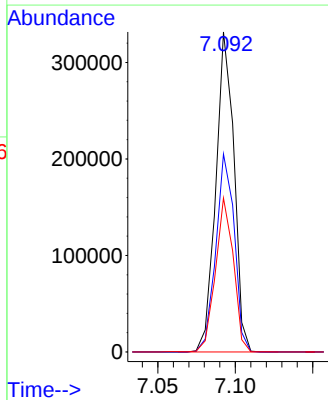
Tgt Ion:146 Resp: 270126

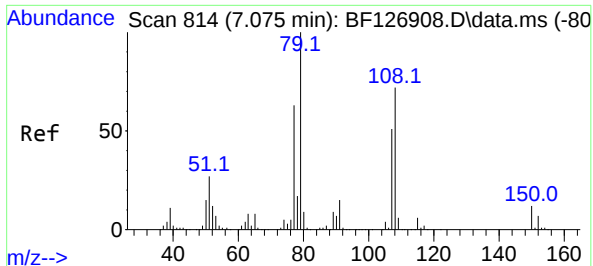
Ion Ratio Lower Upper

146 100

148 61.8 51.6 77.4

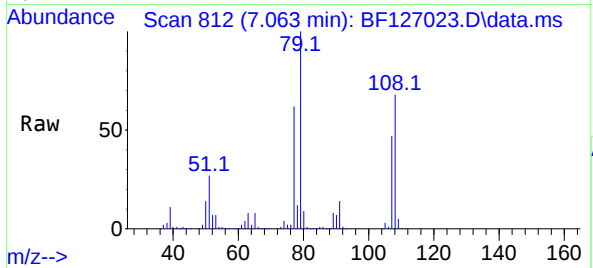
111 48.1 40.2 60.2





#15
Benzyl Alcohol
Concen: 45.351 ng
RT: 7.063 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

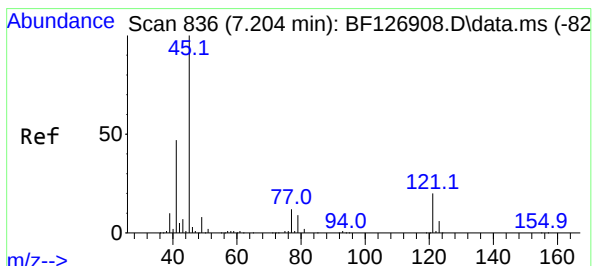
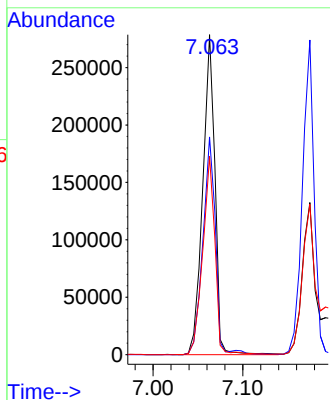
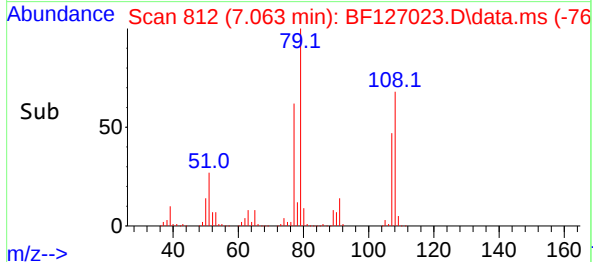
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



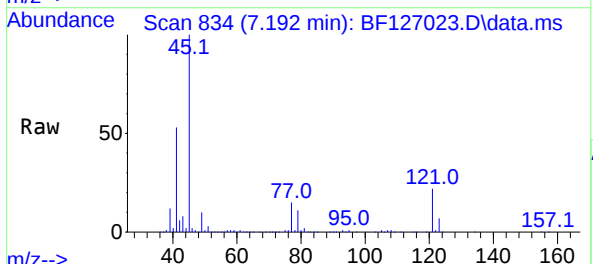
Tgt Ion: 79 Resp: 26262
Ion Ratio Lower Upper
79 100
108 68.1 63.2 94.8
77 62.0 49.4 74.2

Manual Integrations
APPROVED

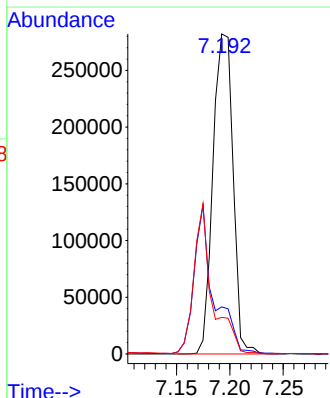
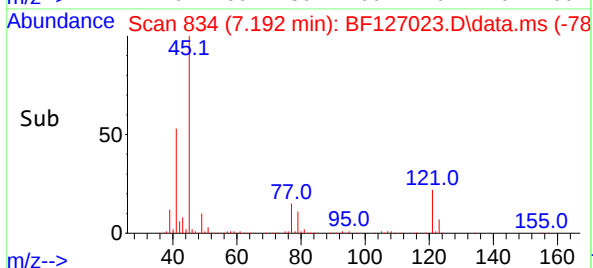
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

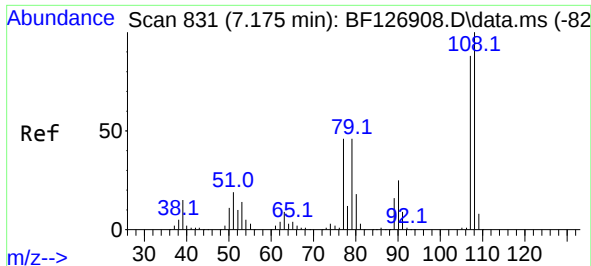


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.988 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



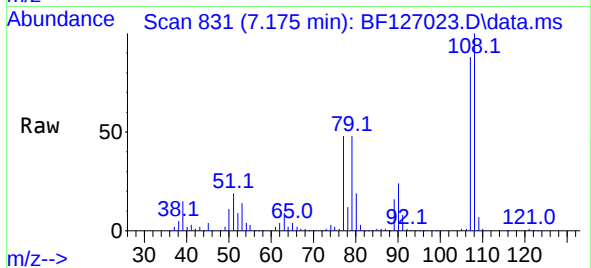
Tgt Ion: 45 Resp: 368760
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.4
79 11.4 0.0 29.8





#17
2-Methylphenol
Concen: 46.250 ng
RT: 7.175 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

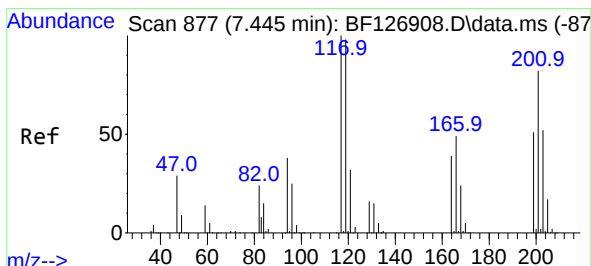
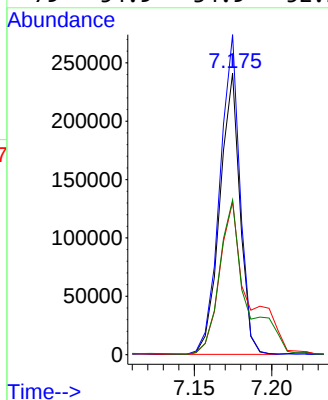
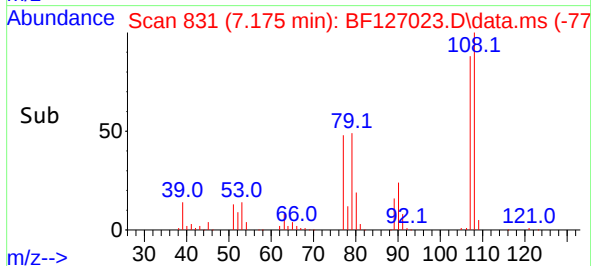
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



Tgt Ion:107 Resp: 218714
Ion Ratio Lower Upper
107 100
108 113.6 93.4 140.0
77 54.3 36.1 54.1
79 54.9 34.9 52.3

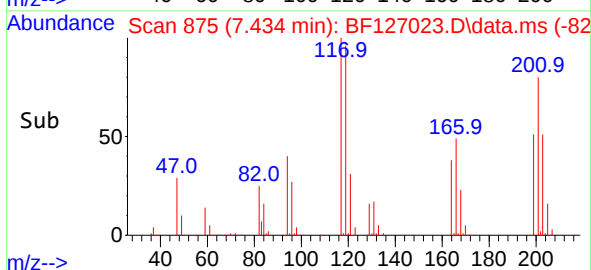
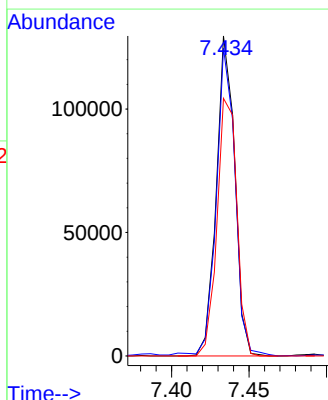
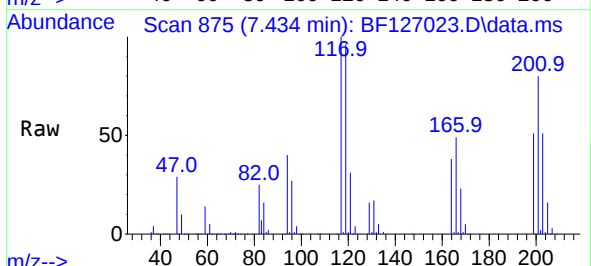
Manual Integrations
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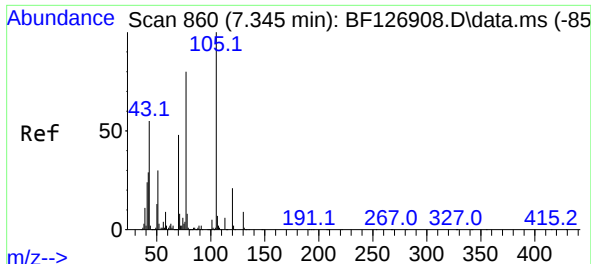
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#18
Hexachloroethane
Concen: 46.742 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

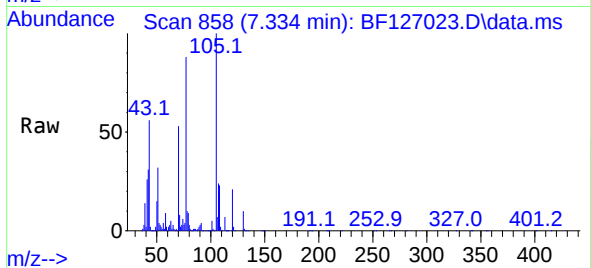
Tgt Ion:117 Resp: 107096
Ion Ratio Lower Upper
117 100
119 96.2 75.4 113.0
201 80.5 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.714 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

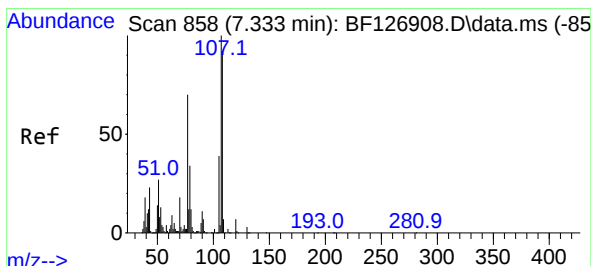
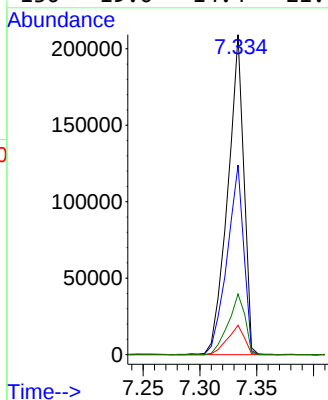
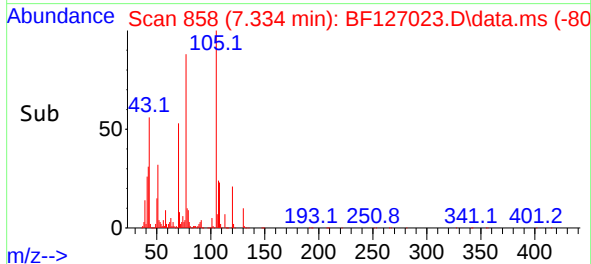
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



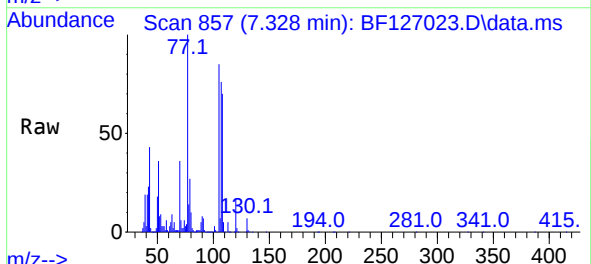
Tgt Ion: 70 Resp: 206912
Ion Ratio Lower Upper
70 100
42 59.2 45.8 68.8
101 9.2 6.9 10.3
130 19.0 14.4 21.6

Manual Integrations
APPROVED

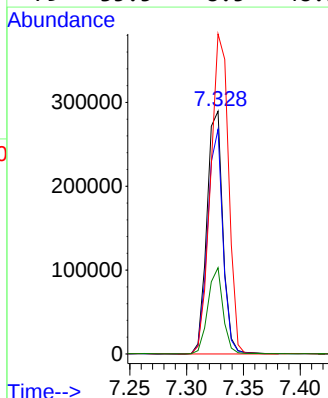
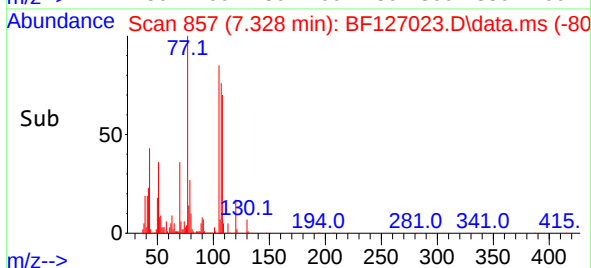
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

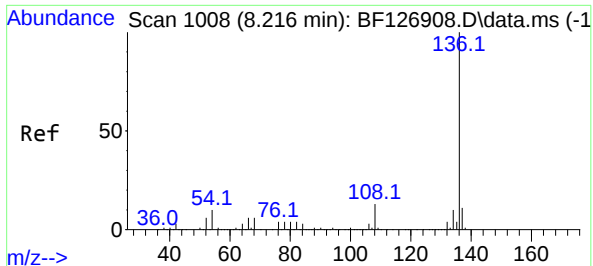


#20
3+4-Methylphenols
Concen: 46.177 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



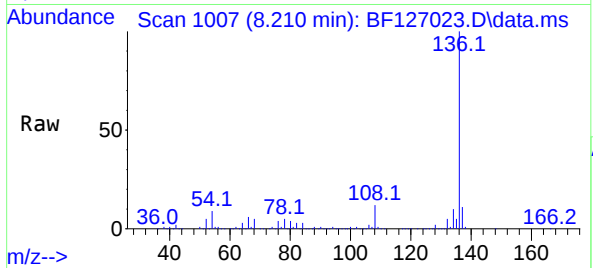
Tgt Ion:107 Resp: 283558
Ion Ratio Lower Upper
107 100
108 92.5 72.4 112.4
77 131.8 83.8 123.8#
79 35.5 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

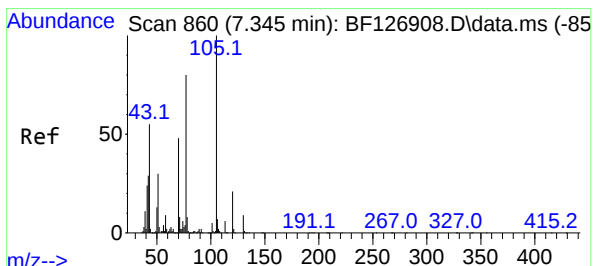
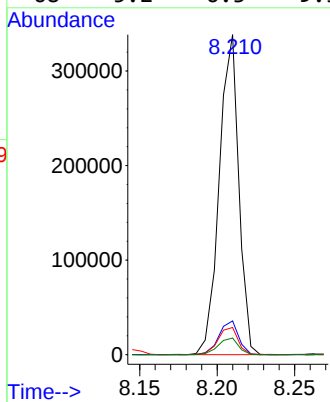
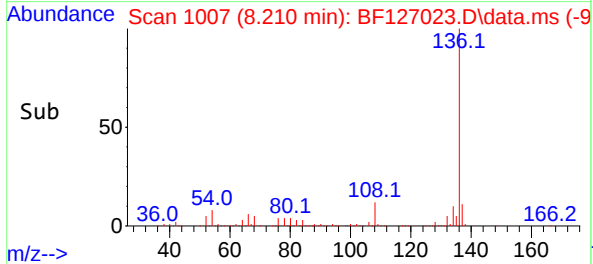
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



Tgt Ion:136 Resp: 296450
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.5 7.8 11.6
68 5.2 6.3 9.5#

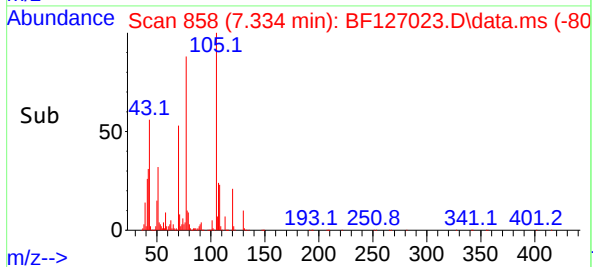
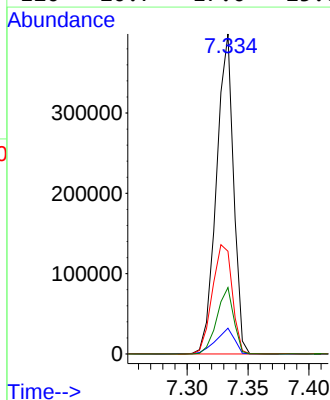
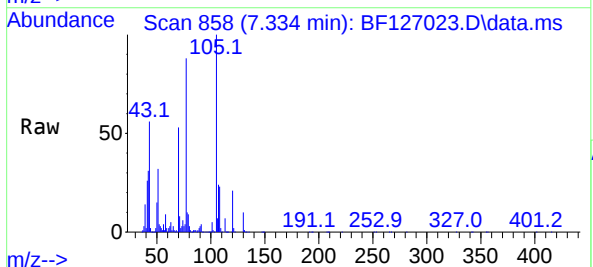
Manual Integrations
APPROVED

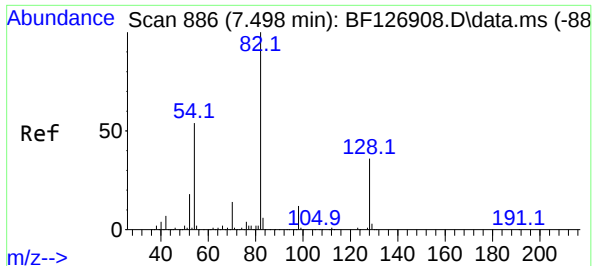
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#22
Acetophenone
Concen: 50.057 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Tgt Ion:105 Resp: 390720
Ion Ratio Lower Upper
105 100
71 8.0 5.4 8.0#
51 32.1 27.4 41.0
120 20.7 17.0 25.6





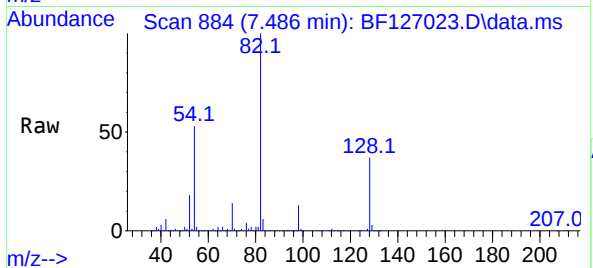
#23
Nitrobenzene-d5
Concen: 76.193 ng
RT: 7.486 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MSD

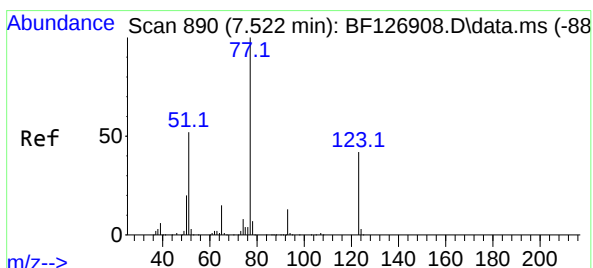
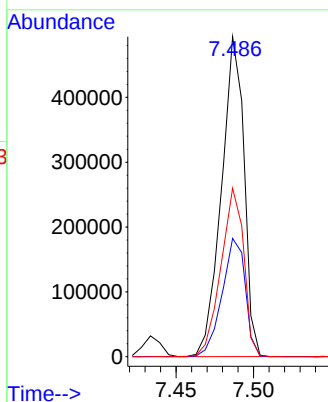
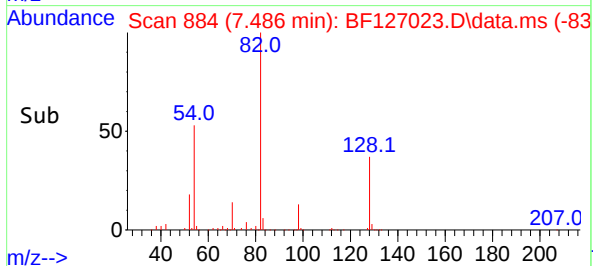


Tgt Ion: 82 Resp: 500427
Ion Ratio Lower Upper
82 100
128 37.0 32.7 49.1
54 52.7 41.7 62.5

Manual Integrations

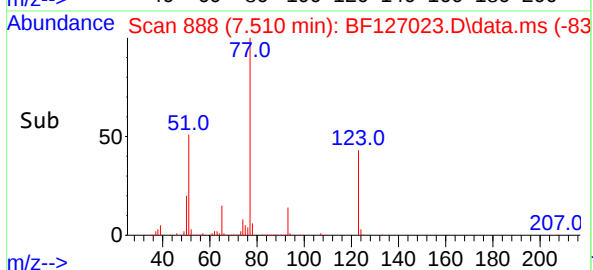
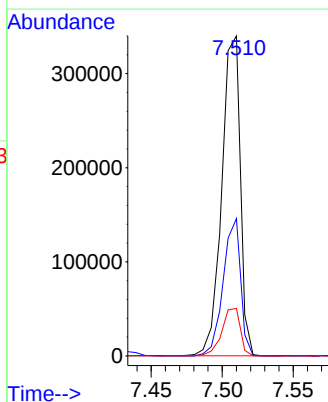
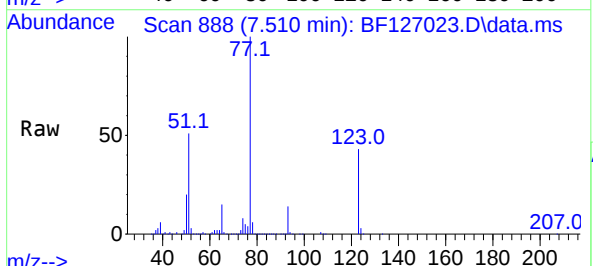
APPROVED

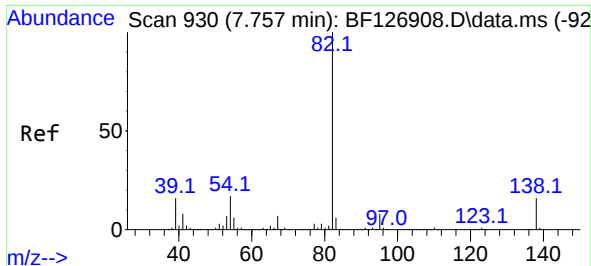
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#24
Nitrobenzene
Concen: 49.798 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

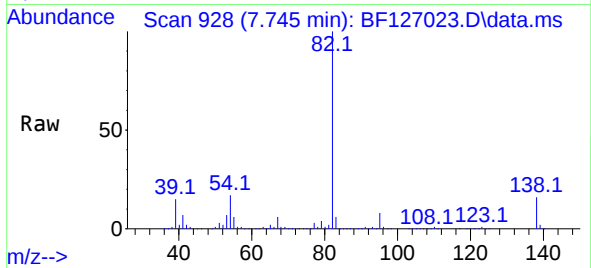
Tgt Ion: 77 Resp: 308974
Ion Ratio Lower Upper
77 100
123 42.9 34.6 52.0
65 14.9 10.6 15.8





#25
Isophorone
Concen: 49.714 ng
RT: 7.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

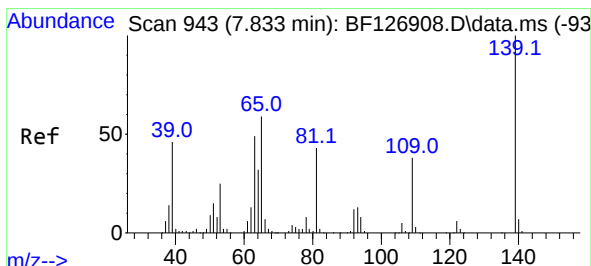
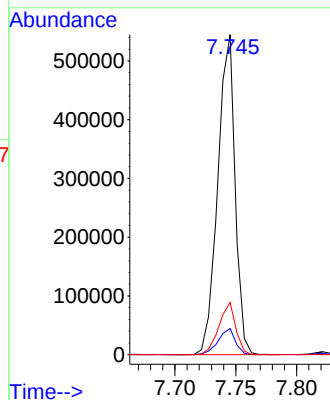
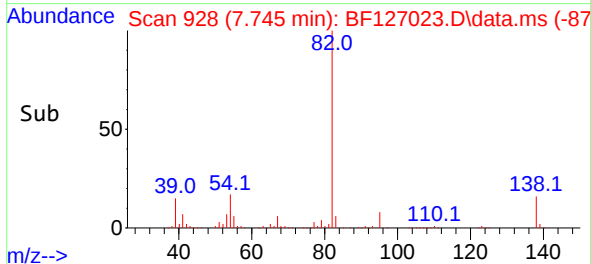
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



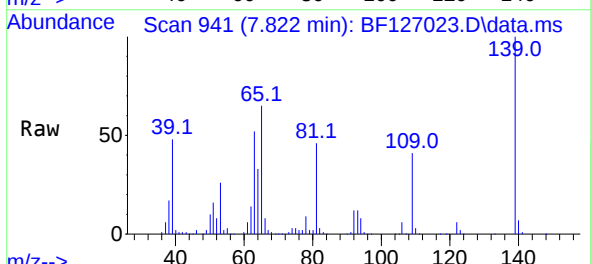
Tgt Ion: 82 Resp: 54029
Ion Ratio Lower Upper
82 100
95 8.2 5.0 7.4
138 16.4 12.3 18.5

Manual Integrations
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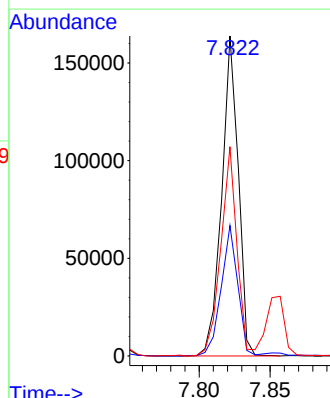
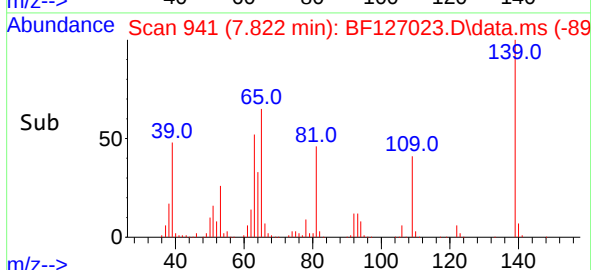
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

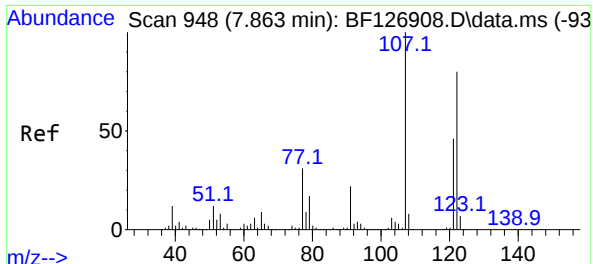


#26
2-Nitrophenol
Concen: 50.211 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:139 Resp: 132640
Ion Ratio Lower Upper
139 100
109 40.8 20.0 30.0#
65 65.4 40.8 61.2#





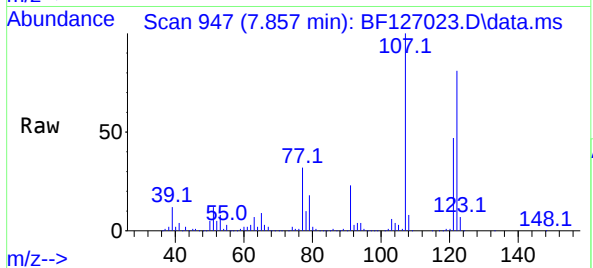
#27
2,4-Dimethylphenol
Concen: 54.707 ng m
RT: 7.857 min Scan# 948
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MSD

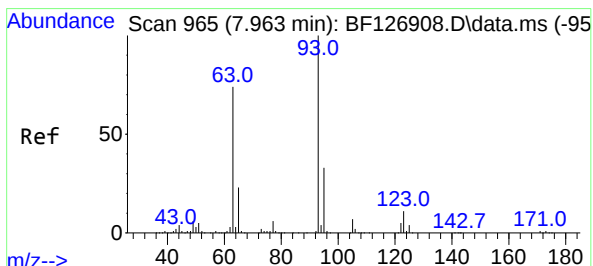
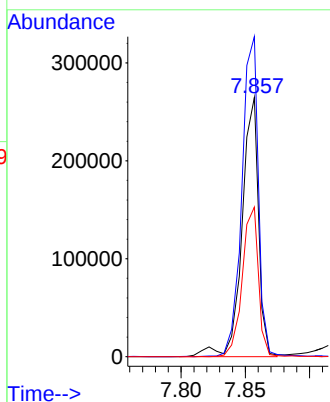
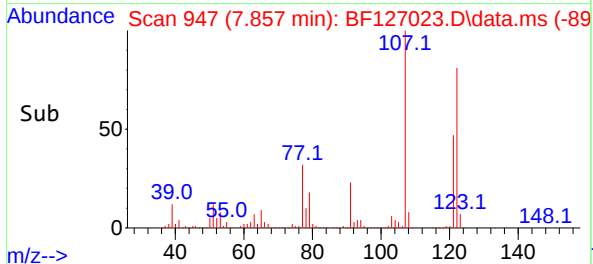


Tgt Ion:122 Resp: 23741
Ion Ratio Lower Upper
122 100
107 123.5 91.2 136.8
121 57.7 44.4 66.6

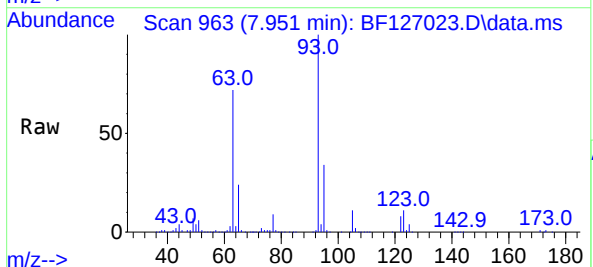
Manual Integrations

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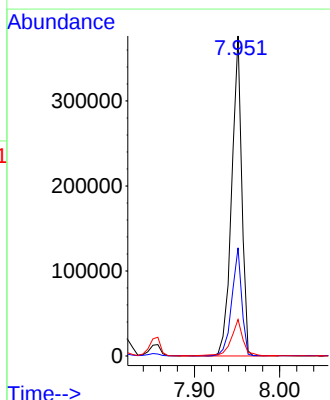
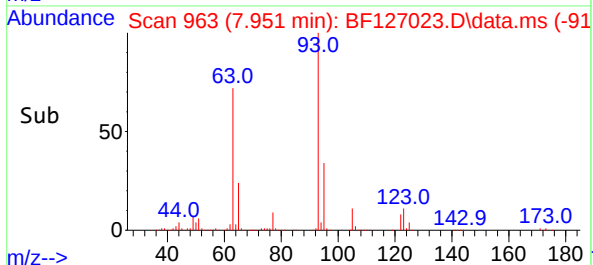
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

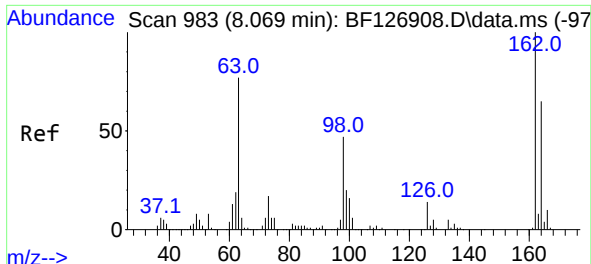


#28
bis(2-Chloroethoxy)methane
Concen: 46.958 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion: 93 Resp: 309394
Ion Ratio Lower Upper
93 100
95 33.8 25.4 38.2
123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 46.922 ng

RT: 8.063 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MSD

Tgt Ion:162 Resp: 19144

Ion Ratio Lower Upper

162 100

164 62.6 43.8 83.8

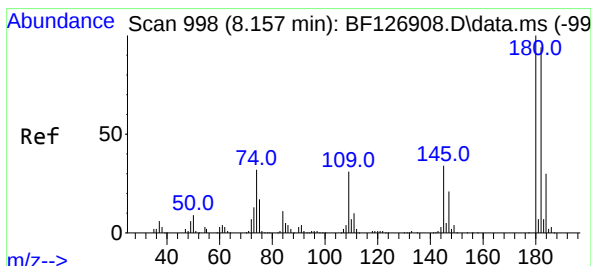
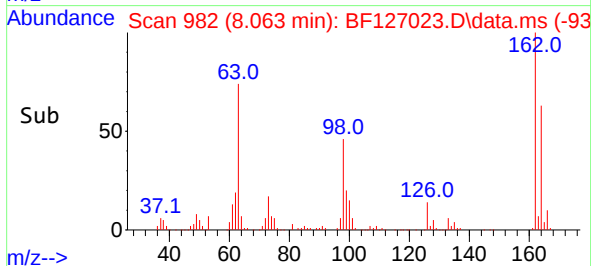
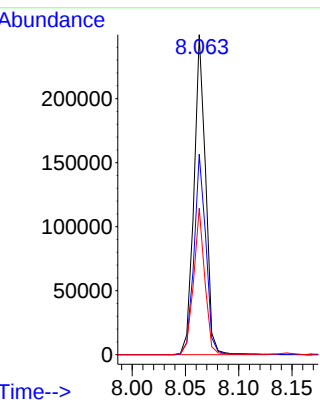
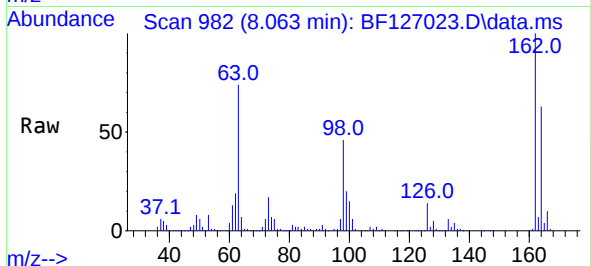
98 45.8 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.180 ng

RT: 8.145 min Scan# 996

Delta R.T. -0.000 min

Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

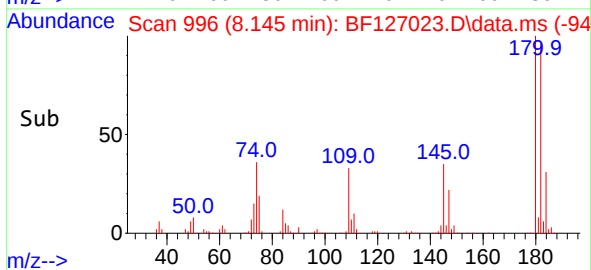
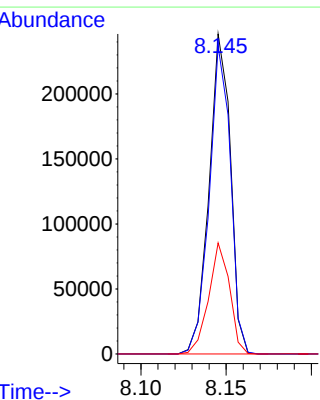
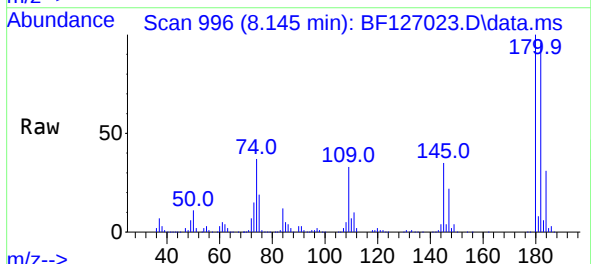
Tgt Ion:180 Resp: 215211

Ion Ratio Lower Upper

180 100

182 96.3 75.5 113.3

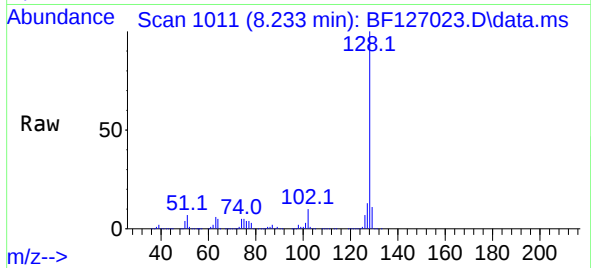
145 34.7 26.2 39.2





#31
Naphthalene
Concen: 47.143 ng
RT: 8.233 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

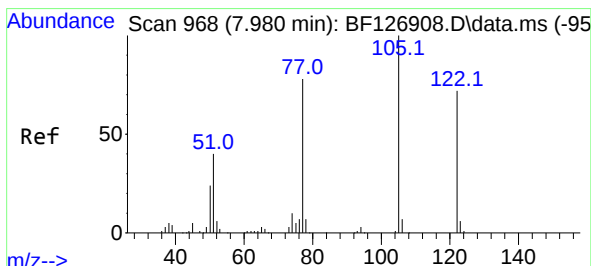
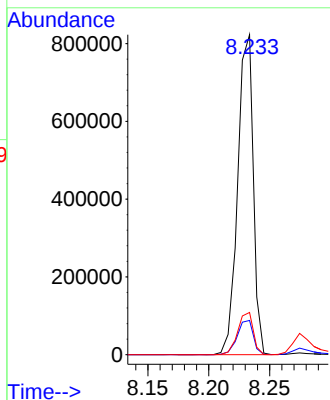
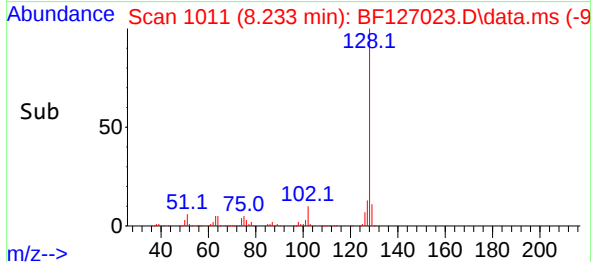
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



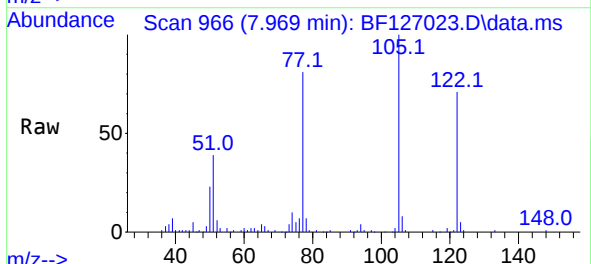
Tgt Ion:128 Resp: 72955
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.3 15.5

Manual Integrations
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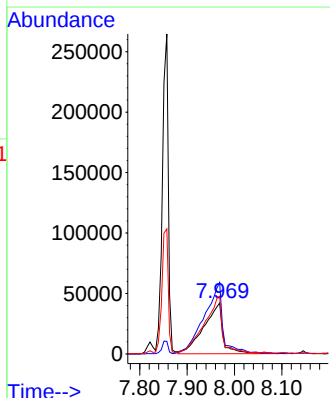
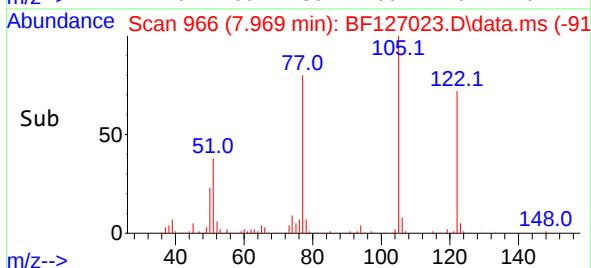
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

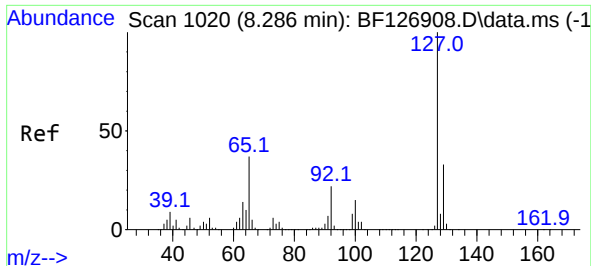


#32
Benzoic acid
Concen: 38.913 ng
RT: 7.969 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:122 Resp: 119762
Ion Ratio Lower Upper
122 100
105 140.1 101.0 141.0
77 113.4 74.5 114.5





#33
4-Chloroaniline
Concen: 10.942 ng
RT: 8.275 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

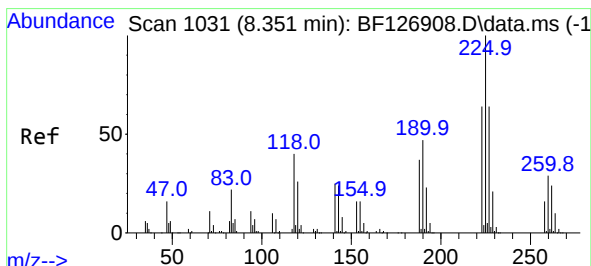
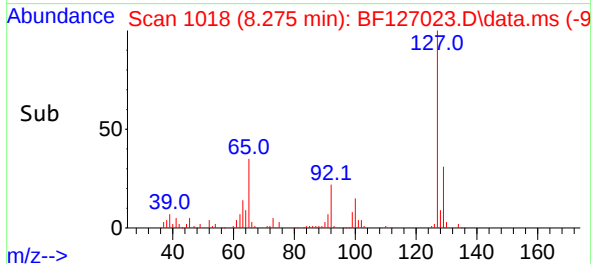
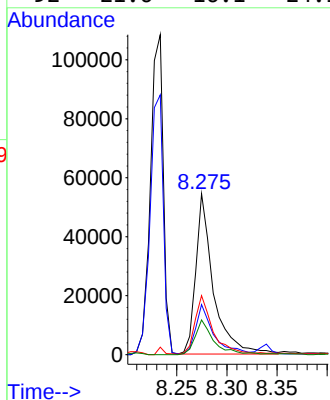
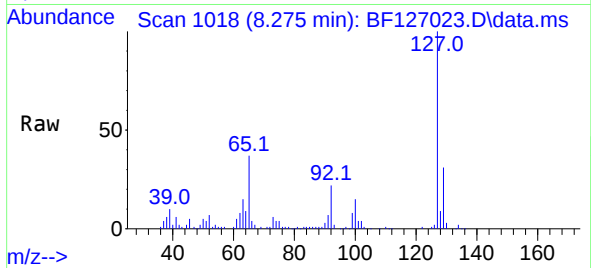
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD

Tgt Ion:127 Resp: 66649

Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.5	39.7
65	36.7	26.6	39.8
92	21.6	16.1	24.1

Manual Integrations
APPROVED

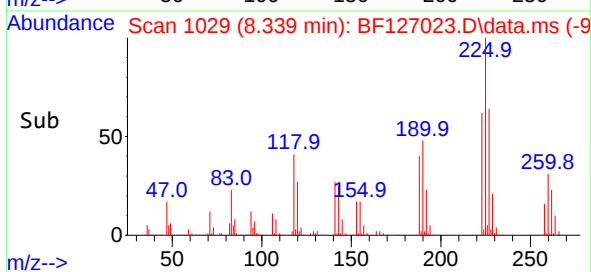
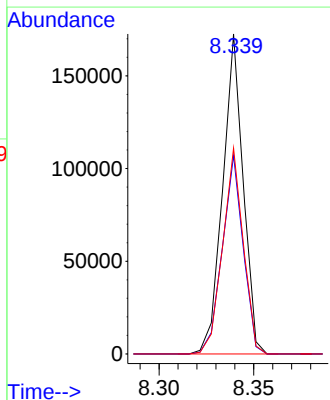
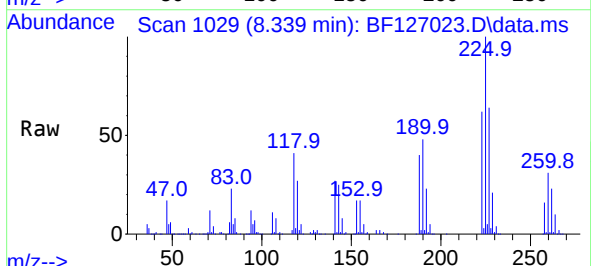
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

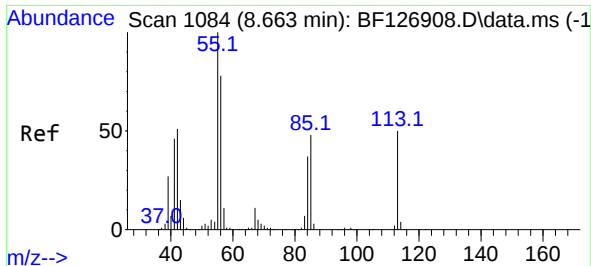


#34
Hexachlorobutadiene
Concen: 48.543 ng
RT: 8.339 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Tgt Ion:225 Resp: 129272

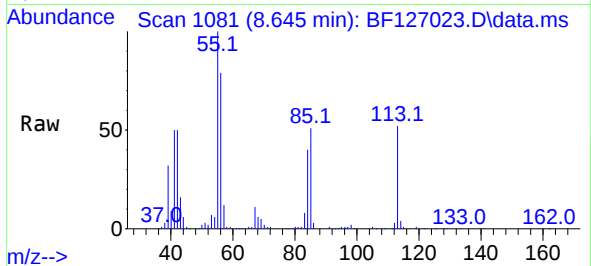
Ion	Ratio	Lower	Upper
225	100		
223	62.0	48.6	73.0
227	64.4	51.4	77.0





#35
Caprolactam
Concen: 43.298 ng m
RT: 8.645 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

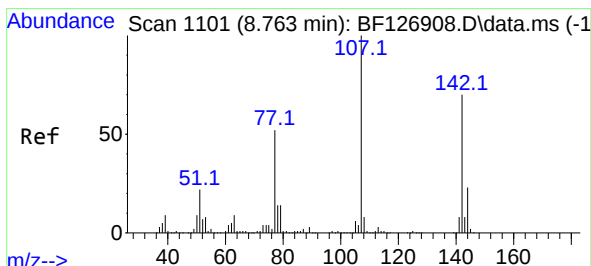
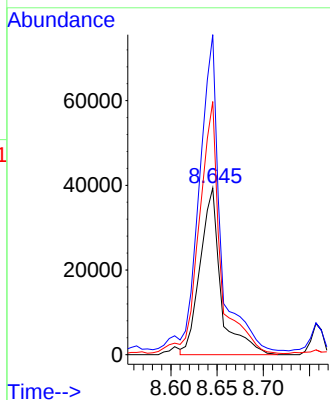
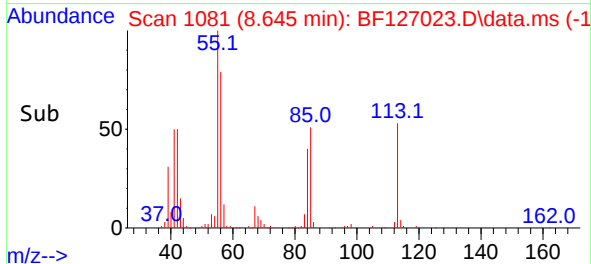
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



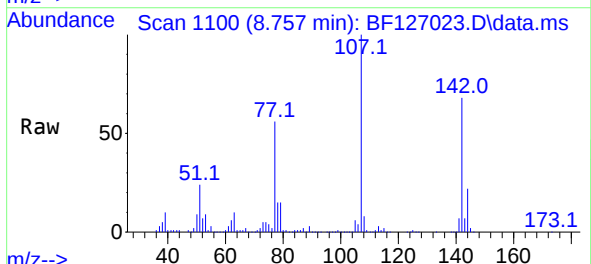
Tgt Ion:113 Resp: 6169
Ion Ratio Lower Upper
113 100
55 192.0 183.9 223.9
56 151.9 129.9 169.9

Manual Integrations
APPROVED

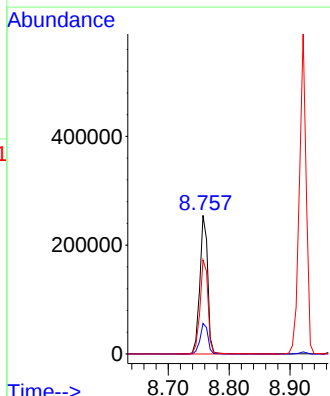
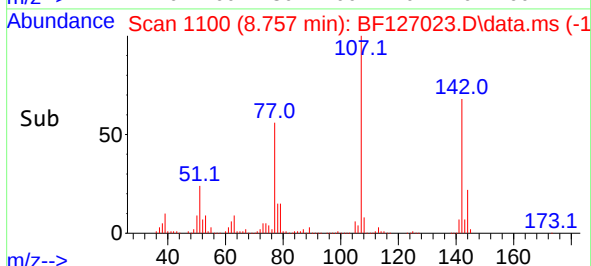
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

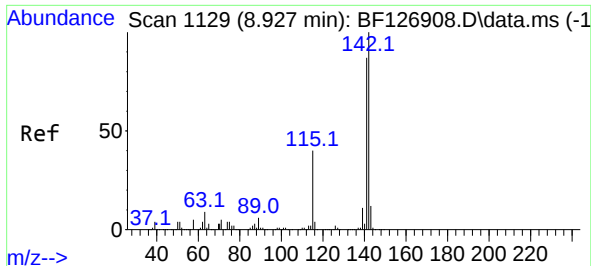


#36
4-Chloro-3-methylphenol
Concen: 44.132 ng
RT: 8.757 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:107 Resp: 230120
Ion Ratio Lower Upper
107 100
144 22.1 18.5 27.7
142 67.8 58.1 87.1





#37

2-Methylnaphthalene

Concen: 45.671 ng

RT: 8.922 min Scan# 1129

Delta R.T. 0.006 min

Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MSD

Tgt Ion:142 Resp: 458614

Ion Ratio Lower Upper

142 100

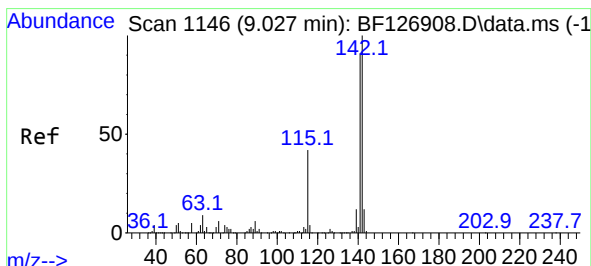
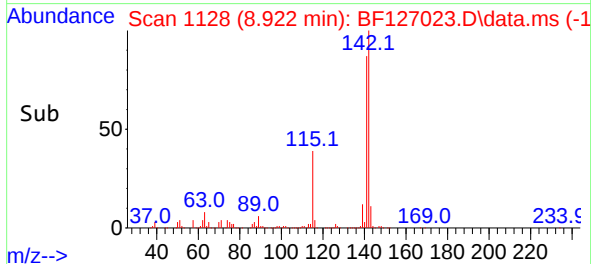
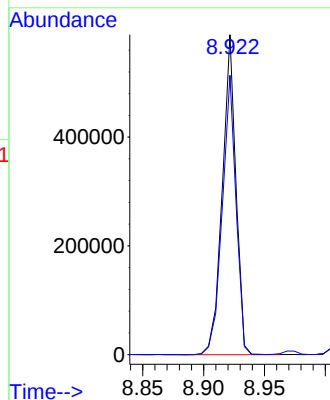
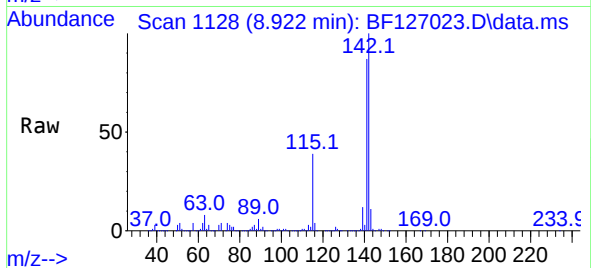
141 87.3 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#38

1-Methylnaphthalene

Concen: 44.295 ng

RT: 9.022 min Scan# 1145

Delta R.T. 0.006 min

Lab File: BF127023.D

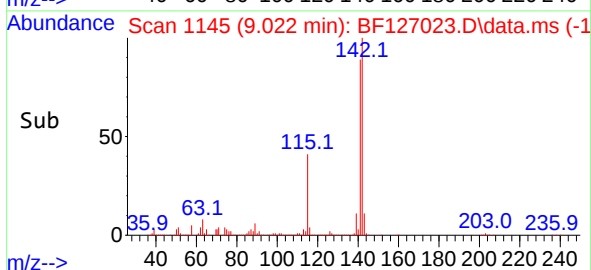
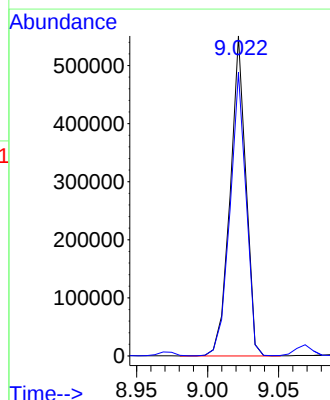
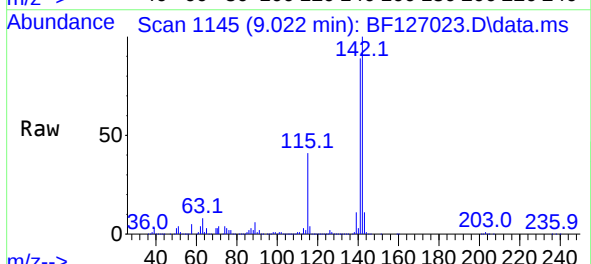
Acq: 22 Feb 2022 22:12

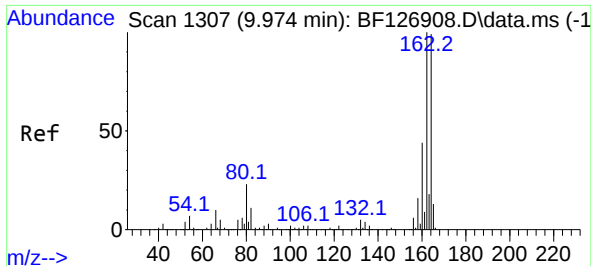
Tgt Ion:142 Resp: 425944

Ion Ratio Lower Upper

142 100

141 88.6 72.1 108.1





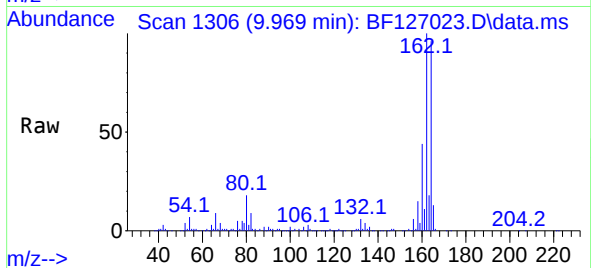
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MSD

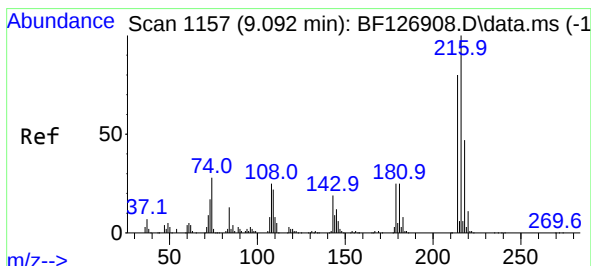
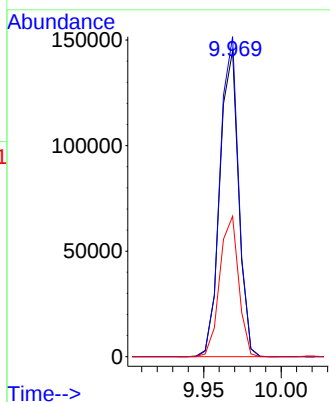
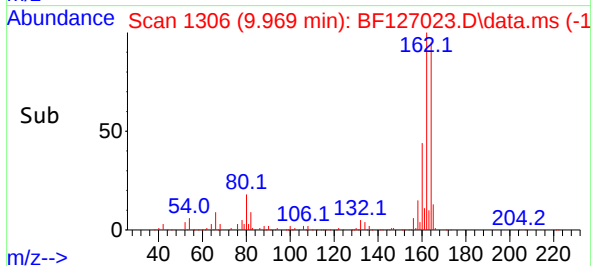


Tgt Ion:164 Resp: 122330
Ion Ratio Lower Upper
164 100
162 104.5 81.4 122.0
160 45.9 36.6 54.8

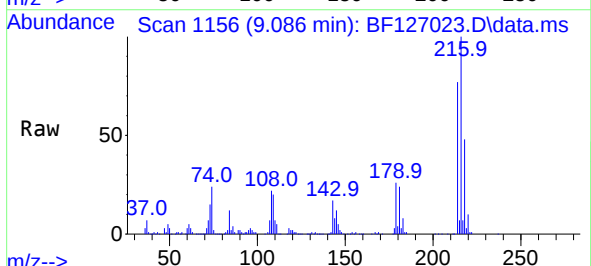
Manual Integrations

APPROVED

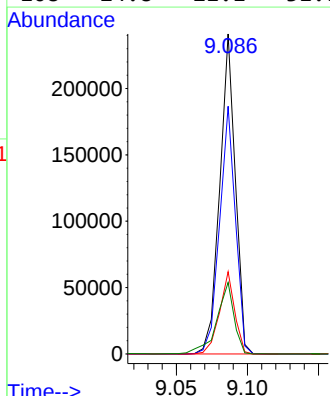
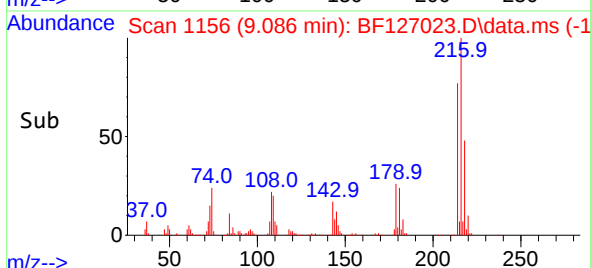
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

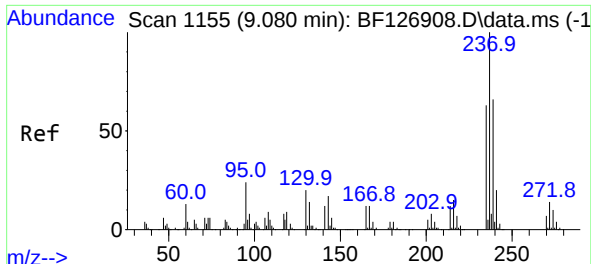


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.960 ng
RT: 9.086 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



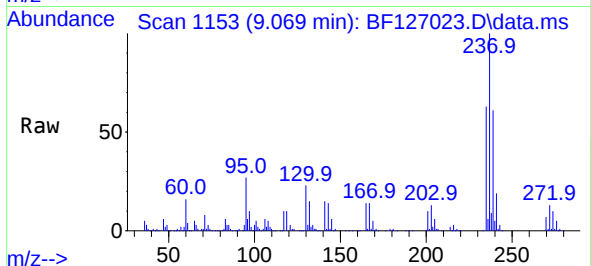
Tgt Ion:216 Resp: 183431
Ion Ratio Lower Upper
216 100
214 78.4 64.6 96.8
179 25.1 19.5 29.3
108 24.8 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 59.702 ng
RT: 9.069 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

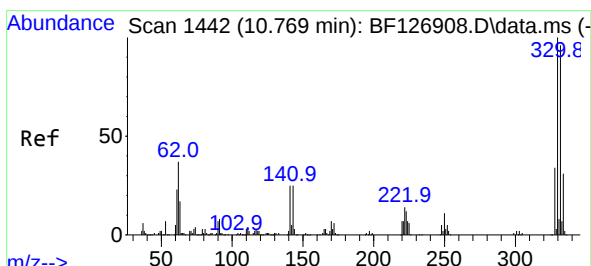
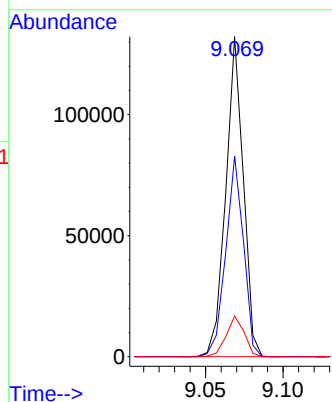
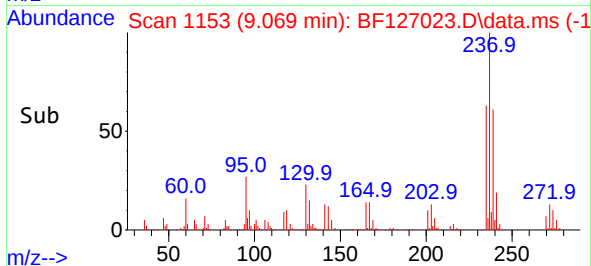
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



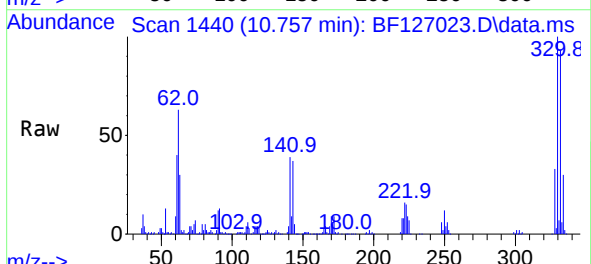
Tgt Ion:237 Resp: 104274
Ion Ratio Lower Upper
237 100
235 62.7 38.9 78.9
272 12.7 0.0 33.5

Manual Integrations
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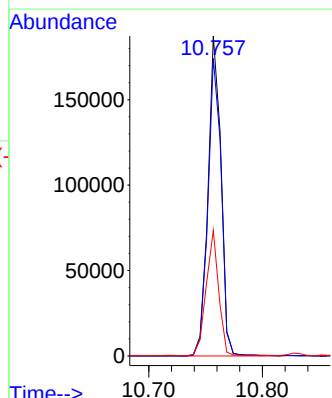
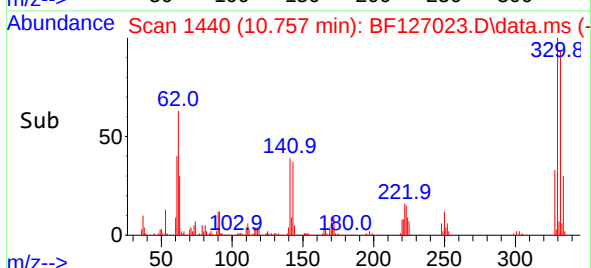
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

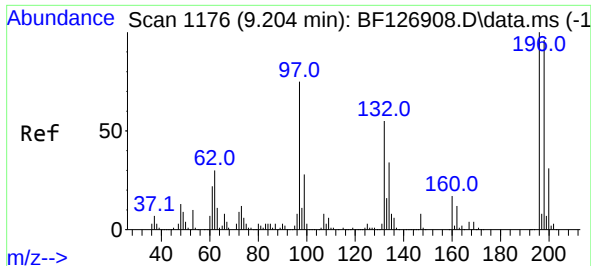


#42
2,4,6-Tribromophenol
Concen: 105.570 ng
RT: 10.757 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:330 Resp: 148699
Ion Ratio Lower Upper
330 100
332 94.4 76.0 114.0
141 37.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 51.372 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

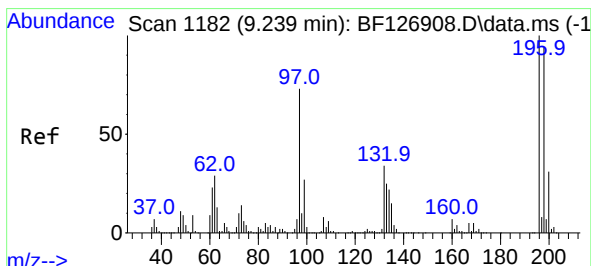
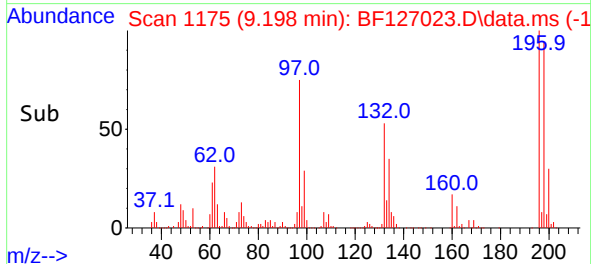
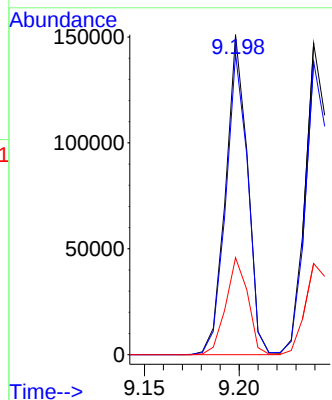
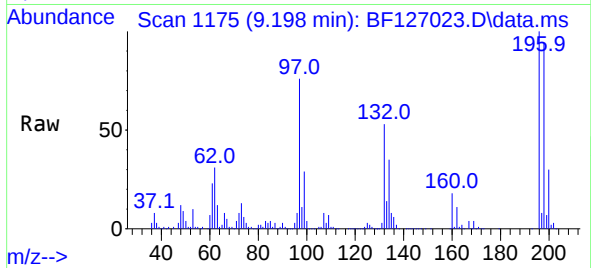
TR-05-02182MSD

Tgt Ion:196 Resp: 12133
Ion Ratio Lower Upper
196 100
198 94.0 78.5 117.7
200 30.3 24.9 37.3

Manual Integrations

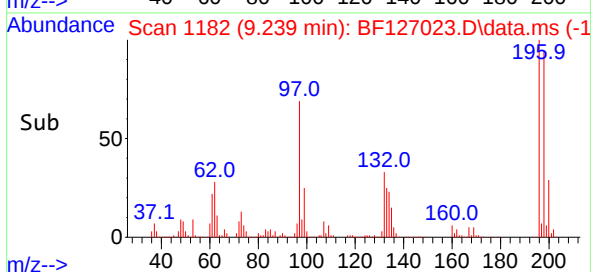
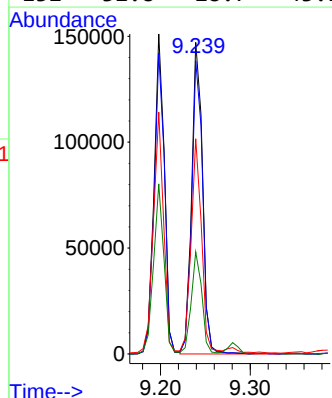
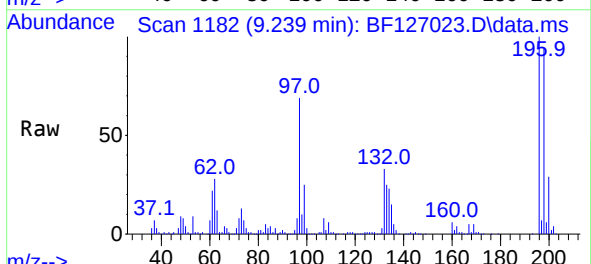
APPROVED

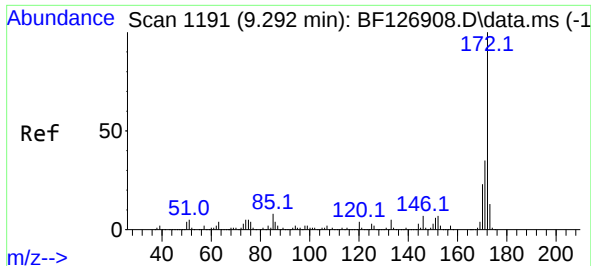
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#44
2,4,5-Trichlorophenol
Concen: 50.177 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

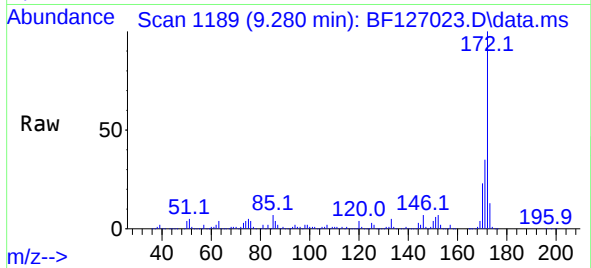
Tgt Ion:196 Resp: 124711
Ion Ratio Lower Upper
196 100
198 94.1 82.0 123.0
97 69.0 53.5 80.3
132 32.8 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 82.966 ng
RT: 9.280 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

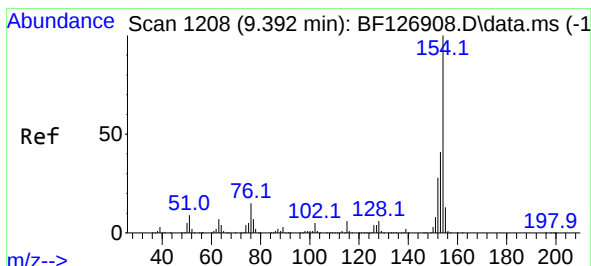
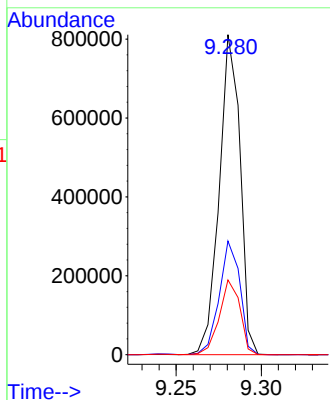
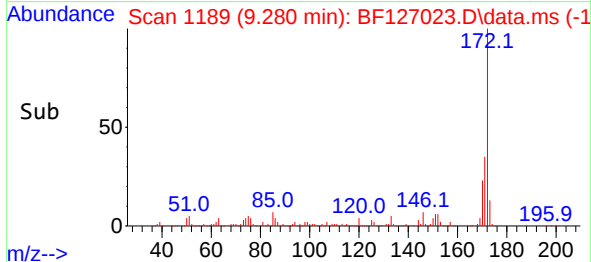
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



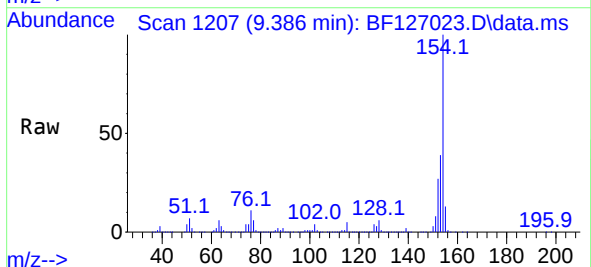
Tgt Ion:172 Resp: 689440
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations
APPROVED

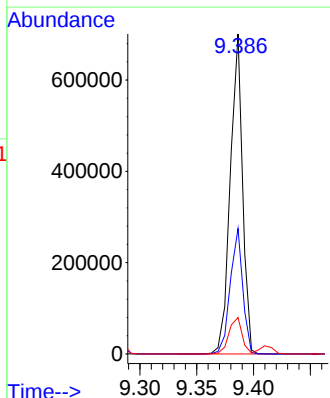
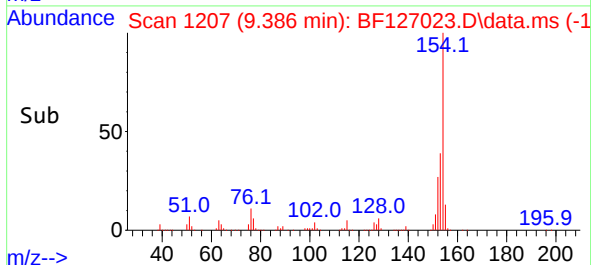
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#46
1,1'-Biphenyl
Concen: 54.548 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:154 Resp: 528706
Ion Ratio Lower Upper
154 100
153 39.2 19.0 59.0
76 11.4 0.0 34.5





#47
2-Chloronaphthalene
Concen: 51.333 ng
RT: 9.410 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

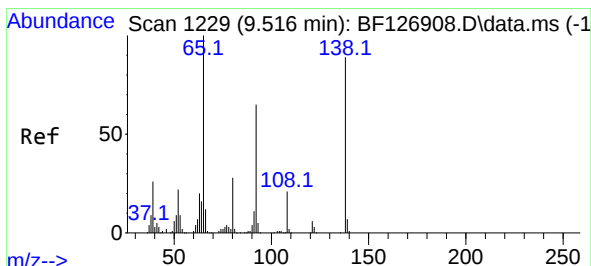
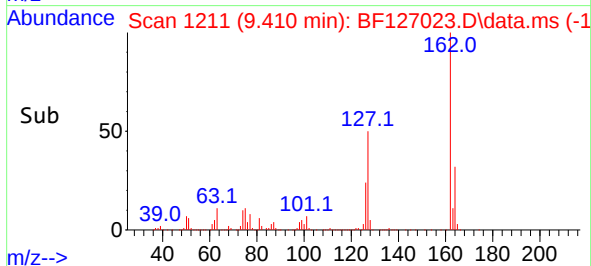
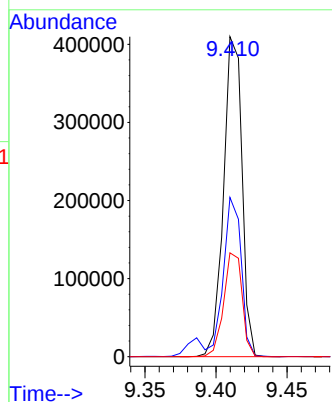
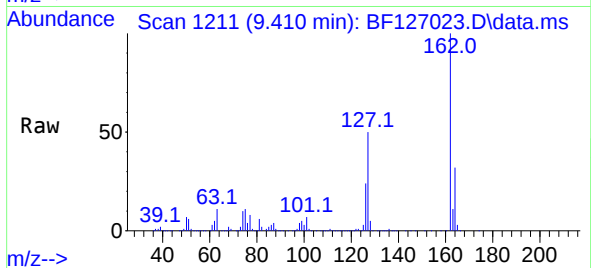
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Tgt Ion:162 Resp: 36895
Ion Ratio Lower Upper
162 100
127 49.7 33.5 50.3
164 32.5 26.2 39.4

Manual Integrations

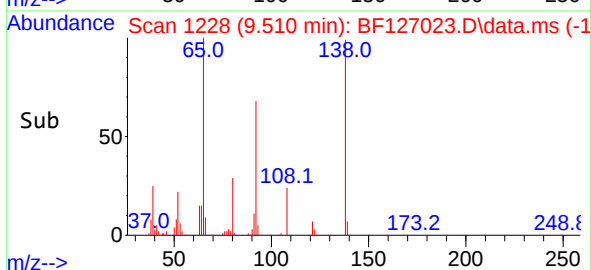
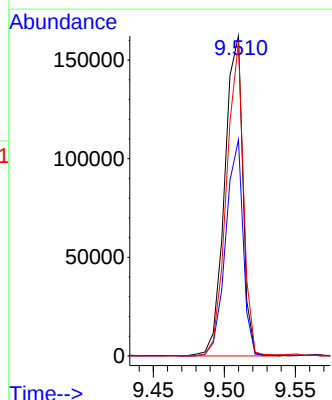
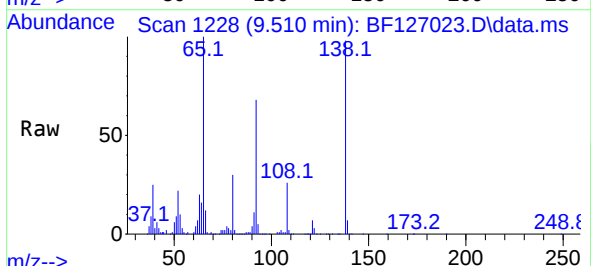
APPROVED

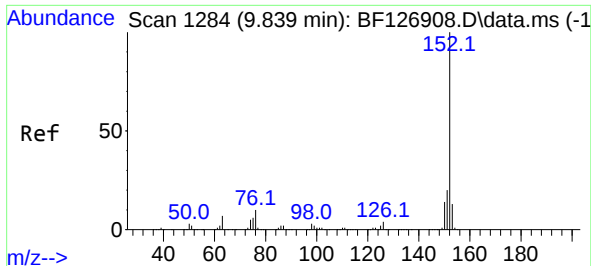
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#48
2-Nitroaniline
Concen: 50.773 ng
RT: 9.510 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Tgt Ion: 65 Resp: 144008
Ion Ratio Lower Upper
65 100
92 67.5 54.4 81.6
138 98.1 72.5 108.7





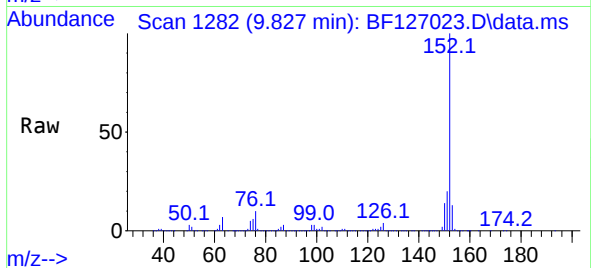
#49
Acenaphthylene
Concen: 51.087 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MSD

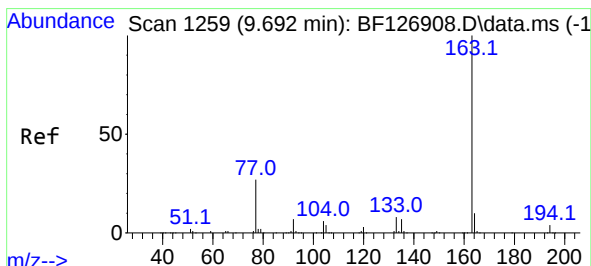
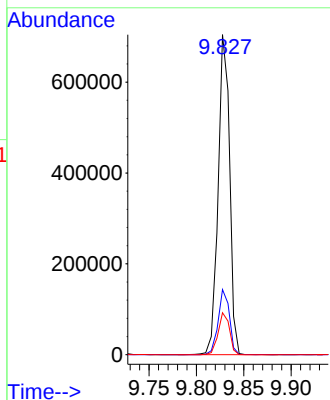
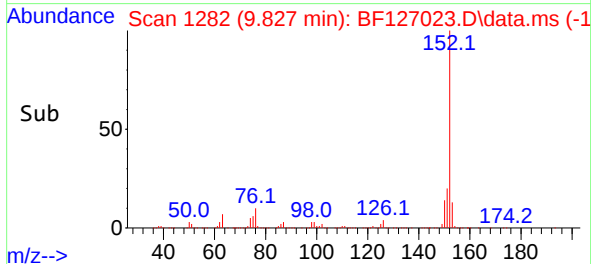


Tgt Ion:152 Resp: 59645
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.1 11.4 17.0

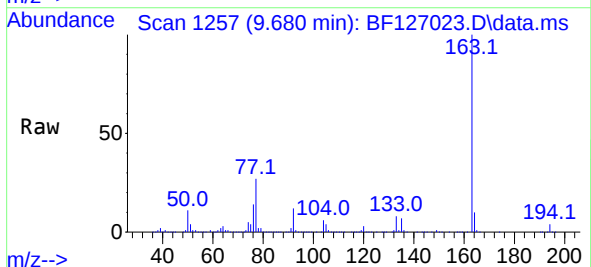
Manual Integrations

APPROVED

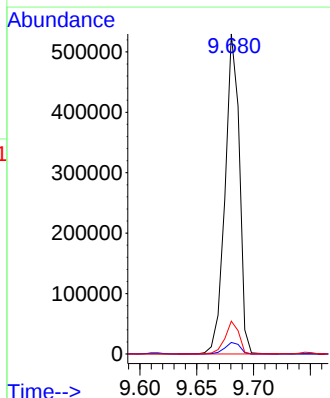
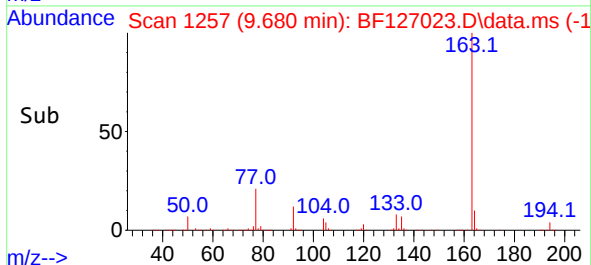
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

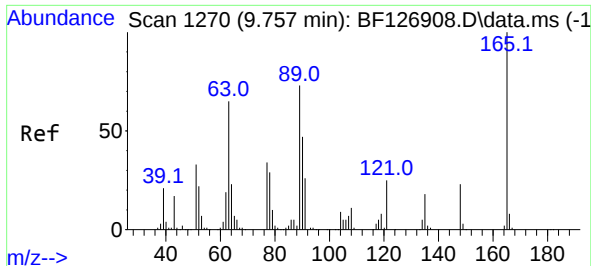


#50
Dimethylphthalate
Concen: 53.193 ng
RT: 9.680 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:163 Resp: 465140
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.3 7.8 11.8





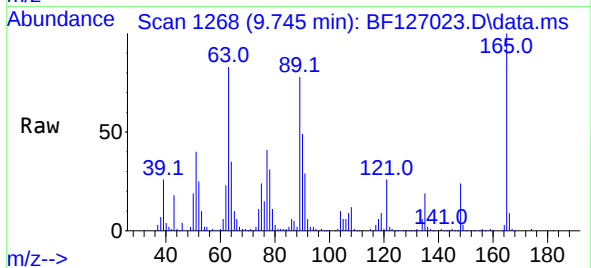
#51
2,6-Dinitrotoluene
Concen: 52.119 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MSD

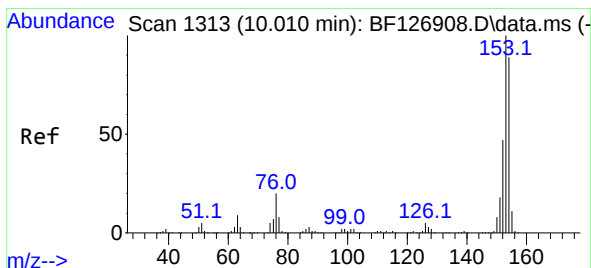
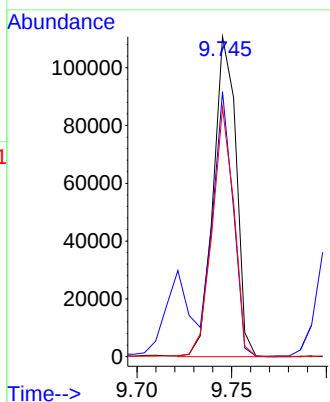
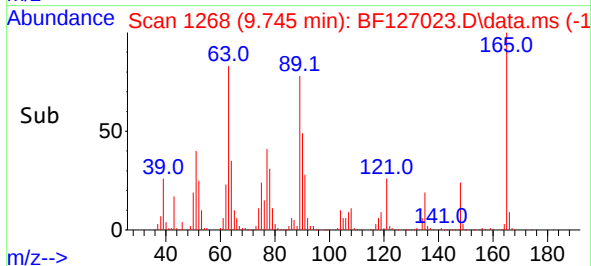


Tgt Ion:165 Resp: 92724
Ion Ratio Lower Upper
165 100
63 82.8 48.4 72.6
89 77.9 50.5 75.7

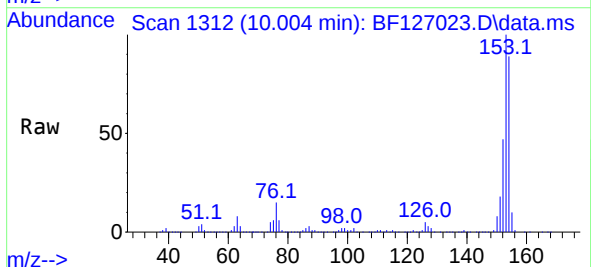
Manual Integrations

APPROVED

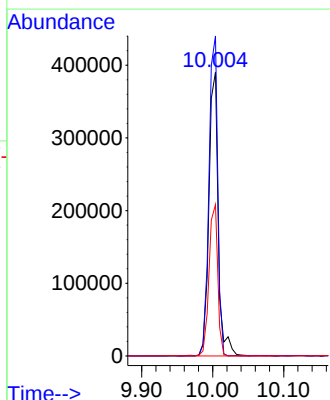
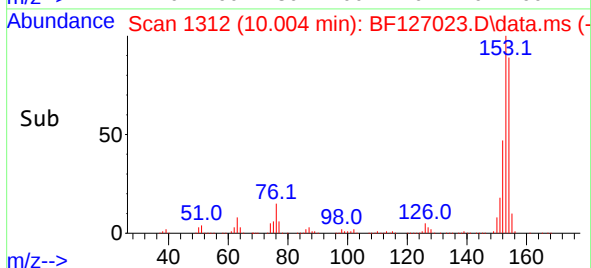
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

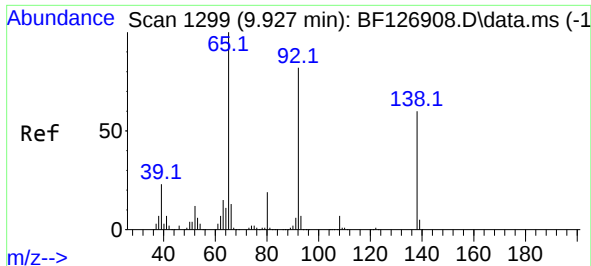


#52
Acenaphthene
Concen: 47.095 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:154 Resp: 357588
Ion Ratio Lower Upper
154 100
153 112.7 87.8 131.6
152 53.3 39.4 59.2





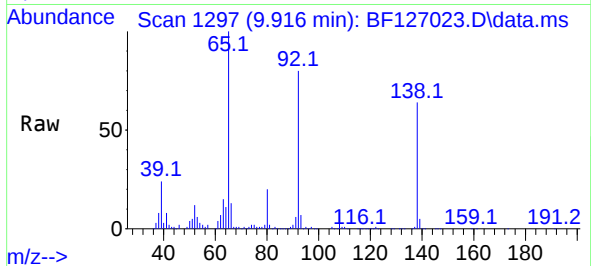
#53
3-Nitroaniline
Concen: 30.719 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MSD



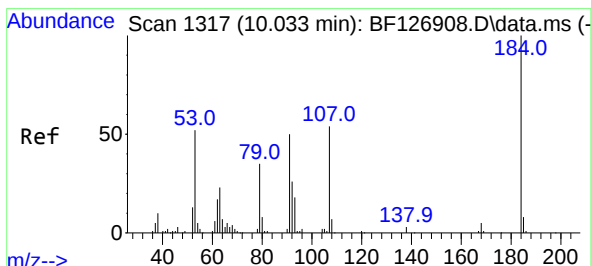
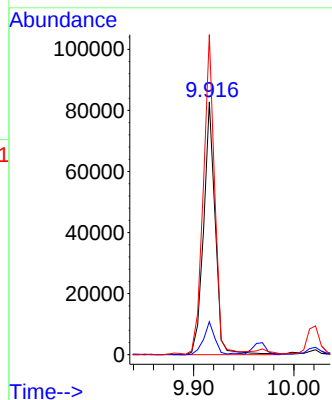
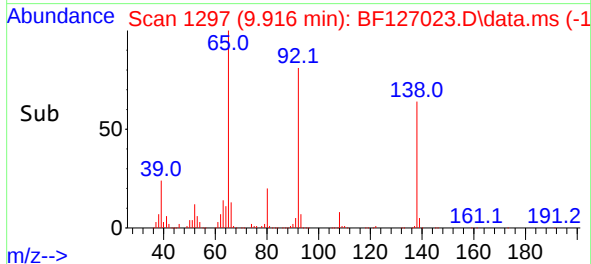
Tgt Ion:138 Resp: 6680
Ion Ratio Lower Upper
138 100
108 13.0 8.6 13.0
92 126.6 105.0 157.6

Manual Integrations

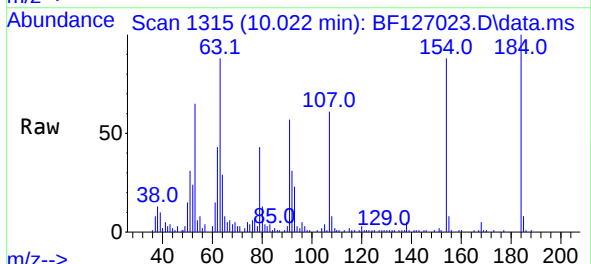
APPROVED

Reviewed By :Christian Giraldo 02/23/2022

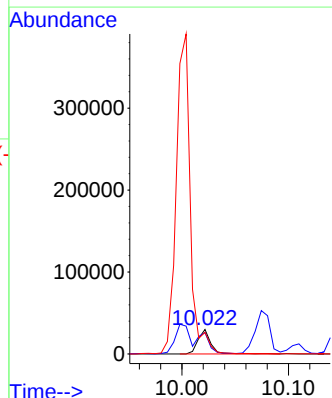
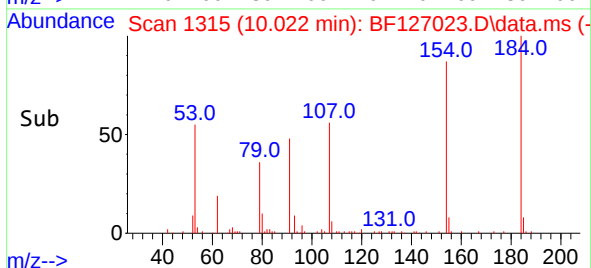
Supervised By :Jagrut Upadhyay 02/23/2022

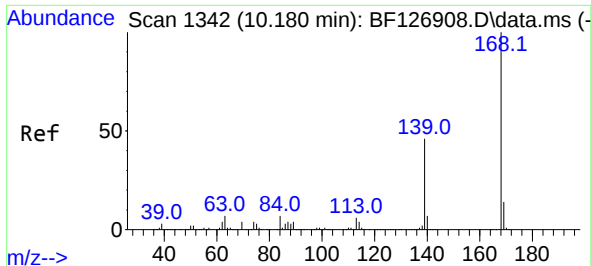


#54
2,4-Dinitrophenol
Concen: 26.362 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



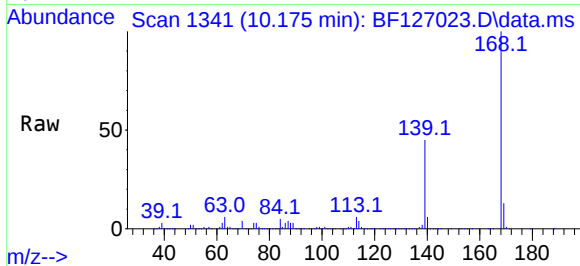
Tgt Ion:184 Resp: 24824
Ion Ratio Lower Upper
184 100
63 87.8 70.4 105.6
154 88.0 49.7 74.5





#55
Dibenzenofuran
Concen: 46.967 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

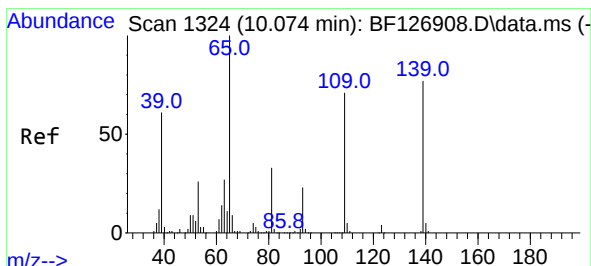
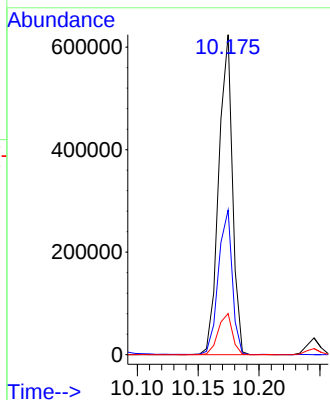
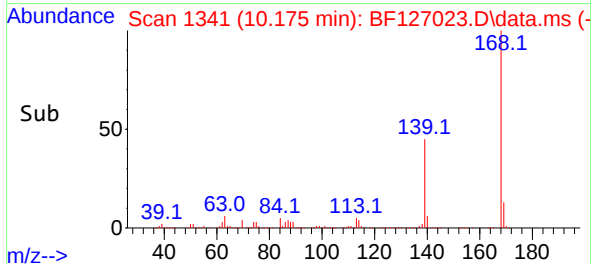
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



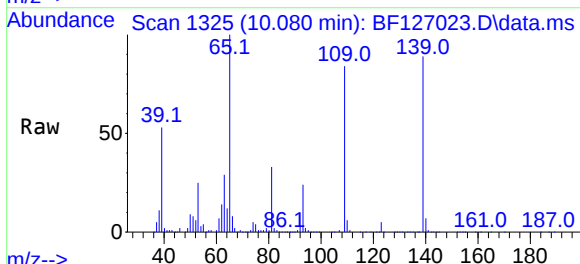
Tgt Ion:168 Resp: 490374
Ion Ratio Lower Upper
168 100
139 45.2 30.6 46.0
169 12.8 10.0 15.0

Manual Integrations
APPROVED

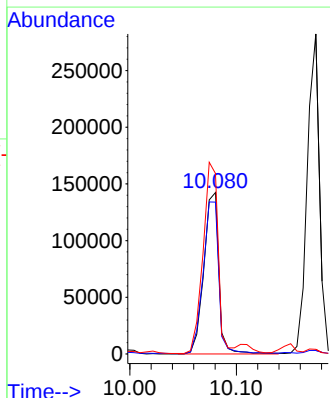
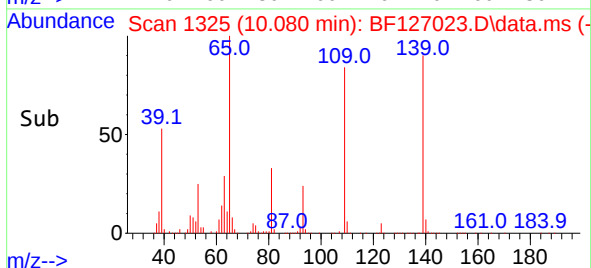
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

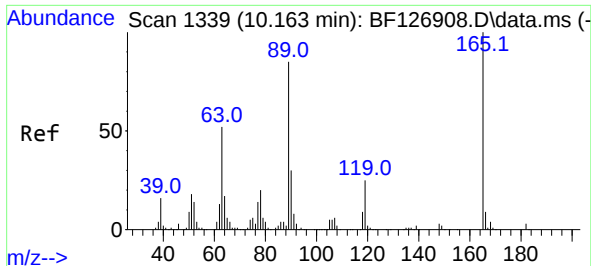


#56
4-Nitrophenol
Concen: 87.113 ng
RT: 10.080 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



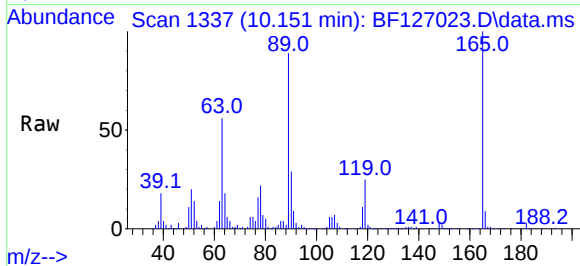
Tgt Ion:139 Resp: 139921
Ion Ratio Lower Upper
139 100
109 94.1 44.1 84.1#
65 111.9 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 48.726 ng
RT: 10.151 min Scan# 117208
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

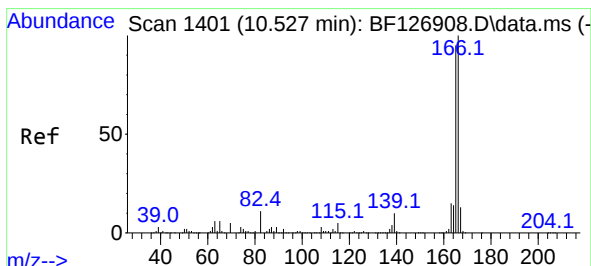
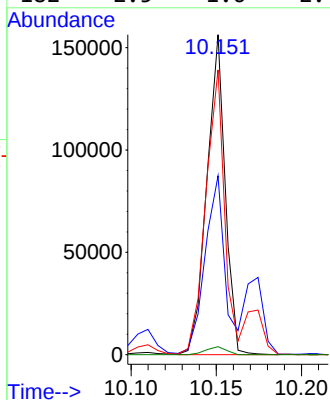
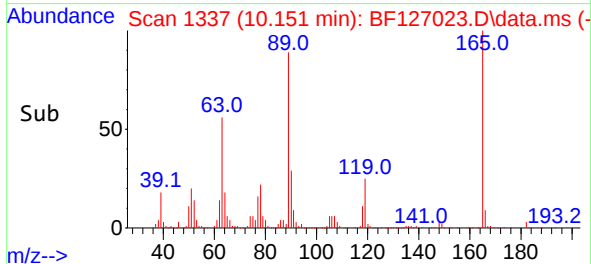
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



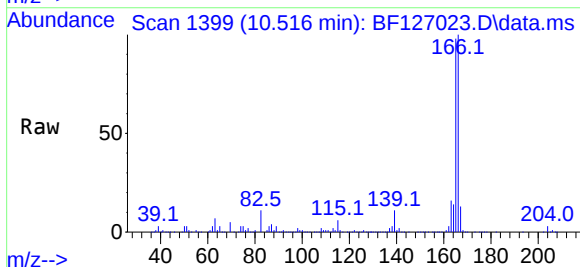
Tgt Ion:165 Resp: 117208
Ion Ratio Lower Upper
165 100
63 55.9 43.0 64.6
89 89.0 71.0 106.4
182 2.5 1.6 2.4#

Manual Integrations
APPROVED

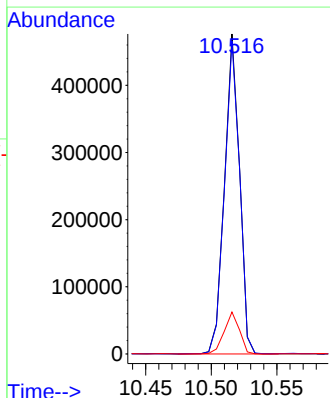
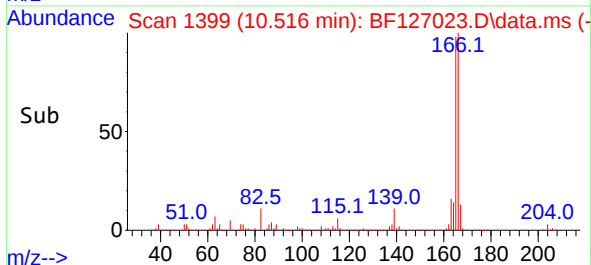
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

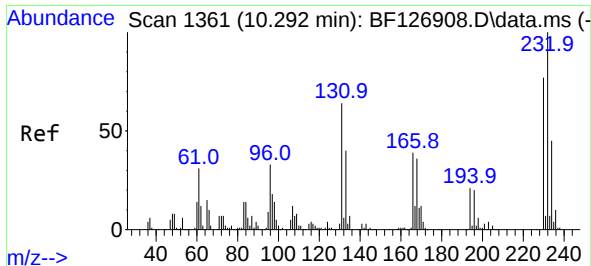


#58
Fluorene
Concen: 46.372 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:166 Resp: 377133
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.1 10.7 16.1





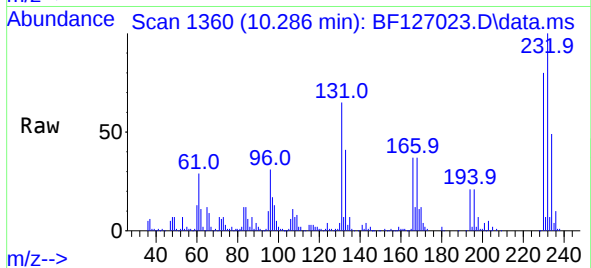
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.613 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MSD

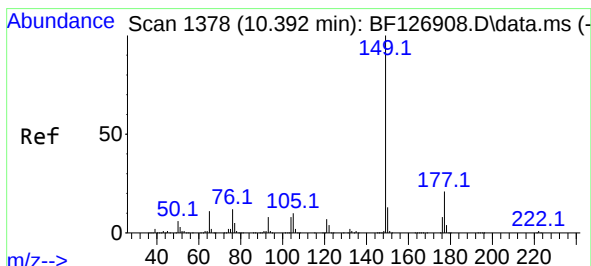
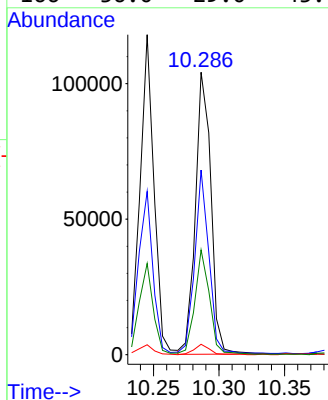
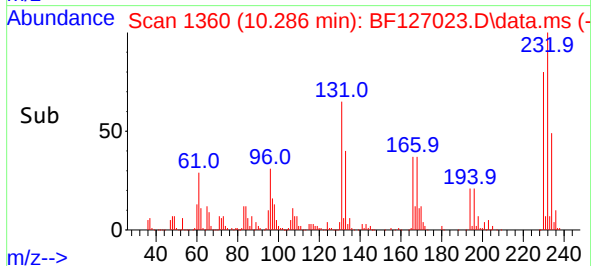


Tgt Ion:232 Resp: 8593
Ion Ratio Lower Upper
232 100
131 59.7 50.0 75.0
130 3.7 2.2 3.2
166 36.0 29.0 43.4

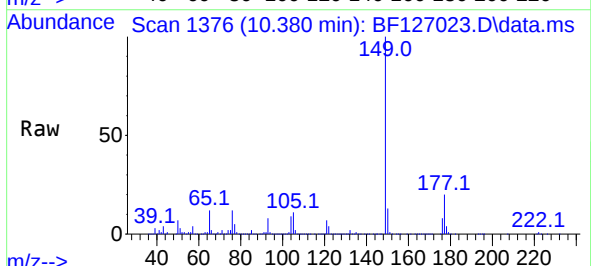
Manual Integrations

APPROVED

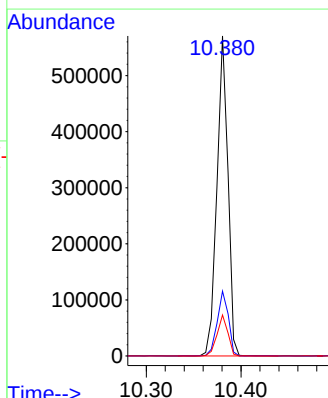
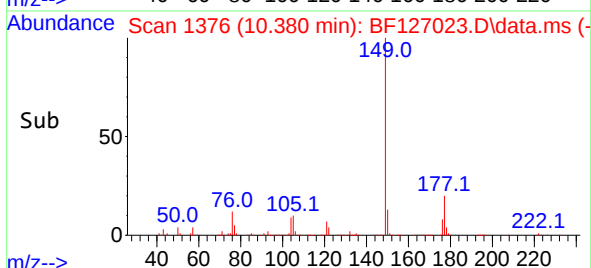
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

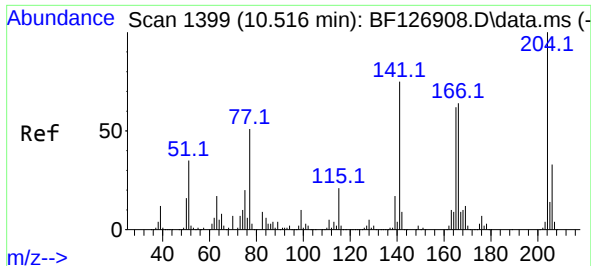


#60
Diethylphthalate
Concen: 50.289 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



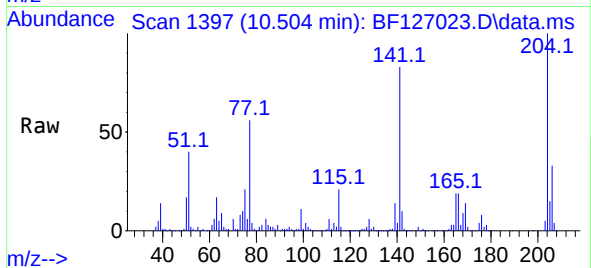
Tgt Ion:149 Resp: 459498
Ion Ratio Lower Upper
149 100
177 20.3 16.7 25.1
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 45.749 ng
RT: 10.504 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

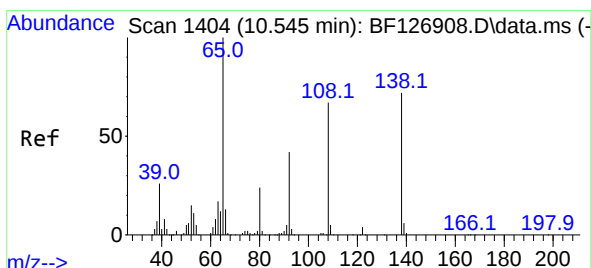
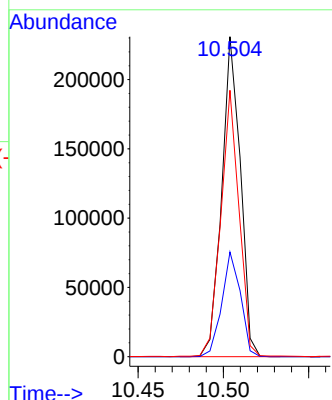
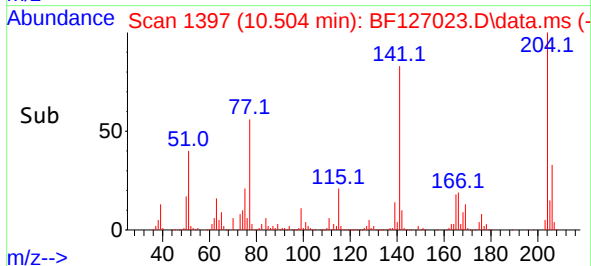
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



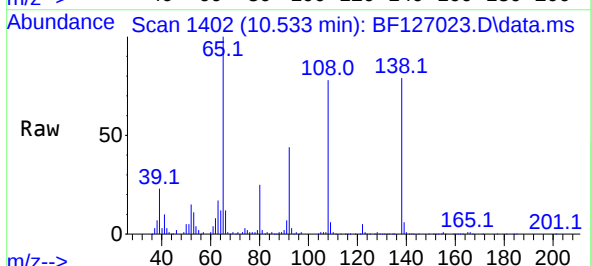
Tgt Ion:204 Resp: 17544
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 83.3 59.0 88.6

Manual Integrations
APPROVED

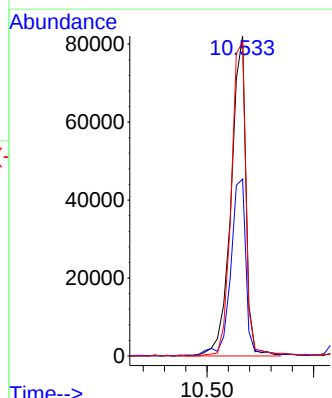
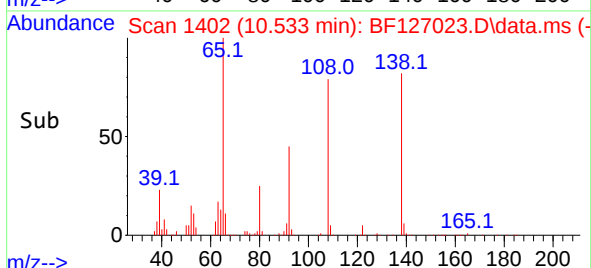
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

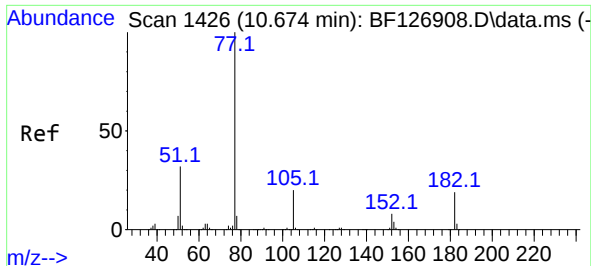


#62
4-Nitroaniline
Concen: 37.207 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:138 Resp: 79903
Ion Ratio Lower Upper
138 100
92 55.3 36.2 76.2
108 98.1 46.7 86.7#





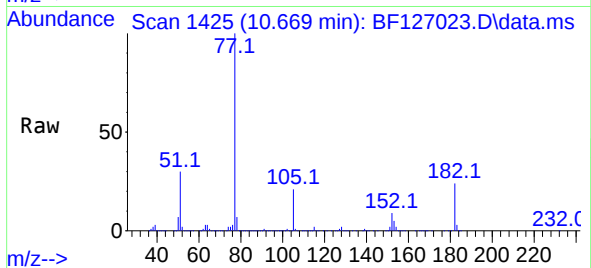
#63
Azobenzene
Concen: 42.988 ng
RT: 10.669 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MSD

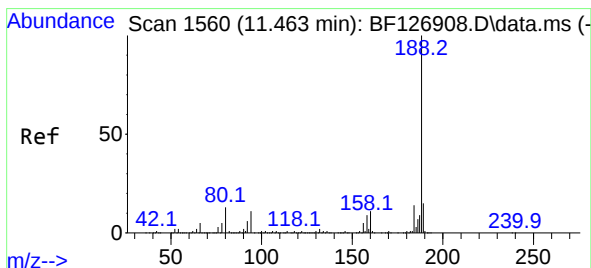
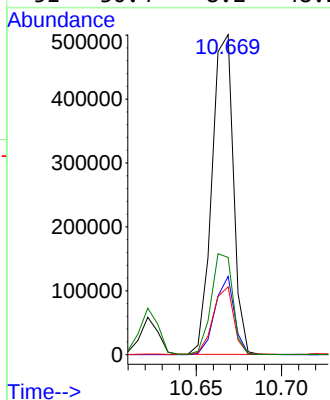
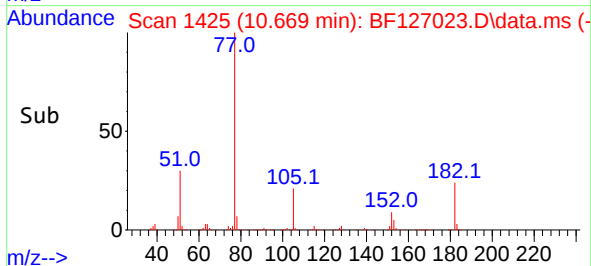


Tgt Ion: 77 Resp: 437379
Ion Ratio Lower Upper
77 100
182 24.4 0.0 39.0
105 21.2 3.2 43.2
51 30.4 8.2 48.2

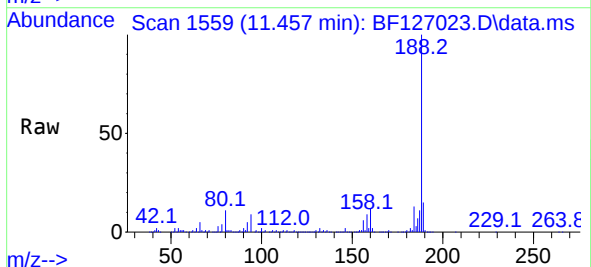
Manual Integrations

APPROVED

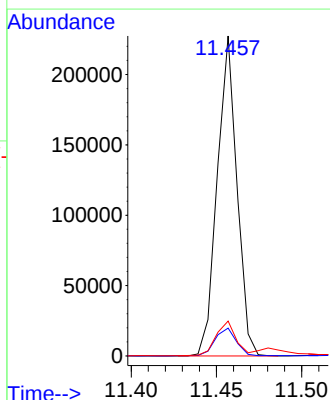
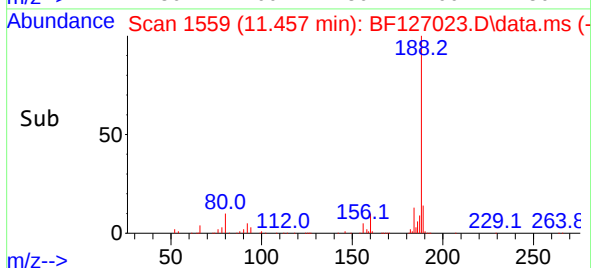
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

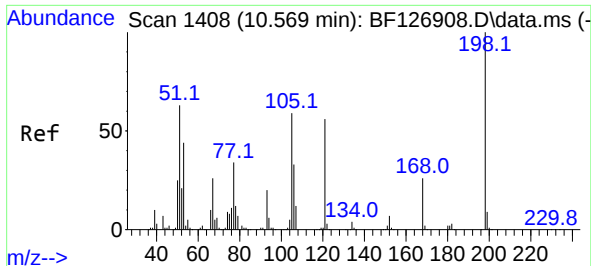


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



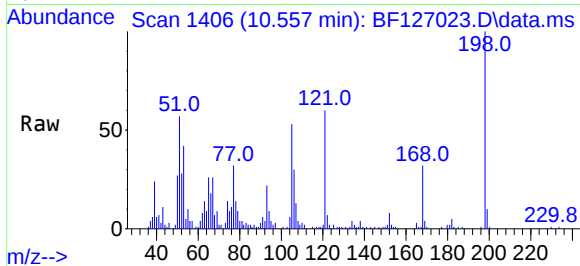
Tgt Ion:188 Resp: 182890
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.9 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 17.857 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

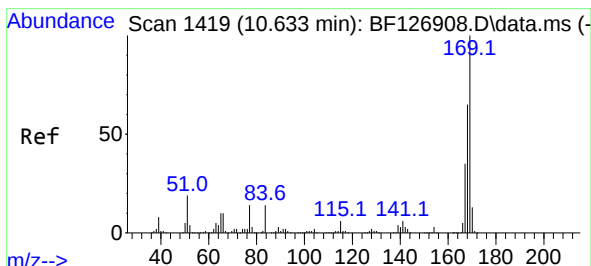
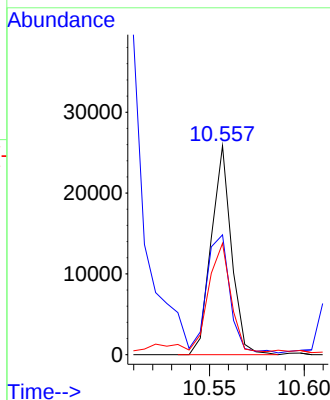
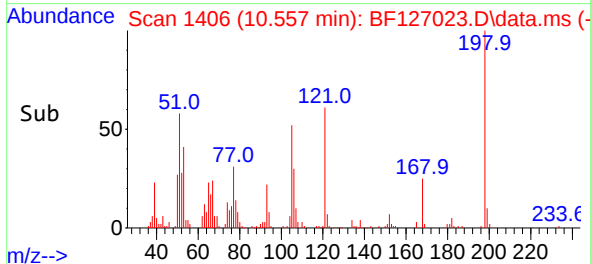
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



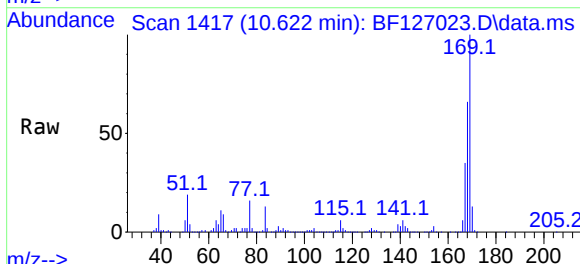
Tgt Ion:198 Resp: 19189
Ion Ratio Lower Upper
198 100
51 57.3 32.0 72.0
105 53.3 32.7 72.7

Manual Integrations
APPROVED

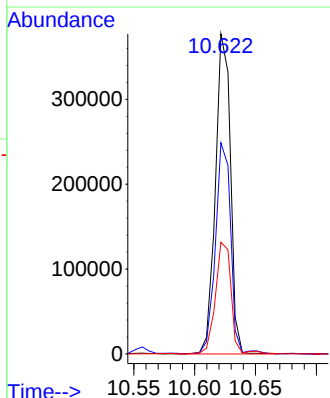
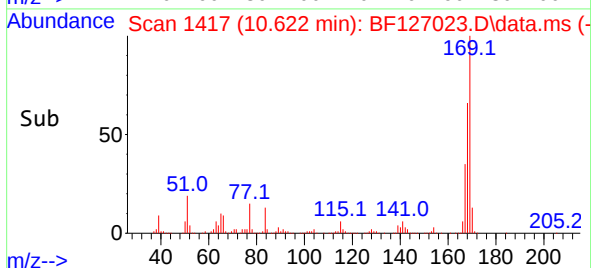
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

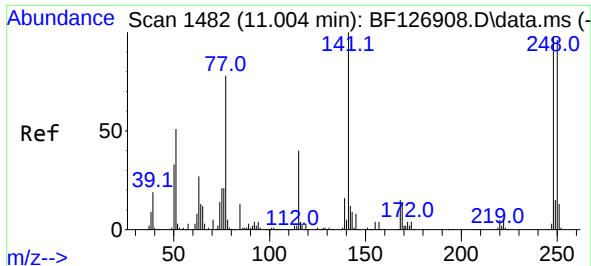


#66
n-Nitrosodiphenylamine
Concen: 54.233 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



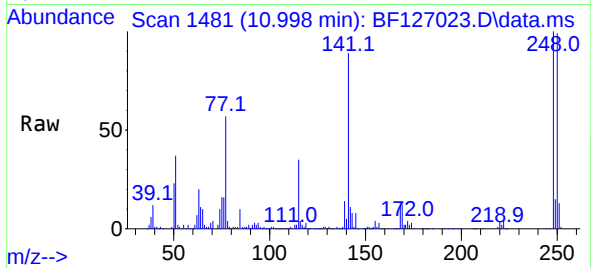
Tgt Ion:169 Resp: 325239
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 34.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 51.832 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

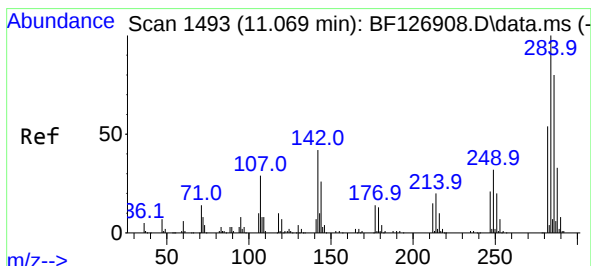
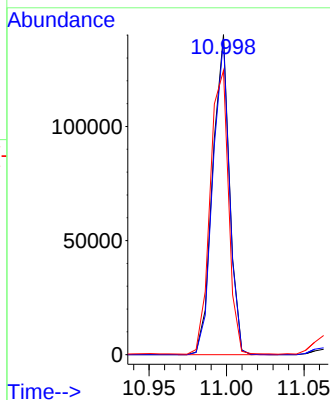
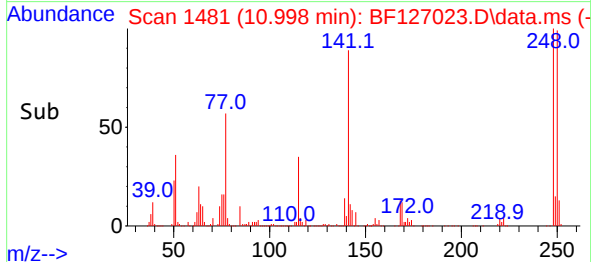
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



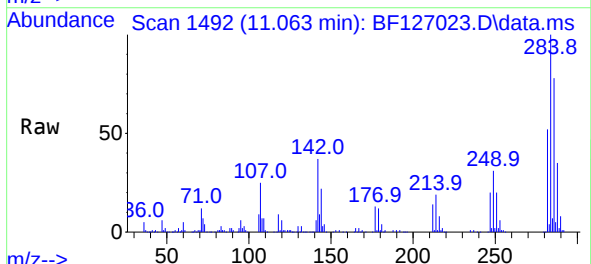
Tgt Ion:248 Resp: 105910
Ion Ratio Lower Upper
248 100
250 98.7 76.2 114.4
141 88.8 66.2 99.4

Manual Integrations
APPROVED

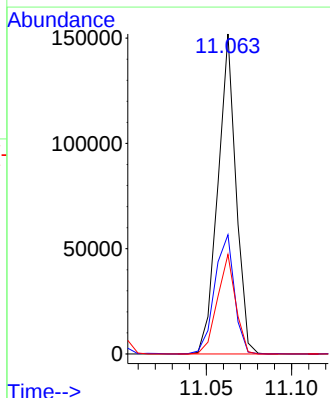
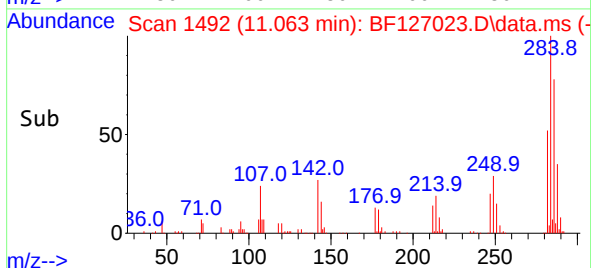
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

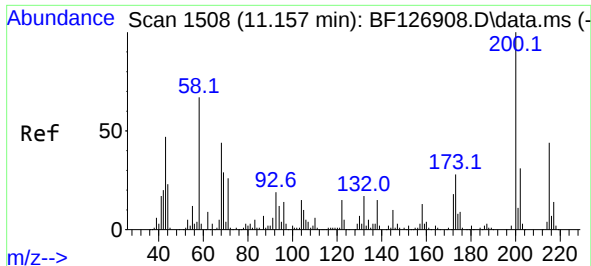


#68
Hexachlorobenzene
Concen: 51.099 ng
RT: 11.063 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



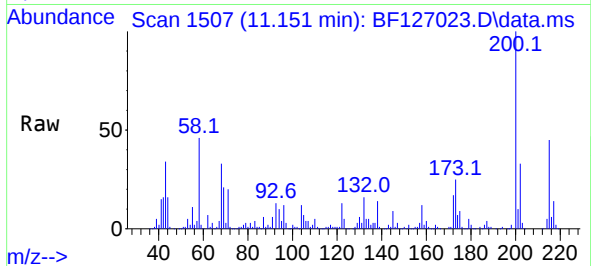
Tgt Ion:284 Resp: 112409
Ion Ratio Lower Upper
284 100
142 37.3 30.7 46.1
249 31.1 21.1 31.7





#69
Atrazine
Concen: 55.305 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

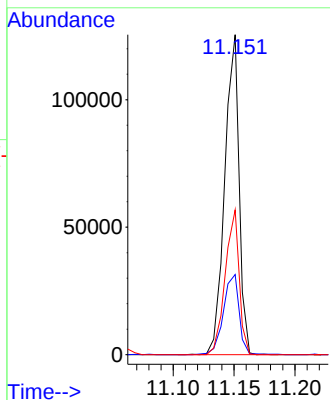
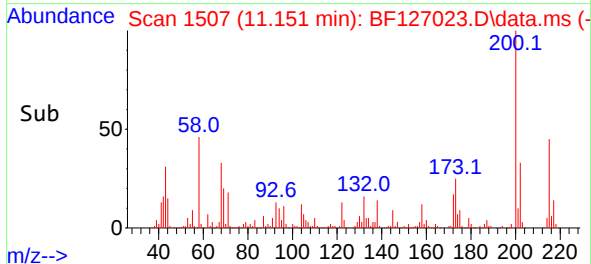
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



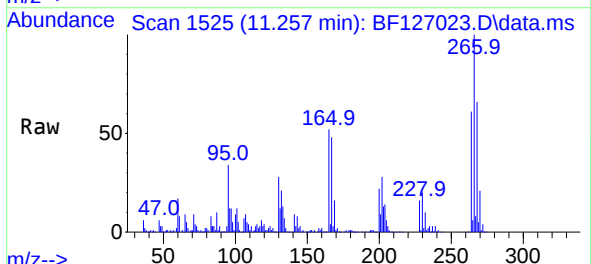
Tgt Ion:200 Resp: 102868
Ion Ratio Lower Upper
200 100
173 25.1 9.2 49.2
215 45.2 23.2 63.2

Manual Integrations
APPROVED

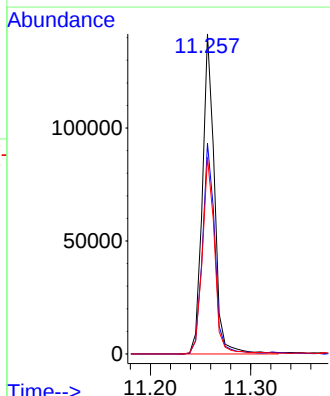
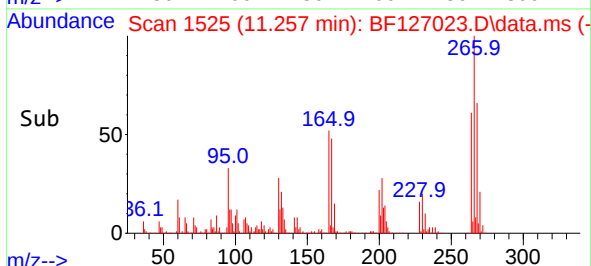
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

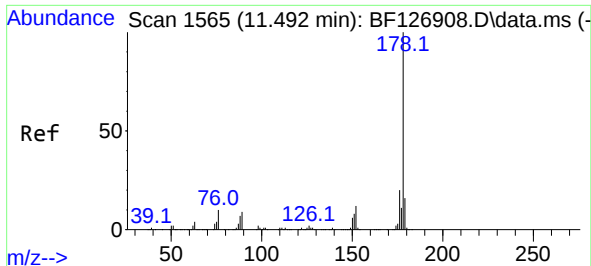


#70
Pentachlorophenol
Concen: 98.994 ng
RT: 11.257 min Scan# 1525
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:266 Resp: 118877
Ion Ratio Lower Upper
266 100
268 65.8 52.3 78.5
264 61.4 50.4 75.6





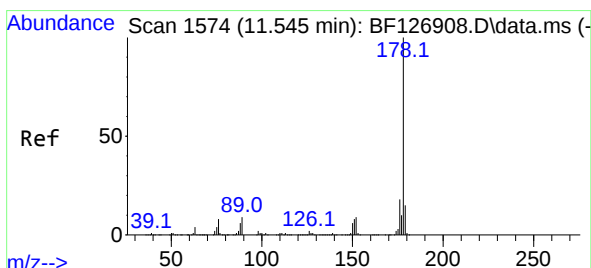
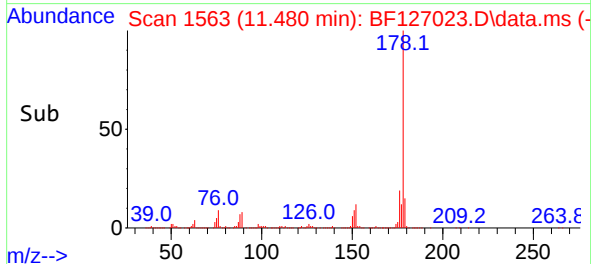
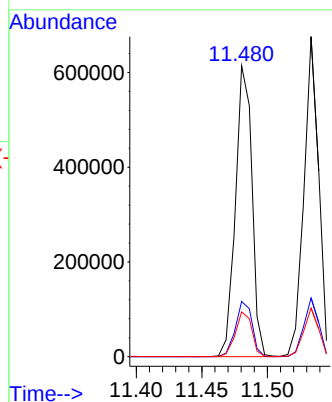
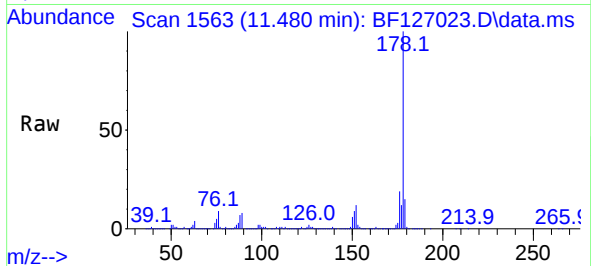
#71
Phenanthrene
Concen: 52.621 ng
RT: 11.480 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD

Tgt Ion:178 Resp: 53866
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.4 12.3 18.5

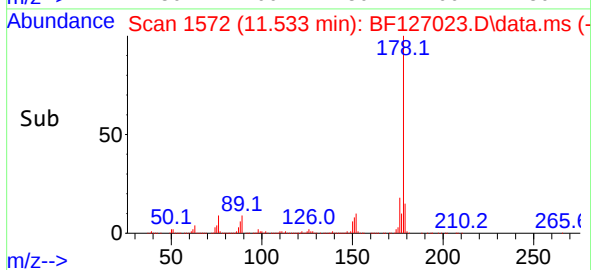
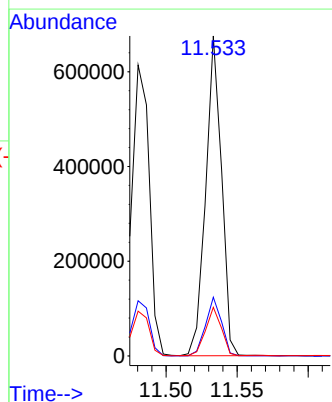
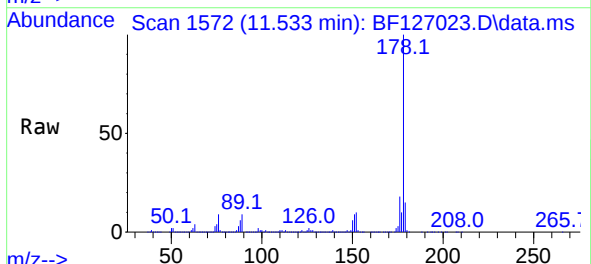
Manual Integrations
APPROVED

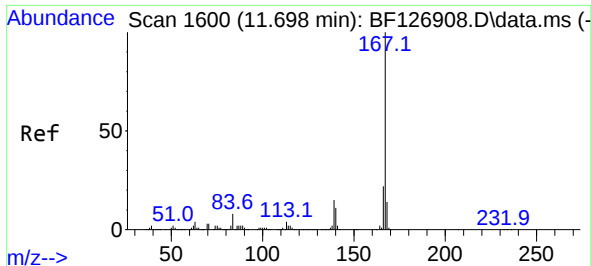
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#72
Anthracene
Concen: 51.420 ng
RT: 11.533 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Tgt Ion:178 Resp: 524012
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.2 12.5 18.7





#73
 Carbazole
 Concen: 47.535 ng
 RT: 11.686 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: BF127023.D
 Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

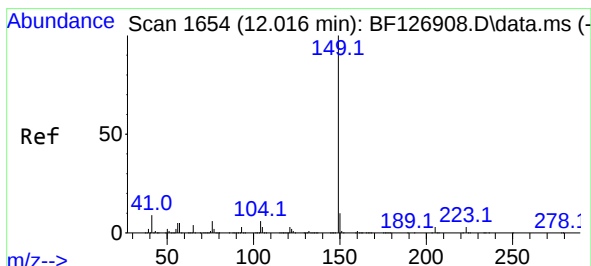
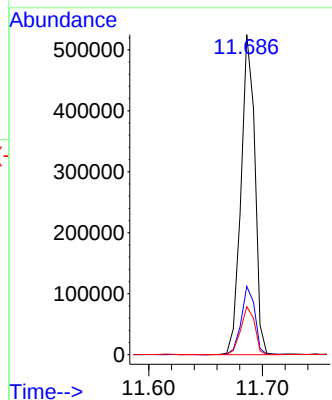
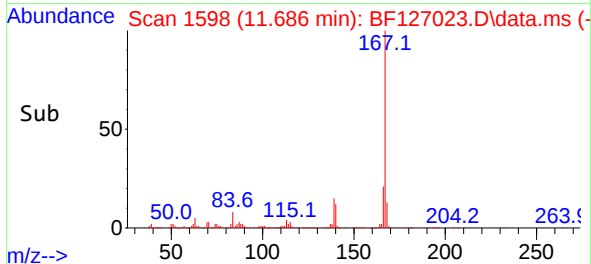
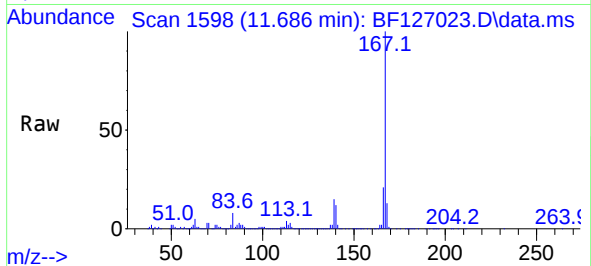
TR-05-02182MSD

Tgt Ion:167 Resp: 444235
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 15.0 11.3 16.9

Manual Integrations

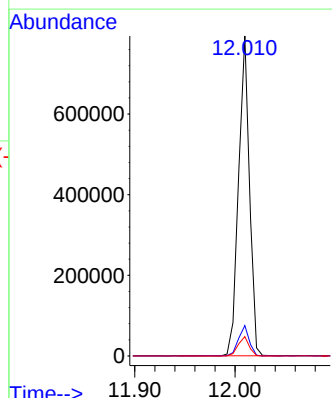
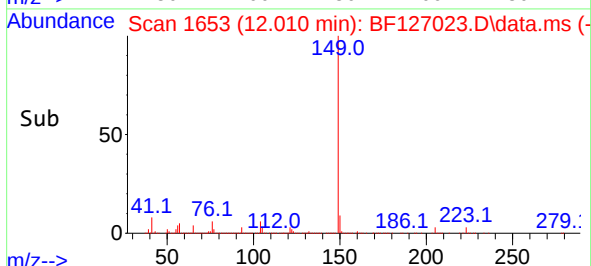
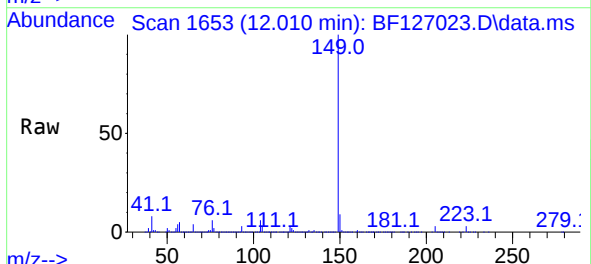
APPROVED

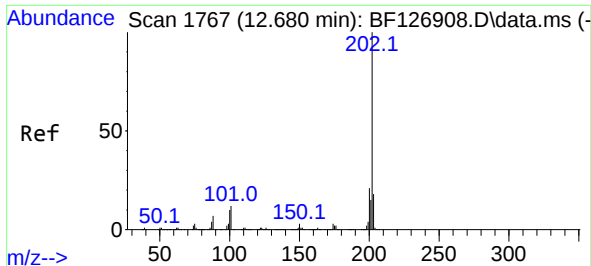
Reviewed By :Christian Giraldo 02/23/2022
 Supervised By :Jagrut Upadhyay 02/23/2022



#74
 Di-n-butylphthalate
 Concen: 50.209 ng
 RT: 12.010 min Scan# 1653
 Delta R.T. 0.006 min
 Lab File: BF127023.D
 Acq: 22 Feb 2022 22:12

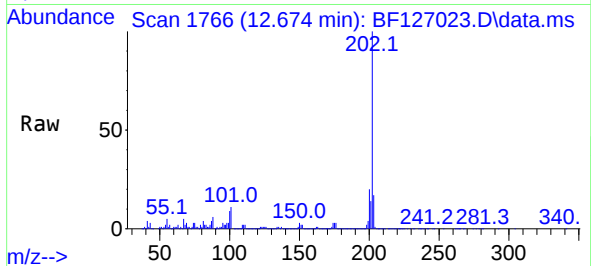
Tgt Ion:149 Resp: 603220
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 6.1 4.2 6.2





#75
Fluoranthene
Concen: 53.570 ng
RT: 12.674 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

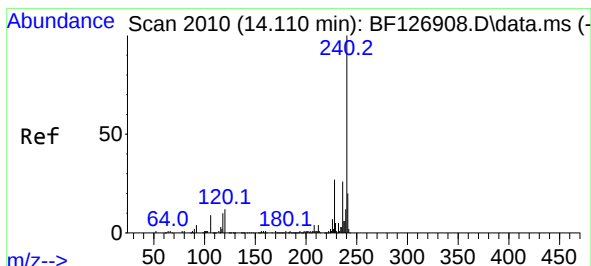
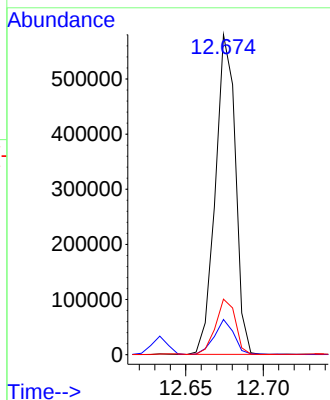
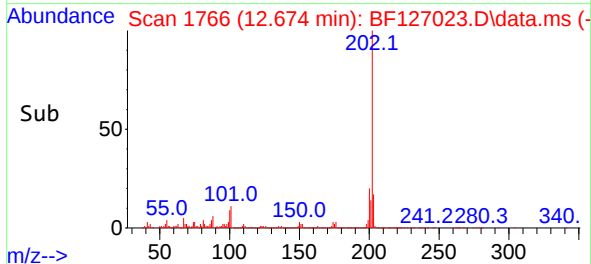
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



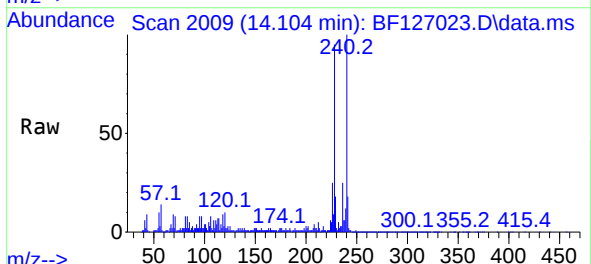
Tgt Ion:202 Resp: 520688
Ion Ratio Lower Upper
202 100
101 11.0 0.0 35.7
203 17.3 0.0 37.1

Manual Integrations
APPROVED

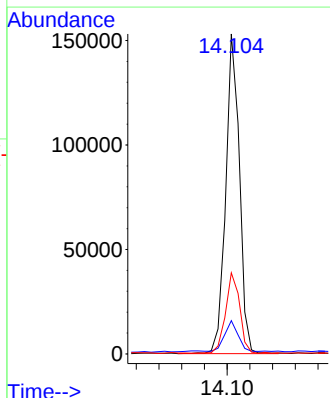
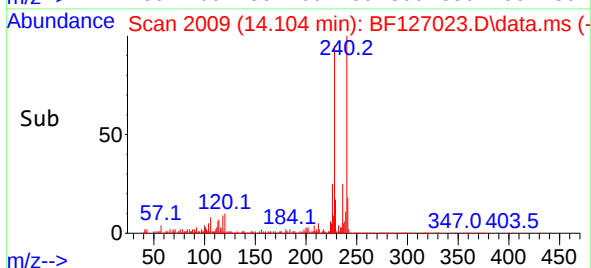
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

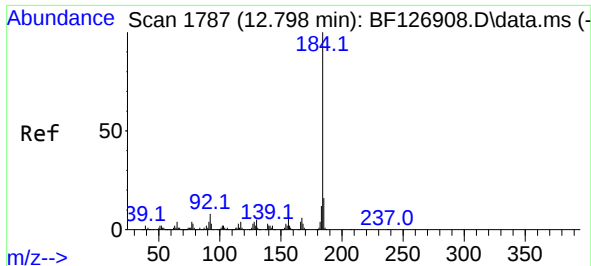


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



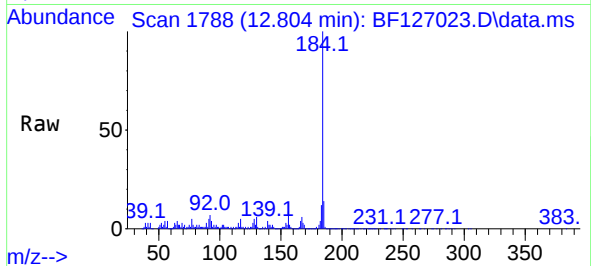
Tgt Ion:240 Resp: 128422
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.4 20.5 30.7





#77
Benzidine
Concen: 55.611 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.018 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

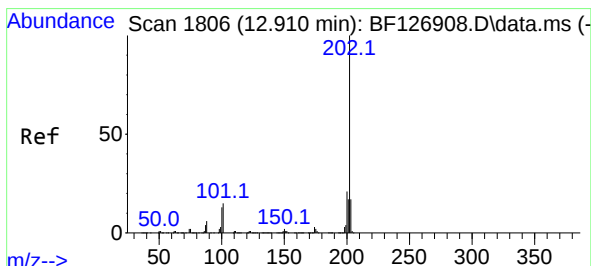
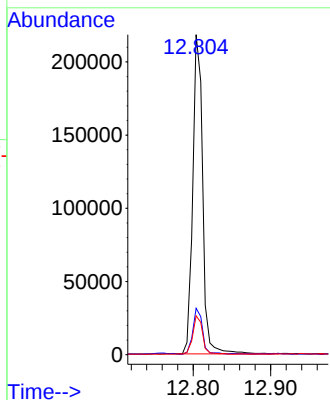
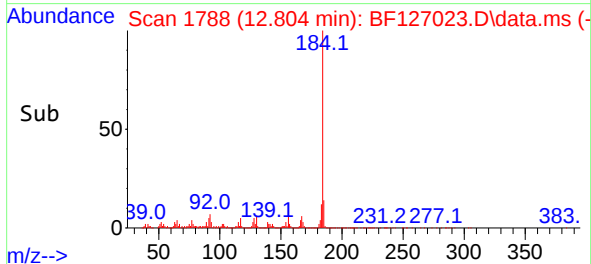
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



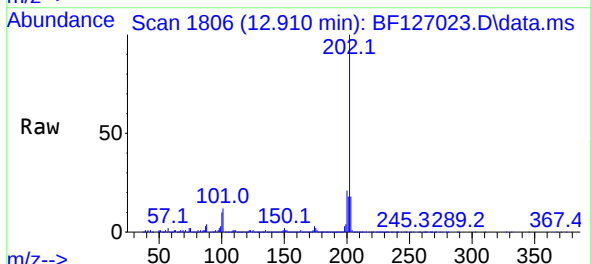
Tgt Ion:184 Resp: 194080
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 12.1 8.2 12.2

Manual Integrations
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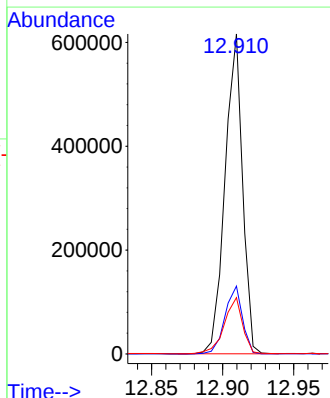
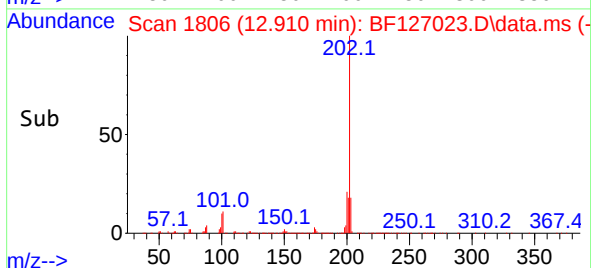
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

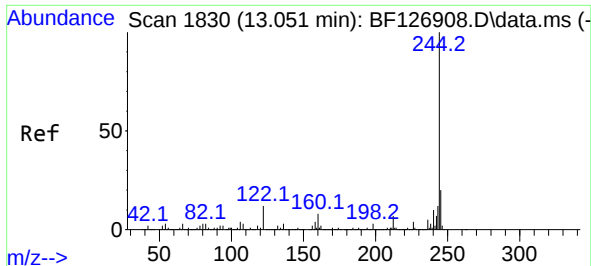


#78
Pyrene
Concen: 47.320 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.012 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:202 Resp: 527950
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.6 13.8 20.8





#79
 Terphenyl-d14
 Concen: 61.888 ng
 RT: 13.045 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF127023.D
 Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

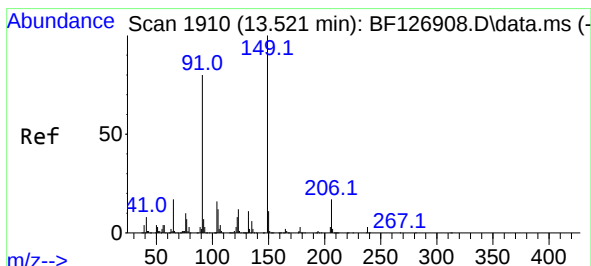
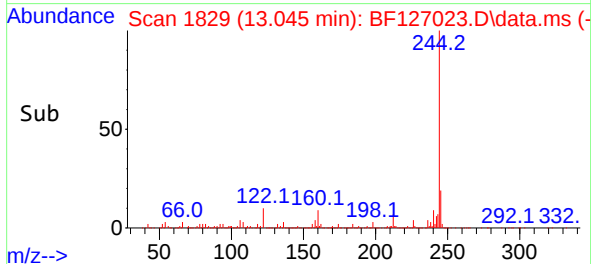
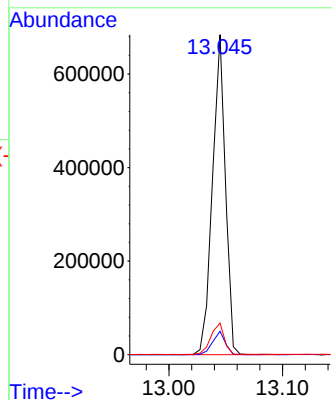
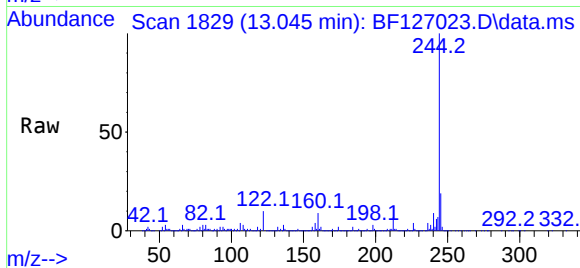
TR-05-021822MSD

Tgt Ion:244 Resp: 540654
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 9.9 13.3 19.9

Manual Integrations

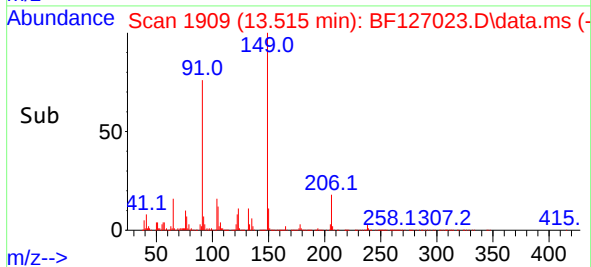
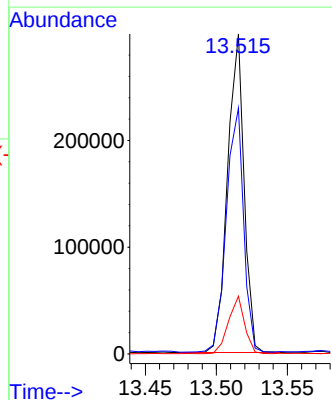
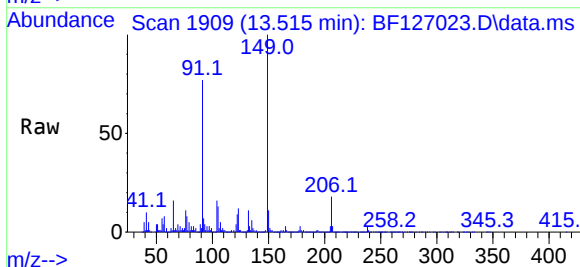
APPROVED

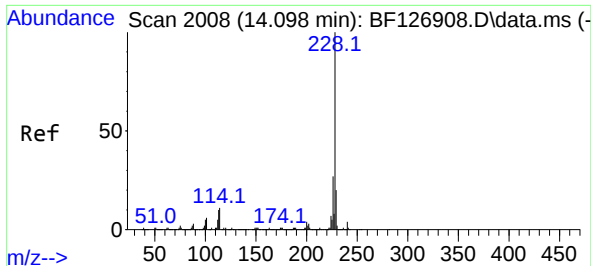
Reviewed By :Christian Giraldo 02/23/2022
 Supervised By :Jagrut Upadhyay 02/23/2022



#80
 Butylbenzylphthalate
 Concen: 45.558 ng
 RT: 13.515 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: BF127023.D
 Acq: 22 Feb 2022 22:12

Tgt Ion:149 Resp: 240633
 Ion Ratio Lower Upper
 149 100
 91 76.9 70.5 105.7
 206 18.1 12.6 19.0





#81
Benzo(a)anthracene
Concen: 50.208 ng
RT: 14.098 min Scan# 2000
Delta R.T. 0.012 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNF_F

ClientSampleId :

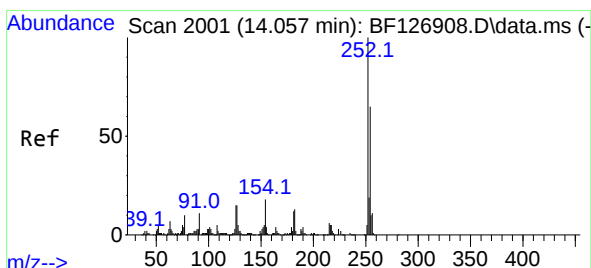
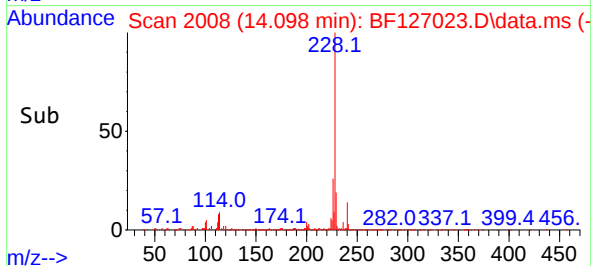
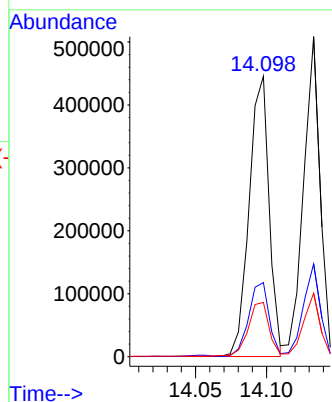
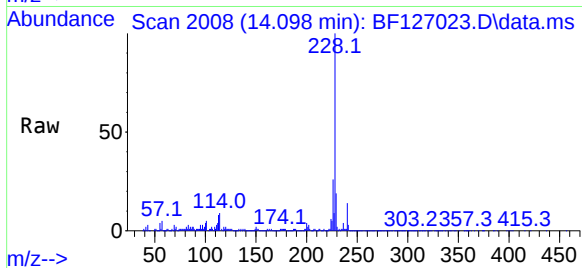
TR-05-02182MSD

Tgt Ion:228 Resp: 434689
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.3 15.4 23.2

Manual Integrations

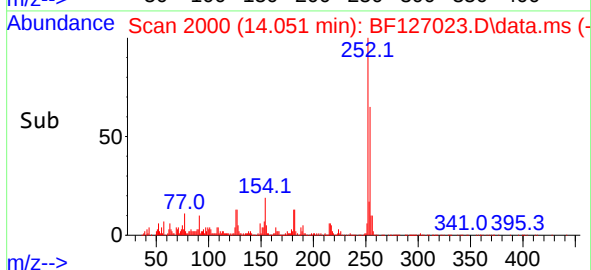
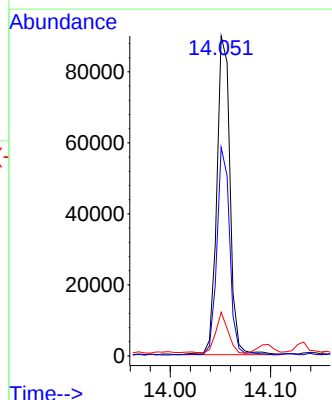
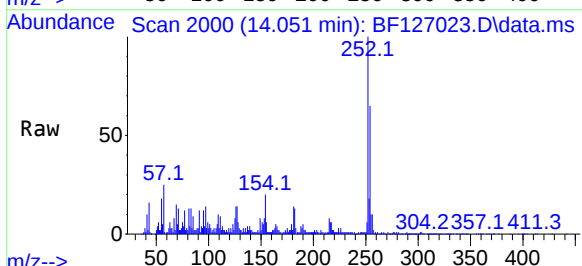
APPROVED

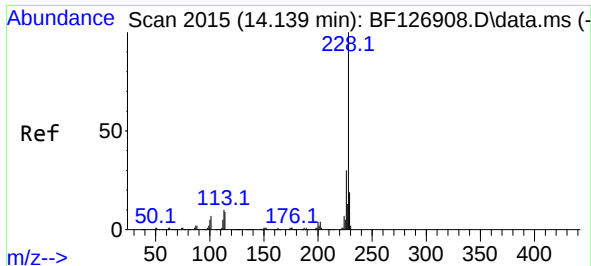
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 30.078 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

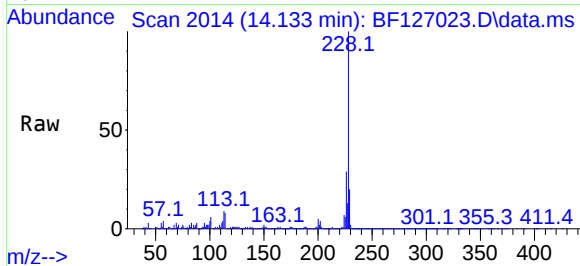
Tgt Ion:252 Resp: 82067
Ion Ratio Lower Upper
252 100
254 65.2 51.0 76.4
126 13.6 13.4 20.0





#83
Chrysene
Concen: 50.632 ng
RT: 14.133 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

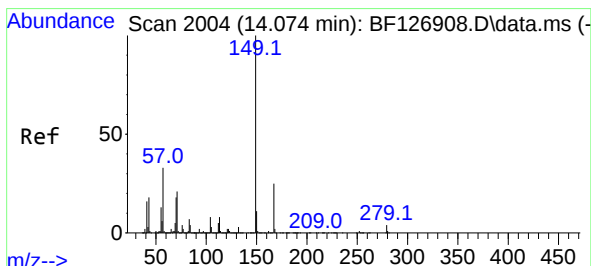
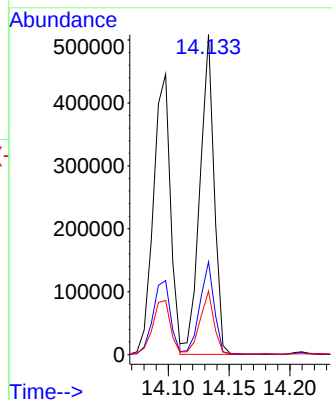
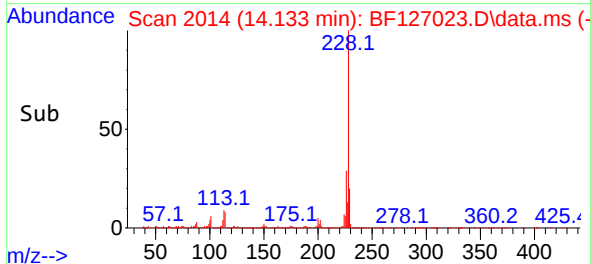
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MSD



Tgt Ion:228 Resp: 412217
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 19.8 15.5 23.3

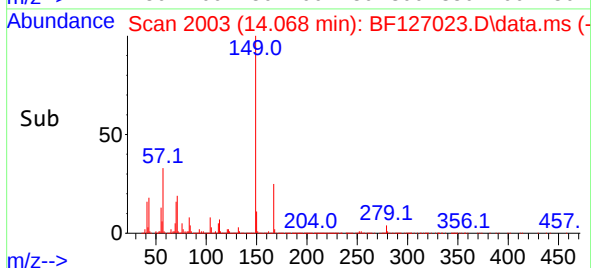
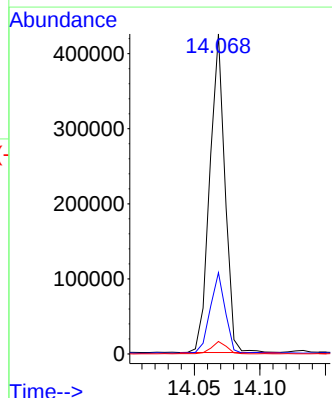
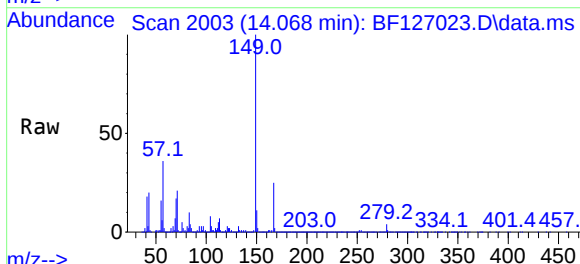
Manual Integrations
APPROVED

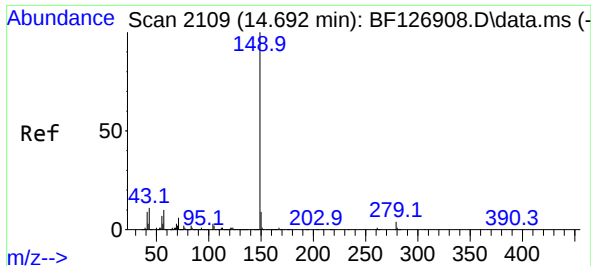
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.450 ng
RT: 14.068 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Tgt Ion:149 Resp: 342913
Ion Ratio Lower Upper
149 100
167 25.4 21.4 32.2
279 3.9 2.4 3.6#





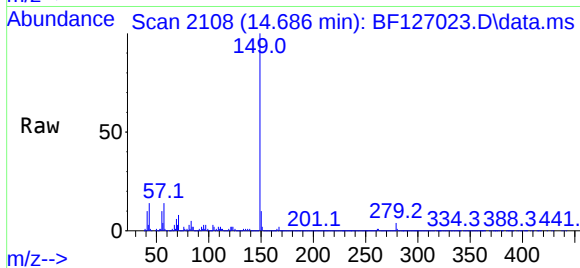
#85
Di-n-octyl phthalate
Concen: 54.379 ng
RT: 14.686 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MSD

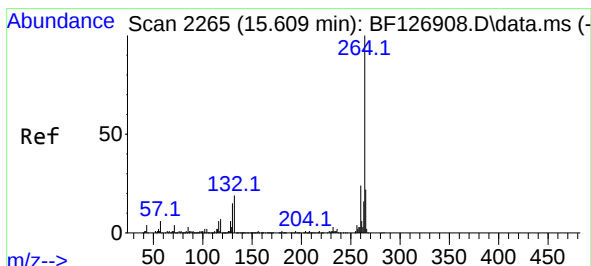
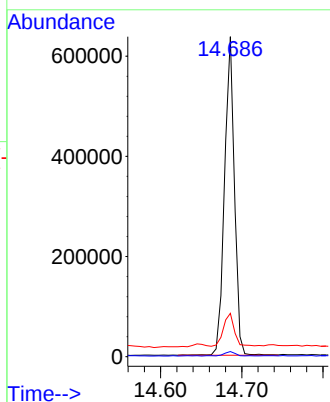
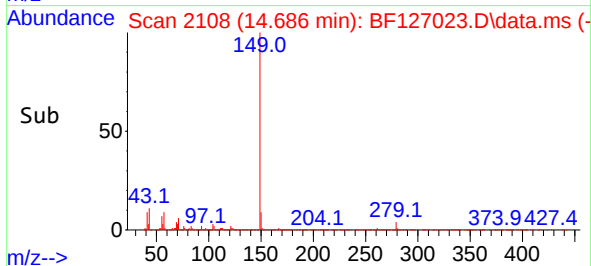


Tgt Ion:149 Resp: 542938
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.4 9.9 14.9

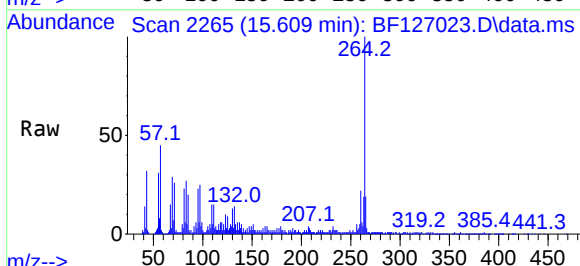
Manual Integrations

APPROVED

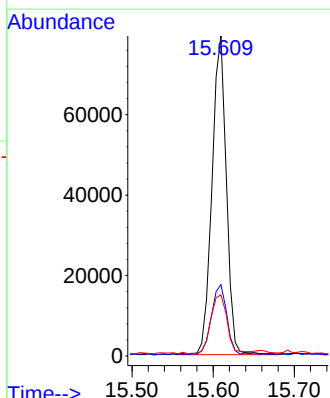
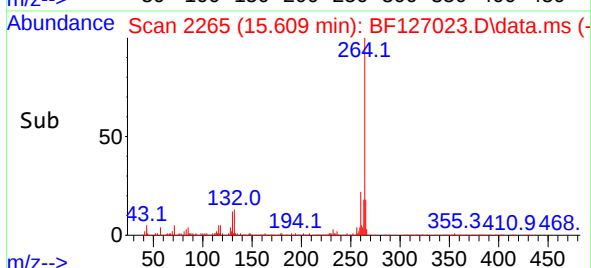
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

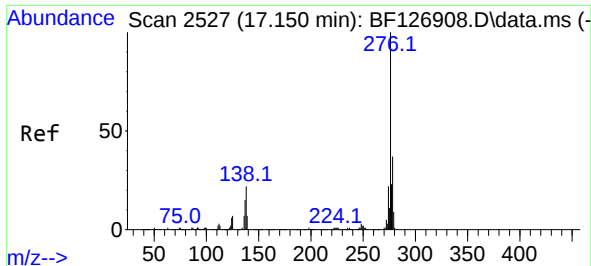


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.609 min Scan# 2265
Delta R.T. 0.018 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:264 Resp: 97452
Ion Ratio Lower Upper
264 100
260 22.3 19.2 28.8
265 19.1 17.4 26.2





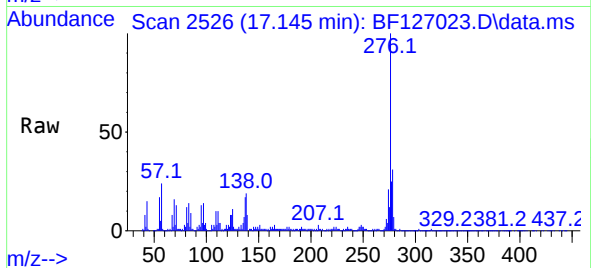
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.436 ng
RT: 17.145 min Scan# 2118
Delta R.T. 0.029 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MSD

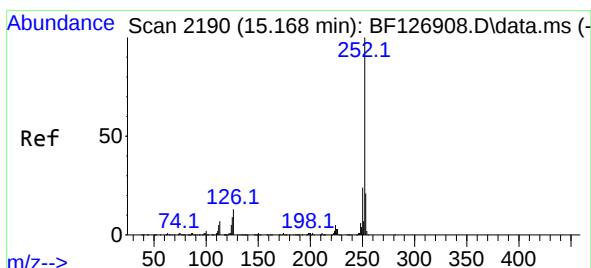
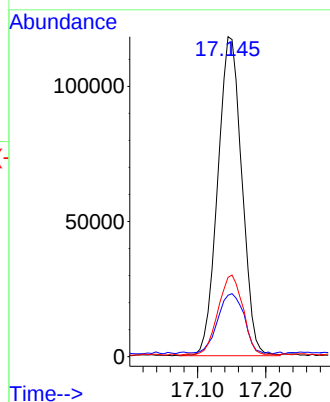
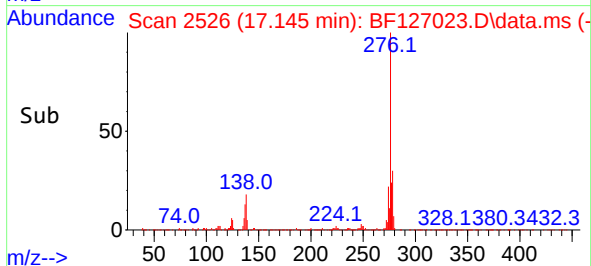


Tgt Ion:276 Resp: 290339
Ion Ratio Lower Upper
276 100
138 20.8 29.2 43.8
277 25.9 19.8 29.8

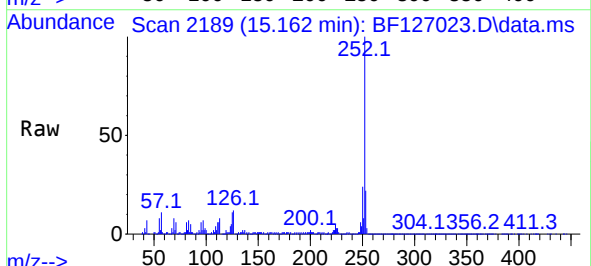
Manual Integrations

APPROVED

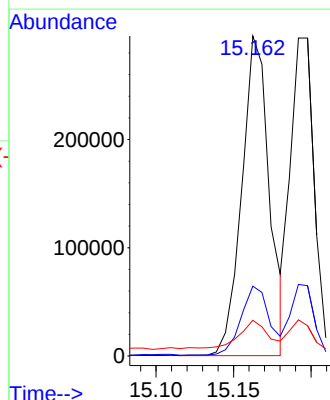
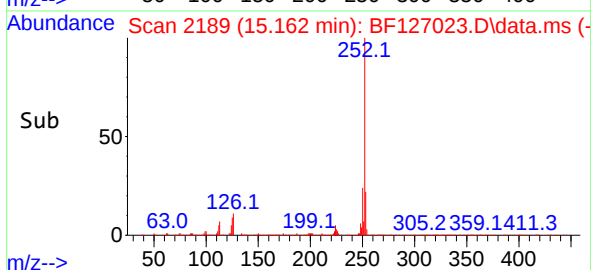
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

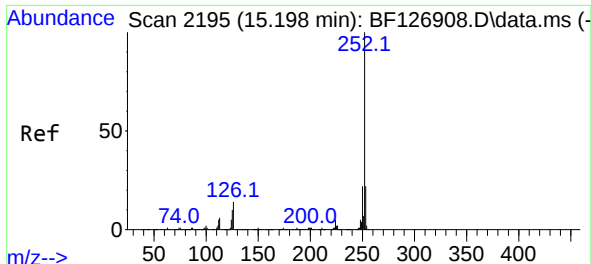


#88
Benzo(b)fluoranthene
Concen: 55.879 ng
RT: 15.162 min Scan# 2189
Delta R.T. 0.012 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:252 Resp: 365742
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.2 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 49.369 ng

RT: 15.192 min Scan# 2194

Delta R.T. 0.012 min

Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

Instrument :

BNF

ClientSampleId :

TR-05-02182MSD

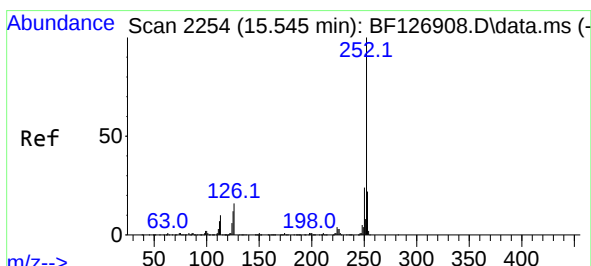
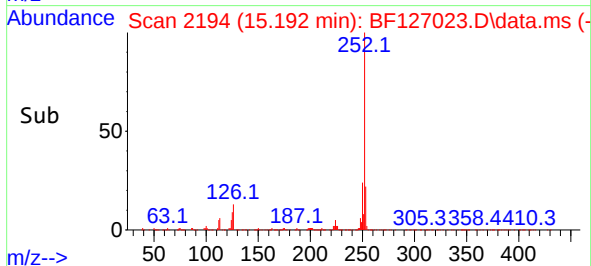
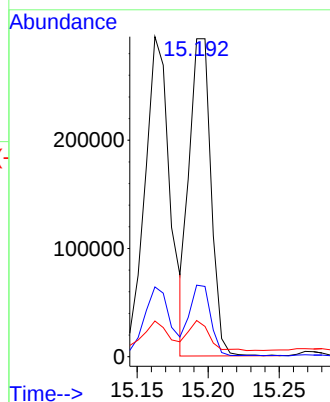
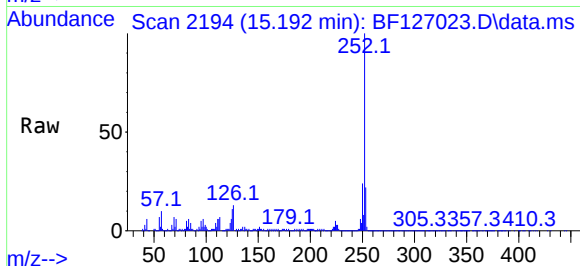
Tgt Ion:252 Resp: 31167

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.4	11.8	17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#90

Benzo(a)pyrene

Concen: 60.903 ng

RT: 15.545 min Scan# 2254

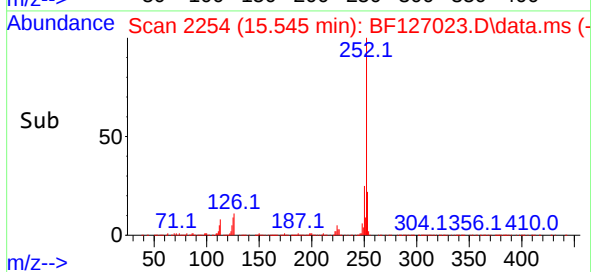
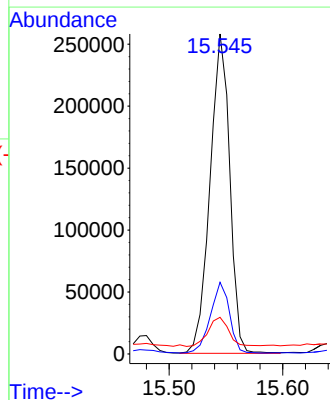
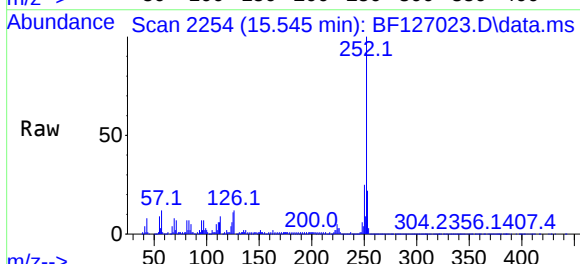
Delta R.T. 0.018 min

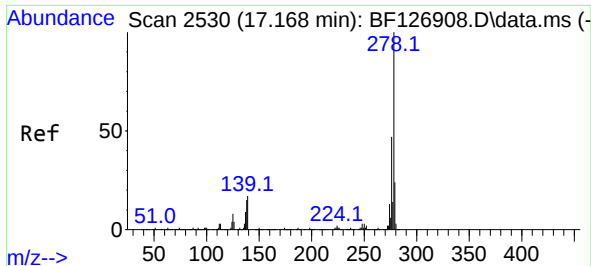
Lab File: BF127023.D

Acq: 22 Feb 2022 22:12

Tgt Ion:252 Resp: 311364

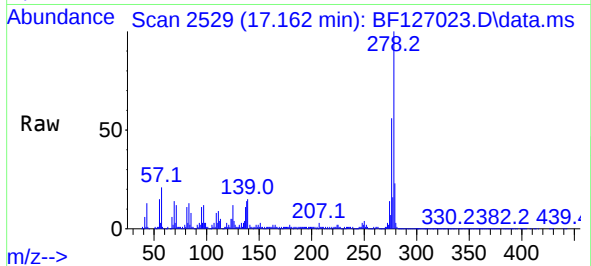
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.4	13.0	19.6





#91
Dibenzo(a,h)anthracene
Concen: 45.013 ng
RT: 17.162 min Scan# 2529
Delta R.T. 0.023 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12

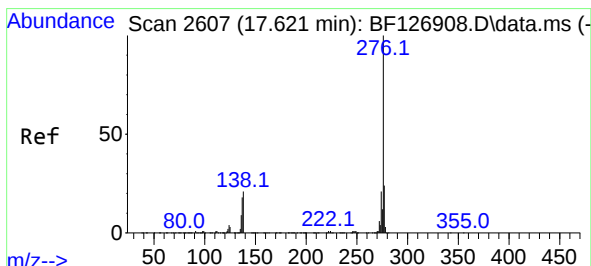
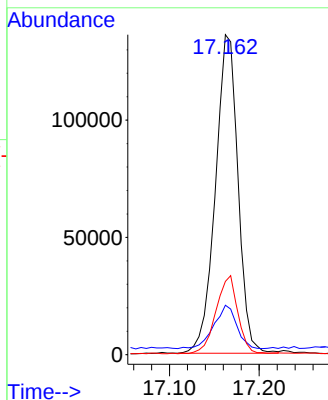
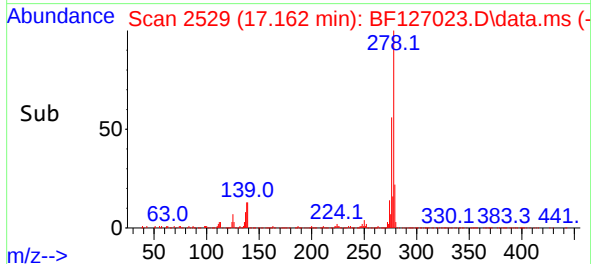
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MSD



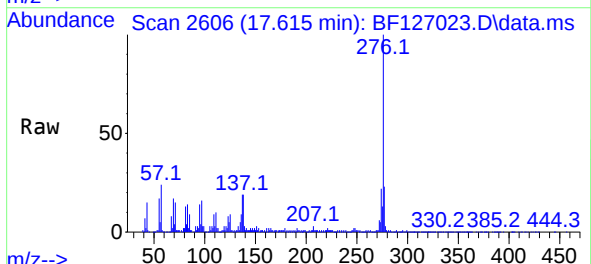
Tgt Ion:278 Resp: 237889
Ion Ratio Lower Upper
278 100
139 15.4 18.0 27.0
279 22.9 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#92
Benzo(g,h,i)perylene
Concen: 46.291 ng
RT: 17.615 min Scan# 2606
Delta R.T. 0.029 min
Lab File: BF127023.D
Acq: 22 Feb 2022 22:12



Tgt Ion:276 Resp: 241185
Ion Ratio Lower Upper
276 100
277 22.7 18.5 27.7
138 18.6 25.9 38.9

