

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127508.D
 Acq On : 24 Mar 2022 17:51
 Operator : CG\JU
 Sample : N2063-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

Quant Time: Mar 24 18:21:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	79148	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	288935	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	161593	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	253326	20.000	ng	0.00
76) Chrysene-d12	14.027	240	163849	20.000	ng	0.00
86) Perylene-d12	15.509	264	181288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	574675	115.898	ng	0.01
7) Phenol-d6	6.492	99	779846	115.058	ng	0.00
23) Nitrobenzene-d5	7.422	82	530066	78.419	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	179730	104.411	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	896178	80.983	ng	0.00
79) Terphenyl-d14	12.957	244	708455	70.782	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	117854	54.116	ng	96
3) Pyridine	3.440	79	298002	48.481	ng	98
4) n-Nitrosodimethylamine	3.416	42	186253	55.188	ng	95
6) Aniline	6.516	93	223839	27.674	ng	# 86
8) 2-Chlorophenol	6.639	128	284249	56.097	ng	96
9) Benzaldehyde	6.404	77	176185	52.905	ng	99
10) Phenol	6.504	94	393158	53.264	ng	99
11) bis(2-Chloroethyl)ether	6.586	93	303681	56.226	ng	99
12) 1,3-Dichlorobenzene	6.786	146	302554	53.088	ng	98
13) 1,4-Dichlorobenzene	6.863	146	308975	53.897	ng	98
14) 1,2-Dichlorobenzene	7.016	146	288489	51.668	ng	98
15) Benzyl Alcohol	6.998	79	287131	58.292	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	532167	54.755	ng	85
17) 2-Methylphenol	7.110	107	233862	54.688	ng	95
18) Hexachloroethane	7.351	117	117860	56.158	ng	91
19) n-Nitroso-di-n-propyla...	7.263	70	226323	55.707	ng	99
20) 3+4-Methylphenols	7.263	107	287422	54.493	ng	90
22) Acetophenone	7.263	105	389625	52.753	ng	98
24) Nitrobenzene	7.439	77	352245	54.643	ng	99
25) Isophorone	7.675	82	643190	59.744	ng	99
26) 2-Nitrophenol	7.751	139	147165	54.434	ng	99
27) 2,4-Dimethylphenol	7.786	122	253526	62.340	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	381121	54.497	ng	99
29) 2,4-Dichlorophenol	7.998	162	247961	53.709	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	278833	51.829	ng	100
31) Naphthalene	8.157	128	812284	52.952	ng	100
32) Benzoic acid	7.939	122	97608	42.547	ng	98
33) 4-Chloroaniline	8.210	127	45627	7.676	ng	97
34) Hexachlorobutadiene	8.257	225	175565	51.391	ng	99
35) Caprolactam	8.598	113	70716m	49.685	ng	
36) 4-Chloro-3-methylphenol	8.704	107	262761	52.457	ng	99
37) 2-Methylnaphthalene	8.845	142	530869	53.820	ng	100
38) 1-Methylnaphthalene	8.945	142	512473	52.542	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	276565	53.828	ng	99
41) Hexachlorocyclopentadiene	8.992	237	166815	88.939	ng	97
43) 2,4,6-Trichlorophenol	9.127	196	165189	53.188	ng	98

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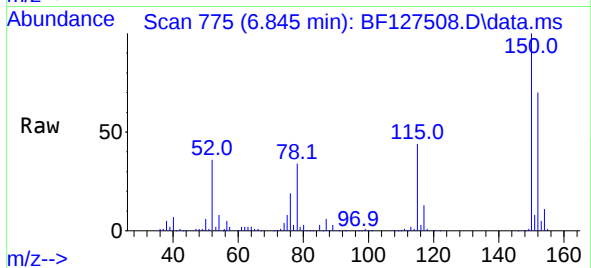
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	170178	53.230	ng	98
46) 1,1'-Biphenyl	9.310	154	641854	52.592	ng	100
47) 2-Chloronaphthalene	9.339	162	509512	53.015	ng	99
48) 2-Nitroaniline	9.445	65	191133	51.891	ng	95
49) Acenaphthylene	9.751	152	802452	55.230	ng	99
50) Dimethylphthalate	9.616	163	592650	52.719	ng	99
51) 2,6-Dinitrotoluene	9.680	165	127434	54.002	ng	92
52) Acenaphthene	9.922	154	448974	52.963	ng	98
53) 3-Nitroaniline	9.857	138	46411	17.929	ng	99
54) 2,4-Dinitrophenol	9.969	184	66486	58.454	ng	# 83
55) Dibenzofuran	10.098	168	659341	54.611	ng	99
56) 4-Nitrophenol	10.033	139	99413	75.457	ng	95
57) 2,4-Dinitrotoluene	10.092	165	153533	50.547	ng	96
58) Fluorene	10.439	166	527128	54.172	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	132820	46.990	ng	98
60) Diethylphthalate	10.310	149	528844	51.505	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	283490	48.792	ng	99
62) 4-Nitroaniline	10.474	138	99851	41.182	ng	96
63) Azobenzene	10.592	77	613434	50.632	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	65575	42.068	ng	90
66) n-Nitrosodiphenylamine	10.551	169	444146	57.596	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	170694	57.713	ng	98
68) Hexachlorobenzene	10.986	284	181832	56.322	ng	99
69) Atrazine	11.080	200	152651	59.462	ng	97
70) Pentachlorophenol	11.186	266	104246	83.326	ng	98
71) Phenanthrene	11.404	178	697712	52.829	ng	100
72) Anthracene	11.457	178	719625	54.908	ng	99
73) Carbazole	11.616	167	579038	46.198	ng	100
74) Di-n-butylphthalate	11.927	149	707658	54.545	ng	100
75) Fluoranthene	12.598	202	658382	45.324	ng	99
77) Benzidine	12.721	184	173992	44.536	ng	97
78) Pyrene	12.827	202	651768	46.350	ng	99
80) Butylbenzylphthalate	13.433	149	230554	49.816	ng	95
81) Benzo(a)anthracene	14.015	228	588232	53.684	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	83785	26.017	ng	98
83) Chrysene	14.057	228	554663	53.457	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	320634	59.933	ng	# 99
85) Di-n-octyl phthalate	14.598	149	584138	82.051	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	541101	44.110	ng	99
88) Benzo(b)fluoranthene	15.074	252	649296	56.803	ng	99
89) Benzo(k)fluoranthene	15.104	252	564992	47.680	ng	98
90) Benzo(a)pyrene	15.445	252	596177	63.552	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	476857	47.084	ng	97
92) Benzo(g,h,i)perylene	17.468	276	441851	42.209	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

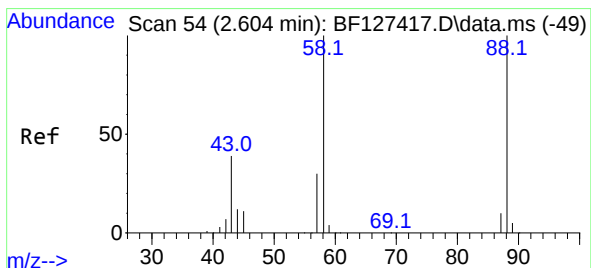
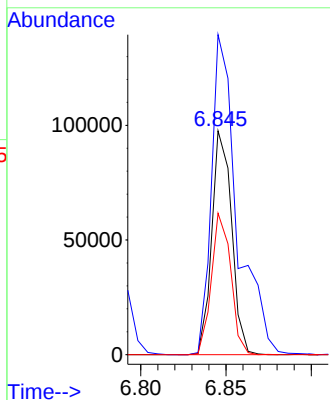
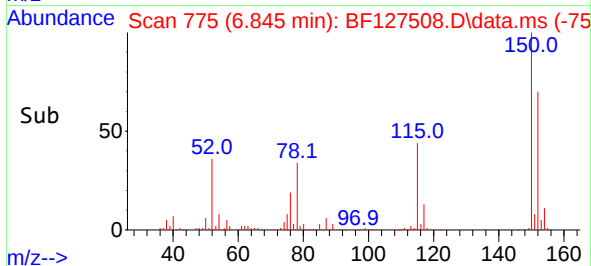
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



Tgt Ion:152 Resp: 79148
Ion Ratio Lower Upper
152 100
150 143.0 117.2 175.8
115 63.2 49.8 74.6

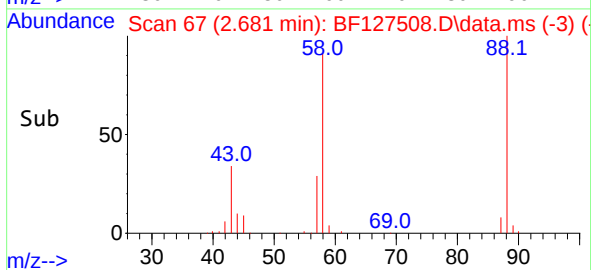
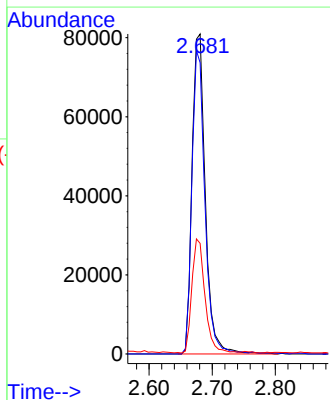
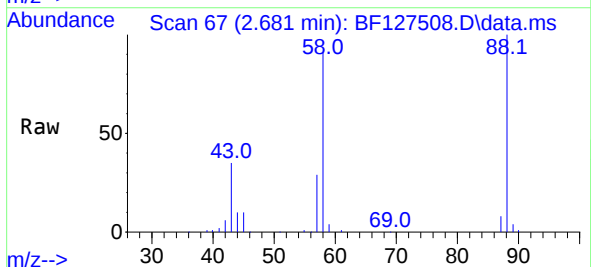
Manual Integrations
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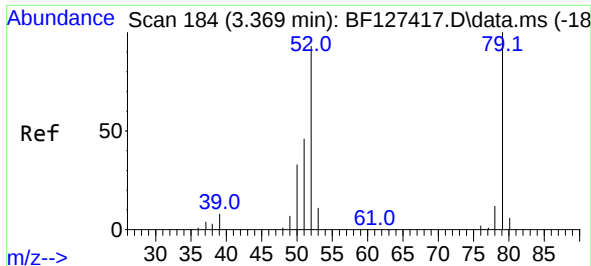
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#2
1,4-Dioxane
Concen: 54.116 ng
RT: 2.681 min Scan# 67
Delta R.T. 0.076 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

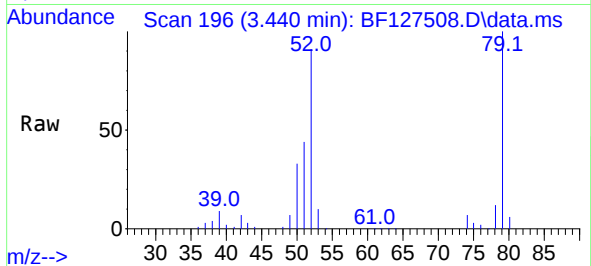
Tgt Ion: 88 Resp: 117854
Ion Ratio Lower Upper
88 100
58 93.0 77.0 115.4
43 35.2 31.3 46.9





#3
Pyridine
Concen: 48.481 ng
RT: 3.440 min Scan# 196
Delta R.T. 0.071 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

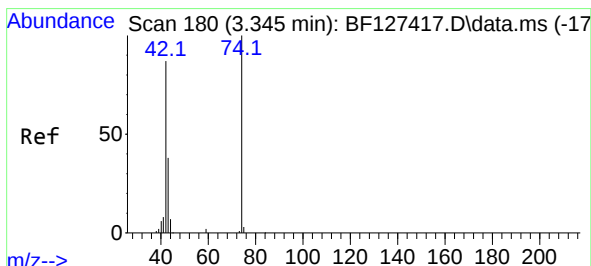
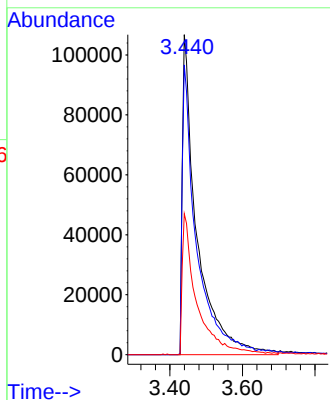
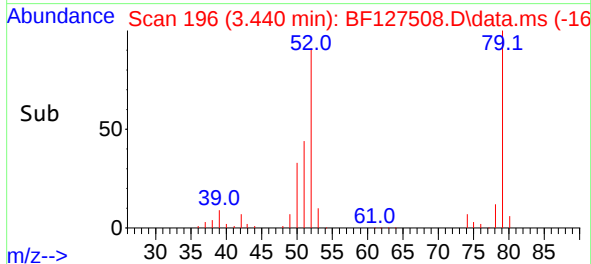
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



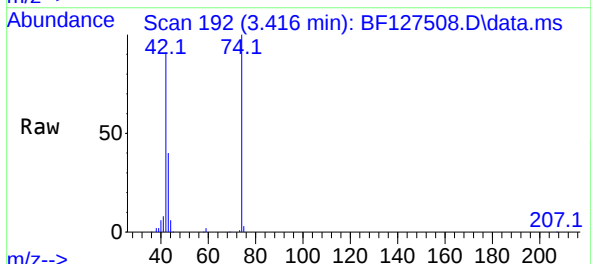
Tgt Ion: 79 Resp: 29800
Ion Ratio Lower Upper
79 100
52 90.6 74.2 111.4
51 44.1 36.7 55.1

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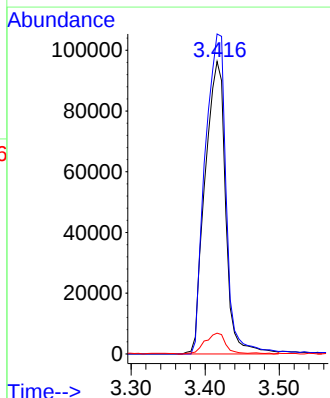
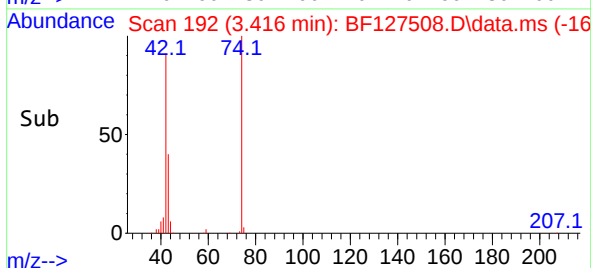
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Supervised By :Jagrut Upadhyay 03/25/2022

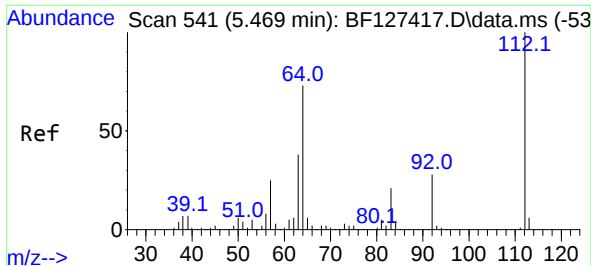


#4
n-Nitrosodimethylamine
Concen: 55.188 ng
RT: 3.416 min Scan# 192
Delta R.T. 0.071 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



Tgt Ion: 42 Resp: 186253
Ion Ratio Lower Upper
42 100
74 109.4 92.4 138.6
44 7.1 6.0 9.0





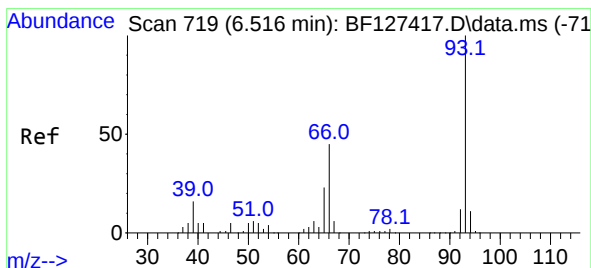
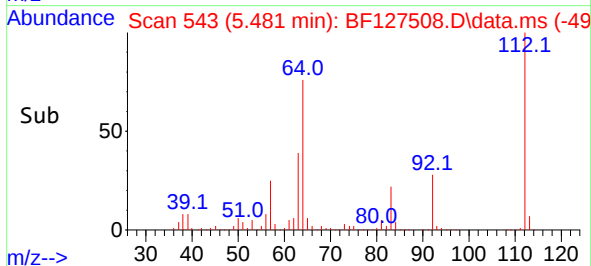
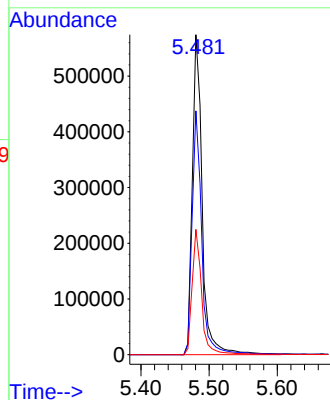
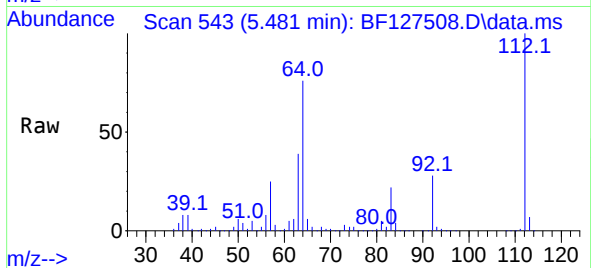
#5
2-Fluorophenol
Concen: 115.898 ng
RT: 5.481 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD

Tgt Ion:112 Resp: 57467
Ion Ratio Lower Upper
112 100
64 76.2 58.4 87.6
63 39.1 30.1 45.1

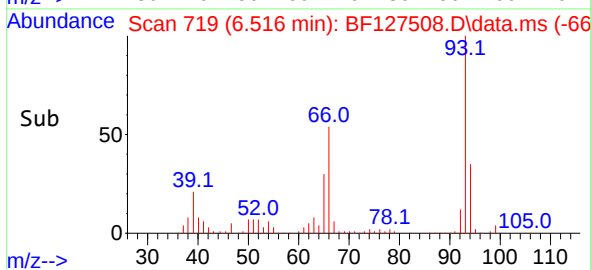
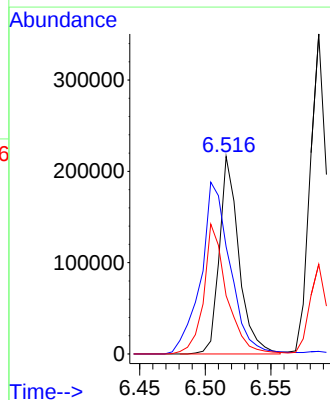
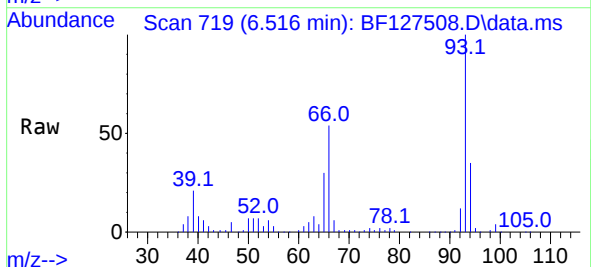
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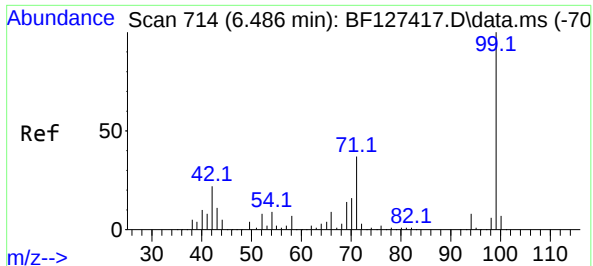
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#6
Aniline
Concen: 27.674 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

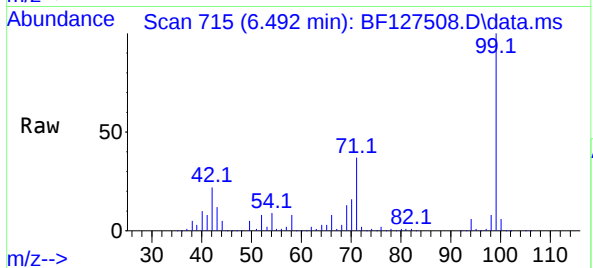
Tgt Ion: 93 Resp: 223839
Ion Ratio Lower Upper
93 100
66 54.3 36.2 54.4
65 29.5 18.4 27.6#





#7
Phenol-d6
Concen: 115.058 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

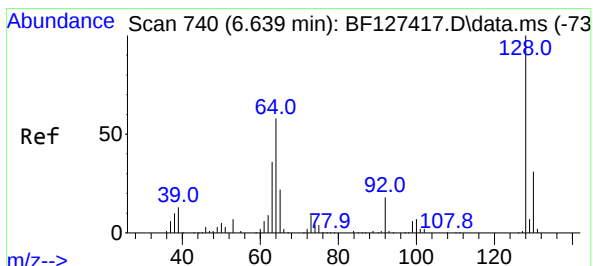
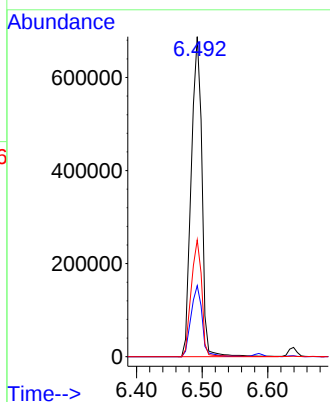
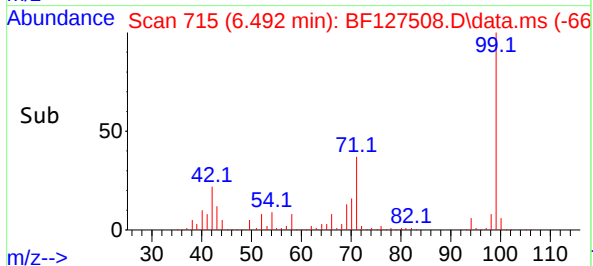
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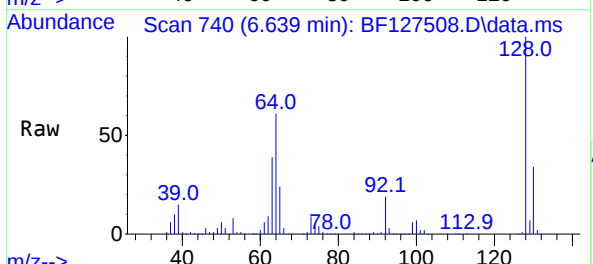
Tgt Ion: 99 Resp: 779840
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 36.5 29.6 44.4

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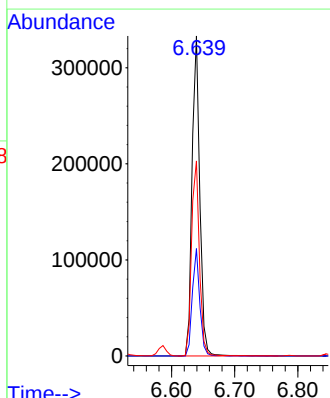
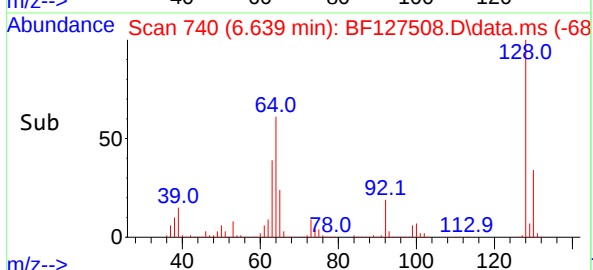
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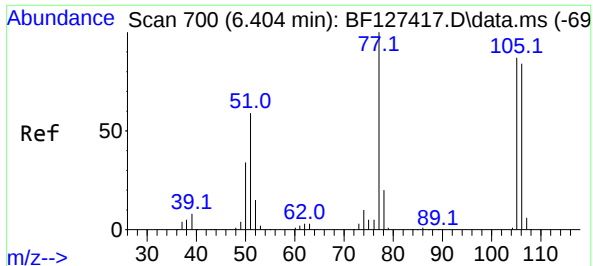


#8
2-Chlorophenol
Concen: 56.097 ng
RT: 6.639 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF127508.D
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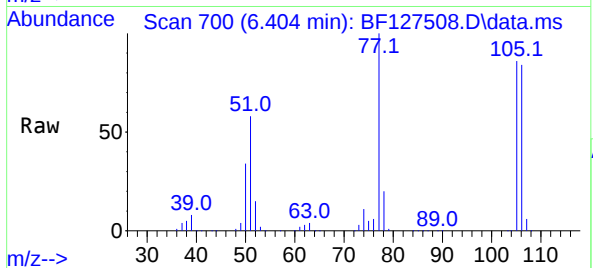
Tgt Ion:128 Resp: 284249
Ion Ratio Lower Upper
128 100
130 33.6 11.3 51.3
64 60.9 38.4 78.4





#9
Benzaldehyde
Concen: 52.905 ng
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

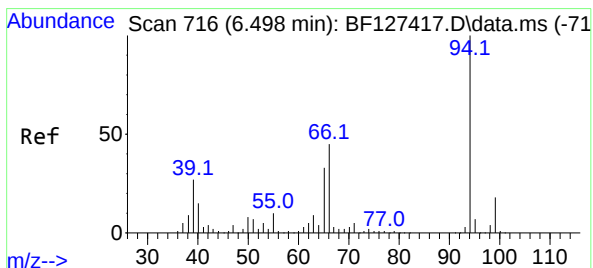
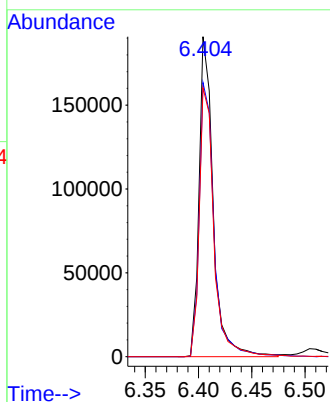
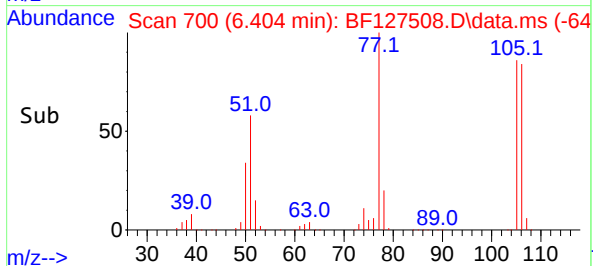
Instrument :
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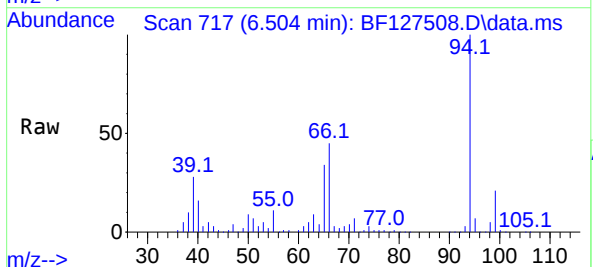
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Ion Ratio Lower Upper
77 100
105 85.6 66.8 106.8
106 84.0 64.3 104.3

Manual Integrations
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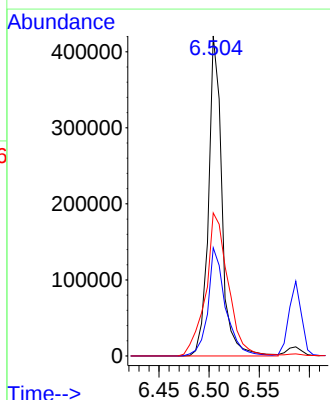
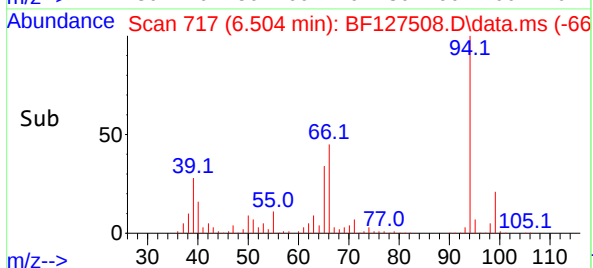
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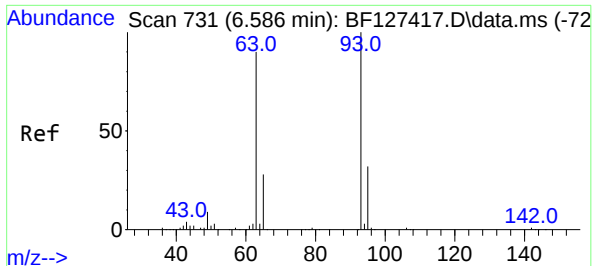


#10
Phenol
Concen: 53.264 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



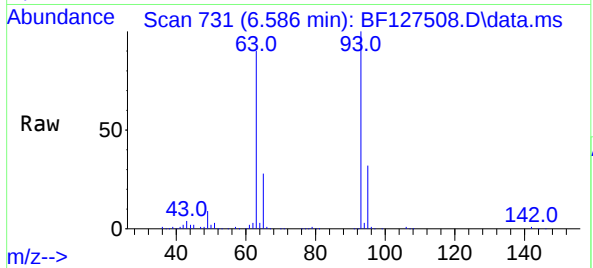
Tgt Ion: 94 Resp: 393158
Ion Ratio Lower Upper
94 100
65 33.8 13.1 53.1
66 44.7 24.9 64.9





#11
bis(2-Chloroethyl)ether
Concen: 56.226 ng
RT: 6.586 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

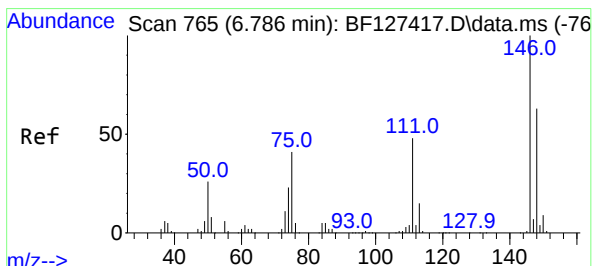
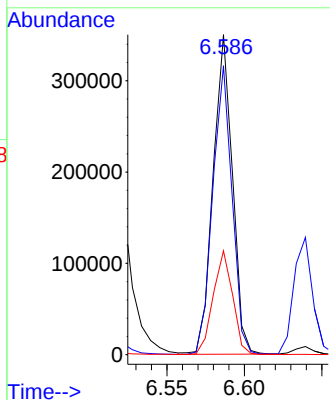
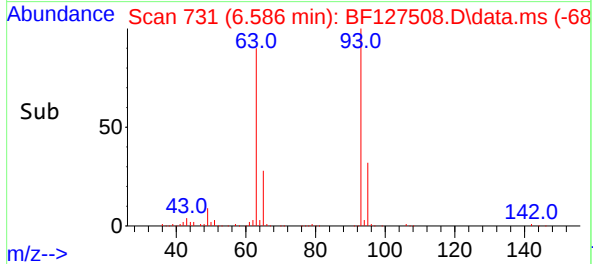
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



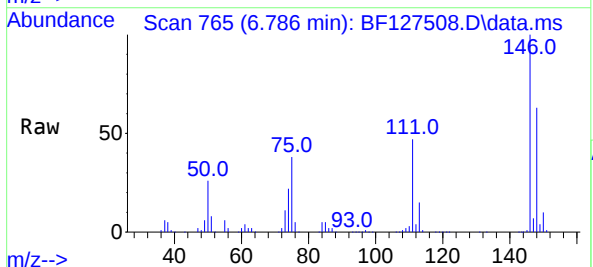
Tgt Ion: 93 Resp: 30368
Ion Ratio Lower Upper
93 100
63 90.3 69.6 109.6
95 32.5 11.6 51.6

Manual Integrations
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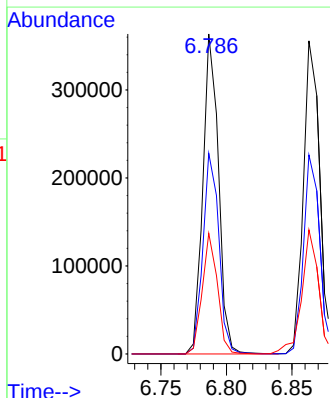
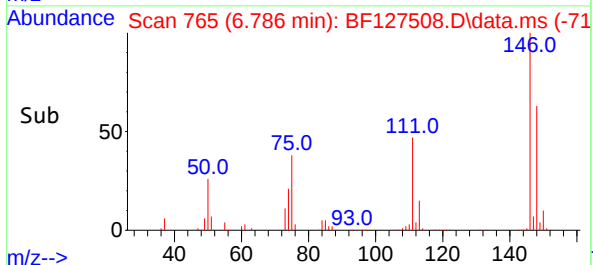
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

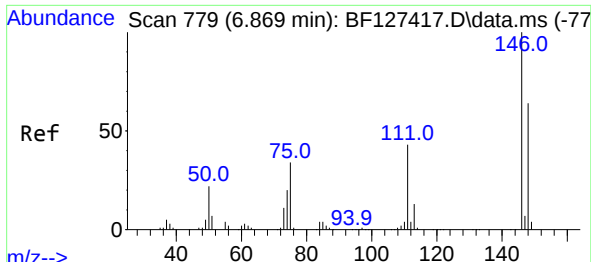


#12
1,3-Dichlorobenzene
Concen: 53.088 ng
RT: 6.786 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



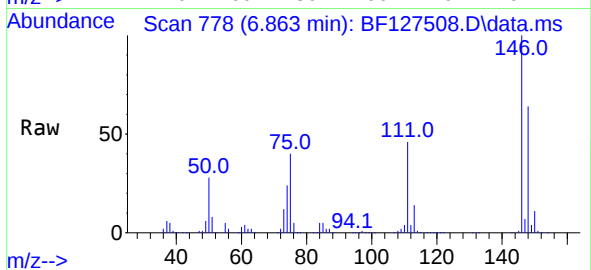
Tgt Ion:146 Resp: 302554
Ion Ratio Lower Upper
146 100
148 62.7 50.6 76.0
75 37.7 32.4 48.6





#13
1,4-Dichlorobenzene
Concen: 53.897 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

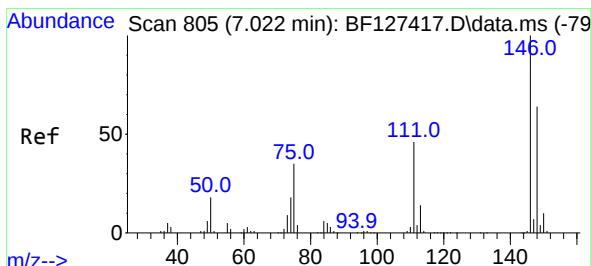
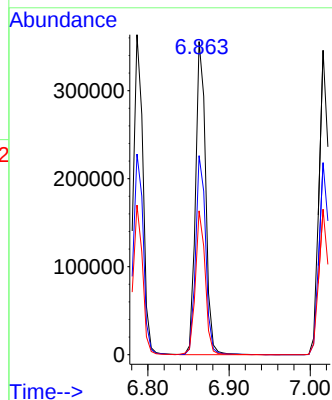
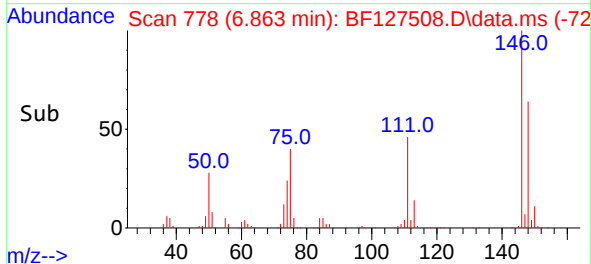
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



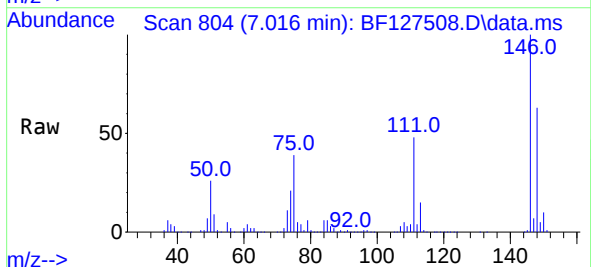
Tgt Ion:146 Resp: 308979
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 45.9 34.2 51.4

Manual Integrations
APPROVED

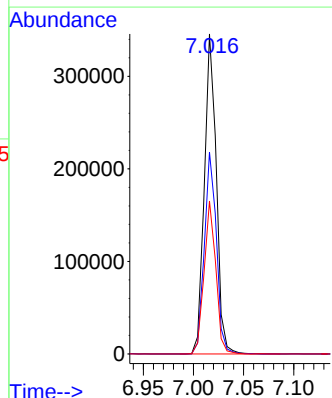
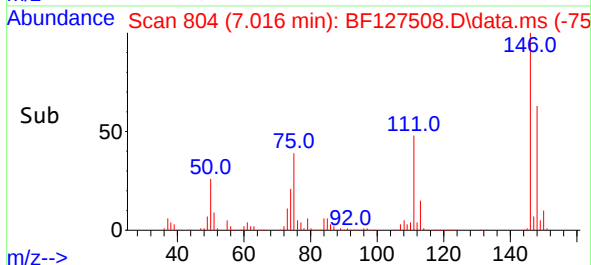
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

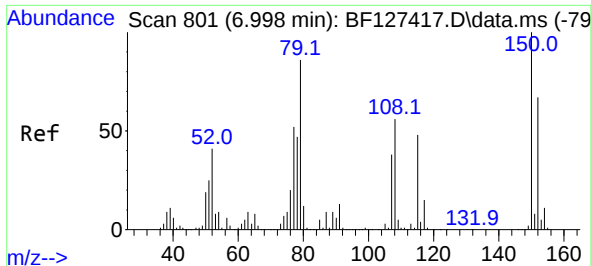


#14
1,2-Dichlorobenzene
Concen: 51.668 ng
RT: 7.016 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



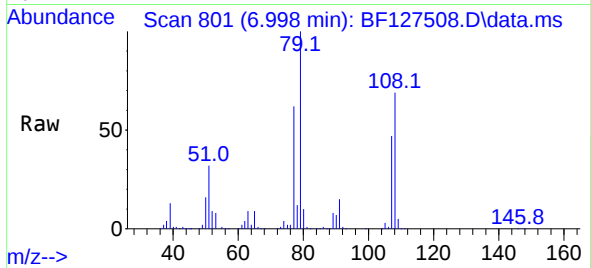
Tgt Ion:146 Resp: 288489
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 47.8 36.4 54.6





#15
Benzyl Alcohol
Concen: 58.292 ng
RT: 6.998 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

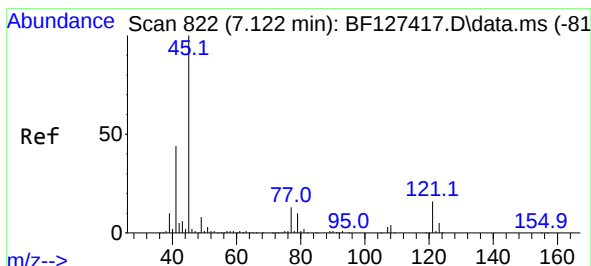
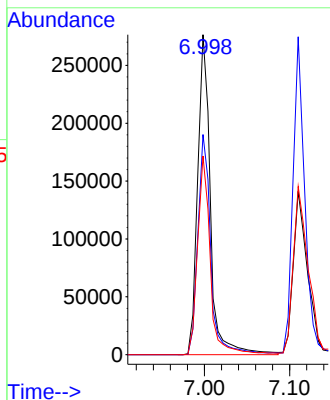
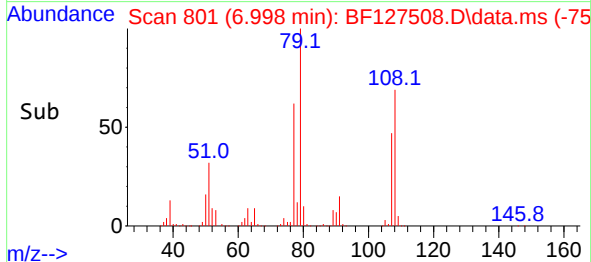
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



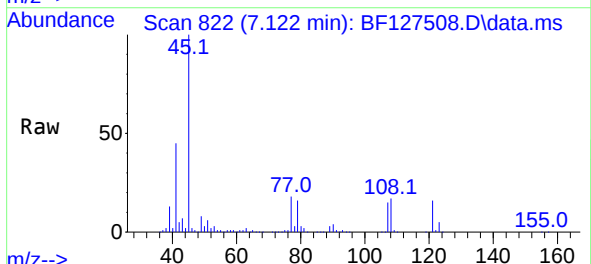
Tgt Ion: 79 Resp: 28713
Ion Ratio Lower Upper
79 100
108 68.8 52.2 78.2
77 62.1 48.3 72.5

Manual Integrations
APPROVED

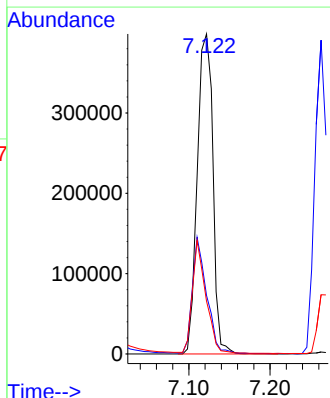
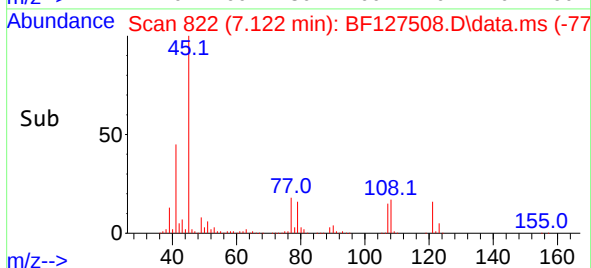
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

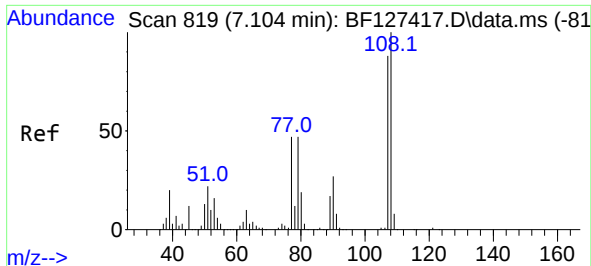


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.755 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



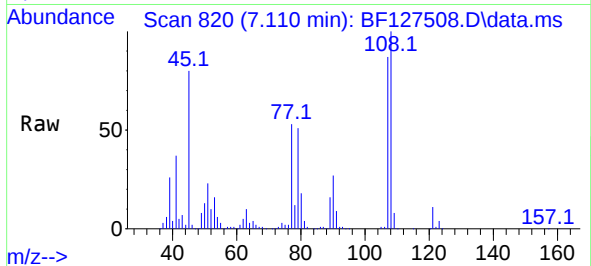
Tgt Ion: 45 Resp: 532167
Ion Ratio Lower Upper
45 100
77 18.3 0.0 32.9
79 16.5 0.0 29.9





#17
2-Methylphenol
Concen: 54.688 ng
RT: 7.110 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

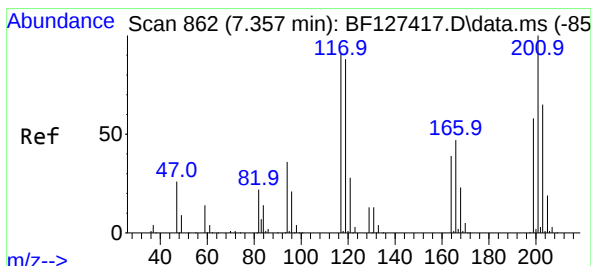
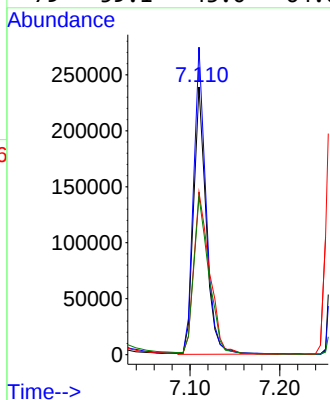
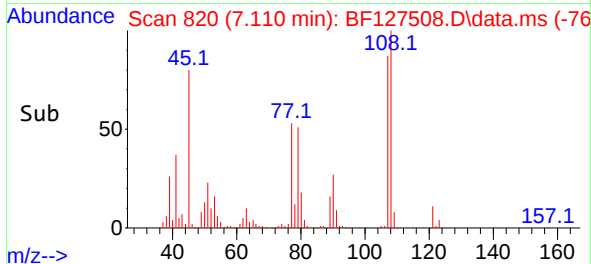
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



Tgt Ion:107 Resp: 233862
Ion Ratio Lower Upper
107 100
108 114.9 90.7 136.1
77 60.8 42.9 64.3
79 59.1 43.0 64.6

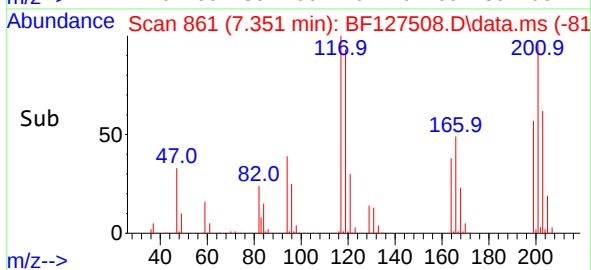
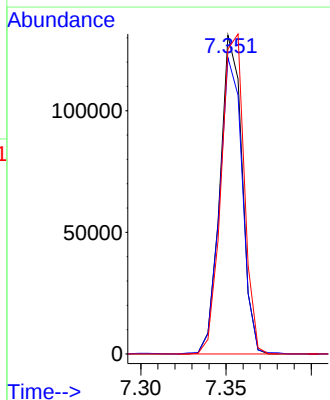
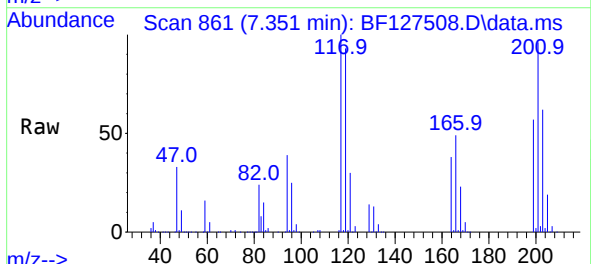
Manual Integrations
APPROVED

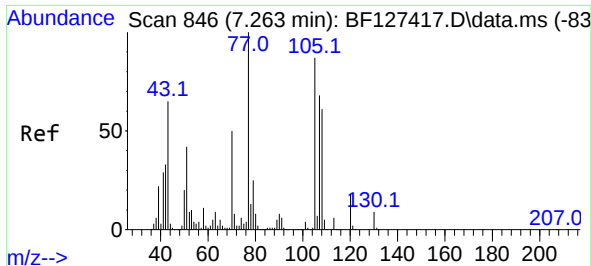
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#18
Hexachloroethane
Concen: 56.158 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

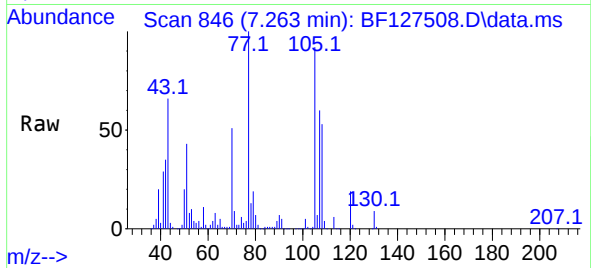
Tgt Ion:117 Resp: 117860
Ion Ratio Lower Upper
117 100
119 93.0 77.6 116.4
201 95.7 88.2 132.2





#19
n-Nitroso-di-n-propylamine
Concen: 55.707 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

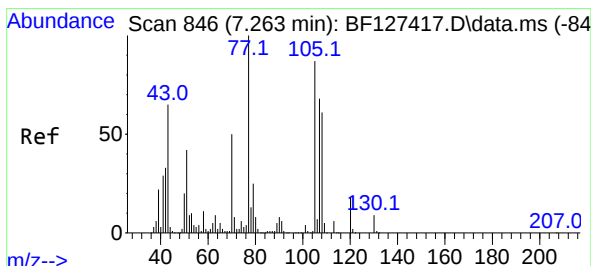
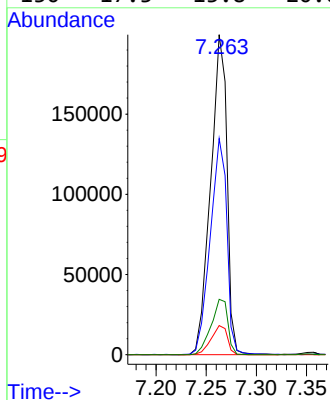
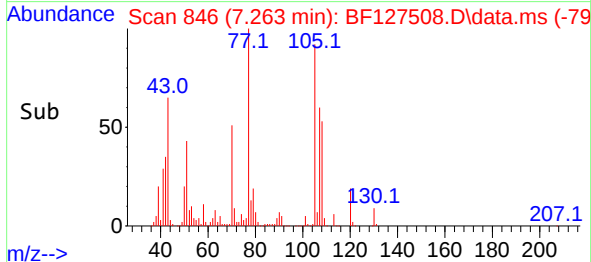
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



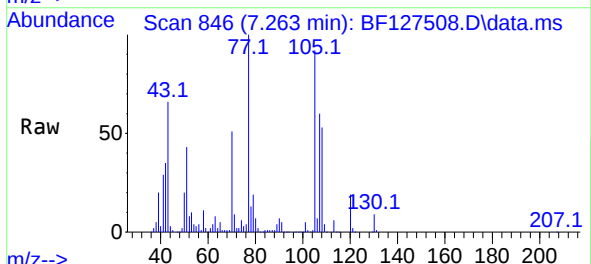
Tgt Ion: 70 Resp: 22632
Ion Ratio Lower Upper
70 100
42 67.6 53.0 79.6
101 9.1 6.8 10.2
130 17.3 13.8 20.6

Manual Integrations
APPROVED

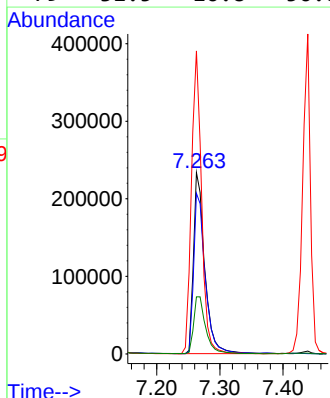
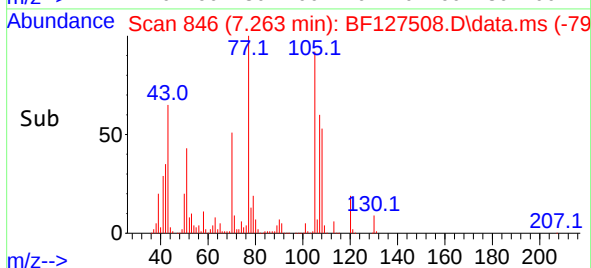
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

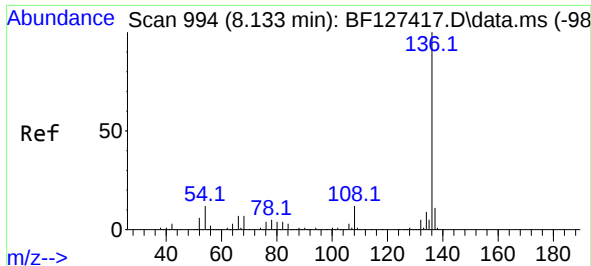


#20
3+4-Methylphenols
Concen: 54.493 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



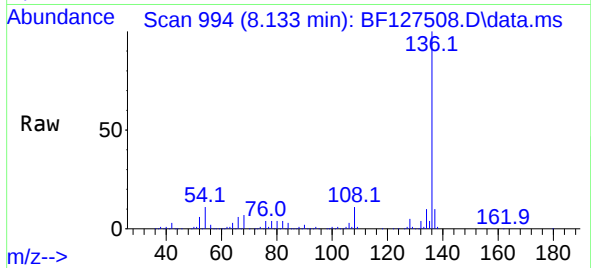
Tgt Ion:107 Resp: 287422
Ion Ratio Lower Upper
107 100
108 88.5 70.7 110.7
77 167.0 127.9 167.9
79 31.5 16.8 56.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

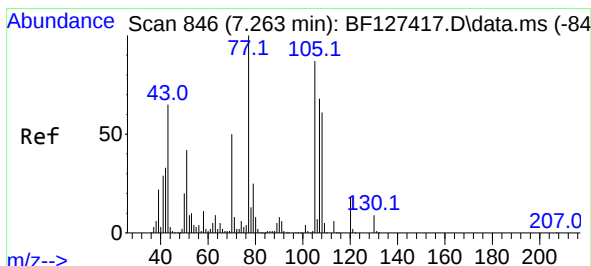
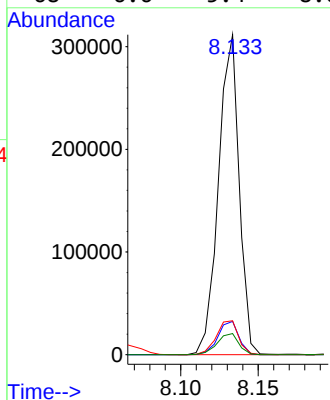
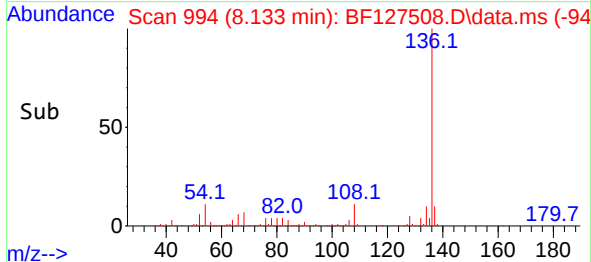
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



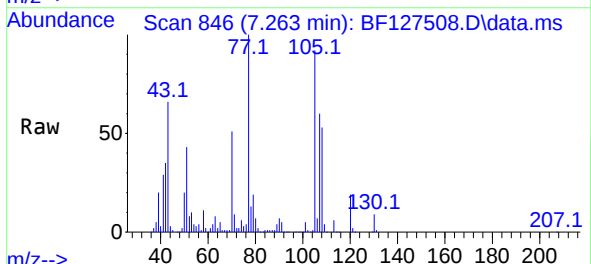
Tgt Ion:136 Resp: 288935
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.6 9.2 13.8
68 6.6 5.4 8.0

Manual Integrations
APPROVED

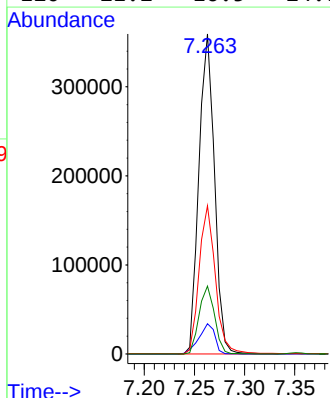
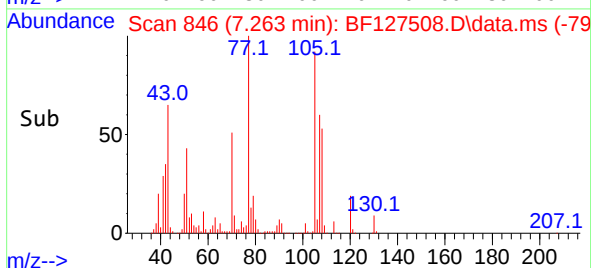
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

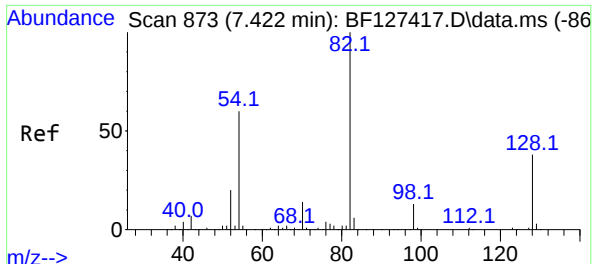


#22
Acetophenone
Concen: 52.753 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



Tgt Ion:105 Resp: 389625
Ion Ratio Lower Upper
105 100
71 9.4 7.3 10.9
51 46.3 38.8 58.2
120 21.2 16.5 24.7





#23

Nitrobenzene-d5

Concen: 78.419 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)MSD

Tgt Ion: 82 Resp: 530060

Ion Ratio Lower Upper

82 100

128 39.1 30.6 45.8

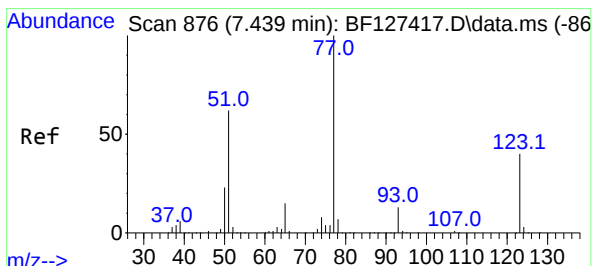
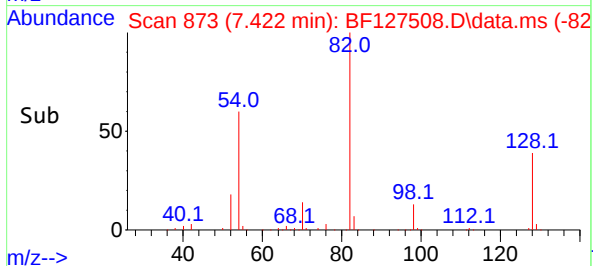
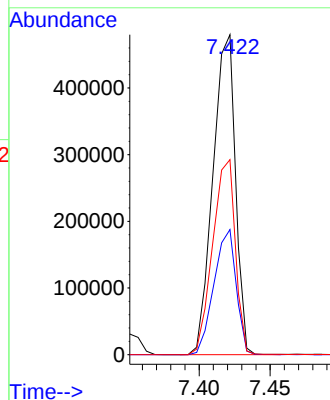
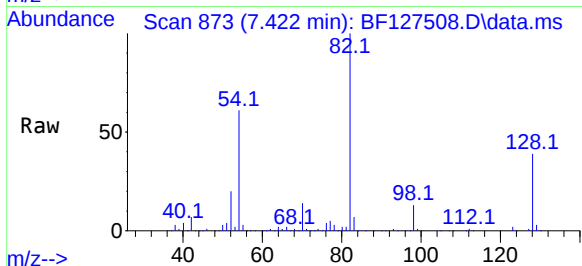
54 61.0 48.2 72.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/25/2022

Supervised By :Jagrut Upadhyay 03/25/2022



#24

Nitrobenzene

Concen: 54.643 ng

RT: 7.439 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

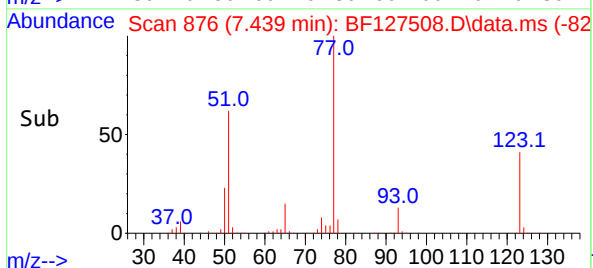
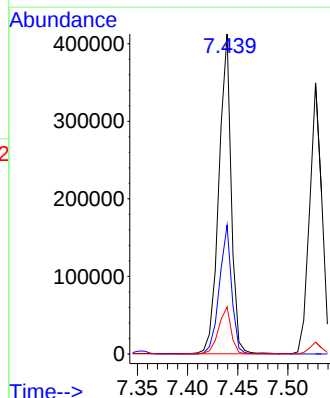
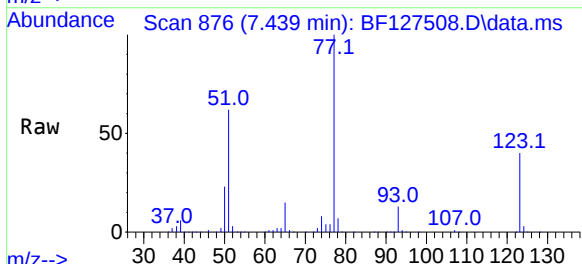
Tgt Ion: 77 Resp: 352245

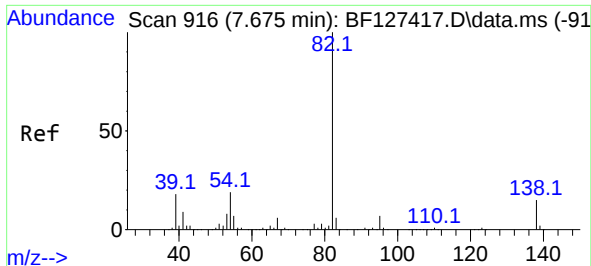
Ion Ratio Lower Upper

77 100

123 40.3 32.0 48.0

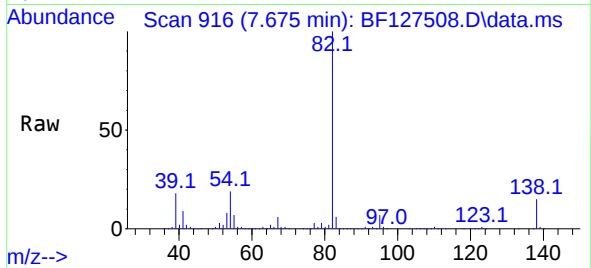
65 14.7 12.2 18.2





#25
Isophorone
Concen: 59.744 ng
RT: 7.675 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

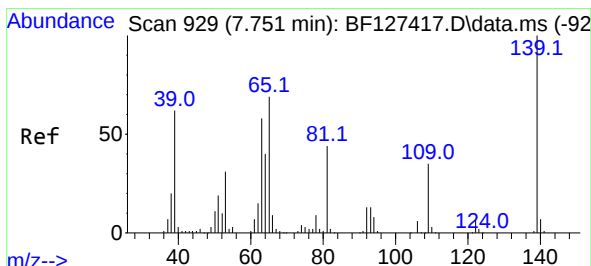
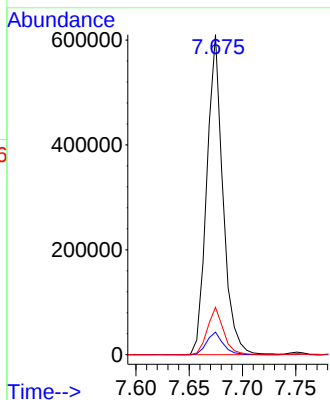
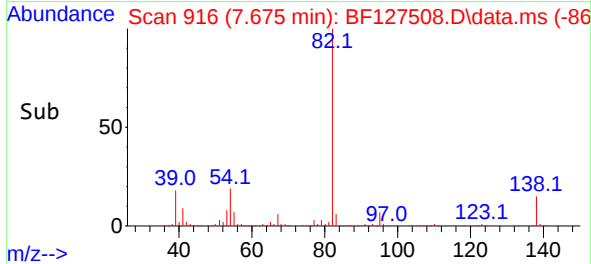
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



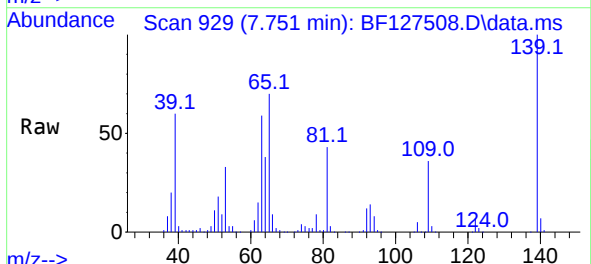
Tgt Ion: 82 Resp: 643190
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 14.8 11.6 17.4

Manual Integrations
APPROVED

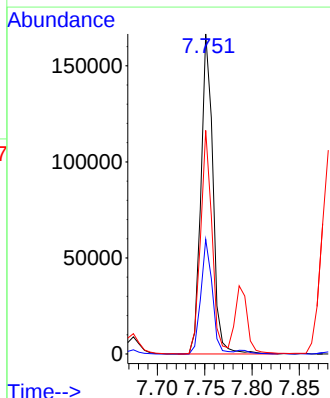
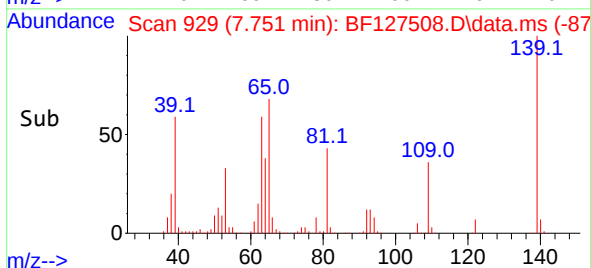
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

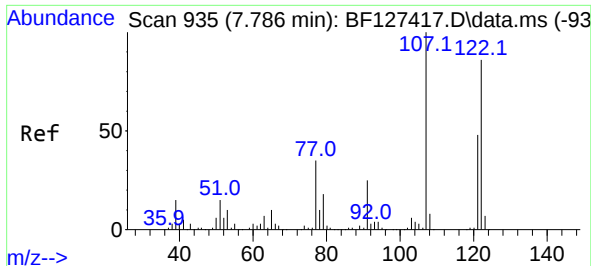


#26
2-Nitrophenol
Concen: 54.434 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



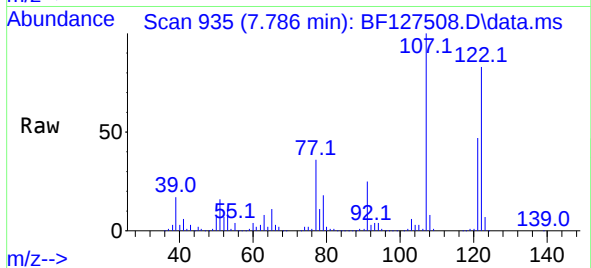
Tgt Ion:139 Resp: 147165
Ion Ratio Lower Upper
139 100
109 35.8 28.2 42.2
65 69.9 55.3 82.9





#27
2,4-Dimethylphenol
Concen: 62.340 ng
RT: 7.786 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

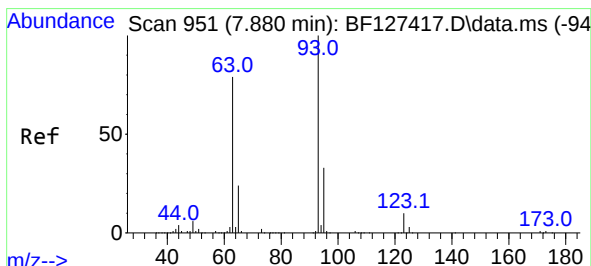
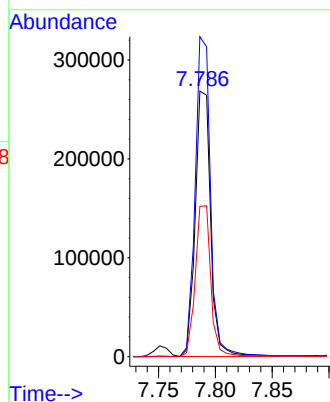
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



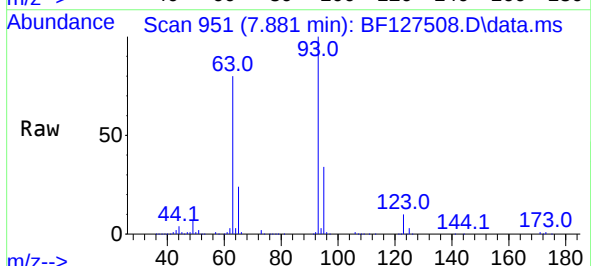
Tgt Ion:122 Resp: 253520
Ion Ratio Lower Upper
122 100
107 120.5 93.0 139.4
121 56.6 44.9 67.3

Manual Integrations
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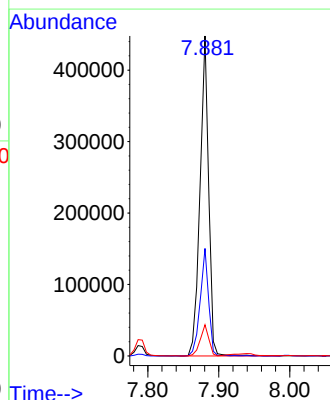
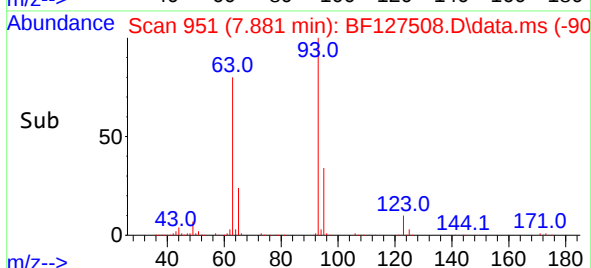
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

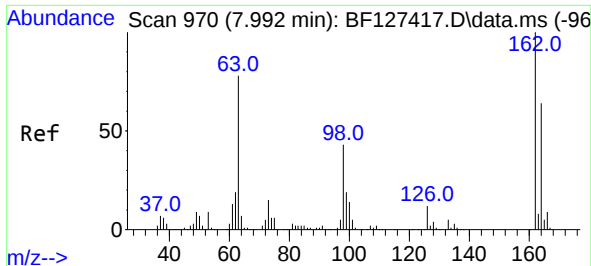


#28
bis(2-Chloroethoxy)methane
Concen: 54.497 ng
RT: 7.881 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



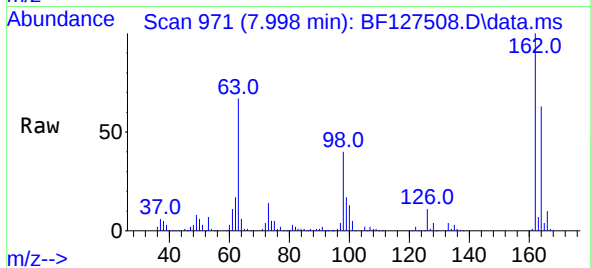
Tgt Ion: 93 Resp: 381121
Ion Ratio Lower Upper
93 100
95 33.6 26.3 39.5
123 9.8 8.0 12.0





#29
2,4-Dichlorophenol
Concen: 53.709 ng
RT: 7.998 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

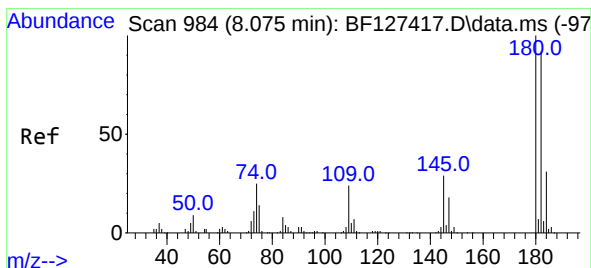
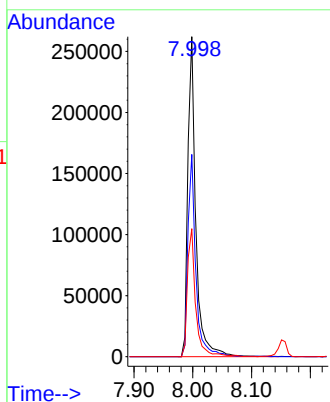
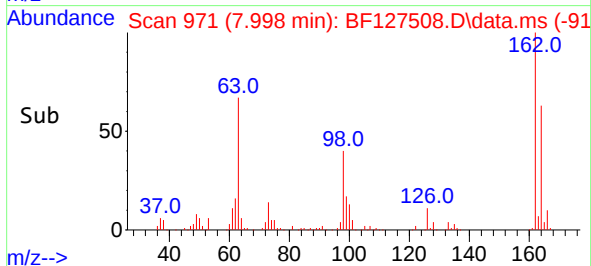
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



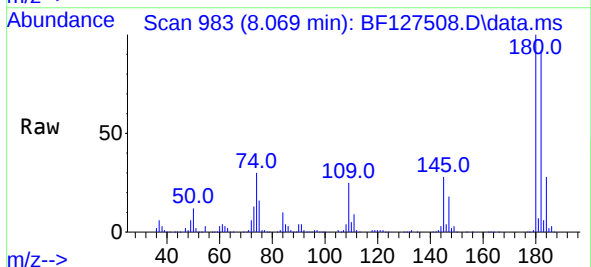
Tgt Ion:162 Resp: 24796
Ion Ratio Lower Upper
162 100
164 63.2 43.7 83.7
98 40.0 23.5 63.5

Manual Integrations
APPROVED

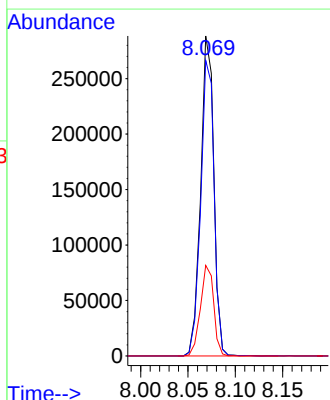
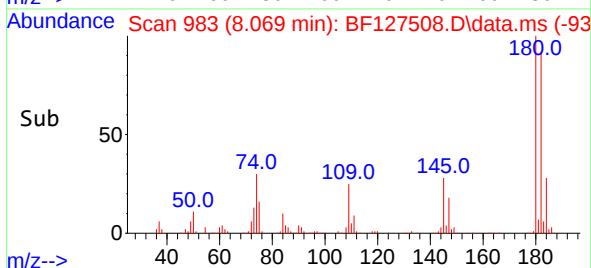
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

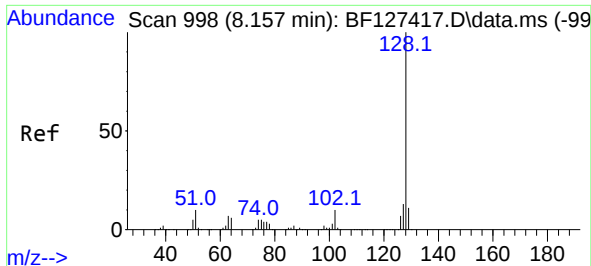


#30
1,2,4-Trichlorobenzene
Concen: 51.829 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



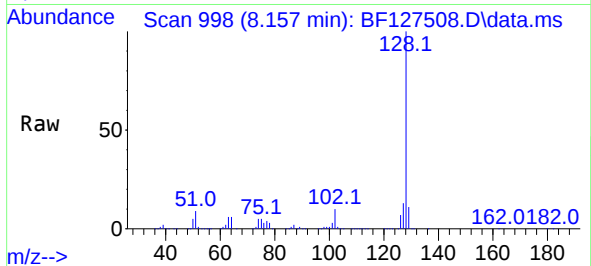
Tgt Ion:180 Resp: 278833
Ion Ratio Lower Upper
180 100
182 92.3 73.8 110.6
145 28.3 23.3 34.9





#31
Naphthalene
Concen: 52.952 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

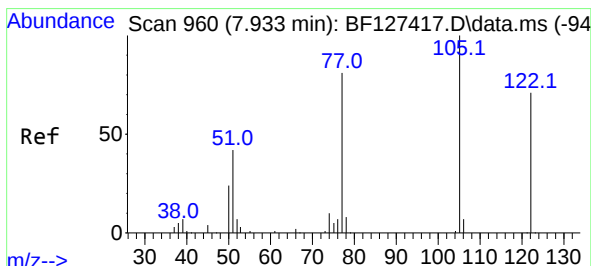
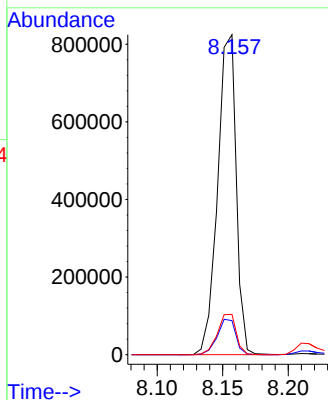
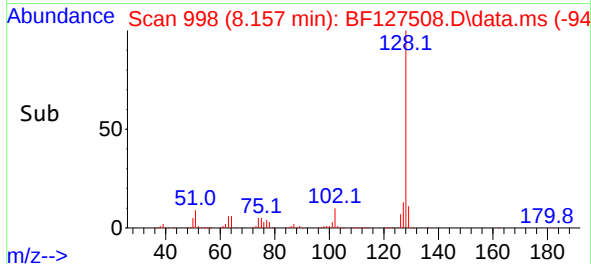
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



Tgt Ion:128 Resp: 812284
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.6 10.2 15.2

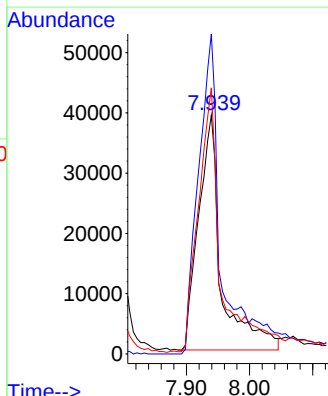
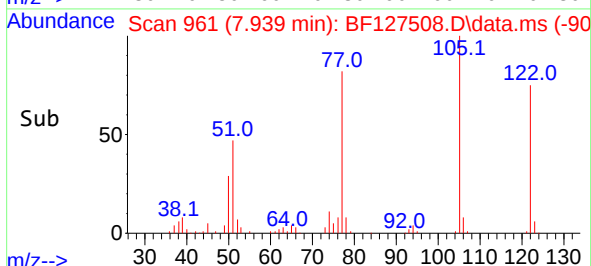
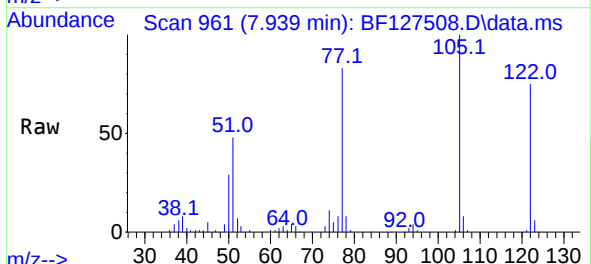
Manual Integrations
APPROVED

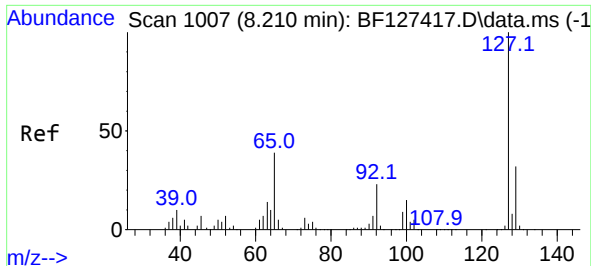
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#32
Benzoic acid
Concen: 42.547 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

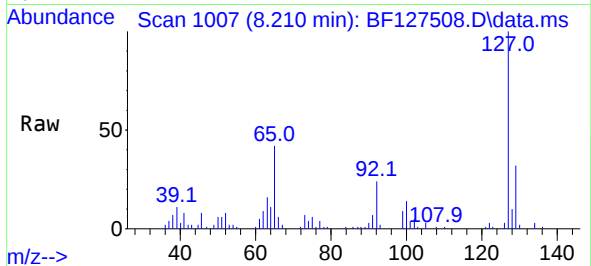
Tgt Ion:122 Resp: 97608
Ion Ratio Lower Upper
122 100
105 134.0 117.1 157.1
77 111.5 93.0 133.0





#33
4-Chloroaniline
Concen: 7.676 ng
RT: 8.210 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

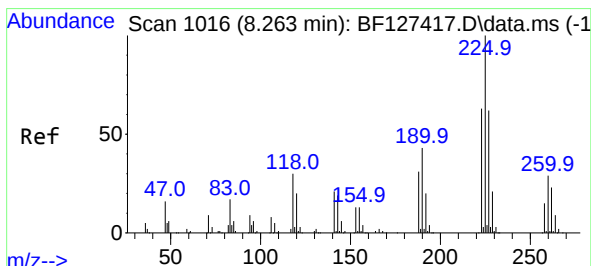
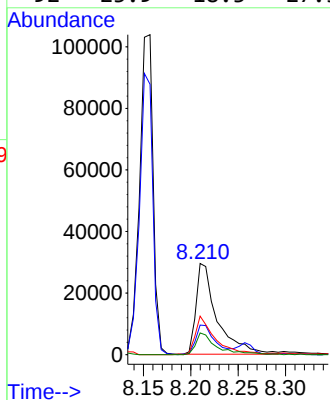
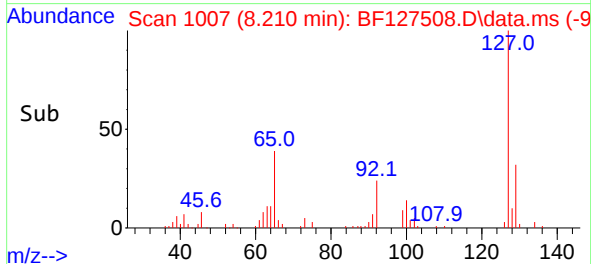
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



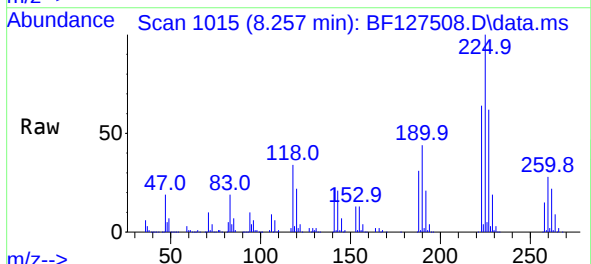
Tgt Ion:127 Resp: 4562
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 42.2 31.4 47.0
92 23.9 18.3 27.5

Manual Integrations
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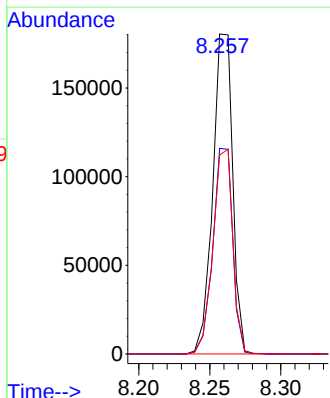
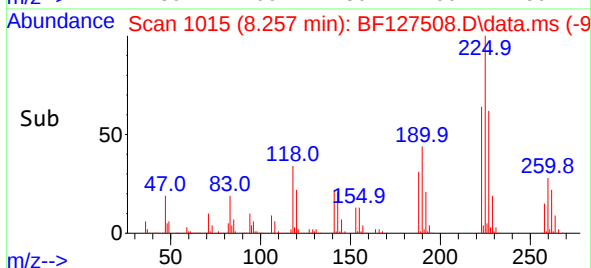
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

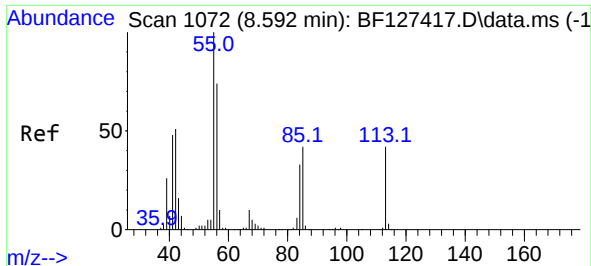


#34
Hexachlorobutadiene
Concen: 51.391 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



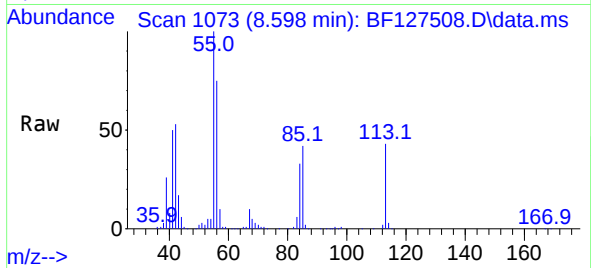
Tgt Ion:225 Resp: 175565
Ion Ratio Lower Upper
225 100
223 64.3 50.6 76.0
227 62.1 49.6 74.4





#35
Caprolactam
Concen: 49.685 ng m
RT: 8.598 min Scan# 1072
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

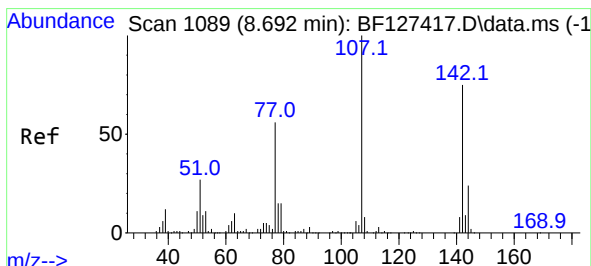
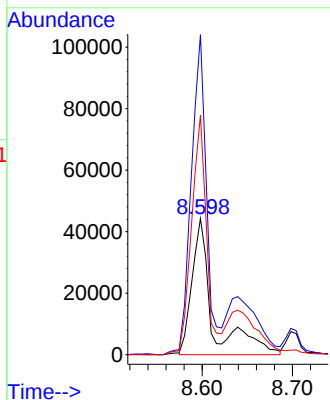
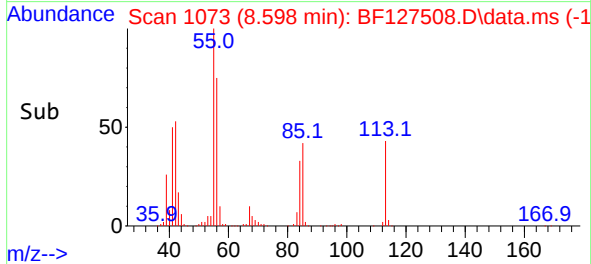
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



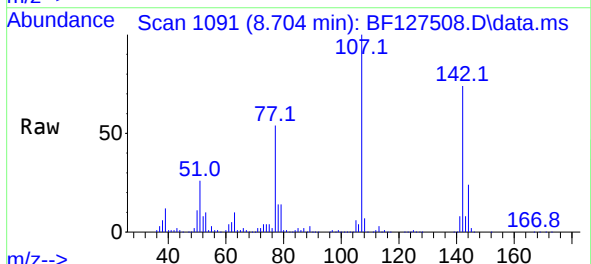
Tgt Ion:113 Resp: 70710
Ion Ratio Lower Upper
113 100
55 234.9 218.7 258.7
56 175.7 156.2 196.2

Manual Integrations
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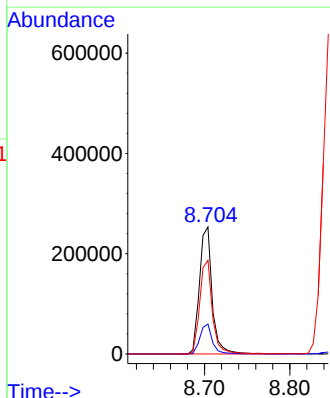
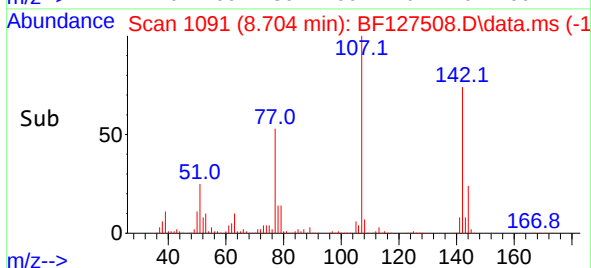
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

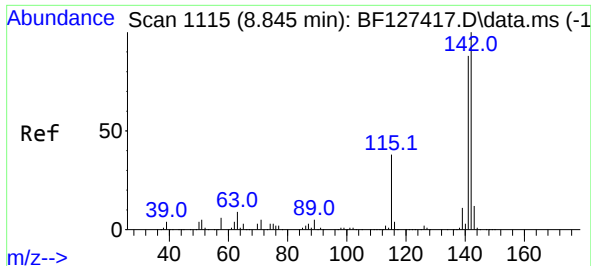


#36
4-Chloro-3-methylphenol
Concen: 52.457 ng
RT: 8.704 min Scan# 1091
Delta R.T. 0.012 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



Tgt Ion:107 Resp: 262761
Ion Ratio Lower Upper
107 100
144 23.5 19.3 28.9
142 73.8 59.8 89.8





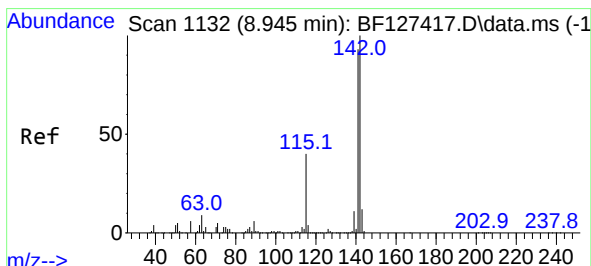
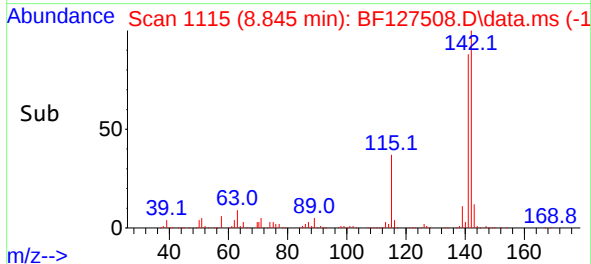
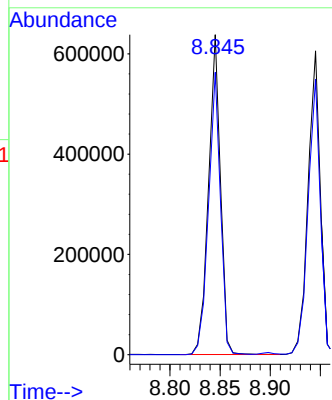
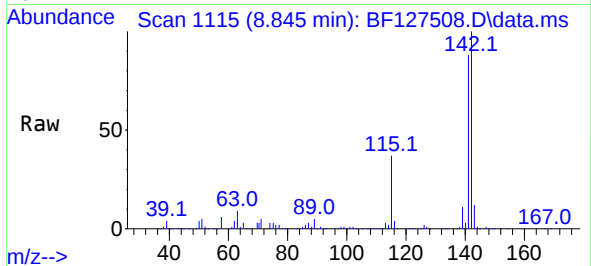
#37
2-Methylnaphthalene
Concen: 53.820 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD

Tgt Ion:142 Resp: 530869
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0

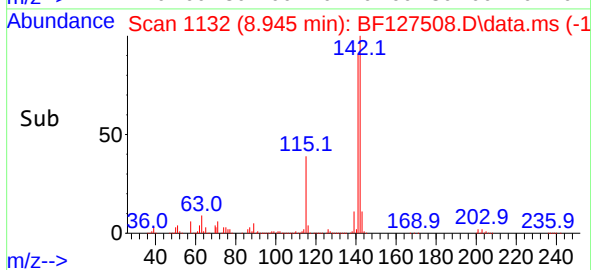
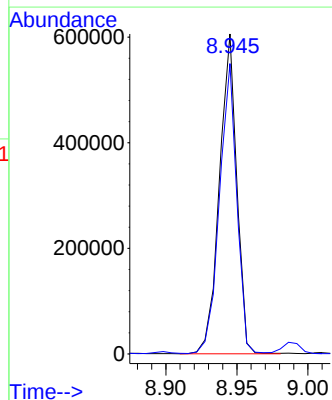
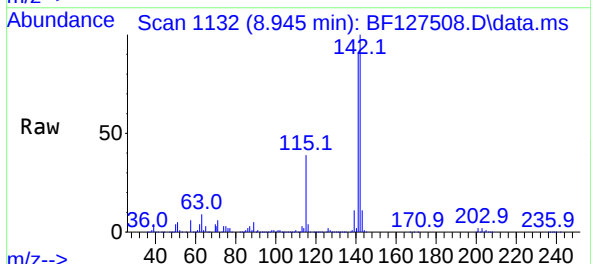
Manual Integrations
APPROVED

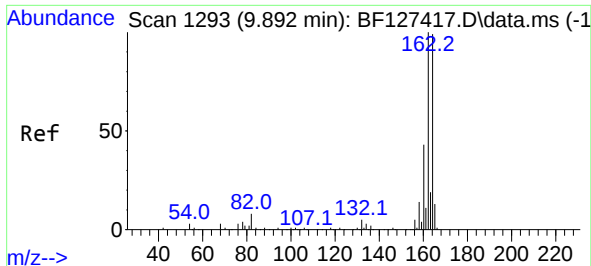
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#38
1-Methylnaphthalene
Concen: 52.542 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Tgt Ion:142 Resp: 512473
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)MSD

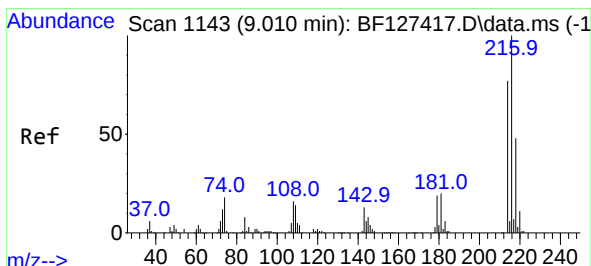
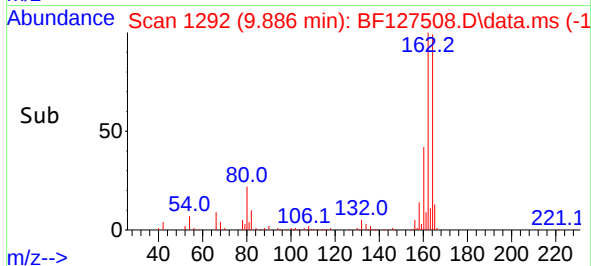
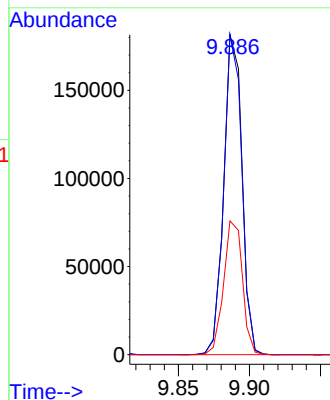
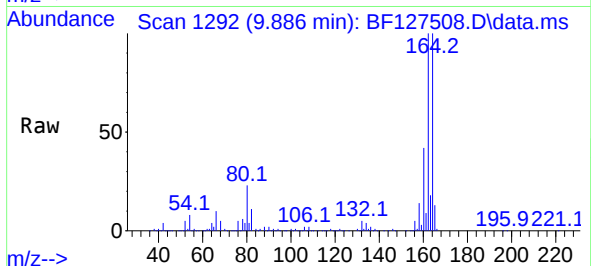
Tgt Ion:164 Resp: 16159
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.2 121.8
 160 41.8 34.6 52.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/25/2022

Supervised By :Jagrut Upadhyay 03/25/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.828 ng

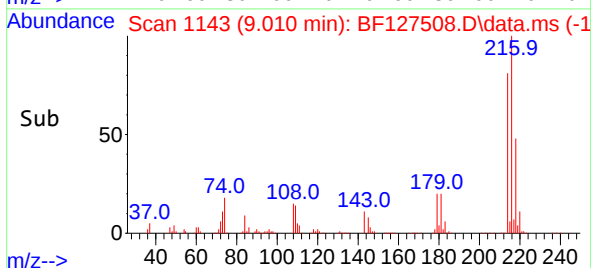
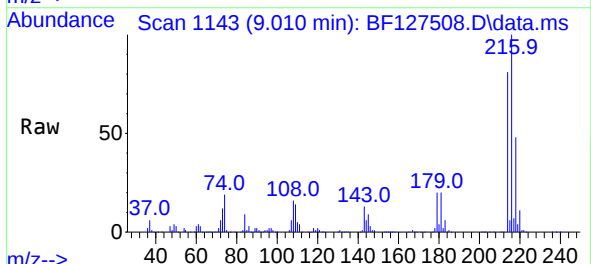
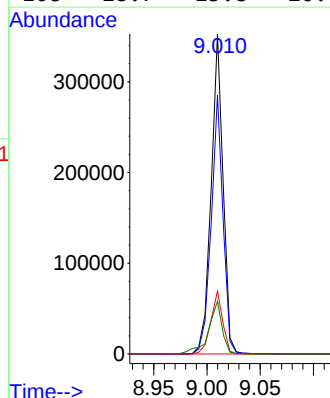
RT: 9.010 min Scan# 1143

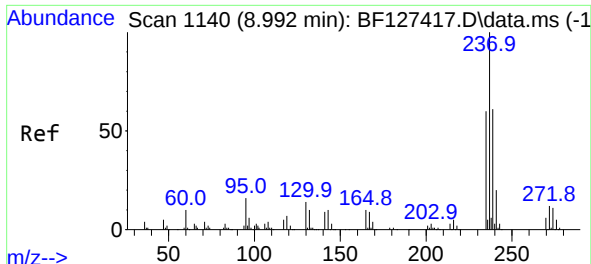
Delta R.T. 0.000 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

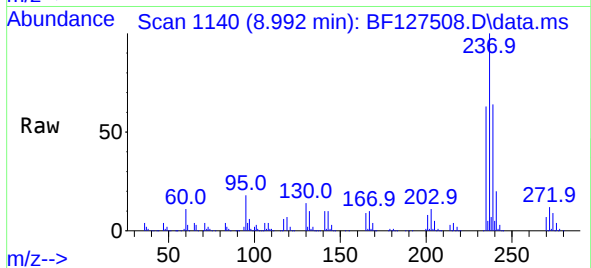
Tgt Ion:216 Resp: 276565
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.0 94.4
 179 19.5 15.5 23.3
 108 18.7 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 88.939 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

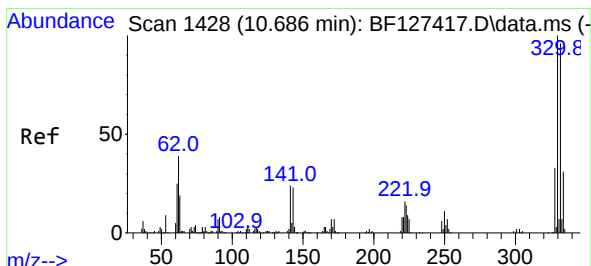
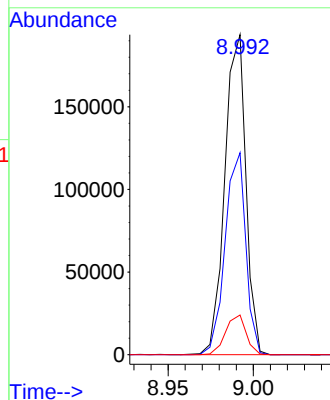
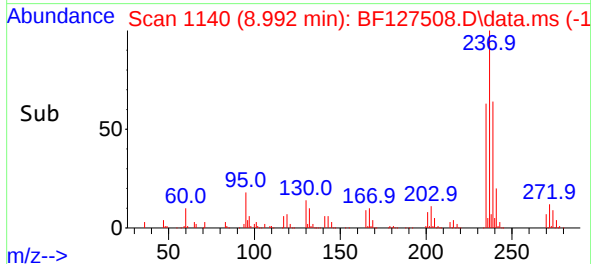
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



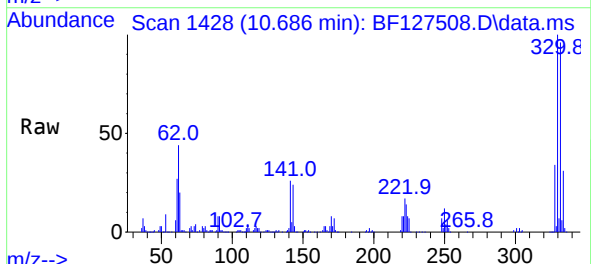
Tgt Ion:237 Resp: 166815
Ion Ratio Lower Upper
237 100
235 63.1 40.4 80.4
272 12.4 0.0 31.8

Manual Integrations
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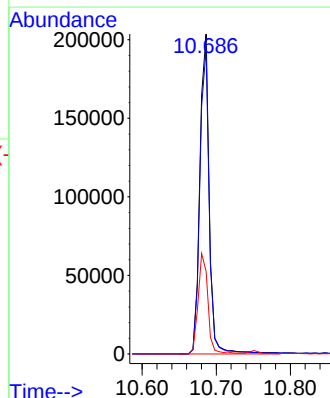
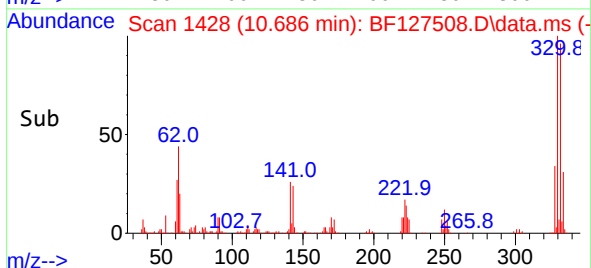
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

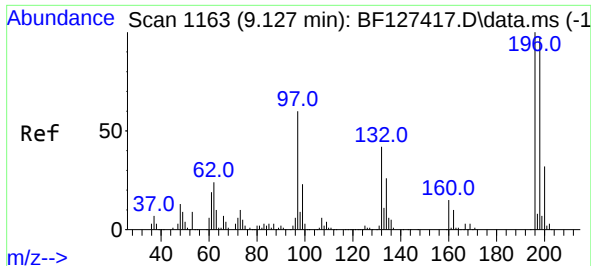


#42
2,4,6-Tribromophenol
Concen: 104.411 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



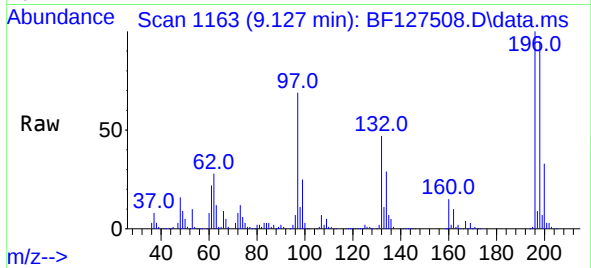
Tgt Ion:330 Resp: 179730
Ion Ratio Lower Upper
330 100
332 95.0 79.1 118.7
141 32.4 26.2 39.4





#43
2,4,6-Trichlorophenol
Concen: 53.188 ng
RT: 9.127 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

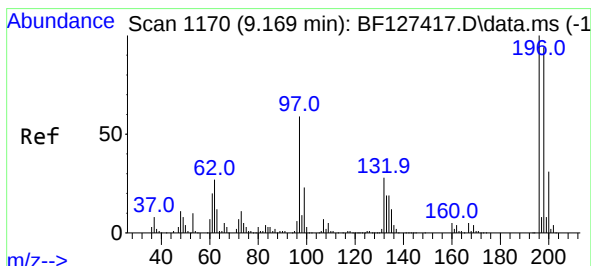
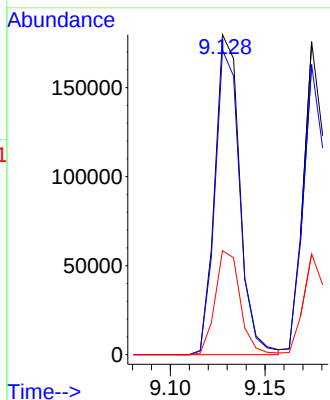
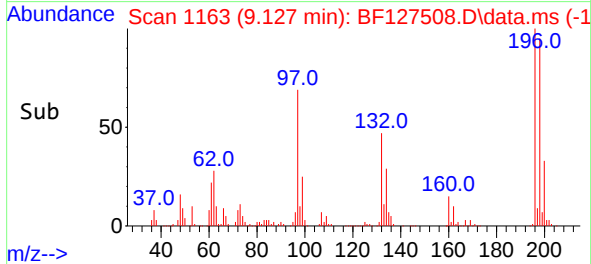
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



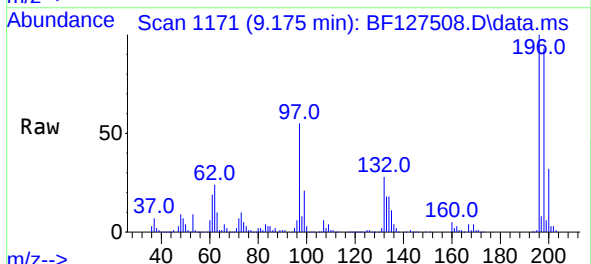
Tgt Ion:196 Resp: 165189
Ion Ratio Lower Upper
196 100
198 95.2 77.8 116.6
200 32.5 25.9 38.9

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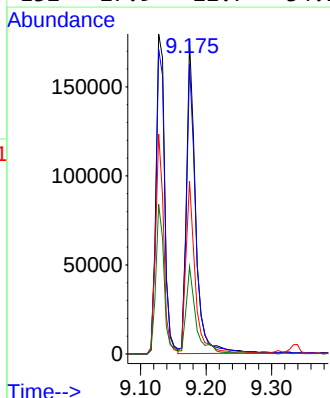
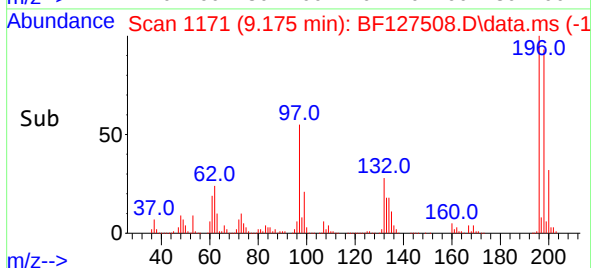
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

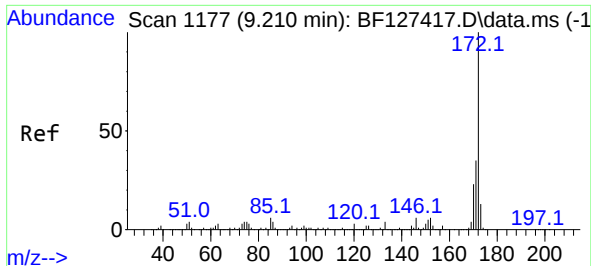


#44
2,4,5-Trichlorophenol
Concen: 53.230 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



Tgt Ion:196 Resp: 170178
Ion Ratio Lower Upper
196 100
198 92.7 75.3 112.9
97 55.2 46.8 70.2
132 27.9 22.7 34.1





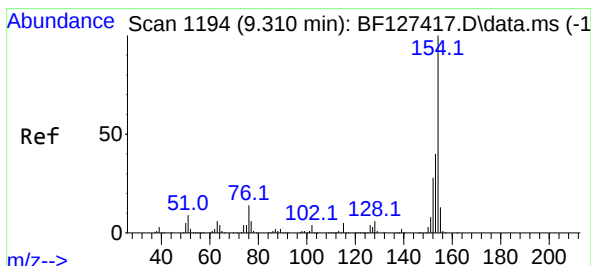
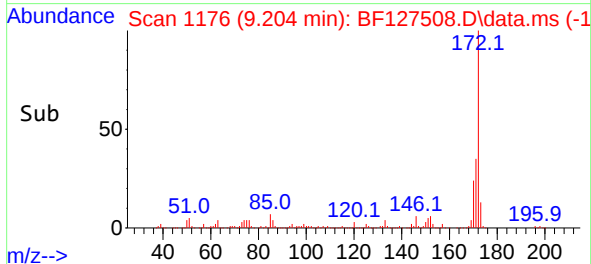
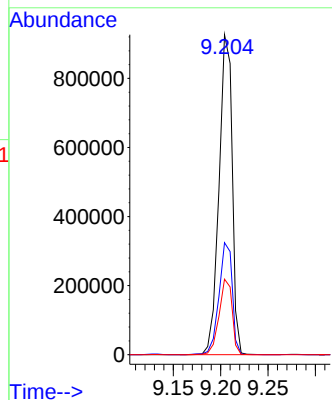
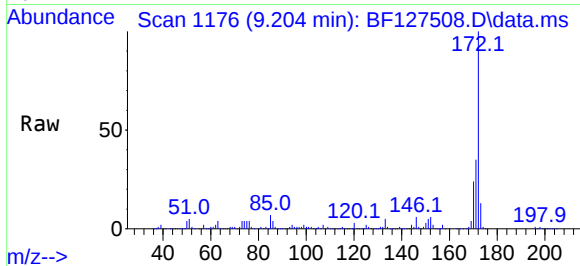
#45
2-Fluorobiphenyl
Concen: 80.983 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD

Tgt Ion:172 Resp: 896178
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 18.6 27.8

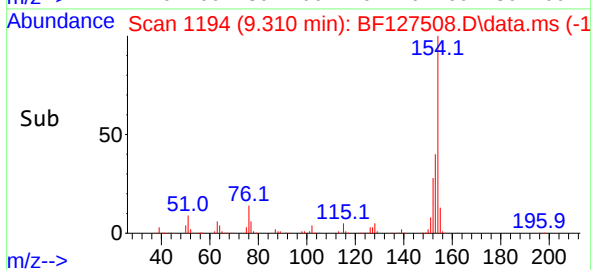
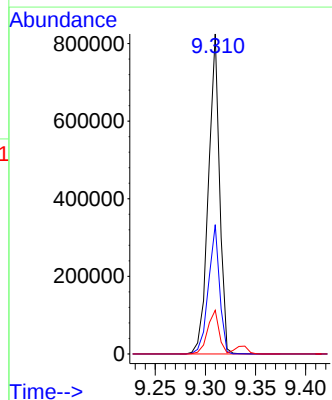
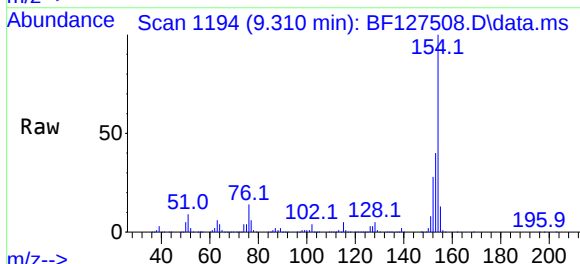
Manual Integrations
APPROVED

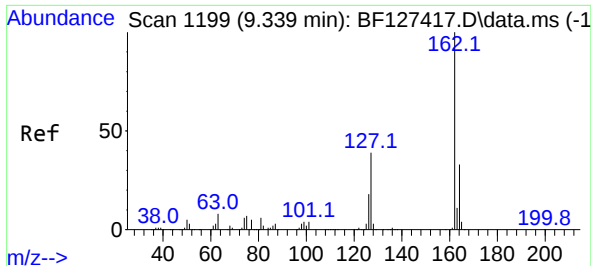
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#46
1,1'-Biphenyl
Concen: 52.592 ng
RT: 9.310 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

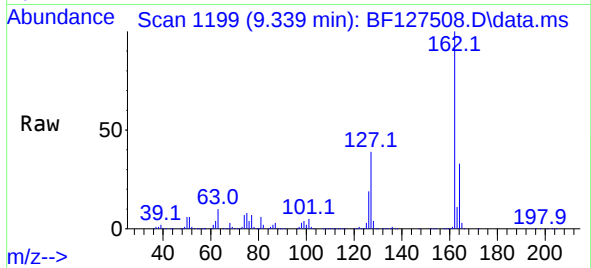
Tgt Ion:154 Resp: 641854
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.6 0.0 33.9





#47
2-Chloronaphthalene
Concen: 53.015 ng
RT: 9.339 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

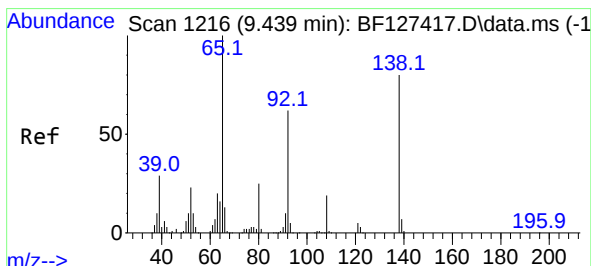
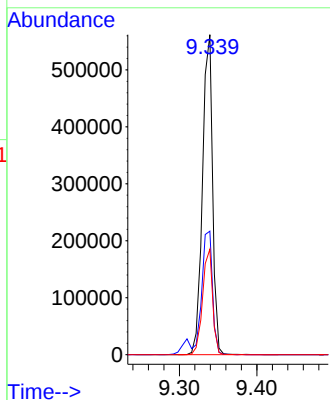
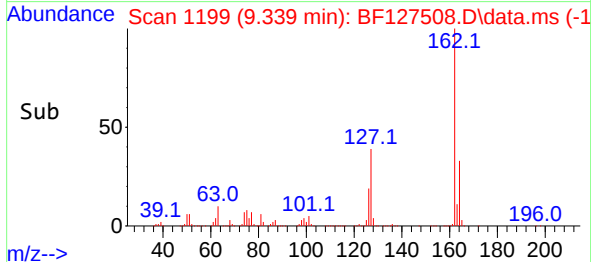
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



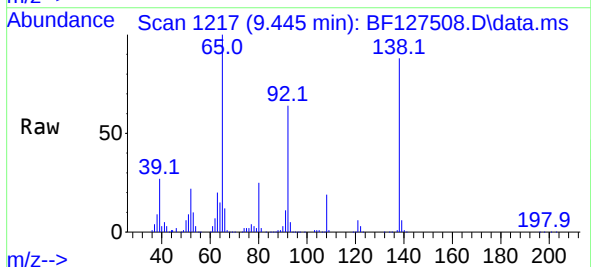
Tgt Ion:162 Resp: 509512
Ion Ratio Lower Upper
162 100
127 38.6 31.8 47.6
164 32.9 26.4 39.6

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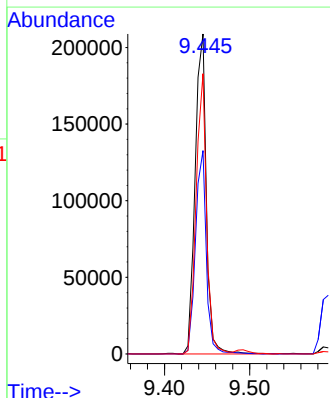
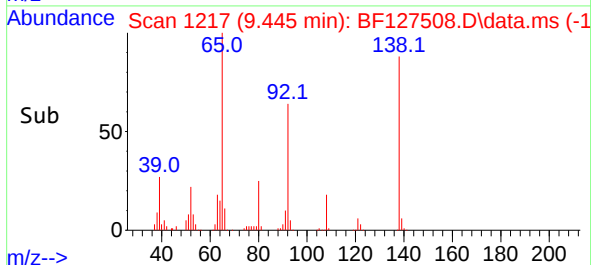
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

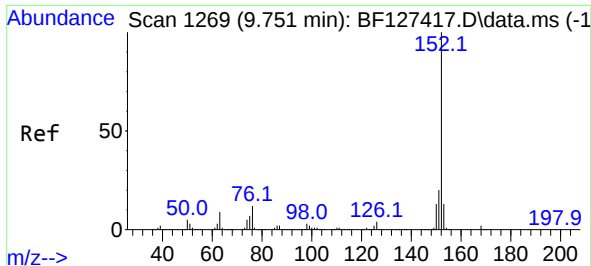


#48
2-Nitroaniline
Concen: 51.891 ng
RT: 9.445 min Scan# 1217
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



Tgt Ion: 65 Resp: 191133
Ion Ratio Lower Upper
65 100
92 63.5 50.0 75.0
138 87.6 64.1 96.1





#49

Acenaphthylene

Concen: 55.230 ng

RT: 9.751 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)MSD

Tgt Ion:152 Resp: 802452

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

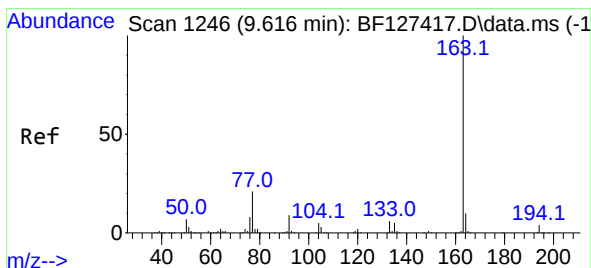
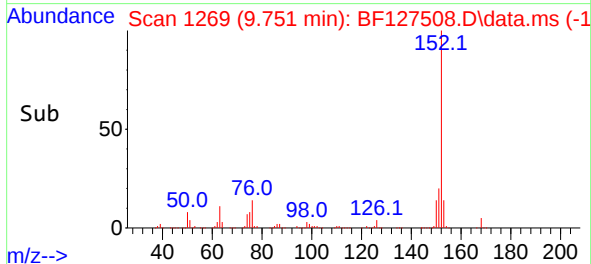
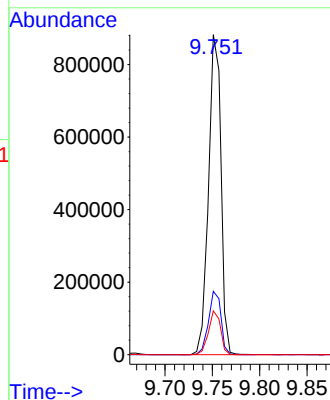
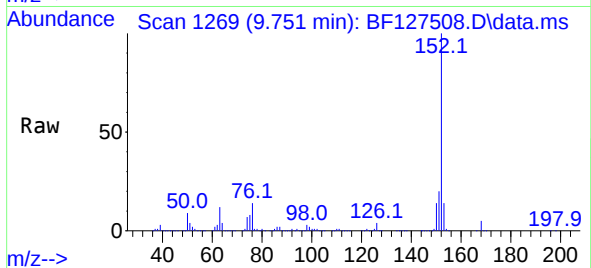
153 13.7 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/25/2022

Supervised By :Jagrut Upadhyay 03/25/2022



#50

Dimethylphthalate

Concen: 52.719 ng

RT: 9.616 min Scan# 1246

Delta R.T. 0.000 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

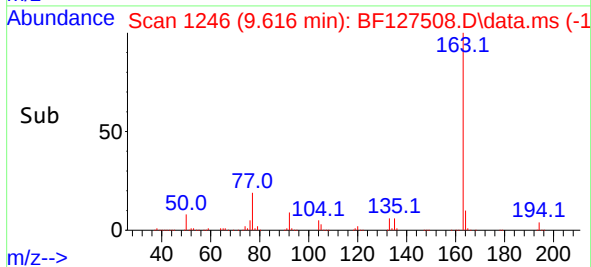
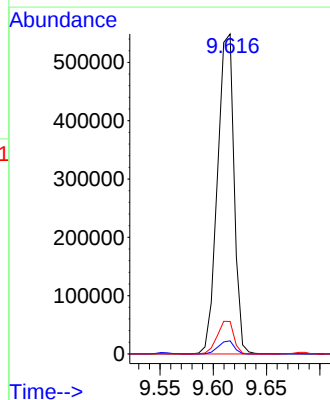
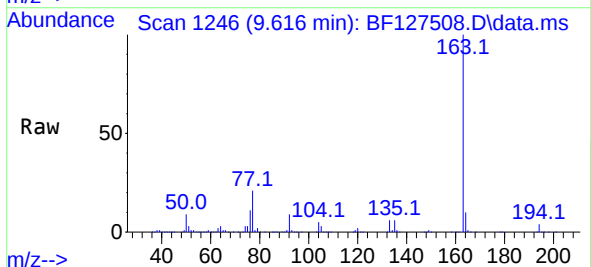
Tgt Ion:163 Resp: 592650

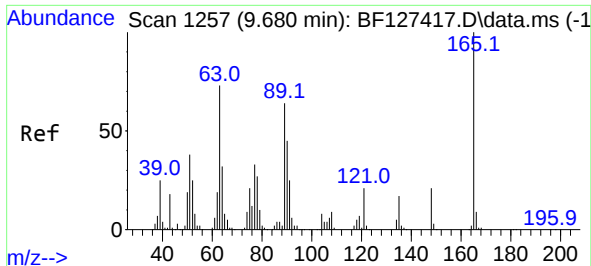
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

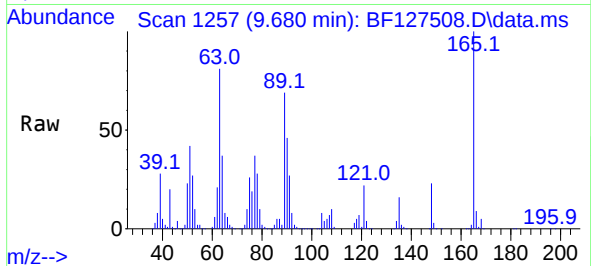
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 54.002 ng
RT: 9.680 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

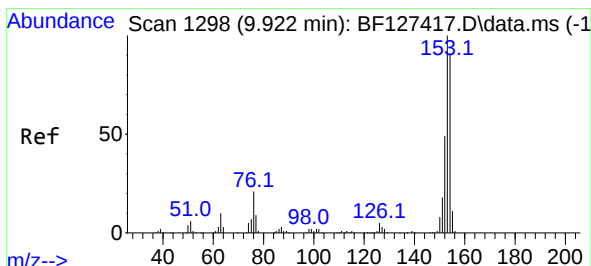
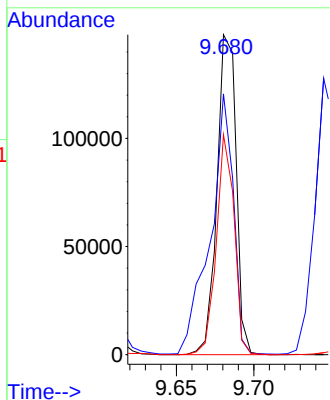
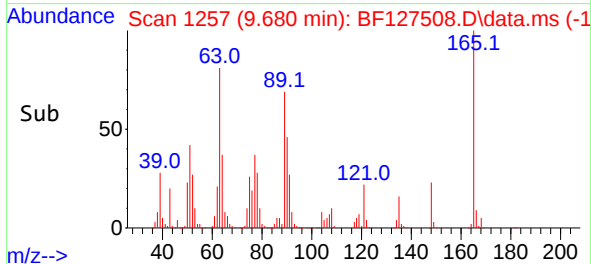
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



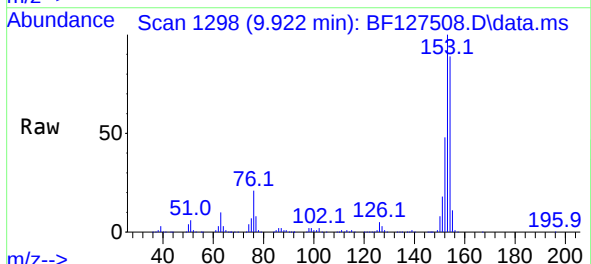
Tgt Ion:165 Resp: 127434
Ion Ratio Lower Upper
165 100
63 81.5 58.3 87.5
89 68.8 51.5 77.3

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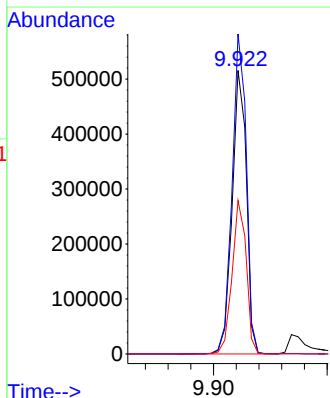
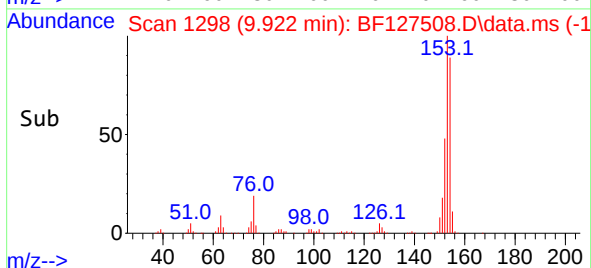
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

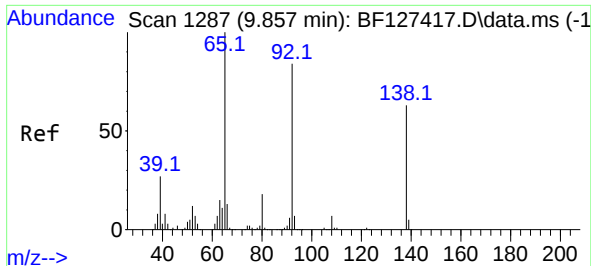


#52
Acenaphthene
Concen: 52.963 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



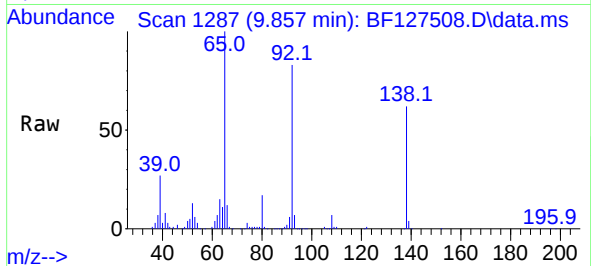
Tgt Ion:154 Resp: 448974
Ion Ratio Lower Upper
154 100
153 112.9 87.6 131.4
152 54.2 42.9 64.3





#53
3-Nitroaniline
Concen: 17.929 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

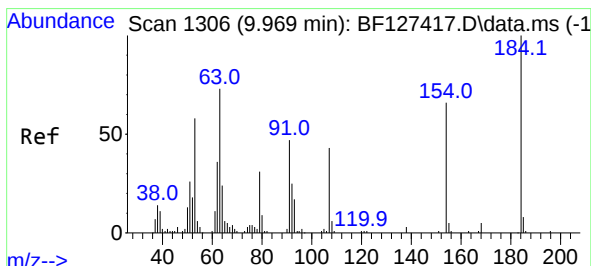
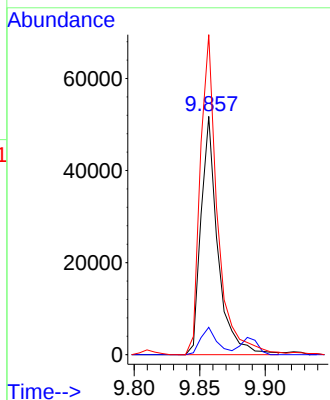
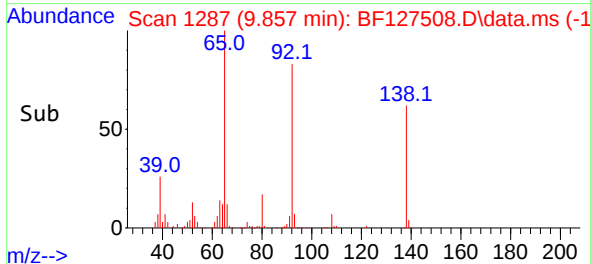
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



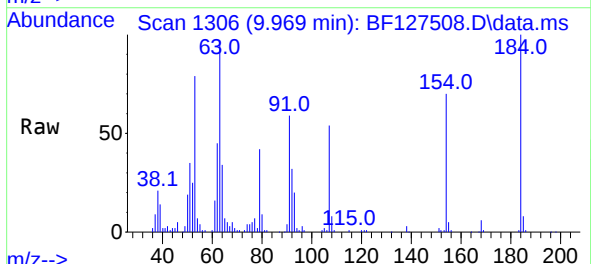
Tgt Ion:138 Resp: 4641
Ion Ratio Lower Upper
138 100
108 11.5 9.4 14.0
92 134.3 106.1 159.1

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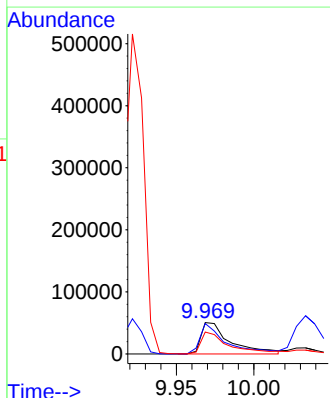
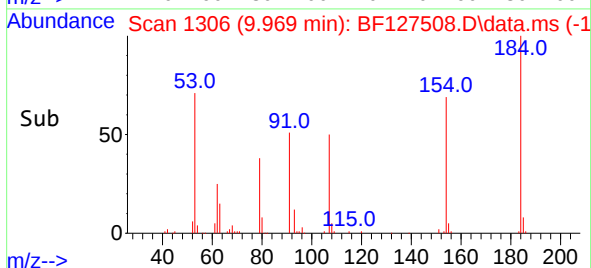
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

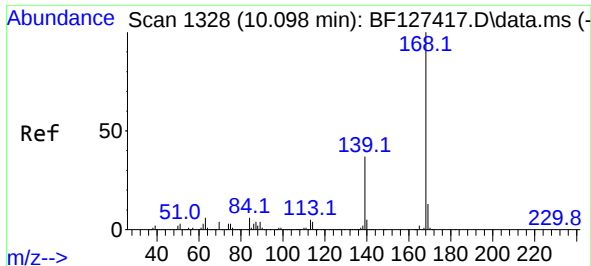


#54
2,4-Dinitrophenol
Concen: 58.454 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



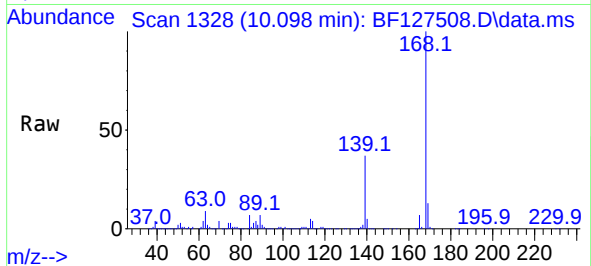
Tgt Ion:184 Resp: 66486
Ion Ratio Lower Upper
184 100
63 97.2 58.1 87.1#
154 69.8 53.2 79.8





#55
Dibenzenofuran
Concen: 54.611 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

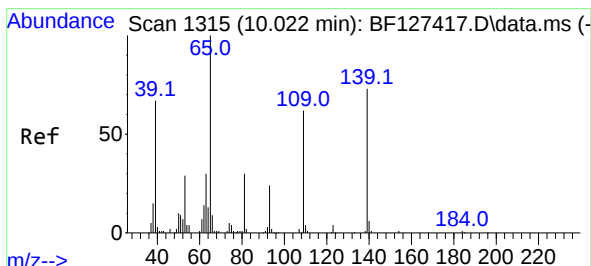
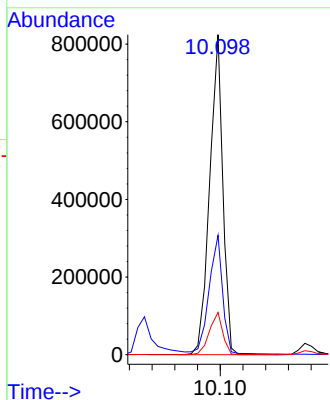
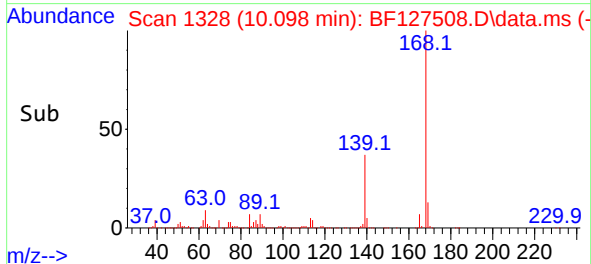
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



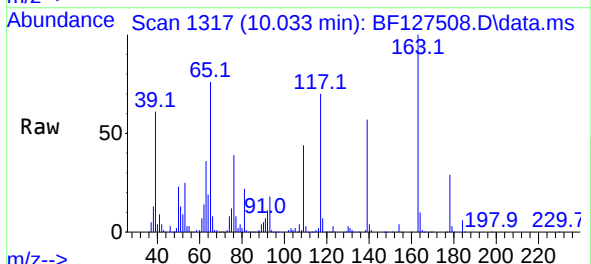
Tgt Ion:168 Resp: 65934
Ion Ratio Lower Upper
168 100
139 37.3 30.3 45.5
169 13.2 10.8 16.2

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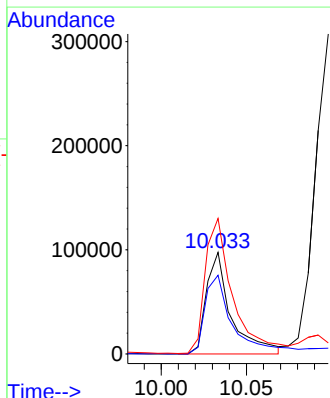
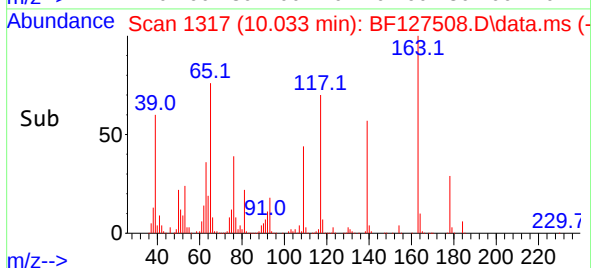
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#56
4-Nitrophenol
Concen: 75.457 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.011 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



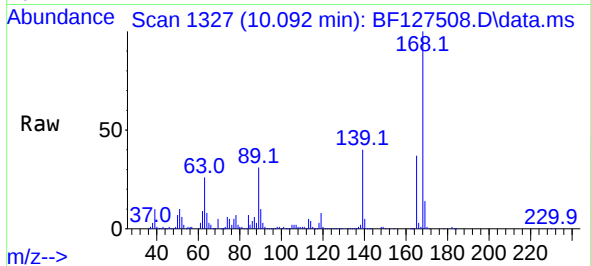
Tgt Ion:139 Resp: 99413
Ion Ratio Lower Upper
139 100
109 77.5 64.3 104.3
65 133.4 117.5 157.5





#57
2,4-Dinitrotoluene
Concen: 50.547 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

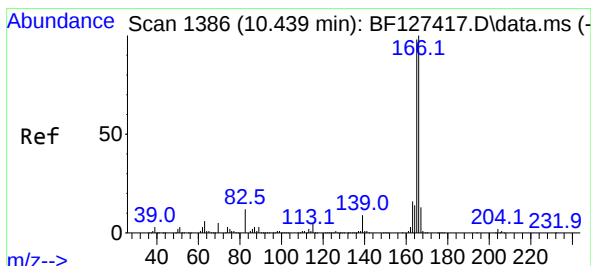
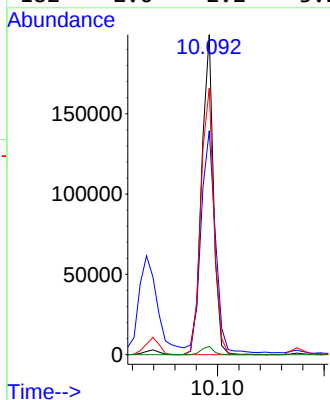
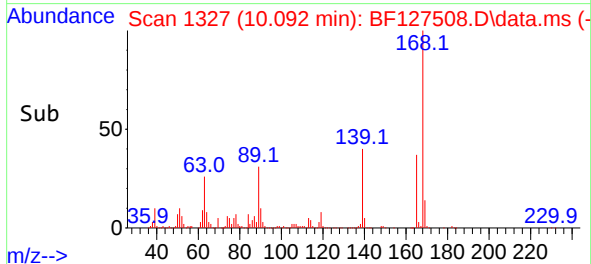
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



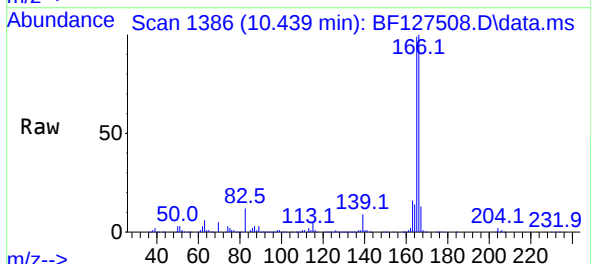
Tgt Ion:165 Resp: 15353
Ion Ratio Lower Upper
165 100
63 70.0 53.1 79.7
89 83.3 69.2 103.8
182 2.6 2.2 3.2

Manual Integrations
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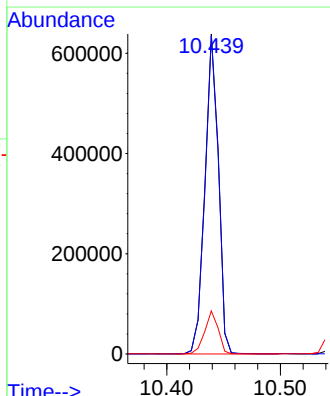
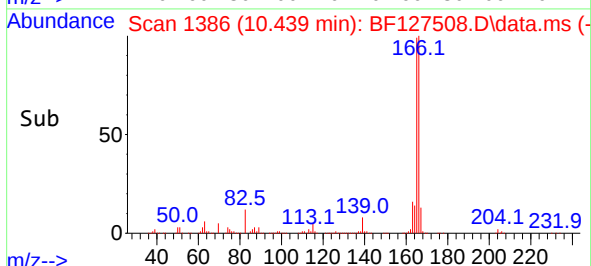
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

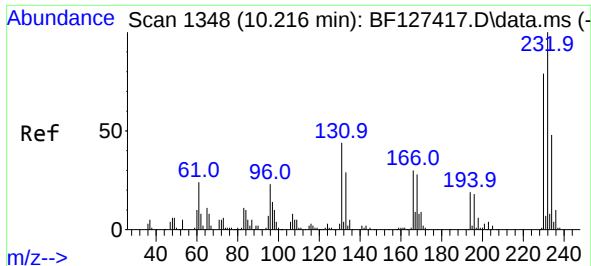


#58
Fluorene
Concen: 54.172 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



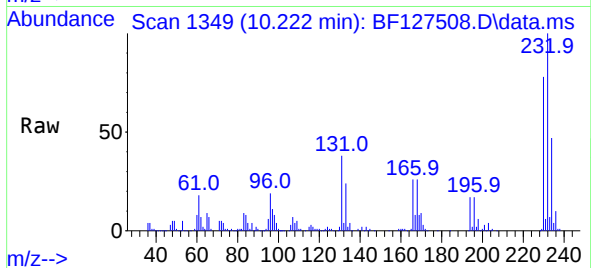
Tgt Ion:166 Resp: 527128
Ion Ratio Lower Upper
166 100
165 99.5 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.990 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

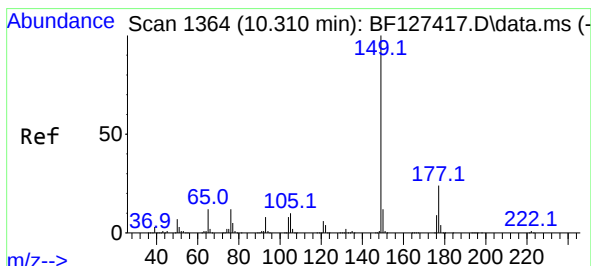
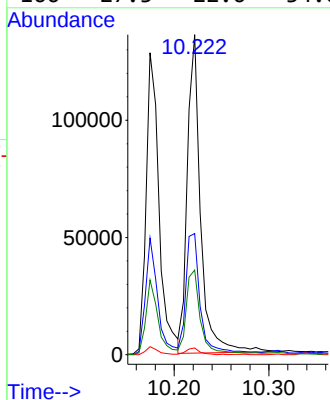
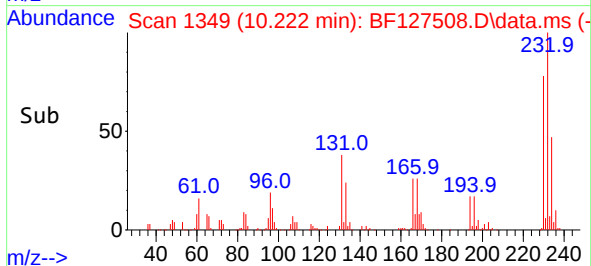
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



Tgt Ion:232 Resp: 132820
Ion Ratio Lower Upper
232 100
131 40.0 33.4 50.0
130 2.3 1.8 2.6
166 27.3 22.6 34.0

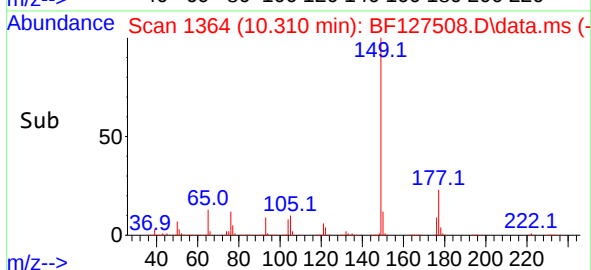
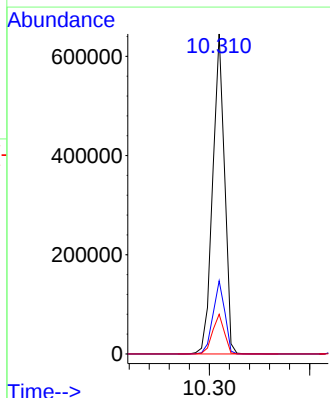
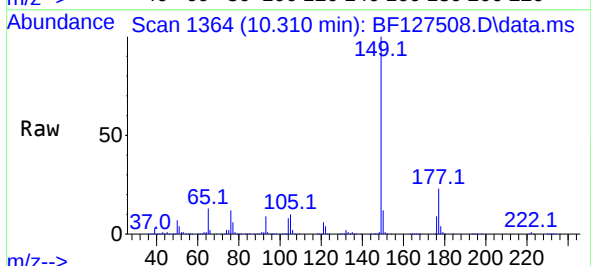
Manual Integrations
APPROVED

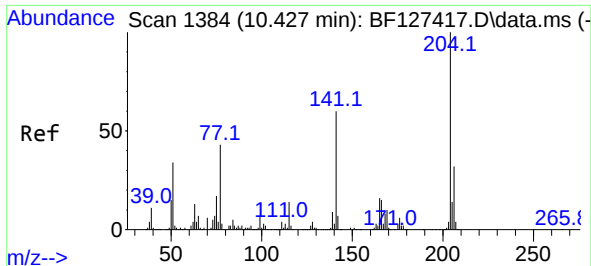
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#60
Diethylphthalate
Concen: 51.505 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

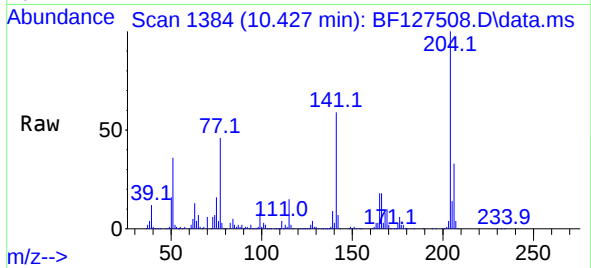
Tgt Ion:149 Resp: 528844
Ion Ratio Lower Upper
149 100
177 22.8 18.9 28.3
150 12.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.792 ng
RT: 10.427 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

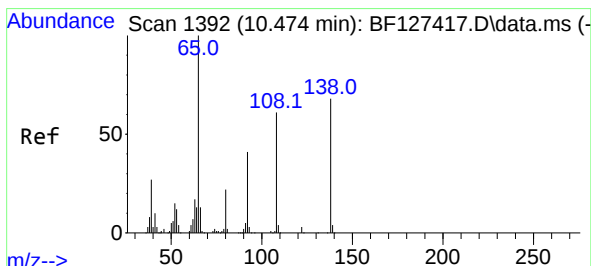
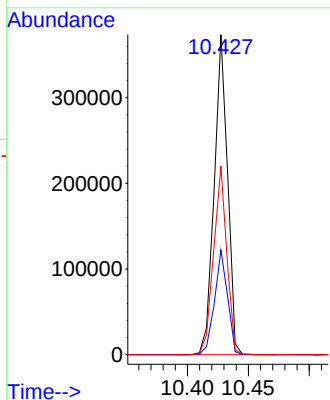
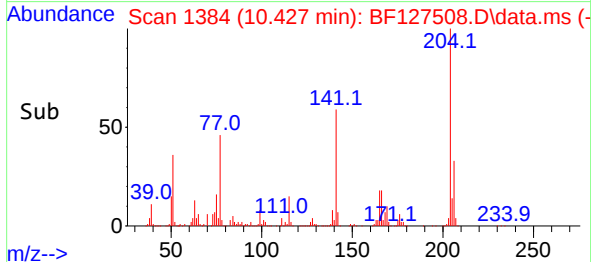
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



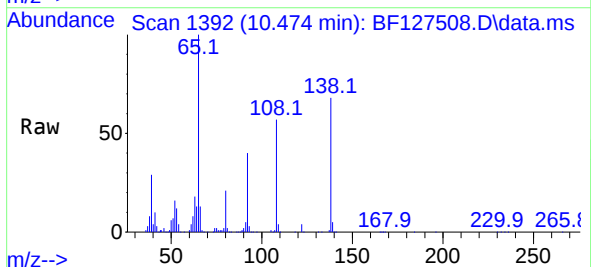
Tgt Ion:204 Resp: 283490
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 58.9 47.8 71.8

Manual Integrations
APPROVED

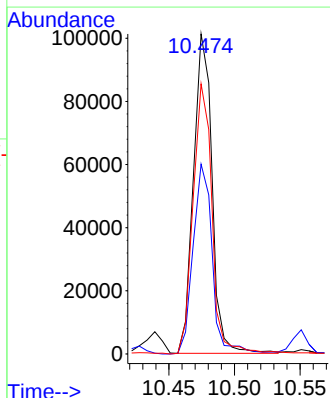
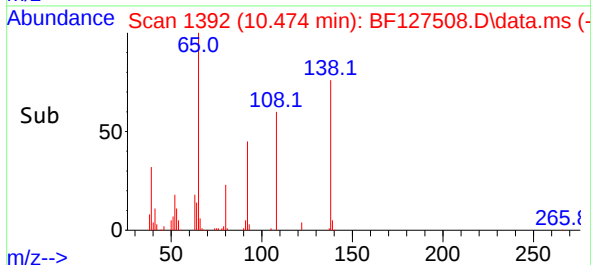
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

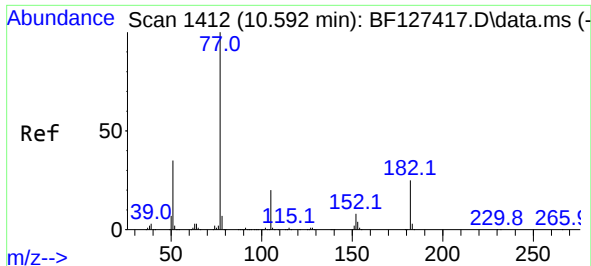


#62
4-Nitroaniline
Concen: 41.182 ng
RT: 10.474 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



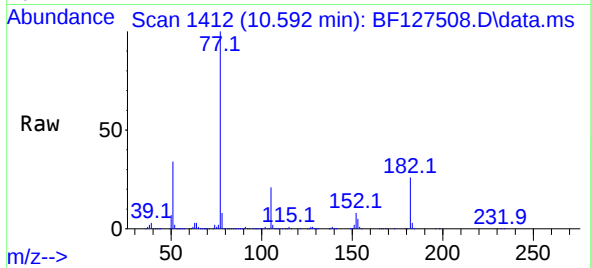
Tgt Ion:138 Resp: 99851
Ion Ratio Lower Upper
138 100
92 59.3 40.5 80.5
108 84.4 69.2 109.2





#63
Azobenzene
Concen: 50.632 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

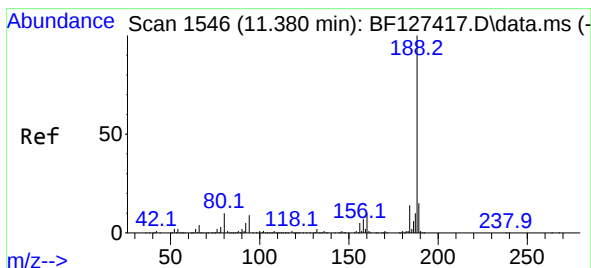
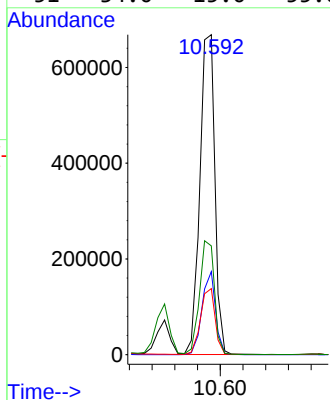
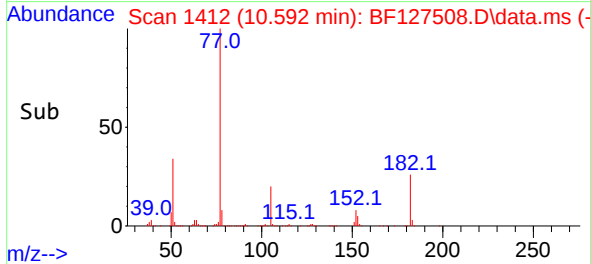
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



Tgt Ion: 77 Resp: 613434
Ion Ratio Lower Upper
77 100
182 26.0 4.5 44.5
105 20.6 0.3 40.3
51 34.0 15.0 55.0

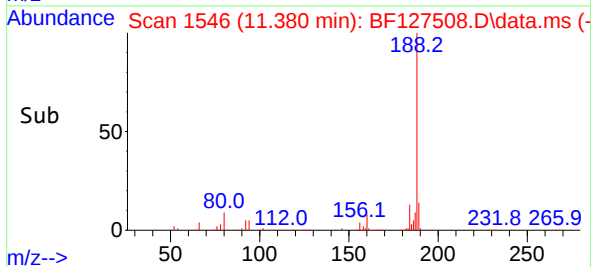
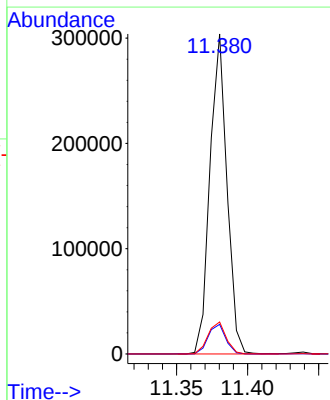
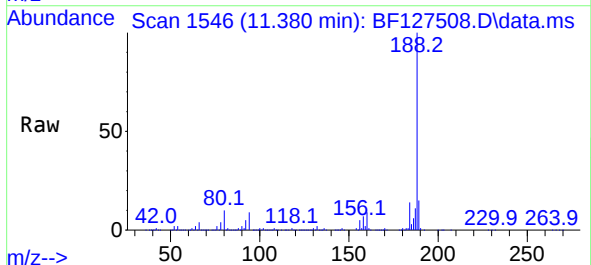
Manual Integrations
APPROVED

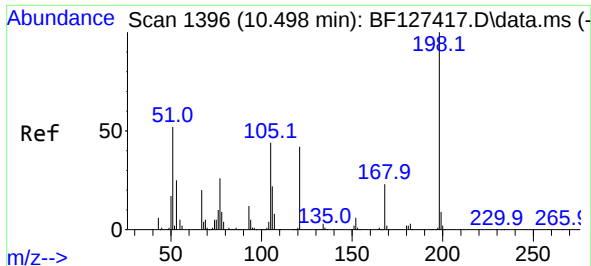
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Tgt Ion:188 Resp: 253326
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.0 8.0 12.0





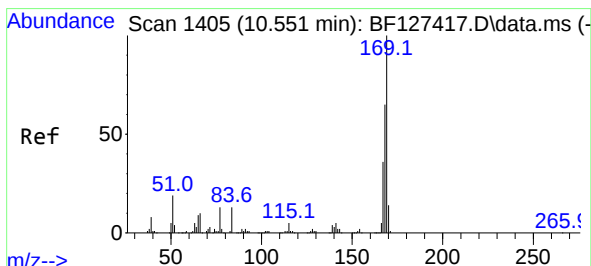
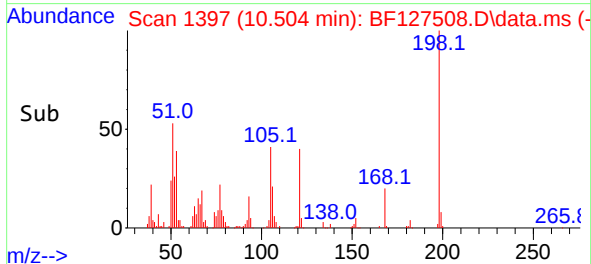
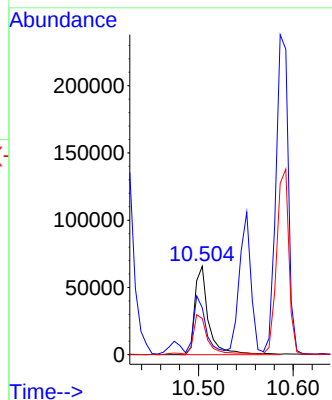
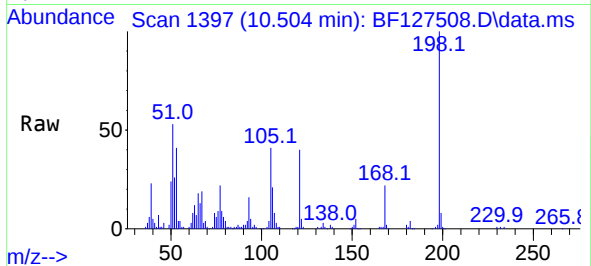
#65
4,6-Dinitro-2-methylphenol
Concen: 42.068 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD

Tgt Ion:198 Resp: 6557
Ion Ratio Lower Upper
198 100
51 52.9 42.7 82.7
105 40.9 25.4 65.4

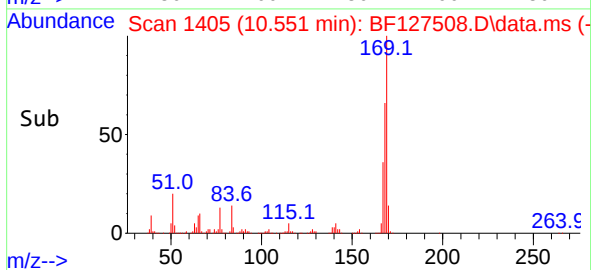
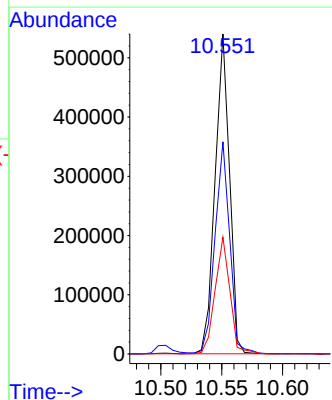
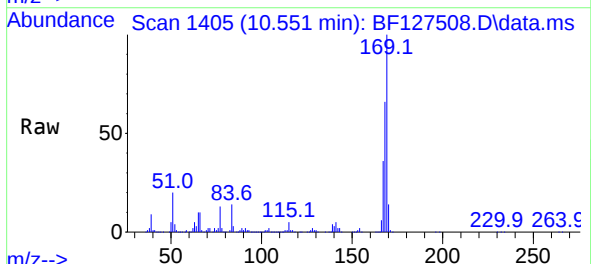
Manual Integrations
APPROVED

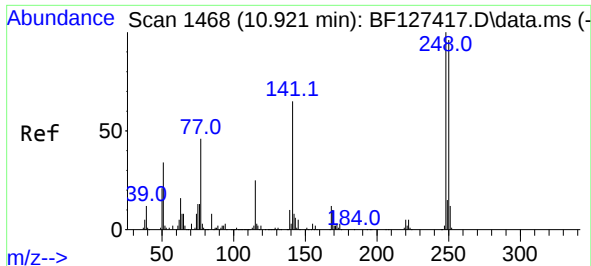
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#66
n-Nitrosodiphenylamine
Concen: 57.596 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

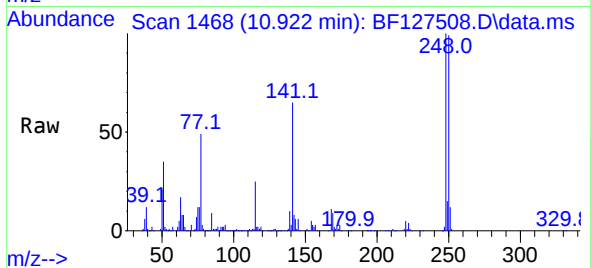
Tgt Ion:169 Resp: 444146
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 36.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 57.713 ng
RT: 10.922 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

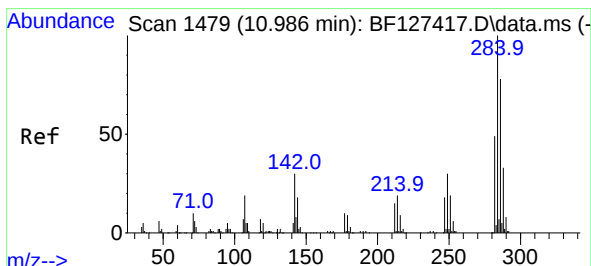
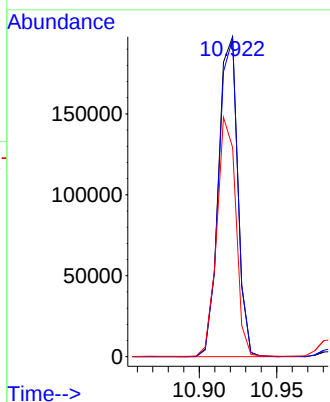
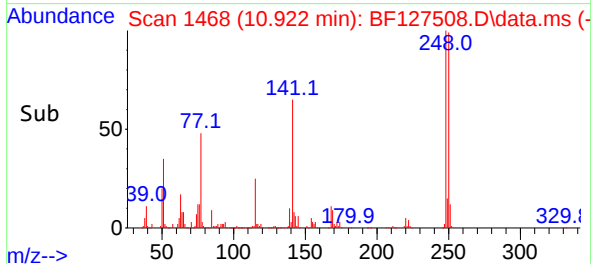
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



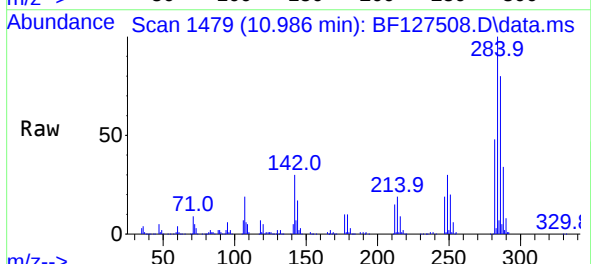
Tgt Ion:248 Resp: 170694
Ion Ratio Lower Upper
248 100
250 99.4 76.6 115.0
141 65.4 52.2 78.2

Manual Integrations
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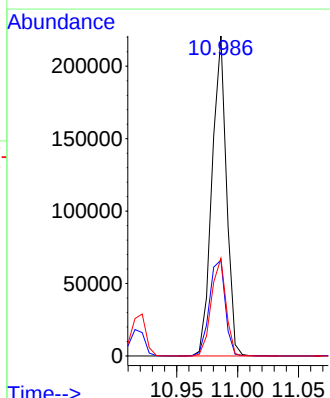
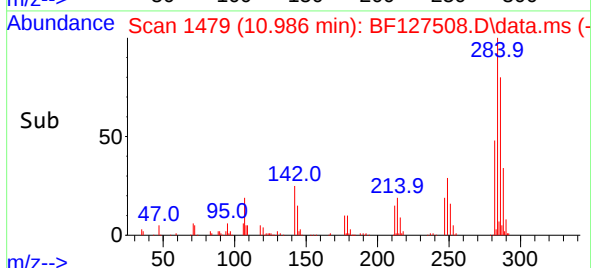
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

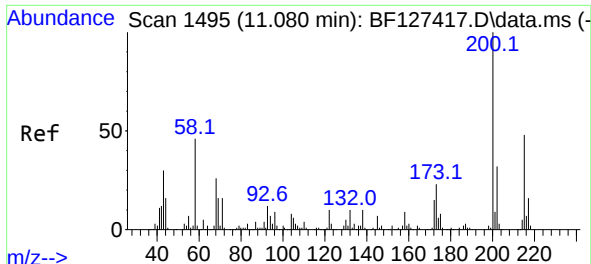


#68
Hexachlorobenzene
Concen: 56.322 ng
RT: 10.986 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



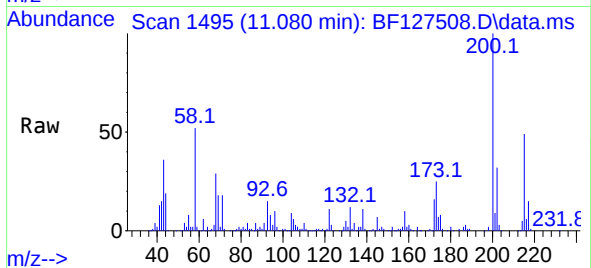
Tgt Ion:284 Resp: 181832
Ion Ratio Lower Upper
284 100
142 29.9 23.8 35.8
249 30.5 23.9 35.9





#69
Atrazine
Concen: 59.462 ng
RT: 11.080 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

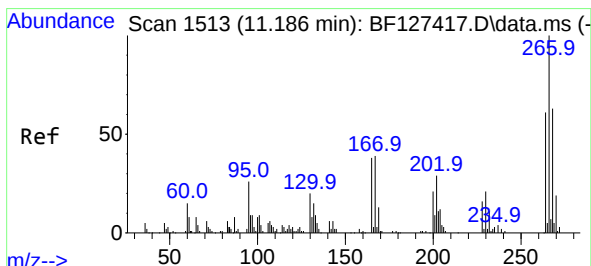
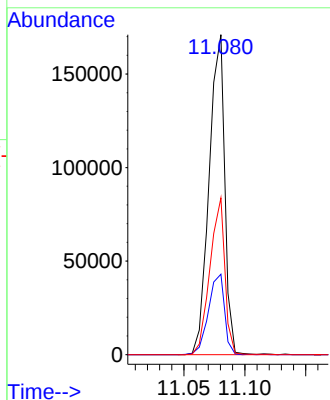
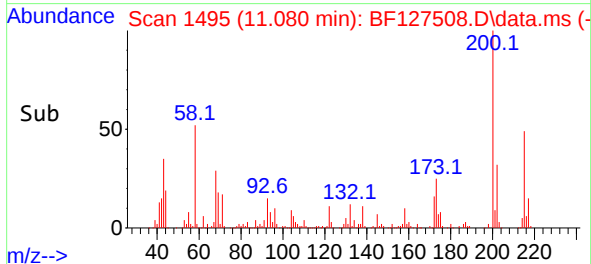
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



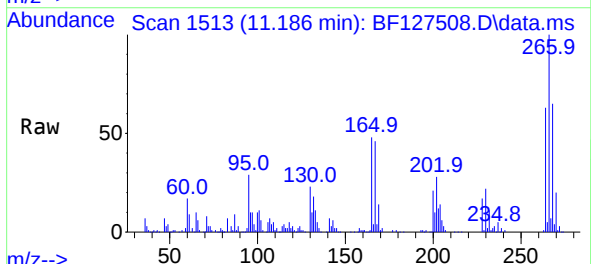
Tgt Ion:200 Resp: 15265
Ion Ratio Lower Upper
200 100
173 25.2 2.9 42.9
215 49.0 28.0 68.0

Manual Integrations
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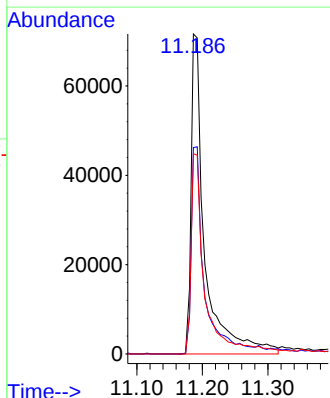
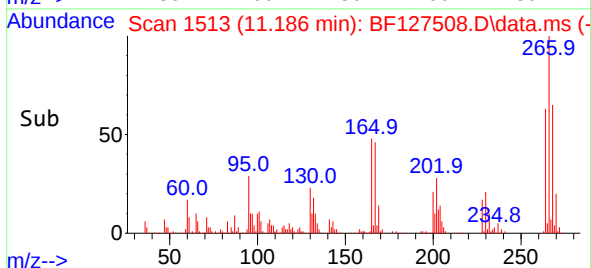
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

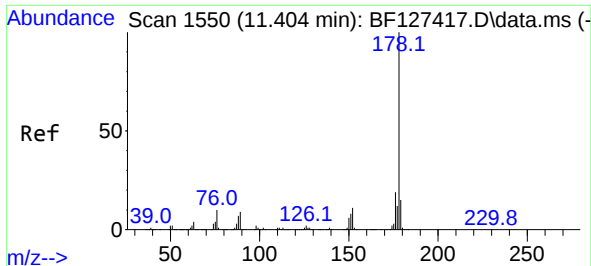


#70
Pentachlorophenol
Concen: 83.326 ng
RT: 11.186 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



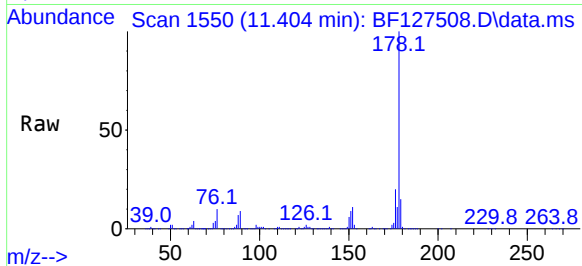
Tgt Ion:266 Resp: 104246
Ion Ratio Lower Upper
266 100
268 64.5 50.4 75.6
264 62.5 48.5 72.7





#71
Phenanthrene
Concen: 52.829 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

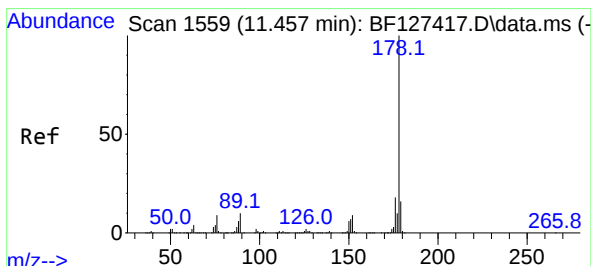
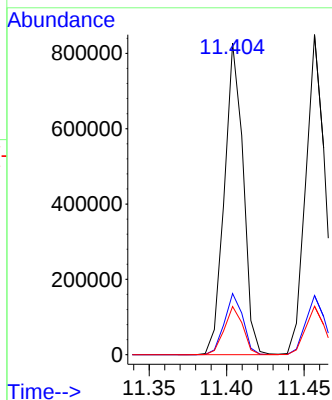
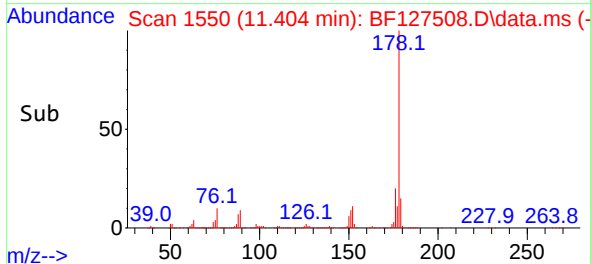
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



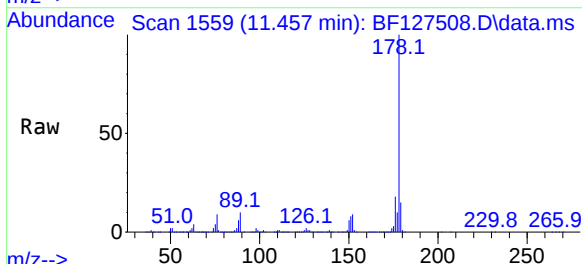
Tgt Ion:178 Resp: 697712
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.4 18.6

Manual Integrations
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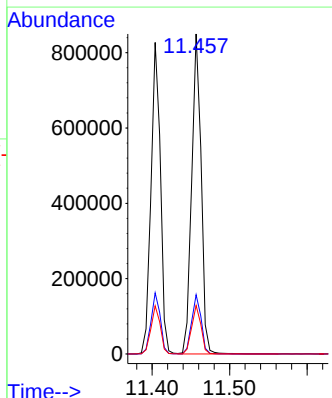
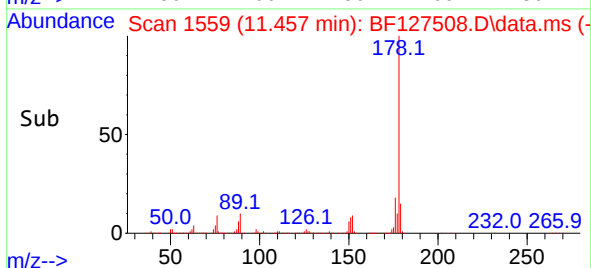
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

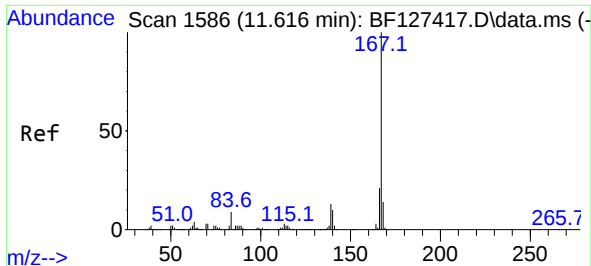


#72
Anthracene
Concen: 54.908 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



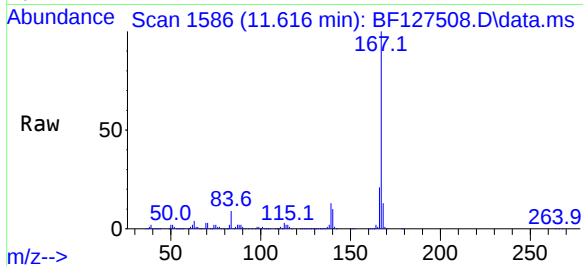
Tgt Ion:178 Resp: 719625
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 46.198 ng
 RT: 11.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127508.D
 Acq: 24 Mar 2022 17:51

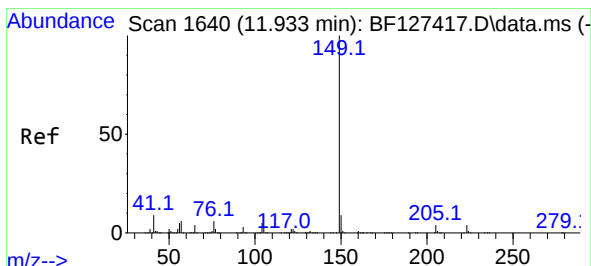
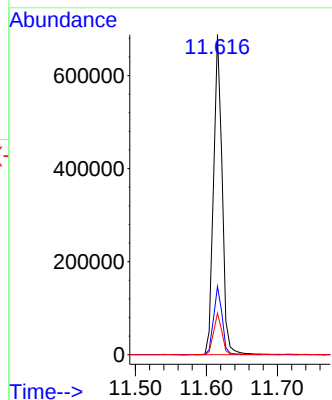
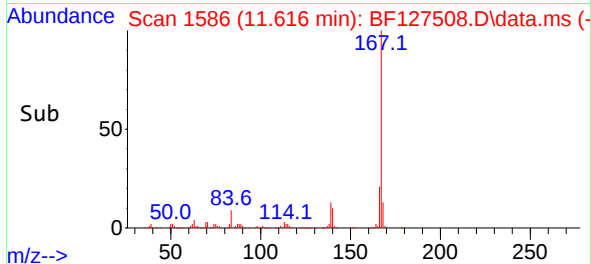
Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)MSD



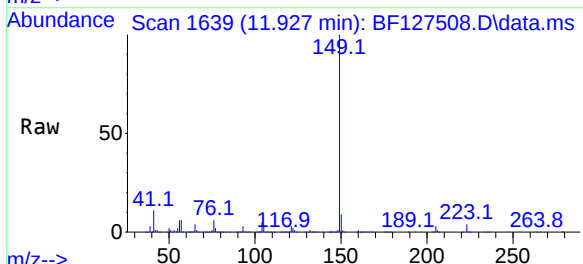
Tgt Ion:167 Resp: 579038
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.0 10.5 15.7

Manual Integrations
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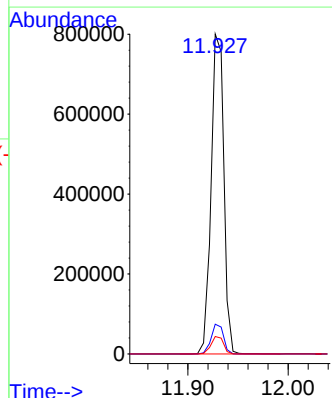
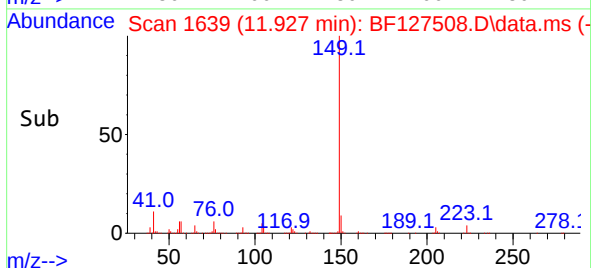
Reviewed By :Christian Giraldo 03/25/2022
 Supervised By :Jagrut Upadhyay 03/25/2022

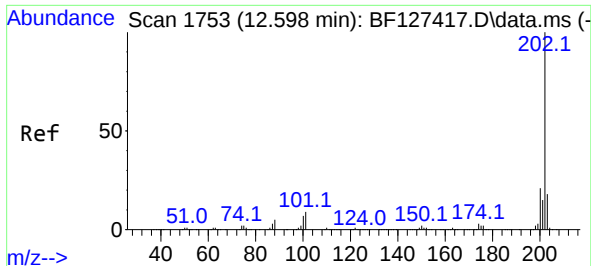


#74
 Di-n-butylphthalate
 Concen: 54.545 ng
 RT: 11.927 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF127508.D
 Acq: 24 Mar 2022 17:51



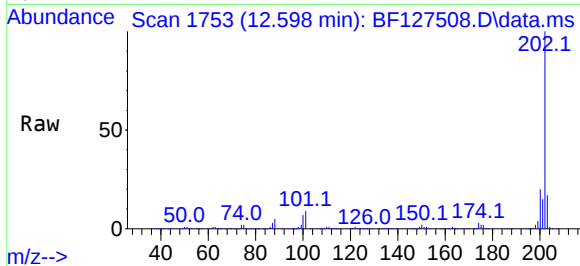
Tgt Ion:149 Resp: 707658
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.5 4.2 6.2





#75
Fluoranthene
Concen: 45.324 ng
RT: 12.598 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

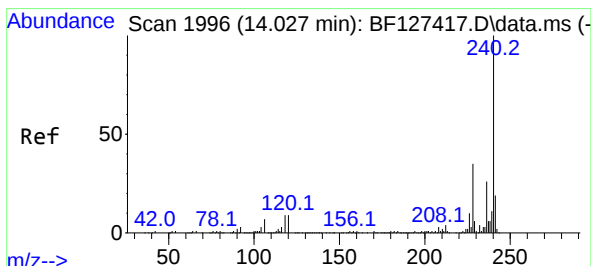
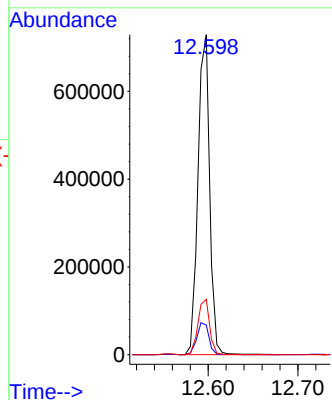
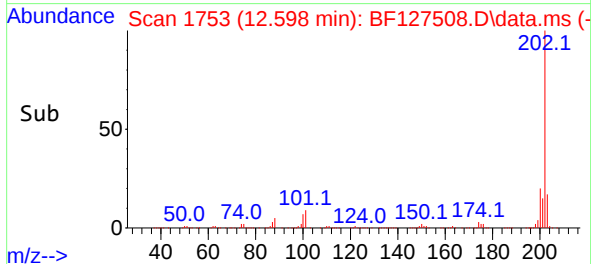
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



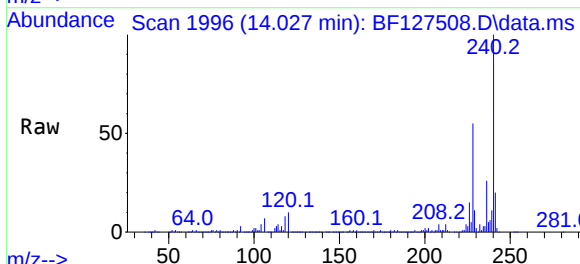
Tgt Ion:202 Resp: 65838
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.0
203 17.3 0.0 37.7

Manual Integrations
APPROVED

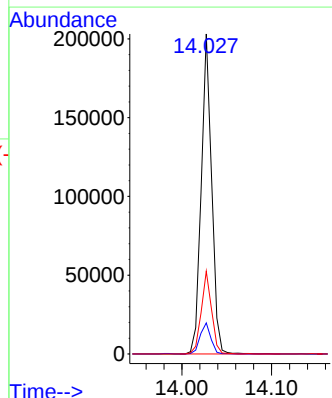
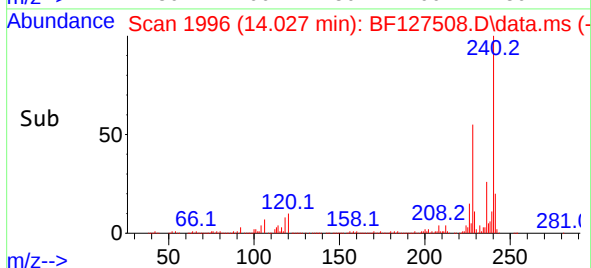
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

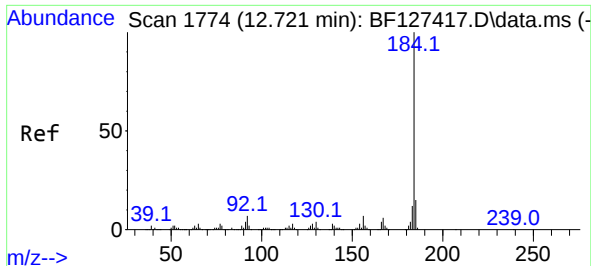


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



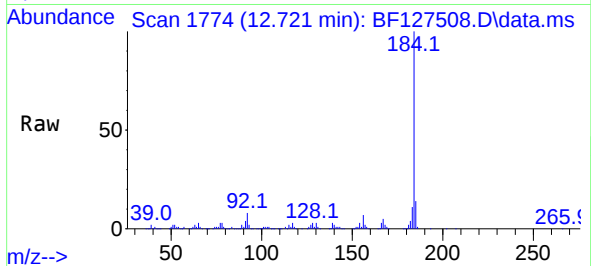
Tgt Ion:240 Resp: 163849
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 25.8 20.7 31.1





#77
Benzidine
Concen: 44.536 ng
RT: 12.721 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

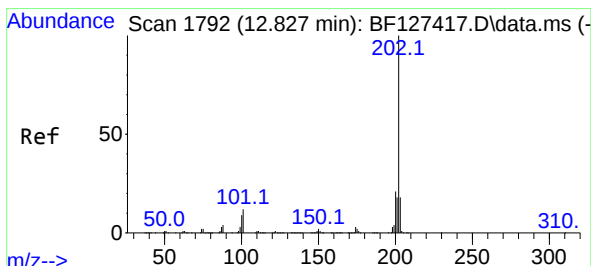
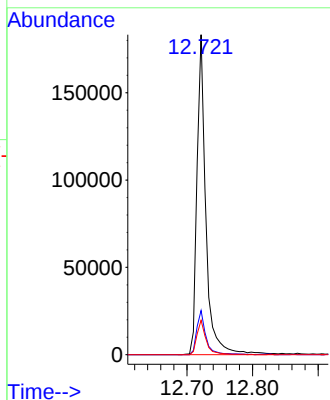
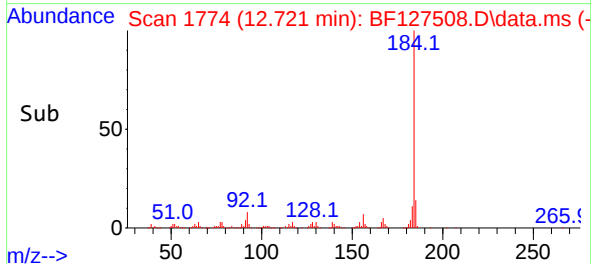
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



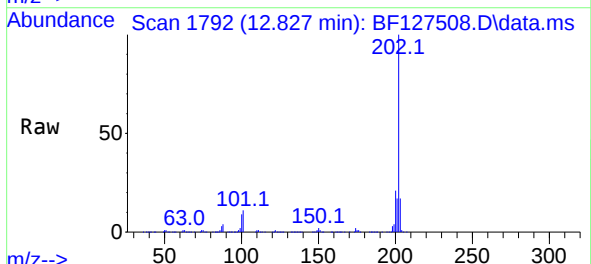
Tgt Ion:184 Resp: 173992
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 10.7 9.4 14.0

Manual Integrations
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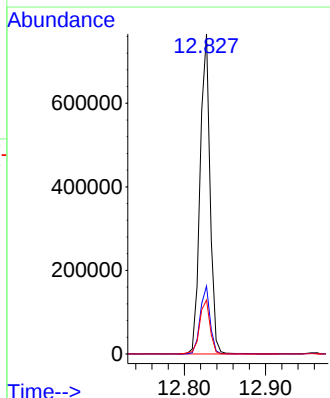
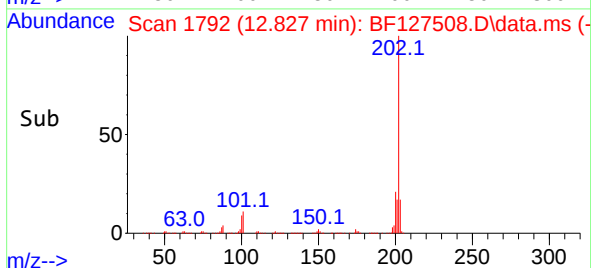
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

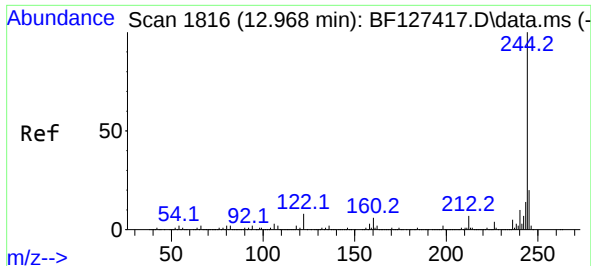


#78
Pyrene
Concen: 46.350 ng
RT: 12.827 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



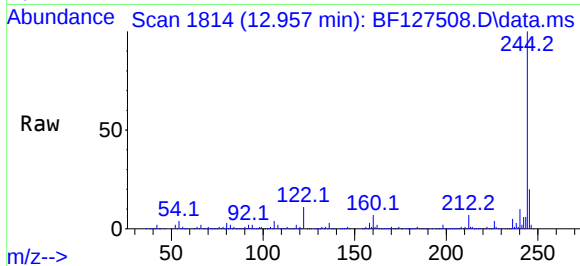
Tgt Ion:202 Resp: 651768
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 16.9 14.3 21.5





#79
 Terphenyl-d14
 Concen: 70.782 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF127508.D
 Acq: 24 Mar 2022 17:51

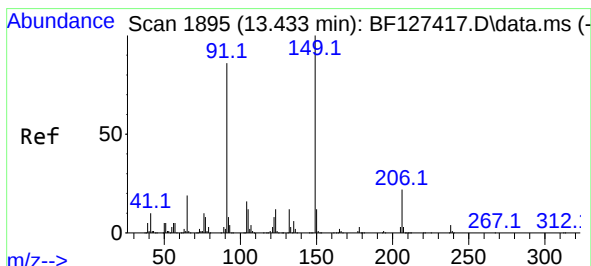
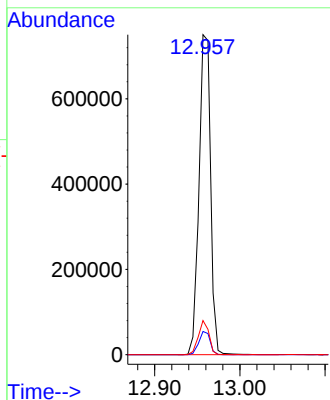
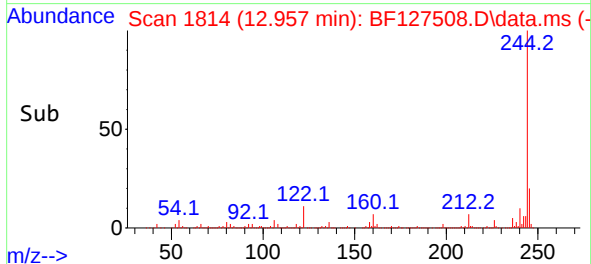
Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)MSD



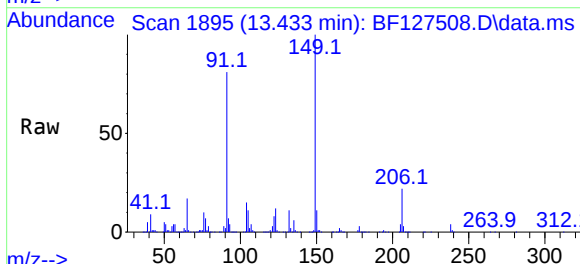
Tgt Ion:244 Resp: 70845
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.7 6.2 9.2

Manual Integrations
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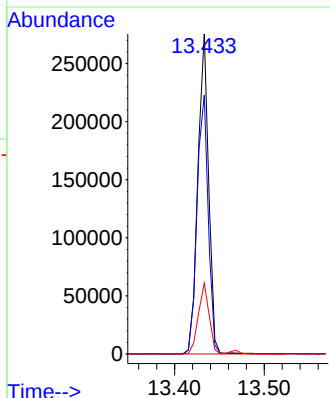
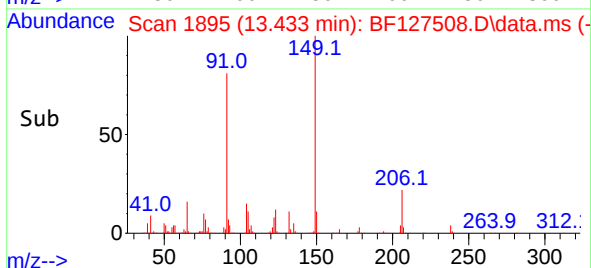
Reviewed By :Christian Giraldo 03/25/2022
 Supervised By :Jagrut Upadhyay 03/25/2022

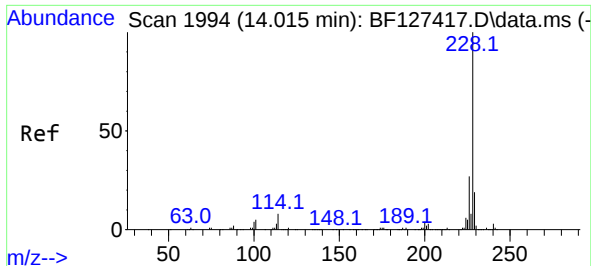


#80
 Butylbenzylphthalate
 Concen: 49.816 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF127508.D
 Acq: 24 Mar 2022 17:51



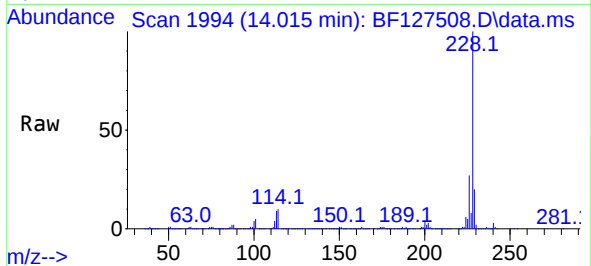
Tgt Ion:149 Resp: 230554
 Ion Ratio Lower Upper
 149 100
 91 80.8 69.1 103.7
 206 22.1 17.7 26.5





#81
Benzo(a)anthracene
Concen: 53.684 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

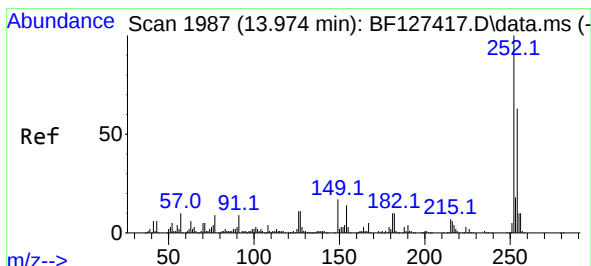
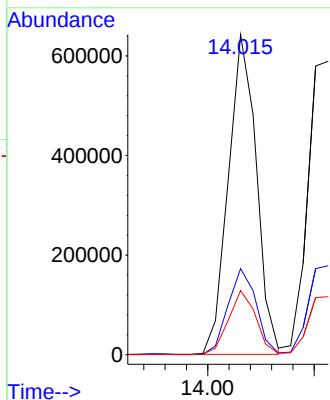
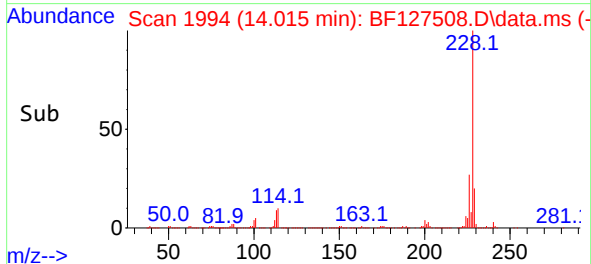
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



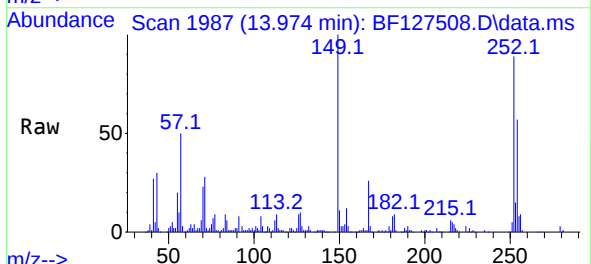
Tgt Ion:228 Resp: 58823
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 20.0 15.4 23.2

Manual Integrations
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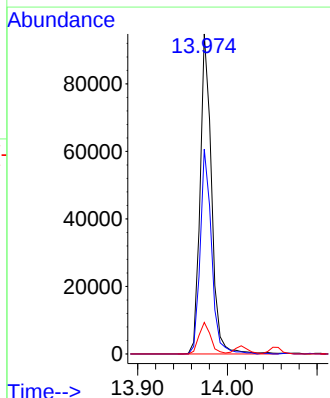
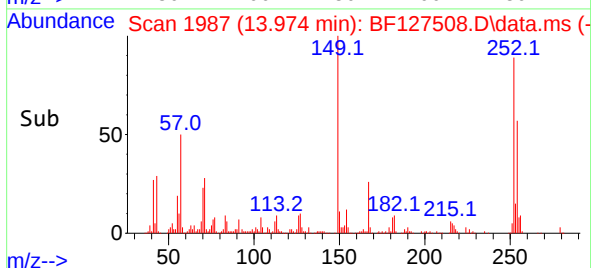
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

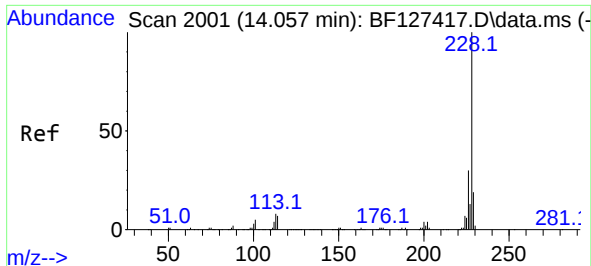


#82
3,3'-Dichlorobenzidine
Concen: 26.017 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



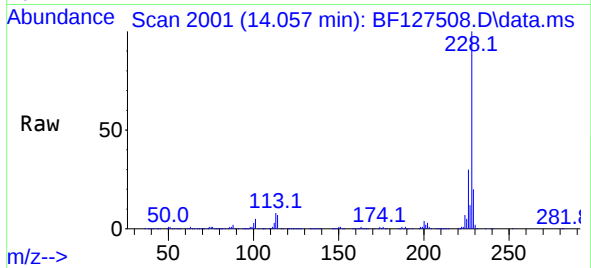
Tgt Ion:252 Resp: 83785
Ion Ratio Lower Upper
252 100
254 64.0 50.2 75.4
126 9.8 8.7 13.1





#83
Chrysene
Concen: 53.457 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

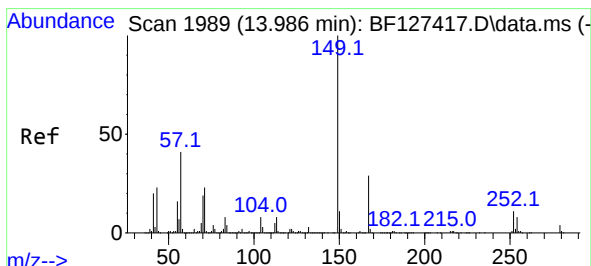
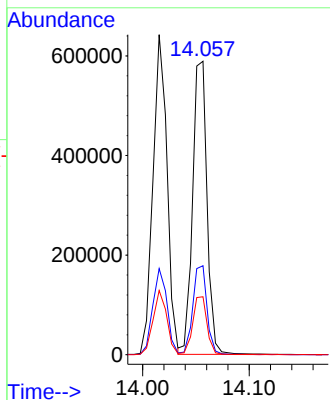
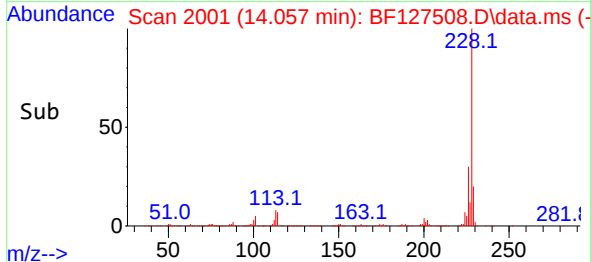
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



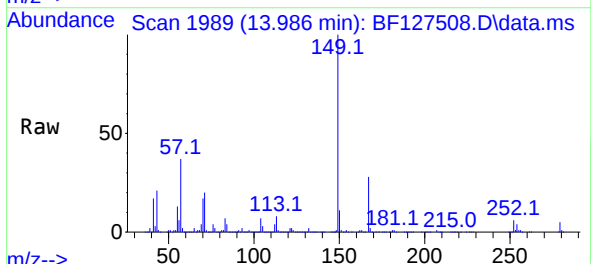
Tgt Ion:228 Resp: 55466
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 19.8 15.4 23.2

Manual Integrations
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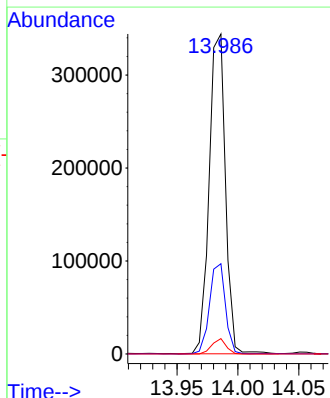
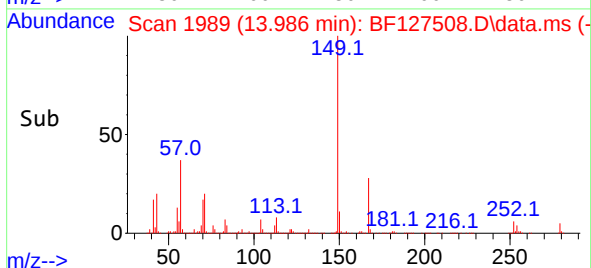
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

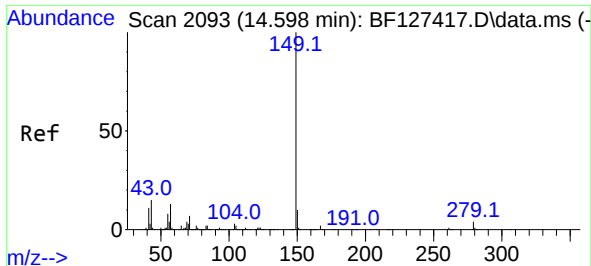


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.933 ng
RT: 13.986 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



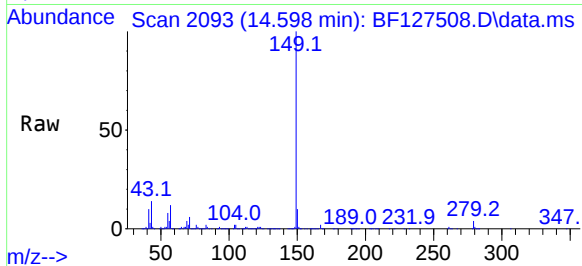
Tgt Ion:149 Resp: 320634
Ion Ratio Lower Upper
149 100
167 28.2 22.9 34.3
279 4.8 3.2 4.8#





#85
Di-n-octyl phthalate
Concen: 82.051 ng
RT: 14.598 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

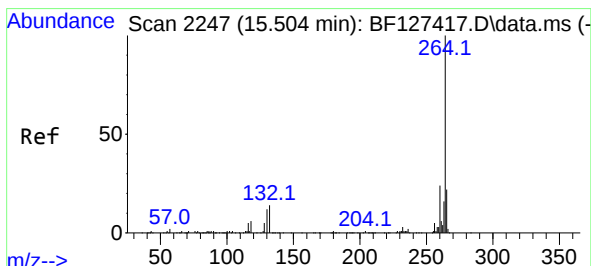
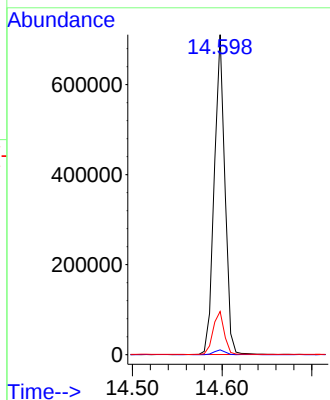
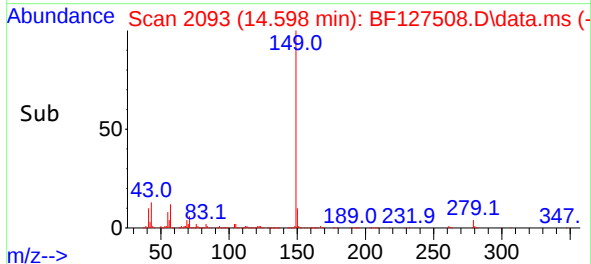
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



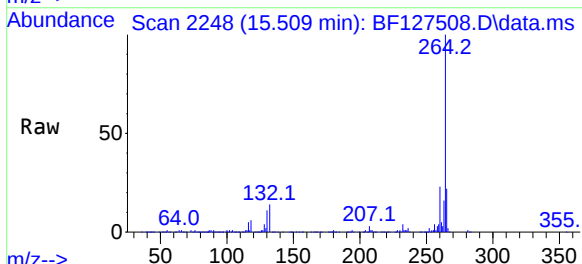
Tgt Ion:149 Resp: 584138
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.1 11.0 16.6

Manual Integrations
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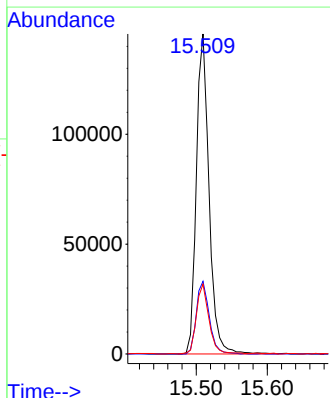
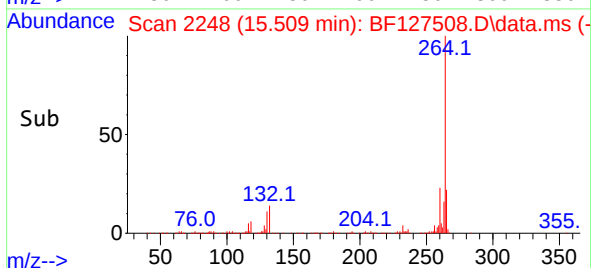
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

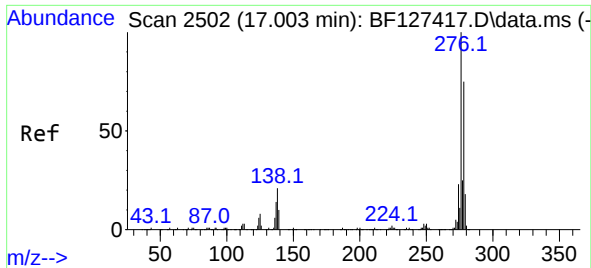


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51



Tgt Ion:264 Resp: 181288
Ion Ratio Lower Upper
264 100
260 22.7 19.1 28.7
265 21.8 17.4 26.2





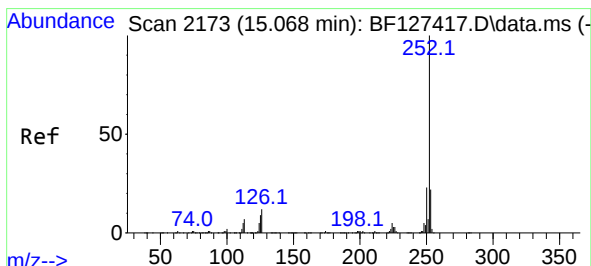
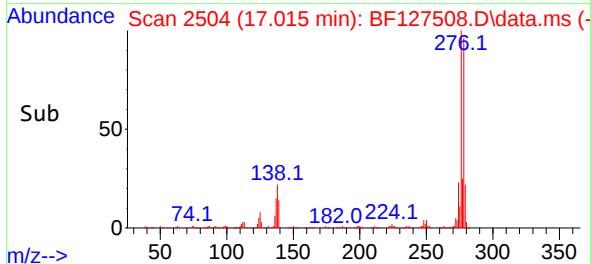
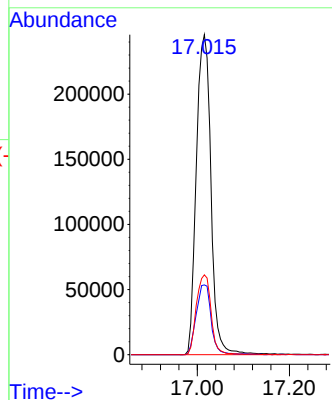
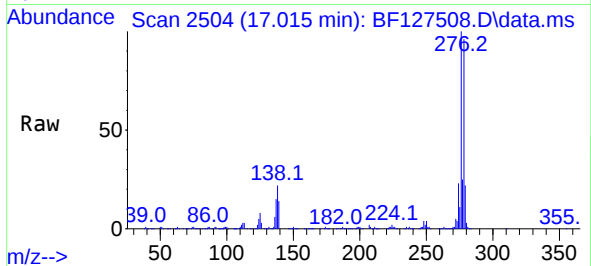
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.110 ng
RT: 17.015 min Scan# 2174
Delta R.T. 0.012 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD

Tgt Ion:276 Resp: 54110
Ion Ratio Lower Upper
276 100
138 22.1 17.1 25.7
277 25.0 19.9 29.9

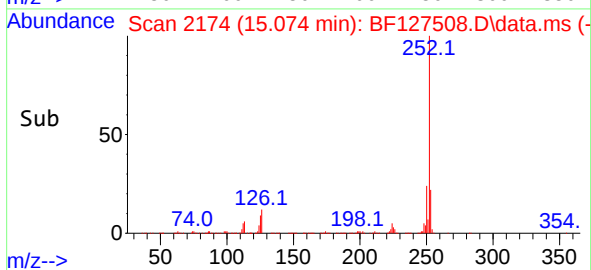
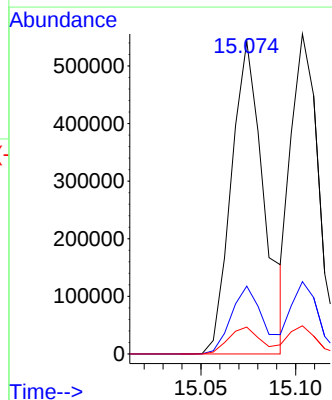
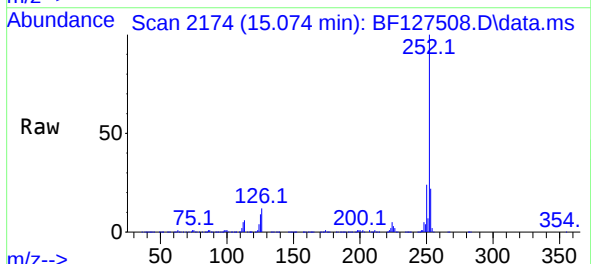
Manual Integrations
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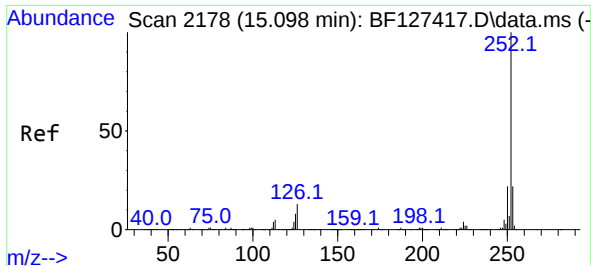
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#88
Benzo(b)fluoranthene
Concen: 56.803 ng
RT: 15.074 min Scan# 2174
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

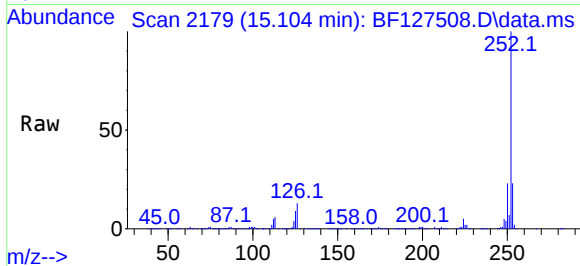
Tgt Ion:252 Resp: 649296
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.6 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 47.680 ng
RT: 15.104 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

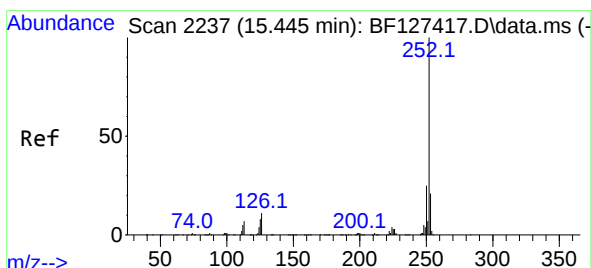
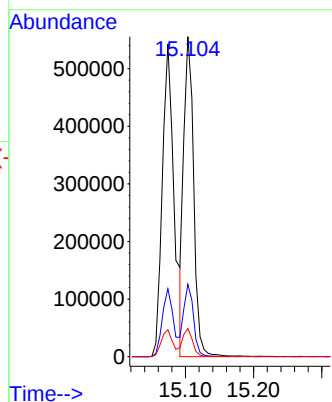
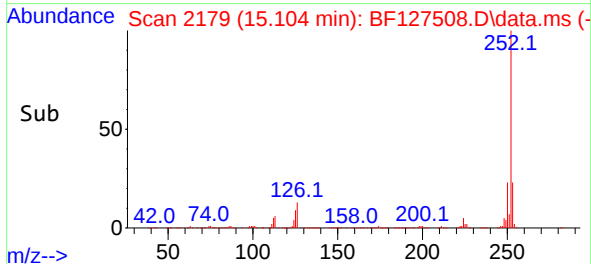
Instrument :
BNA_F
ClientSampleId :
WC-8-(10-10.5)MSD



Tgt Ion:252 Resp: 564992
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.8 6.9 10.3

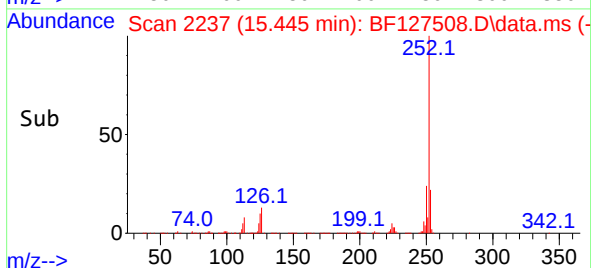
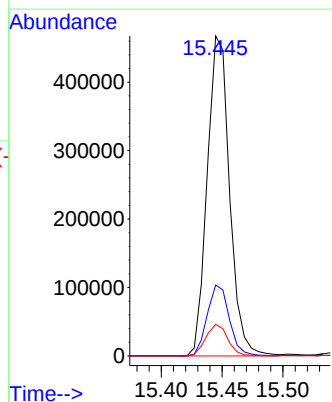
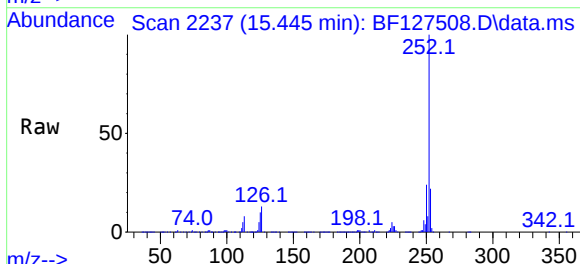
Manual Integrations
APPROVED

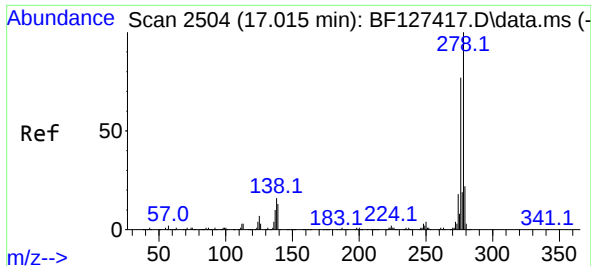
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#90
Benzo(a)pyrene
Concen: 63.552 ng
RT: 15.445 min Scan# 2237
Delta R.T. 0.000 min
Lab File: BF127508.D
Acq: 24 Mar 2022 17:51

Tgt Ion:252 Resp: 596177
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.8 6.7 10.1





#91

Dibenzo(a,h)anthracene

Concen: 47.084 ng

RT: 17.021 min Scan# 2505

Delta R.T. 0.006 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

Instrument :

BNA_F

ClientSampleId :

WC-8-(10-10.5)MSD

Tgt Ion:278 Resp: 47685

Ion Ratio Lower Upper

278 100

139 14.4 10.8 16.2

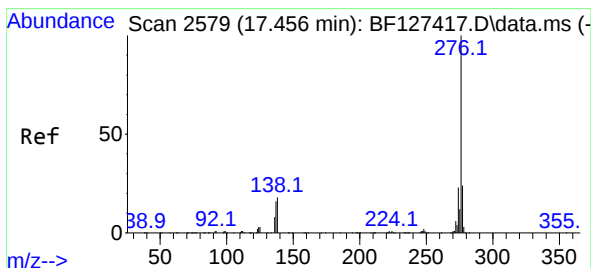
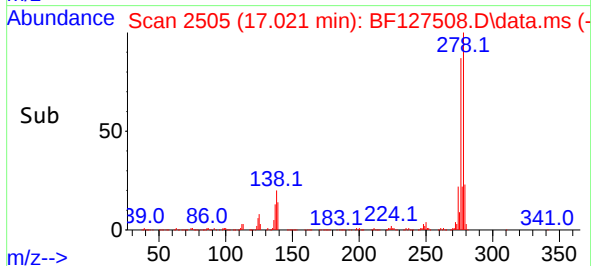
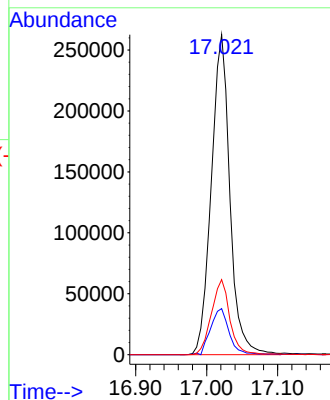
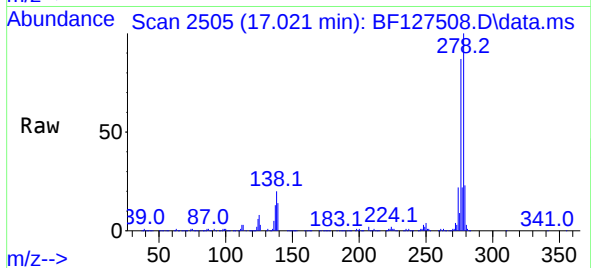
279 23.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/25/2022

Supervised By :Jagrut Upadhyay 03/25/2022



#92

Benzo(g,h,i)perylene

Concen: 42.209 ng

RT: 17.468 min Scan# 2581

Delta R.T. 0.012 min

Lab File: BF127508.D

Acq: 24 Mar 2022 17:51

Tgt Ion:276 Resp: 441851

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 18.5 14.6 22.0

