

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127097.D
 Acq On : 28 Feb 2022 13:56
 Operator : CG\JU
 Sample : N1664-22MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/01/2022
 Supervised By : Jagrut Upadhyay 03/01/2022

Quant Time: Feb 28 16:58:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	98227	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	386349	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	199474	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	362111	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	183966	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	174661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	695336	109.409	ng	0.00
7) Phenol-d6	6.534	99	886667	103.394	ng	0.00
23) Nitrobenzene-d5	7.469	82	631553	73.785	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	277443	120.802	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	999300	73.750	ng	0.00
79) Terphenyl-d14	13.022	244	1135431	90.730	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	120024	41.271	ng	97
3) Pyridine	3.510	79	279319	36.618	ng	91
4) n-Nitrosodimethylamine	3.475	42	171608	45.926	ng	# 73
6) Aniline	6.563	93	235979	23.224	ng	95
8) 2-Chlorophenol	6.687	128	342217	50.185	ng	97
9) Benzaldehyde	6.457	77	203882	39.057	ng	99
10) Phenol	6.545	94	451970	52.160	ng	81
11) bis(2-Chloroethyl)ether	6.640	93	327345	48.165	ng	98
12) 1,3-Dichlorobenzene	6.845	146	354206	48.153	ng	99
13) 1,4-Dichlorobenzene	6.922	146	362232	48.574	ng	98
14) 1,2-Dichlorobenzene	7.075	146	334990	47.105	ng	97
15) Benzyl Alcohol	7.045	79	332098	45.968	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	436515	40.788	ng	94
17) 2-Methylphenol	7.157	107	276626	46.888	ng	94
18) Hexachloroethane	7.416	117	140116	49.018	ng	# 86
19) n-Nitroso-di-n-propyla...	7.316	70	258297	46.743	ng	97
20) 3+4-Methylphenols	7.310	107	361074	47.131	ng	# 85
22) Acetophenone	7.316	105	491392	48.307	ng	# 96
24) Nitrobenzene	7.487	77	395211	48.877	ng	95
25) Isophorone	7.722	82	684451	48.325	ng	# 98
26) 2-Nitrophenol	7.804	139	175815	51.069	ng	# 87
27) 2,4-Dimethylphenol	7.834	122	301876	53.376	ng	90
28) bis(2-Chloroethoxy)met...	7.934	93	384054	44.727	ng	97
29) 2,4-Dichlorophenol	8.045	162	260038	48.905	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	279319	46.987	ng	99
31) Naphthalene	8.210	128	943482	46.781	ng	99
32) Benzoic acid	7.963	122	206923	51.589	ng	90
33) 4-Chloroaniline	8.251	127	49317	6.213	ng	93
34) Hexachlorobutadiene	8.316	225	172963	49.837	ng	97
35) Caprolactam	8.639	113	92252m	49.683	ng	
36) 4-Chloro-3-methylphenol	8.739	107	338711	49.843	ng	96
37) 2-Methylnaphthalene	8.898	142	645845	49.351	ng	99
38) 1-Methylnaphthalene	8.998	142	598069	47.724	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	263715	50.223	ng	97
41) Hexachlorocyclopentadiene	9.051	237	301419	105.840	ng	95
43) 2,4,6-Trichlorophenol	9.181	196	185577	48.187	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	194302	47.945	ng	95
46) 1,1'-Biphenyl	9.363	154	753686	47.690	ng	98
47) 2-Chloronaphthalene	9.392	162	546886	46.664	ng	94
48) 2-Nitroaniline	9.492	65	212996	46.056	ng	95
49) Acenaphthylene	9.810	152	939697	49.362	ng	98
50) Dimethylphthalate	9.669	163	673492	47.236	ng	99
51) 2,6-Dinitrotoluene	9.733	165	150174	51.769	ng	98
52) Acenaphthene	9.981	154	646824m	52.245	ng	
53) 3-Nitroaniline	9.898	138	57872	16.320	ng	97
54) 2,4-Dinitrophenol	10.010	184	156586	101.983	ng	# 89
55) Dibenzofuran	10.157	168	788163	46.297	ng	94
56) 4-Nitrophenol	10.069	139	234914	89.697	ng	# 79
57) 2,4-Dinitrotoluene	10.139	165	199388	50.835	ng	# 95
58) Fluorene	10.498	166	634710	47.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	153147	47.667	ng	97
60) Diethylphthalate	10.369	149	710674	47.701	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	295871	47.317	ng	99
62) 4-Nitroaniline	10.522	138	147209	42.041	ng	# 79
63) Azobenzene	10.645	77	731144	44.072	ng	94
65) 4,6-Dinitro-2-methylph...	10.545	198	97431	45.793	ng	96
66) n-Nitrosodiphenylamine	10.610	169	554836	46.727	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	196831	48.650	ng	96
68) Hexachlorobenzene	11.045	284	217609	49.961	ng	93
69) Atrazine	11.133	200	188181	51.099	ng	98
70) Pentachlorophenol	11.239	266	223590	94.040	ng	98
71) Phenanthrene	11.463	178	967556	47.738	ng	99
72) Anthracene	11.516	178	991114	49.121	ng	99
73) Carbazole	11.669	167	807215	43.625	ng	99
74) Di-n-butylphthalate	11.992	149	1091007	45.865	ng	99
75) Fluoranthene	12.657	202	892472	46.375	ng	93
77) Benzidine	12.774	184	192771	38.559	ng	98
78) Pyrene	12.886	202	900089	56.316	ng	100
80) Butylbenzylphthalate	13.498	149	391353	51.722	ng	85
81) Benzo(a)anthracene	14.074	228	584031	47.091	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	66920	17.121	ng	# 94
83) Chrysene	14.110	228	551615	47.297	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	498264	50.159	ng	# 98
85) Di-n-octyl phthalate	14.668	149	675972	47.262	ng	95
87) Indeno(1,2,3-cd)pyrene	17.109	276	645710	56.380	ng	# 85
88) Benzo(b)fluoranthene	15.139	252	521789	44.480	ng	# 92
89) Benzo(k)fluoranthene	15.168	252	514959	45.512	ng	# 93
90) Benzo(a)pyrene	15.515	252	530296	57.874	ng	# 94
91) Dibenzo(a,h)anthracene	17.127	278	547513	57.803	ng	# 91
92) Benzo(g,h,i)perylene	17.574	276	543589	58.212	ng	# 86

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

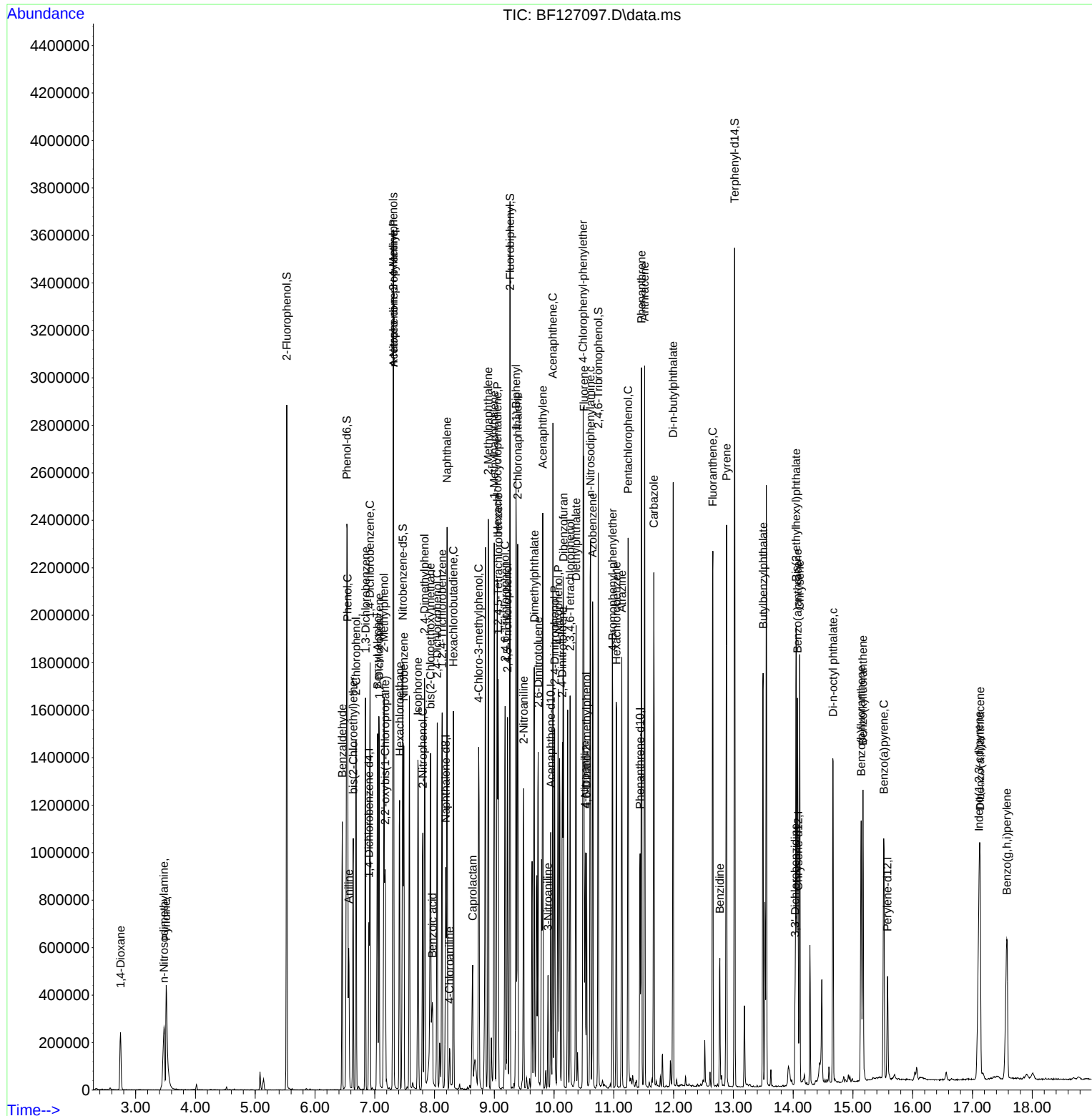
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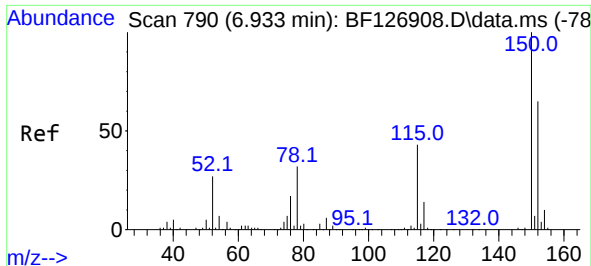
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

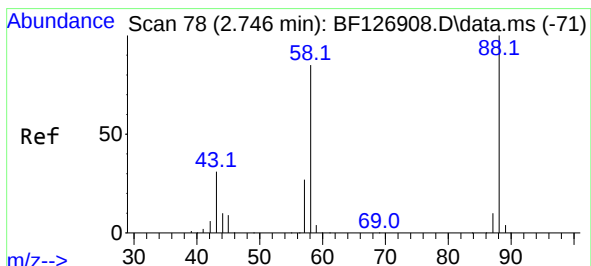
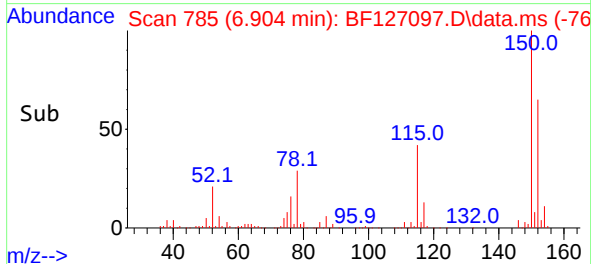
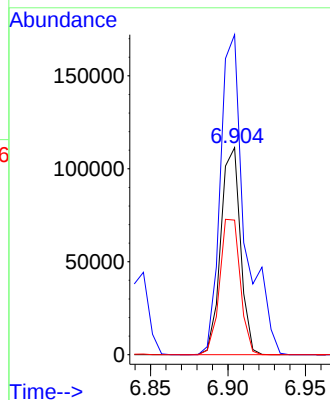
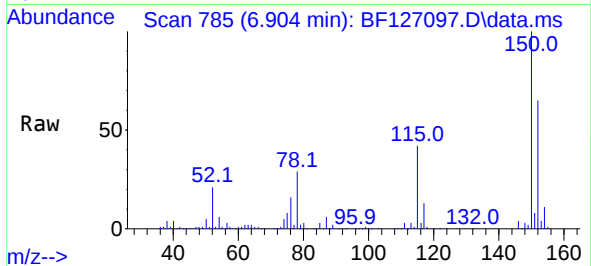
TP-8MSD

Tgt Ion:152 Resp: 9822
Ion Ratio Lower Upper
152 100
150 154.5 128.1 192.1
115 65.0 56.7 85.1

Manual Integrations

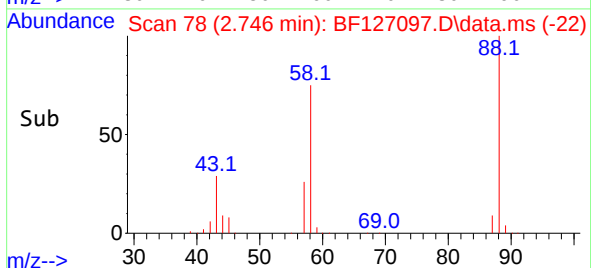
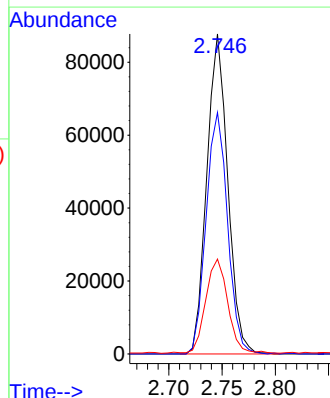
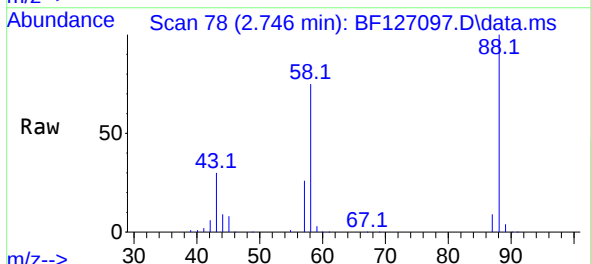
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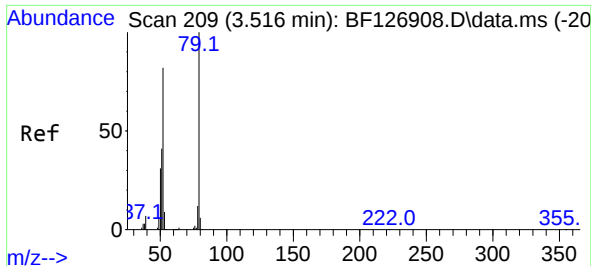
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#2
1,4-Dioxane
Concen: 41.271 ng
RT: 2.746 min Scan# 78
Delta R.T. 0.030 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

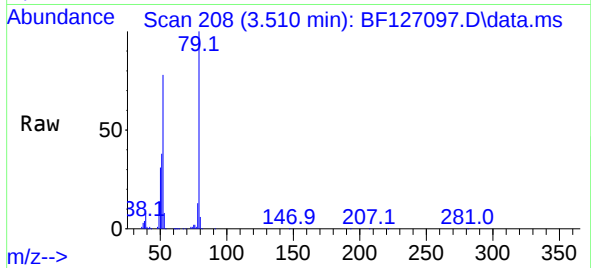
Tgt Ion: 88 Resp: 120024
Ion Ratio Lower Upper
88 100
58 77.3 62.8 94.2
43 31.1 22.3 33.5





#3
Pyridine
Concen: 36.618 ng
RT: 3.510 min Scan# 209
Delta R.T. 0.024 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

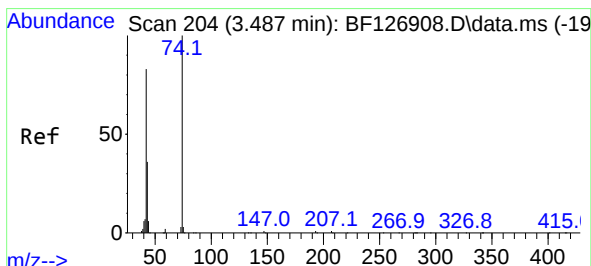
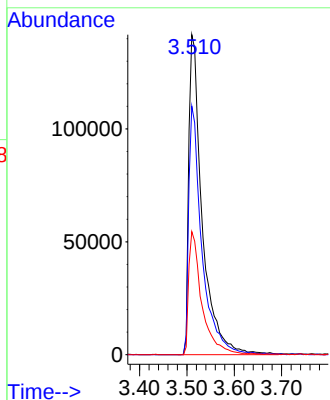
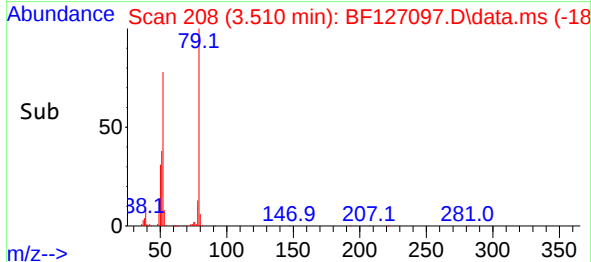
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ClientSampleId :
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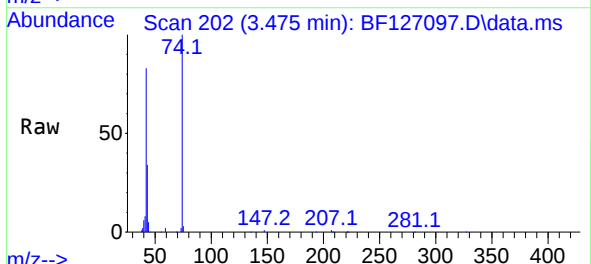
Tgt Ion: 79 Resp: 279319
Ion Ratio Lower Upper
79 100
52 77.6 56.2 84.4
51 38.5 26.7 40.1

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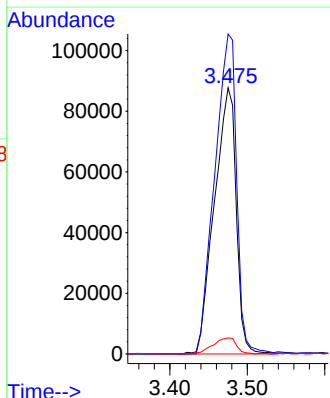
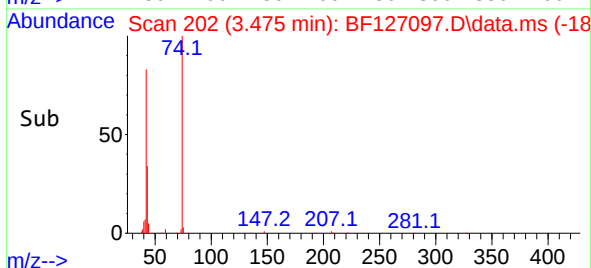
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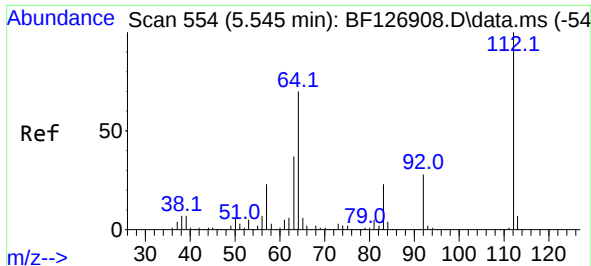


#4
n-Nitrosodimethylamine
Concen: 45.926 ng
RT: 3.475 min Scan# 202
Delta R.T. 0.018 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion: 42 Resp: 171608
Ion Ratio Lower Upper
42 100
74 120.2 125.6 188.4
44 6.0 5.7 8.5





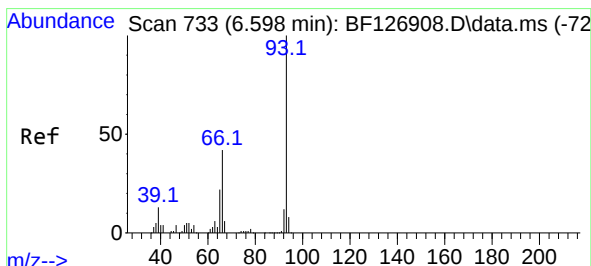
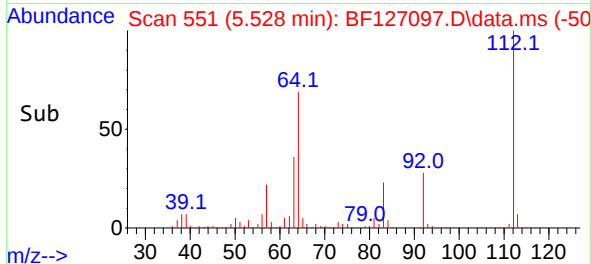
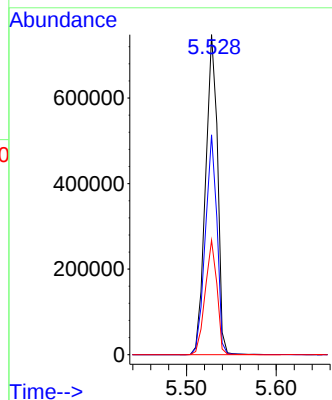
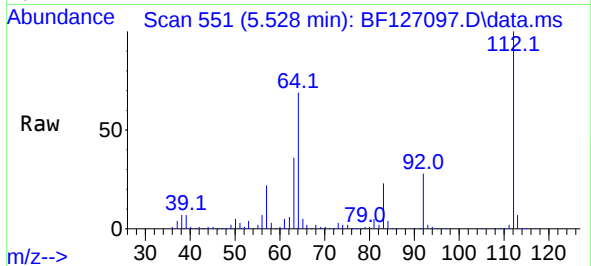
#5
2-Fluorophenol
Concen: 109.409 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 695330
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 35.8 23.9 35.9

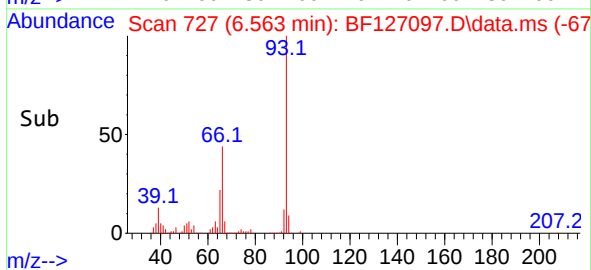
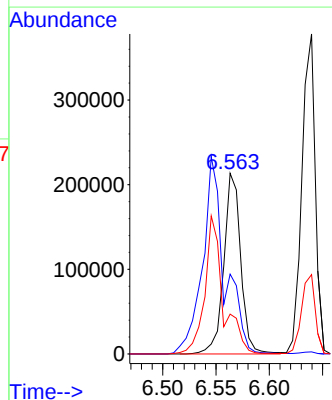
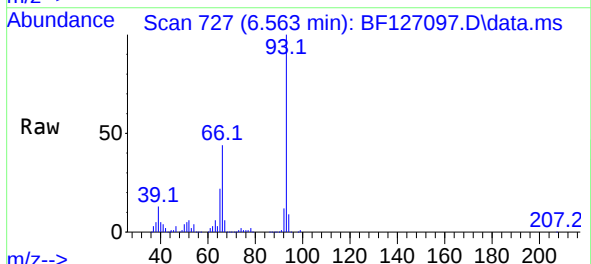
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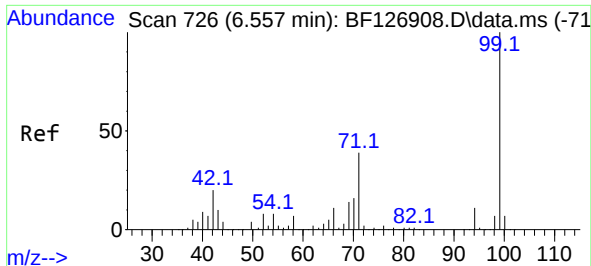
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#6
Aniline
Concen: 23.224 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

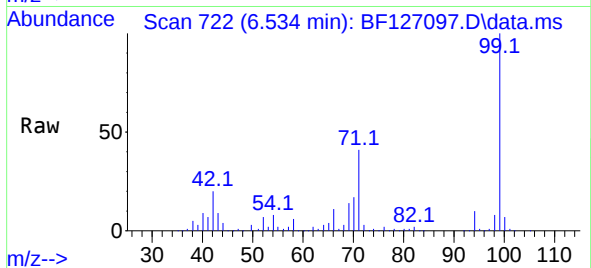
Tgt Ion: 93 Resp: 235979
Ion Ratio Lower Upper
93 100
66 44.2 32.2 48.4
65 22.0 16.3 24.5





#7
Phenol-d6
Concen: 103.394 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127097.D
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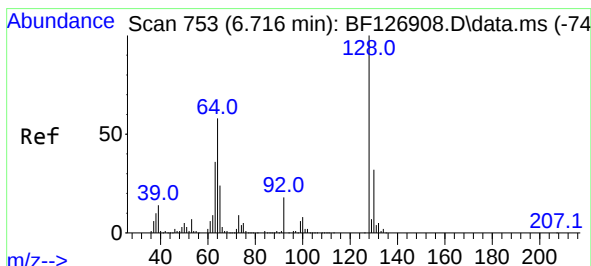
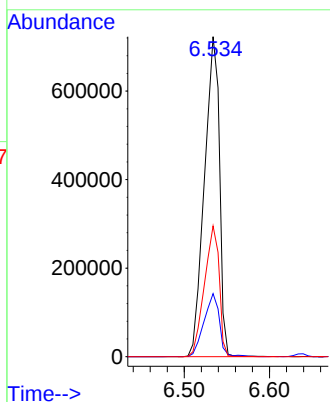
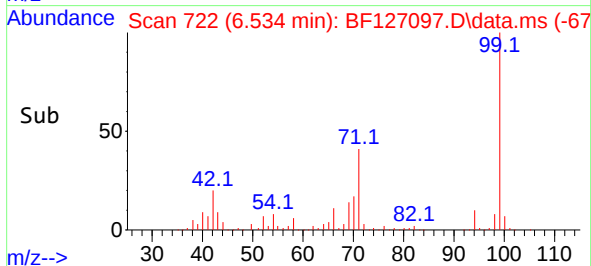
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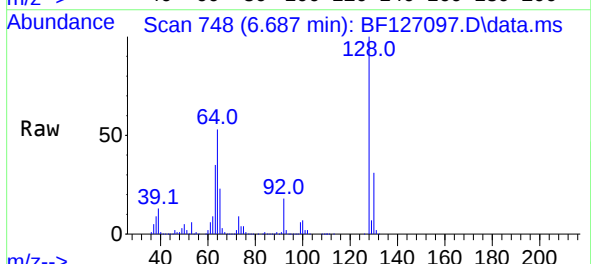
Tgt Ion: 99 Resp: 88666
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 40.9 24.3 36.5

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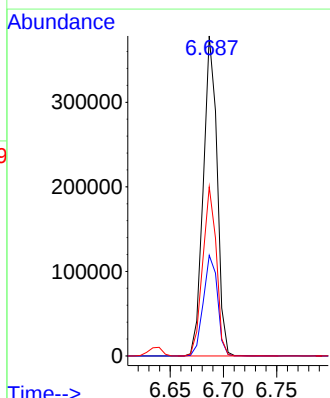
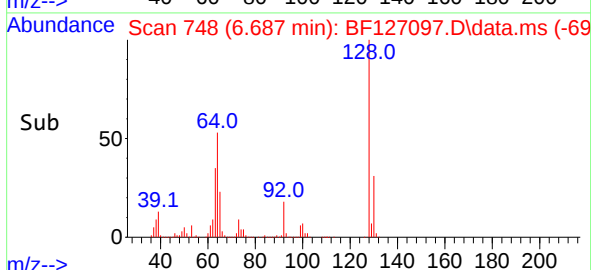
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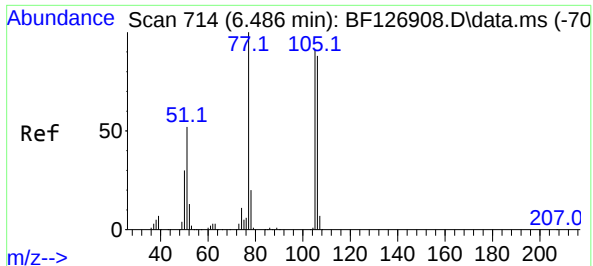


#8
2-Chlorophenol
Concen: 50.185 ng
RT: 6.687 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



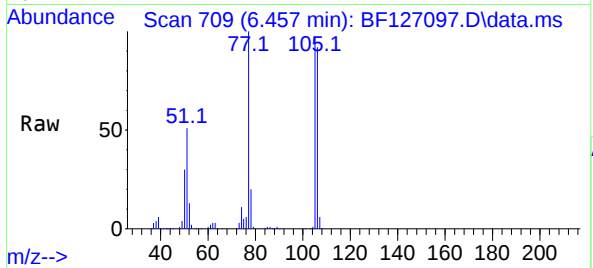
Tgt Ion:128 Resp: 342217
Ion Ratio Lower Upper
128 100
130 31.4 12.7 52.7
64 52.8 35.6 75.6





#9
Benzaldehyde
Concen: 39.057 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF127097.D
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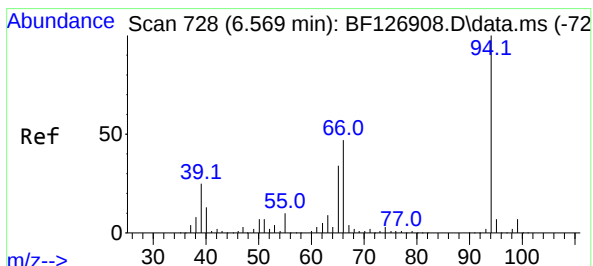
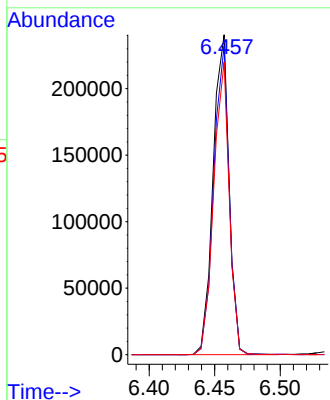
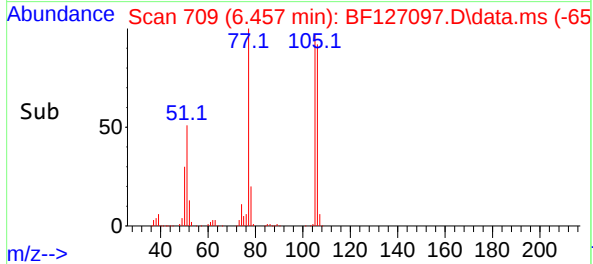
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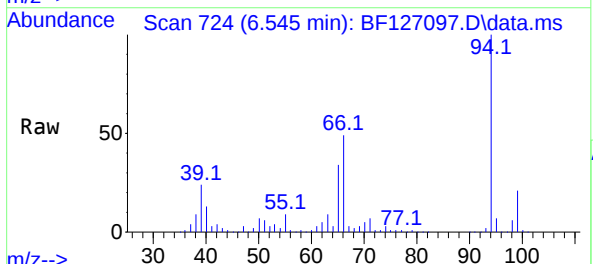
Tgt Ion: 77 Resp: 20388
Ion Ratio Lower Upper
77 100
105 96.5 74.9 114.9
106 91.5 72.4 112.4

Manual Integrations
APPROVED

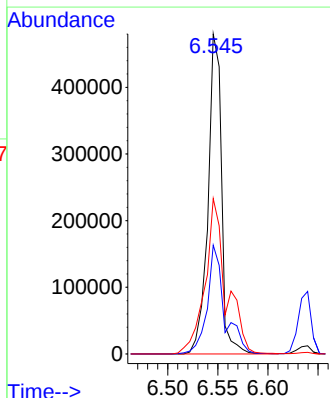
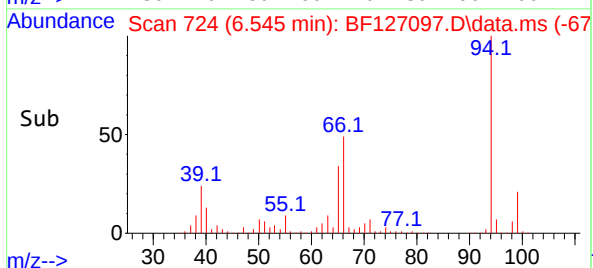
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

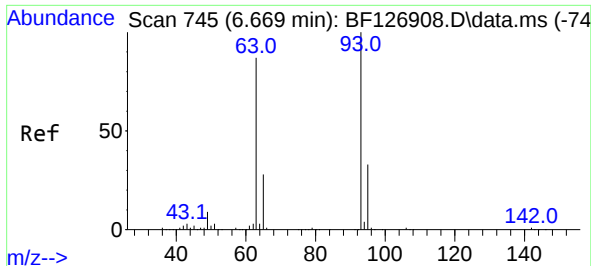


#10
Phenol
Concen: 52.160 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion: 94 Resp: 451970
Ion Ratio Lower Upper
94 100
65 34.0 7.2 47.2
66 48.5 14.5 54.5





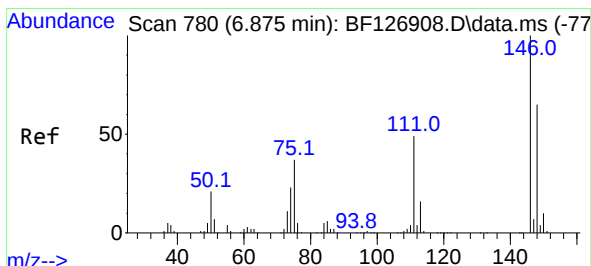
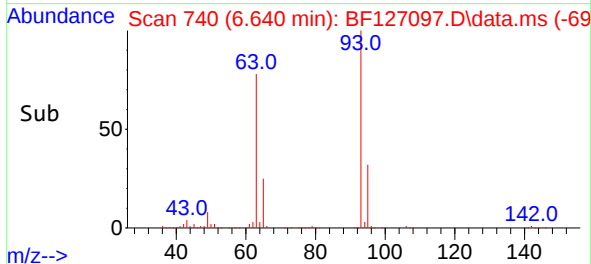
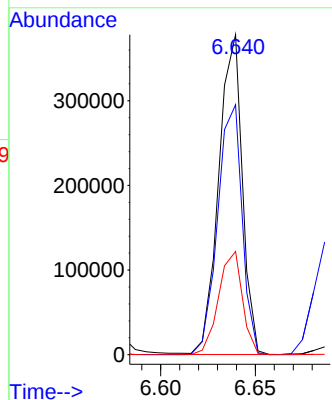
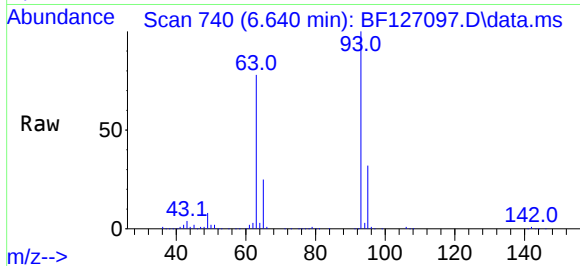
#11
bis(2-Chloroethyl)ether
Concen: 48.165 ng
RT: 6.640 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion: 93 Resp: 327345
Ion Ratio Lower Upper
93 100
63 78.1 60.5 100.5
95 32.3 12.9 52.9

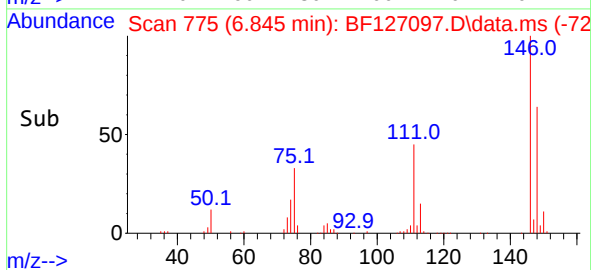
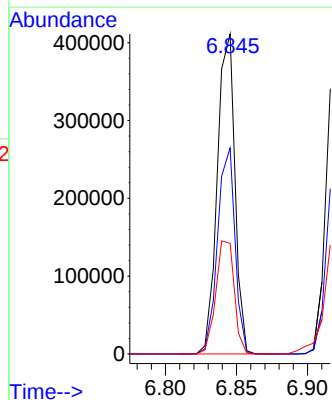
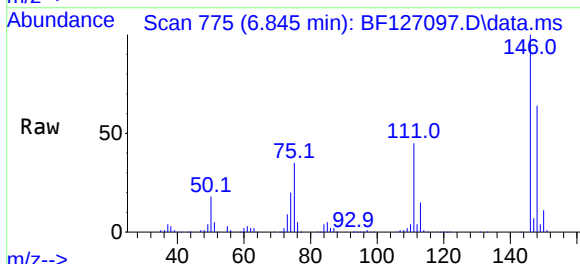
Manual Integrations
APPROVED

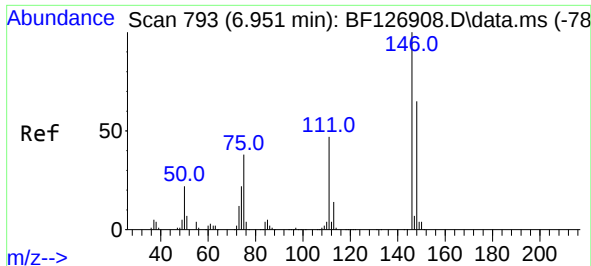
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#12
1,3-Dichlorobenzene
Concen: 48.153 ng
RT: 6.845 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

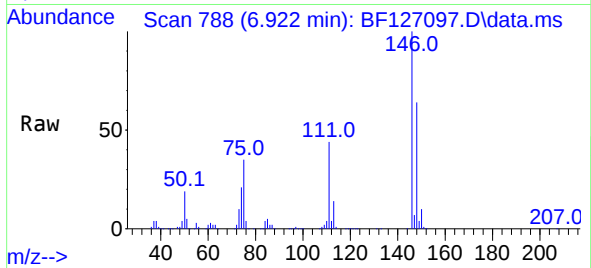
Tgt Ion:146 Resp: 354206
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 34.5 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 48.574 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

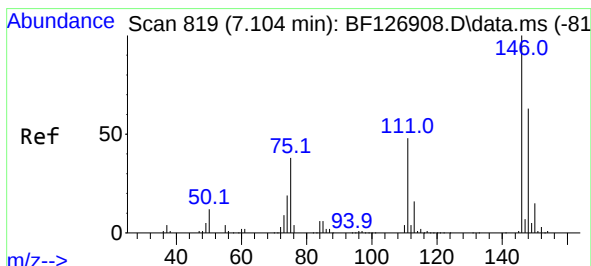
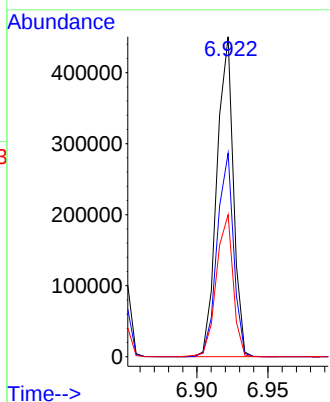
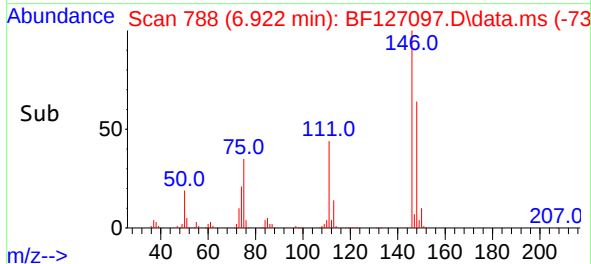
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



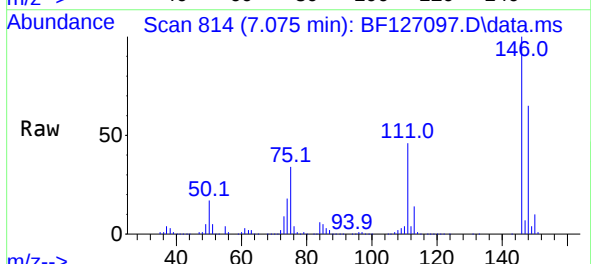
Tgt Ion:146 Resp: 36223
Ion Ratio Lower Upper
146 100
148 63.6 49.8 74.6
111 44.3 36.1 54.1

Manual Integrations
APPROVED

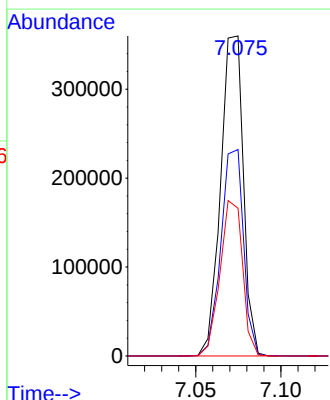
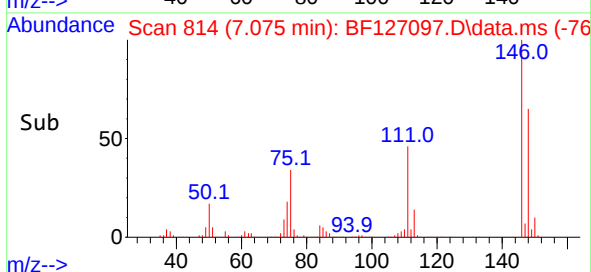
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

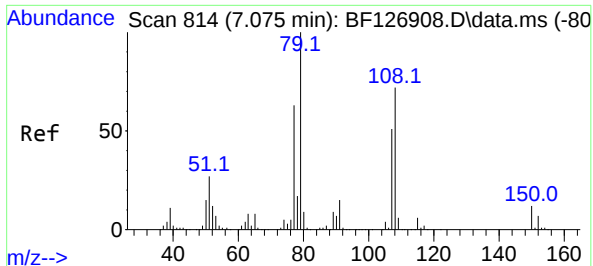


#14
1,2-Dichlorobenzene
Concen: 47.105 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



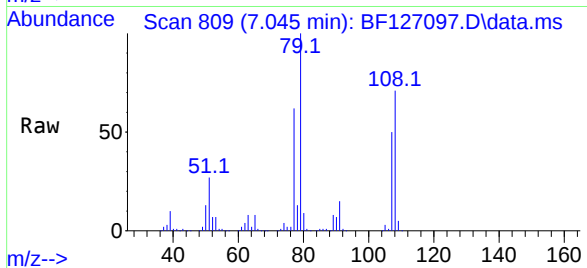
Tgt Ion:146 Resp: 334990
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 46.2 40.2 60.2





#15
Benzyl Alcohol
Concen: 45.968 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

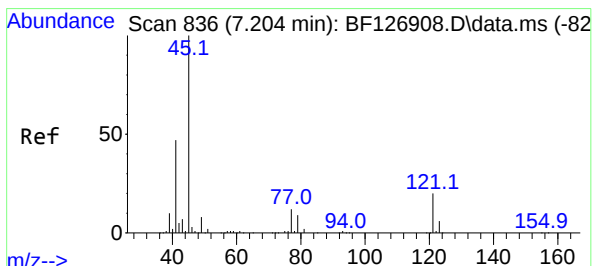
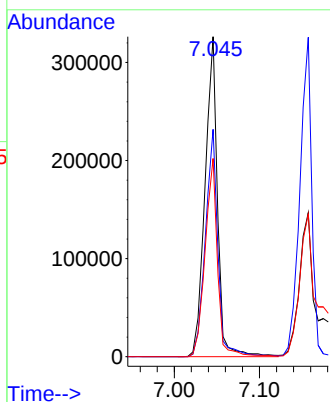
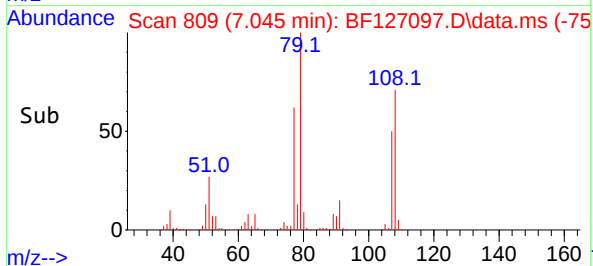
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



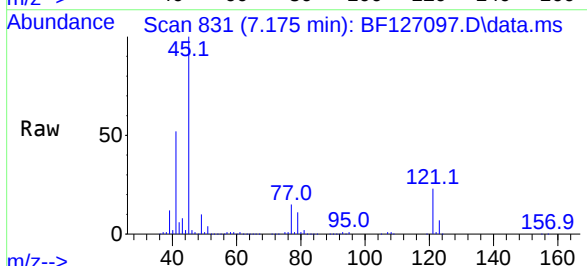
Tgt Ion: 79 Resp: 332098
Ion Ratio Lower Upper
79 100
108 71.1 63.2 94.8
77 61.9 49.4 74.2

Manual Integrations
APPROVED

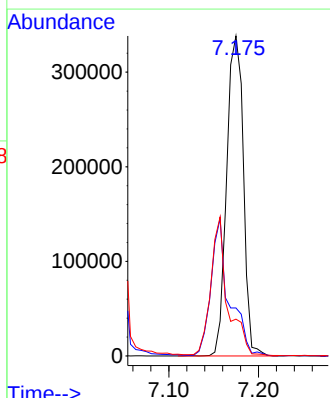
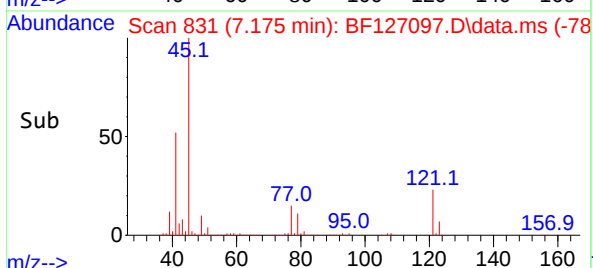
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

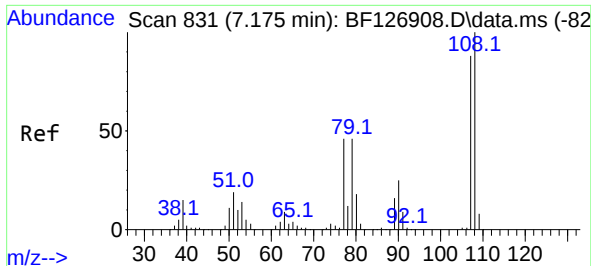


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.788 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



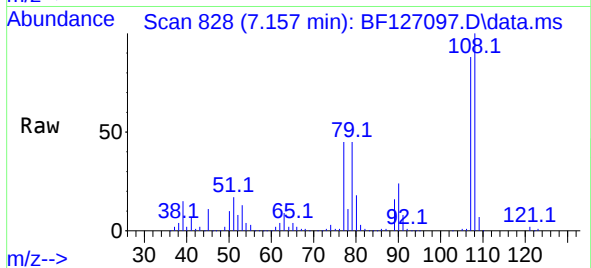
Tgt Ion: 45 Resp: 436515
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.4
79 11.5 0.0 29.8





#17
2-Methylphenol
Concen: 46.888 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

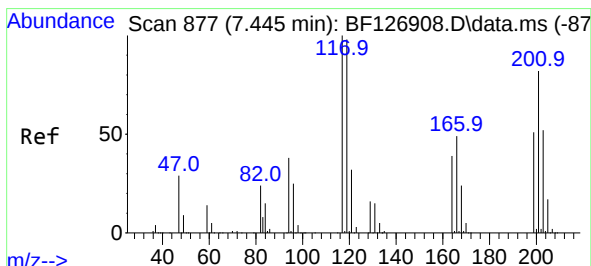
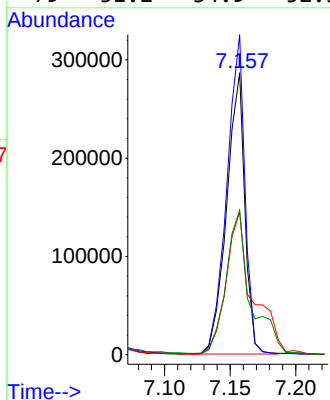
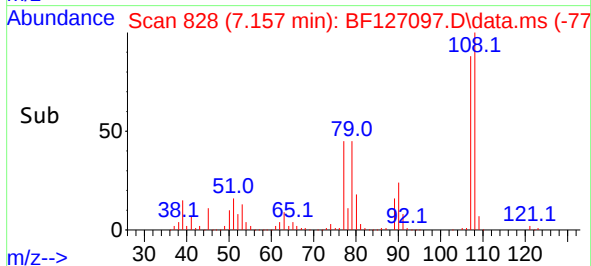
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:107 Resp: 276620
Ion Ratio Lower Upper
107 100
108 113.5 93.4 140.0
77 50.7 36.1 54.1
79 51.2 34.9 52.3

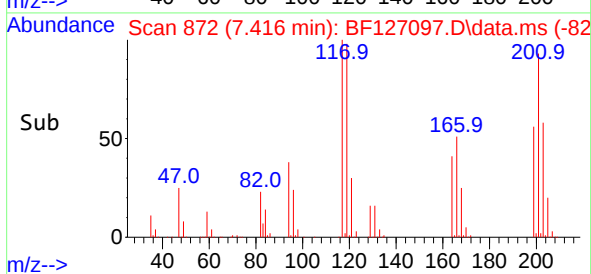
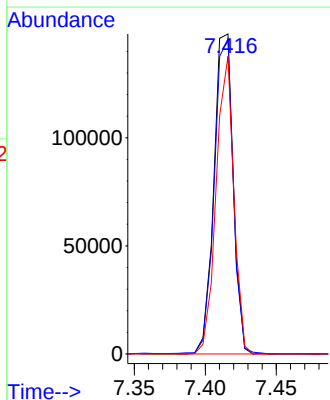
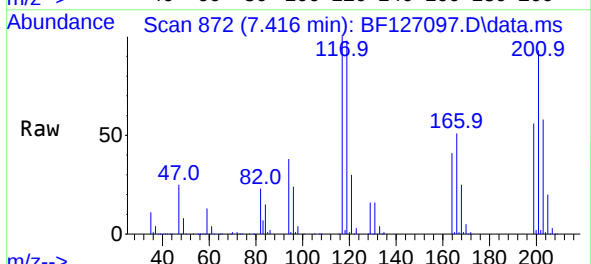
Manual Integrations
APPROVED

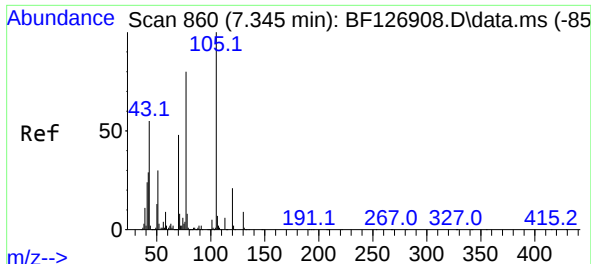
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#18
Hexachloroethane
Concen: 49.018 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

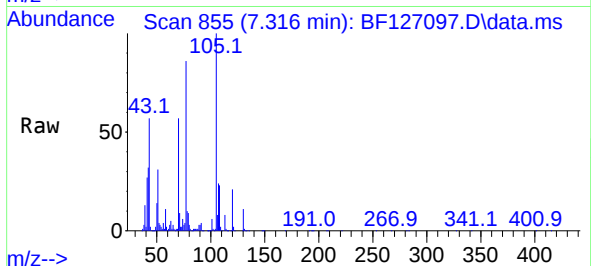
Tgt Ion:117 Resp: 140116
Ion Ratio Lower Upper
117 100
119 98.5 75.4 113.0
201 93.0 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.743 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

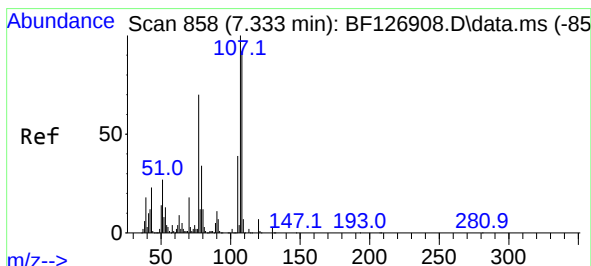
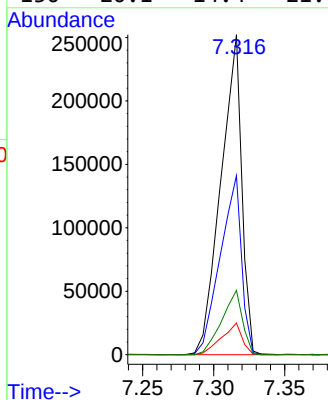
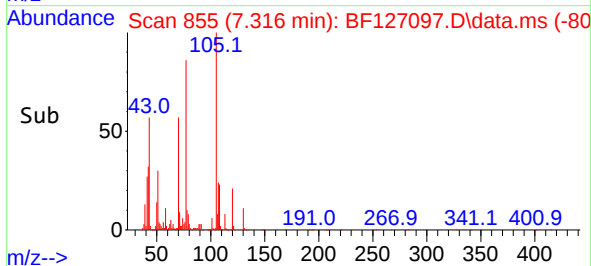
Instrument :
BNA_F
Client SampleId :
TP-8MSD



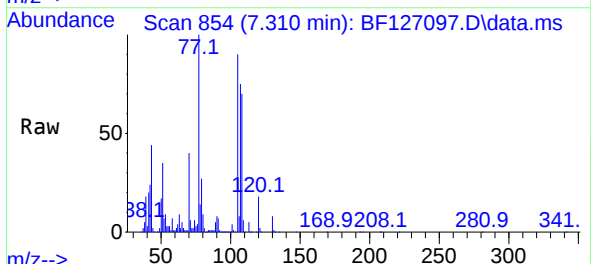
Tgt Ion: 70 Resp: 25829
Ion Ratio Lower Upper
70 100
42 56.0 45.8 68.8
101 9.9 6.9 10.3
130 20.1 14.4 21.6

Manual Integrations
APPROVED

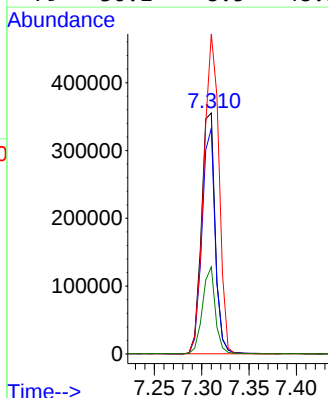
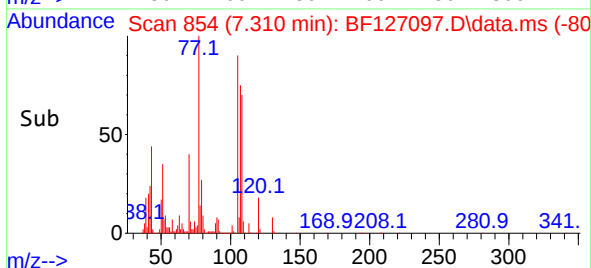
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

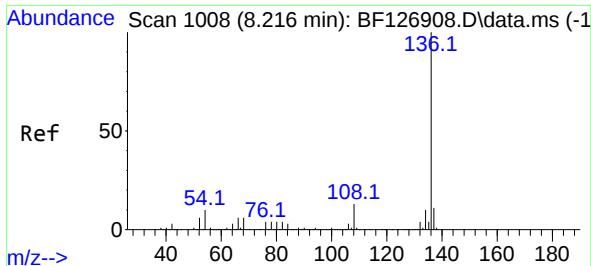


#20
3+4-Methylphenols
Concen: 47.131 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:107 Resp: 361074
Ion Ratio Lower Upper
107 100
108 93.6 72.4 112.4
77 132.8 83.8 123.8#
79 36.1 8.5 48.5





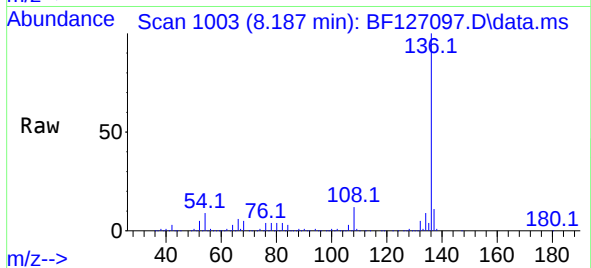
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

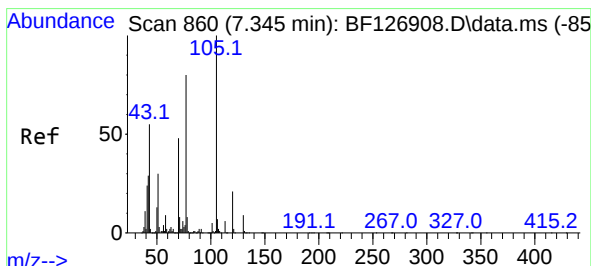
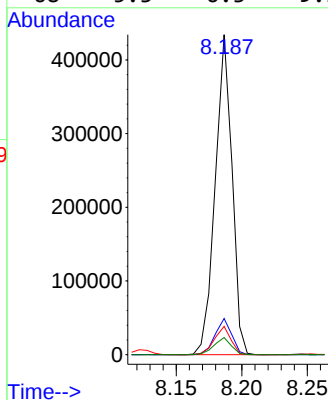
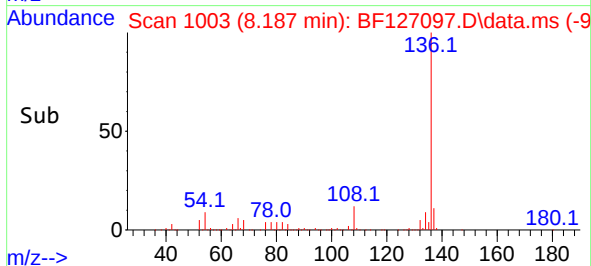


Tgt Ion:136 Resp: 386349
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.8 11.6
68 5.3 6.3 9.5#

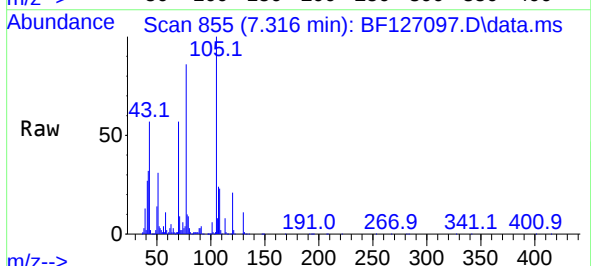
Manual Integrations

APPROVED

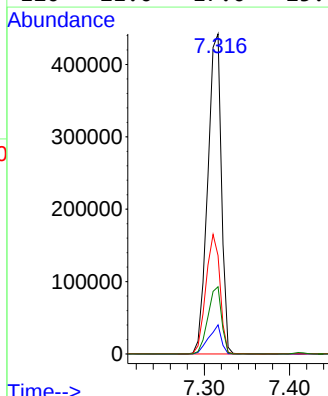
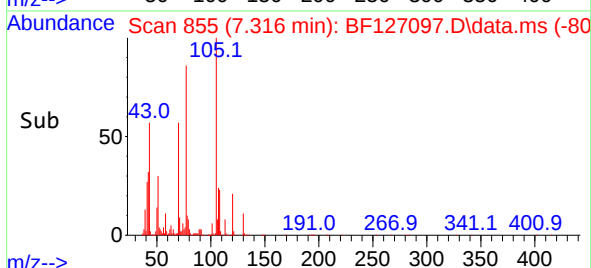
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

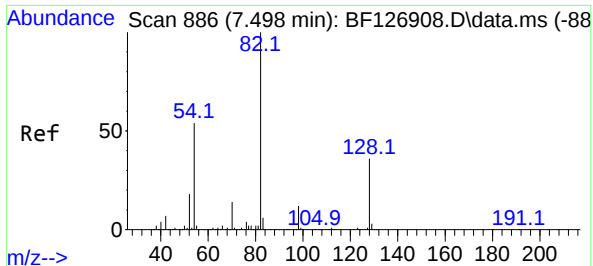


#22
Acetophenone
Concen: 48.307 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:105 Resp: 491392
Ion Ratio Lower Upper
105 100
71 9.1 5.4 8.0#
51 30.7 27.4 41.0
120 21.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.785 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tgt Ion: 82 Resp: 63155

Ion Ratio Lower Upper

82 100

128 38.4 32.7 49.1

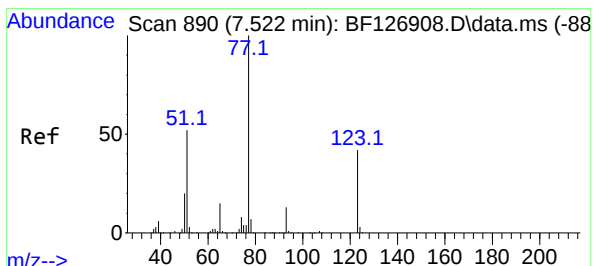
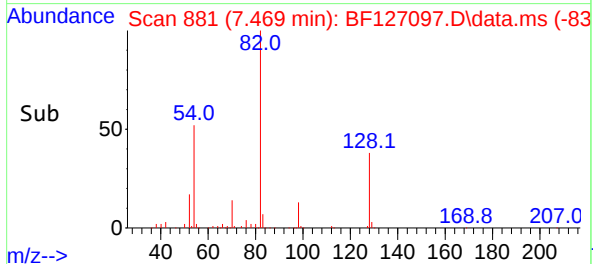
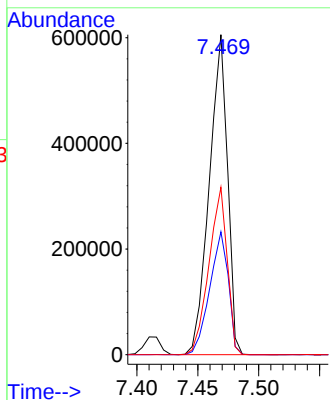
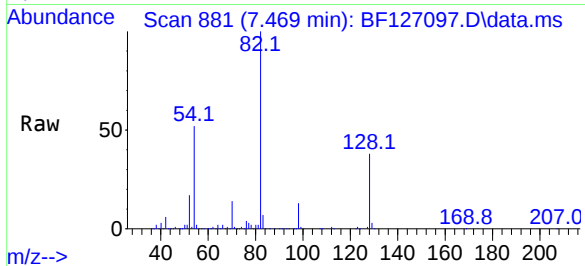
54 52.3 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#24

Nitrobenzene

Concen: 48.877 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.012 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

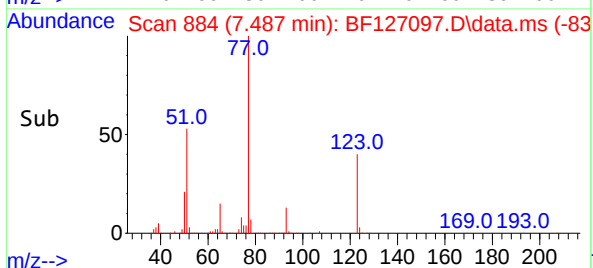
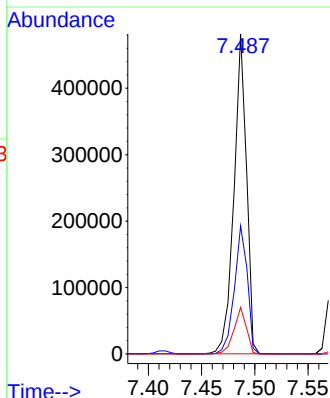
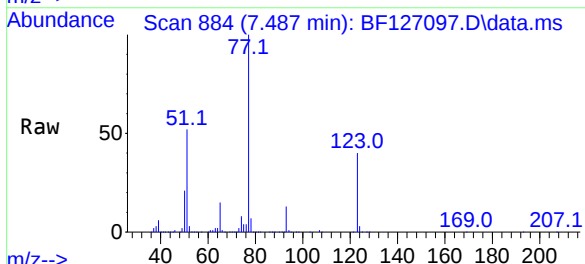
Tgt Ion: 77 Resp: 395211

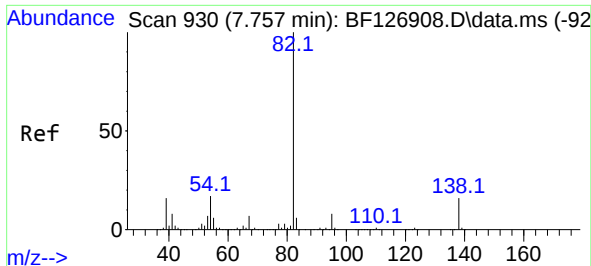
Ion Ratio Lower Upper

77 100

123 40.1 34.6 52.0

65 14.5 10.6 15.8





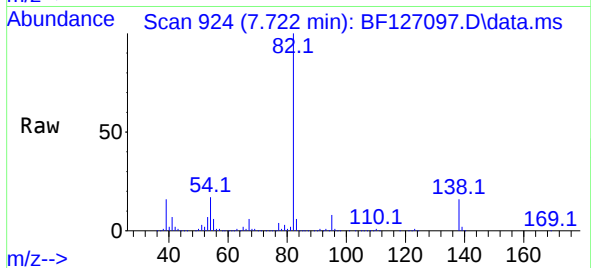
#25
Isophorone
Concen: 48.325 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

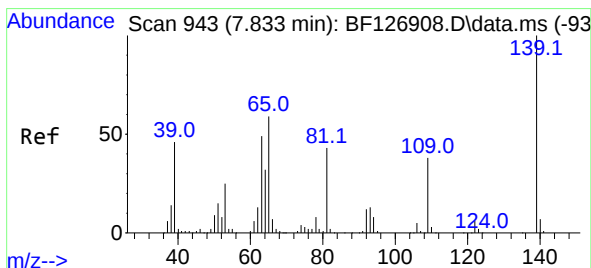
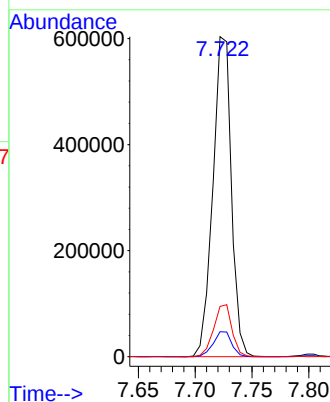
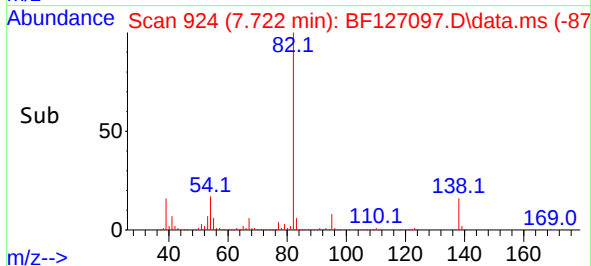


Tgt Ion: 82 Resp: 68445
Ion Ratio Lower Upper
82 100
95 7.8 5.0 7.4
138 15.7 12.3 18.5

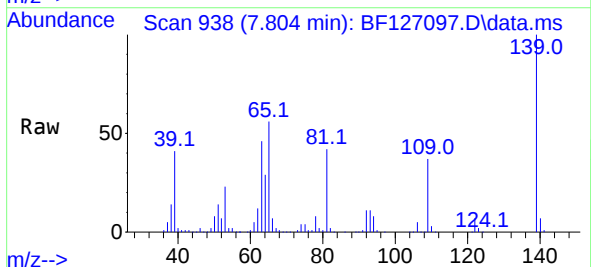
Manual Integrations

APPROVED

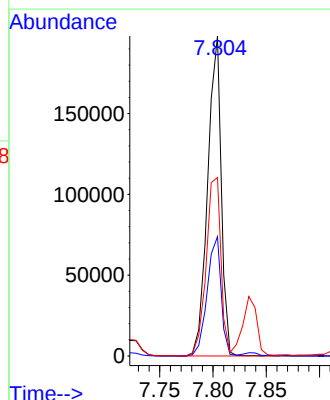
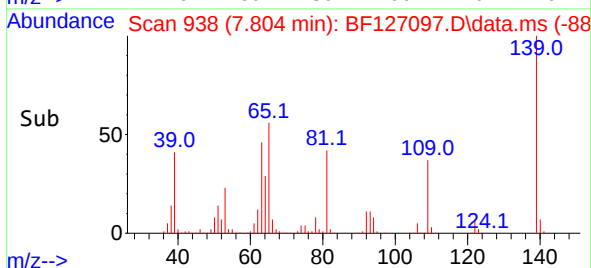
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

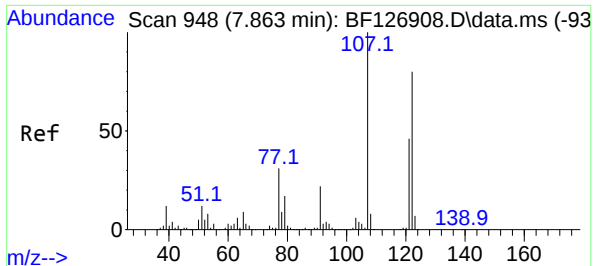


#26
2-Nitrophenol
Concen: 51.069 ng
RT: 7.804 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



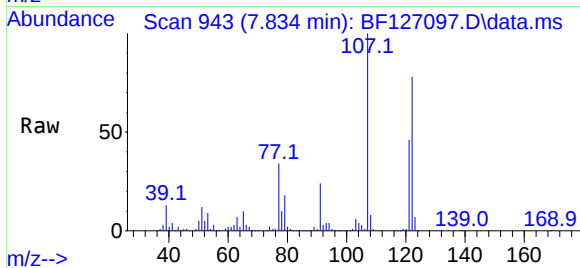
Tgt Ion:139 Resp: 175815
Ion Ratio Lower Upper
139 100
109 37.3 20.0 30.0
65 55.8 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 53.376 ng
RT: 7.834 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

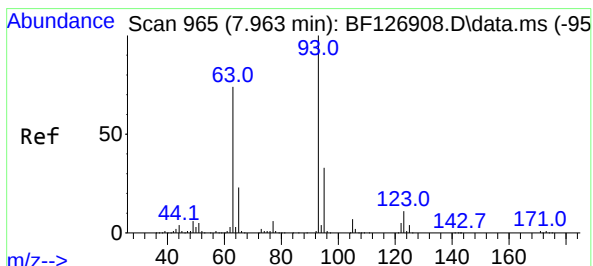
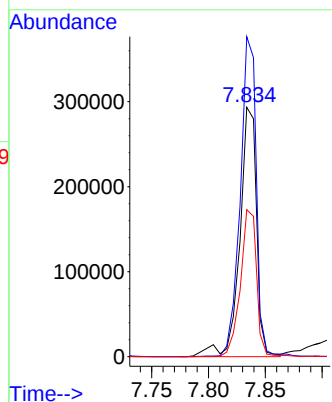
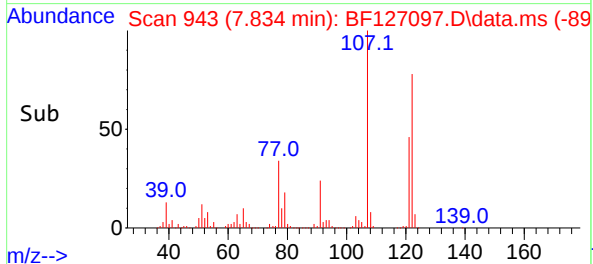
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:122 Resp: 301870
Ion Ratio Lower Upper
122 100
107 128.3 91.2 136.8
121 59.0 44.4 66.6

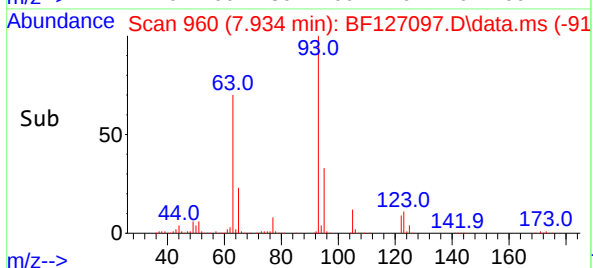
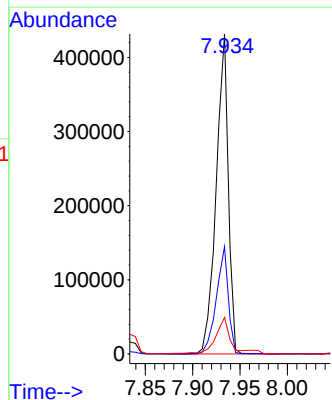
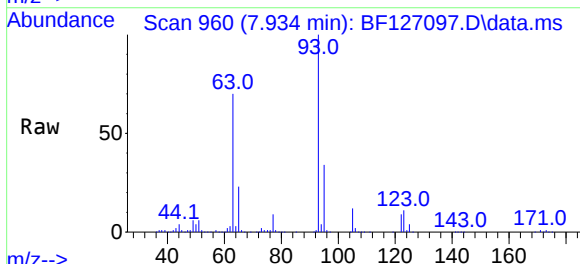
Manual Integrations
APPROVED

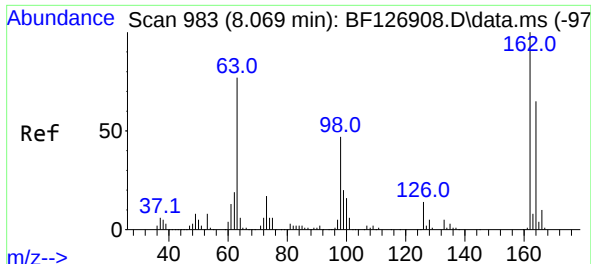
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#28
bis(2-Chloroethoxy)methane
Concen: 44.727 ng
RT: 7.934 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion: 93 Resp: 384054
Ion Ratio Lower Upper
93 100
95 33.6 25.4 38.2
123 11.4 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.905 ng

RT: 8.045 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tgt Ion:162 Resp: 260038

Ion Ratio Lower Upper

162 100

164 63.0 43.8 83.8

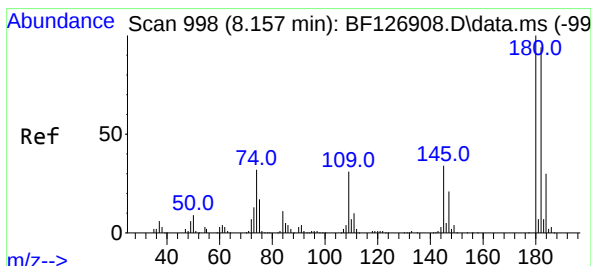
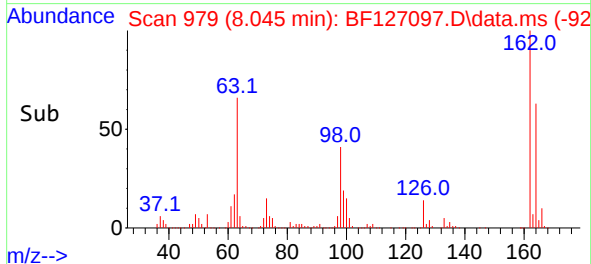
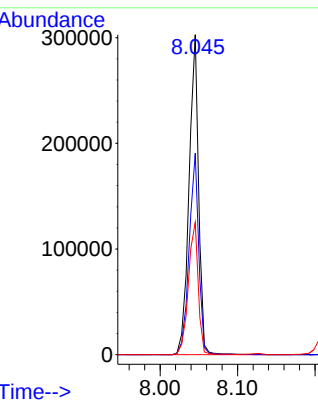
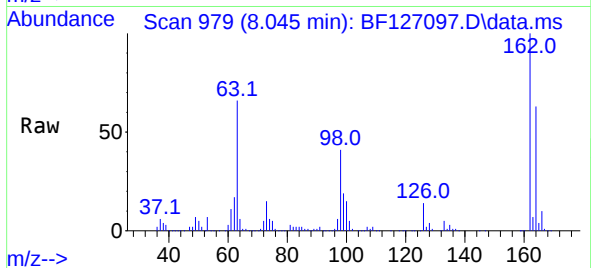
98 41.3 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.987 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

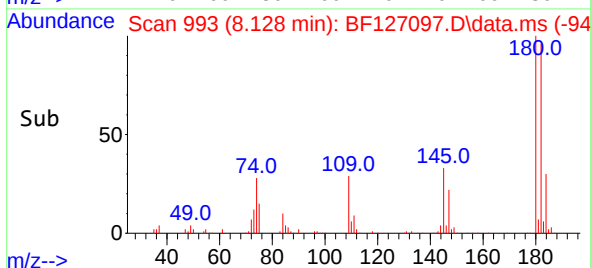
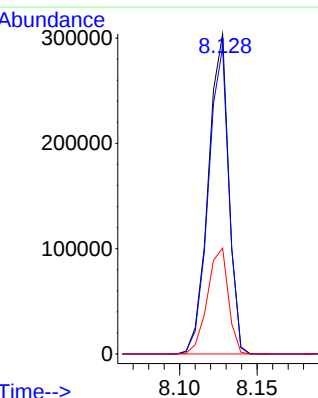
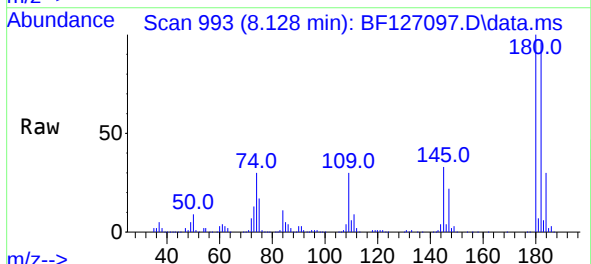
Tgt Ion:180 Resp: 279319

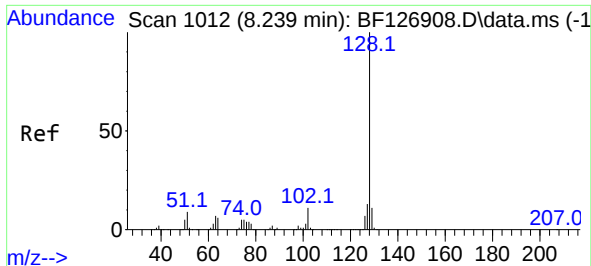
Ion Ratio Lower Upper

180 100

182 95.8 75.5 113.3

145 33.1 26.2 39.2





#31
Naphthalene
Concen: 46.781 ng
RT: 8.210 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

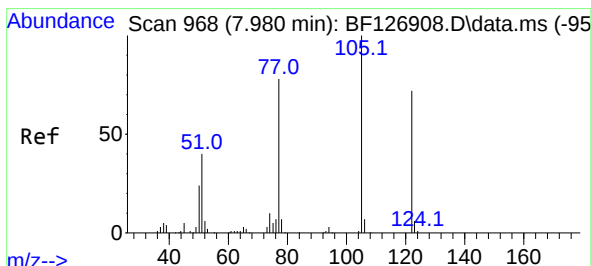
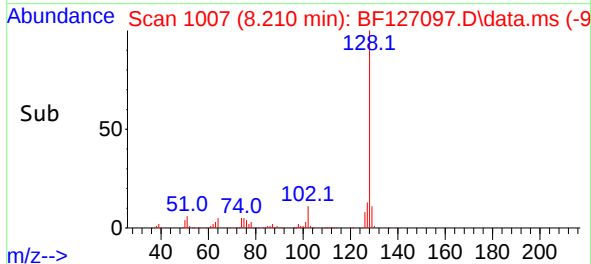
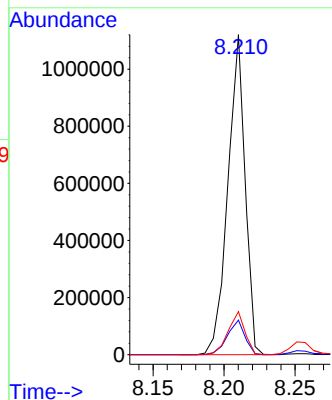
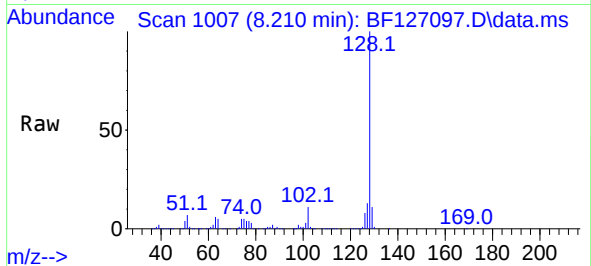
TP-8MSD

Tgt Ion:128 Resp: 94348
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.4 10.3 15.5

Manual Integrations

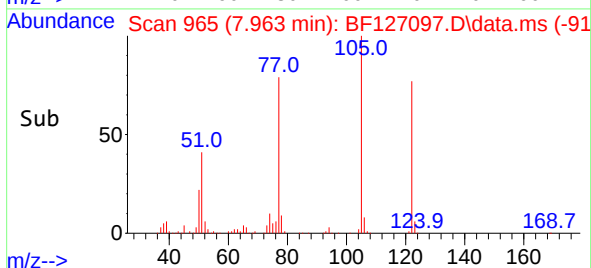
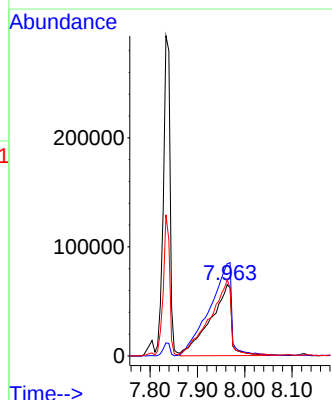
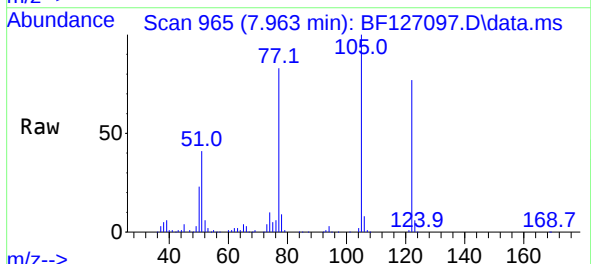
APPROVED

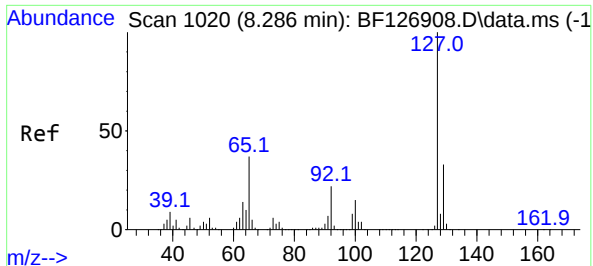
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#32
Benzoic acid
Concen: 51.589 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:122 Resp: 206923
Ion Ratio Lower Upper
122 100
105 129.4 101.0 141.0
77 106.8 74.5 114.5





#33
4-Chloroaniline
Concen: 6.213 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

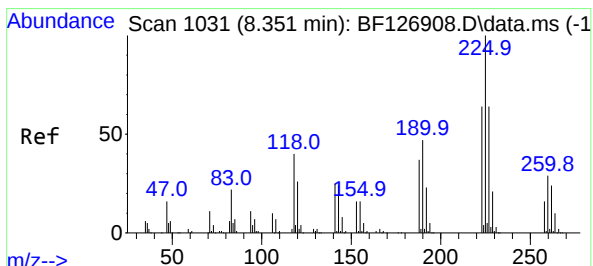
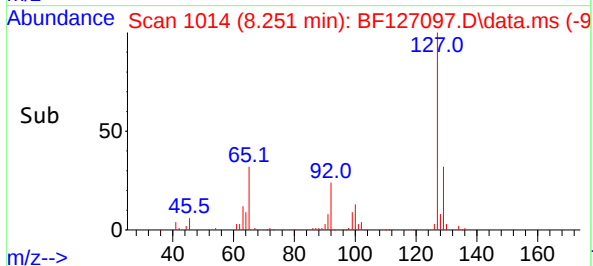
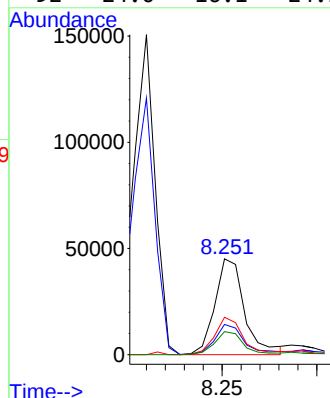
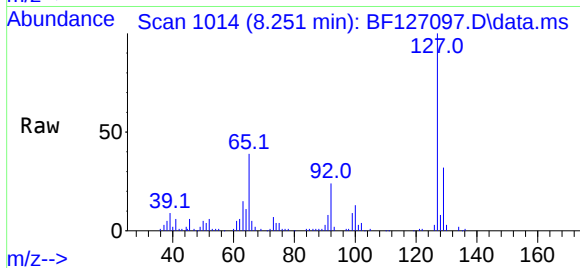
TP-8MSD

Tgt Ion:127	Resp:	4931
Ion Ratio	Lower	Upper
127	100	
129	31.5	26.5 39.7
65	39.1	26.6 39.8
92	24.0	16.1 24.1

Manual Integrations

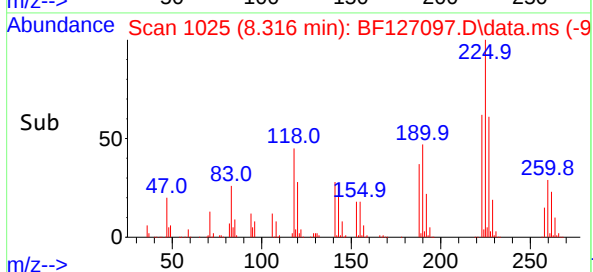
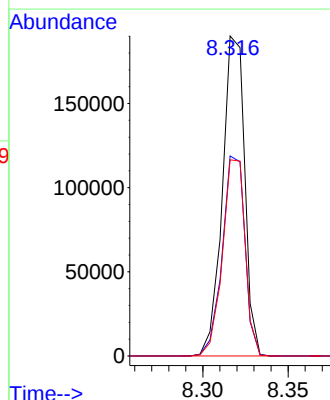
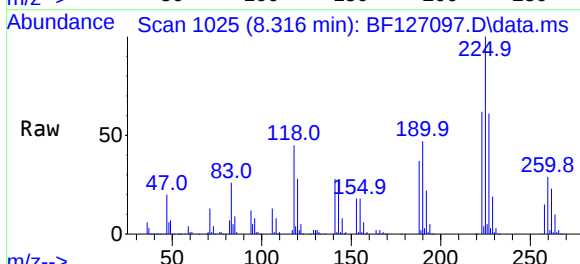
APPROVED

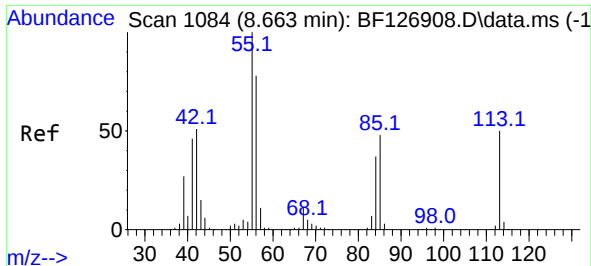
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#34
Hexachlorobutadiene
Concen: 49.837 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:225	Resp:	172963
Ion Ratio	Lower	Upper
225	100	
223	62.5	48.6 73.0
227	61.3	51.4 77.0





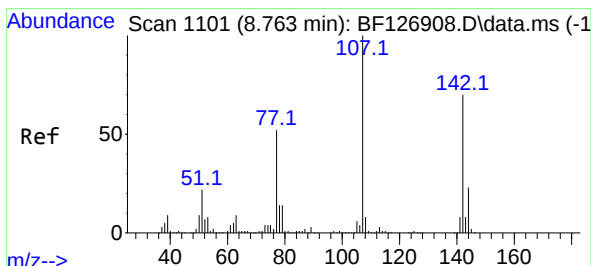
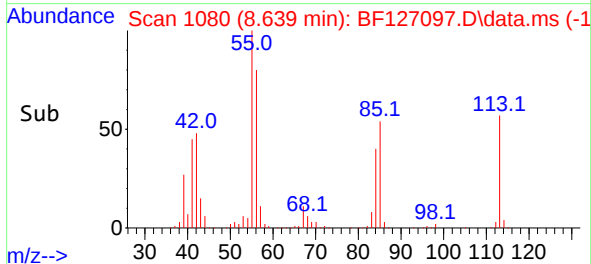
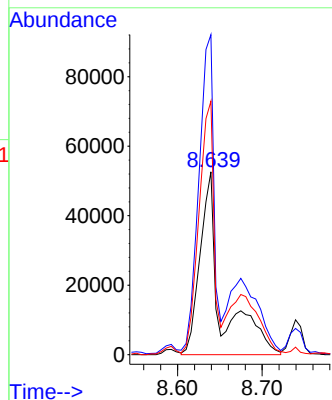
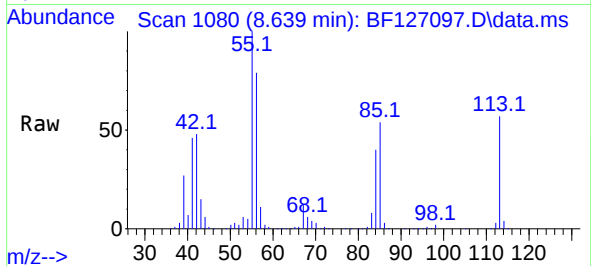
#35
Caprolactam
Concen: 49.683 ng m
RT: 8.639 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion:113 Resp: 92252
Ion Ratio Lower Upper
113 100
55 175.0 183.9 223.9
56 138.6 129.9 169.9

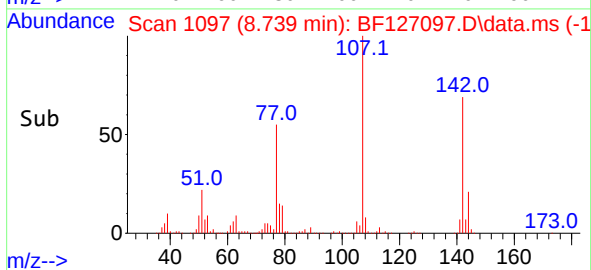
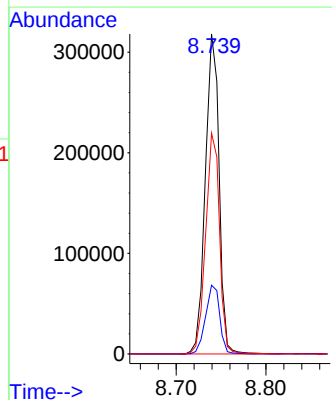
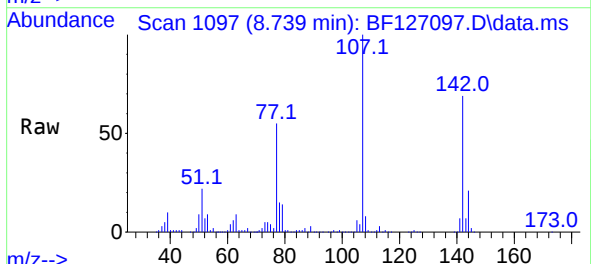
Manual Integrations
APPROVED

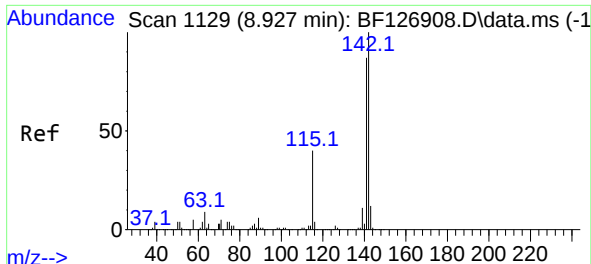
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#36
4-Chloro-3-methylphenol
Concen: 49.843 ng
RT: 8.739 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:107 Resp: 338711
Ion Ratio Lower Upper
107 100
144 21.5 18.5 27.7
142 69.0 58.1 87.1





#37

2-Methylnaphthalene

Concen: 49.351 ng

RT: 8.898 min Scan# 1129

Delta R.T. -0.012 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tgt Ion:142 Resp: 64584

Ion Ratio Lower Upper

142 100

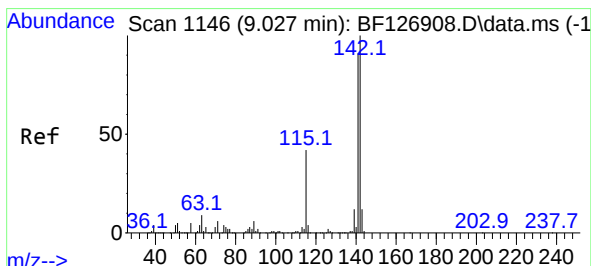
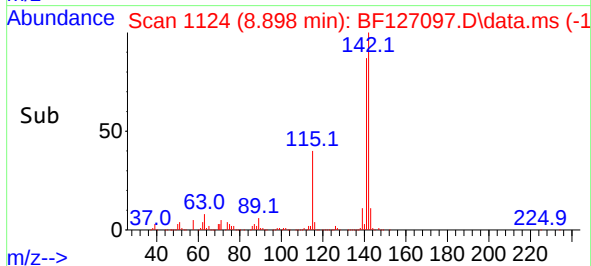
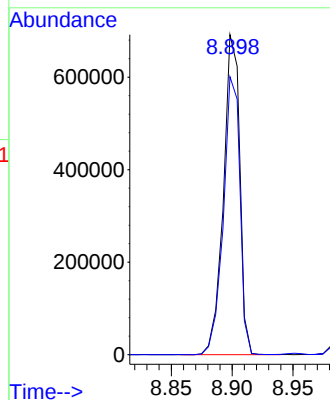
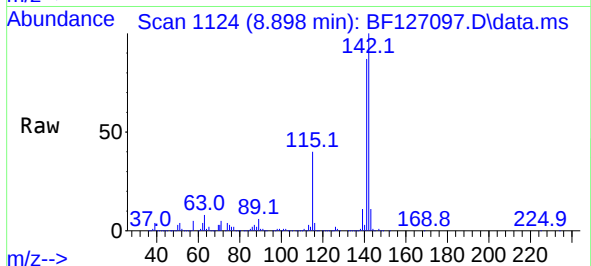
141 86.9 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#38

1-Methylnaphthalene

Concen: 47.724 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BF127097.D

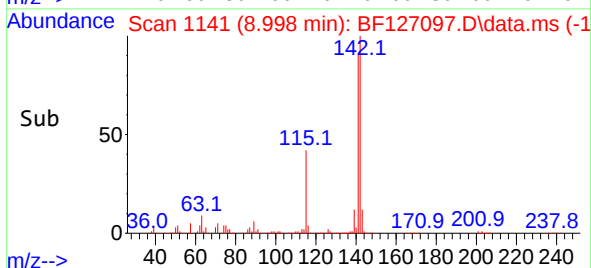
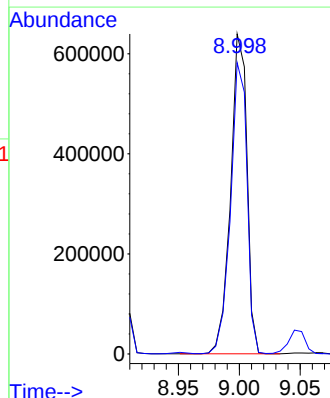
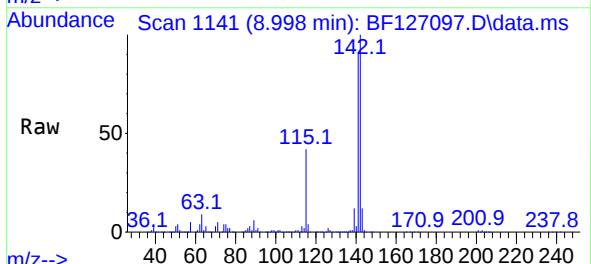
Acq: 28 Feb 2022 13:56

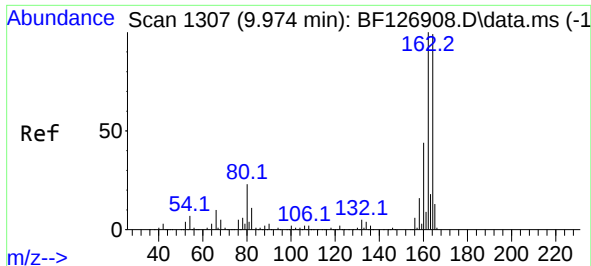
Tgt Ion:142 Resp: 598069

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

Tgt Ion:164 Resp: 199474

Ion Ratio Lower Upper

164 100

162 104.7 81.4 122.0

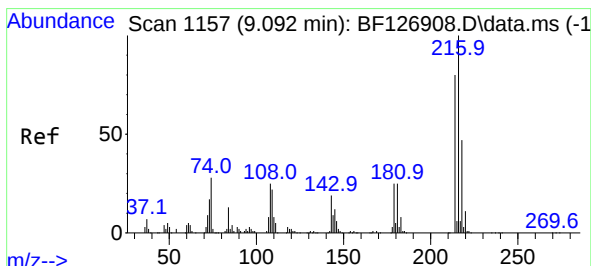
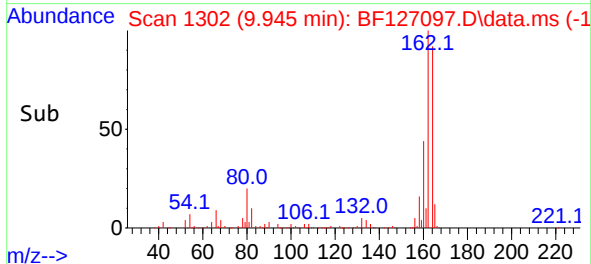
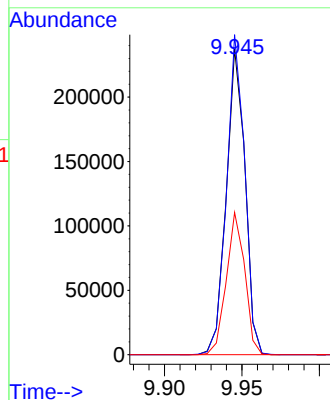
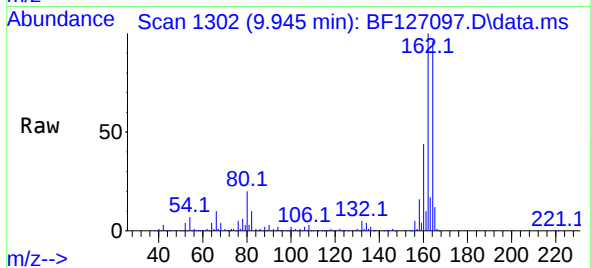
160 46.6 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.223 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF127097.D

Acq: 28 Feb 2022 13:56

Tgt Ion:216 Resp: 263715

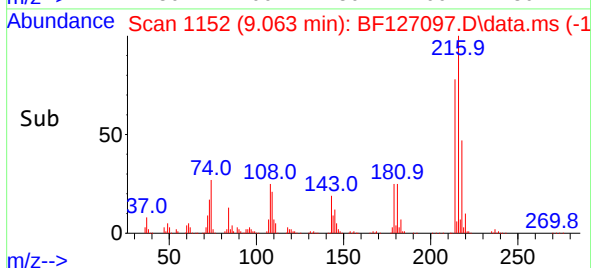
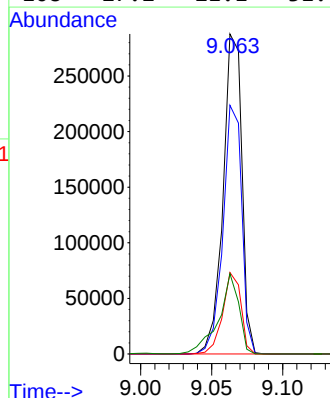
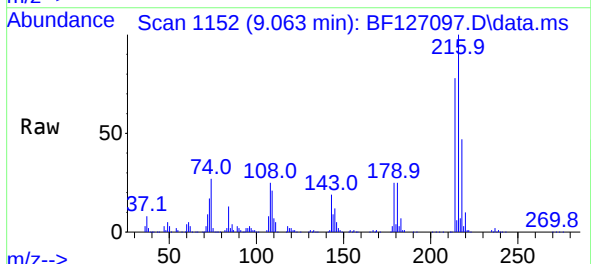
Ion Ratio Lower Upper

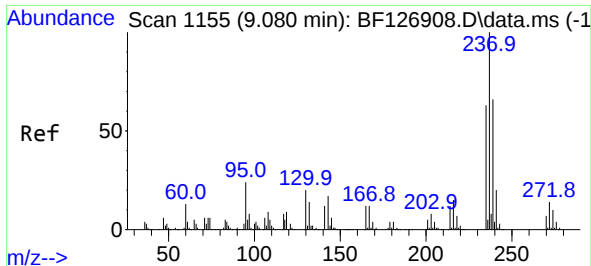
216 100

214 77.4 64.6 96.8

179 24.8 19.5 29.3

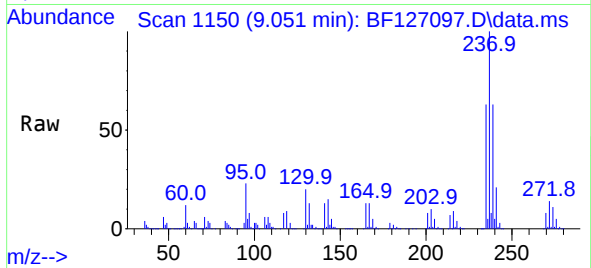
108 27.2 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 105.840 ng
RT: 9.051 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

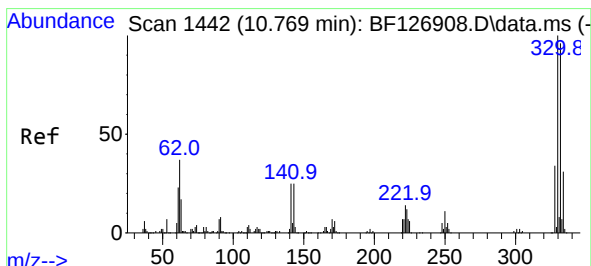
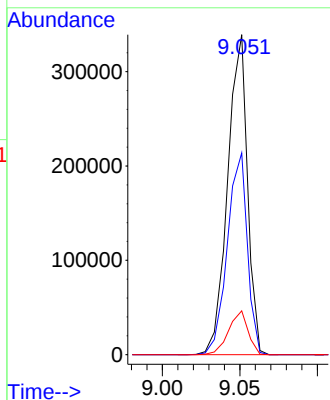
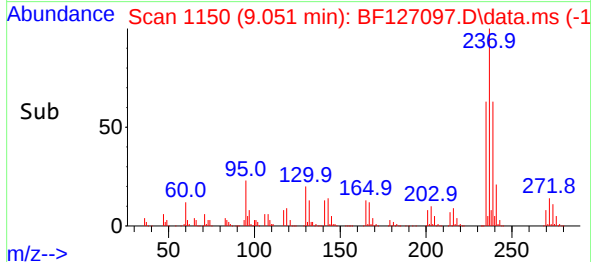
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



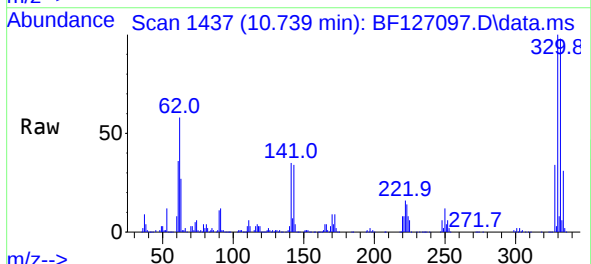
Tgt Ion:237 Resp: 301419
Ion Ratio Lower Upper
237 100
235 63.1 38.9 78.9
272 13.7 0.0 33.5

Manual Integrations
APPROVED

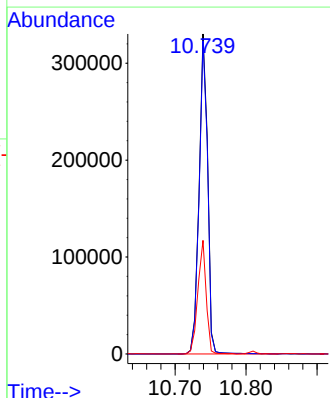
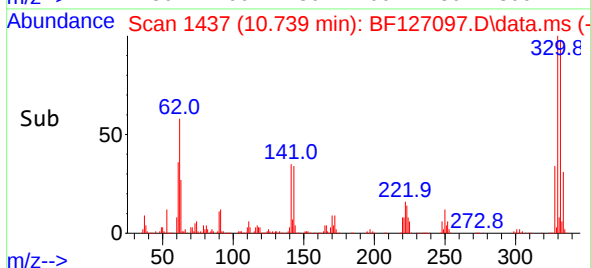
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

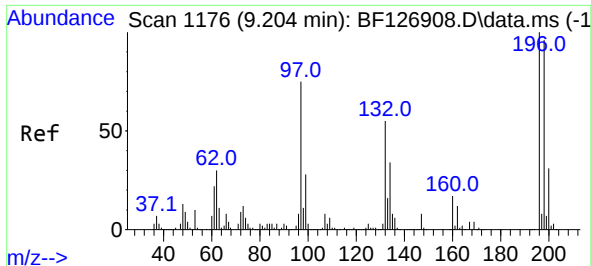


#42
2,4,6-Tribromophenol
Concen: 120.802 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



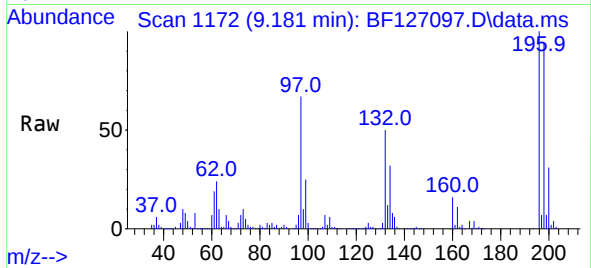
Tgt Ion:330 Resp: 277443
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 34.6 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 48.187 ng
RT: 9.181 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

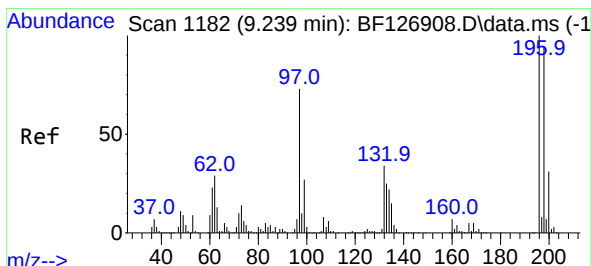
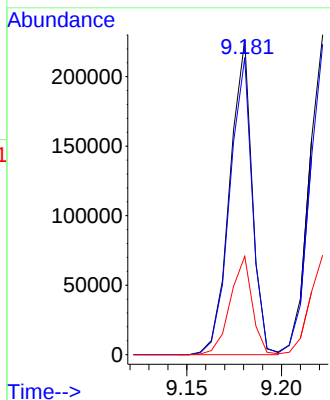
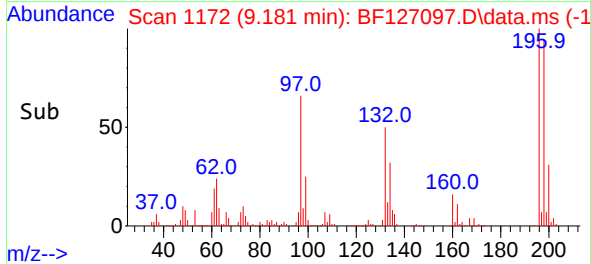
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



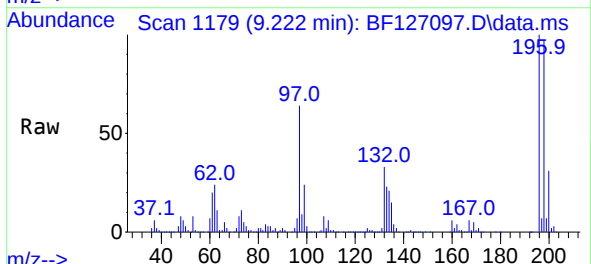
Tgt Ion:196 Resp: 18557
Ion Ratio Lower Upper
196 100
198 94.3 78.5 117.7
200 31.2 24.9 37.3

Manual Integrations
APPROVED

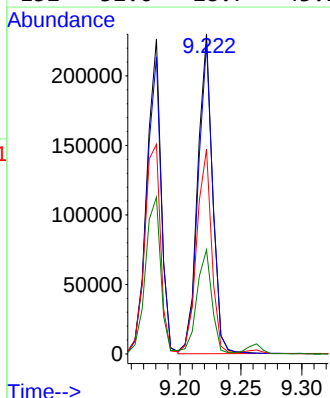
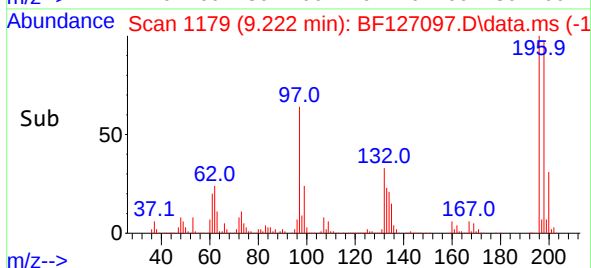
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

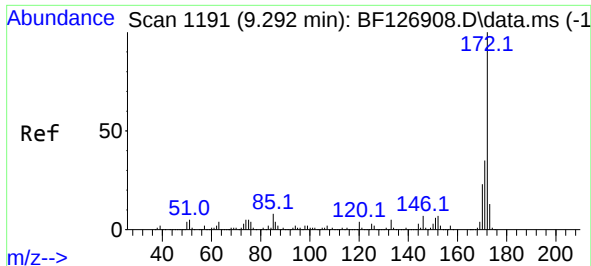


#44
2,4,5-Trichlorophenol
Concen: 47.945 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



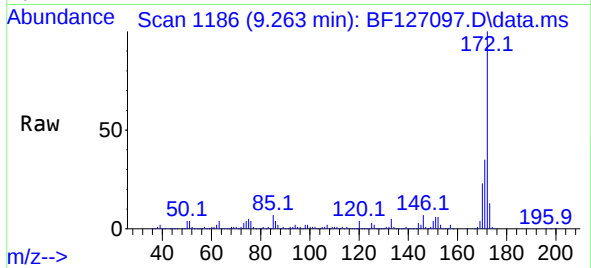
Tgt Ion:196 Resp: 194302
Ion Ratio Lower Upper
196 100
198 97.1 82.0 123.0
97 64.0 53.5 80.3
132 32.6 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 73.750 ng
RT: 9.263 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

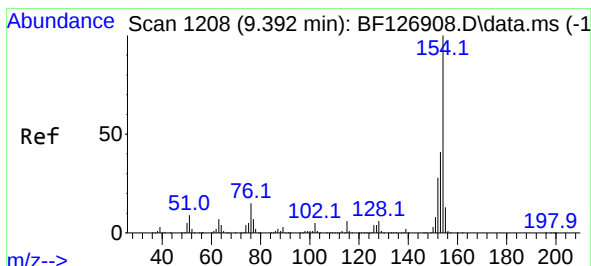
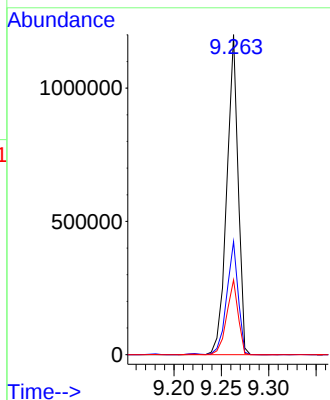
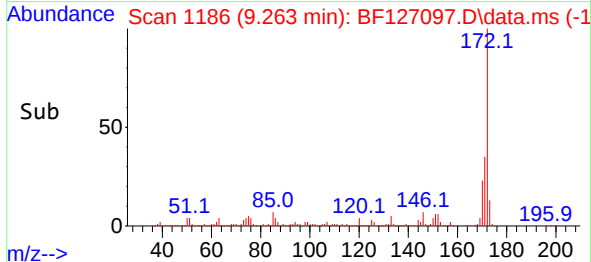
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



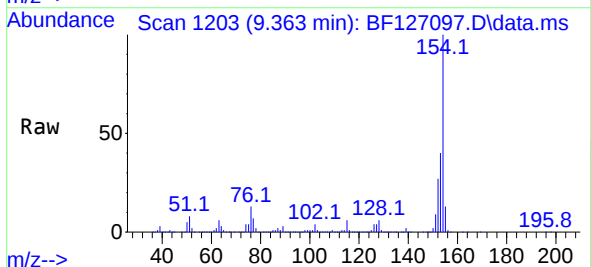
Tgt Ion:172 Resp: 999300
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 19.0 28.6

Manual Integrations
APPROVED

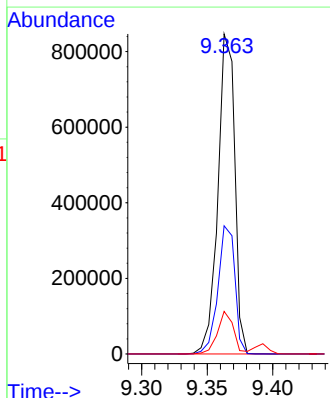
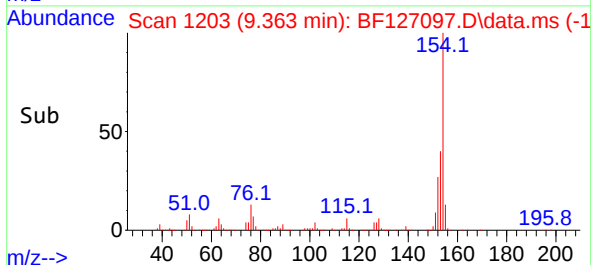
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

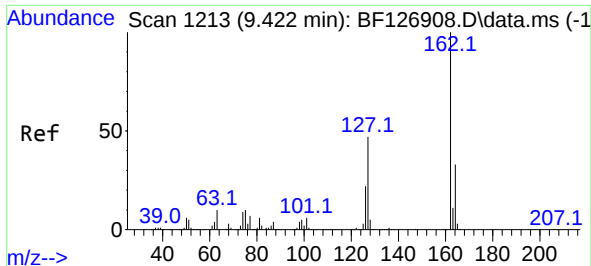


#46
1,1'-Biphenyl
Concen: 47.690 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:154 Resp: 753686
Ion Ratio Lower Upper
154 100
153 40.1 19.0 59.0
76 13.3 0.0 34.5





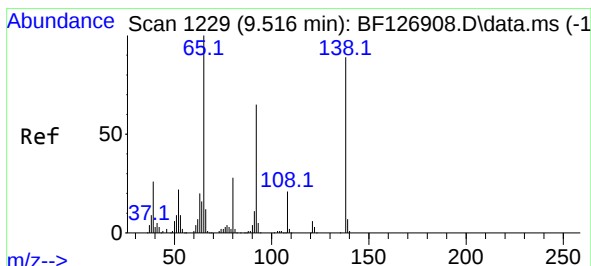
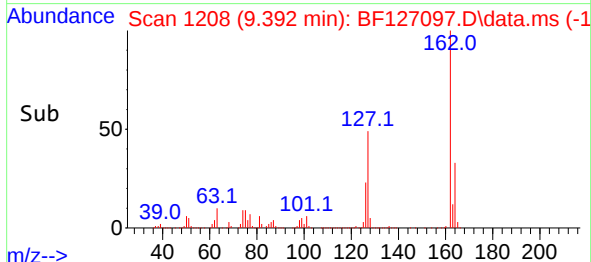
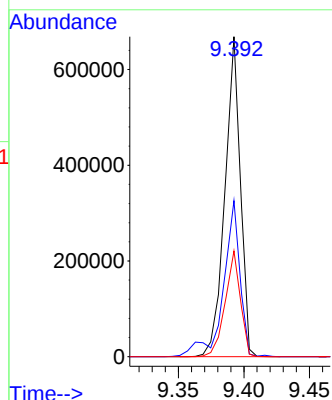
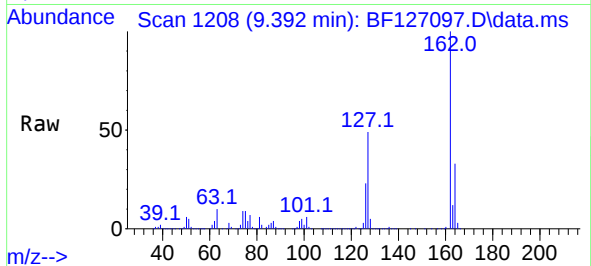
#47
2-Chloronaphthalene
Concen: 46.664 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion:162 Resp: 546880
Ion Ratio Lower Upper
162 100
127 48.7 33.5 50.3
164 33.0 26.2 39.4

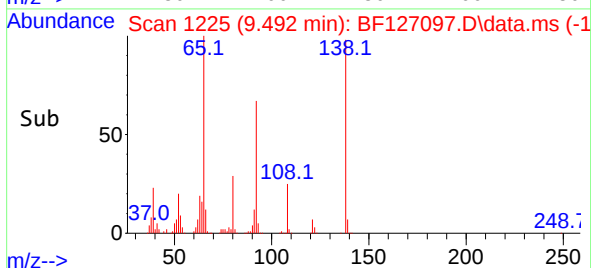
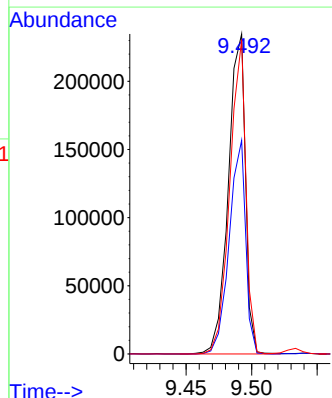
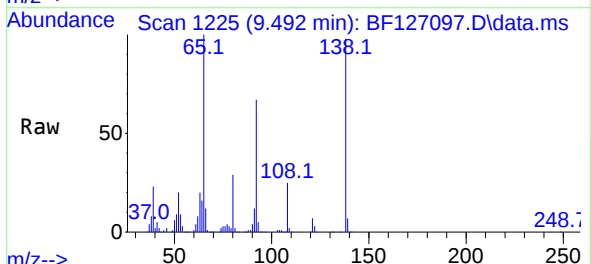
Manual Integrations
APPROVED

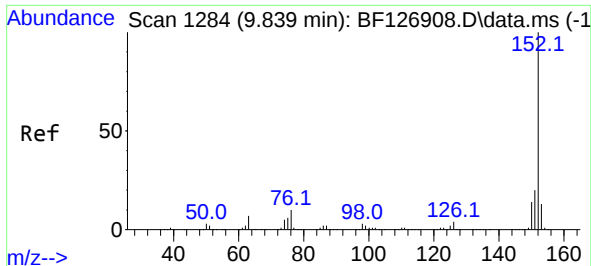
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#48
2-Nitroaniline
Concen: 46.056 ng
RT: 9.492 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

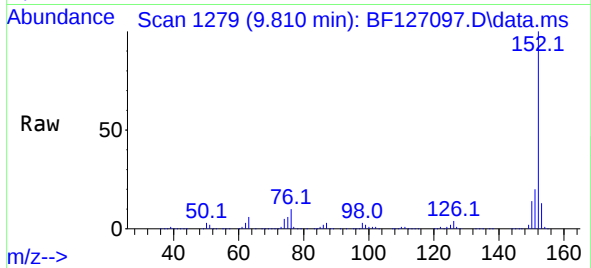
Tgt Ion: 65 Resp: 212996
Ion Ratio Lower Upper
65 100
92 66.7 54.4 81.6
138 98.2 72.5 108.7





#49
Acenaphthylene
Concen: 49.362 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

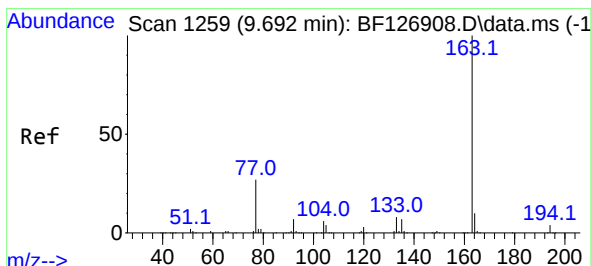
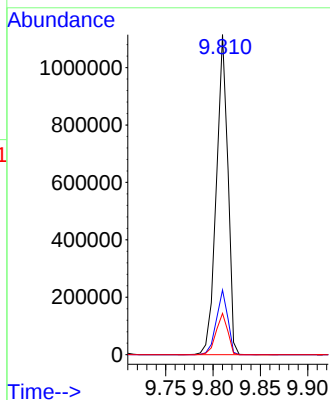
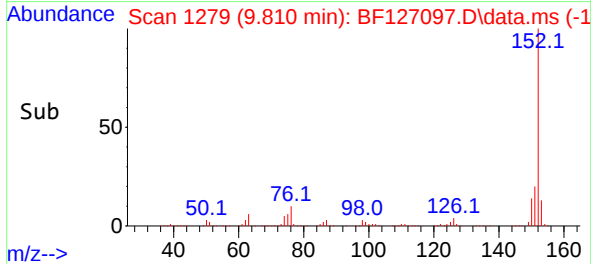
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



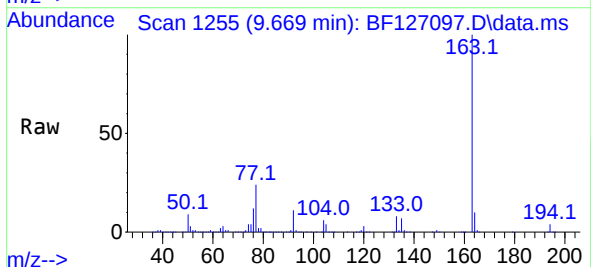
Tgt Ion:152 Resp: 93969
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.9 11.4 17.0

Manual Integrations
APPROVED

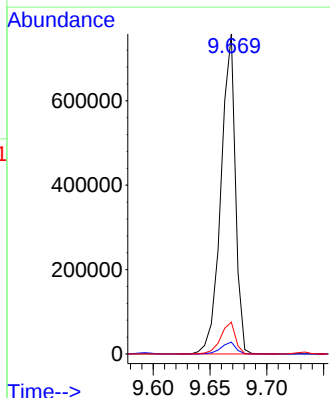
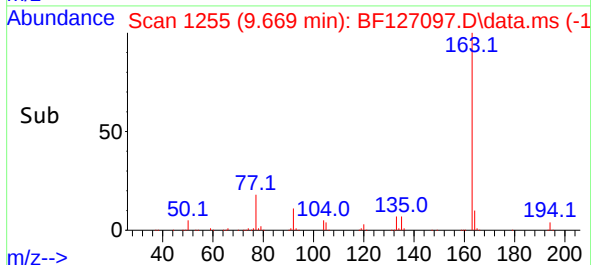
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

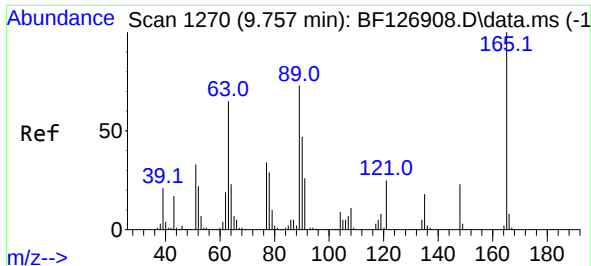


#50
Dimethylphthalate
Concen: 47.236 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



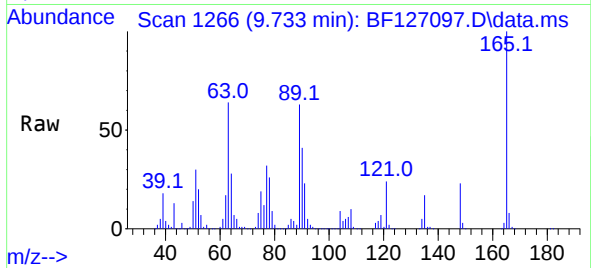
Tgt Ion:163 Resp: 673492
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.769 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

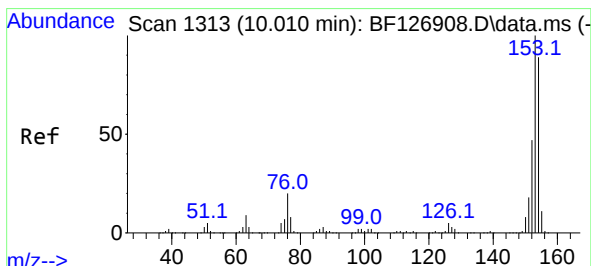
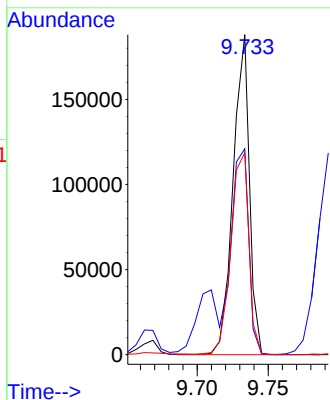
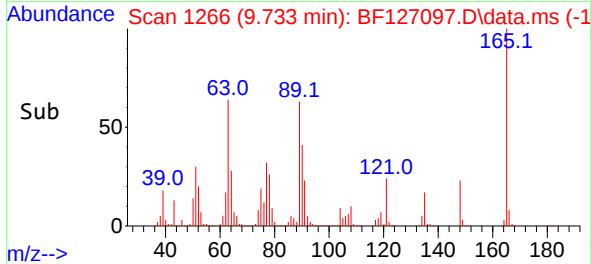
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



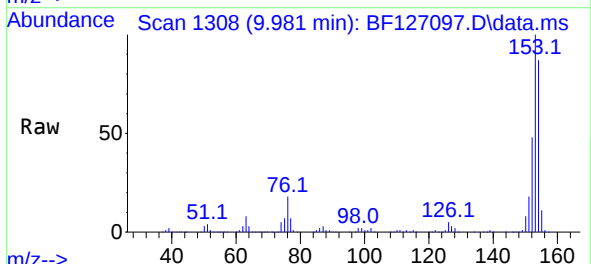
Tgt Ion:165 Resp: 150174
Ion Ratio Lower Upper
165 100
63 64.4 48.4 72.6
89 63.1 50.5 75.7

Manual Integrations
APPROVED

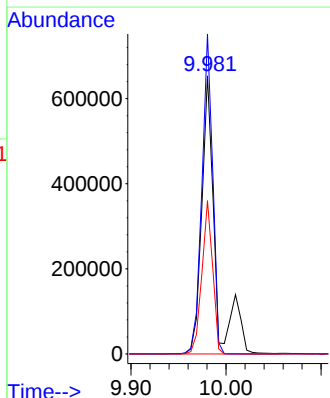
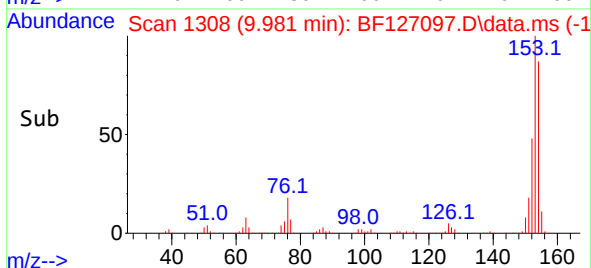
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

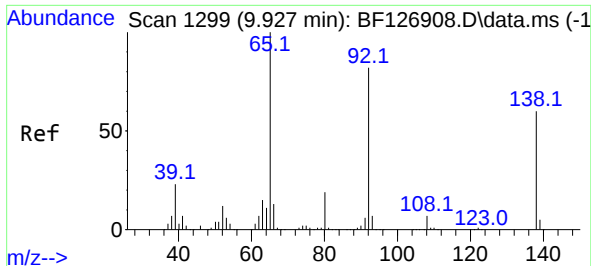


#52
Acenaphthene
Concen: 52.245 ng m
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:154 Resp: 646824
Ion Ratio Lower Upper
154 100
153 115.1 87.8 131.6
152 55.1 39.4 59.2





#53
3-Nitroaniline
Concen: 16.320 ng
RT: 9.898 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

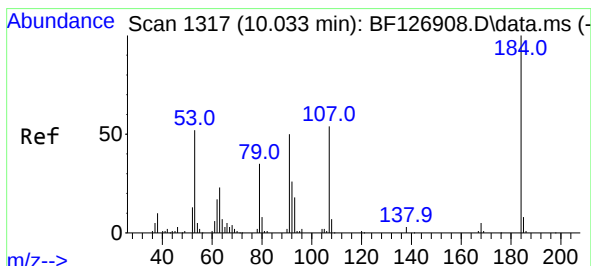
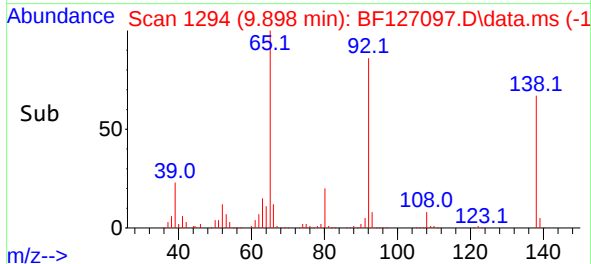
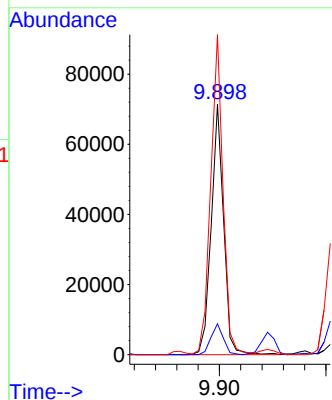
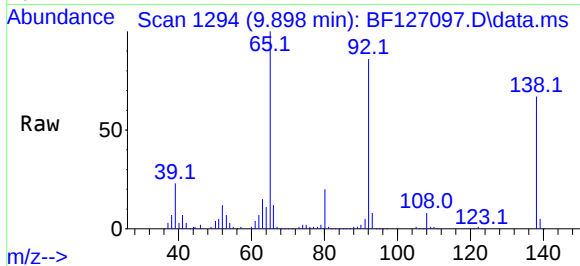
ClientSampleId :

TP-8MSD

Tgt Ion:138 Resp: 57872
Ion Ratio Lower Upper
138 100
108 12.3 8.6 13.0
92 127.7 105.0 157.6

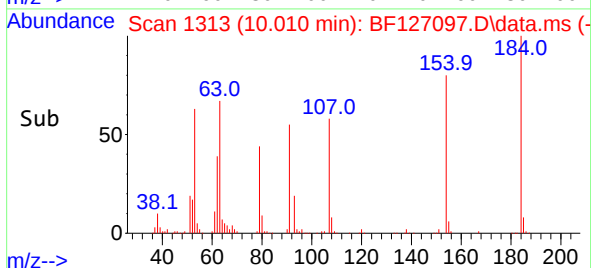
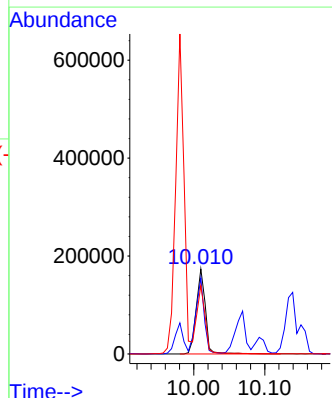
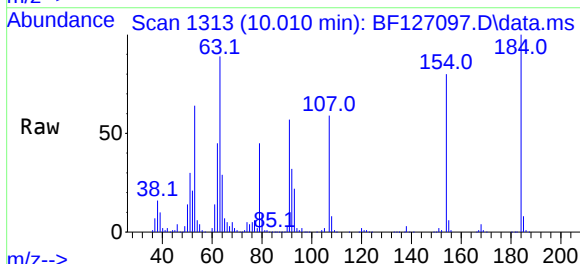
Manual Integrations
APPROVED

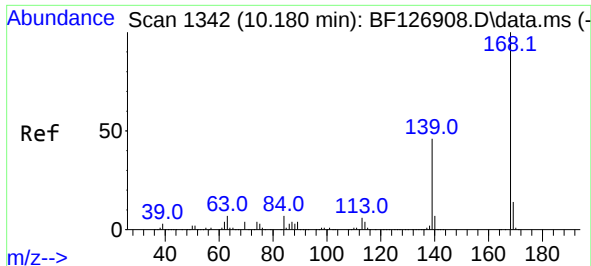
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#54
2,4-Dinitrophenol
Concen: 101.983 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:184 Resp: 156586
Ion Ratio Lower Upper
184 100
63 89.4 70.4 105.6
154 80.4 49.7 74.5#





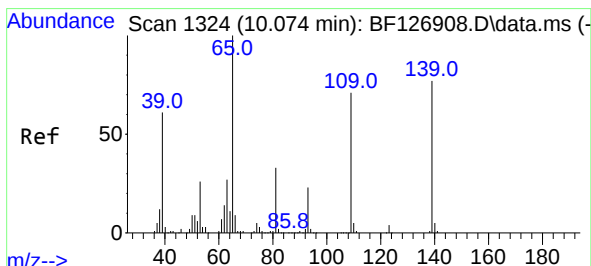
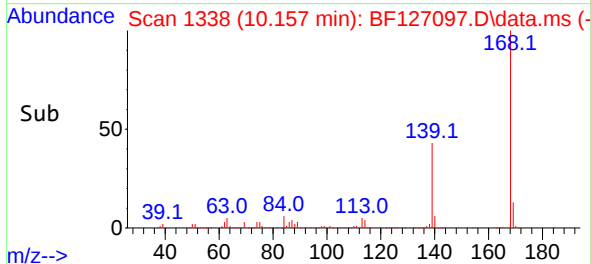
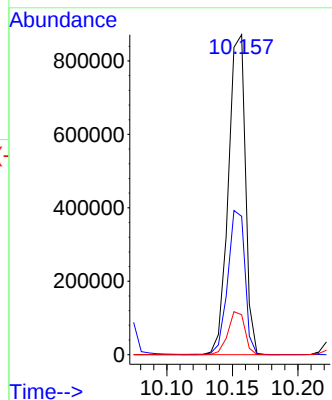
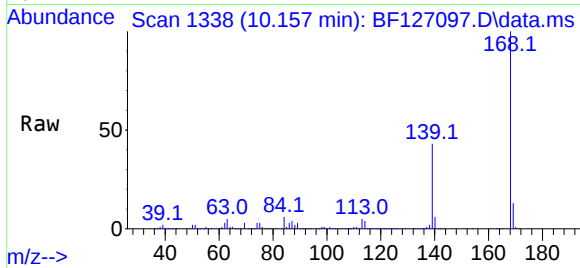
#55
Dibenzenofuran
Concen: 46.297 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion:168 Resp: 78816
Ion Ratio Lower Upper
168 100
139 43.3 30.6 46.0
169 12.5 10.0 15.0

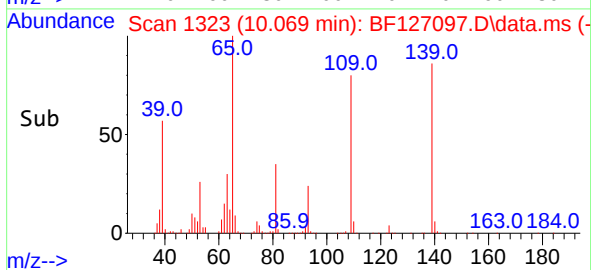
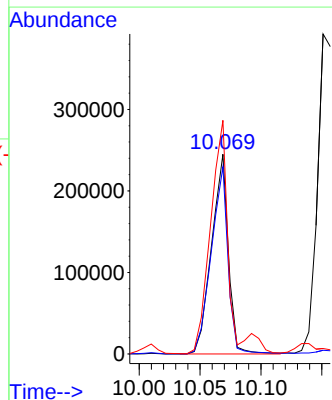
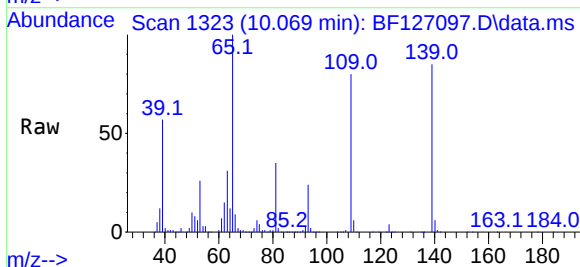
Manual Integrations
APPROVED

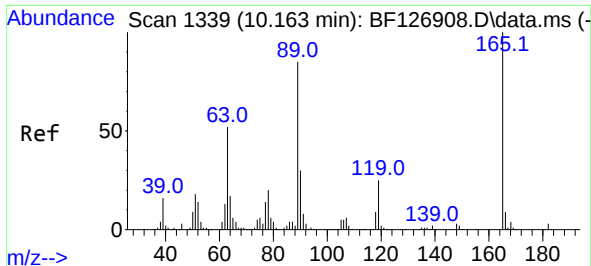
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#56
4-Nitrophenol
Concen: 89.697 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

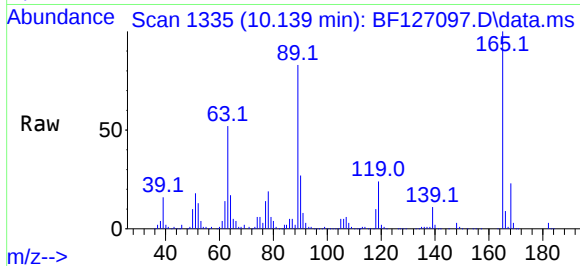
Tgt Ion:139 Resp: 234914
Ion Ratio Lower Upper
139 100
109 93.8 44.1 84.1#
65 117.0 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 50.835 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

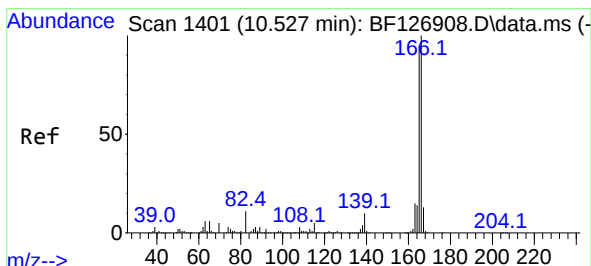
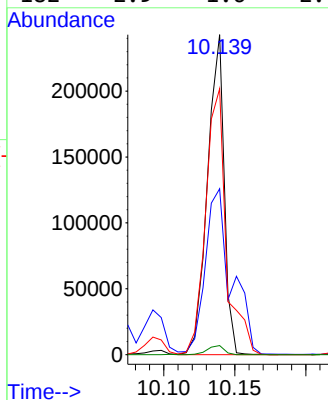
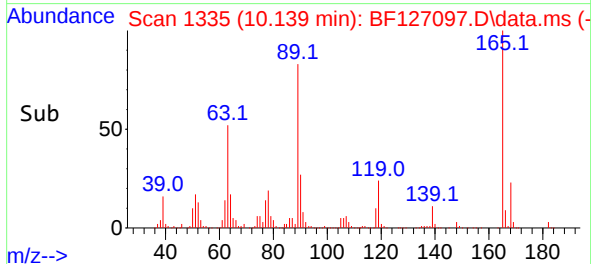
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



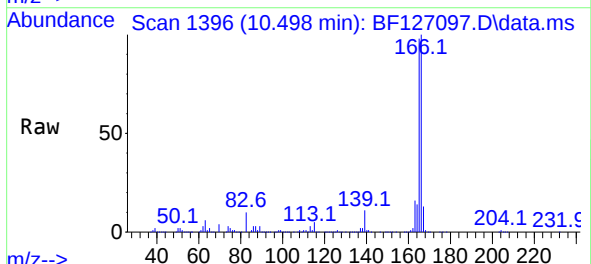
Tgt Ion:165 Resp: 19938
Ion Ratio Lower Upper
165 100
63 51.9 43.0 64.6
89 83.1 71.0 106.4
182 2.9 1.6 2.4#

Manual Integrations
APPROVED

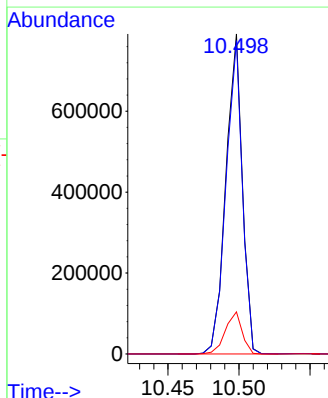
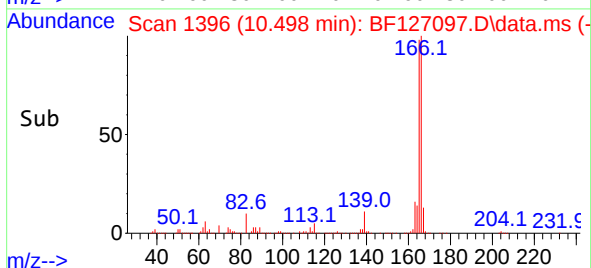
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

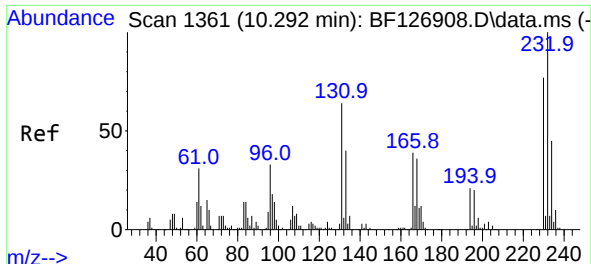


#58
Fluorene
Concen: 47.863 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



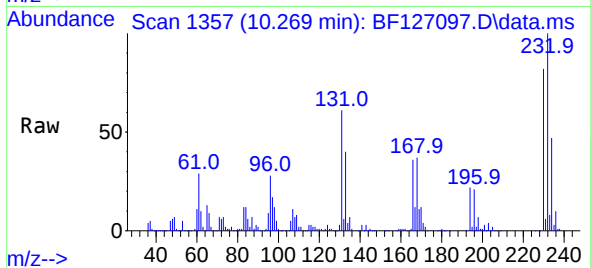
Tgt Ion:166 Resp: 634710
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.667 ng
RT: 10.269 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

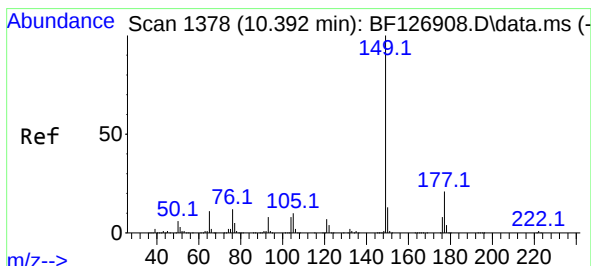
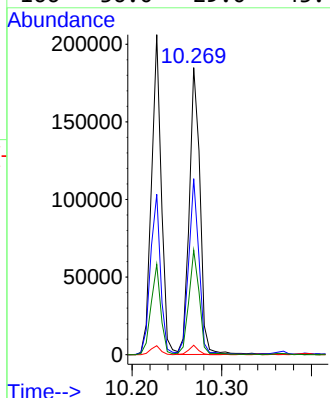
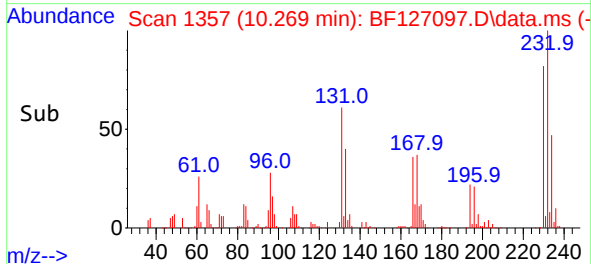
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



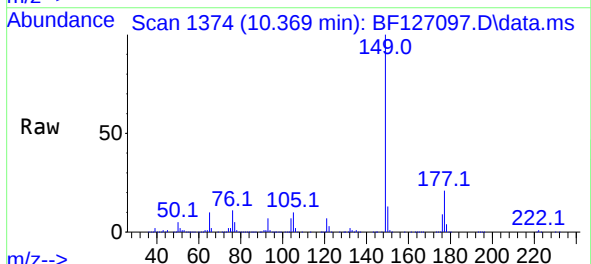
Tgt Ion:232 Resp: 15314
Ion Ratio Lower Upper
232 100
131 58.3 50.0 75.0
130 3.0 2.2 3.2
166 36.0 29.0 43.4

Manual Integrations
APPROVED

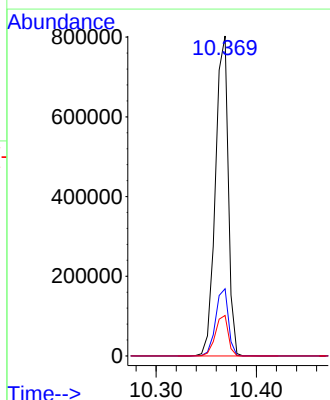
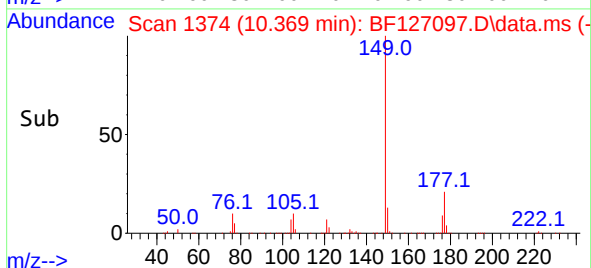
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

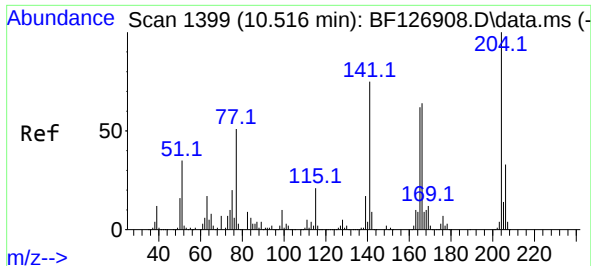


#60
Diethylphthalate
Concen: 47.701 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



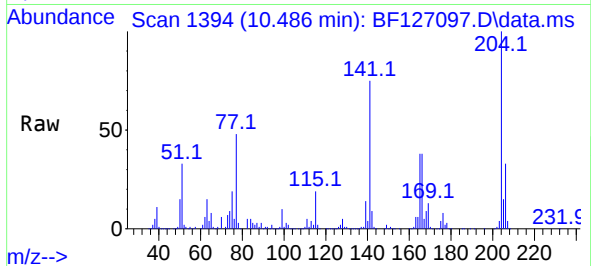
Tgt Ion:149 Resp: 710674
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 47.317 ng
RT: 10.486 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

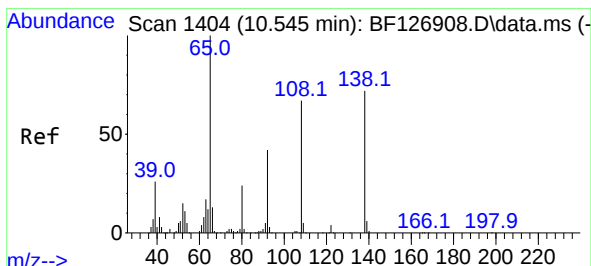
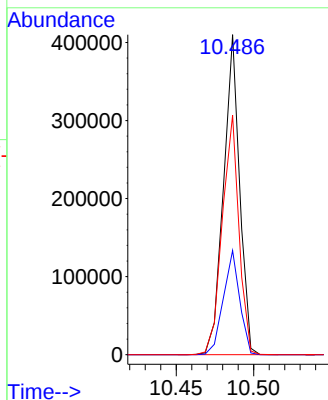
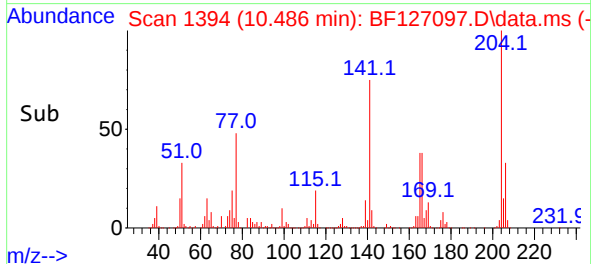
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



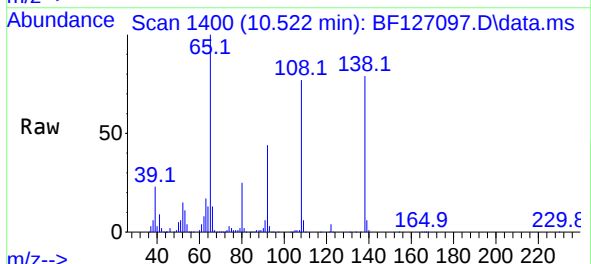
Tgt Ion:204 Resp: 29587
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 74.9 59.0 88.6

Manual Integrations
APPROVED

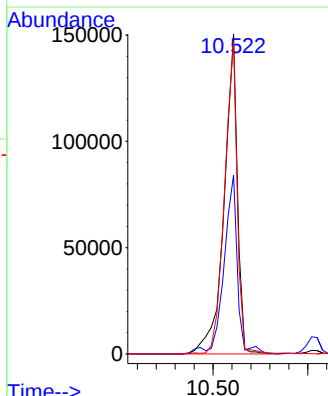
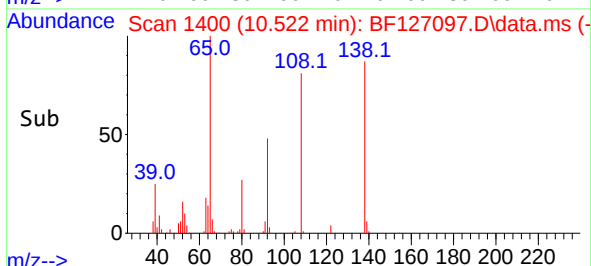
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

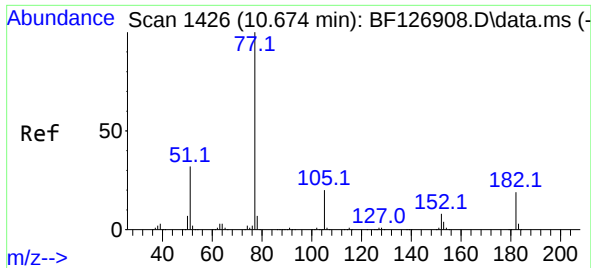


#62
4-Nitroaniline
Concen: 42.041 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



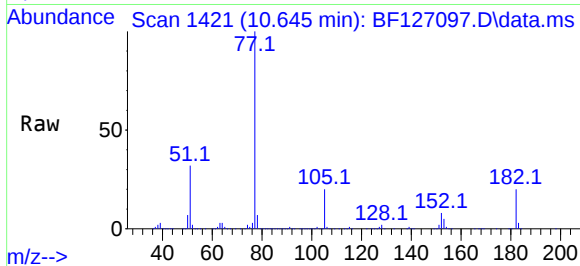
Tgt Ion:138 Resp: 147209
Ion Ratio Lower Upper
138 100
92 55.9 36.2 76.2
108 97.7 46.7 86.7#





#63
Azobenzene
Concen: 44.072 ng
RT: 10.645 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

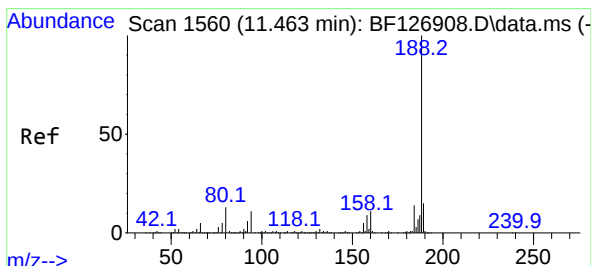
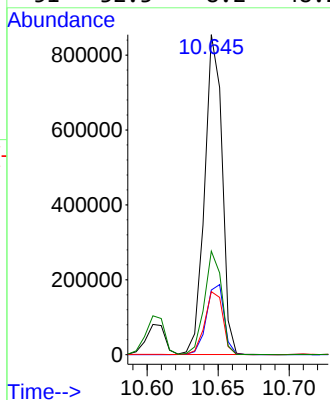
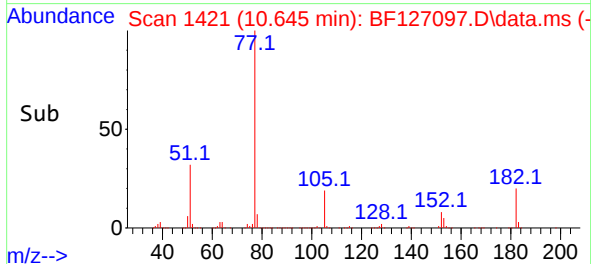
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



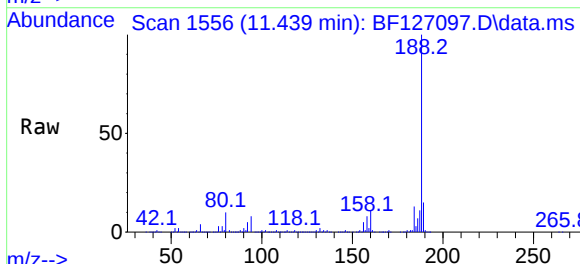
Tgt Ion: 77 Resp: 731144
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.0
105 19.7 3.2 43.2
51 32.3 8.2 48.2

Manual Integrations
APPROVED

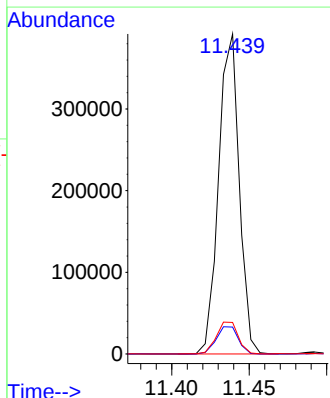
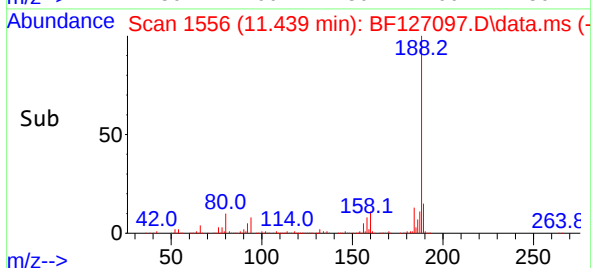
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

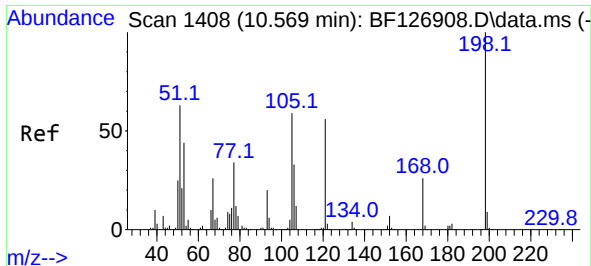


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



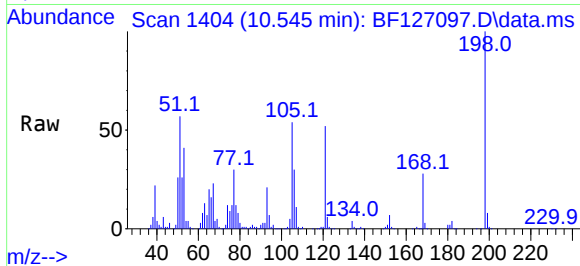
Tgt Ion:188 Resp: 362111
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.9 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 45.793 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

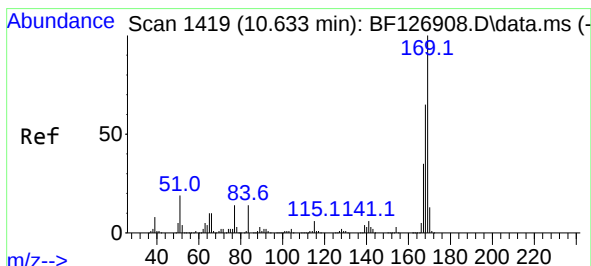
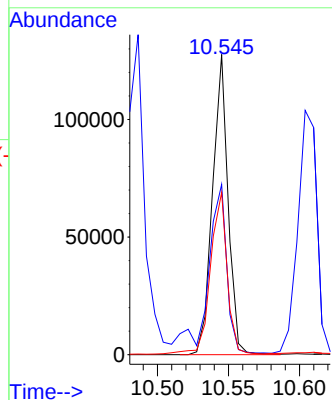
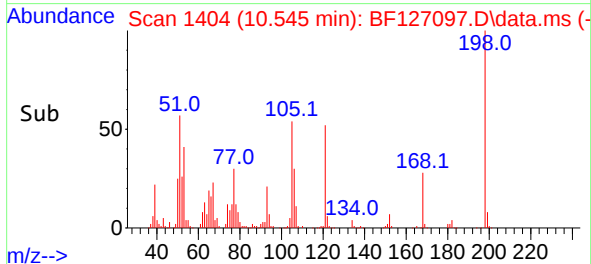
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



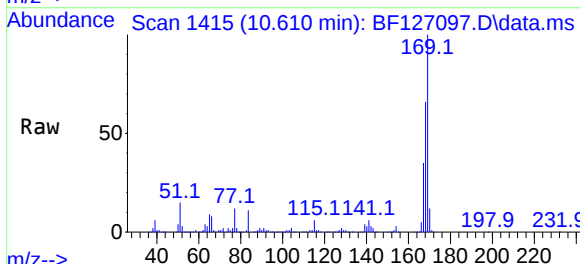
Tgt Ion:198 Resp: 9743
Ion Ratio Lower Upper
198 100
51 56.7 32.0 72.0
105 54.1 32.7 72.7

Manual Integrations
APPROVED

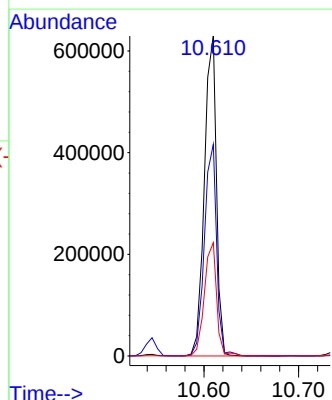
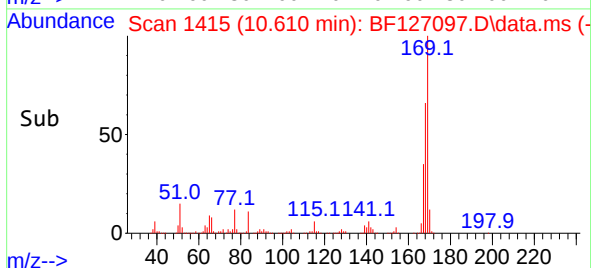
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

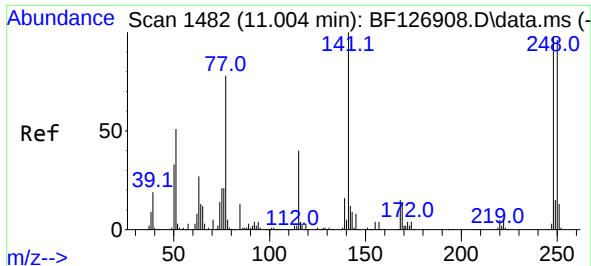


#66
n-Nitrosodiphenylamine
Concen: 46.727 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:169 Resp: 554836
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 48.650 ng
RT: 10.980 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

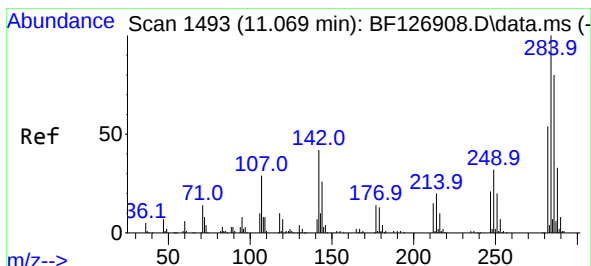
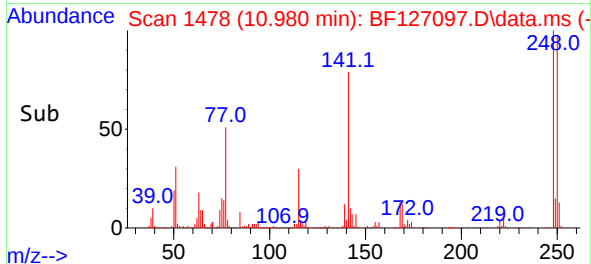
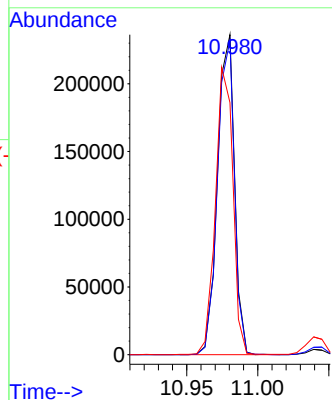
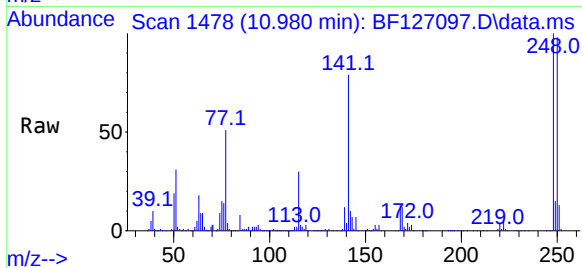
TP-8MSD

Tgt Ion:248 Resp: 19683
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 78.8 66.2 99.4

Manual Integrations

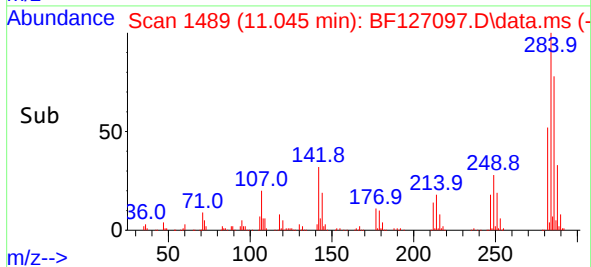
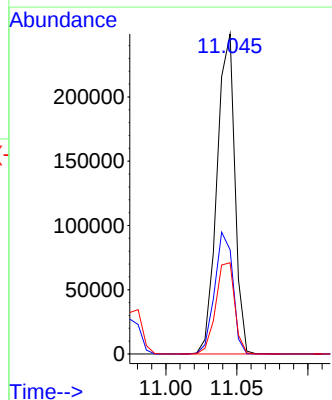
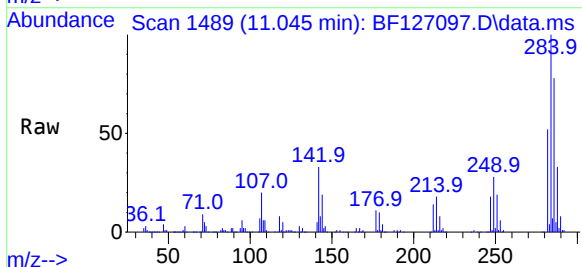
APPROVED

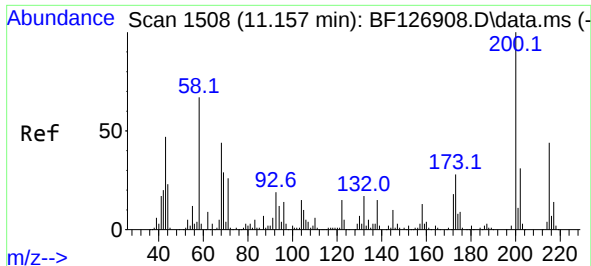
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#68
Hexachlorobenzene
Concen: 49.961 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

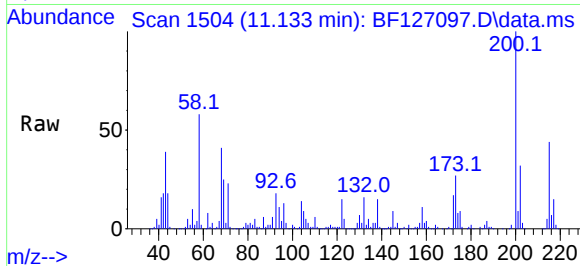
Tgt Ion:284 Resp: 217609
Ion Ratio Lower Upper
284 100
142 32.5 30.7 46.1
249 28.5 21.1 31.7





#69
Atrazine
Concen: 51.099 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

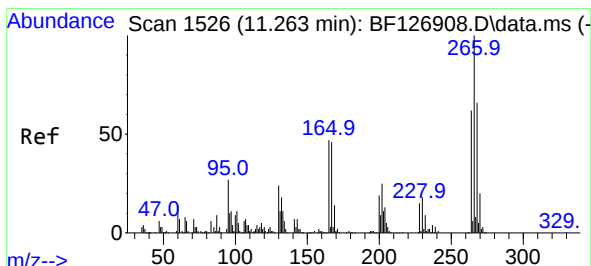
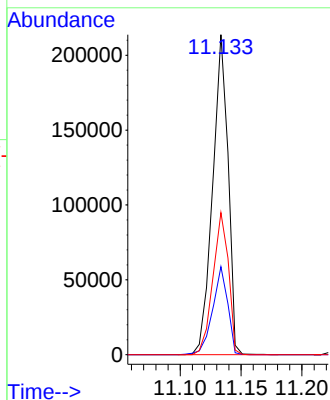
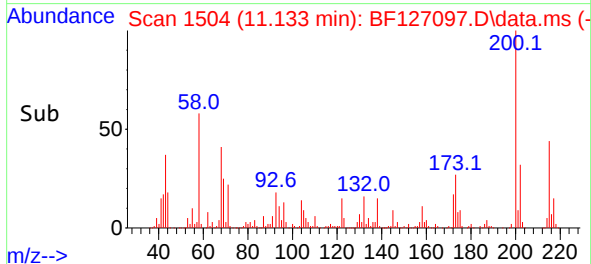
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



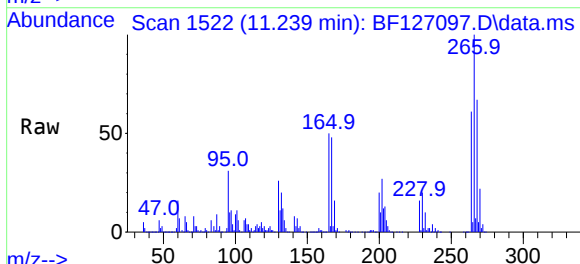
Tgt Ion:200 Resp: 18818
Ion Ratio Lower Upper
200 100
173 27.5 9.2 49.2
215 44.4 23.2 63.2

Manual Integrations
APPROVED

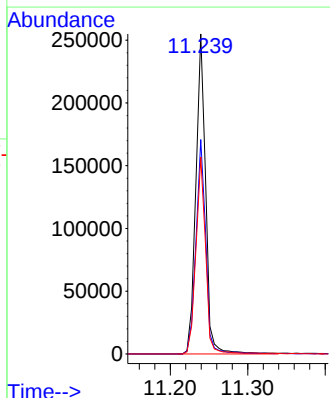
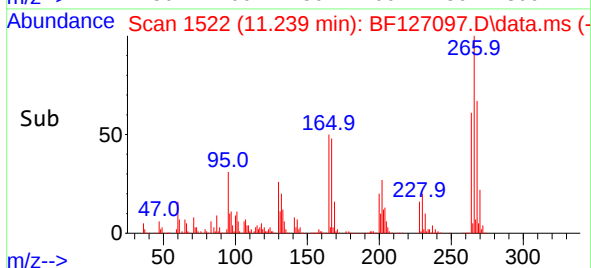
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

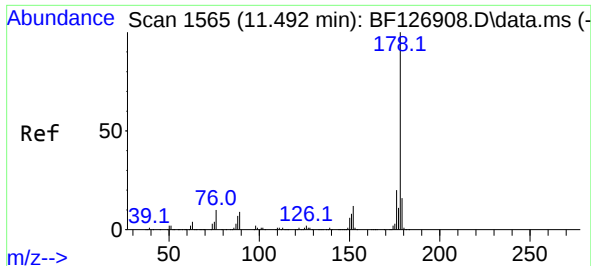


#70
Pentachlorophenol
Concen: 94.040 ng
RT: 11.239 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:266 Resp: 223590
Ion Ratio Lower Upper
266 100
268 67.0 52.3 78.5
264 61.5 50.4 75.6





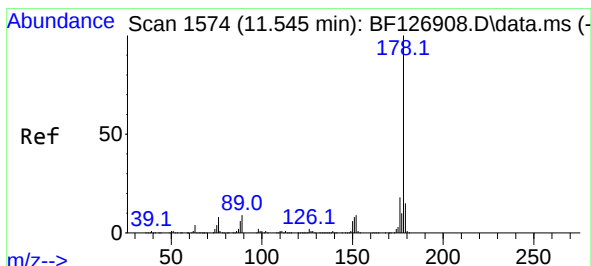
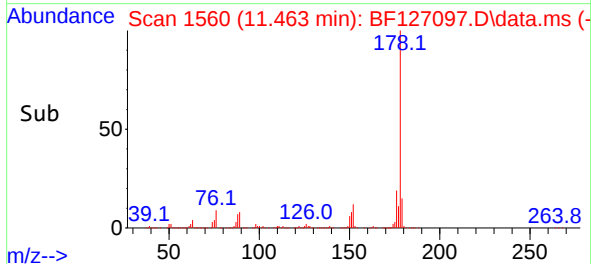
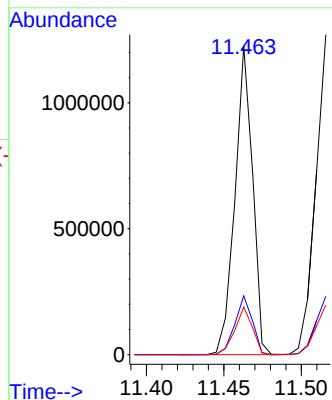
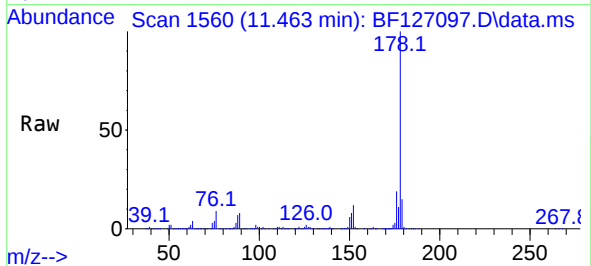
#71
Phenanthrene
Concen: 47.738 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion:178 Resp: 967550
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.4 12.3 18.5

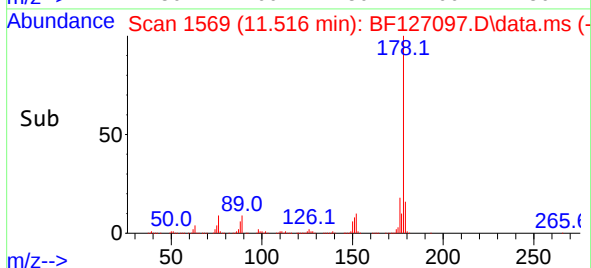
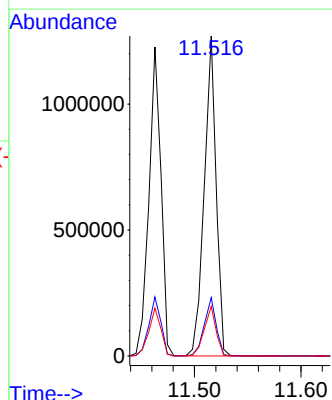
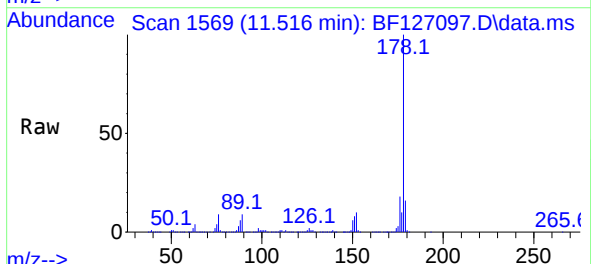
Manual Integrations
APPROVED

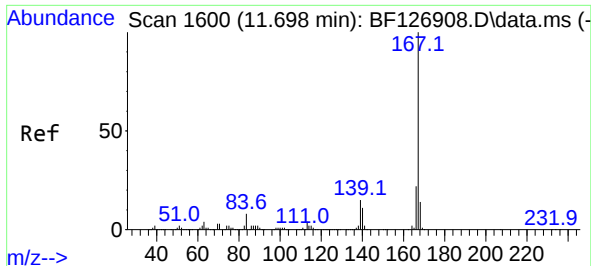
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#72
Anthracene
Concen: 49.121 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

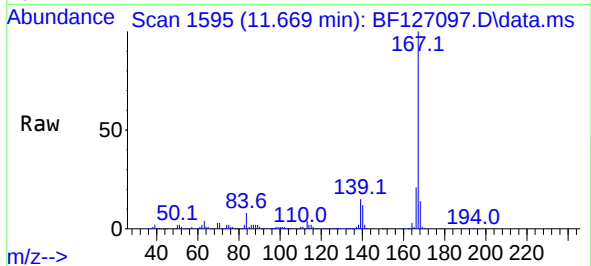
Tgt Ion:178 Resp: 991114
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 43.625 ng
 RT: 11.669 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127097.D
 Acq: 28 Feb 2022 13:56

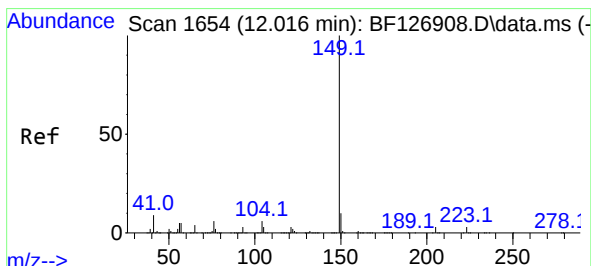
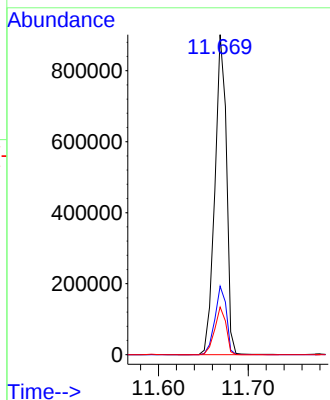
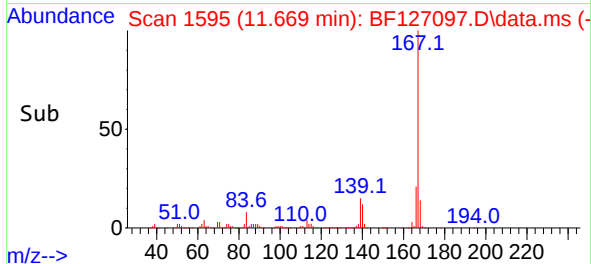
Instrument :
 BNA_F
 ClientSampleId :
 TP-8MSD



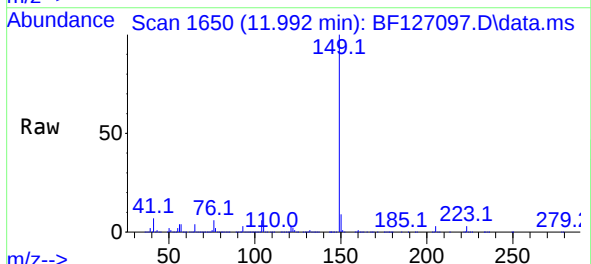
Tgt Ion:167 Resp: 807215
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 14.9 11.3 16.9

Manual Integrations
 APPROVED

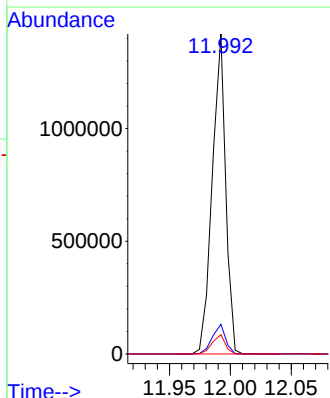
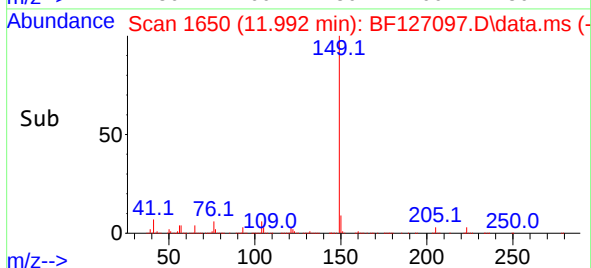
Reviewed By :Christian Giraldo 03/01/2022
 Supervised By :Jagrut Upadhyay 03/01/2022

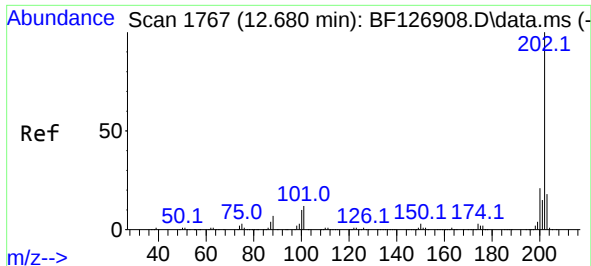


#74
 Di-n-butylphthalate
 Concen: 45.865 ng
 RT: 11.992 min Scan# 1650
 Delta R.T. 0.000 min
 Lab File: BF127097.D
 Acq: 28 Feb 2022 13:56



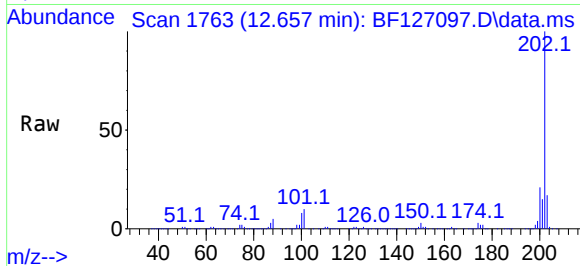
Tgt Ion:149 Resp: 1091007
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 6.0 4.2 6.2





#75
Fluoranthene
Concen: 46.375 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

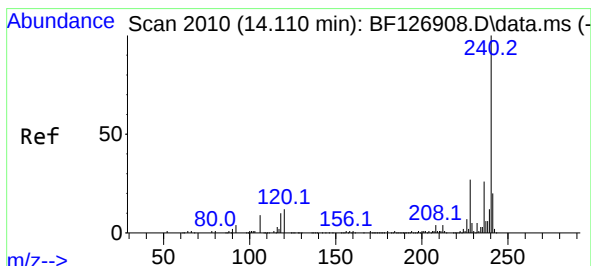
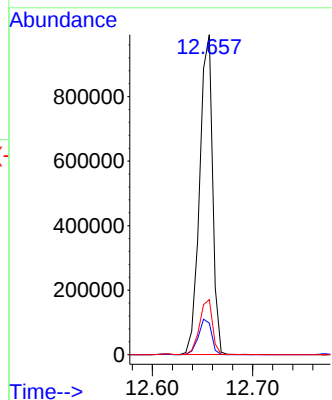
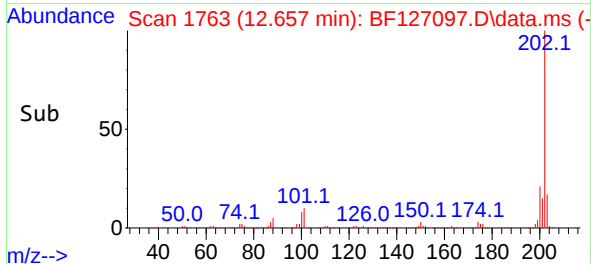
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



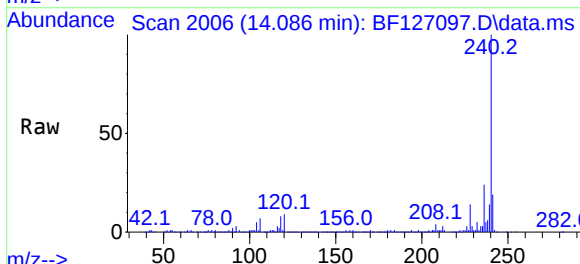
Tgt Ion:202 Resp: 892472
Ion Ratio Lower Upper
202 100
101 9.8 0.0 35.7
203 17.2 0.0 37.1

Manual Integrations
APPROVED

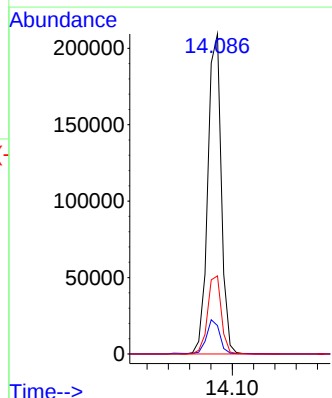
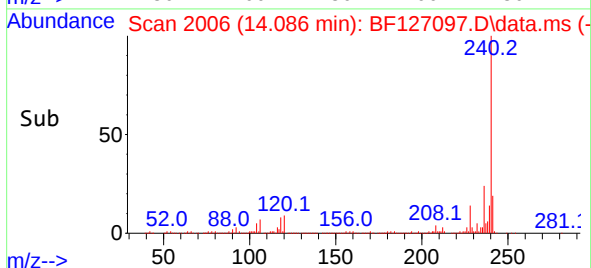
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

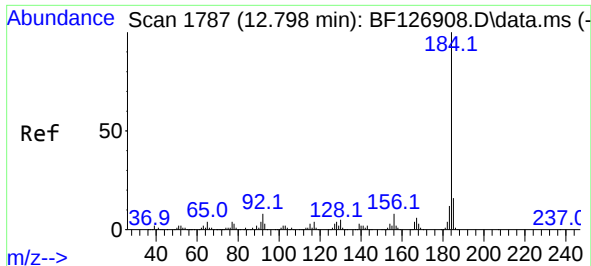


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



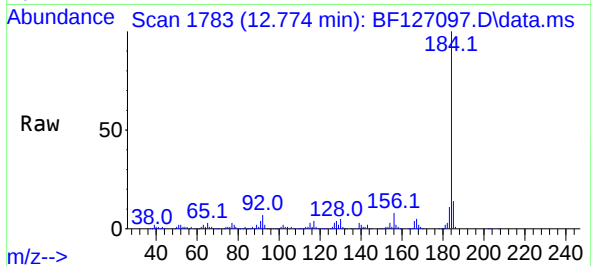
Tgt Ion:240 Resp: 183966
Ion Ratio Lower Upper
240 100
120 8.8 14.4 21.6#
236 24.4 20.5 30.7





#77
Benzidine
Concen: 38.559 ng
RT: 12.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

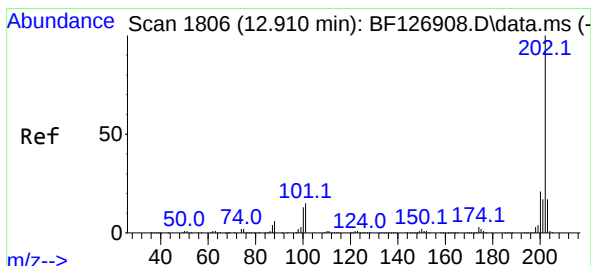
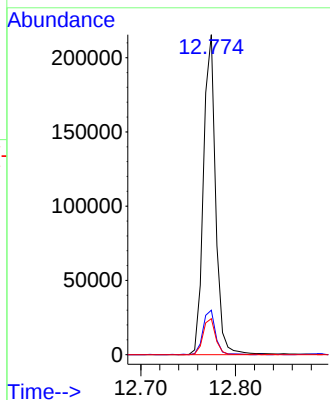
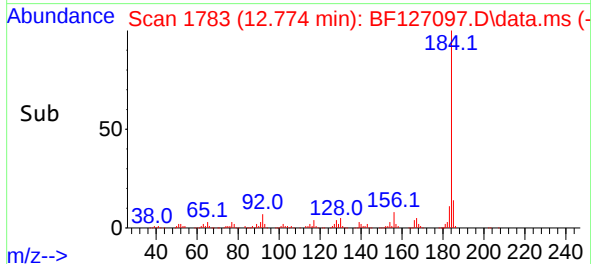
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



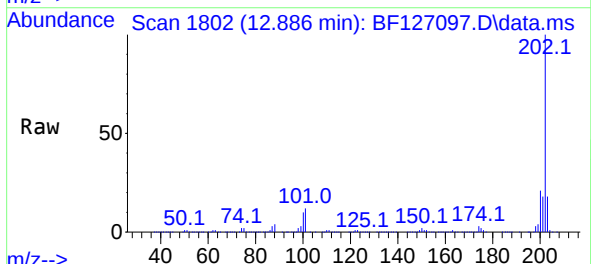
Tgt Ion:184 Resp: 19277
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 11.2 8.2 12.2

Manual Integrations
APPROVED

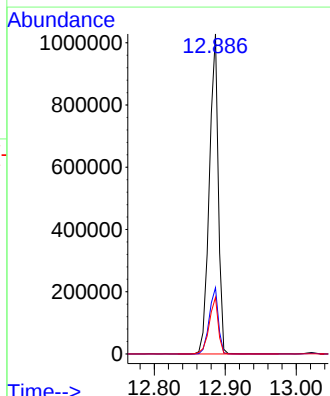
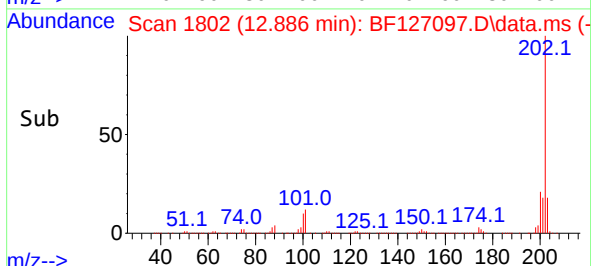
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

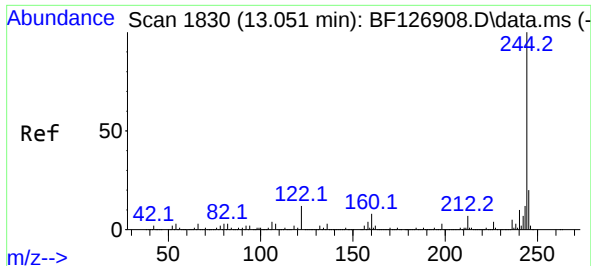


#78
Pyrene
Concen: 56.316 ng
RT: 12.886 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:202 Resp: 900089
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.7 13.8 20.8





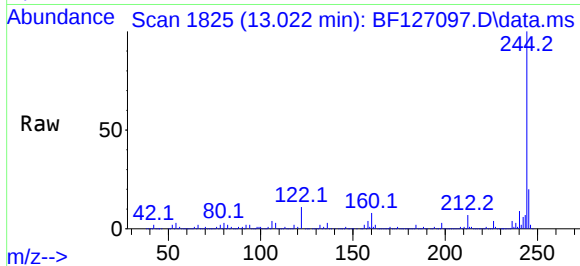
#79
Terphenyl-d14
Concen: 90.730 ng
RT: 13.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

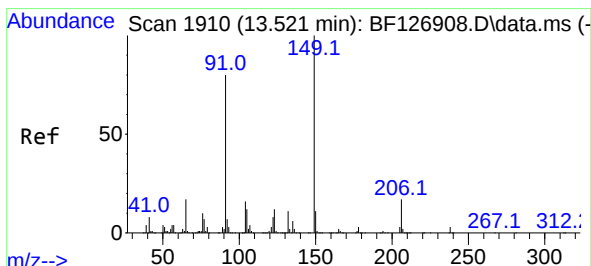
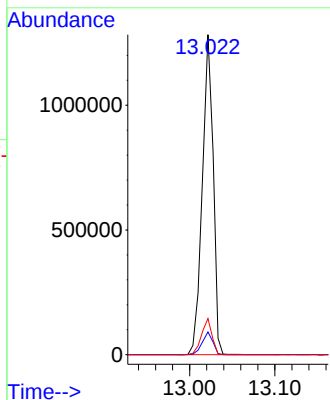
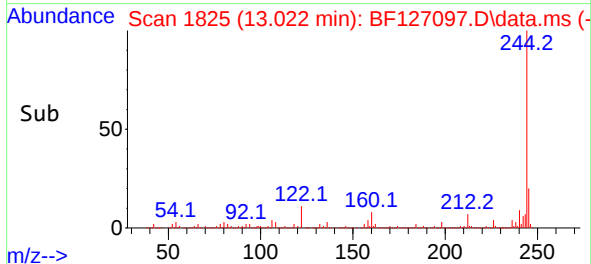


Tgt Ion:244 Resp: 113543
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 11.3 13.3 19.9

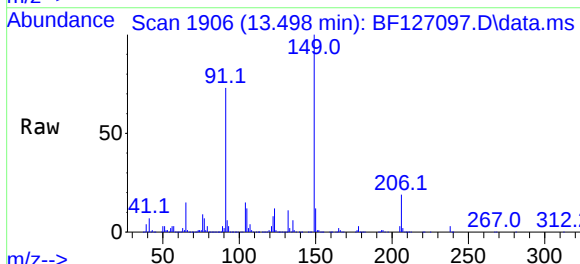
Manual Integrations

APPROVED

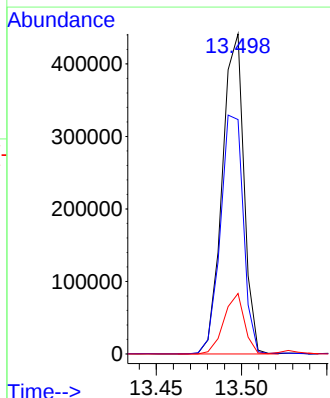
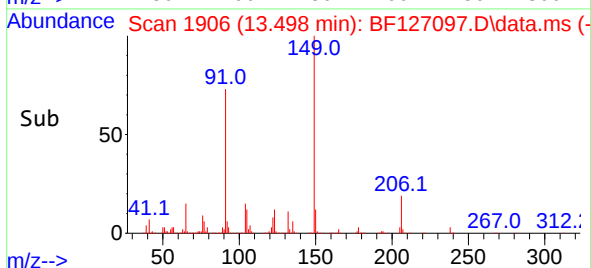
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

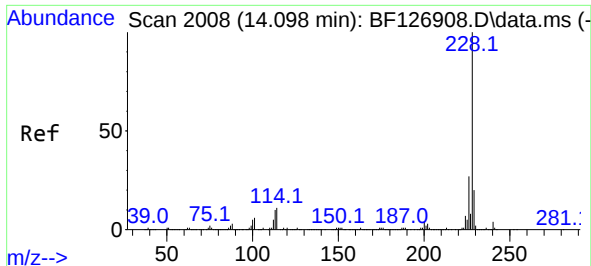


#80
Butylbenzylphthalate
Concen: 51.722 ng
RT: 13.498 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:149 Resp: 391353
Ion Ratio Lower Upper
149 100
91 73.2 70.5 105.7
206 18.9 12.6 19.0





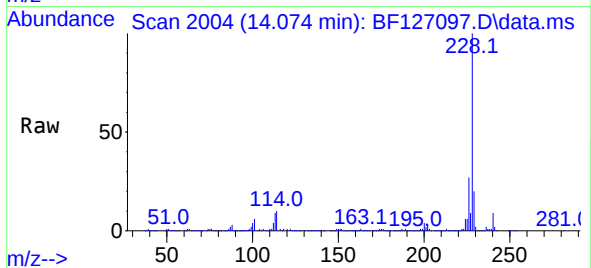
#81
Benzo(a)anthracene
Concen: 47.091 ng
RT: 14.074 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

TP-8MSD

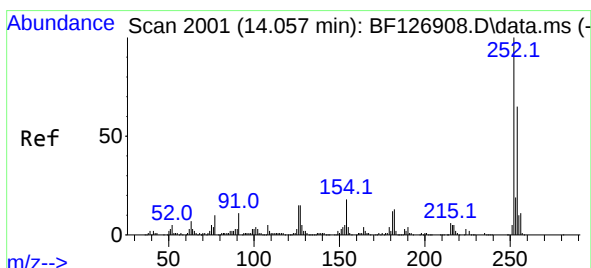
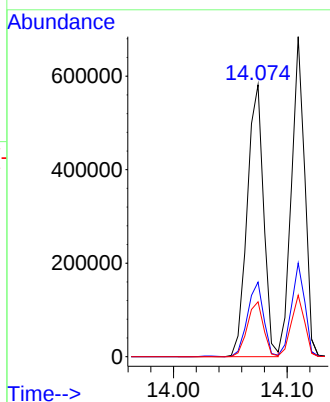
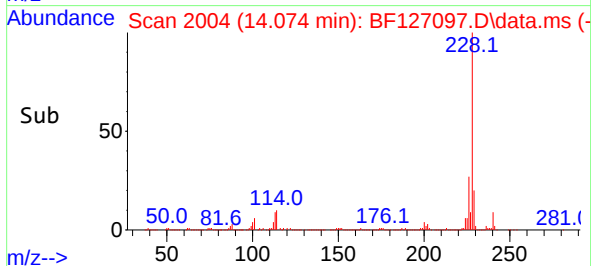


Tgt Ion:228 Resp: 58403
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 20.2 15.4 23.2

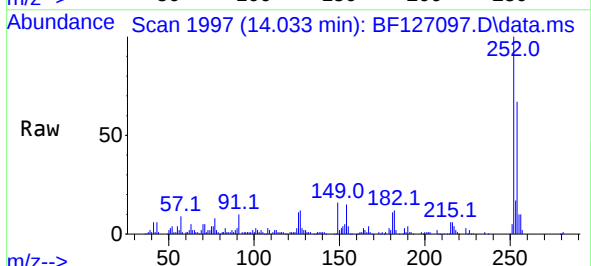
Manual Integrations

APPROVED

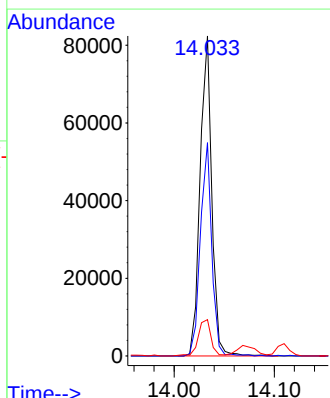
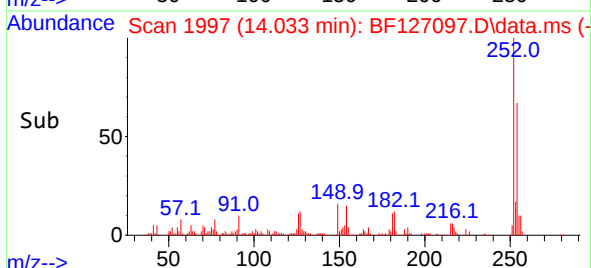
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

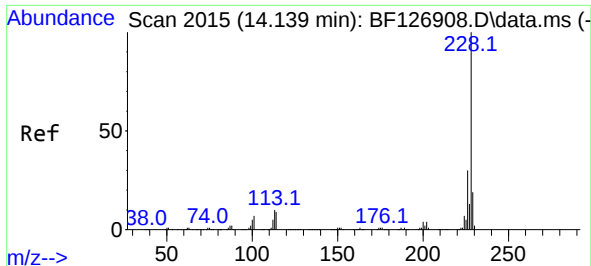


#82
3,3'-Dichlorobenzidine
Concen: 17.121 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56



Tgt Ion:252 Resp: 66920
Ion Ratio Lower Upper
252 100
254 66.7 51.0 76.4
126 11.4 13.4 20.0#





#83
Chrysene
Concen: 47.297 ng
RT: 14.110 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

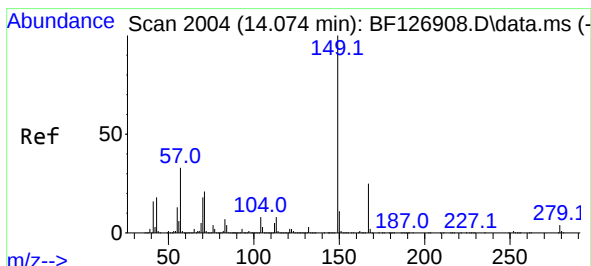
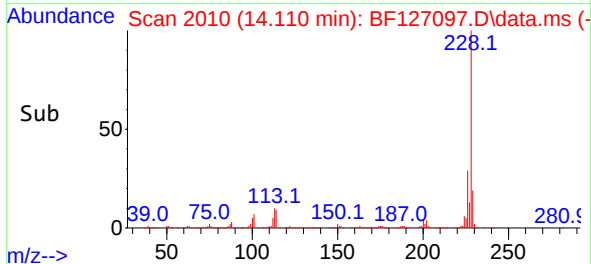
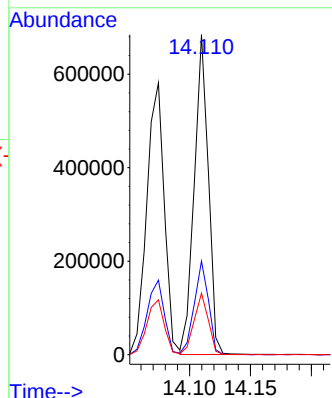
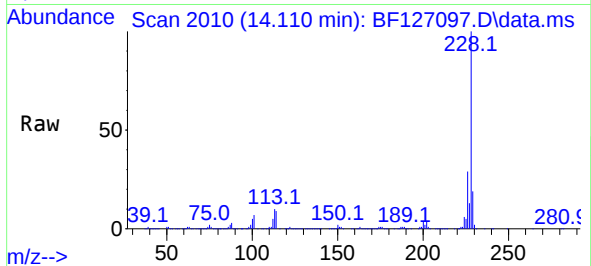
TP-8MSD

Tgt Ion:228 Resp: 55161
Ion Ratio Lower Upper
228 100
226 29.3 23.7 35.5
229 19.2 15.5 23.3

Manual Integrations

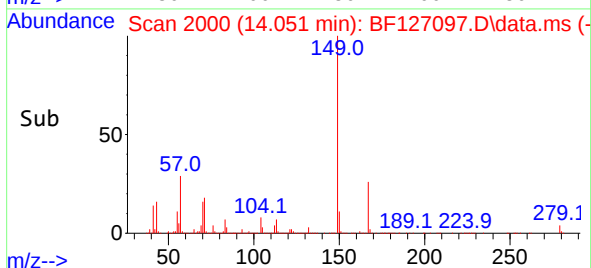
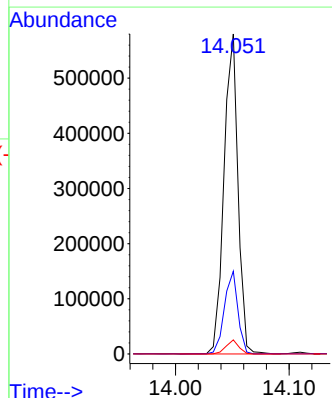
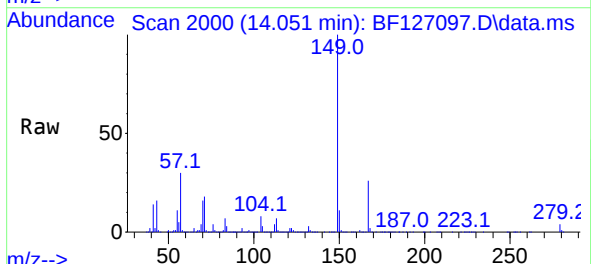
APPROVED

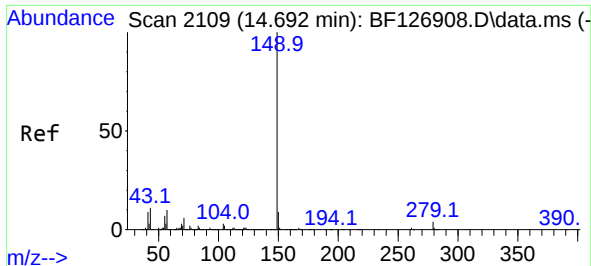
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.159 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

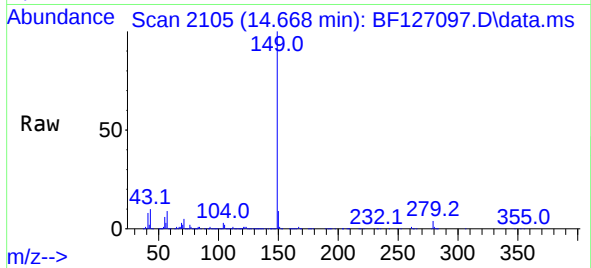
Tgt Ion:149 Resp: 498264
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.2
279 4.4 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 47.262 ng
RT: 14.668 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

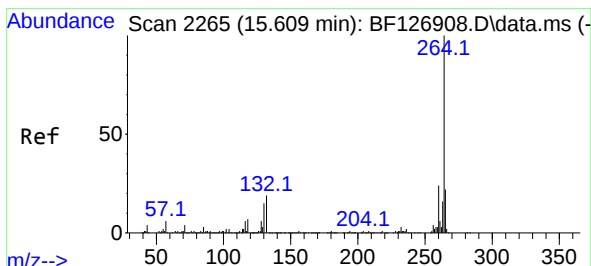
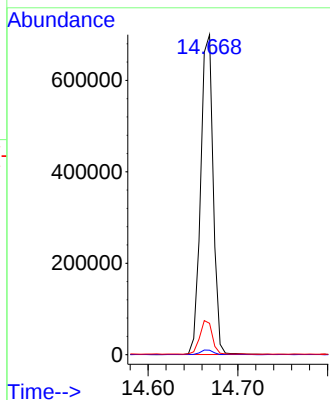
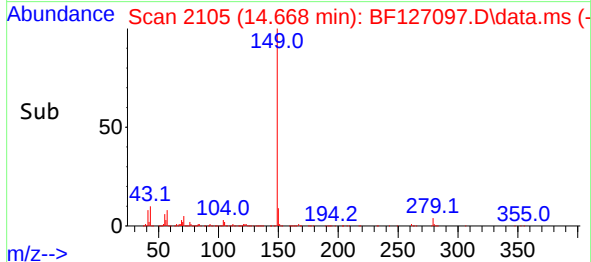
Instrument :
BNA_F
ClientSampleId :
TP-8MSD



Tgt Ion:149 Resp: 675972
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 9.9 14.9

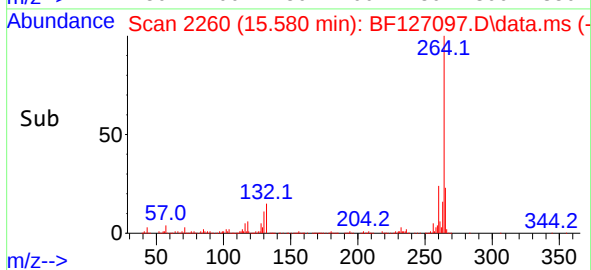
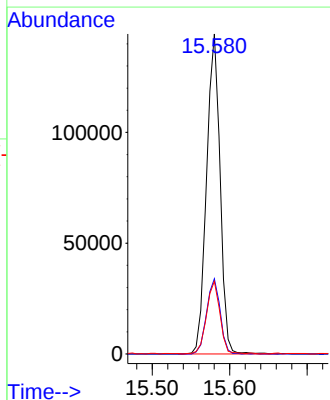
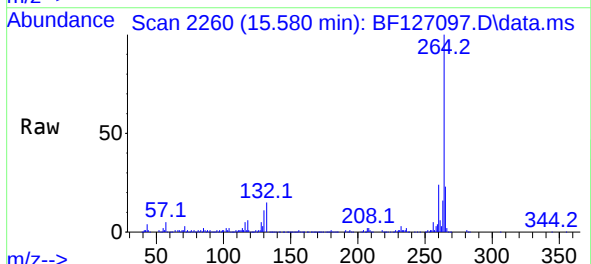
Manual Integrations
APPROVED

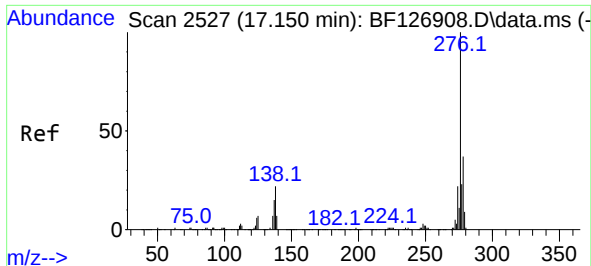
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:264 Resp: 174661
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 56.380 ng
RT: 17.109 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

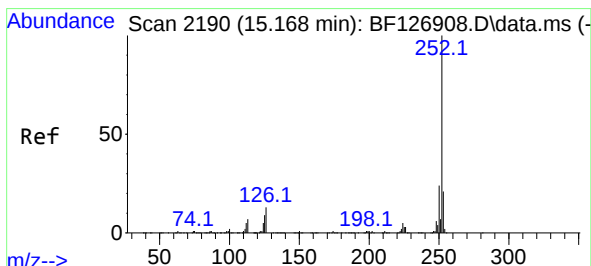
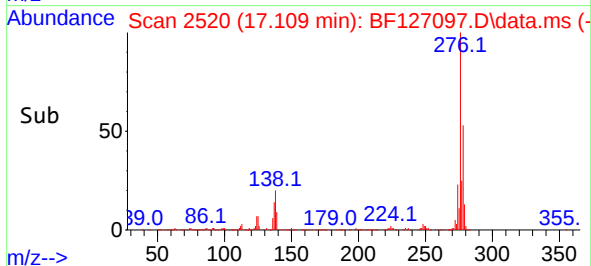
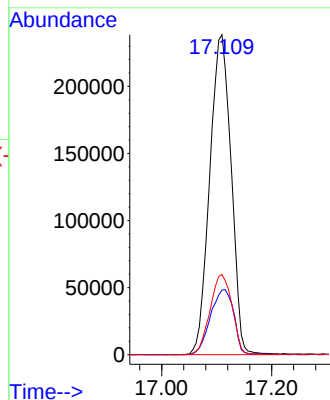
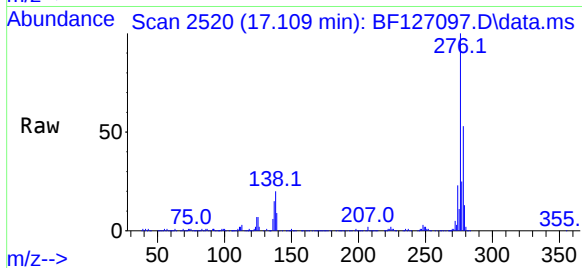
TP-8MSD

Tgt Ion:276 Resp: 645710
Ion Ratio Lower Upper
276 100
138 22.1 29.2 43.8
277 25.9 19.8 29.8

Manual Integrations

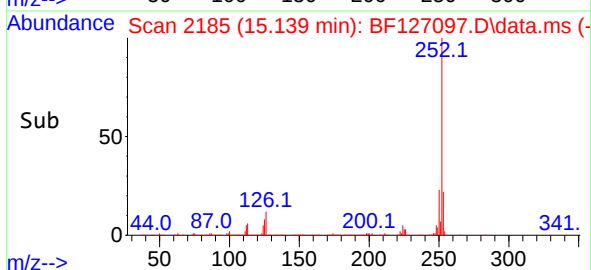
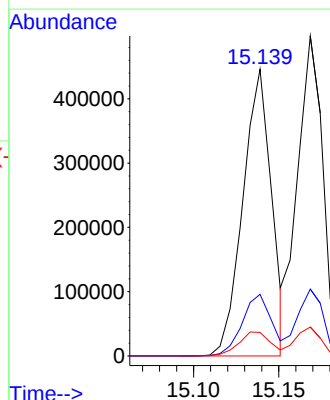
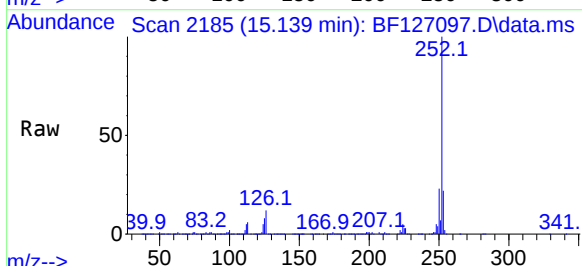
APPROVED

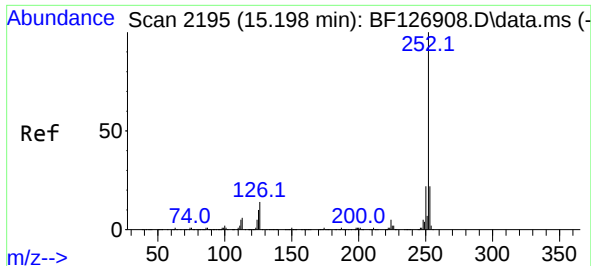
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#88
Benzo(b)fluoranthene
Concen: 44.480 ng
RT: 15.139 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:252 Resp: 521789
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.2 12.4 18.6





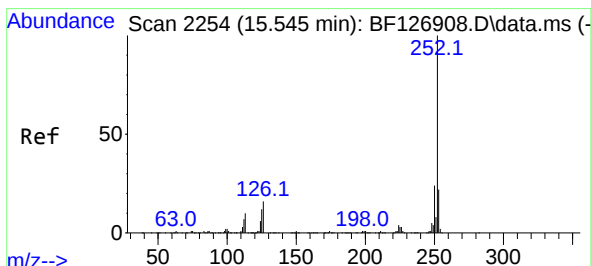
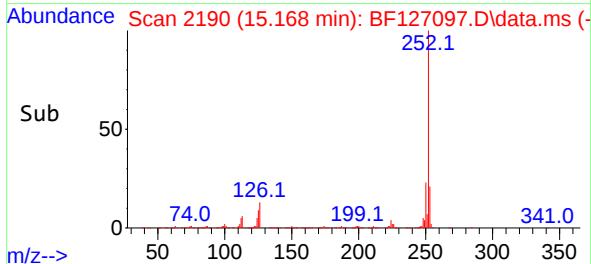
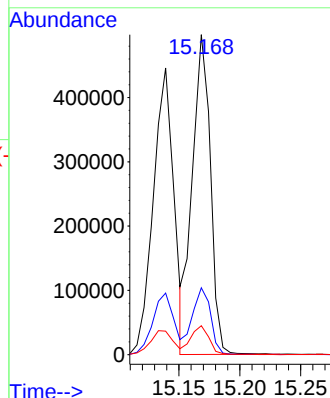
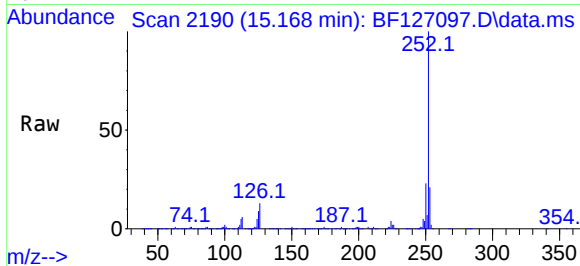
#89
Benzo(k)fluoranthene
Concen: 45.512 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :
BNA_F
ClientSampleId :
TP-8MSD

Tgt Ion:252 Resp: 514958
Ion Ratio Lower Upper
252 100
253 20.9 17.5 26.3
125 9.1 11.8 17.6

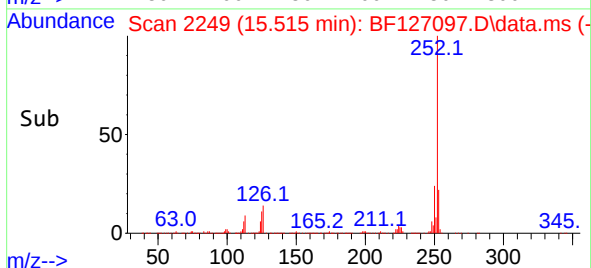
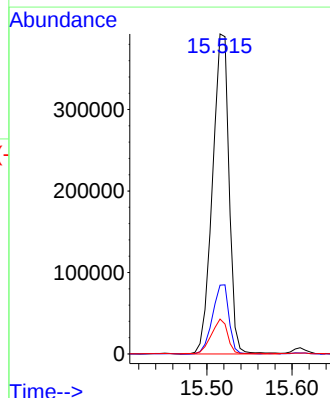
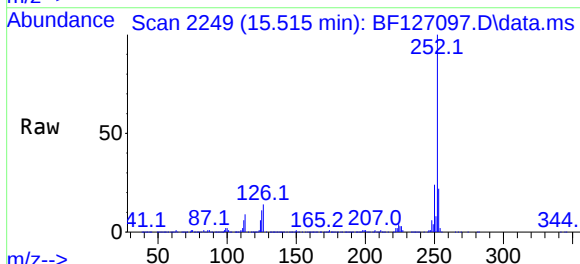
Manual Integrations
APPROVED

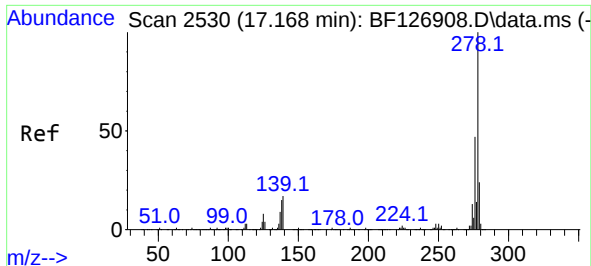
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#90
Benzo(a)pyrene
Concen: 57.874 ng
RT: 15.515 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:252 Resp: 530296
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.9 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 57.803 ng
RT: 17.127 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Instrument :

BNA_F

ClientSampleId :

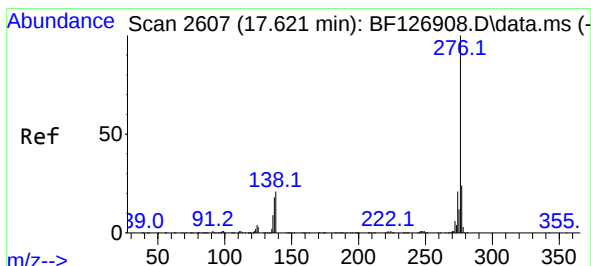
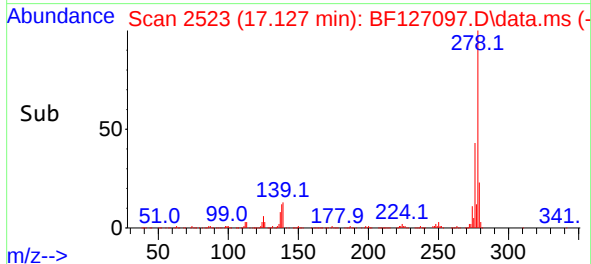
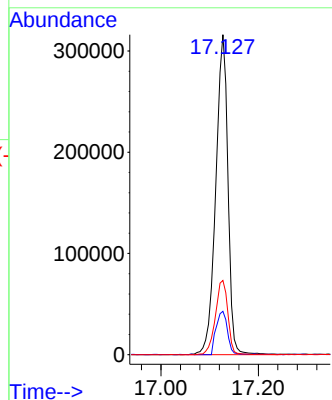
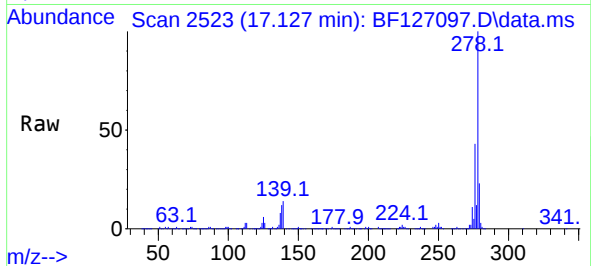
TP-8MSD

Tgt Ion:278 Resp: 547511
Ion Ratio Lower Upper
278 100
139 13.5 18.0 27.0
279 23.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#92
Benzo(g,h,i)perylene
Concen: 58.212 ng
RT: 17.574 min Scan# 2599
Delta R.T. -0.006 min
Lab File: BF127097.D
Acq: 28 Feb 2022 13:56

Tgt Ion:276 Resp: 543589
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 19.6 25.9 38.9

