

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127103.D
 Acq On : 28 Feb 2022 16:47
 Operator : CG\JU
 Sample : N1679-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11944MSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 01 01:39:37 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	91749	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	369800	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	184051	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	311977	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	161379	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	180014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	629559	106.053	ng	0.00
7) Phenol-d6	6.534	99	834412	104.170	ng	0.00
23) Nitrobenzene-d5	7.469	82	582286	71.073	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	244933	115.584	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	927129	74.158	ng	0.00
79) Terphenyl-d14	13.022	244	766277	69.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	113971	41.957	ng	97
3) Pyridine	3.504	79	271990	38.175	ng	95
4) n-Nitrosodimethylamine	3.469	42	164069	47.008	ng	# 76
6) Aniline	6.563	93	274525	28.926	ng	94
8) 2-Chlorophenol	6.687	128	317544	49.855	ng	97
9) Benzaldehyde	6.457	77	191691	39.314	ng	98
10) Phenol	6.545	94	408208m	50.436	ng	
11) bis(2-Chloroethyl)ether	6.640	93	302051	47.581	ng	100
12) 1,3-Dichlorobenzene	6.845	146	337059	49.057	ng	98
13) 1,4-Dichlorobenzene	6.922	146	338565	48.606	ng	97
14) 1,2-Dichlorobenzene	7.069	146	324547	48.859	ng	98
15) Benzyl Alcohol	7.045	79	317868	47.105	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	420065	42.023	ng	94
17) 2-Methylphenol	7.157	107	267490	48.541	ng	94
18) Hexachloroethane	7.416	117	130731	48.964	ng	# 87
19) n-Nitroso-di-n-propyla...	7.316	70	239198	46.343	ng	98
20) 3+4-Methylphenols	7.304	107	338564	47.313	ng	93
22) Acetophenone	7.310	105	462606	47.512	ng	# 95
24) Nitrobenzene	7.487	77	370439	47.863	ng	96
25) Isophorone	7.722	82	654539	48.281	ng	# 98
26) 2-Nitrophenol	7.804	139	168344	51.087	ng	# 87
27) 2,4-Dimethylphenol	7.834	122	297444m	54.946	ng	
28) bis(2-Chloroethoxy)met...	7.934	93	375429	45.679	ng	98
29) 2,4-Dichlorophenol	8.045	162	254409	49.988	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	272498	47.891	ng	97
31) Naphthalene	8.210	128	926684	48.004	ng	100
32) Benzoic acid	7.963	122	201870	52.582	ng	91
33) 4-Chloroaniline	8.251	127	84070	11.064	ng	96
34) Hexachlorobutadiene	8.316	225	160837	48.417	ng	97
35) Caprolactam	8.634	113	84447m	47.515	ng	
36) 4-Chloro-3-methylphenol	8.739	107	317743	48.850	ng	96
37) 2-Methylnaphthalene	8.898	142	616349	49.205	ng	97
38) 1-Methylnaphthalene	8.998	142	575093	47.944	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	253151	52.251	ng	98
41) Hexachlorocyclopentadiene	9.051	237	257795	98.107	ng	93
43) 2,4,6-Trichlorophenol	9.181	196	178887	50.342	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	186342	49.834	ng	94
46) 1,1'-Biphenyl	9.363	154	737259	50.559	ng	98
47) 2-Chloronaphthalene	9.392	162	535946	49.563	ng	96
48) 2-Nitroaniline	9.486	65	206337	48.355	ng	96
49) Acenaphthylene	9.810	152	898486	51.152	ng	98
50) Dimethylphthalate	9.669	163	649550	49.374	ng	# 99
51) 2,6-Dinitrotoluene	9.733	165	140653	52.549	ng	99
52) Acenaphthene	9.981	154	634545m	55.548	ng	
53) 3-Nitroaniline	9.898	138	80782	24.690	ng	96
54) 2,4-Dinitrophenol	10.010	184	142851	100.834	ng	# 86
55) Dibenzofuran	10.151	168	785718	50.020	ng	91
56) 4-Nitrophenol	10.063	139	219451	90.814	ng	# 75
57) 2,4-Dinitrotoluene	10.133	165	184420	50.959	ng	# 95
58) Fluorene	10.498	166	629677	51.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	143608	48.443	ng	94
60) Diethylphthalate	10.363	149	659943	48.008	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	280231	48.571	ng	98
62) 4-Nitroaniline	10.516	138	139753	43.256	ng	# 76
63) Azobenzene	10.645	77	690267	45.095	ng	93
65) 4,6-Dinitro-2-methylph...	10.545	198	87379	47.668	ng	98
66) n-Nitrosodiphenylamine	10.604	169	516861	50.524	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	173965	49.908	ng	97
68) Hexachlorobenzene	11.039	284	189475	50.493	ng	# 90
69) Atrazine	11.133	200	167601	52.824	ng	97
70) Pentachlorophenol	11.239	266	194187	94.798	ng	98
71) Phenanthrene	11.463	178	1032905	59.152	ng	99
72) Anthracene	11.516	178	883815	50.842	ng	100
73) Carbazole	11.669	167	693795	43.521	ng	98
74) Di-n-butylphthalate	11.992	149	951456	46.426	ng	99
75) Fluoranthene	12.657	202	864860	52.162	ng	93
77) Benzidine	12.774	184	227684	51.916	ng	# 96
78) Pyrene	12.886	202	798029	56.919	ng	98
80) Butylbenzylphthalate	13.498	149	302179	45.526	ng	83
81) Benzo(a)anthracene	14.074	228	588669	54.108	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	100340	29.265	ng	# 96
83) Chrysene	14.110	228	543208	53.095	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	429730	49.314	ng	# 98
85) Di-n-octyl phthalate	14.668	149	625378	49.844	ng	96
87) Indeno(1,2,3-cd)pyrene	17.109	276	580059	49.142	ng	# 85
88) Benzo(b)fluoranthene	15.139	252	675920	55.905	ng	# 93
89) Benzo(k)fluoranthene	15.168	252	530149	45.461	ng	# 95
90) Benzo(a)pyrene	15.521	252	599362m	63.466	ng	
91) Dibenzo(a,h)anthracene	17.127	278	480590	49.229	ng	# 91
92) Benzo(g,h,i)perylene	17.574	276	463851	48.196	ng	# 85

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

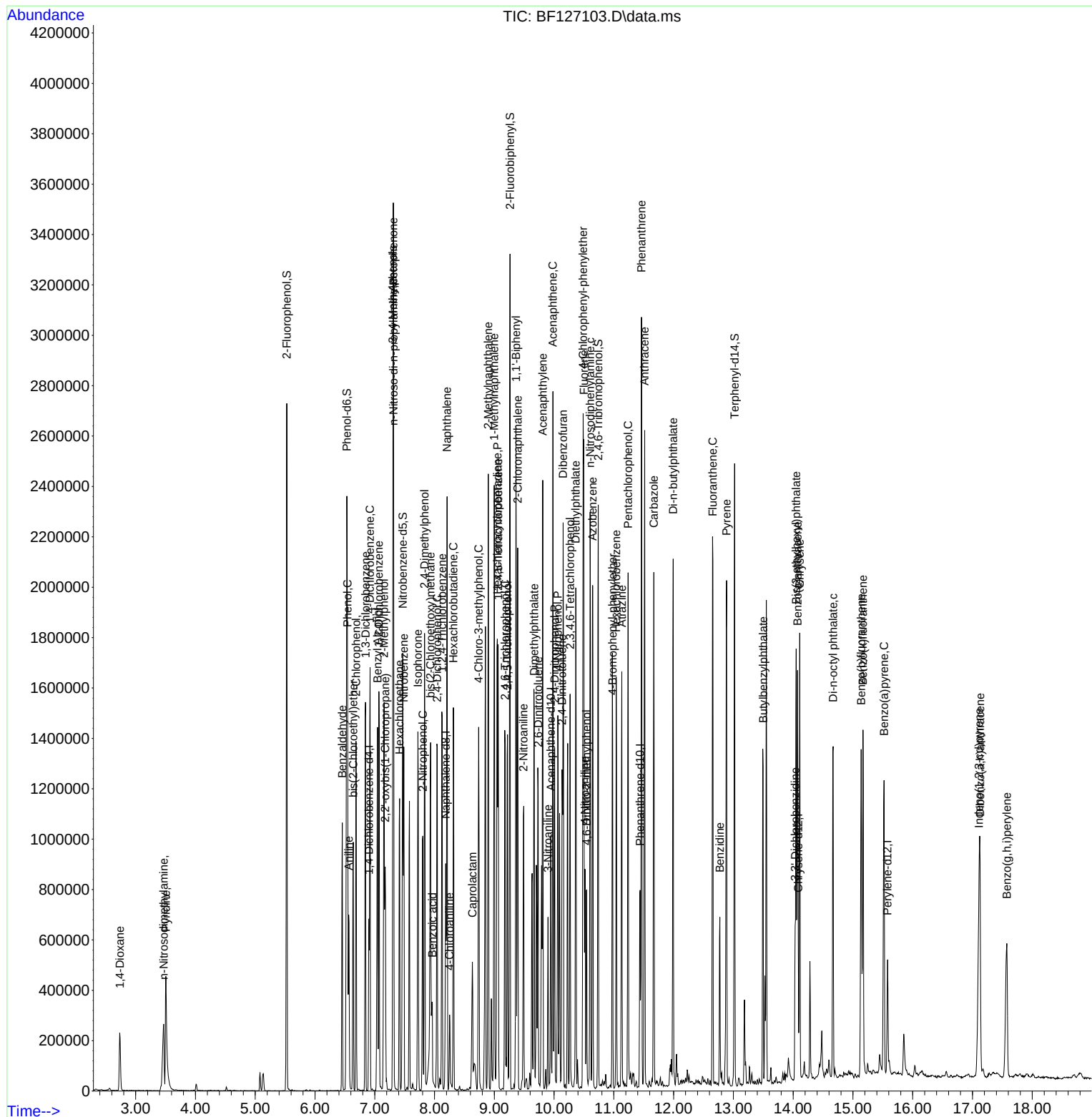
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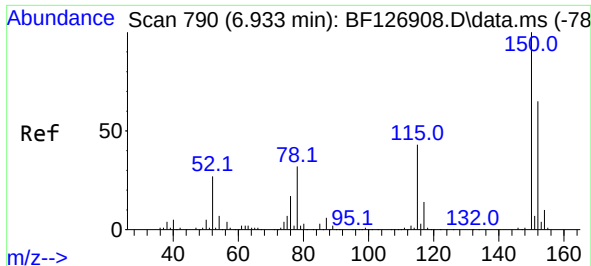
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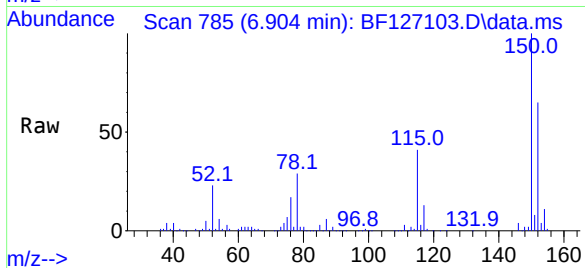
Reviewed By : Christian Giraldo 03/01/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

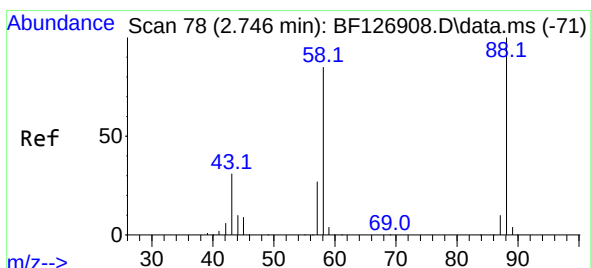
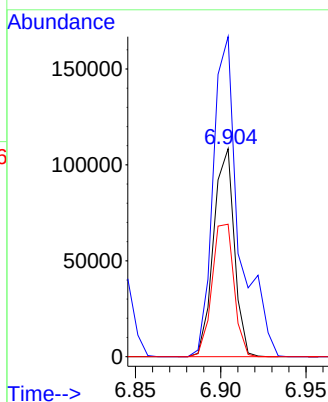
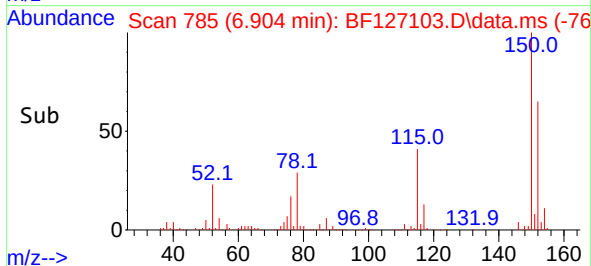
Instrument :
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ClientSampleId :
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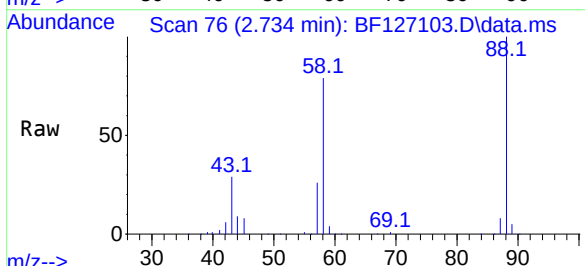
Tgt Ion:152 Resp: 91749
Ion Ratio Lower Upper
152 100
150 153.8 128.1 192.1
115 63.7 56.7 85.1

Manual Integrations
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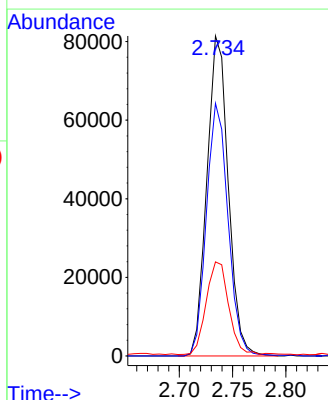
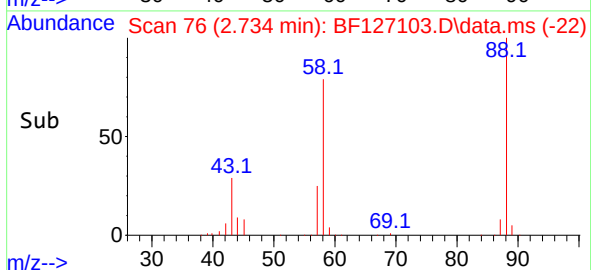
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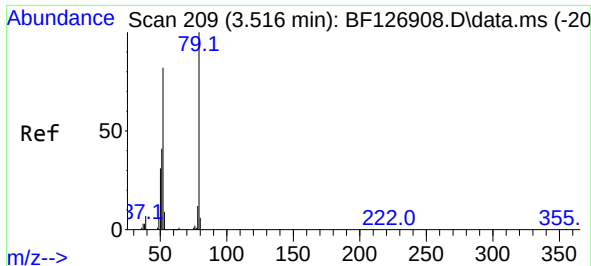


#2
1,4-Dioxane
Concen: 41.957 ng
RT: 2.734 min Scan# 76
Delta R.T. 0.018 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



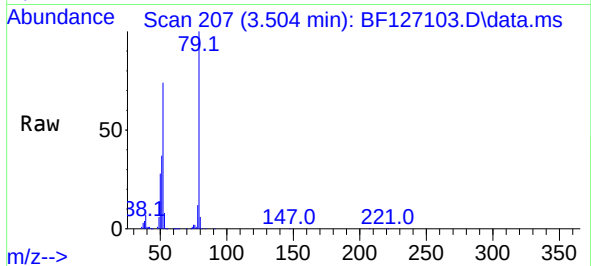
Tgt Ion: 88 Resp: 113971
Ion Ratio Lower Upper
88 100
58 80.0 62.8 94.2
43 30.9 22.3 33.5





#3
Pyridine
Concen: 38.175 ng
RT: 3.504 min Scan# 207
Delta R.T. 0.018 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

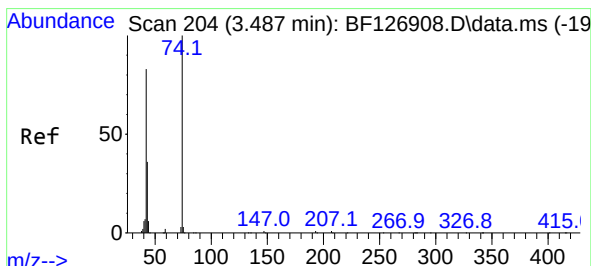
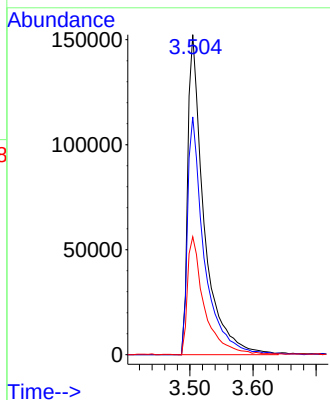
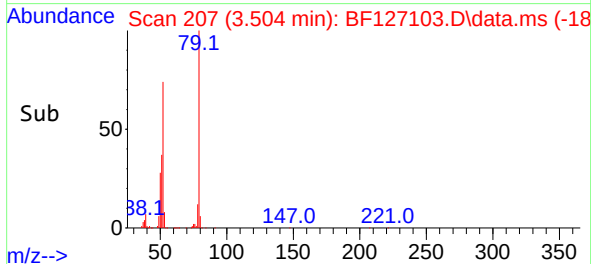
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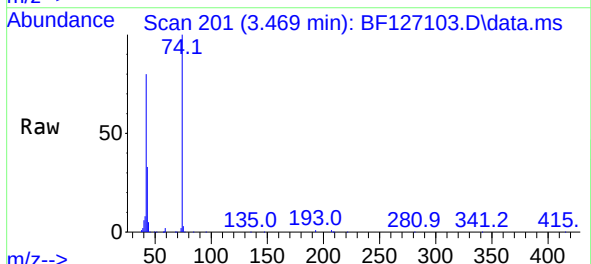
Tgt Ion: 79 Resp: 271990
Ion Ratio Lower Upper
79 100
52 74.3 56.2 84.4
51 36.9 26.7 40.1

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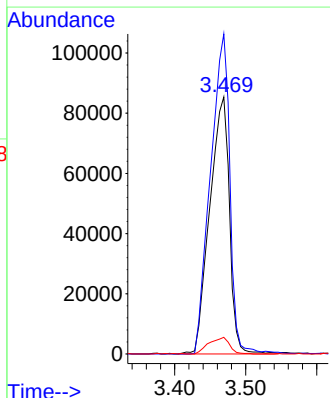
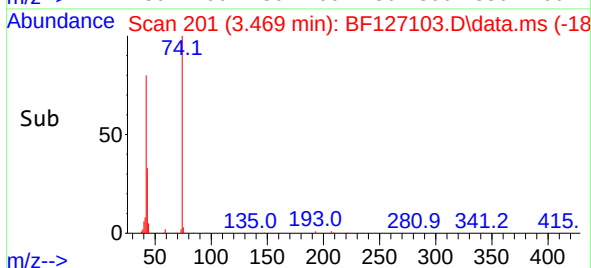
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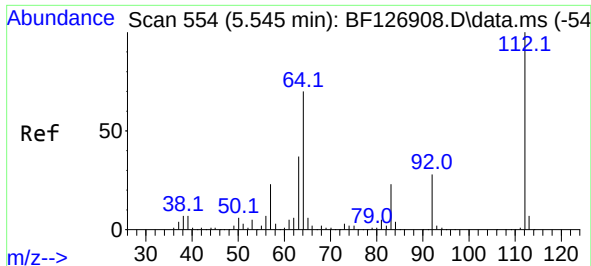


#4
n-Nitrosodimethylamine
Concen: 47.008 ng
RT: 3.469 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



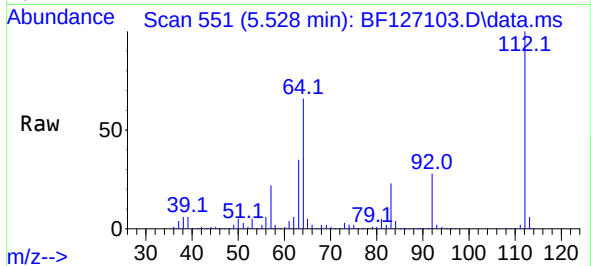
Tgt Ion: 42 Resp: 164069
Ion Ratio Lower Upper
42 100
74 124.5 125.6 188.4#
44 6.5 5.7 8.5





#5
2-Fluorophenol
Concen: 106.053 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

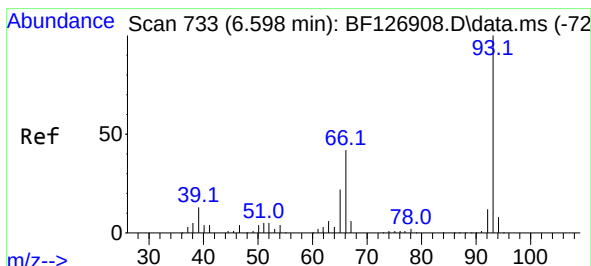
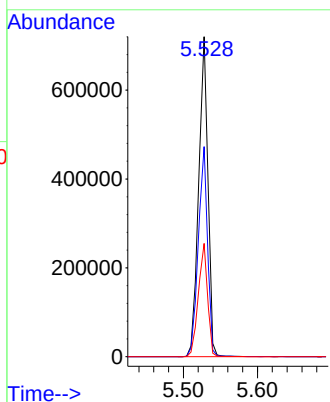
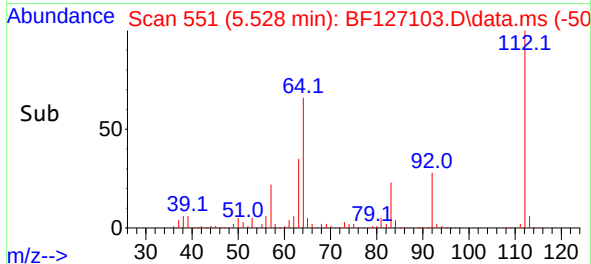
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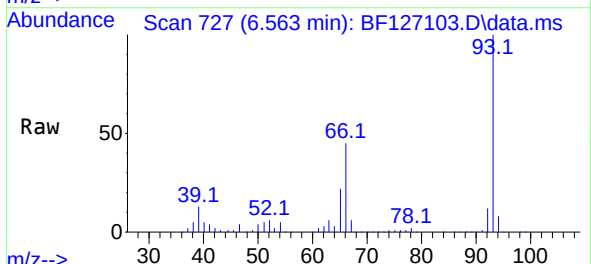
Tgt Ion:112 Resp: 62955
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 35.4 23.9 35.9

Manual Integrations
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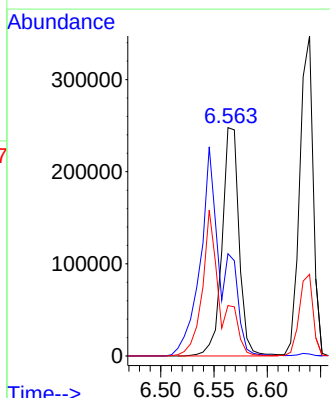
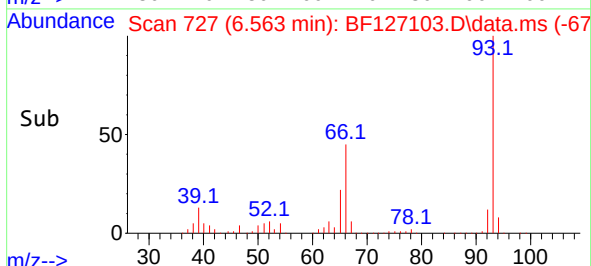
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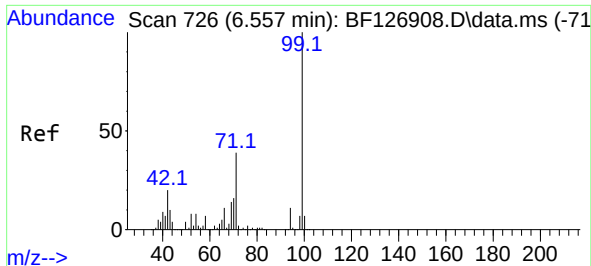


#6
Aniline
Concen: 28.926 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



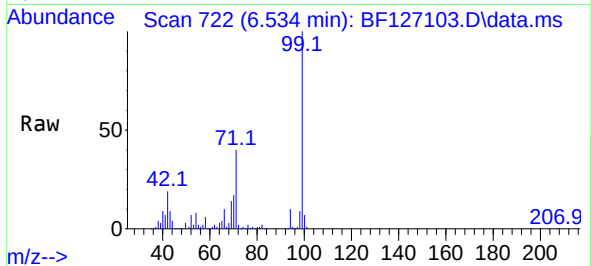
Tgt Ion: 93 Resp: 274525
Ion Ratio Lower Upper
93 100
66 44.8 32.2 48.4
65 22.1 16.3 24.5





#7
Phenol-d6
Concen: 104.170 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127103.D
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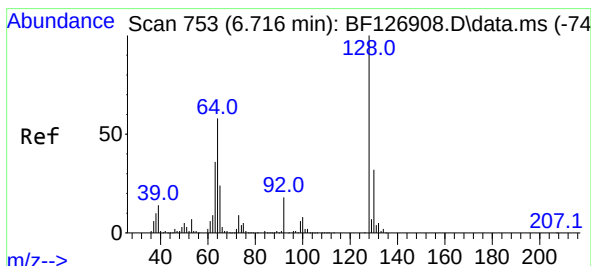
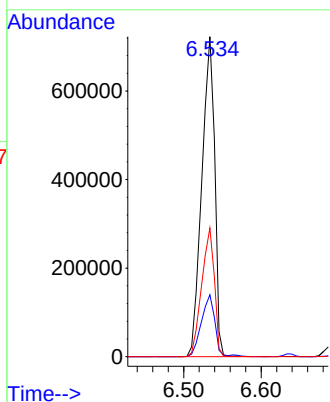
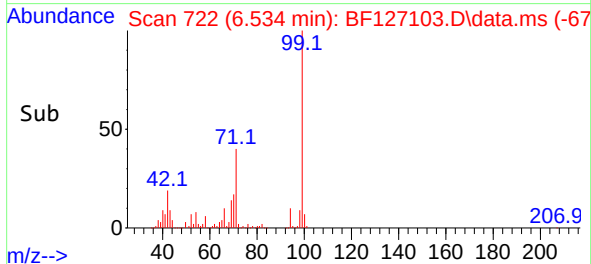
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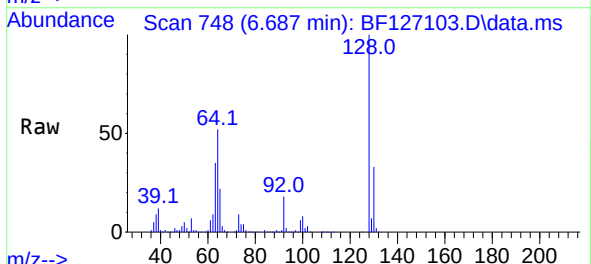
Tgt Ion: 99 Resp: 834412
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 40.2 24.3 36.5

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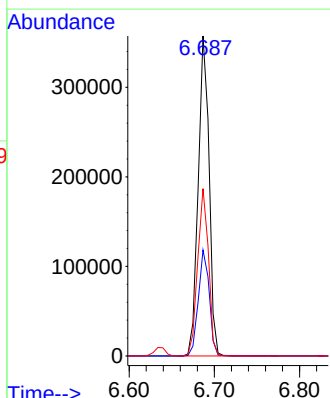
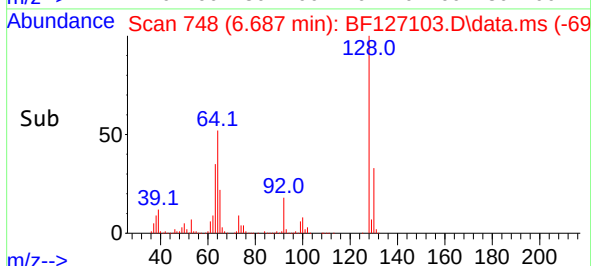
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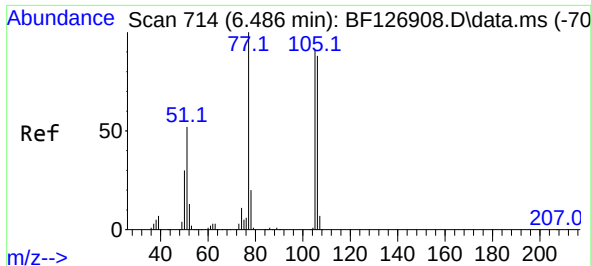


#8
2-Chlorophenol
Concen: 49.855 ng
RT: 6.687 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



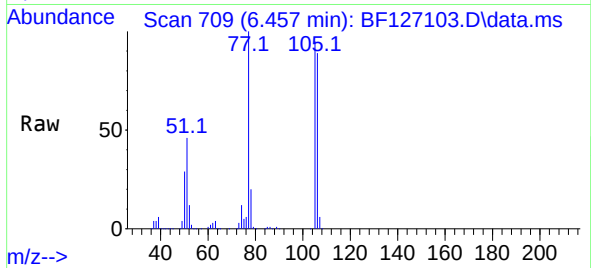
Tgt Ion:128 Resp: 317544
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 52.3 35.6 75.6





#9
Benzaldehyde
Concen: 39.314 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

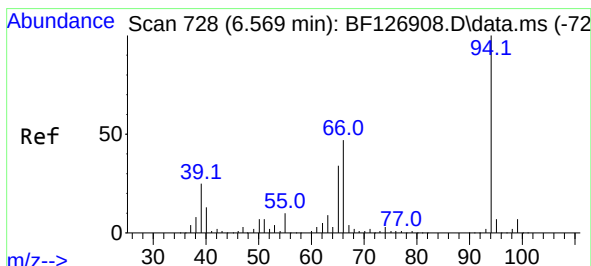
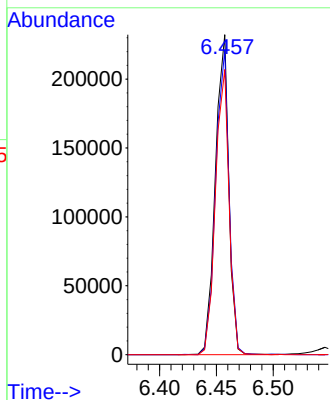
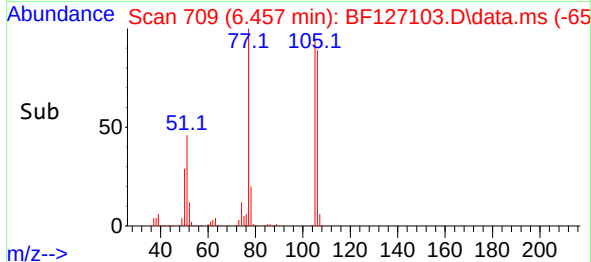
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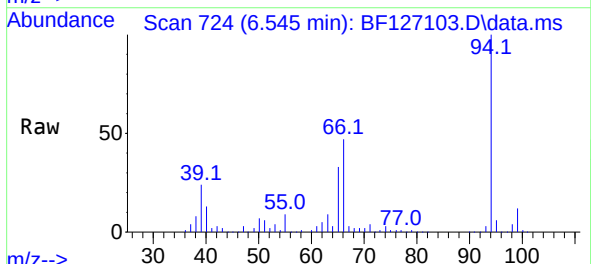
Tgt Ion: 77 Resp: 19169
Ion Ratio Lower Upper
77 100
105 95.2 74.9 114.9
106 89.1 72.4 112.4

Manual Integrations
APPROVED

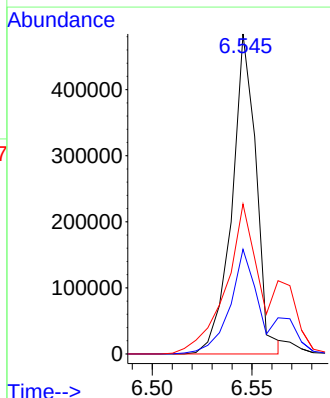
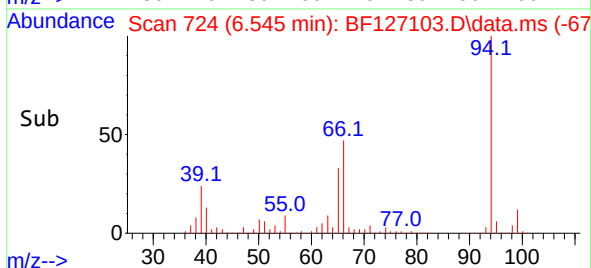
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

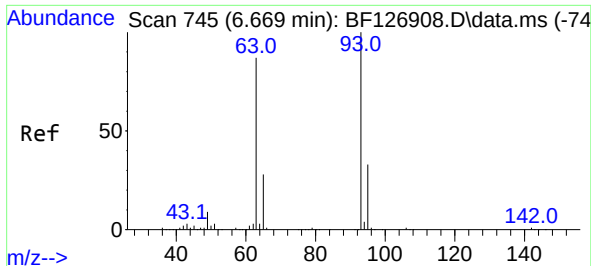


#10
Phenol
Concen: 50.436 ng m
RT: 6.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



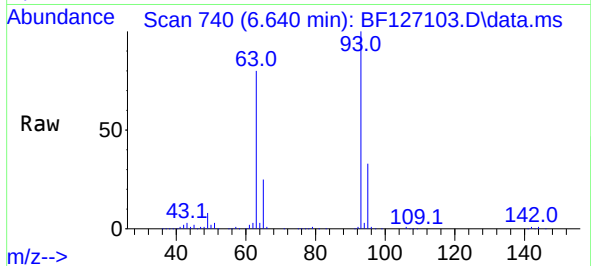
Tgt Ion: 94 Resp: 408208
Ion Ratio Lower Upper
94 100
65 32.7 7.2 47.2
66 46.9 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 47.581 ng
RT: 6.640 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

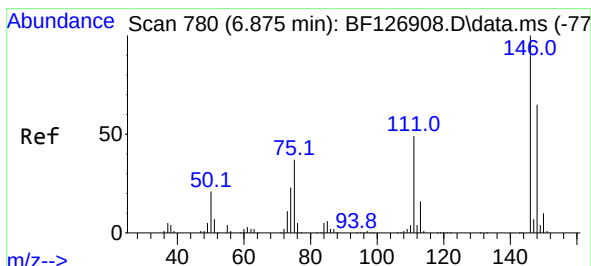
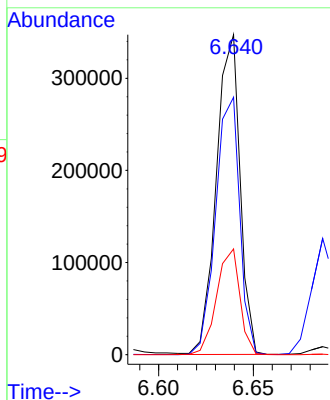
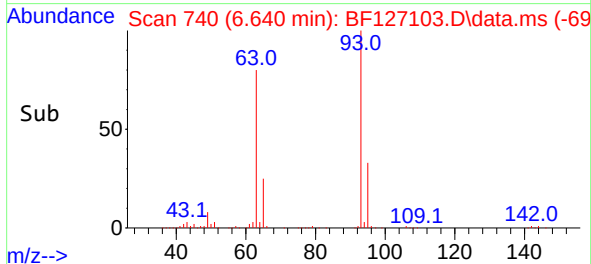
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



Tgt Ion: 93 Resp: 30205
Ion Ratio Lower Upper
93 100
63 80.4 60.5 100.5
95 33.1 12.9 52.9

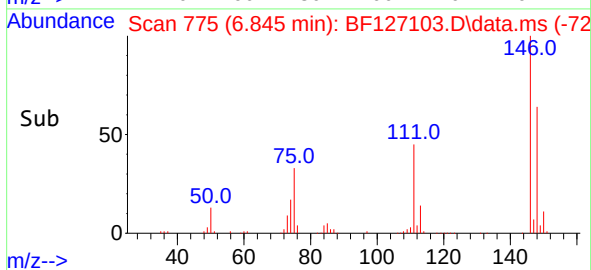
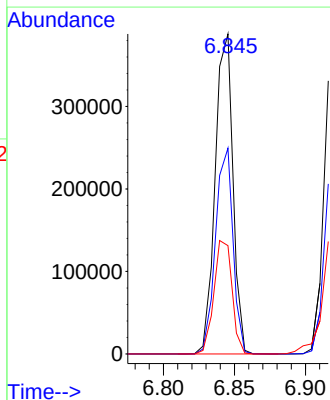
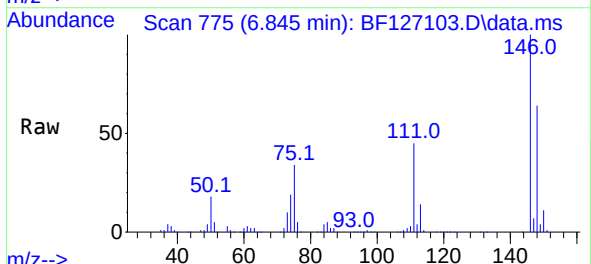
Manual Integrations
APPROVED

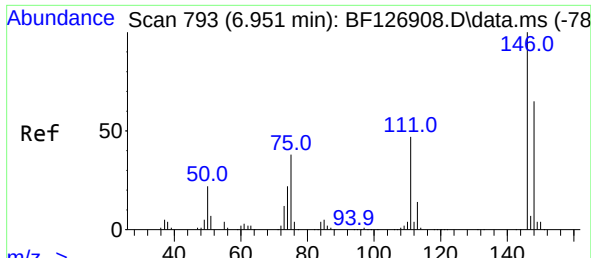
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#12
1,3-Dichlorobenzene
Concen: 49.057 ng
RT: 6.845 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

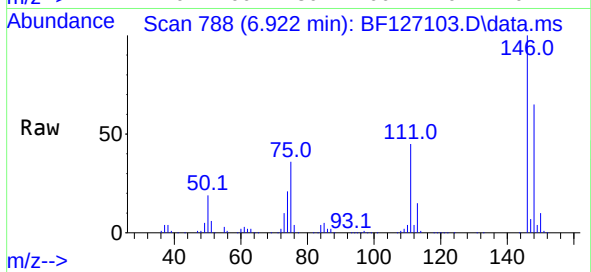
Tgt Ion:146 Resp: 337059
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
75 33.8 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 48.606 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

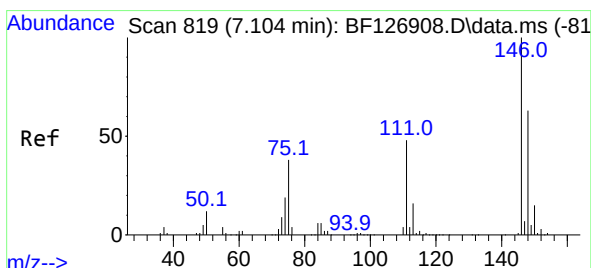
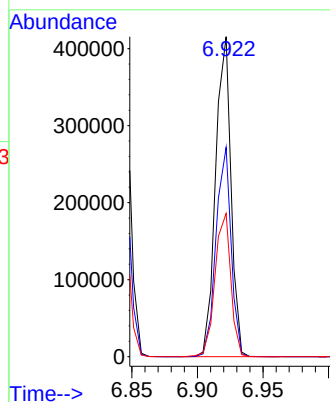
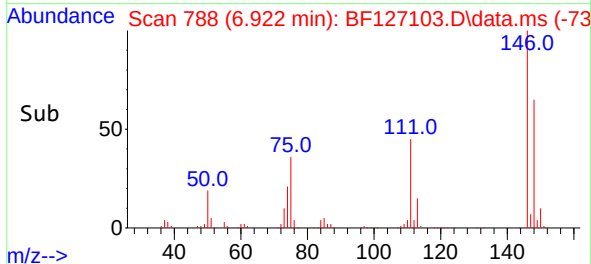
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



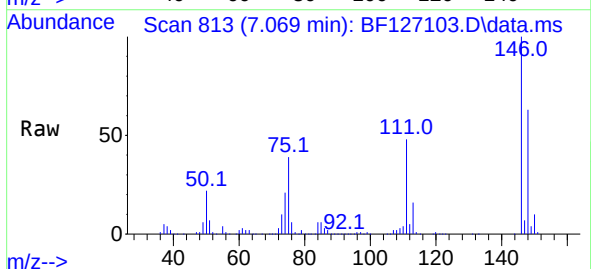
Tgt Ion:146 Resp: 33856
Ion Ratio Lower Upper
146 100
148 65.4 49.8 74.6
111 44.8 36.1 54.1

Manual Integrations
APPROVED

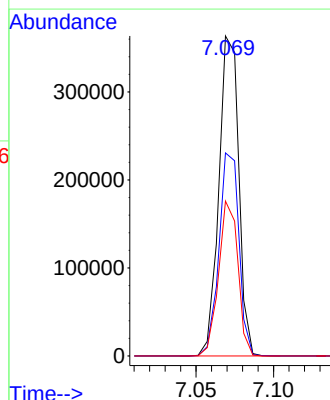
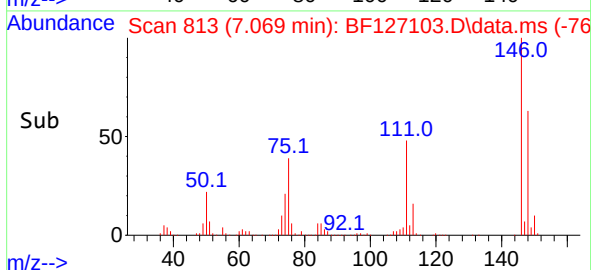
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

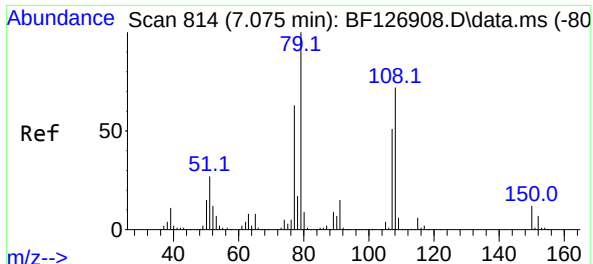


#14
1,2-Dichlorobenzene
Concen: 48.859 ng
RT: 7.069 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



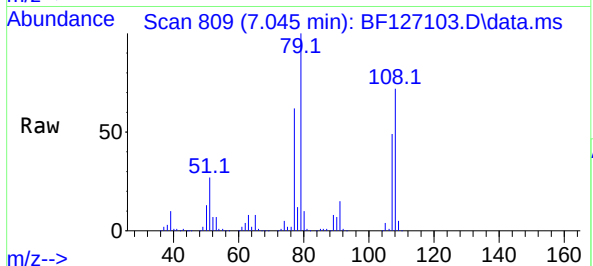
Tgt Ion:146 Resp: 324547
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 48.4 40.2 60.2





#15
Benzyl Alcohol
Concen: 47.105 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

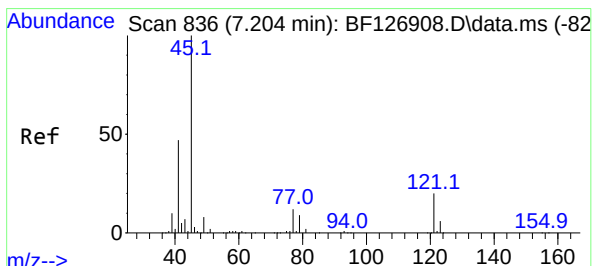
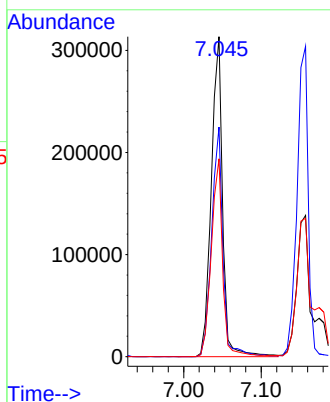
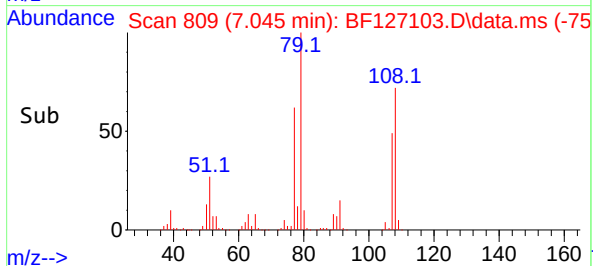
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



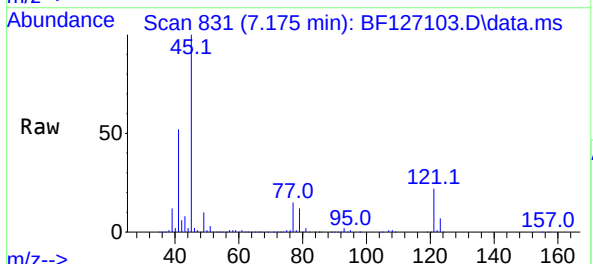
Tgt Ion: 79 Resp: 31786
Ion Ratio Lower Upper
79 100
108 71.8 63.2 94.8
77 61.9 49.4 74.2

Manual Integrations
APPROVED

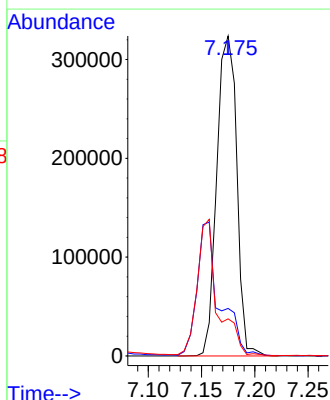
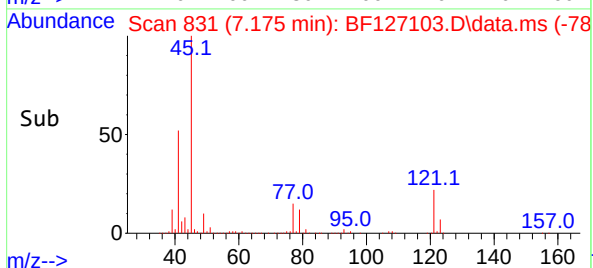
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

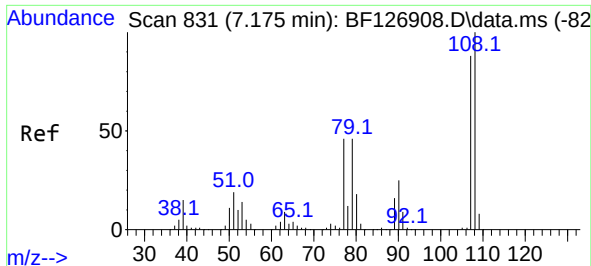


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.023 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



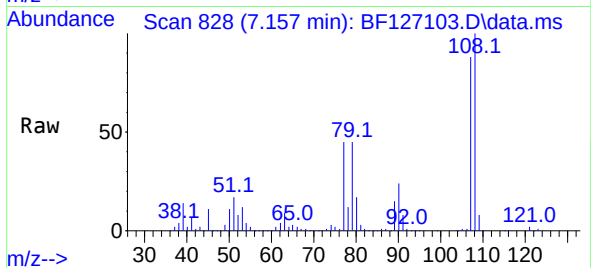
Tgt Ion: 45 Resp: 420065
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.4
79 11.6 0.0 29.8





#17
2-Methylphenol
Concen: 48.541 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

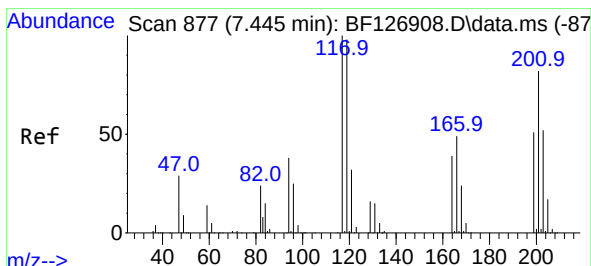
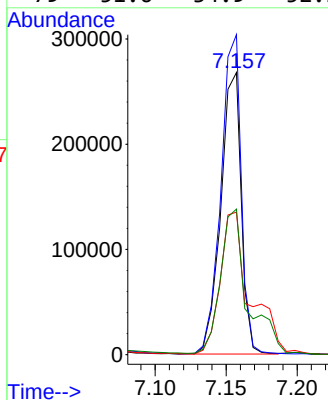
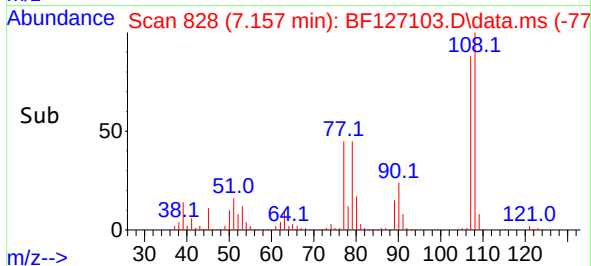
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



Tgt Ion:107 Resp: 267490
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.0
77 50.5 36.1 54.1
79 51.6 34.9 52.3

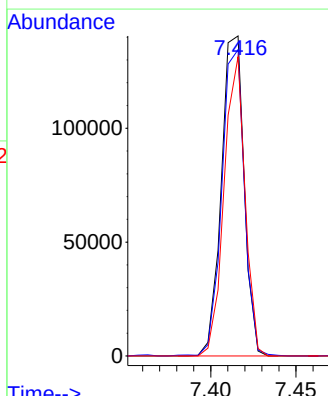
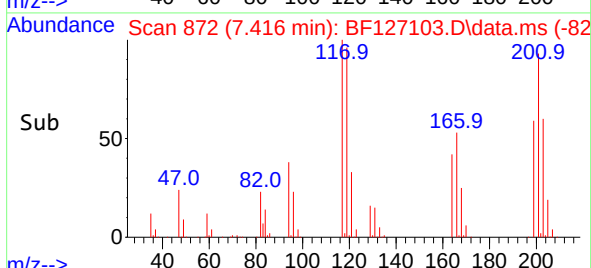
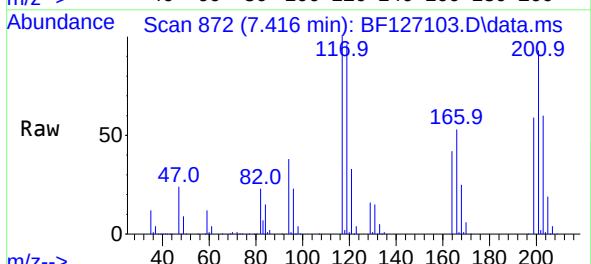
Manual Integrations
APPROVED

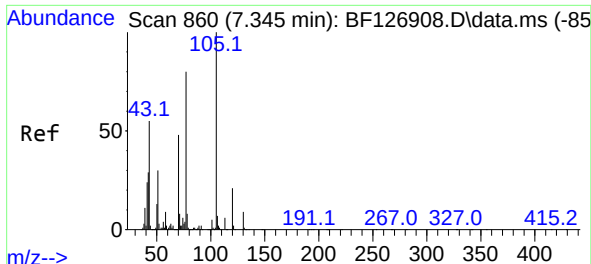
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#18
Hexachloroethane
Concen: 48.964 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

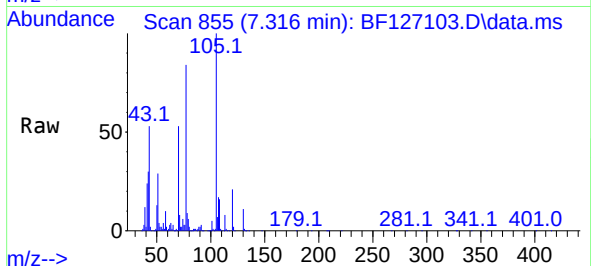
Tgt Ion:117 Resp: 130731
Ion Ratio Lower Upper
117 100
119 95.7 75.4 113.0
201 93.5 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 46.343 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

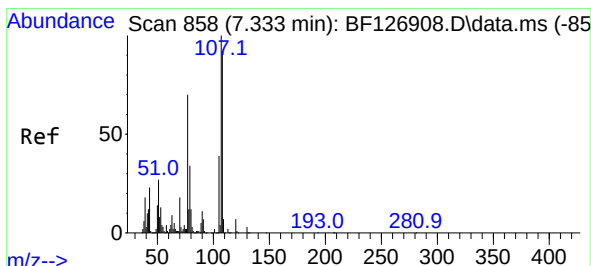
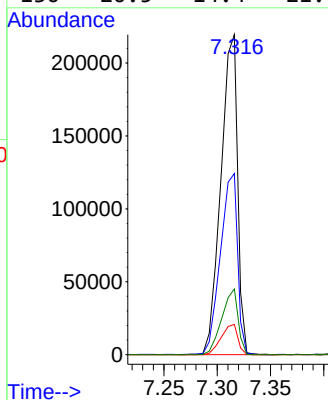
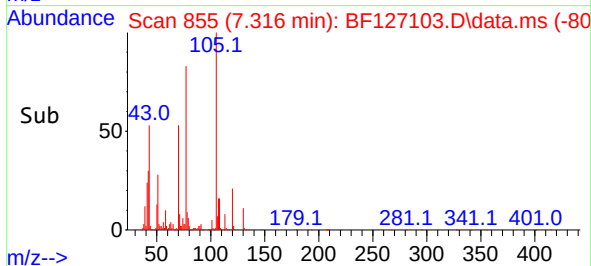
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



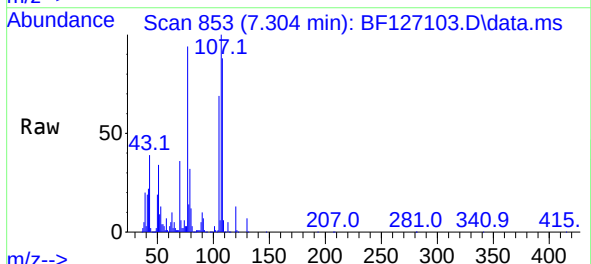
Tgt Ion: 70 Resp: 239198
Ion Ratio Lower Upper
70 100
42 56.6 45.8 68.8
101 9.4 6.9 10.3
130 20.5 14.4 21.6

Manual Integrations
APPROVED

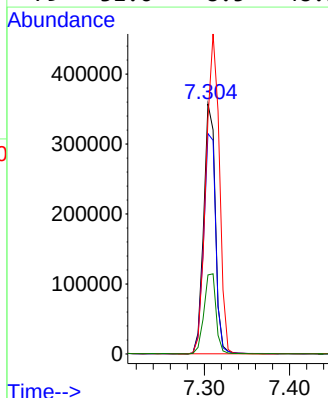
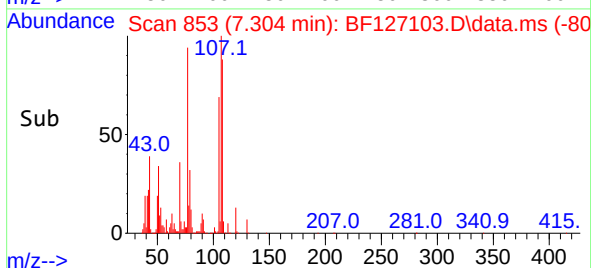
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

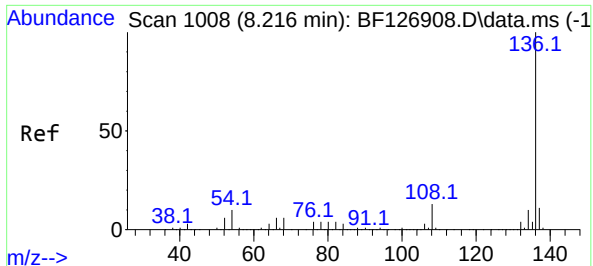


#20
3+4-Methylphenols
Concen: 47.313 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



Tgt Ion:107 Resp: 338564
Ion Ratio Lower Upper
107 100
108 88.1 72.4 112.4
77 94.1 83.8 123.8
79 31.6 8.5 48.5





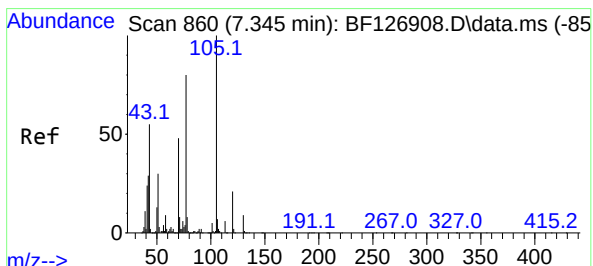
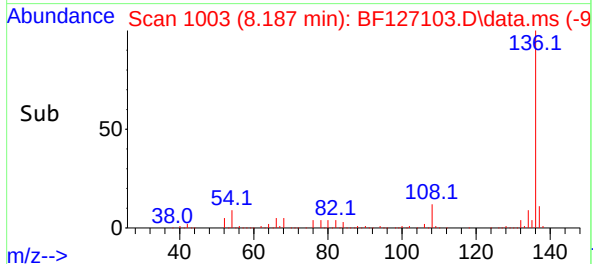
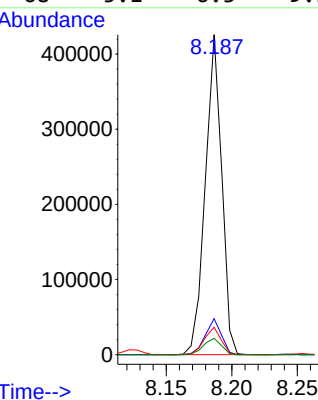
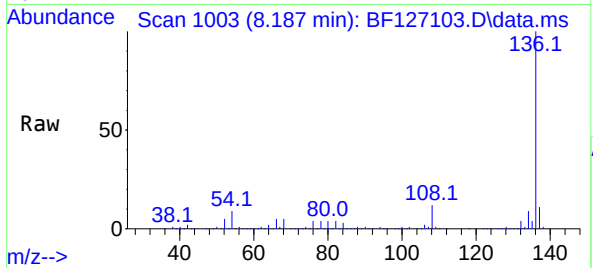
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD

Tgt Ion:136 Resp: 369800
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.6 7.8 11.6
68 5.1 6.3 9.5#

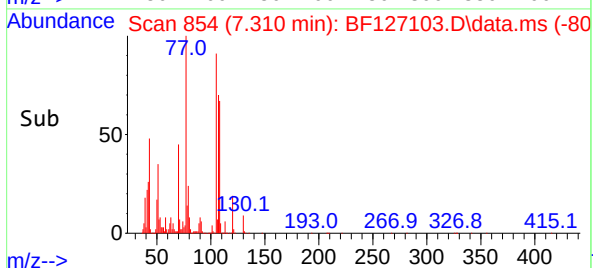
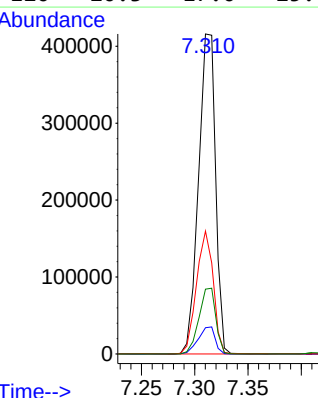
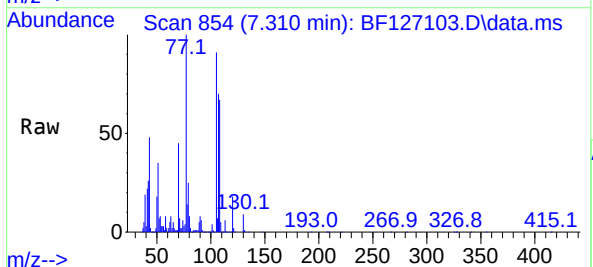
Manual Integrations
APPROVED

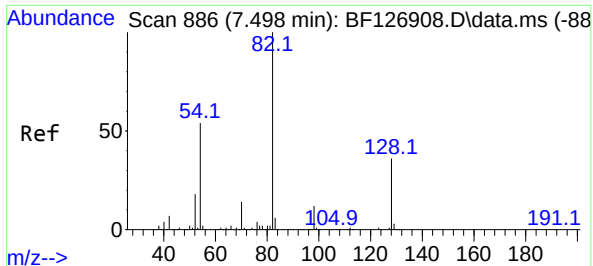
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#22
Acetophenone
Concen: 47.512 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

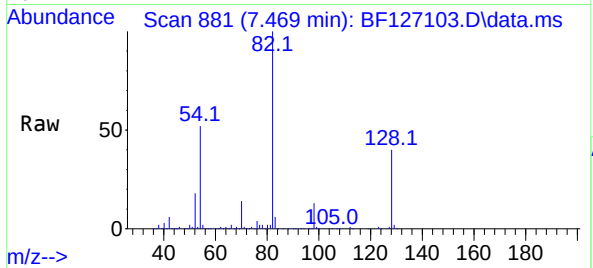
Tgt Ion:105 Resp: 462606
Ion Ratio Lower Upper
105 100
71 8.2 5.4 8.0#
51 38.4 27.4 41.0
120 20.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 71.073 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

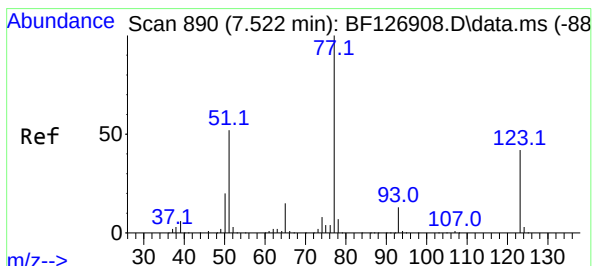
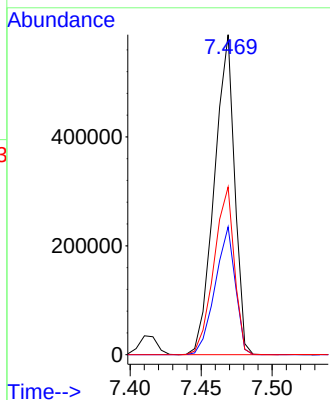
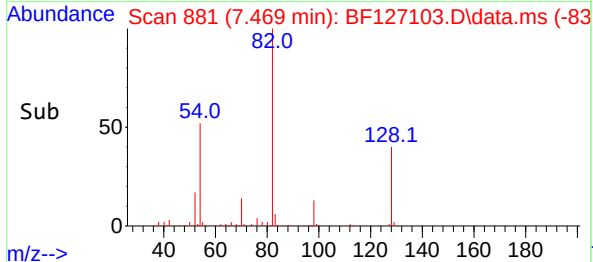
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



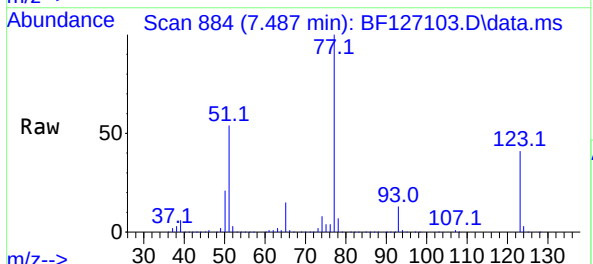
Tgt Ion: 82 Resp: 582280
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 52.4 41.7 62.5

Manual Integrations
APPROVED

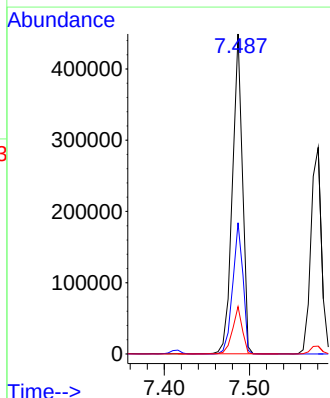
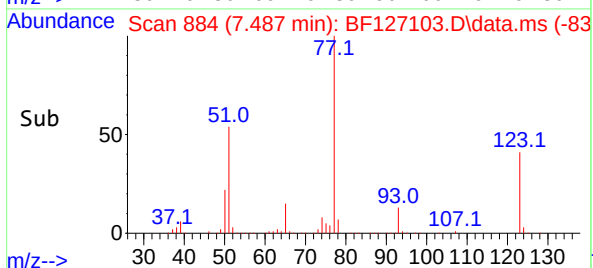
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

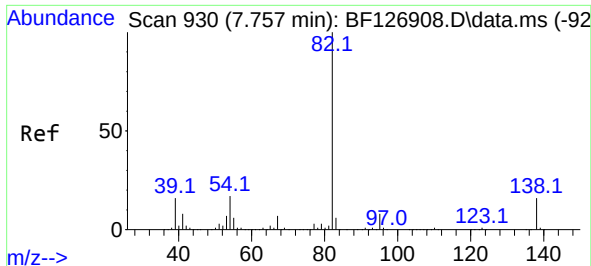


#24
Nitrobenzene
Concen: 47.863 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



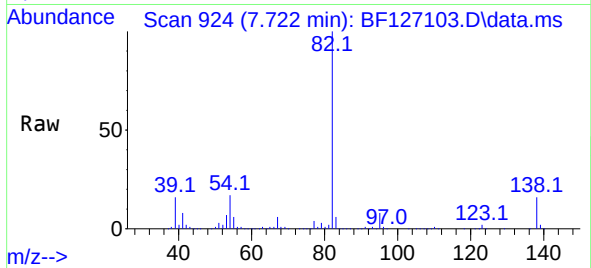
Tgt Ion: 77 Resp: 370439
Ion Ratio Lower Upper
77 100
123 41.0 34.6 52.0
65 14.8 10.6 15.8





#25
Isophorone
Concen: 48.281 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

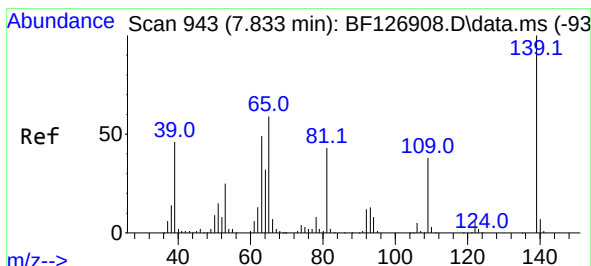
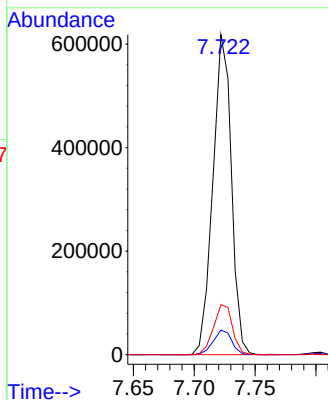
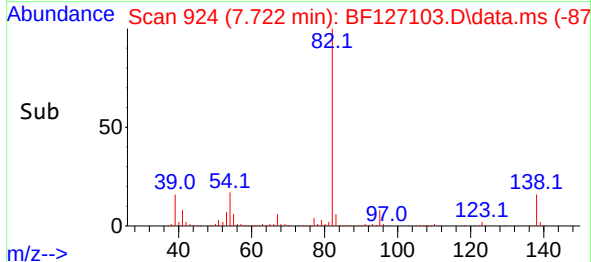
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



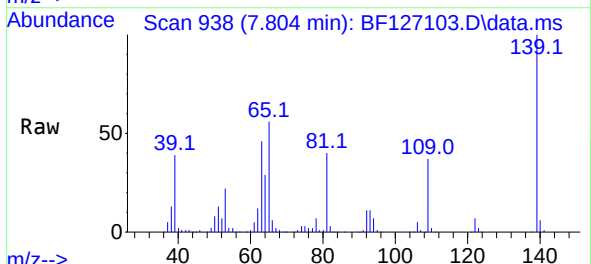
Tgt Ion: 82 Resp: 654539
Ion Ratio Lower Upper
82 100
95 7.7 5.0 7.4
138 15.6 12.3 18.5

Manual Integrations
APPROVED

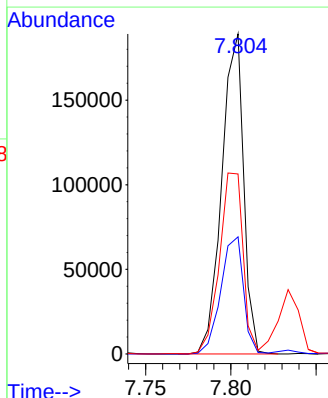
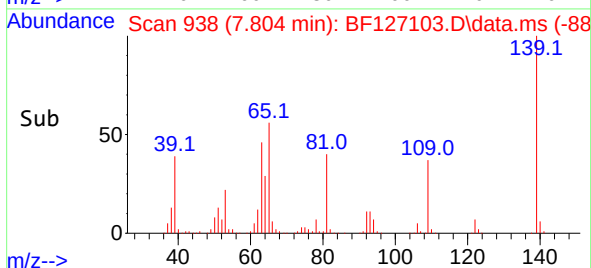
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

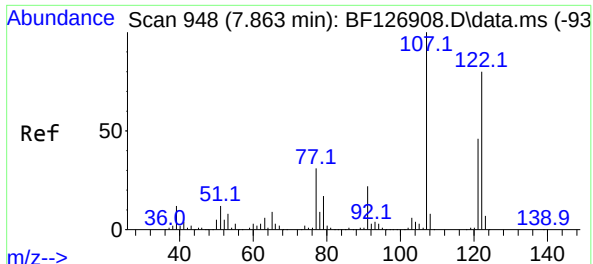


#26
2-Nitrophenol
Concen: 51.087 ng
RT: 7.804 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



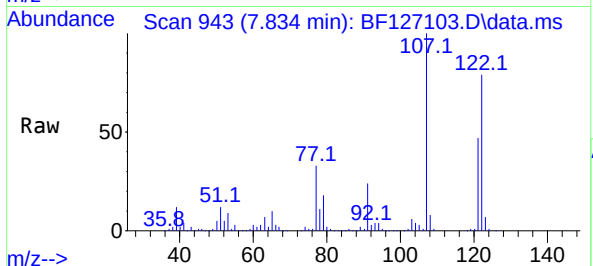
Tgt Ion:139 Resp: 168344
Ion Ratio Lower Upper
139 100
109 36.6 20.0 30.0
65 56.2 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 54.946 ng m
RT: 7.834 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

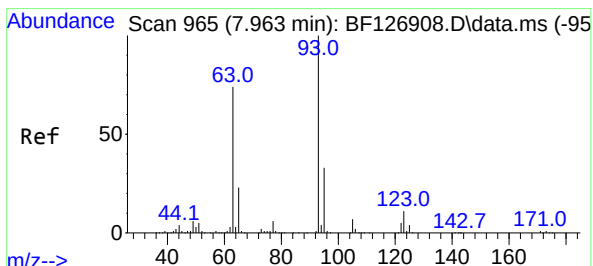
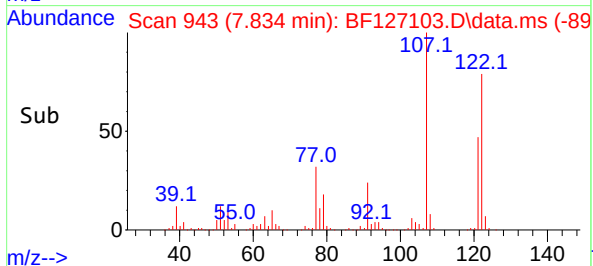
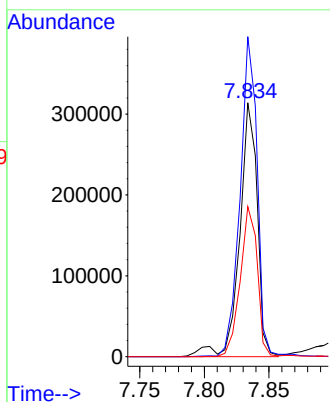
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



Tgt Ion:122 Resp: 297444
Ion Ratio Lower Upper
122 100
107 126.0 91.2 136.8
121 59.1 44.4 66.6

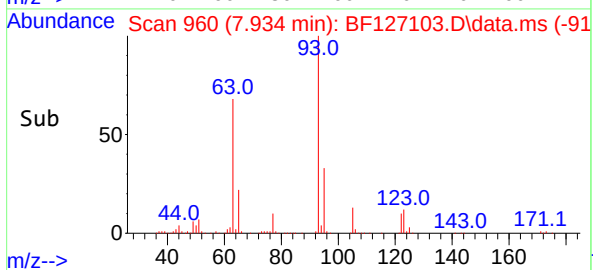
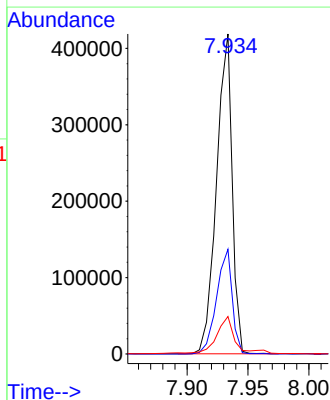
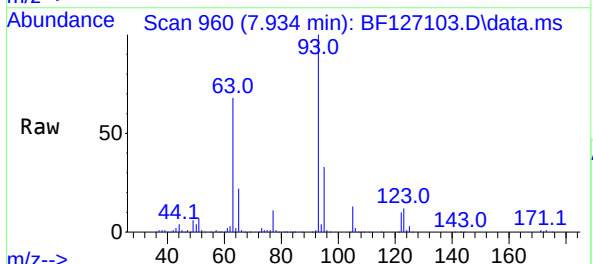
Manual Integrations
APPROVED

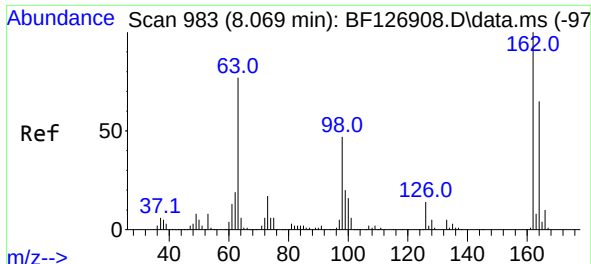
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.679 ng
RT: 7.934 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Tgt Ion: 93 Resp: 375429
Ion Ratio Lower Upper
93 100
95 32.7 25.4 38.2
123 11.7 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.988 ng

RT: 8.045 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RO-72-11944MSD

Tgt Ion:162 Resp: 254409

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

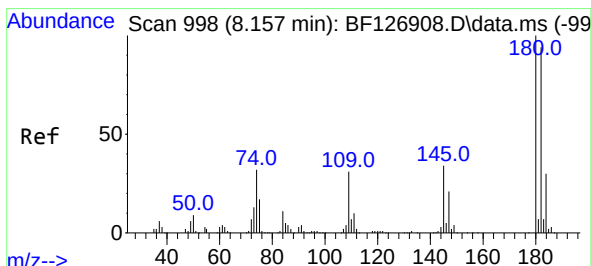
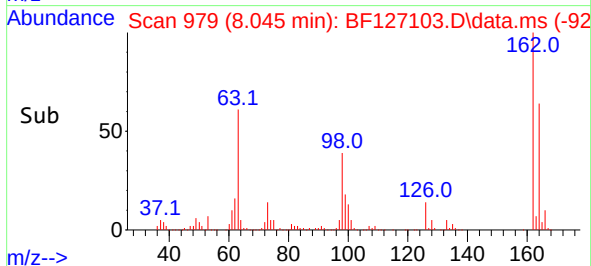
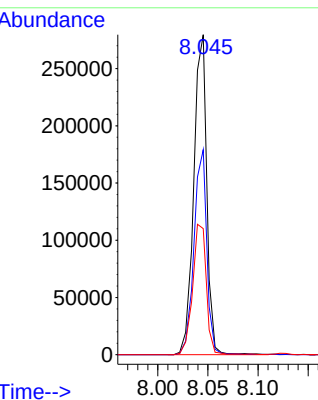
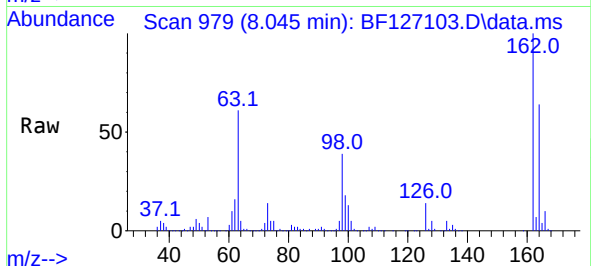
98 39.4 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.891 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

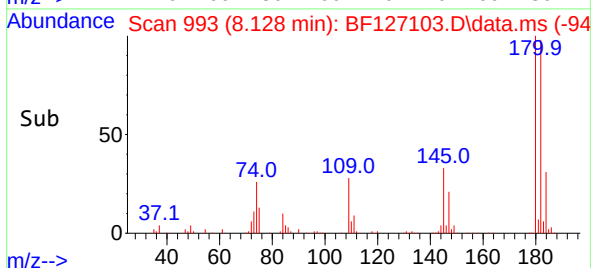
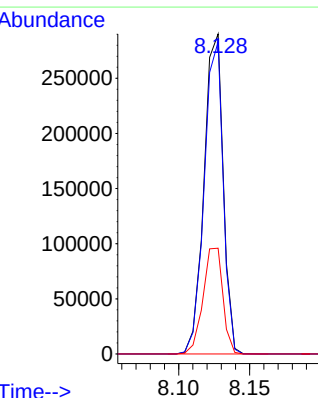
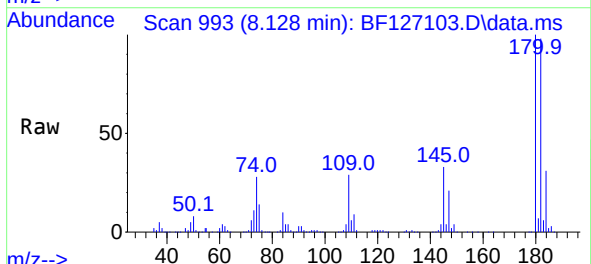
Tgt Ion:180 Resp: 272498

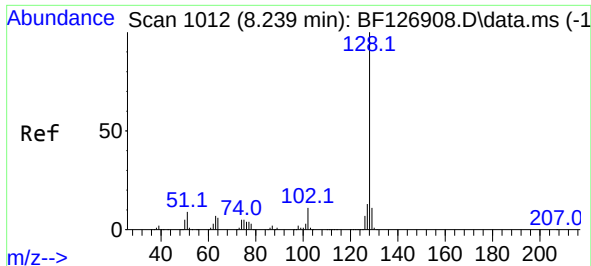
Ion Ratio Lower Upper

180 100

182 97.6 75.5 113.3

145 33.0 26.2 39.2





#31

Naphthalene

Concen: 48.004 ng

RT: 8.210 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF127103.D

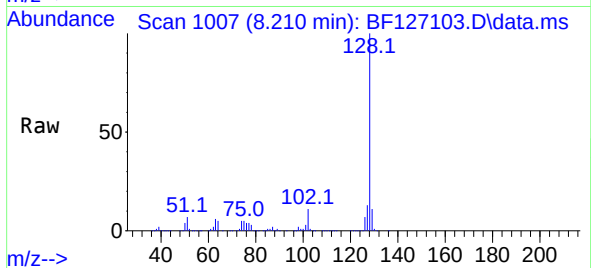
Acq: 28 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RO-72-11944MSD



Tgt Ion:128 Resp: 926684

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

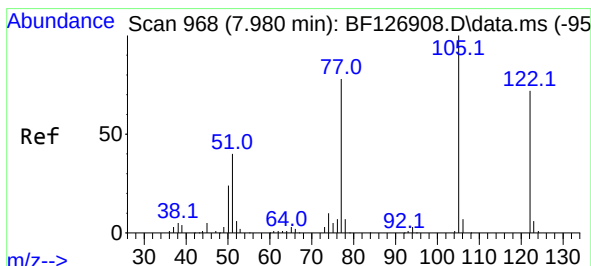
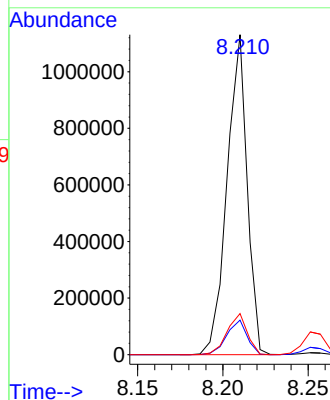
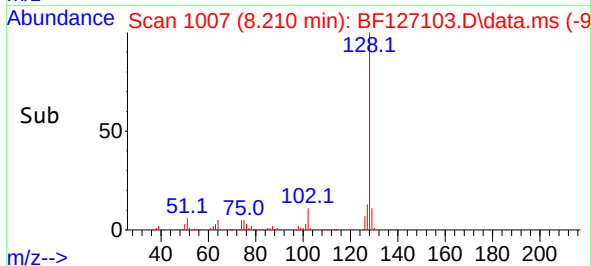
127 12.9 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#32

Benzoic acid

Concen: 52.582 ng

RT: 7.963 min Scan# 965

Delta R.T. 0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

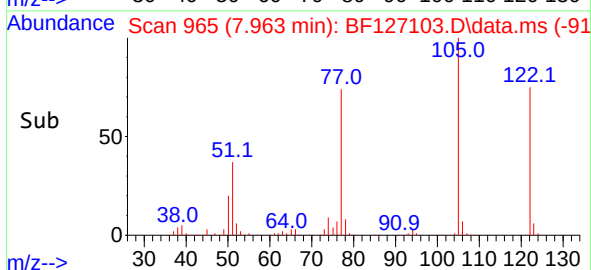
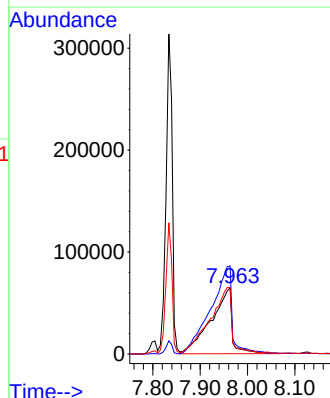
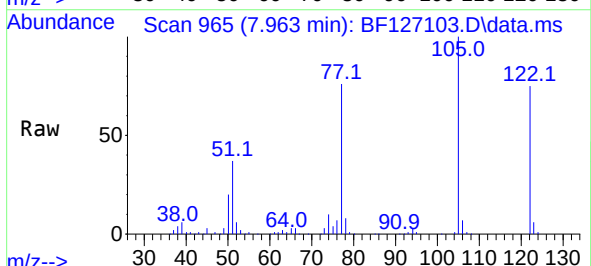
Tgt Ion:122 Resp: 201870

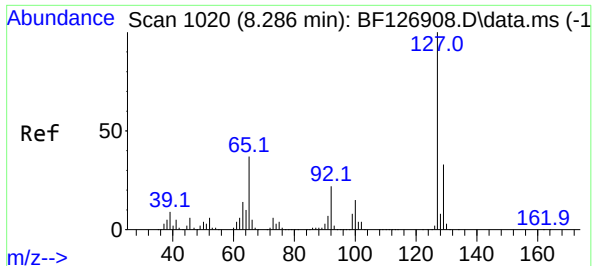
Ion Ratio Lower Upper

122 100

105 133.2 101.0 141.0

77 100.6 74.5 114.5





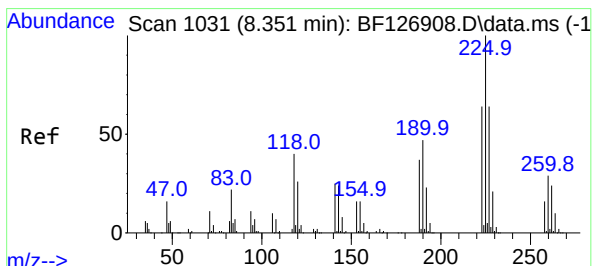
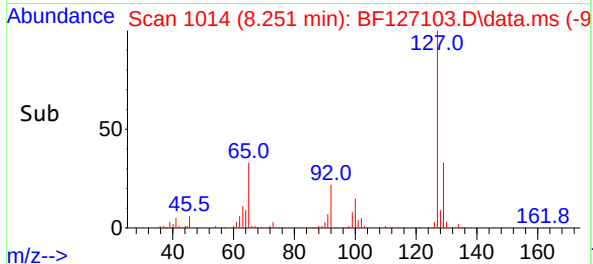
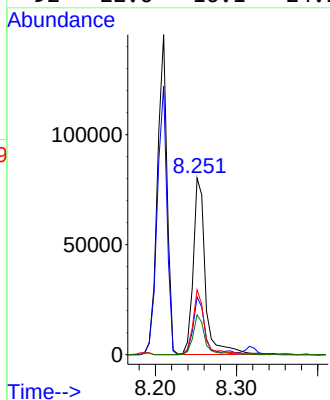
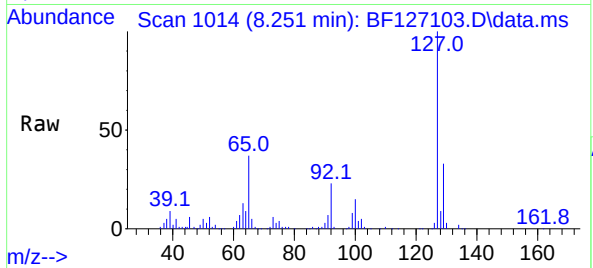
#33
4-Chloroaniline
Concen: 11.064 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD

Tgt Ion:	127	Resp:	84070
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	36.7	26.6	39.8
92	22.6	16.1	24.1

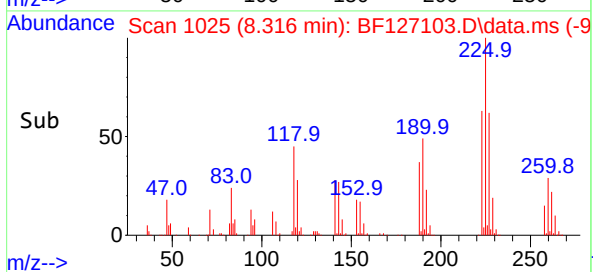
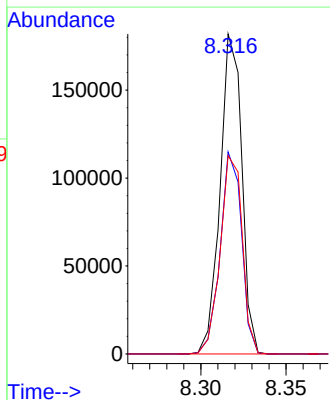
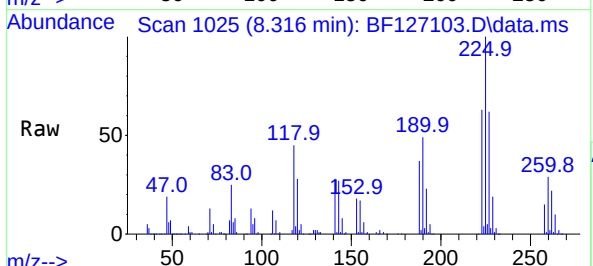
Manual Integrations
APPROVED

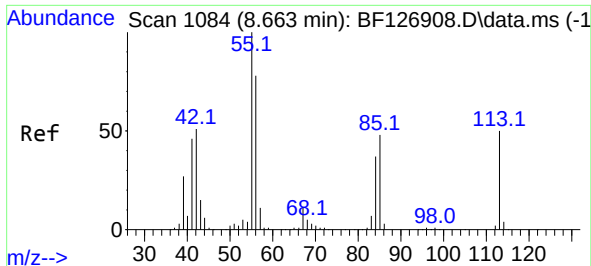
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#34
Hexachlorobutadiene
Concen: 48.417 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Tgt Ion:	225	Resp:	160837
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.6	73.0
227	62.0	51.4	77.0





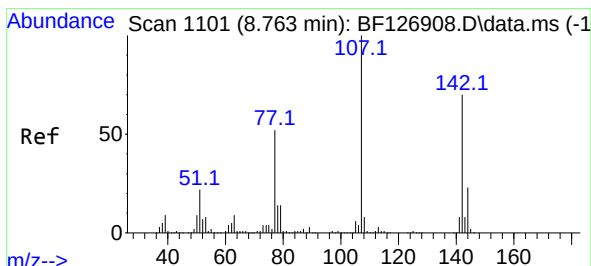
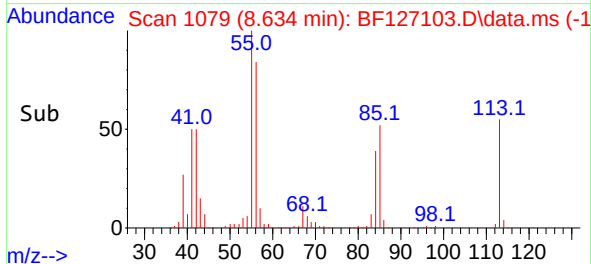
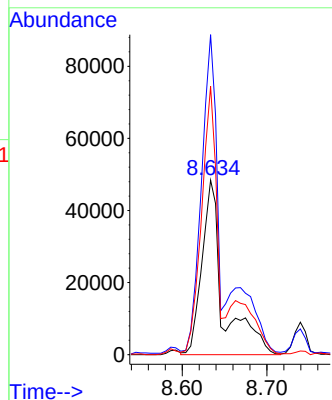
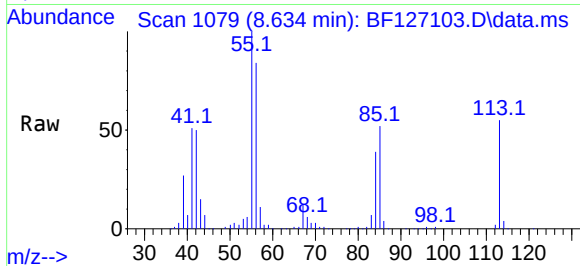
#35
Caprolactam
Concen: 47.515 ng m
RT: 8.634 min Scan# 1084
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD

Tgt Ion:113 Resp: 8444
Ion Ratio Lower Upper
113 100
55 183.3 183.9 223.9
56 153.7 129.9 169.9

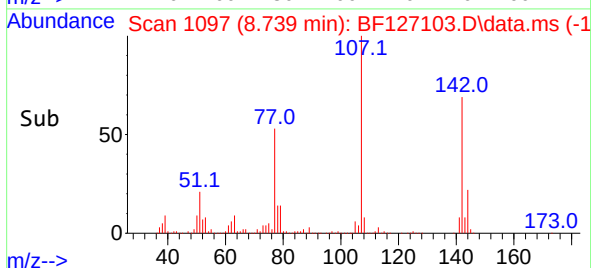
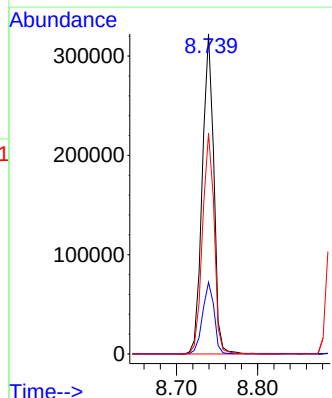
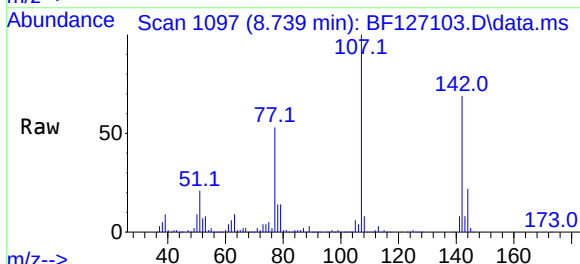
Manual Integrations
APPROVED

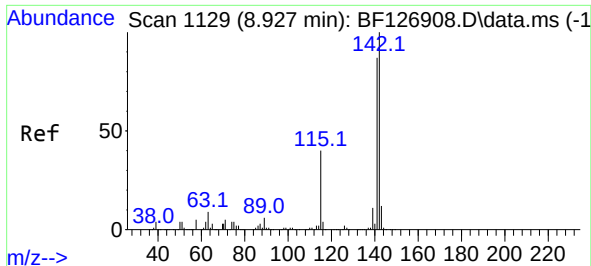
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#36
4-Chloro-3-methylphenol
Concen: 48.850 ng
RT: 8.739 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Tgt Ion:107 Resp: 317743
Ion Ratio Lower Upper
107 100
144 22.4 18.5 27.7
142 68.9 58.1 87.1





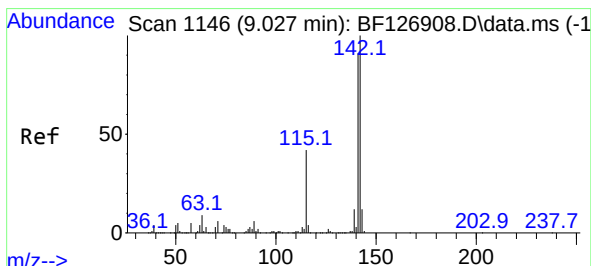
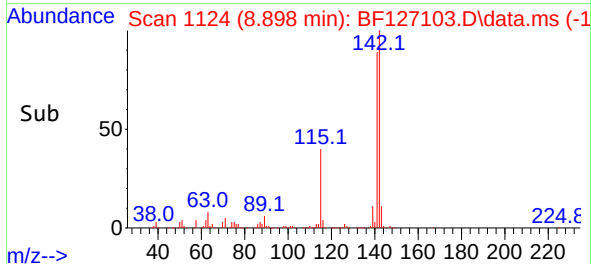
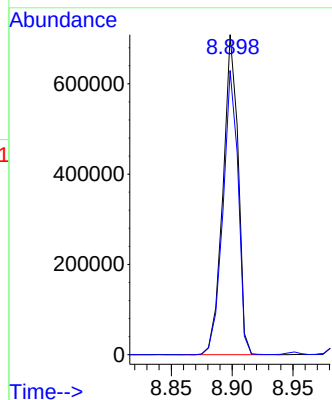
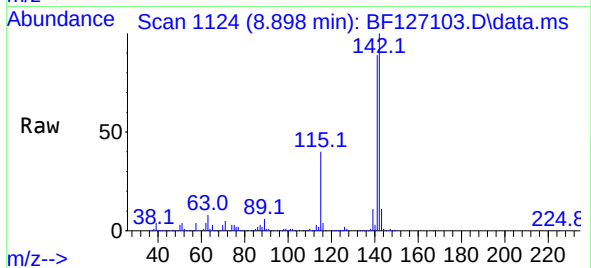
#37
2-Methylnaphthalene
Concen: 49.205 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD

Tgt Ion:142 Resp: 616349
Ion Ratio Lower Upper
142 100
141 88.8 68.6 102.8

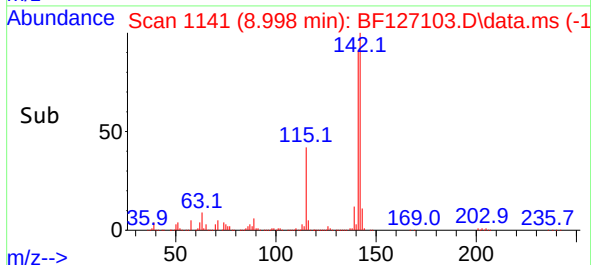
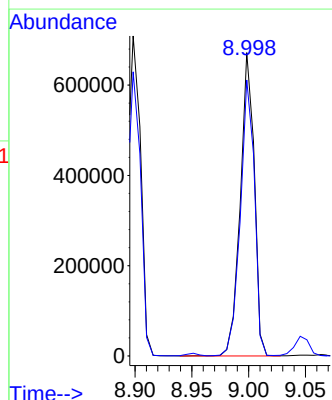
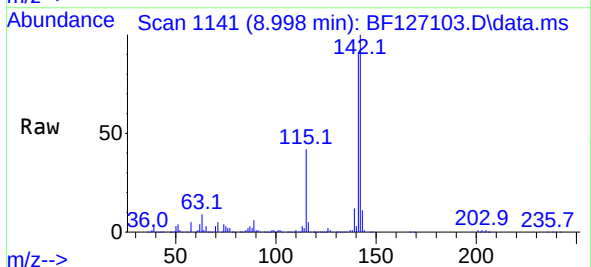
Manual Integrations
APPROVED

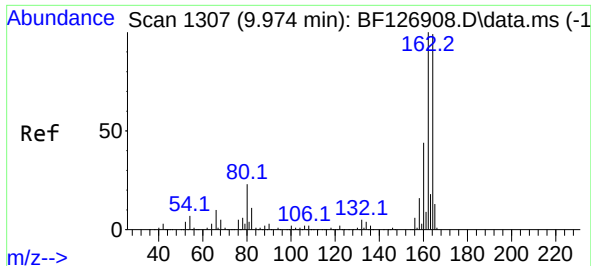
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#38
1-Methylnaphthalene
Concen: 47.944 ng
RT: 8.998 min Scan# 1141
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Tgt Ion:142 Resp: 575093
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: BF127103.D

Acq: 28 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RO-72-11944MSD

Tgt Ion:164 Resp: 18405

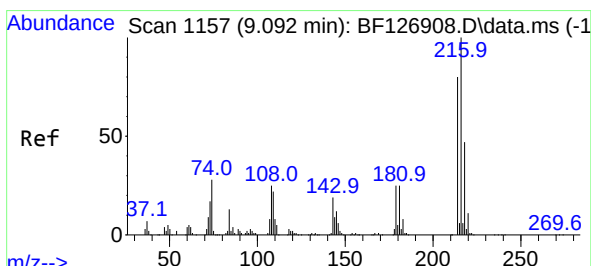
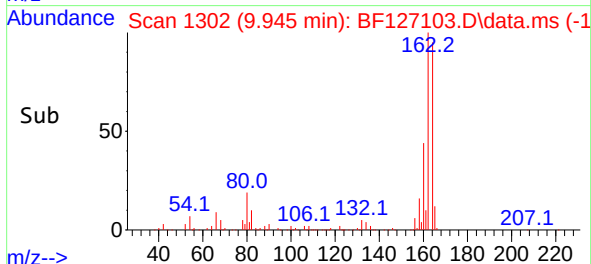
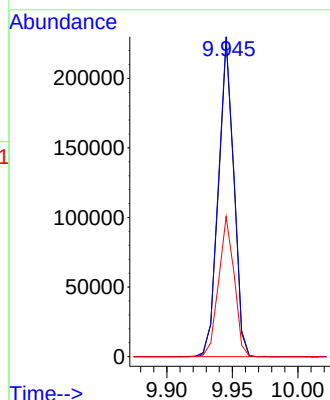
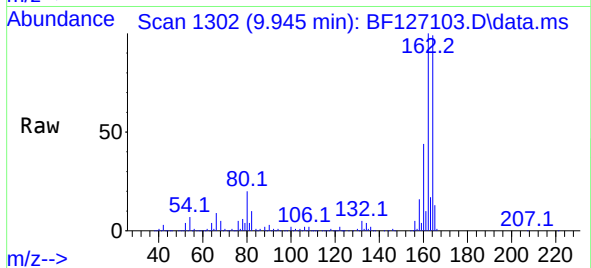
Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	44.3	36.6	54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.251 ng

RT: 9.063 min Scan# 1152

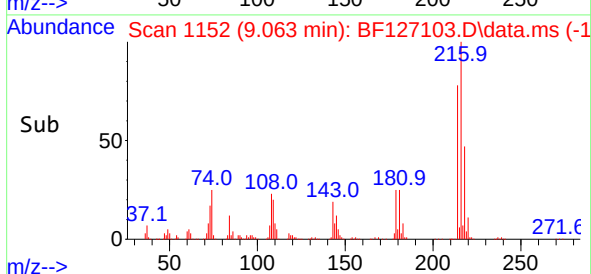
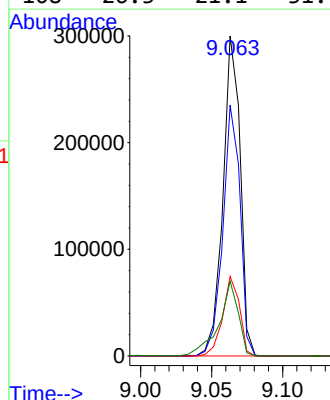
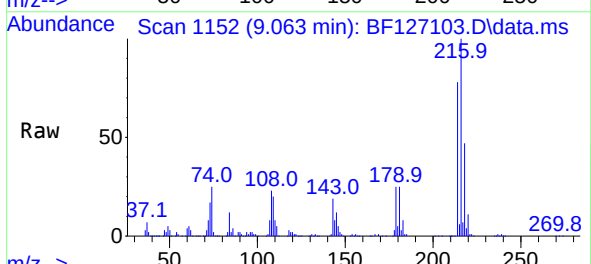
Delta R.T. -0.012 min

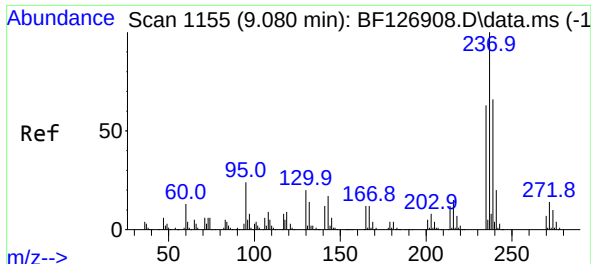
Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Tgt Ion:216 Resp: 253151

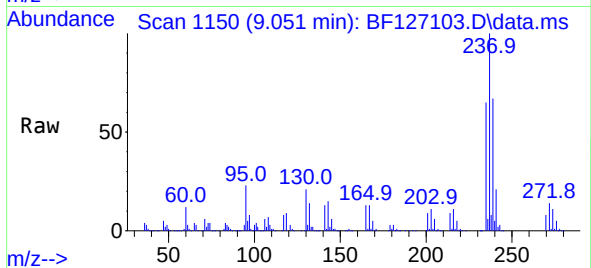
Ion	Ratio	Lower	Upper
216	100		
214	78.1	64.6	96.8
179	24.3	19.5	29.3
108	26.3	21.1	31.7





#41
Hexachlorocyclopentadiene
Concen: 98.107 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

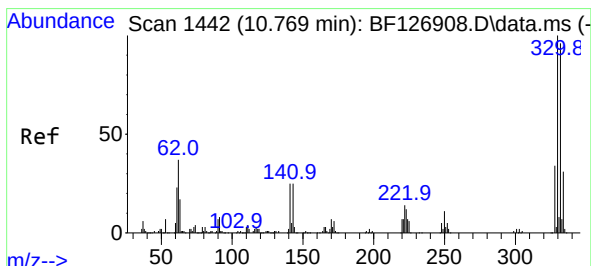
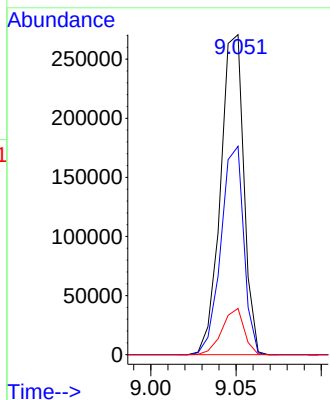
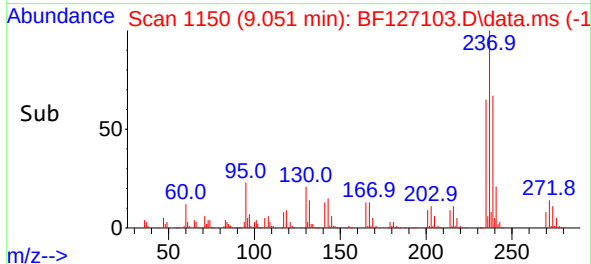
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



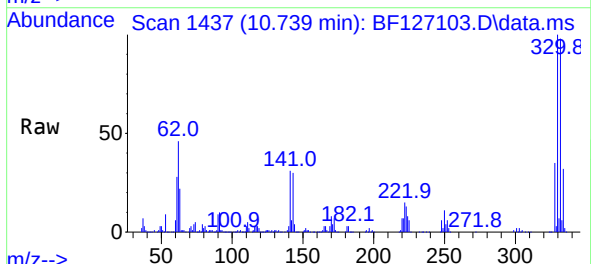
Tgt Ion:237 Resp: 257798
Ion Ratio Lower Upper
237 100
235 65.1 38.9 78.9
272 14.5 0.0 33.5

Manual Integrations
APPROVED

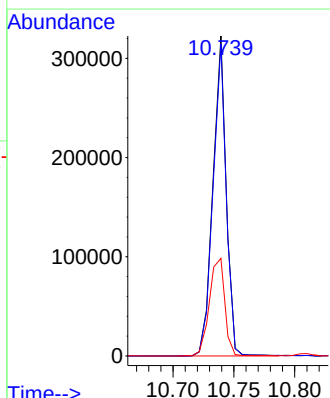
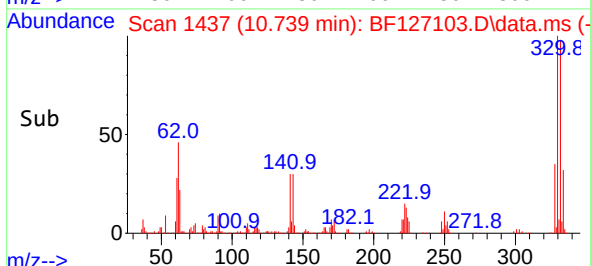
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

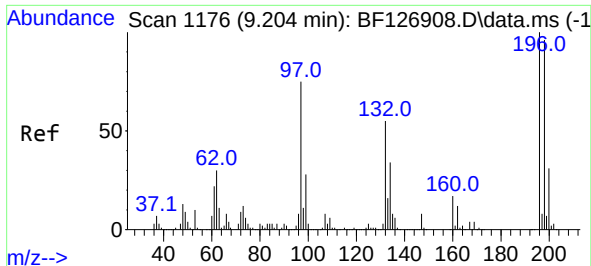


#42
2,4,6-Tribromophenol
Concen: 115.584 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



Tgt Ion:330 Resp: 244933
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 35.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 50.342 ng

RT: 9.181 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RO-72-11944MSD

Tgt Ion:196 Resp: 17888

Ion Ratio Lower Upper

196 100

198 97.1 78.5 117.7

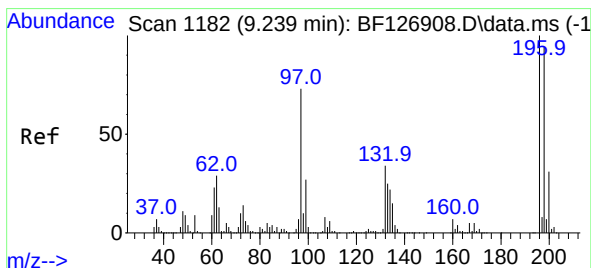
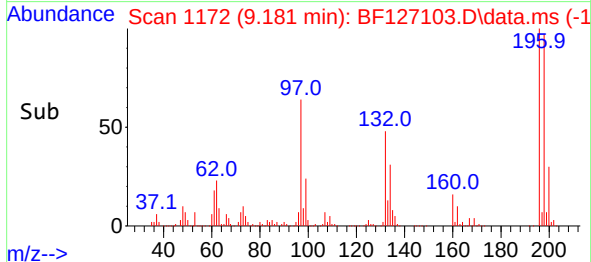
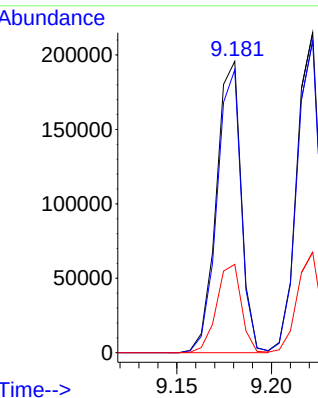
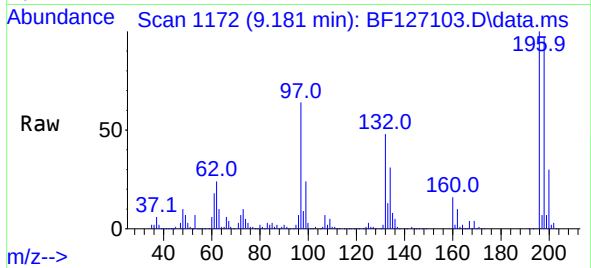
200 30.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#44

2,4,5-Trichlorophenol

Concen: 49.834 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Tgt Ion:196 Resp: 186342

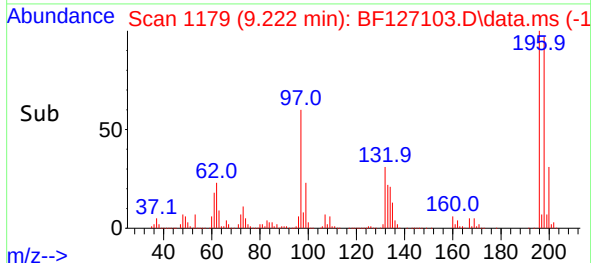
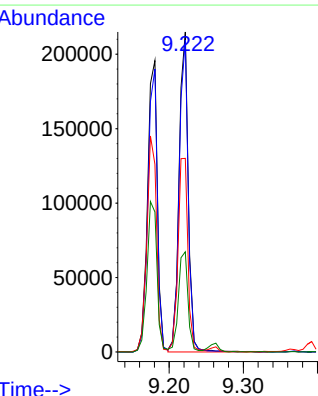
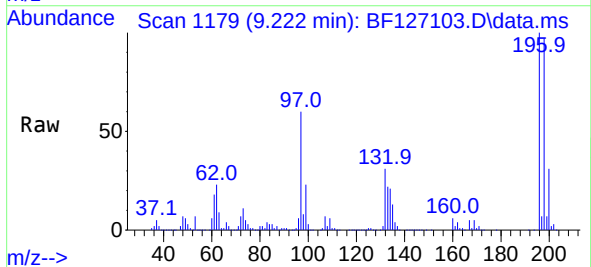
Ion Ratio Lower Upper

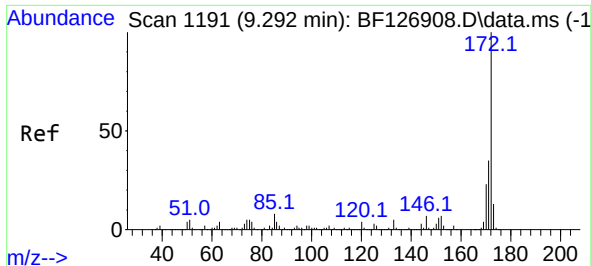
196 100

198 97.4 82.0 123.0

97 60.5 53.5 80.3

132 31.3 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 74.158 ng

RT: 9.263 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RO-72-11944MSD

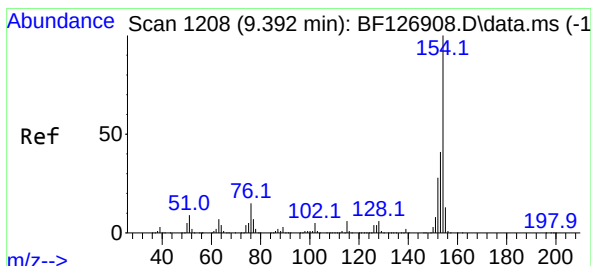
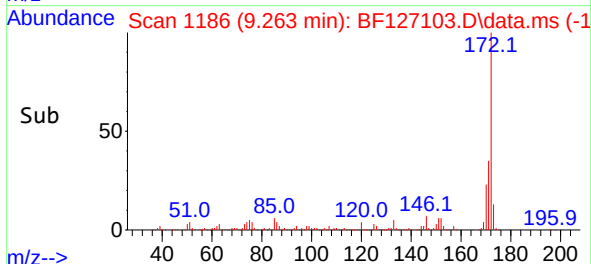
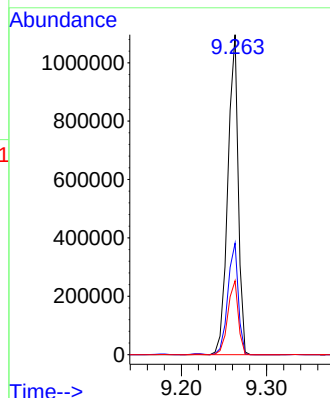
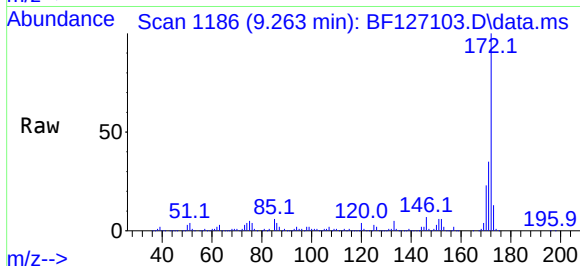
Tgt Ion:172 Resp: 927129

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	23.1	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: 50.559 ng

RT: 9.363 min Scan# 1203

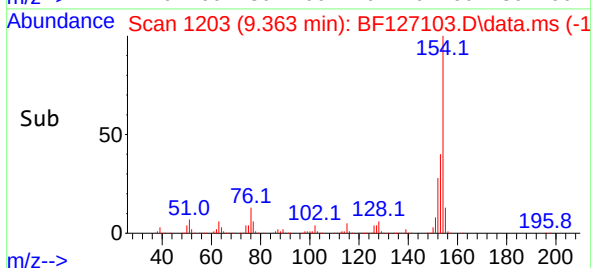
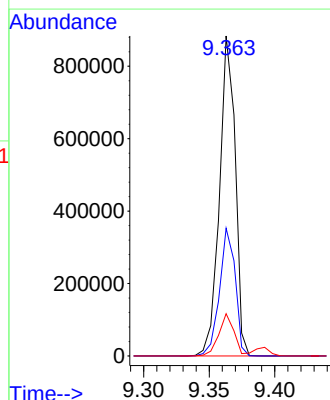
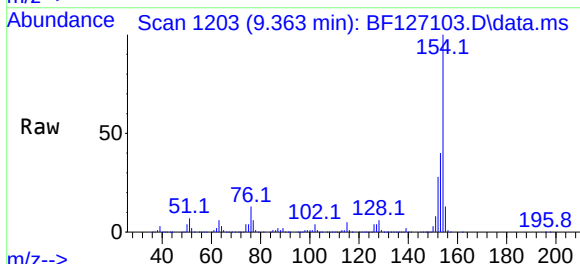
Delta R.T. -0.012 min

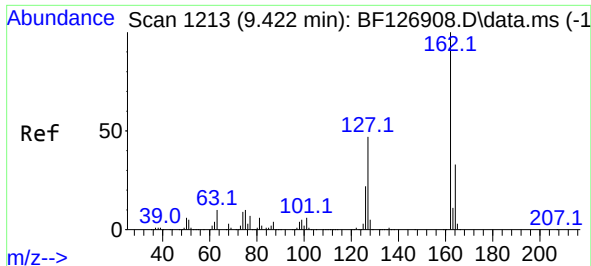
Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Tgt Ion:154 Resp: 737259

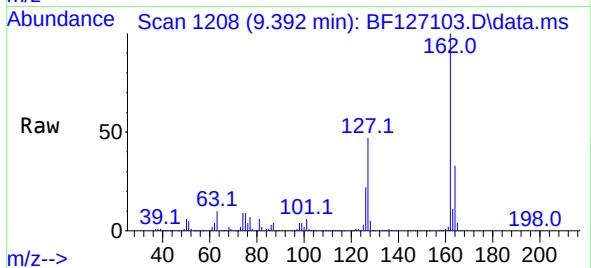
Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.0	59.0
76	13.2	0.0	34.5





#47
2-Chloronaphthalene
Concen: 49.563 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

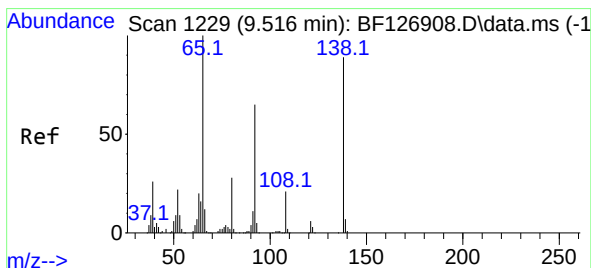
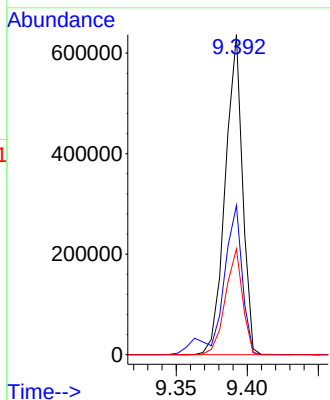
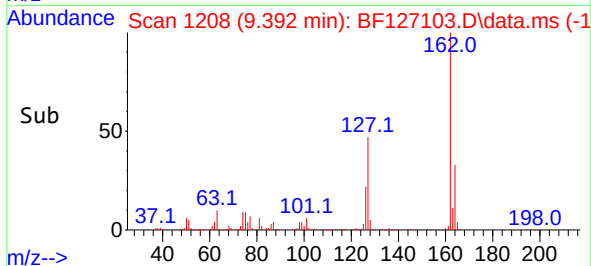
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



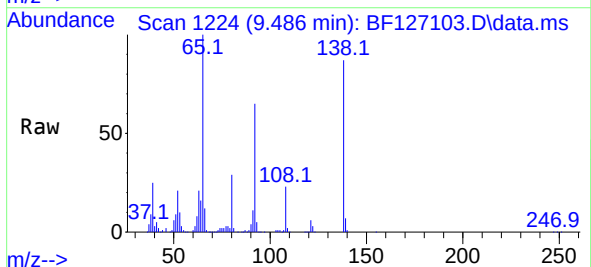
Tgt Ion:162 Resp: 535940
Ion Ratio Lower Upper
162 100
127 46.7 33.5 50.3
164 33.1 26.2 39.4

Manual Integrations
APPROVED

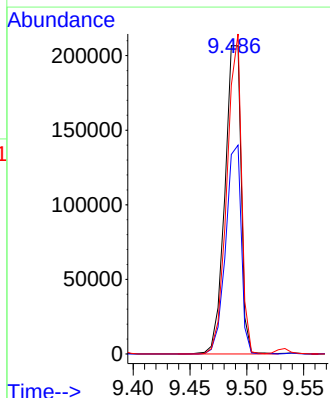
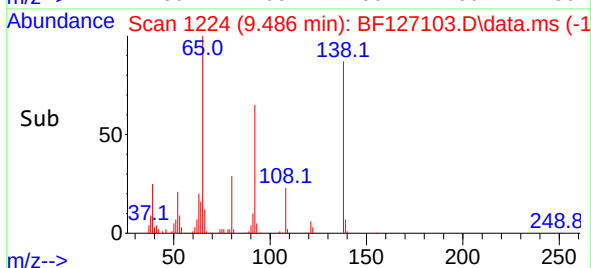
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

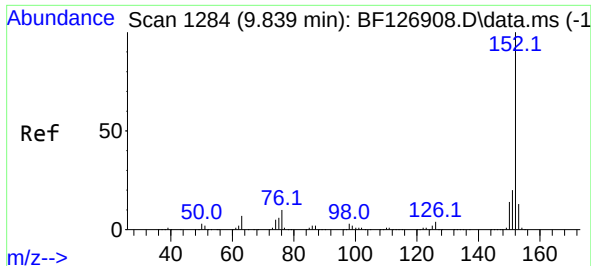


#48
2-Nitroaniline
Concen: 48.355 ng
RT: 9.486 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



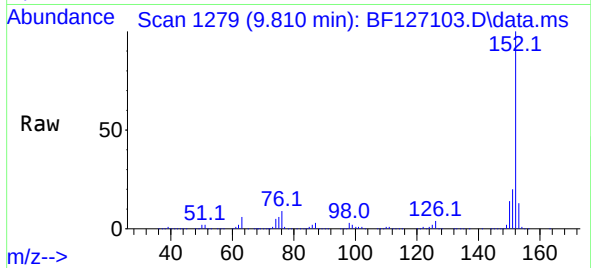
Tgt Ion: 65 Resp: 206337
Ion Ratio Lower Upper
65 100
92 64.7 54.4 81.6
138 87.2 72.5 108.7





#49
Acenaphthylene
Concen: 51.152 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

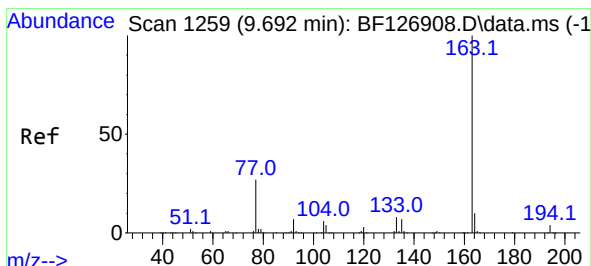
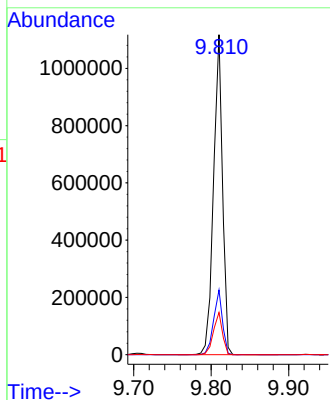
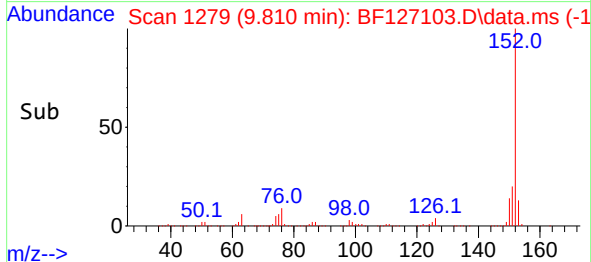
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



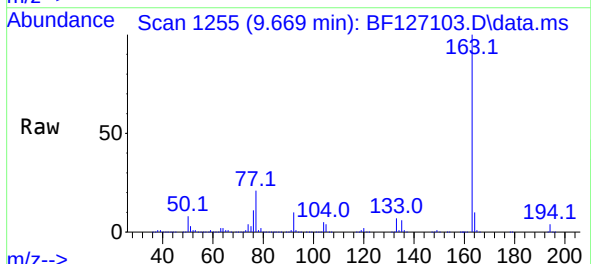
Tgt Ion:152 Resp: 898480
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 11.4 17.0

Manual Integrations
APPROVED

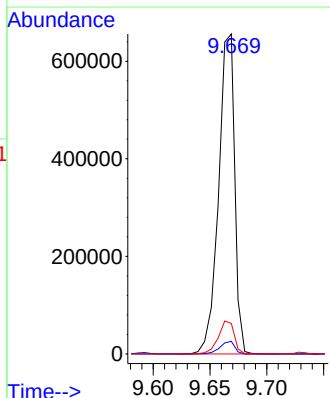
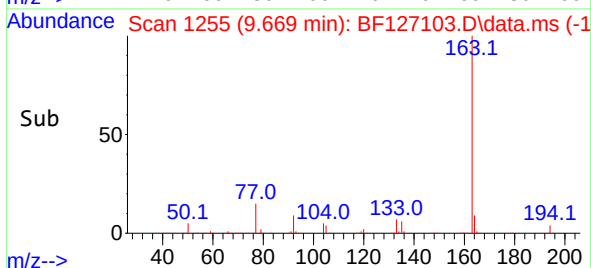
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

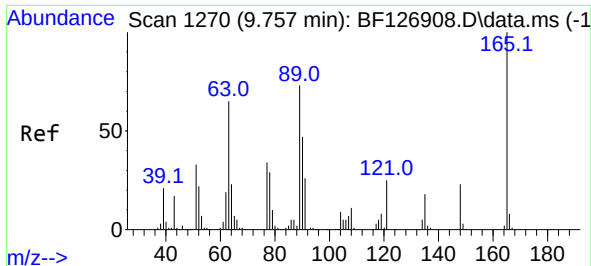


#50
Dimethylphthalate
Concen: 49.374 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



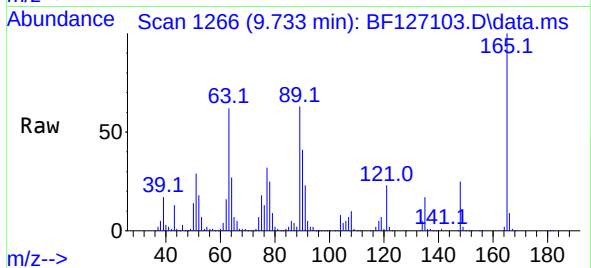
Tgt Ion:163 Resp: 649550
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 9.6 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 52.549 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

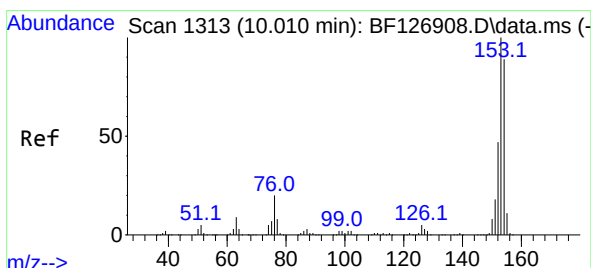
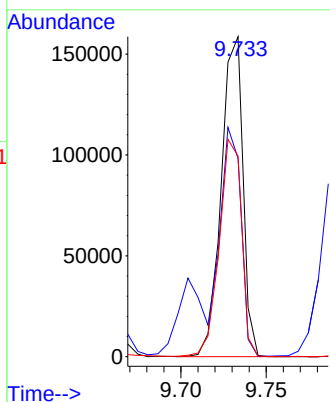
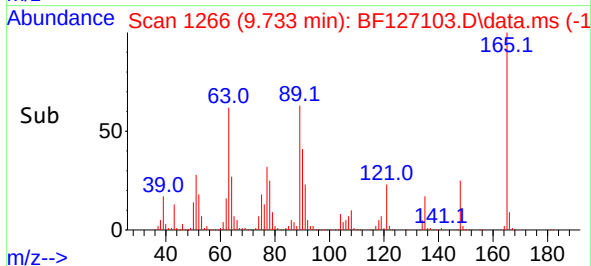
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



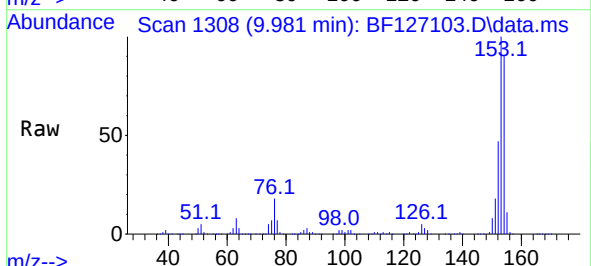
Tgt Ion:165 Resp: 14065
Ion Ratio Lower Upper
165 100
63 61.9 48.4 72.6
89 62.7 50.5 75.7

Manual Integrations
APPROVED

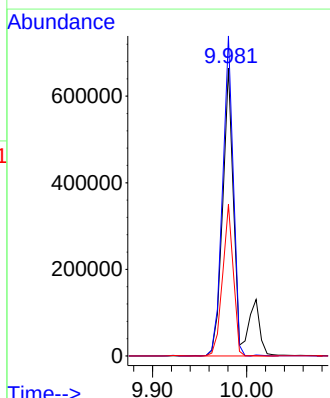
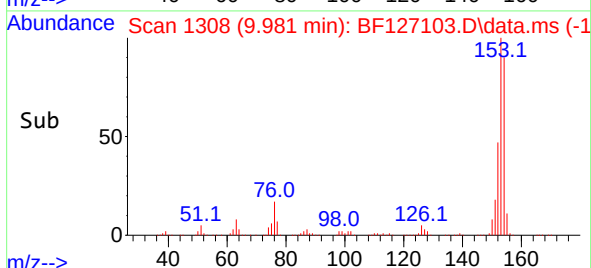
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

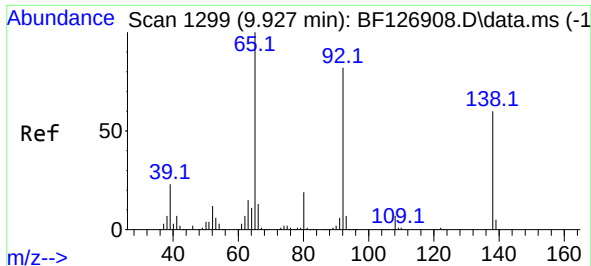


#52
Acenaphthene
Concen: 55.548 ng m
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



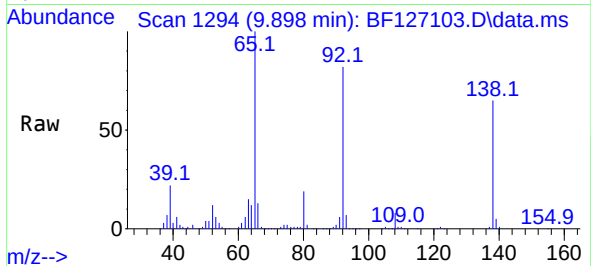
Tgt Ion:154 Resp: 634545
Ion Ratio Lower Upper
154 100
153 111.1 87.8 131.6
152 52.6 39.4 59.2





#53
3-Nitroaniline
Concen: 24.690 ng
RT: 9.898 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

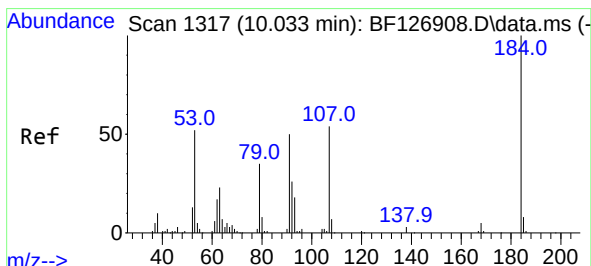
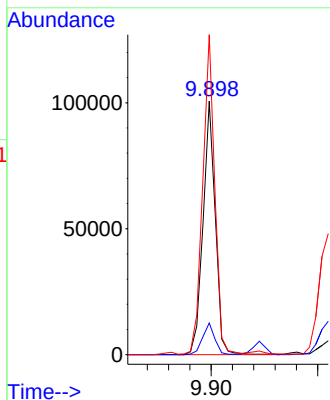
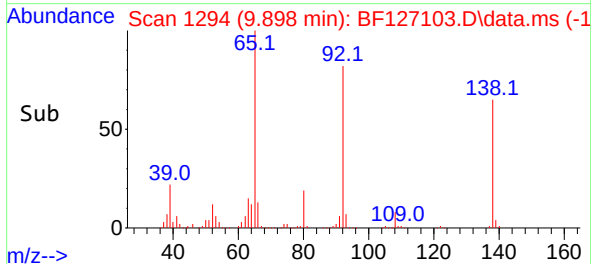
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



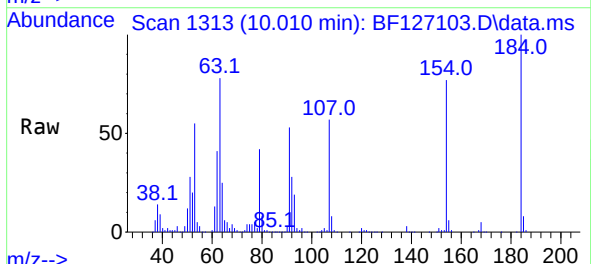
Tgt Ion:138 Resp: 8078
Ion Ratio Lower Upper
138 100
108 12.5 8.6 13.0
92 126.3 105.0 157.6

Manual Integrations
APPROVED

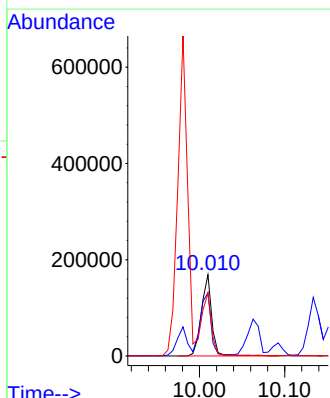
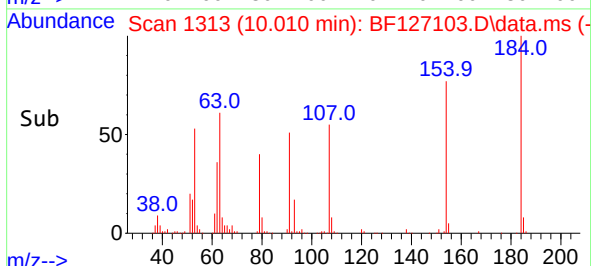
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

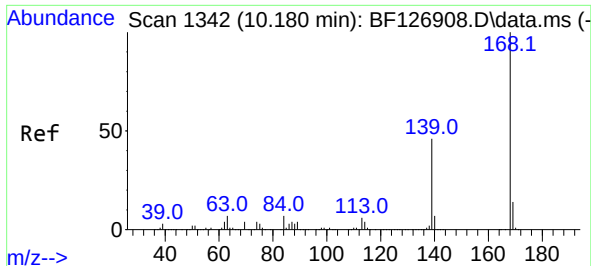


#54
2,4-Dinitrophenol
Concen: 100.834 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



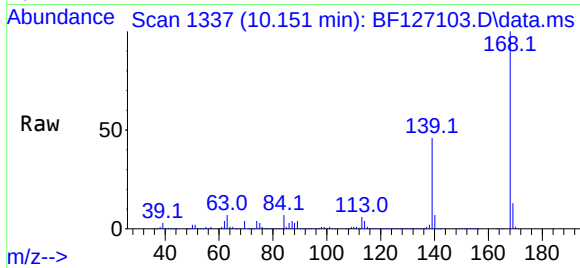
Tgt Ion:184 Resp: 142851
Ion Ratio Lower Upper
184 100
63 78.0 70.4 105.6
154 77.1 49.7 74.5#





#55
Dibenzofuran
Concen: 50.020 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

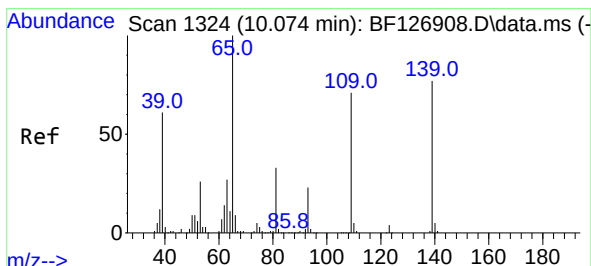
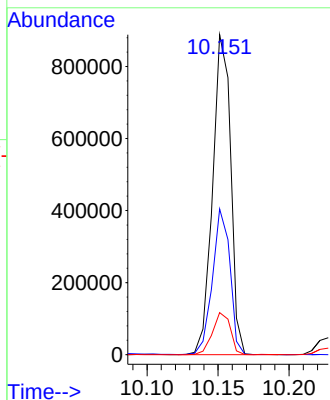
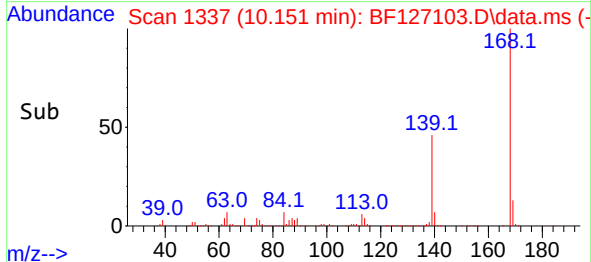
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



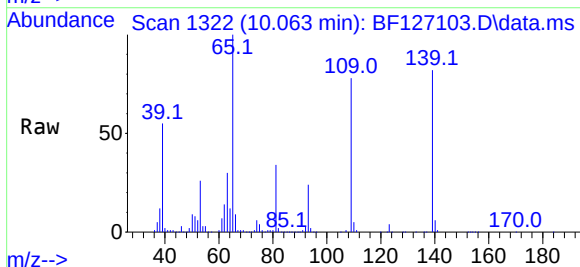
Tgt Ion:168 Resp: 785718
Ion Ratio Lower Upper
168 100
139 45.6 30.6 46.0
169 13.1 10.0 15.0

Manual Integrations
APPROVED

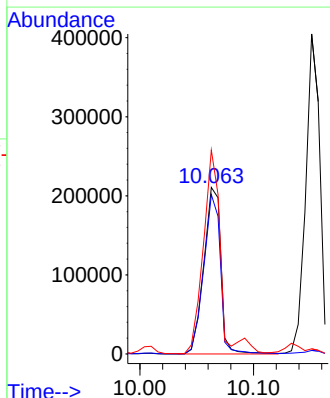
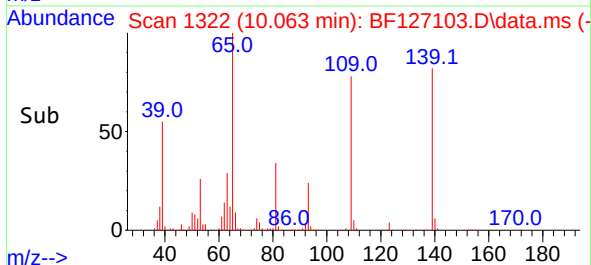
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

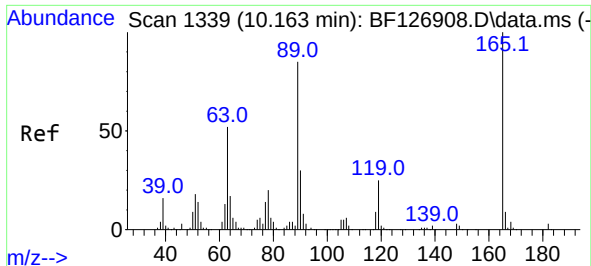


#56
4-Nitrophenol
Concen: 90.814 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



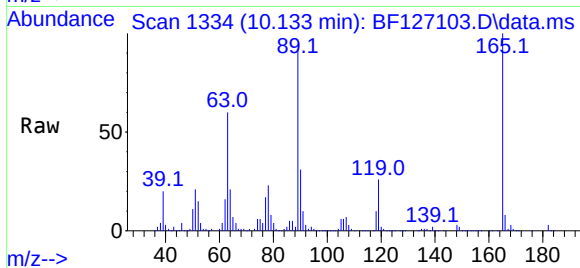
Tgt Ion:139 Resp: 219451
Ion Ratio Lower Upper
139 100
109 95.7 44.1 84.1#
65 122.4 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 50.959 ng
RT: 10.133 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

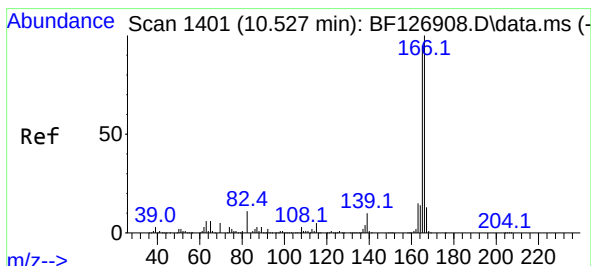
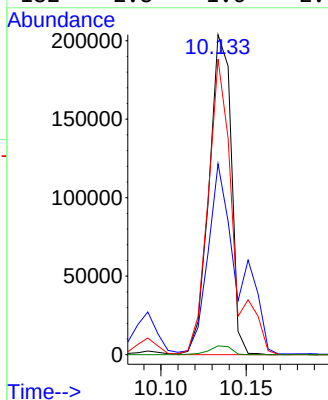
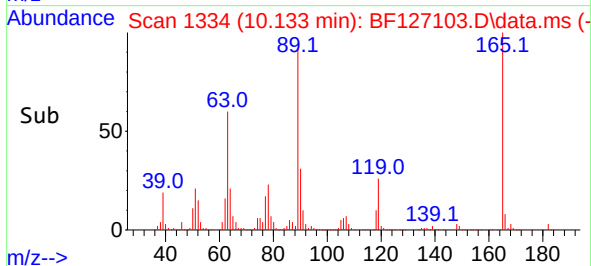
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



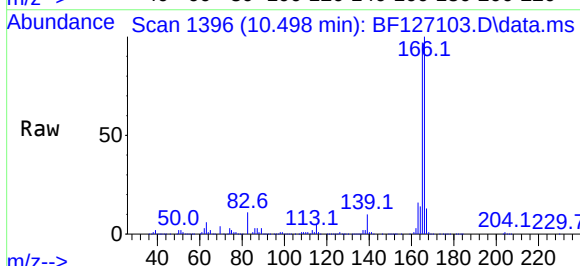
Tgt Ion:165 Resp: 184420
Ion Ratio Lower Upper
165 100
63 59.7 43.0 64.6
89 92.4 71.0 106.4
182 2.8 1.6 2.4#

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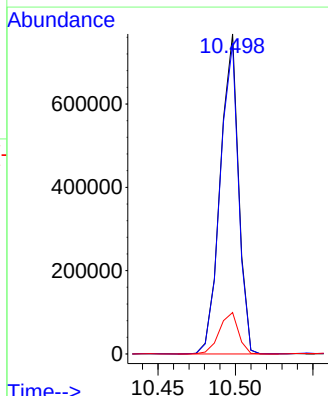
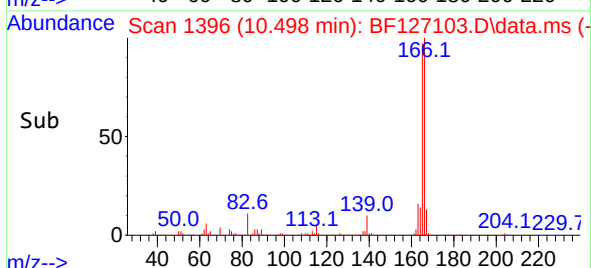
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

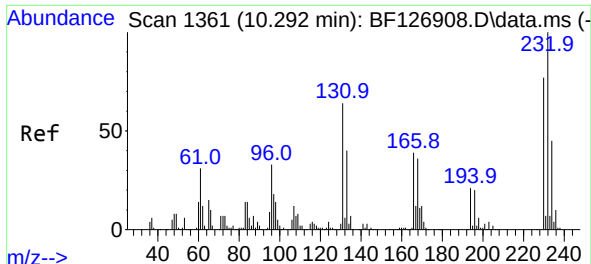


#58
Fluorene
Concen: 51.463 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



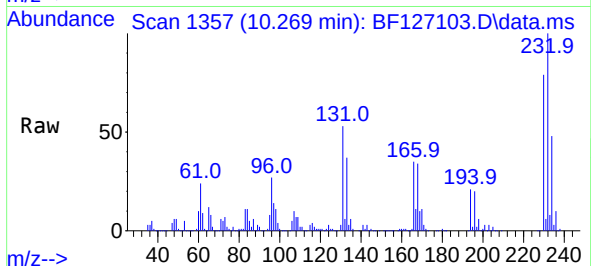
Tgt Ion:166 Resp: 629677
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 12.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.443 ng
RT: 10.269 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

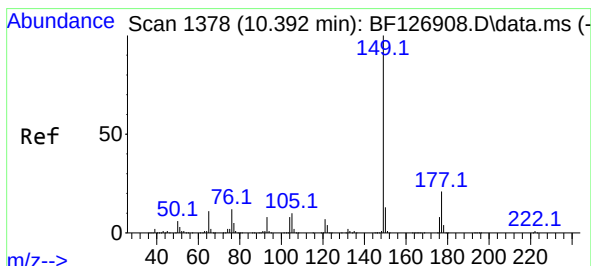
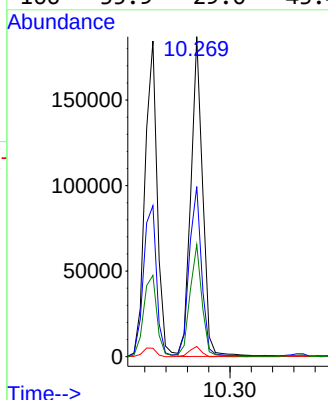
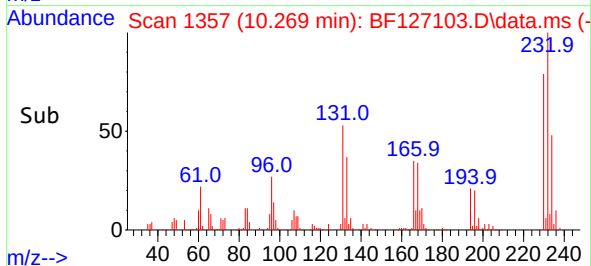
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



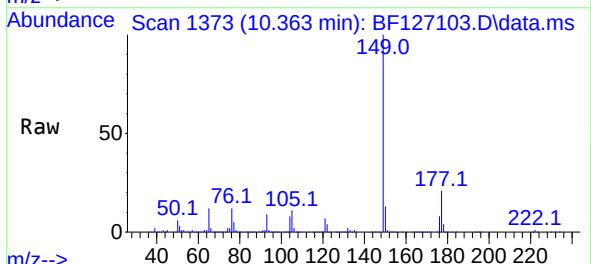
Tgt Ion:232 Resp: 143608
Ion Ratio Lower Upper
232 100
131 55.8 50.0 75.0
130 3.2 2.2 3.2
166 35.9 29.0 43.4

Manual Integrations
APPROVED

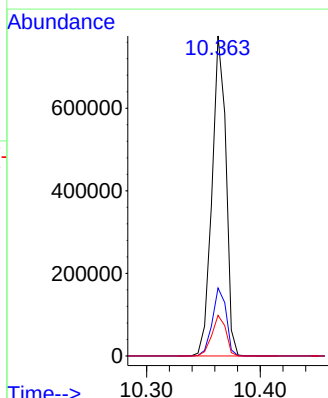
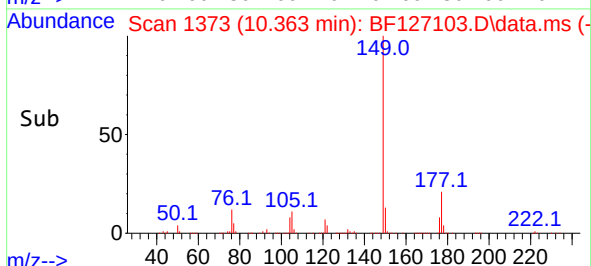
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

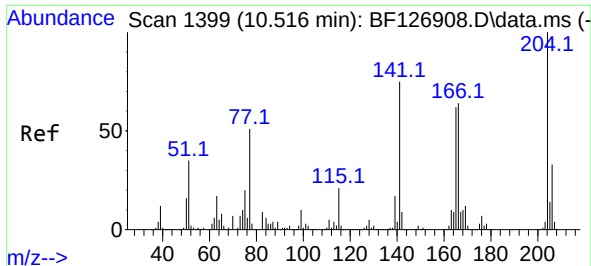


#60
Diethylphthalate
Concen: 48.008 ng
RT: 10.363 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



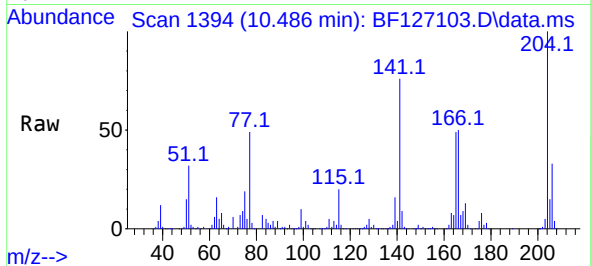
Tgt Ion:149 Resp: 659943
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 48.571 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

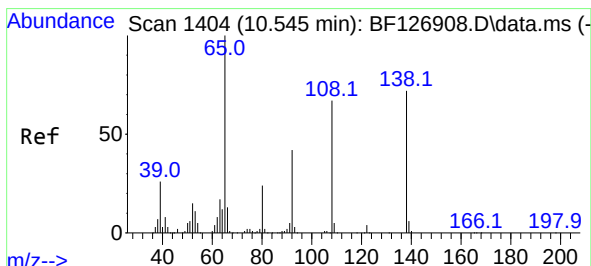
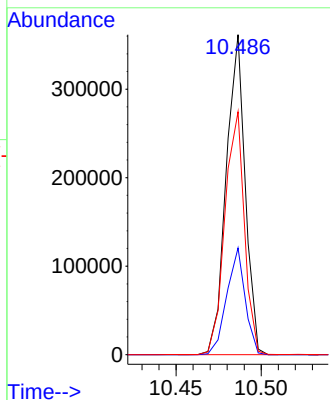
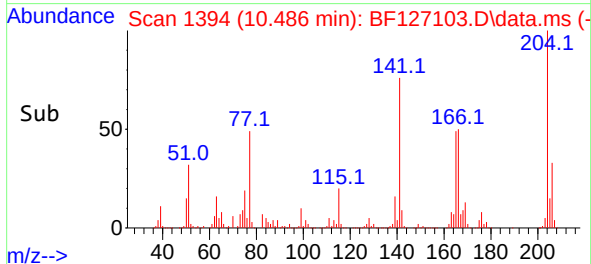
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



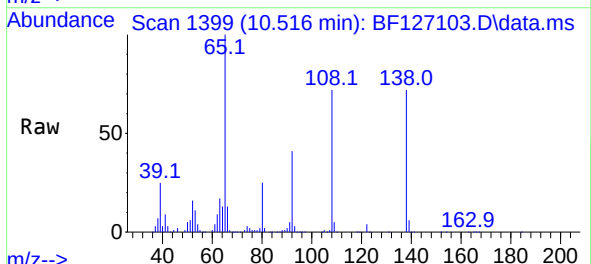
Tgt Ion:204 Resp: 28023
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 75.9 59.0 88.6

Manual Integrations
APPROVED

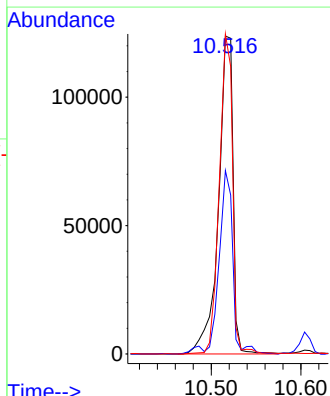
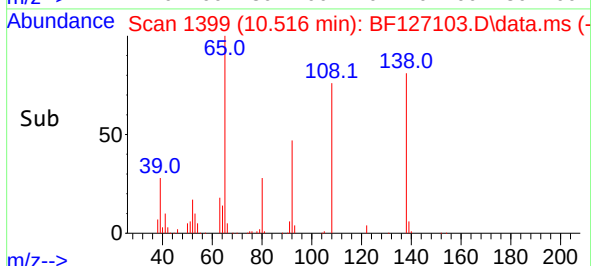
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

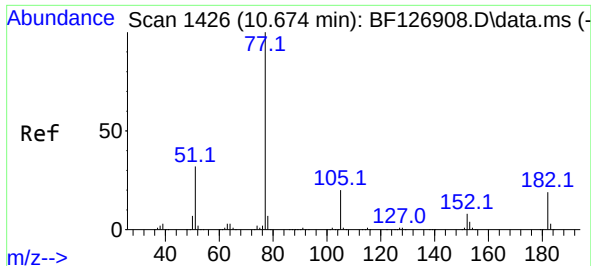


#62
4-Nitroaniline
Concen: 43.256 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



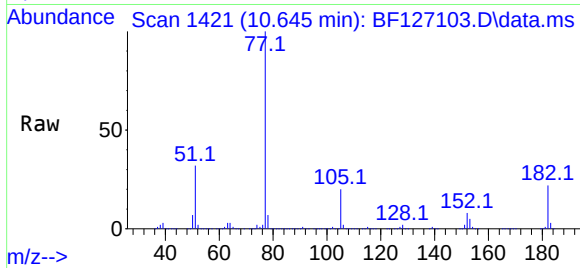
Tgt Ion:138 Resp: 139753
Ion Ratio Lower Upper
138 100
92 57.7 36.2 76.2
108 100.7 46.7 86.7#





#63
Azobenzene
Concen: 45.095 ng
RT: 10.645 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

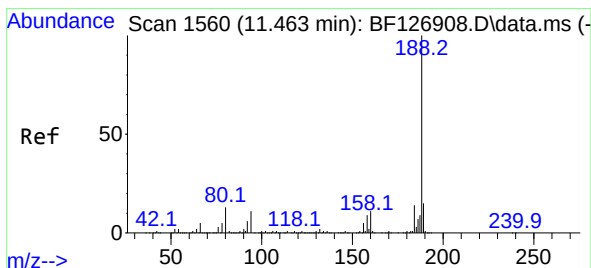
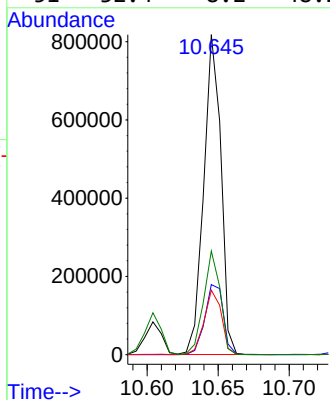
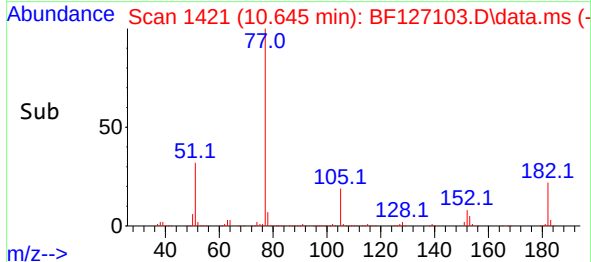
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



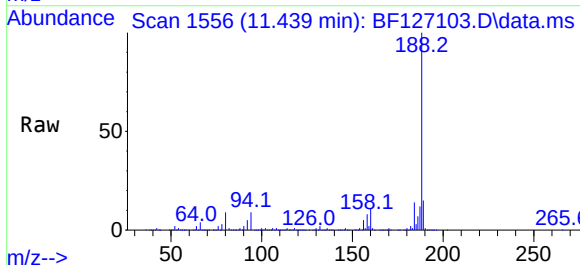
Tgt Ion: 77 Resp: 69026
Ion Ratio Lower Upper
77 100
182 21.9 0.0 39.0
105 20.2 3.2 43.2
51 32.4 8.2 48.2

Manual Integrations
APPROVED

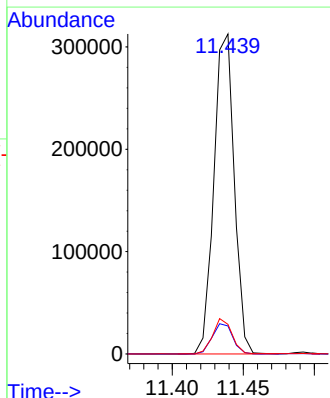
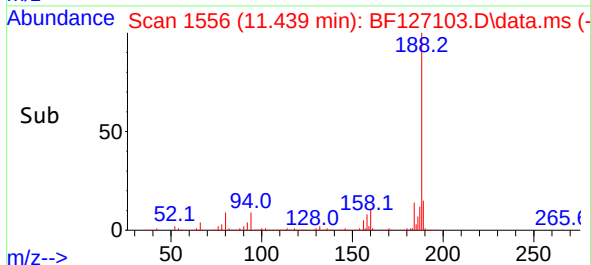
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

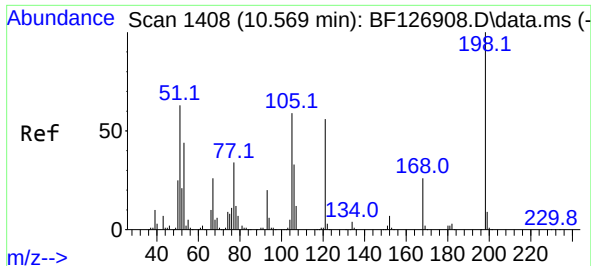


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



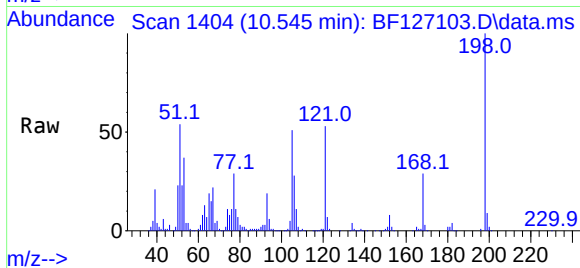
Tgt Ion:188 Resp: 311977
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 9.2 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.668 ng
RT: 10.545 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

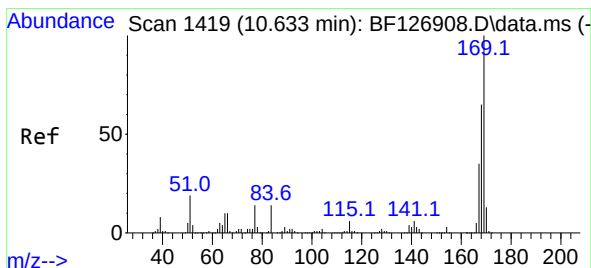
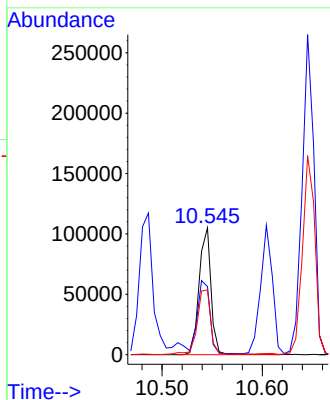
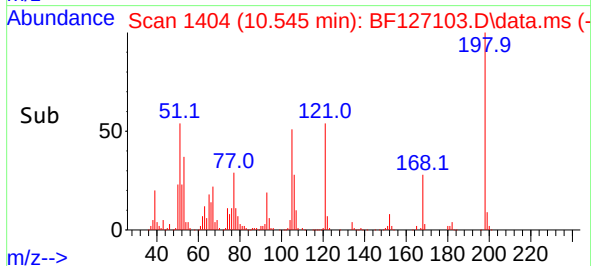
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



Tgt Ion:198 Resp: 87379
Ion Ratio Lower Upper
198 100
51 53.7 32.0 72.0
105 50.9 32.7 72.7

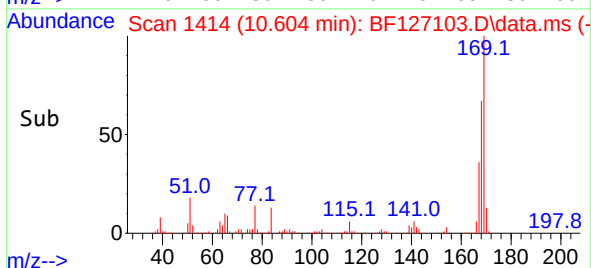
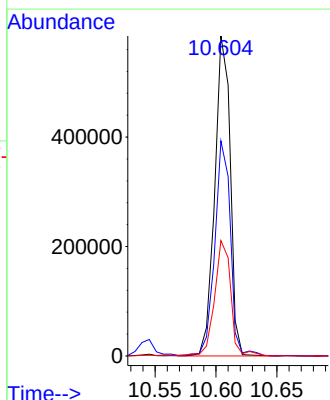
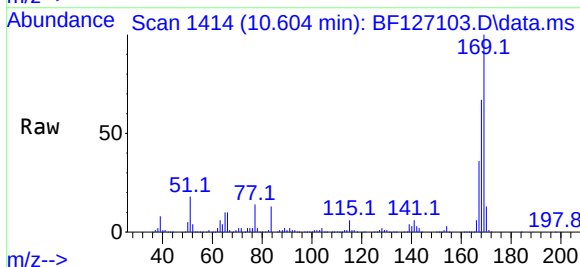
Manual Integrations
APPROVED

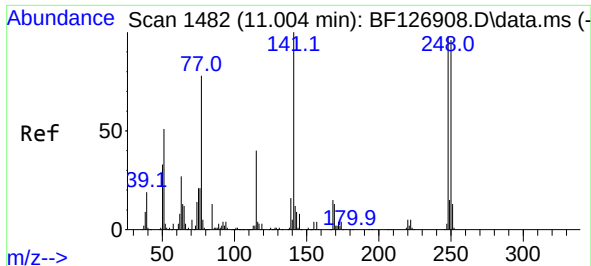
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#66
n-Nitrosodiphenylamine
Concen: 50.524 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

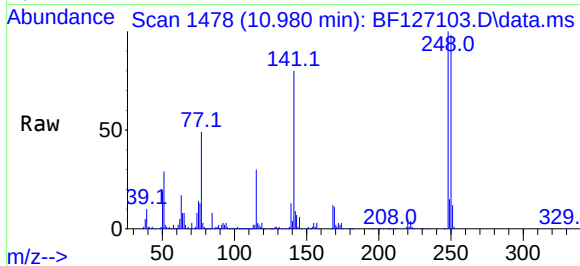
Tgt Ion:169 Resp: 516861
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.908 ng
RT: 10.980 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

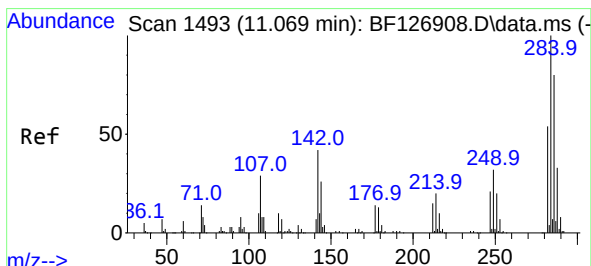
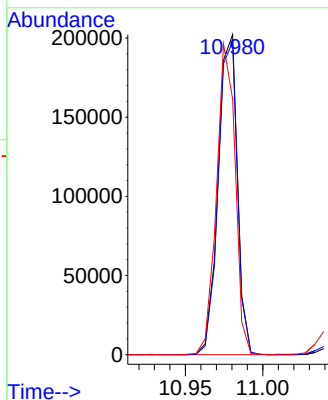
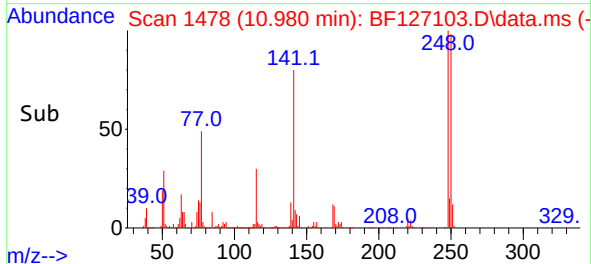
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



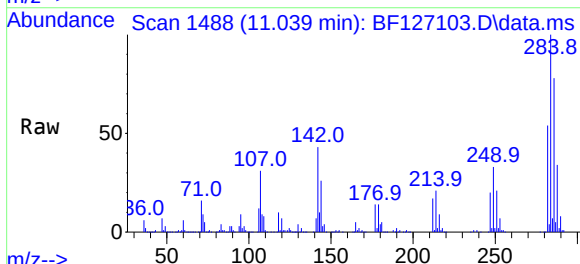
Tgt Ion:248 Resp: 173968
Ion Ratio Lower Upper
248 100
250 97.8 76.2 114.4
141 80.0 66.2 99.4

Manual Integrations
APPROVED

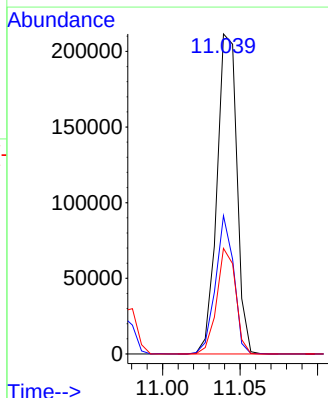
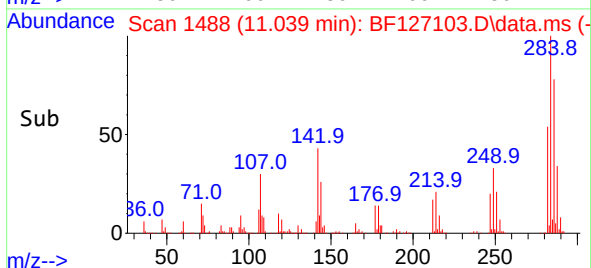
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

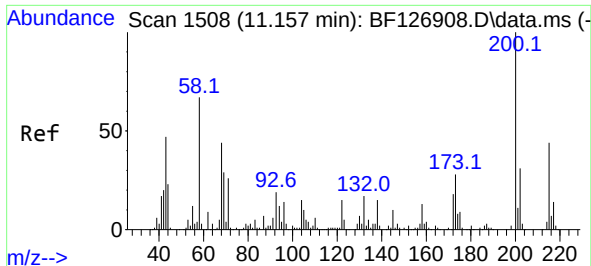


#68
Hexachlorobenzene
Concen: 50.493 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.012 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



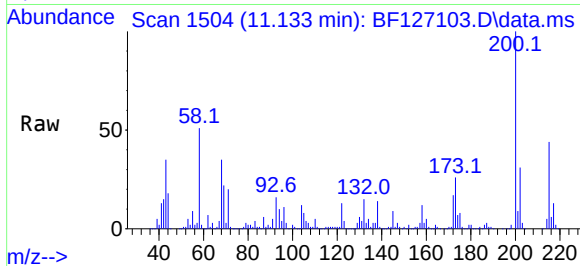
Tgt Ion:284 Resp: 189475
Ion Ratio Lower Upper
284 100
142 43.2 30.7 46.1
249 33.0 21.1 31.7#





#69
Atrazine
Concen: 52.824 ng
RT: 11.133 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

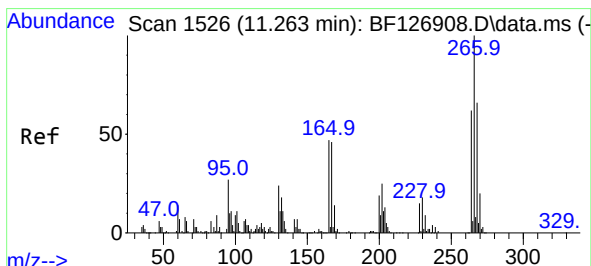
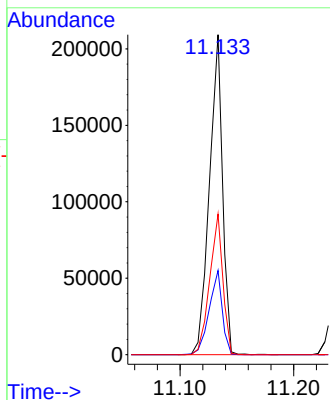
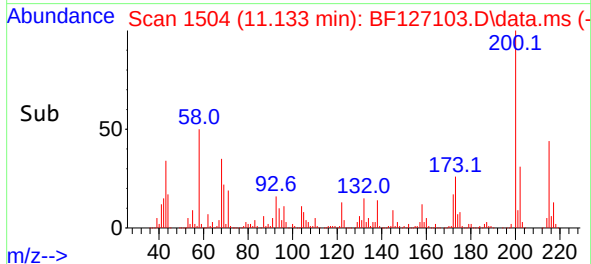
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



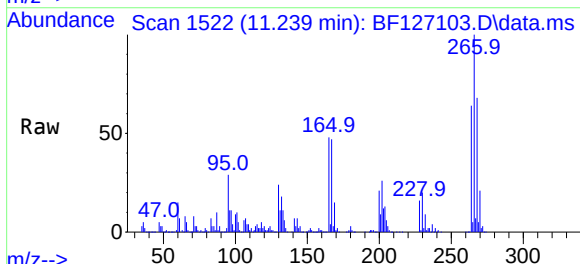
Tgt Ion:200 Resp: 16760
Ion Ratio Lower Upper
200 100
173 26.3 9.2 49.2
215 43.9 23.2 63.2

Manual Integrations
APPROVED

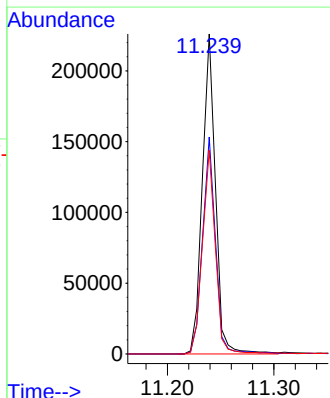
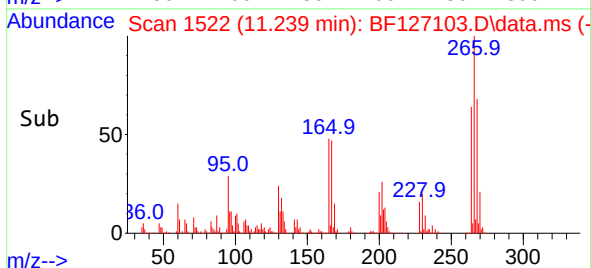
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

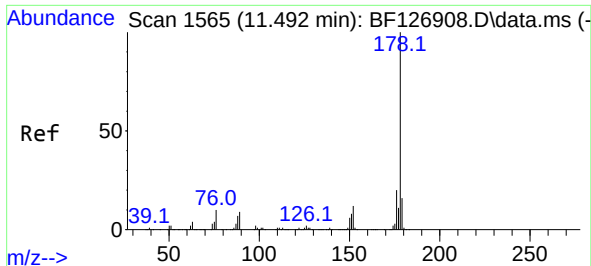


#70
Pentachlorophenol
Concen: 94.798 ng
RT: 11.239 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



Tgt Ion:266 Resp: 194187
Ion Ratio Lower Upper
266 100
268 67.8 52.3 78.5
264 63.7 50.4 75.6





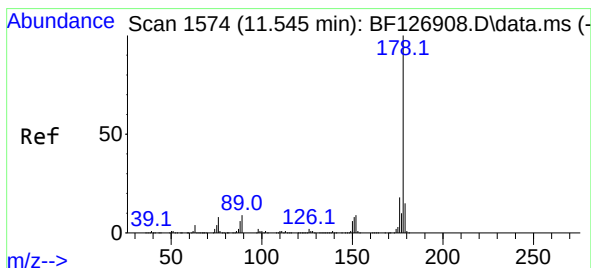
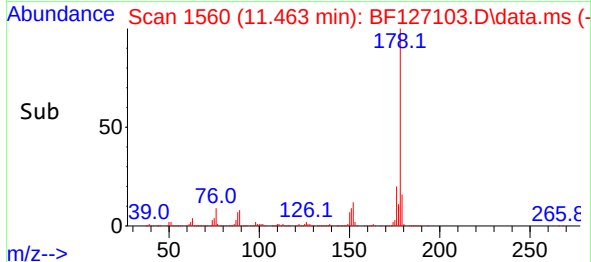
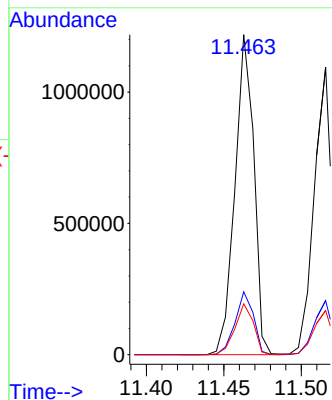
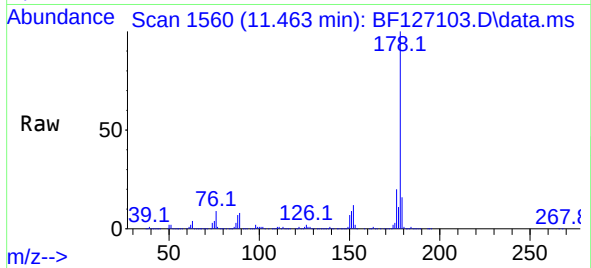
#71
Phenanthrene
Concen: 59.152 ng
RT: 11.463 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD

Tgt Ion:178 Resp: 103290
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.9 12.3 18.5

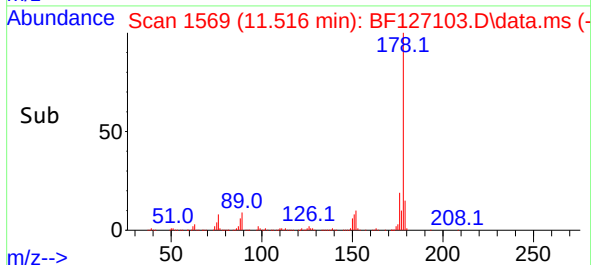
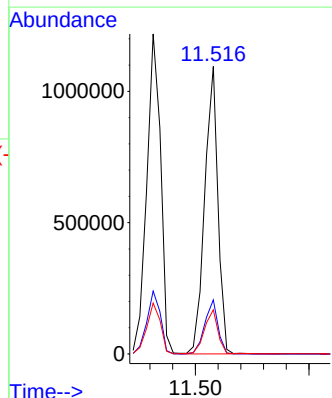
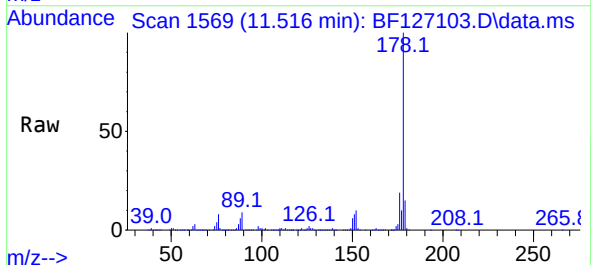
Manual Integrations
APPROVED

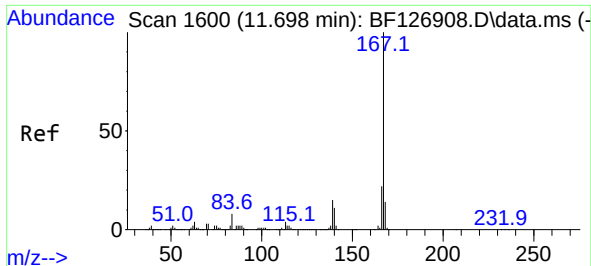
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#72
Anthracene
Concen: 50.842 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

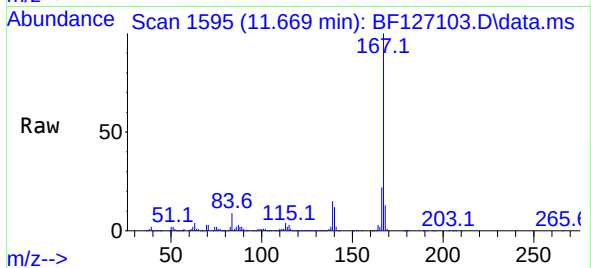
Tgt Ion:178 Resp: 883815
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 43.521 ng
 RT: 11.669 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127103.D
 Acq: 28 Feb 2022 16:47

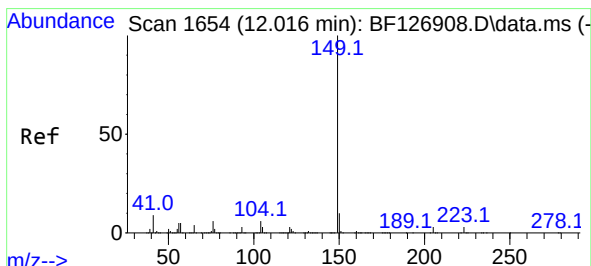
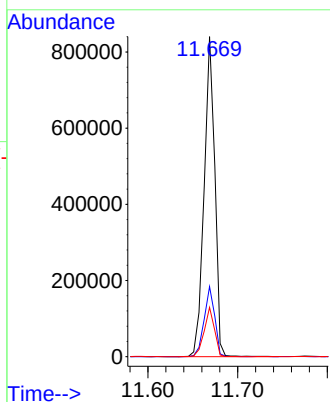
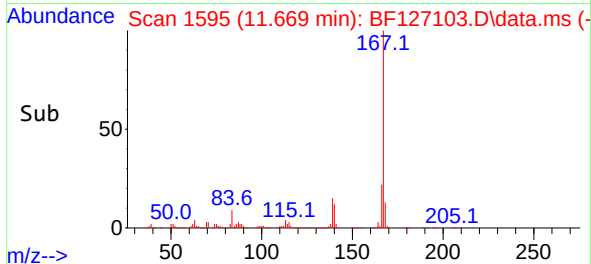
Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11944MSD



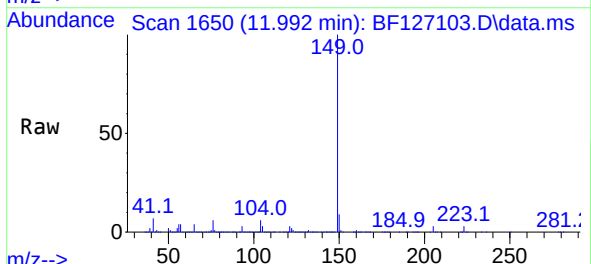
Tgt Ion:167 Resp: 69379
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.9 25.3
 139 15.4 11.3 16.9

Manual Integrations
 APPROVED

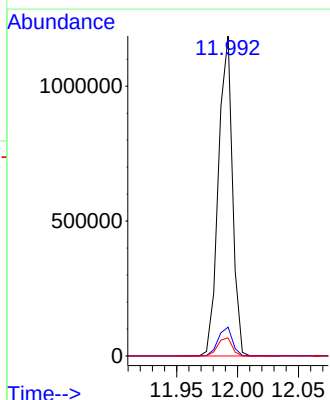
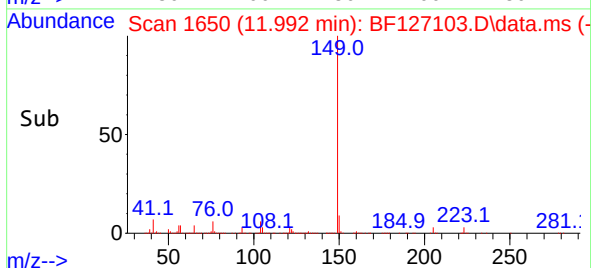
Reviewed By :Christian Giraldo 03/01/2022
 Supervised By :Jagrut Upadhyay 03/01/2022

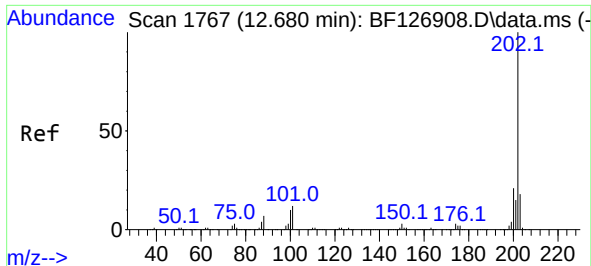


#74
 Di-n-butylphthalate
 Concen: 46.426 ng
 RT: 11.992 min Scan# 1650
 Delta R.T. 0.000 min
 Lab File: BF127103.D
 Acq: 28 Feb 2022 16:47



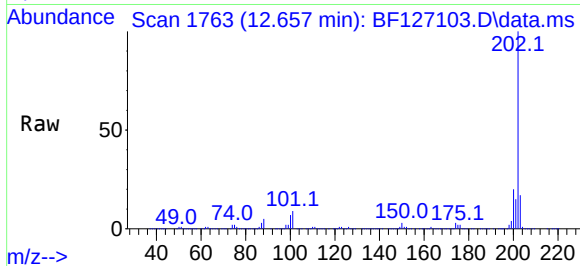
Tgt Ion:149 Resp: 951456
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.6 4.2 6.2





#75
Fluoranthene
Concen: 52.162 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

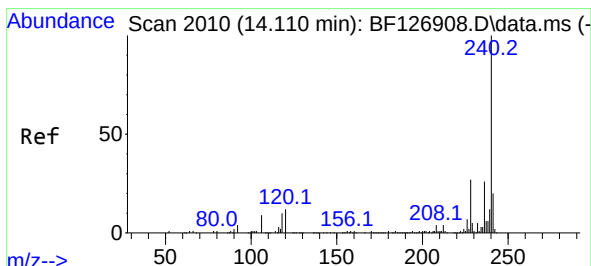
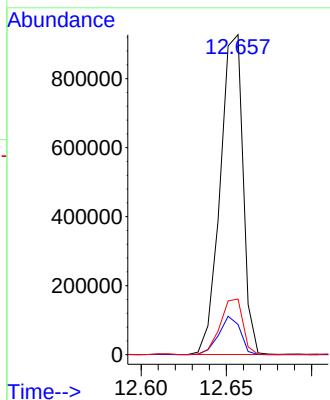
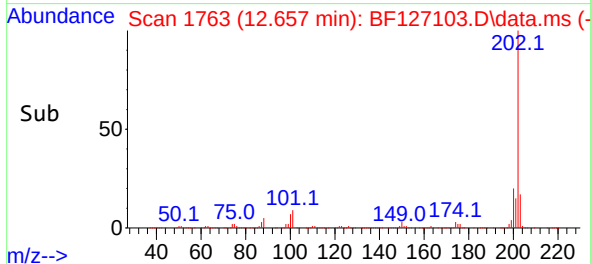
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



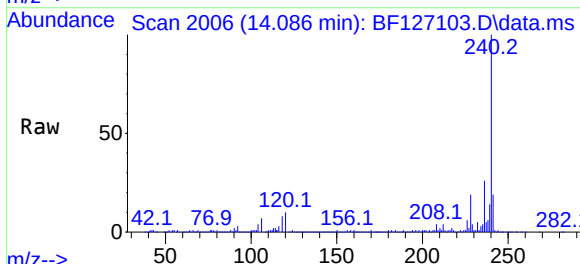
Tgt Ion:202 Resp: 864860
Ion Ratio Lower Upper
202 100
101 9.4 0.0 35.7
203 17.4 0.0 37.1

Manual Integrations
APPROVED

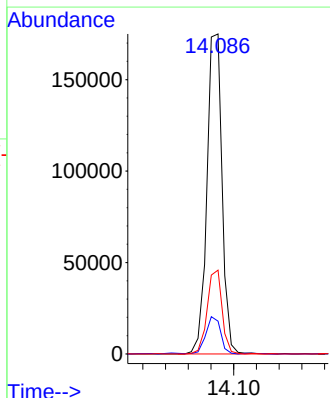
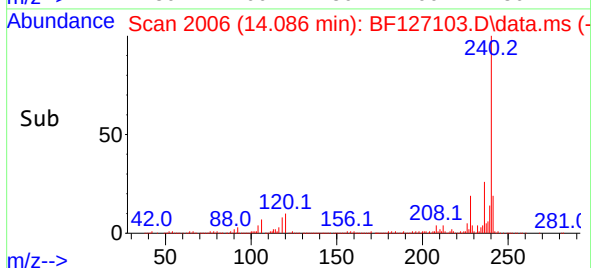
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

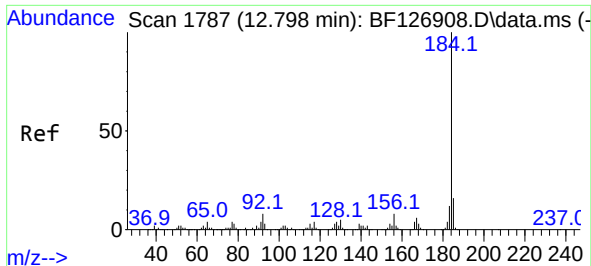


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



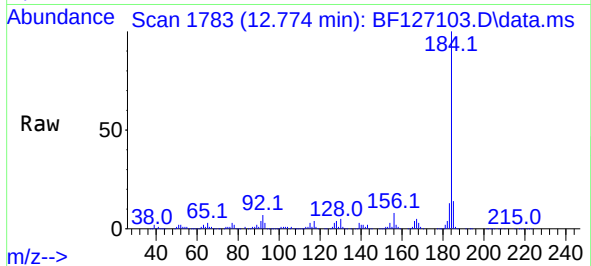
Tgt Ion:240 Resp: 161379
Ion Ratio Lower Upper
240 100
120 10.3 14.4 21.6#
236 26.2 20.5 30.7





#77
Benzidine
Concen: 51.916 ng
RT: 12.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

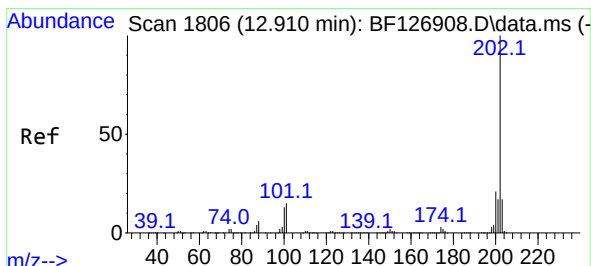
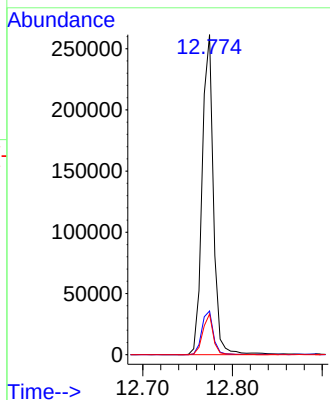
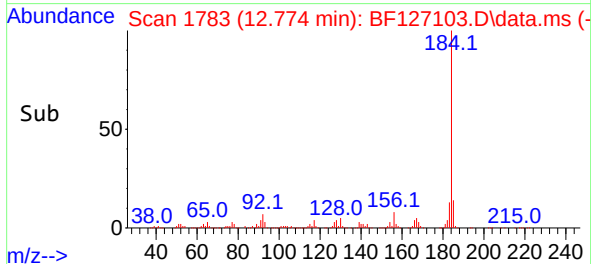
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



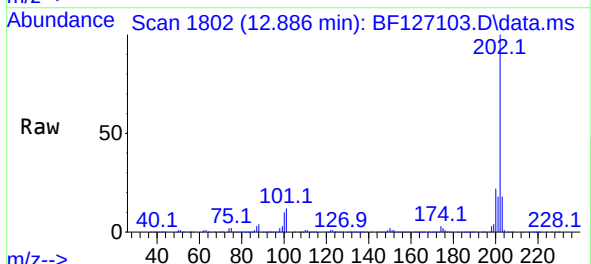
Tgt Ion:184 Resp: 227684
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 12.7 8.2 12.2

Manual Integrations
APPROVED

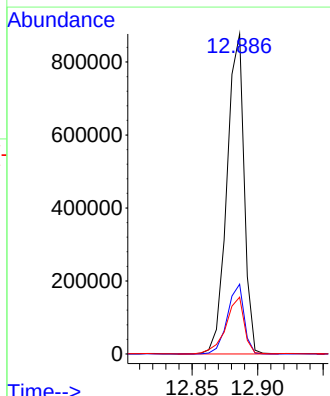
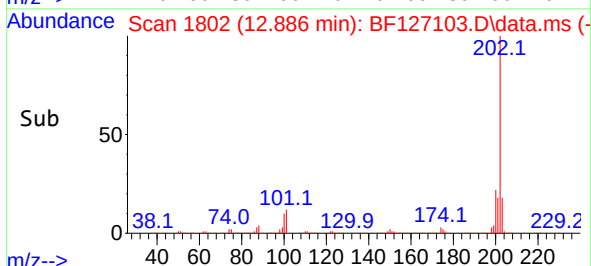
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

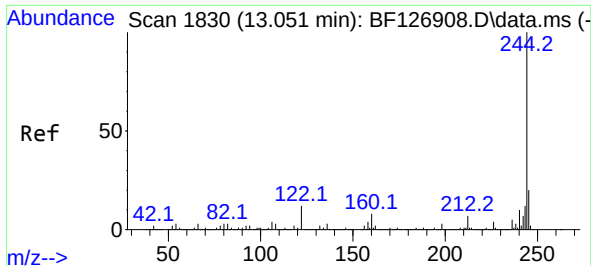


#78
Pyrene
Concen: 56.919 ng
RT: 12.886 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



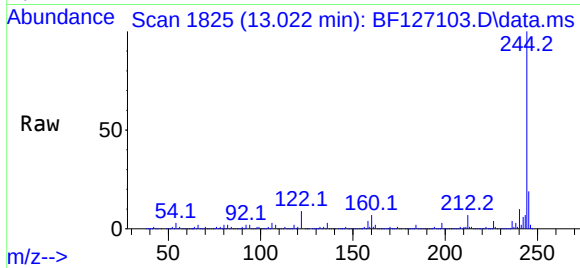
Tgt Ion:202 Resp: 798029
Ion Ratio Lower Upper
202 100
200 21.8 16.6 24.8
203 17.7 13.8 20.8





#79
Terphenyl-d14
Concen: 69.802 ng
RT: 13.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

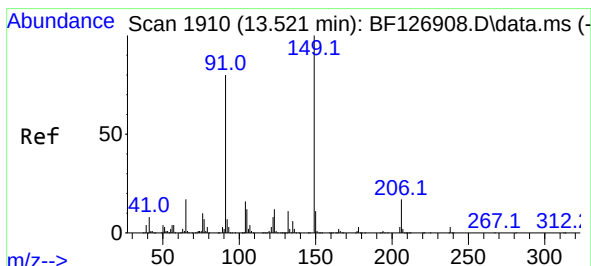
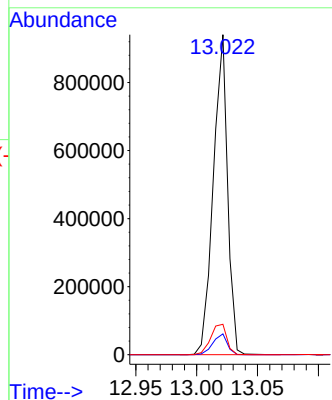
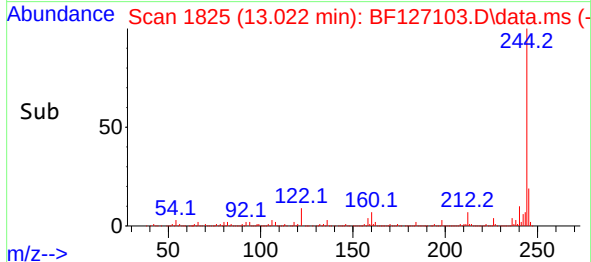
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



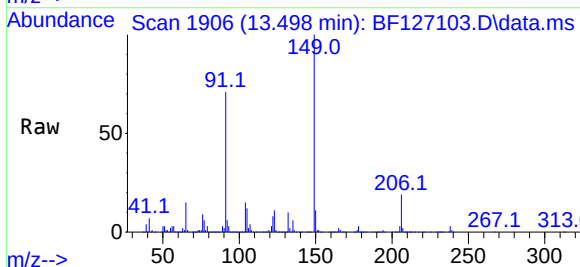
Tgt Ion:244 Resp: 766277
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 9.5 13.3 19.9

Manual Integrations
APPROVED

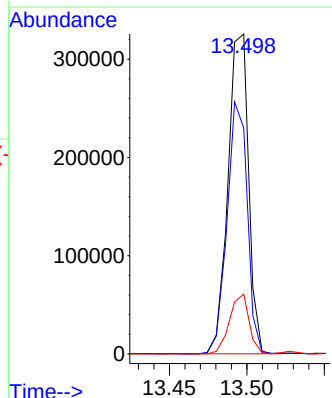
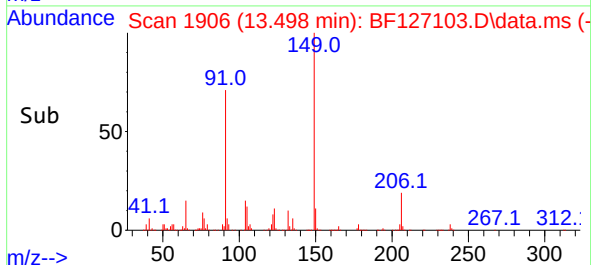
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

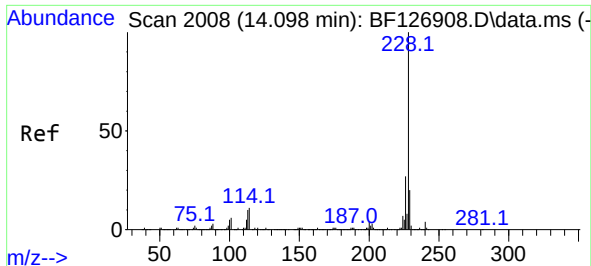


#80
Butylbenzylphthalate
Concen: 45.526 ng
RT: 13.498 min Scan# 1906
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



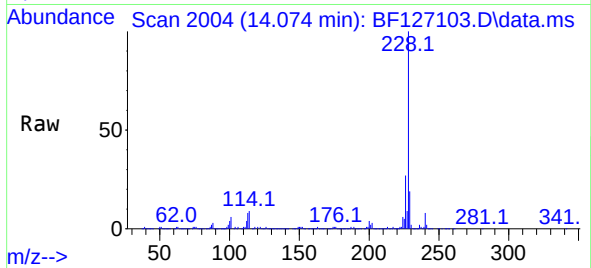
Tgt Ion:149 Resp: 302179
Ion Ratio Lower Upper
149 100
91 70.6 70.5 105.7
206 18.7 12.6 19.0





#81
Benzo(a)anthracene
Concen: 54.108 ng
RT: 14.074 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

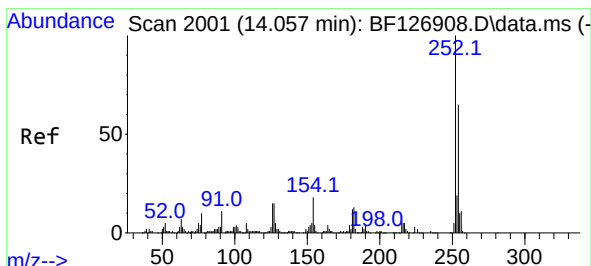
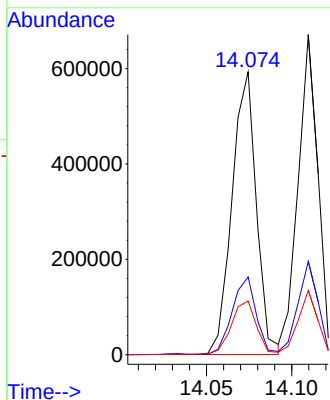
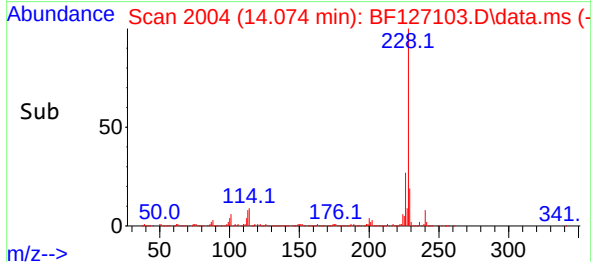
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



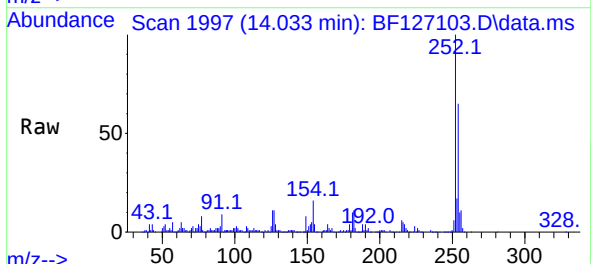
Tgt Ion:228 Resp: 588669
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.0 15.4 23.2

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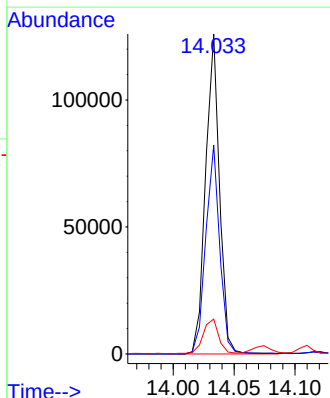
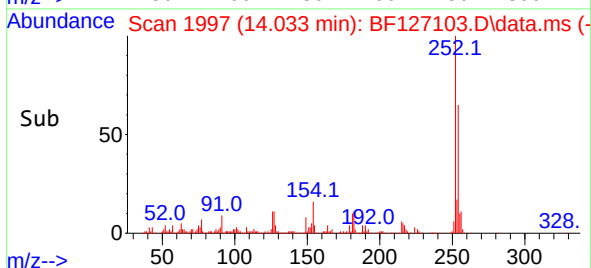
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

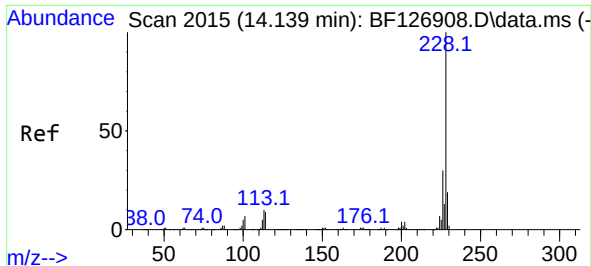


#82
3,3'-Dichlorobenzidine
Concen: 29.265 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



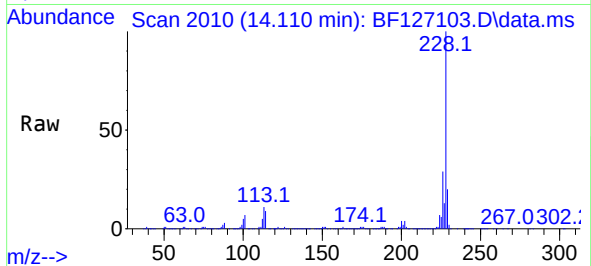
Tgt Ion:252 Resp: 100340
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.4
126 10.9 13.4 20.0#





#83
Chrysene
Concen: 53.095 ng
RT: 14.110 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

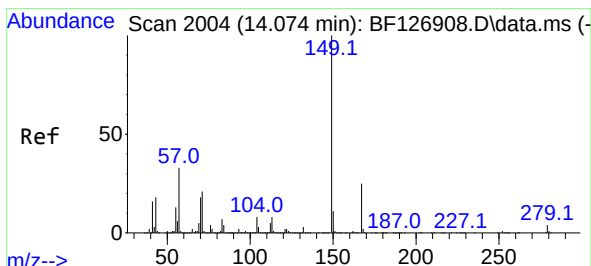
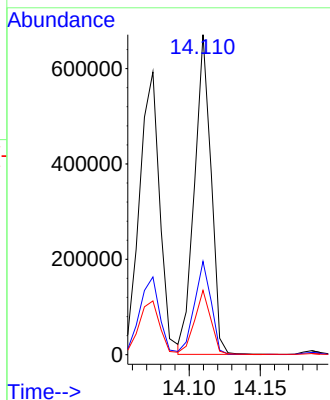
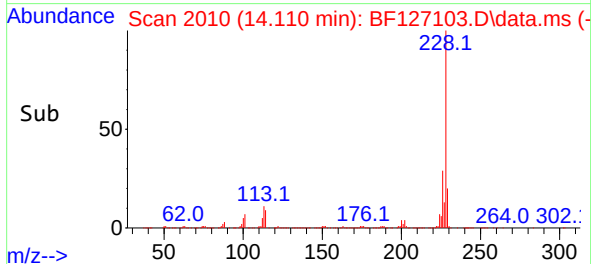
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



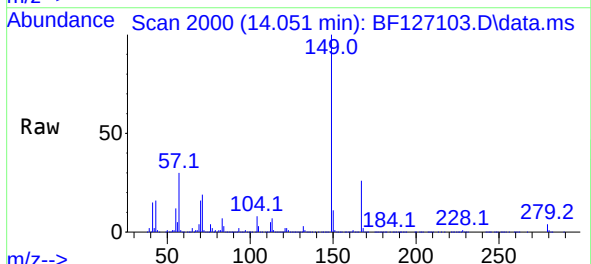
Tgt Ion:228 Resp: 543208
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 20.1 15.5 23.3

Manual Integrations
APPROVED

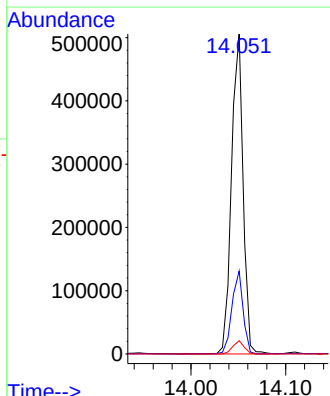
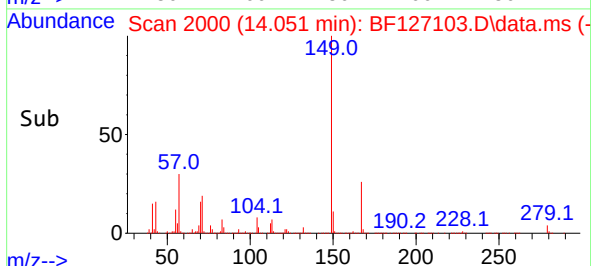
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

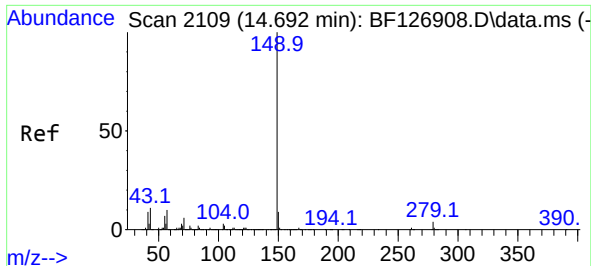


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.314 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



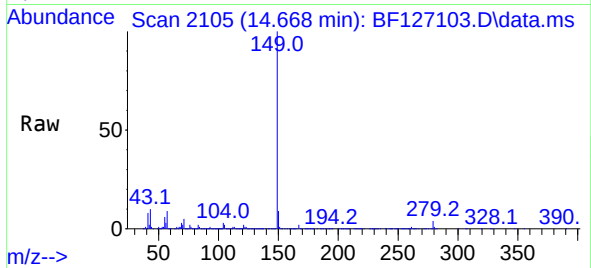
Tgt Ion:149 Resp: 429730
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.2
279 4.2 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 49.844 ng
RT: 14.668 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

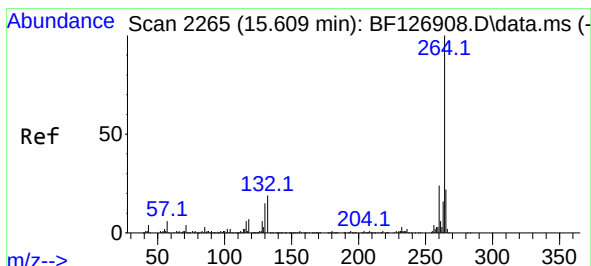
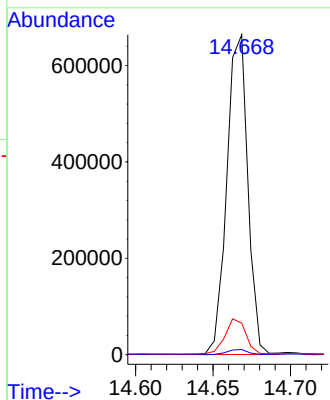
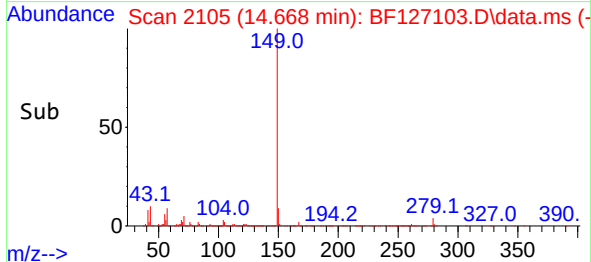
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



Tgt Ion:149 Resp: 625378
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.8 9.9 14.9

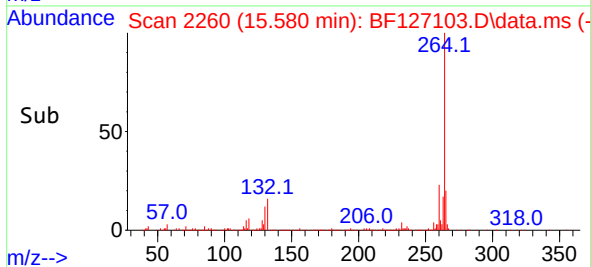
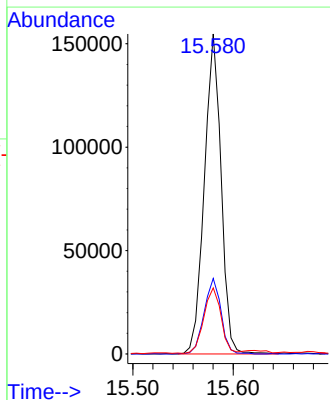
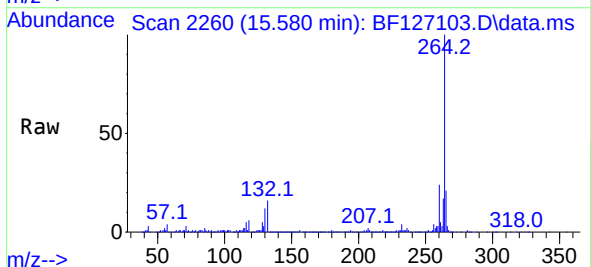
Manual Integrations
APPROVED

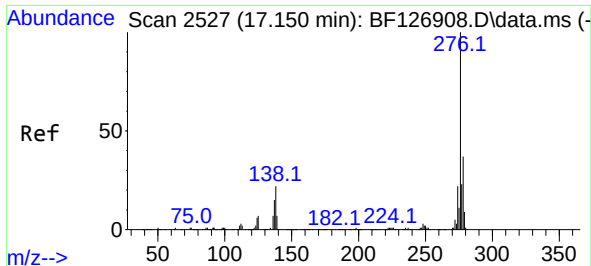
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

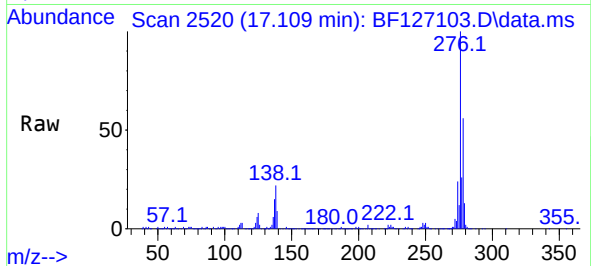
Tgt Ion:264 Resp: 180014
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.142 ng
RT: 17.109 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

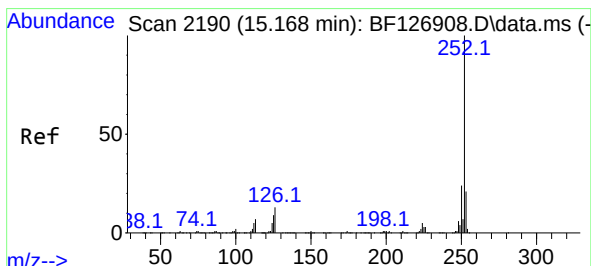
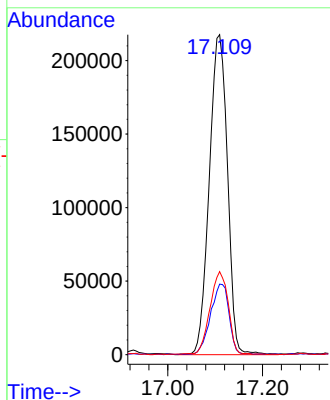
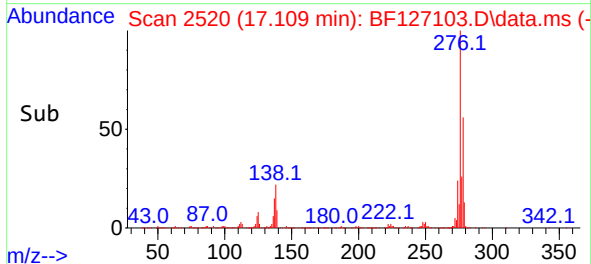
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



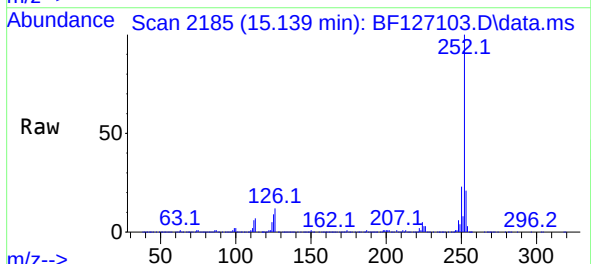
Tgt Ion:276 Resp: 580059
Ion Ratio Lower Upper
276 100
138 22.3 29.2 43.8
277 26.1 19.8 29.8

Manual Integrations
APPROVED

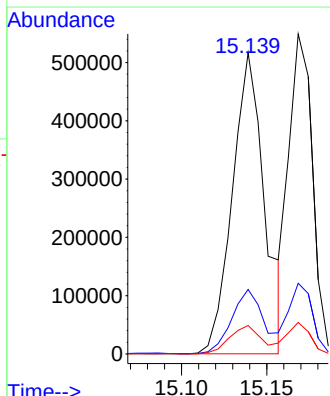
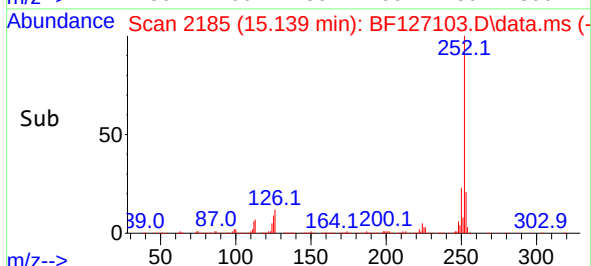
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022

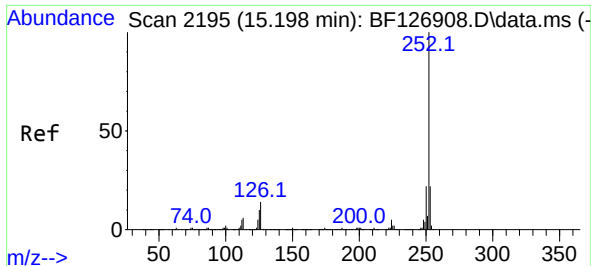


#88
Benzo(b)fluoranthene
Concen: 55.905 ng
RT: 15.139 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47



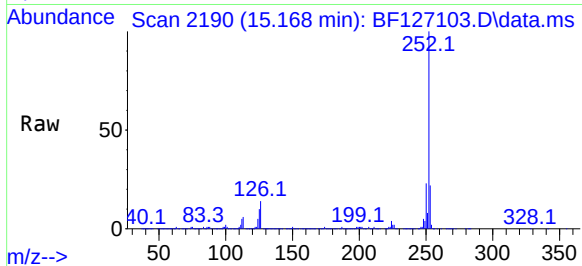
Tgt Ion:252 Resp: 675920
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.4 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 45.461 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

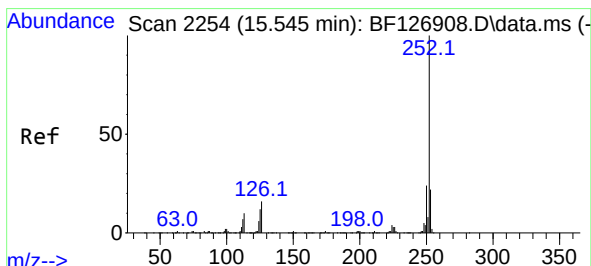
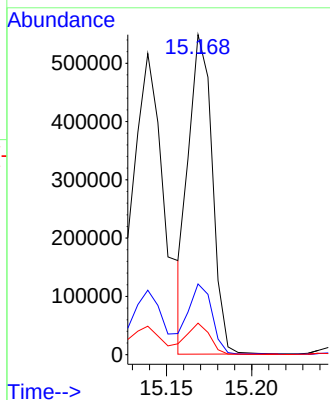
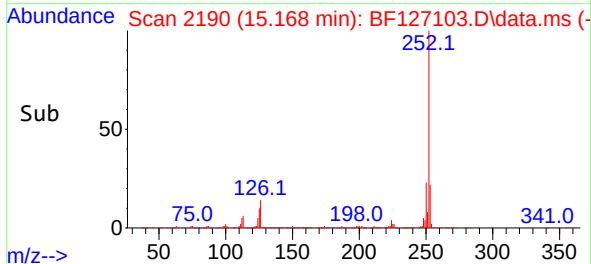
Instrument :
BNA_F
ClientSampleId :
RO-72-11944MSD



Tgt Ion:252 Resp: 530149
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.9 11.8 17.6

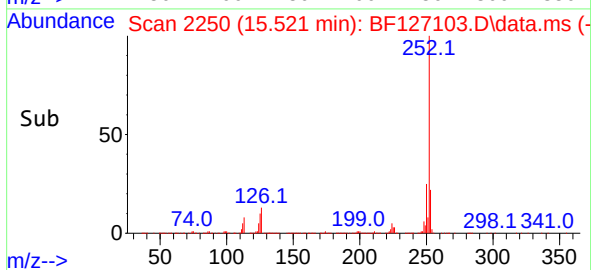
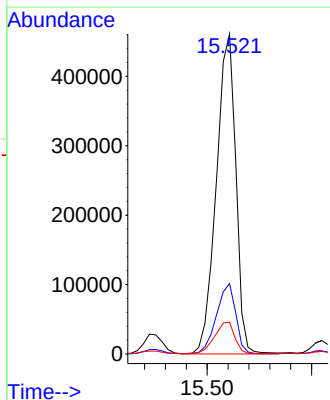
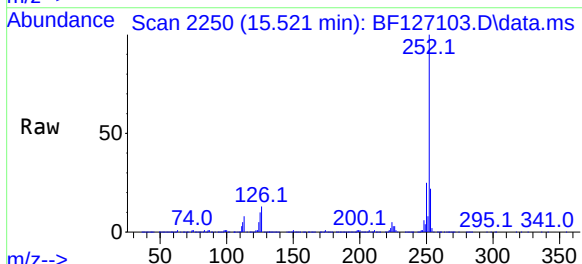
Manual Integrations
APPROVED

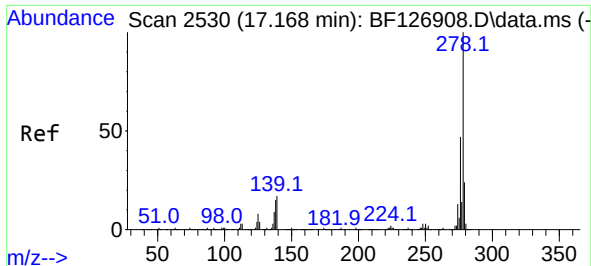
Reviewed By :Christian Giraldo 03/01/2022
Supervised By :Jagrut Upadhyay 03/01/2022



#90
Benzo(a)pyrene
Concen: 63.466 ng m
RT: 15.521 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BF127103.D
Acq: 28 Feb 2022 16:47

Tgt Ion:252 Resp: 599362
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.0 13.0 19.6





#91

Dibenzo(a,h)anthracene

Concen: 49.229 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Instrument :

BNA_F

ClientSampleId :

RO-72-11944MSD

Tgt Ion:278 Resp: 480590

Ion Ratio Lower Upper

278 100

139 13.4 18.0 27.0

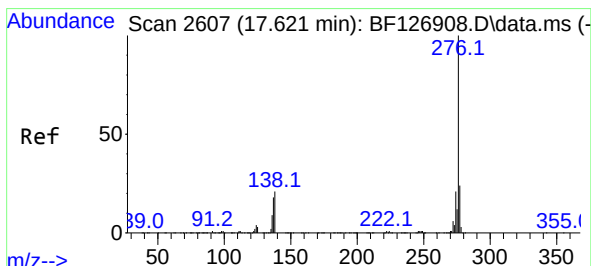
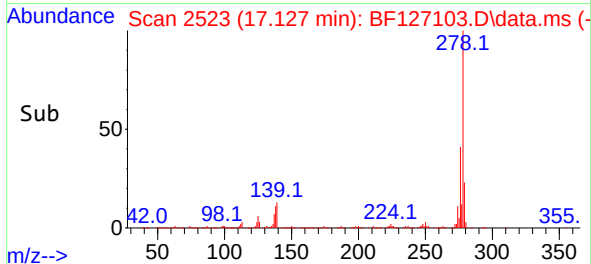
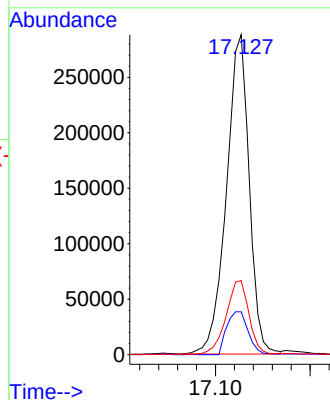
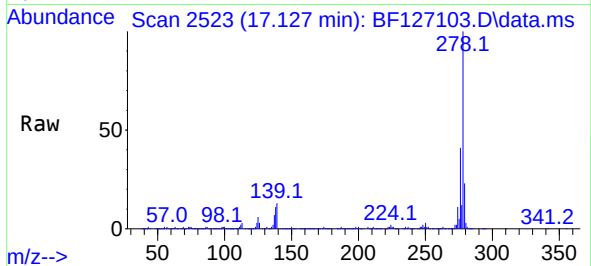
279 23.2 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/01/2022

Supervised By :Jagrut Upadhyay 03/01/2022



#92

Benzo(g,h,i)perylene

Concen: 48.196 ng

RT: 17.574 min Scan# 2599

Delta R.T. -0.006 min

Lab File: BF127103.D

Acq: 28 Feb 2022 16:47

Tgt Ion:276 Resp: 463851

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 18.7 25.9 38.9

