

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126349.D
 Acq On : 23 Dec 2021 17:43
 Operator : JU/CG
 Sample : M5181-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 27 06:51:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	72777	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	177260	20.000	ng	# 0.01
39) Acenaphthene-d10	9.881	164	77884	20.000	ng	0.02
64) Phenanthrene-d10	11.363	188	123458	20.000	ng	# 0.02
76) Chrysene-d12	14.010	240	131453	20.000	ng	# 0.03
86) Perylene-d12	15.463	264	117256	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	774458	156.712	ng	0.00
7) Phenol-d6	6.451	99	901594	143.681	ng	0.00
23) Nitrobenzene-d5	7.387	82	550052m	168.060	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	109496	174.939	ng	0.02
45) 2-Fluorobiphenyl	9.198	172	447145	100.693	ng	0.02
79) Terphenyl-d14	12.957	244	458754	60.658	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	152792	63.338	ng	# 100
3) Pyridine	3.293	79	308205	48.110	ng	# 81
4) n-Nitrosodimethylamine	3.240	42	174082	70.704	ng	# 6
6) Aniline	6.481	93	155834	19.551	ng	# 93
8) 2-Chlorophenol	6.604	128	283016	56.473	ng	89
9) Benzaldehyde	6.363	77	216772	57.248	ng	94
10) Phenol	6.463	94	404030	57.360	ng	94
11) bis(2-Chloroethyl)ether	6.557	93	376037	68.778	ng	95
12) 1,3-Dichlorobenzene	6.763	146	267783	52.970	ng	97
13) 1,4-Dichlorobenzene	6.840	146	254566	49.866	ng	# 92
14) 1,2-Dichlorobenzene	6.992	146	238100	50.443	ng	# 83
15) Benzyl Alcohol	6.963	79	188332m	41.113	ng	
16) 2,2'-oxybis(1-Chloropr...	7.098	45	411474	45.989	ng	82
17) 2-Methylphenol	7.075	107	217740	49.597	ng	# 92
18) Hexachloroethane	7.340	117	95381	47.499	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	189962	49.313	ng	# 73
20) 3+4-Methylphenols	7.228	107	220139	42.415	ng	# 55
22) Acetophenone	7.234	105	306501	75.131	ng	# 83
24) Nitrobenzene	7.404	77	255770	78.281	ng	95
25) Isophorone	7.645	82	506586	81.963	ng	# 41
26) 2-Nitrophenol	7.728	139	114660	77.846	ng	# 19
27) 2,4-Dimethylphenol	7.763	122	190997	76.358	ng	86
28) bis(2-Chloroethoxy)met...	7.857	93	251745	61.952	ng	# 51
29) 2,4-Dichlorophenol	7.969	162	159452	71.715	ng	# 83
30) 1,2,4-Trichlorobenzene	8.057	180	135960	59.117	ng	99
31) Naphthalene	8.139	128	463736	55.942	ng	99
32) Benzoic acid	7.881	122	88128	40.897	ng	# 62
33) 4-Chloroaniline	8.187	127	50319	14.538	ng	# 61
34) Hexachlorobutadiene	8.263	225	76485	67.715	ng	97
35) Caprolactam	8.569	113	235123	425.506	ng	# 42
36) 4-Chloro-3-methylphenol	8.663	107	176565	67.321	ng	# 72
37) 2-Methylnaphthalene	8.839	142	270127	52.913	ng	99
38) 1-Methylnaphthalene	8.939	142	246525	49.760	ng	95
40) 1,2,4,5-Tetrachloroben...	9.010	216	100485	59.778	ng	# 83
41) Hexachlorocyclopentadiene	8.992	237	36556	37.977	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	68807	52.035	ng	95

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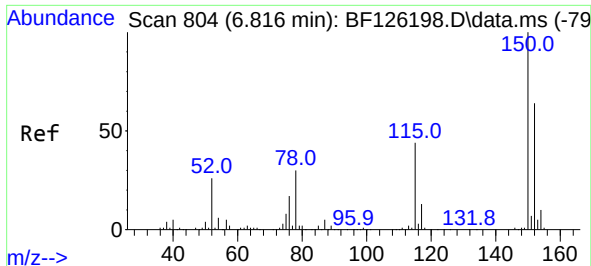
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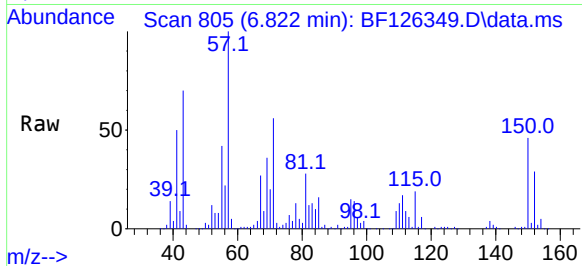
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	63775	46.573	ng	# 1
46) 1,1'-Biphenyl	9.304	154	292182	50.736	ng	99
47) 2-Chloronaphthalene	9.328	162	217306	50.153	ng	92
48) 2-Nitroaniline	9.410	65	84842	53.647	ng	87
49) Acenaphthylene	9.745	152	354078	53.480	ng	# 91
50) Dimethylphthalate	9.592	163	264943	53.702	ng	# 88
51) 2,6-Dinitrotoluene	9.651	165	72155	67.571	ng	95
52) Acenaphthene	9.916	154	226150	52.672	ng	99
53) 3-Nitroaniline	9.816	138	45837m	33.772	ng	
54) 2,4-Dinitrophenol	9.928	184	10490m	23.858	ng	
55) Dibenzofuran	10.086	168	305887	52.327	ng	95
56) 4-Nitrophenol	9.975	139	109576	111.768	ng	# 41
57) 2,4-Dinitrotoluene	10.057	165	69453	50.987	ng	# 95
58) Fluorene	10.428	166	243813	57.612	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	53349	52.544	ng	# 55
60) Diethylphthalate	10.292	149	254636	51.359	ng	93
61) 4-Chlorophenyl-phenyle...	10.416	204	117101	61.456	ng	# 87
62) 4-Nitroaniline	10.422	138	49359	43.352	ng	91
63) Azobenzene	10.575	77	272164	45.321	ng	85
65) 4,6-Dinitro-2-methylph...	10.463	198	8442	12.522	ng	# 1
66) n-Nitrosodiphenylamine	10.528	169	266720	67.316	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	66145	57.086	ng	# 76
68) Hexachlorobenzene	10.986	284	73658	55.274	ng	90
69) Atrazine	11.069	200	72975	100.502	ng	77
70) Pentachlorophenol	11.175	266	86146	116.524	ng	93
71) Phenanthrene	11.392	178	335832	52.704	ng	# 91
72) Anthracene	11.445	178	344104	53.802	ng	# 94
73) Carbazole	11.592	167	299941	49.798	ng	# 92
74) Di-n-butylphthalate	11.927	149	395531	51.802	ng	# 94
75) Fluoranthene	12.586	202	351458	61.218	ng	94
77) Benzidine	12.698	184	59409	28.666	ng	# 51
78) Pyrene	12.816	202	406153	33.631	ng	95
80) Butylbenzylphthalate	13.427	149	203120	35.741	ng	# 80
81) Benzo(a)anthracene	13.998	228	386045	49.578	ng	96
82) 3,3'-Dichlorobenzidine	13.957	252	31680	8.906	ng	# 92
83) Chrysene	14.039	228	392581	48.525	ng	97
84) Bis(2-ethylhexyl)phtha...	13.986	149	350020	55.115	ng	# 100
85) Di-n-octyl phthalate	14.598	149	551795	48.741	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	359075	45.911	ng	95
88) Benzo(b)fluoranthene	15.039	252	403884	57.326	ng	# 93
89) Benzo(k)fluoranthene	15.068	252	329597	48.903	ng	# 90
90) Benzo(a)pyrene	15.404	252	358615	61.243	ng	# 95
91) Dibenzo(a,h)anthracene	16.921	278	303120	47.677	ng	# 94
92) Benzo(g,h,i)perylene	17.339	276	310083	47.139	ng	93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

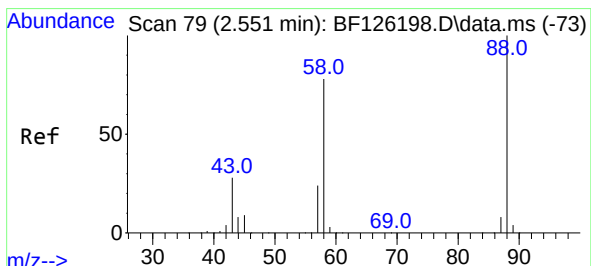
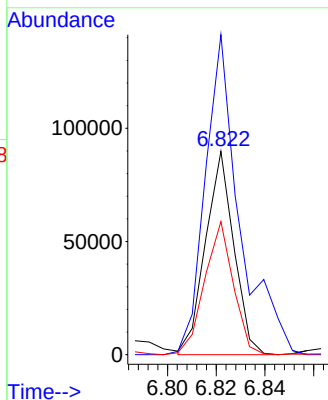
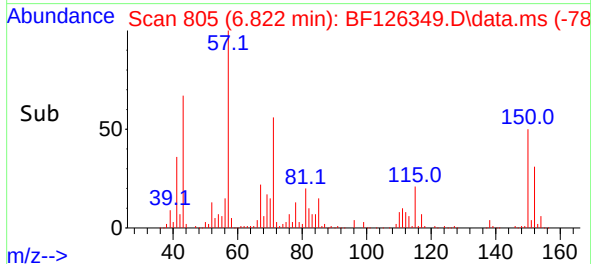
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



Tgt Ion:152 Resp: 72777
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 65.4 47.1 70.7

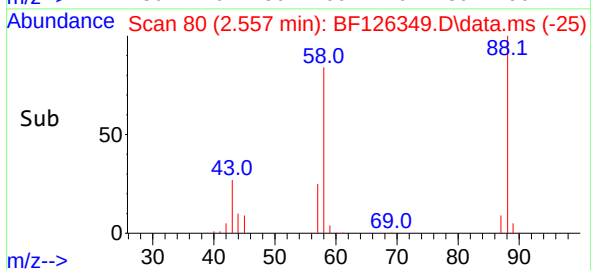
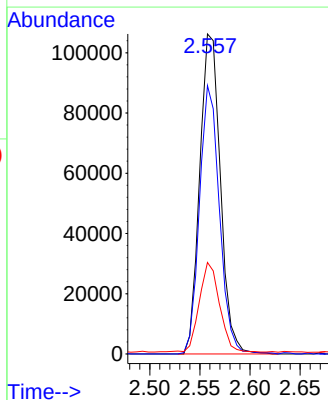
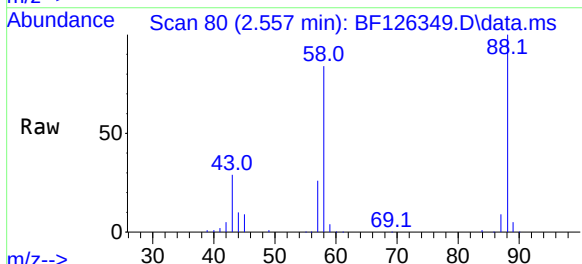
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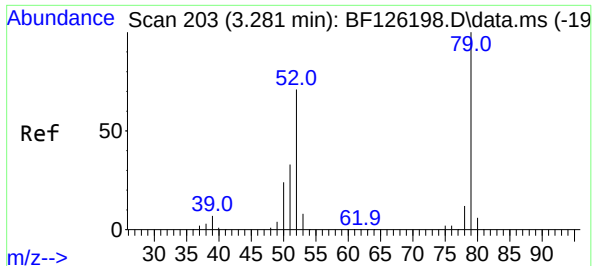
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#2
1,4-Dioxane
Concen: 63.338 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

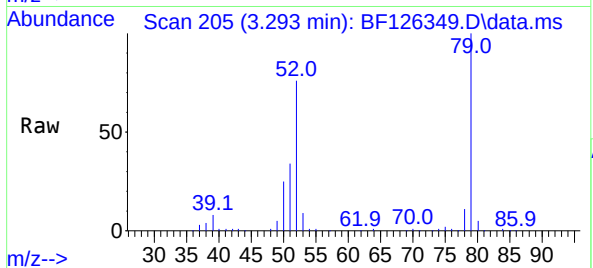
Tgt Ion: 88 Resp: 152792
Ion Ratio Lower Upper
88 100
58 81.2 0.0 0.0#
43 27.4 0.0 0.0#





#3
Pyridine
Concen: 48.110 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

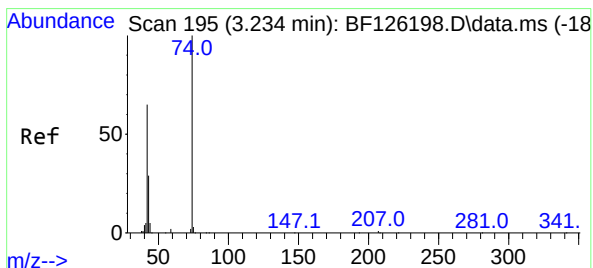
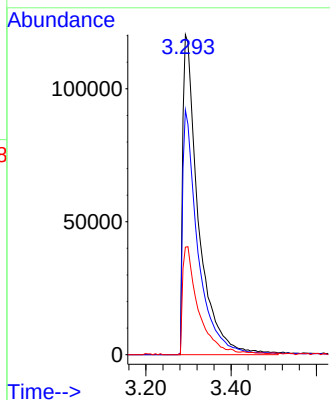
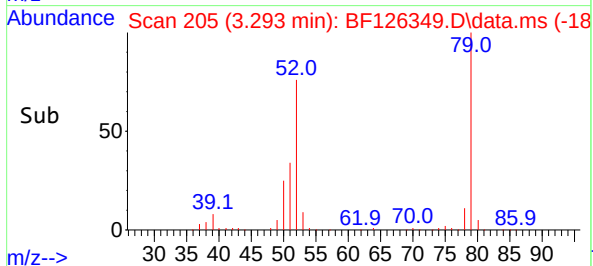
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



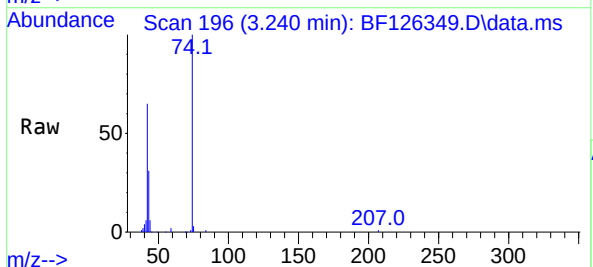
Tgt Ion: 79 Resp: 30820
Ion Ratio Lower Upper
79 100
52 76.4 70.3 105.5
51 33.6 44.1 66.1

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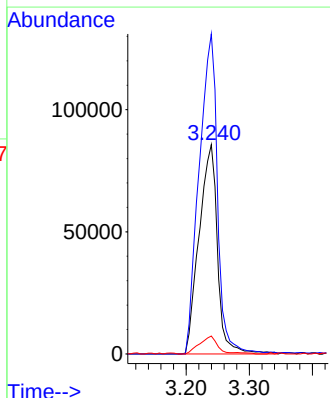
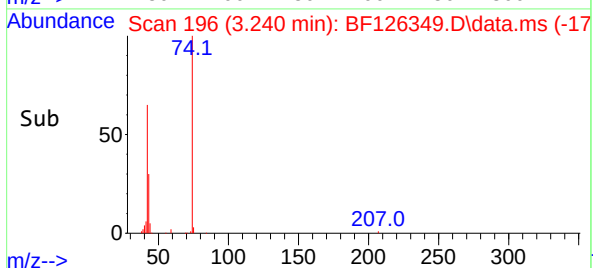
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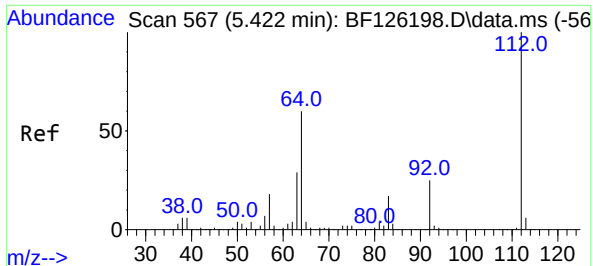


#4
n-Nitrosodimethylamine
Concen: 70.704 ng
RT: 3.240 min Scan# 196
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion: 42 Resp: 174082
Ion Ratio Lower Upper
42 100
74 152.9 59.0 88.6#
44 8.6 0.0 0.0#





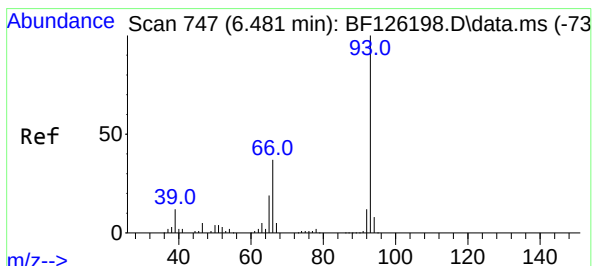
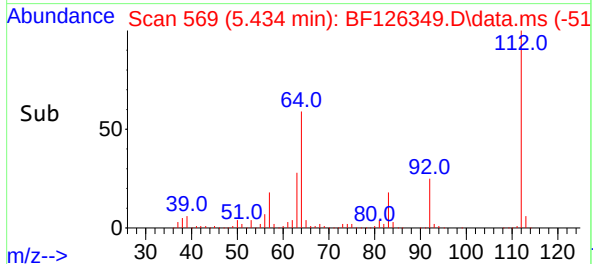
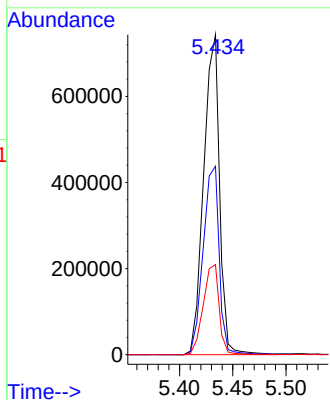
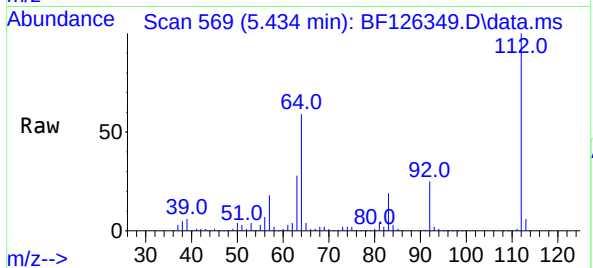
#5
2-Fluorophenol
Concen: 156.712 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

Instrument :
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DB-4-(7.5-8)-12-8-21MSD

Tgt Ion:112 Resp: 774458
Ion Ratio Lower Upper
112 100
64 58.9 44.2 66.2
63 28.2 26.2 39.2

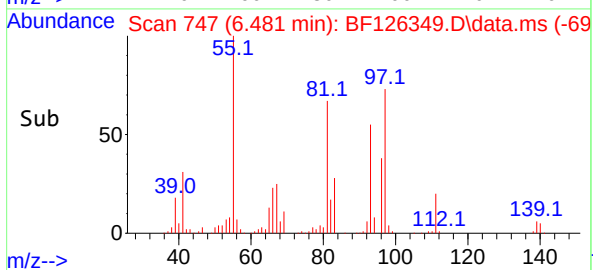
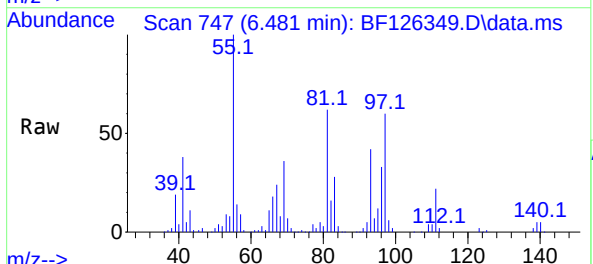
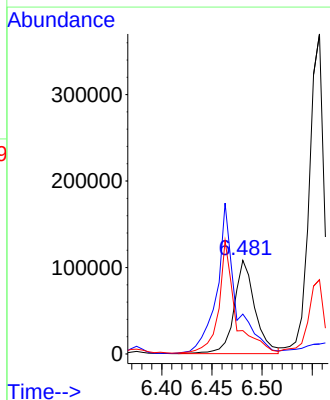
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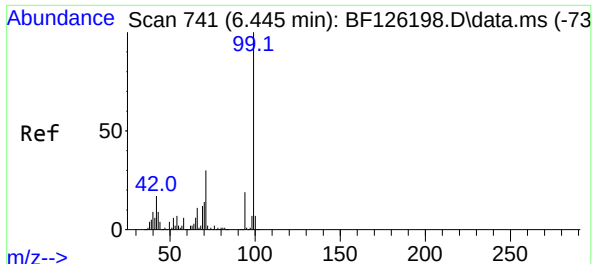
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#6
Aniline
Concen: 19.551 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

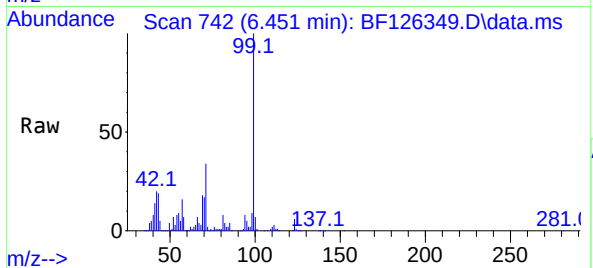
Tgt Ion: 93 Resp: 155834
Ion Ratio Lower Upper
93 100
66 42.6 32.7 49.1
65 24.9 14.2 21.4#





#7
Phenol-d6
Concen: 143.681 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

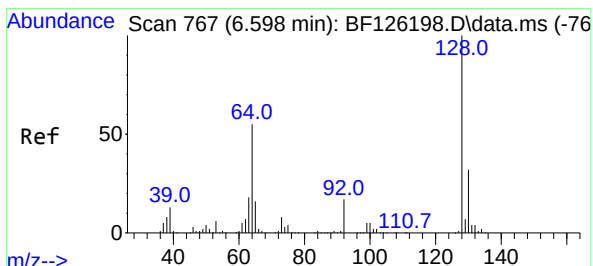
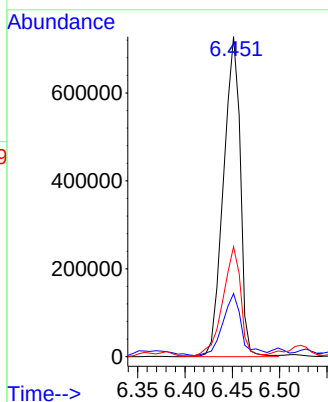
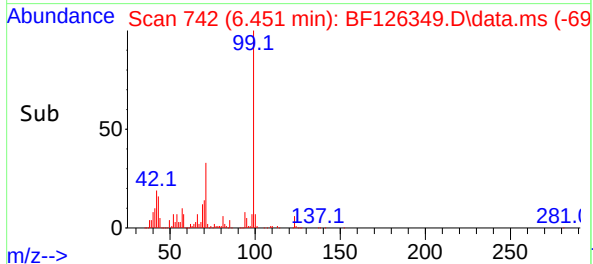
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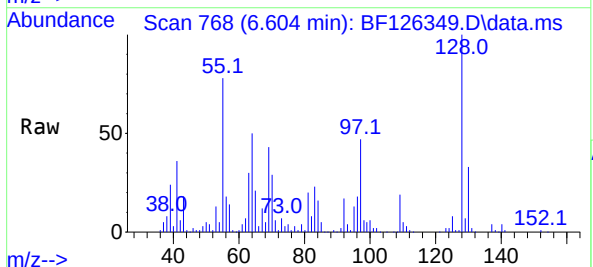
Tgt Ion: 99 Resp: 901594
Ion Ratio Lower Upper
99 100
42 19.7 23.5 35.3
71 34.3 25.6 38.4

Manual Integrations
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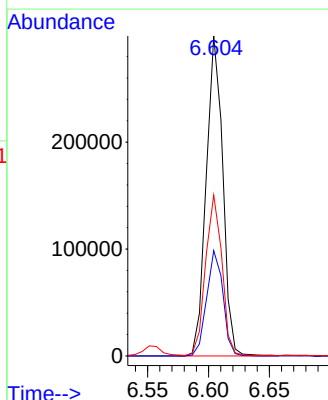
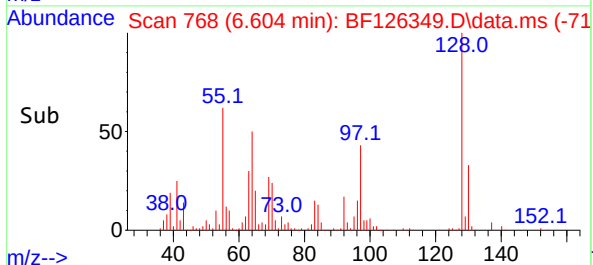
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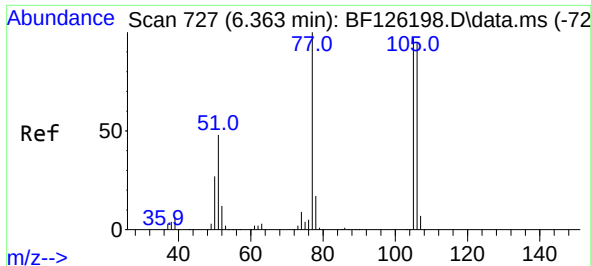


#8
2-Chlorophenol
Concen: 56.473 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion:128 Resp: 283016
Ion Ratio Lower Upper
128 100
130 32.9 10.5 50.5
64 50.3 20.3 60.3





#9

Benzaldehyde

Concen: 57.248 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126349.D

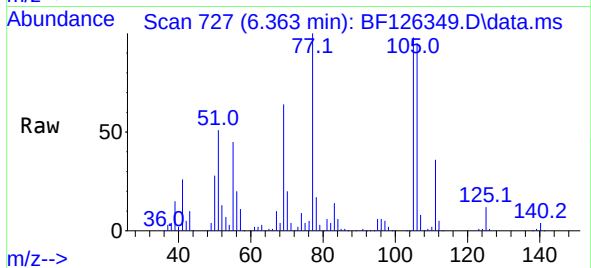
Acq: 23 Dec 2021 17:43

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD



Tgt Ion: 77 Resp: 216772

Ion Ratio Lower Upper

77 100

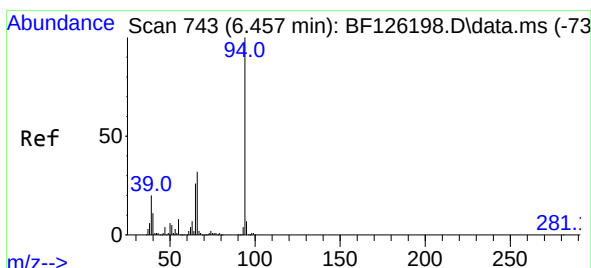
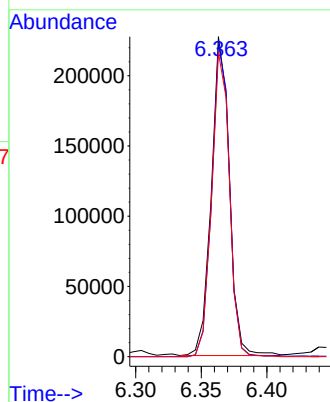
105 97.7 75.9 115.9

106 94.9 84.0 124.0

Manual Integrations

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Supervised By :mohammad ahmed 12/31/2021



#10

Phenol

Concen: 57.360 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

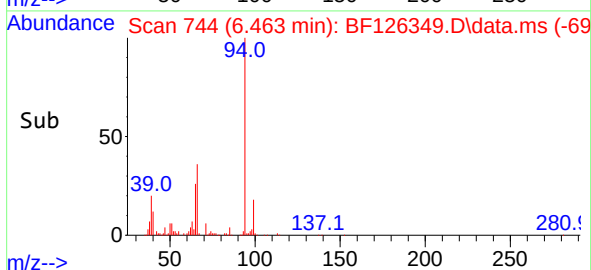
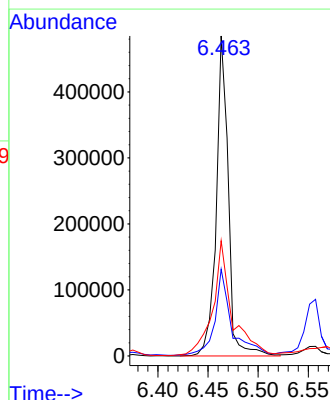
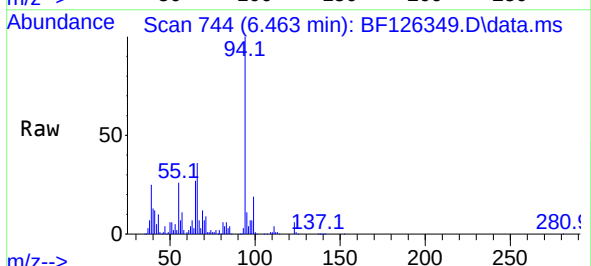
Tgt Ion: 94 Resp: 404030

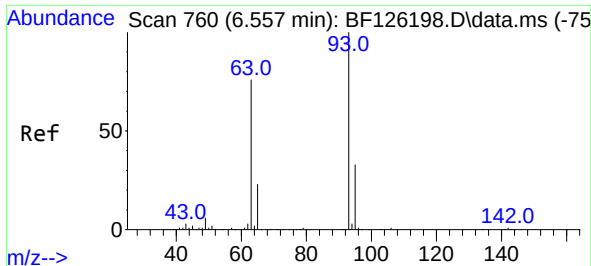
Ion Ratio Lower Upper

94 100

65 27.1 9.3 49.3

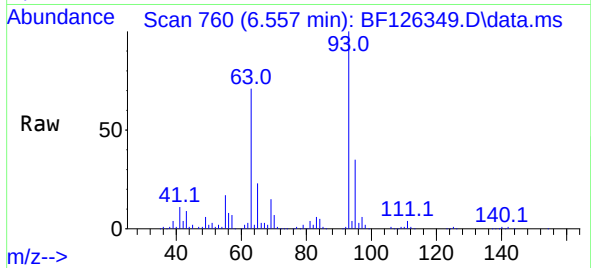
66 36.0 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 68.778 ng
RT: 6.557 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

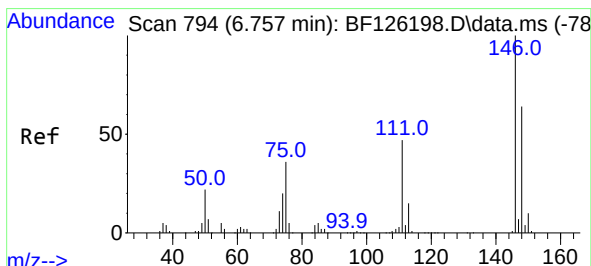
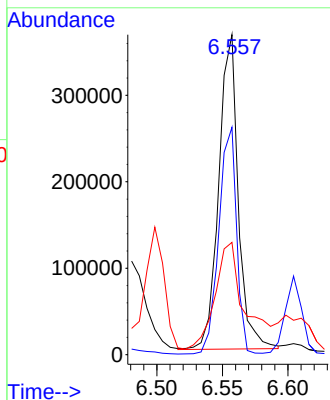
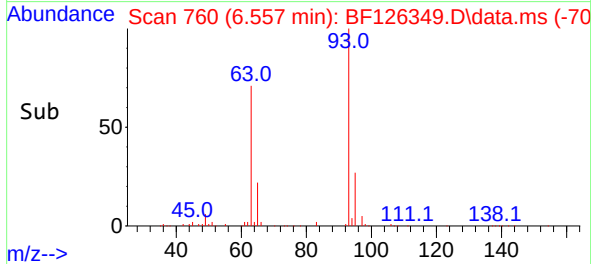
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



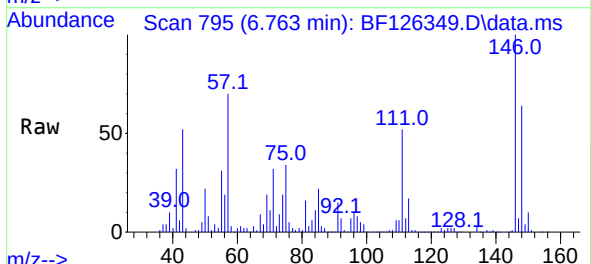
Tgt Ion: 93 Resp: 37603
Ion Ratio Lower Upper
93 100
63 71.1 54.4 94.4
95 35.1 11.4 51.4

Manual Integrations
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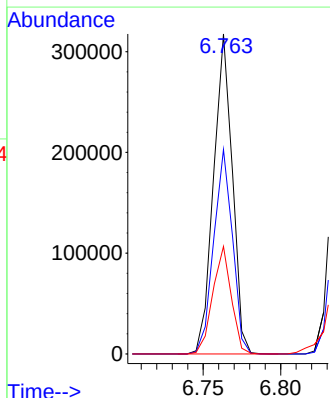
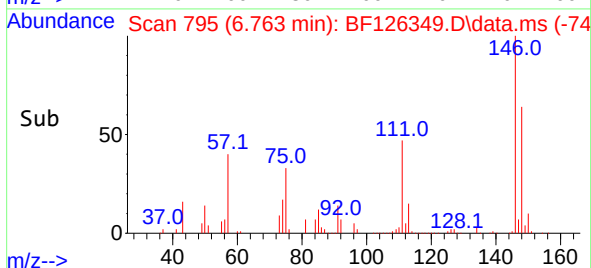
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

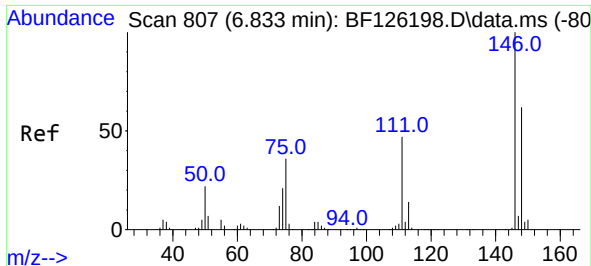


#12
1,3-Dichlorobenzene
Concen: 52.970 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion:146 Resp: 267783
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
75 33.6 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 49.866 ng

RT: 6.840 min Scan# 807

Delta R.T. 0.006 min

Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

Tgt Ion:146 Resp: 254560

Ion Ratio Lower Upper

146 100

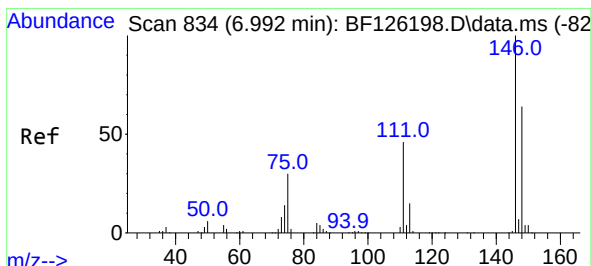
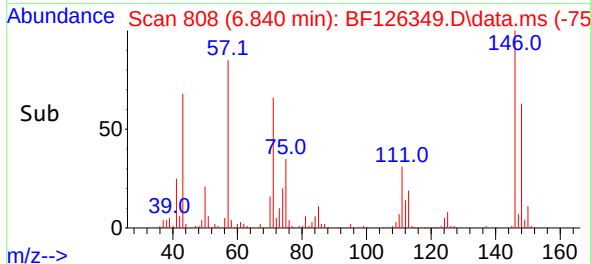
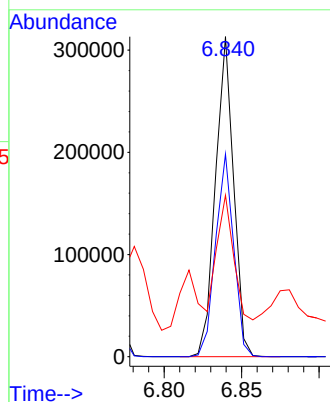
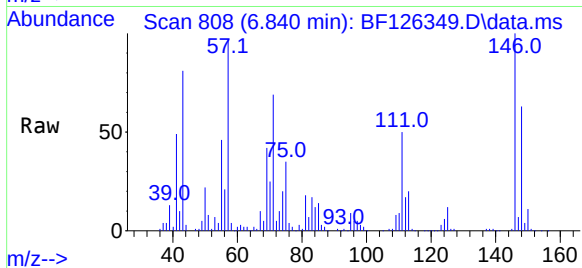
148 63.3 51.9 77.9

111 50.4 31.8 47.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#14

1,2-Dichlorobenzene

Concen: 50.443 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

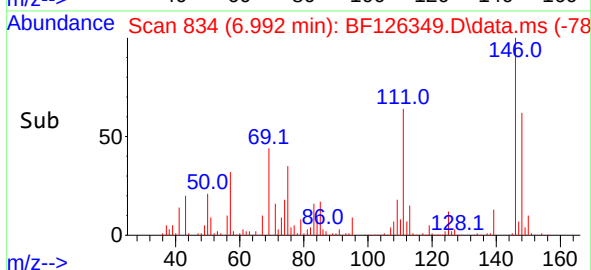
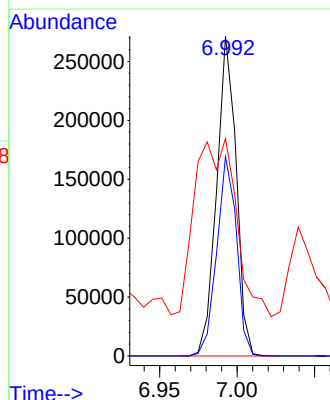
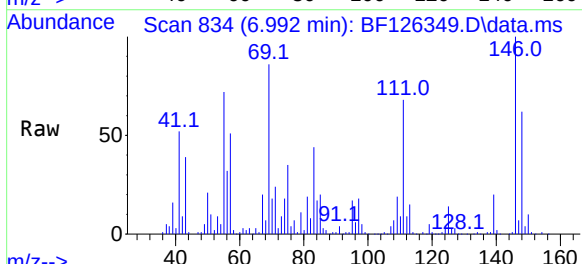
Tgt Ion:146 Resp: 238100

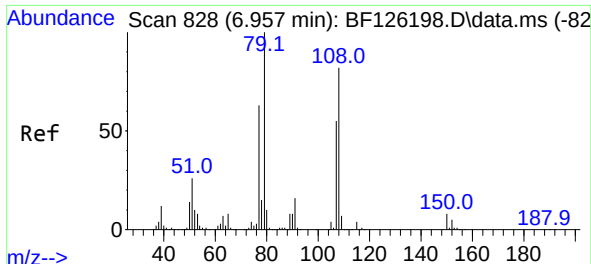
Ion Ratio Lower Upper

146 100

148 62.2 50.6 75.8

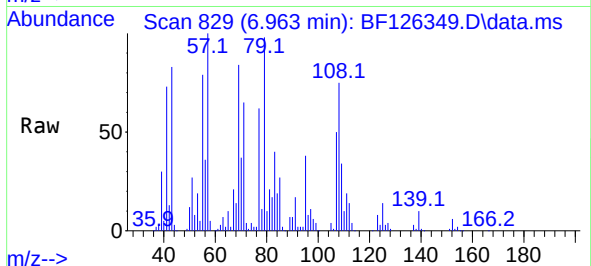
111 68.0 33.5 50.3





#15
Benzyl Alcohol
Concen: 41.113 ng m
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

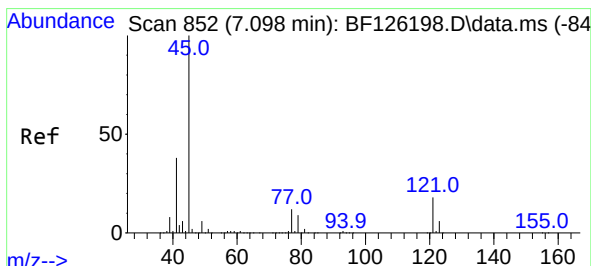
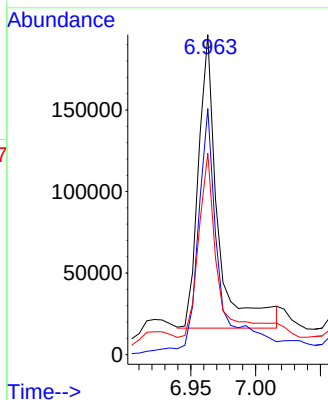
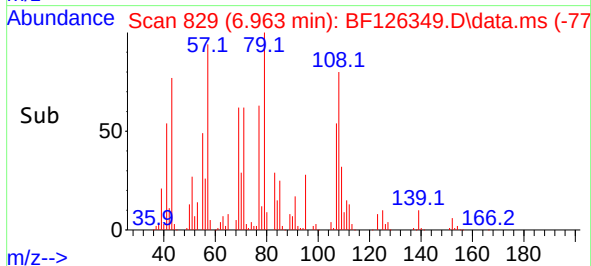
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



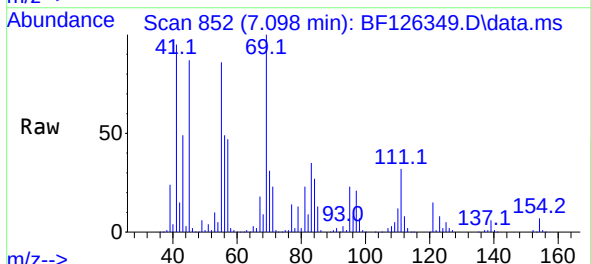
Tgt Ion: 79 Resp: 18833
Ion Ratio Lower Upper
79 100
108 76.9 60.4 90.6
77 62.9 51.5 77.3

Manual Integrations
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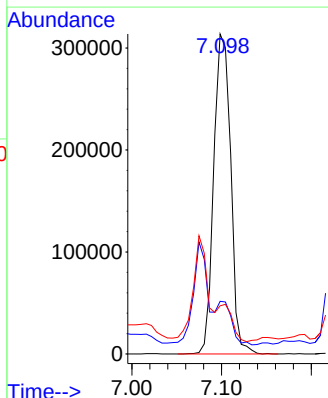
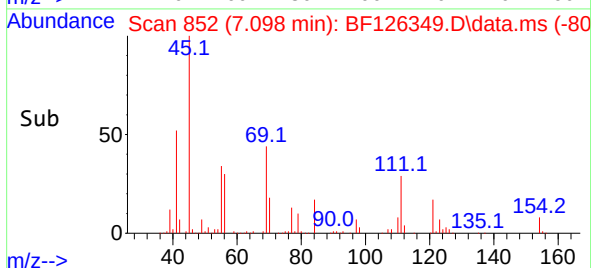
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

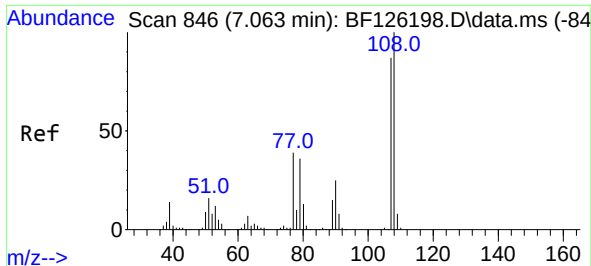


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.989 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



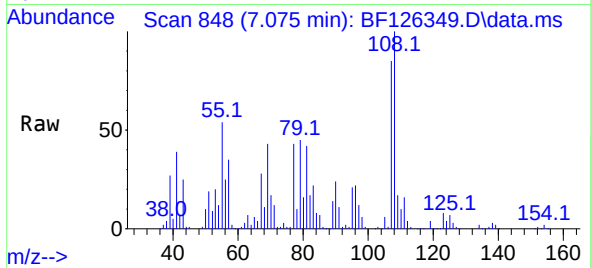
Tgt Ion: 45 Resp: 411474
Ion Ratio Lower Upper
45 100
77 16.4 0.0 30.6
79 15.1 0.0 27.5





#17
2-Methylphenol
Concen: 49.597 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

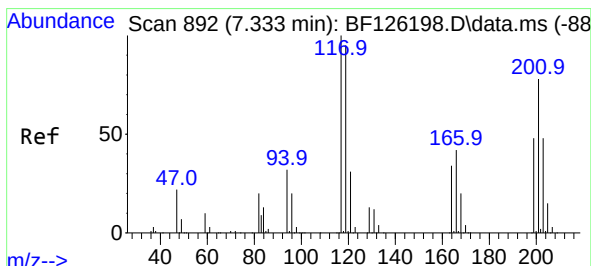
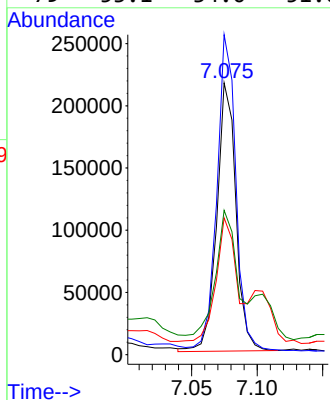
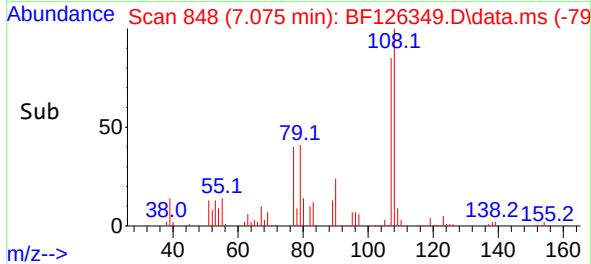
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



Tgt Ion:107 Resp: 217740
Ion Ratio Lower Upper
107 100
108 117.7 90.6 135.8
77 50.3 35.7 53.5
79 53.1 34.0 51.0#

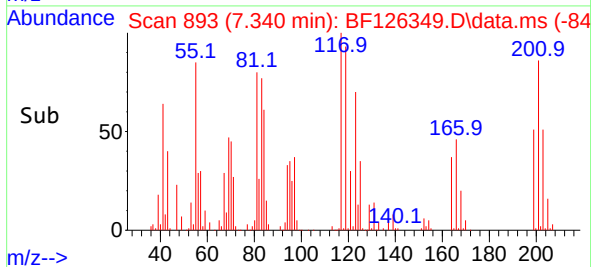
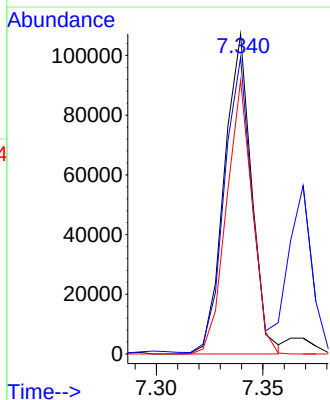
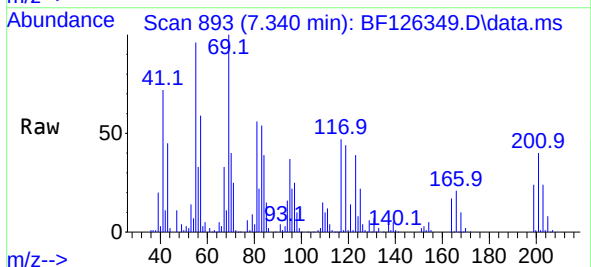
Manual Integrations
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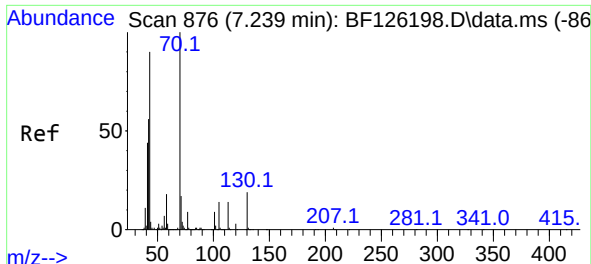
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#18
Hexachloroethane
Concen: 47.499 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

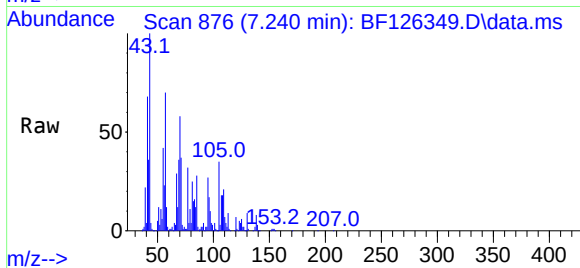
Tgt Ion:117 Resp: 95381
Ion Ratio Lower Upper
117 100
119 92.7 73.4 110.2
201 85.5 64.9 97.3





#19
n-Nitroso-di-n-propylamine
Concen: 49.313 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

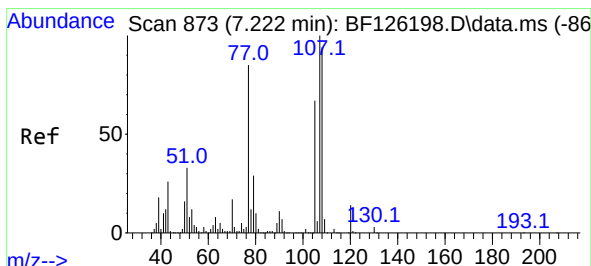
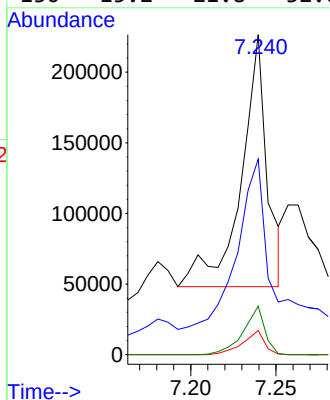
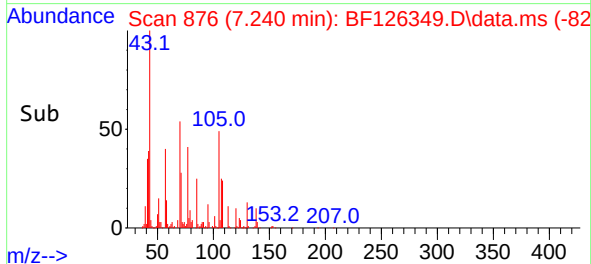
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



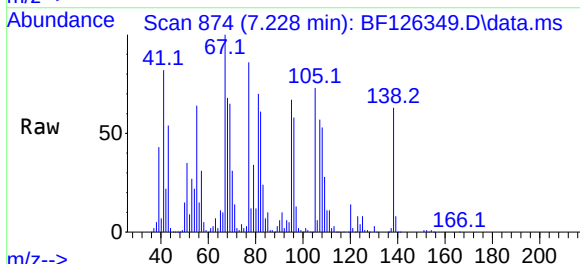
Tgt Ion: 70 Resp: 189962
Ion Ratio Lower Upper
70 100
42 61.1 72.2 108.2
101 7.5 7.8 11.8
130 15.2 21.8 32.6#

Manual Integrations
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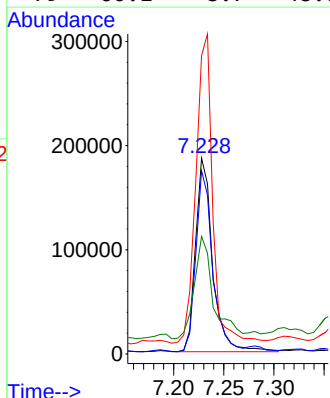
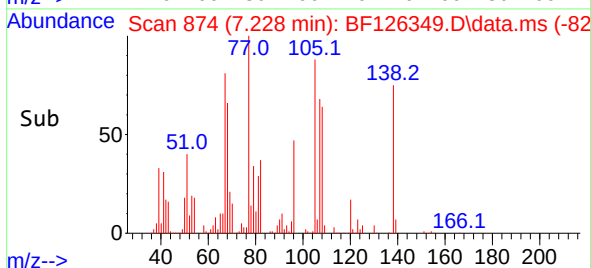
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

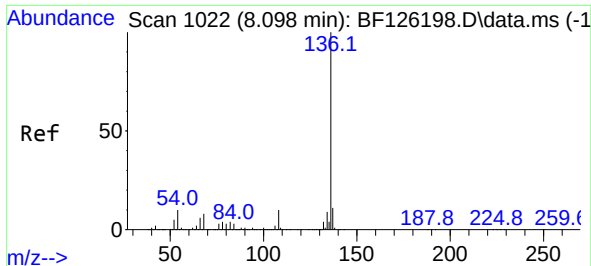


#20
3+4-Methylphenols
Concen: 42.415 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



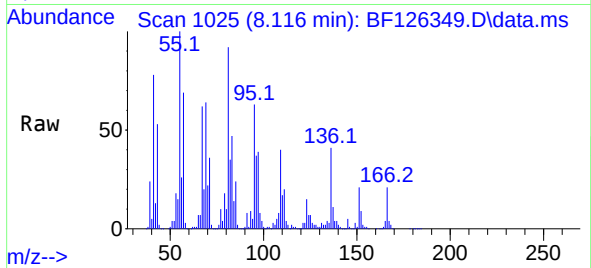
Tgt Ion:107 Resp: 220139
Ion Ratio Lower Upper
107 100
108 93.6 76.6 116.6
77 152.3 53.3 93.3#
79 60.1 8.7 48.7#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1022
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

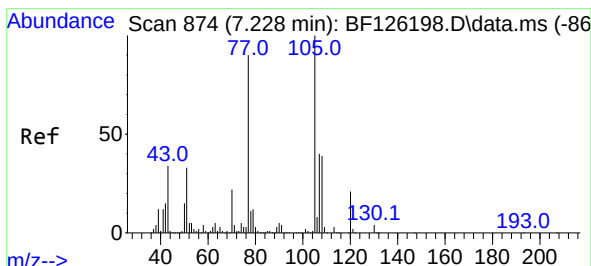
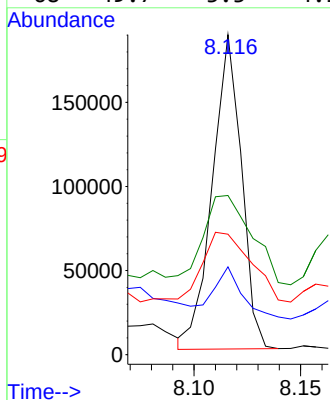
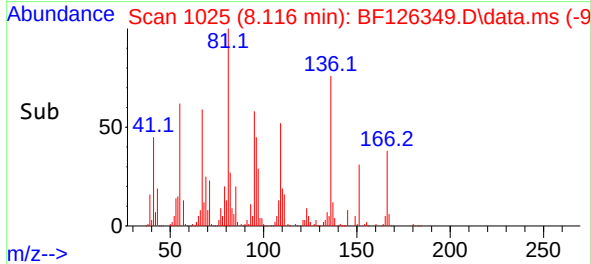
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



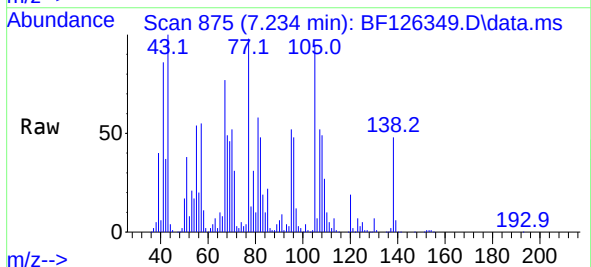
Tgt Ion:136 Resp: 177260
Ion Ratio Lower Upper
136 100
137 27.5 9.8 14.6
54 37.7 6.4 9.6
68 49.7 3.3 4.9

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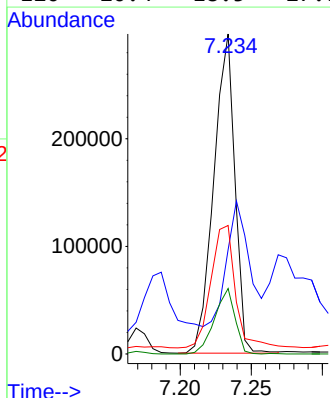
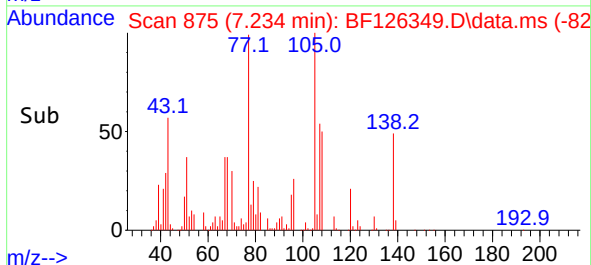
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

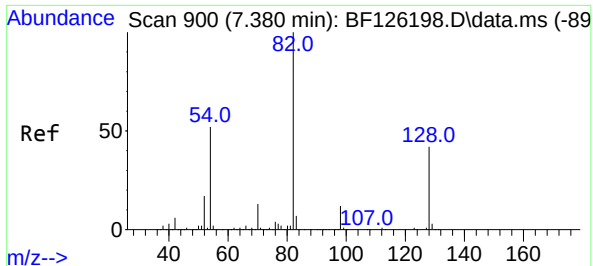


#22
Acetophenone
Concen: 75.131 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



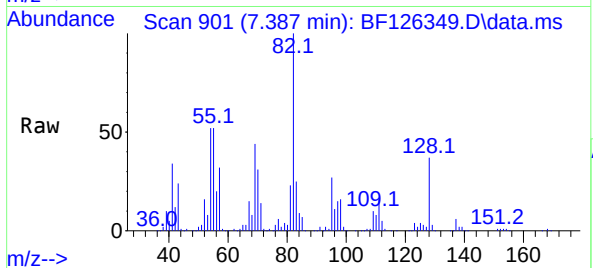
Tgt Ion:105 Resp: 306501
Ion Ratio Lower Upper
105 100
71 32.6 5.5 8.3
51 40.2 26.0 39.0
120 20.4 18.5 27.7





#23
Nitrobenzene-d5
Concen: 168.060 ng m
RT: 7.387 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

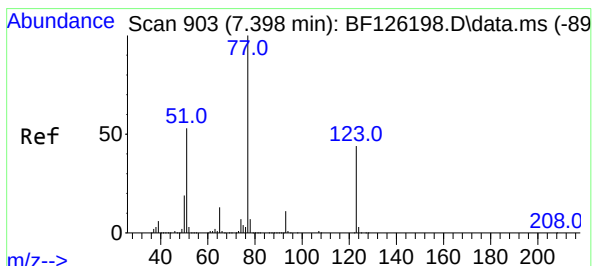
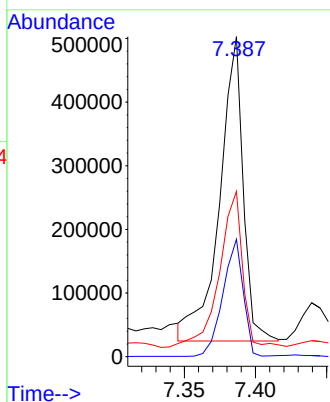
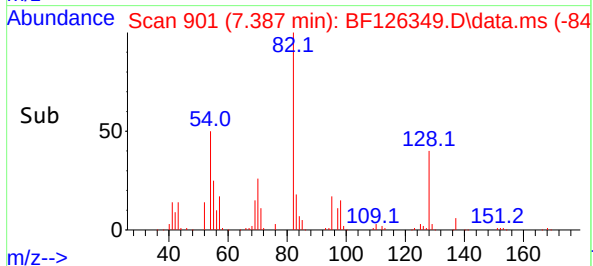
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



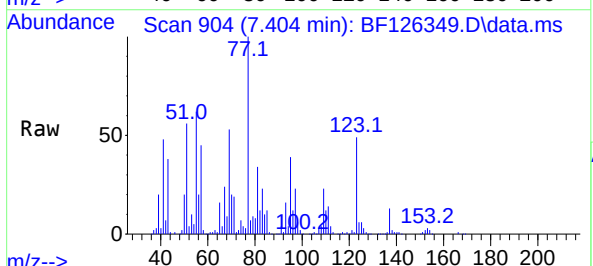
Tgt Ion: 82 Resp: 550052
Ion Ratio Lower Upper
82 100
128 36.7 40.6 60.8
54 51.7 49.6 74.4

Manual Integrations
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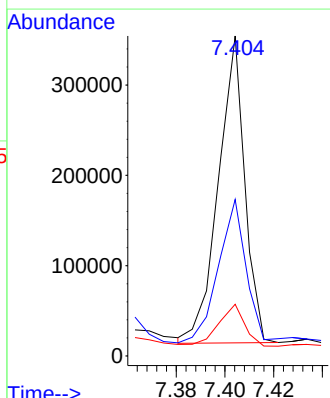
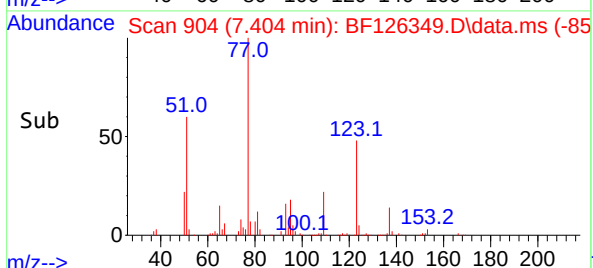
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

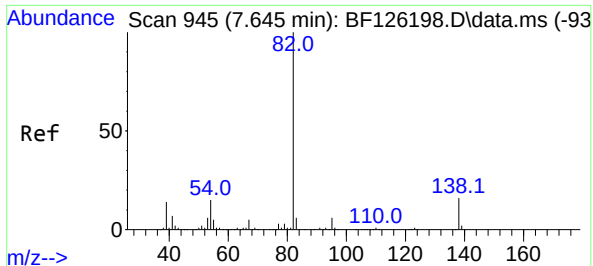


#24
Nitrobenzene
Concen: 78.281 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



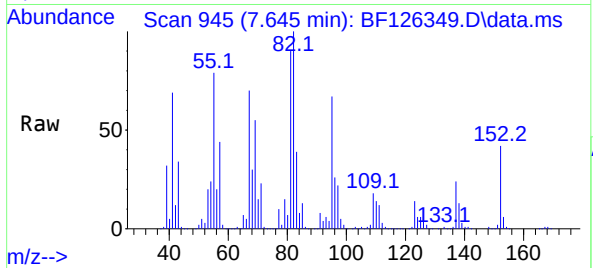
Tgt Ion: 77 Resp: 255770
Ion Ratio Lower Upper
77 100
123 48.9 42.3 63.5
65 16.1 12.4 18.6





#25
Isophorone
Concen: 81.963 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

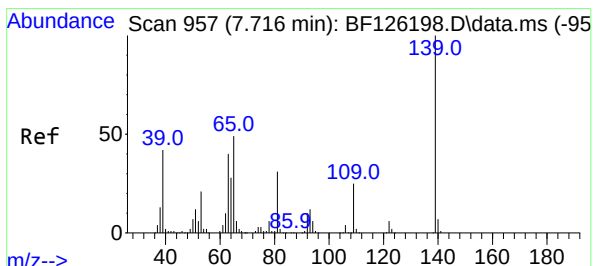
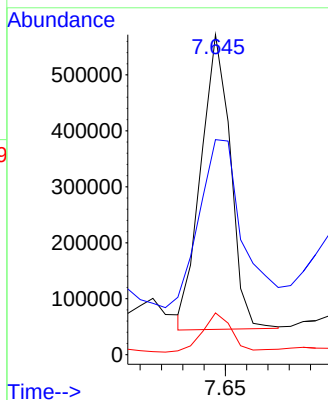
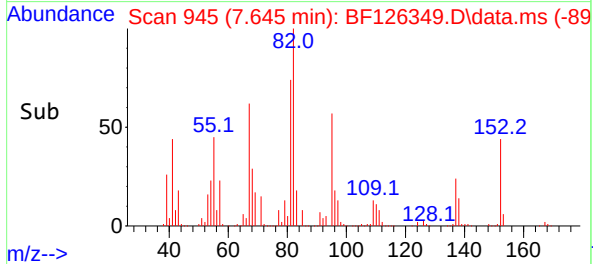
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



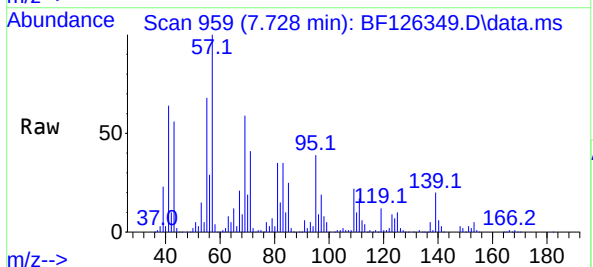
Tgt Ion: 82 Resp: 506580
Ion Ratio Lower Upper
82 100
95 67.2 6.5 9.7
138 13.1 18.4 27.6

Manual Integrations
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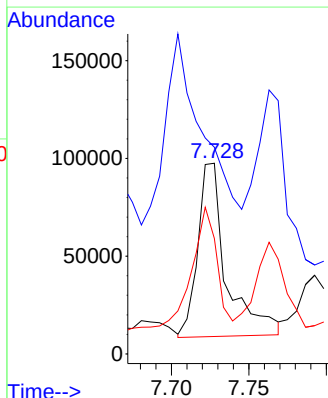
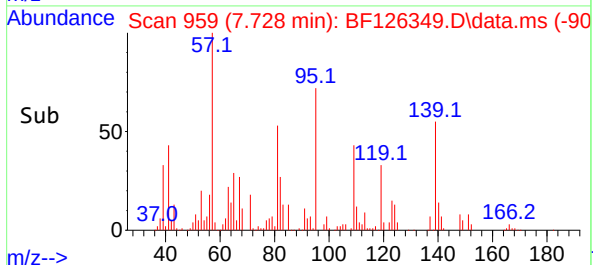
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

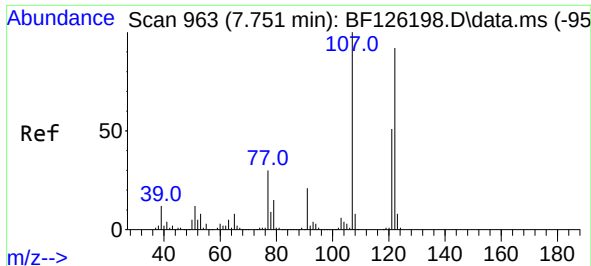


#26
2-Nitrophenol
Concen: 77.846 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



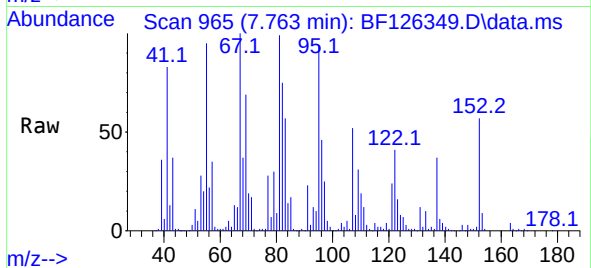
Tgt Ion:139 Resp: 114660
Ion Ratio Lower Upper
139 100
109 108.5 26.0 39.0#
65 60.6 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 76.358 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

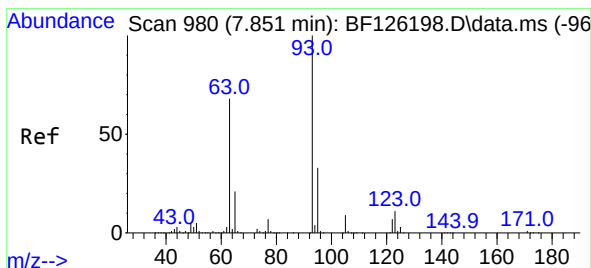
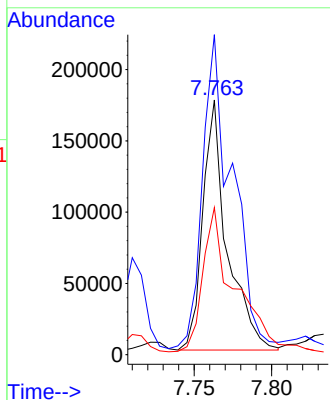
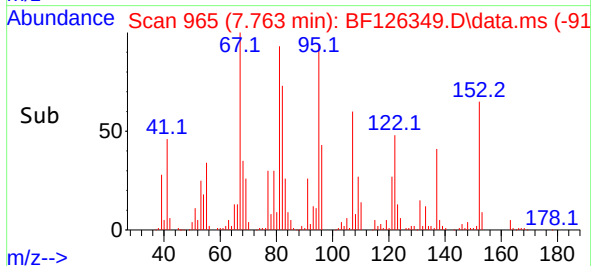
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



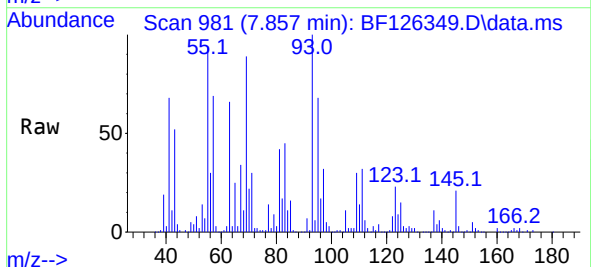
Tgt Ion:122 Resp: 19099
Ion Ratio Lower Upper
122 100
107 125.6 85.0 127.6
121 57.8 43.3 64.9

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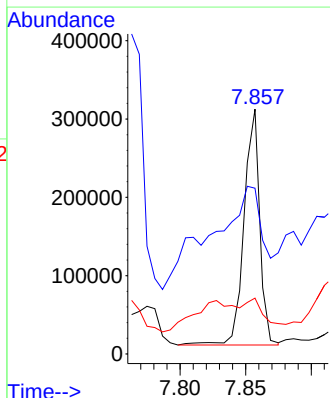
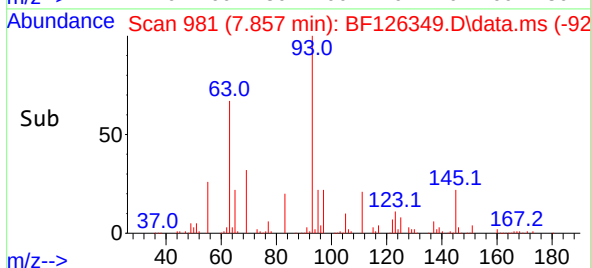
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

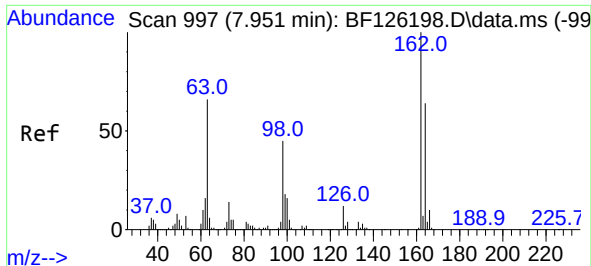


#28
bis(2-Chloroethoxy)methane
Concen: 61.952 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



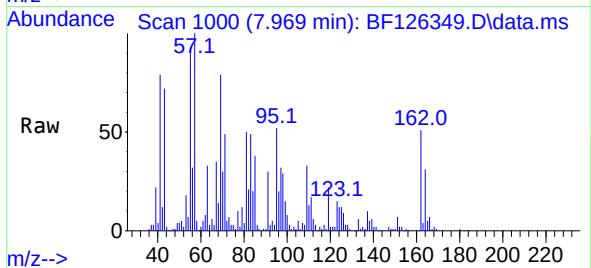
Tgt Ion: 93 Resp: 251745
Ion Ratio Lower Upper
93 100
95 67.7 26.1 39.1#
123 22.8 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 71.715 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

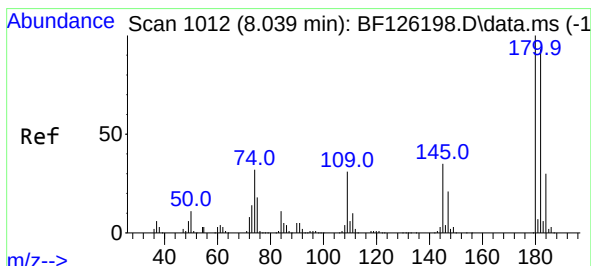
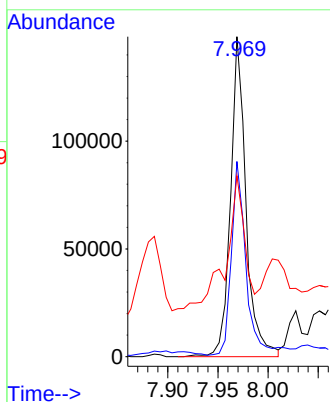
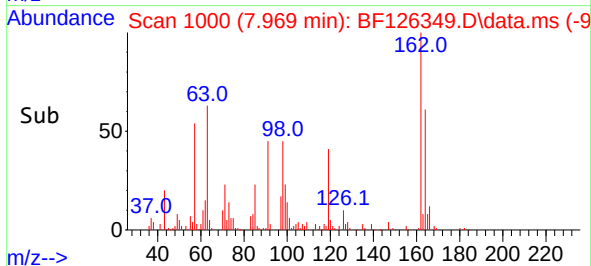
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



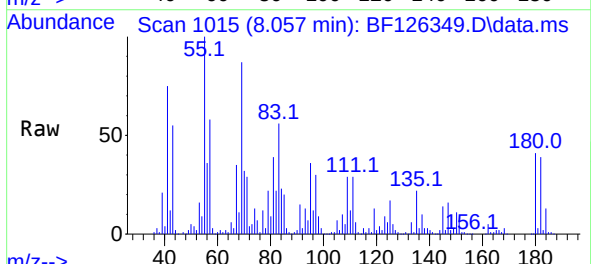
Tgt Ion:162 Resp: 15945
Ion Ratio Lower Upper
162 100
164 61.0 44.5 84.5
98 56.6 13.0 53.0

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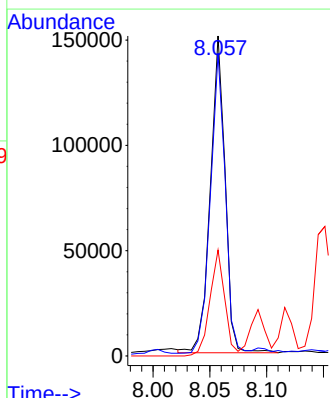
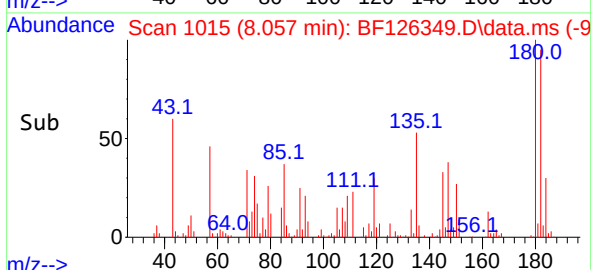
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

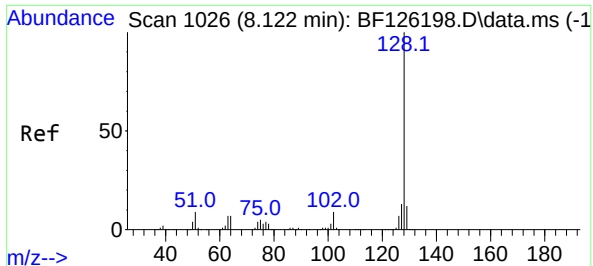


#30
1,2,4-Trichlorobenzene
Concen: 59.117 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



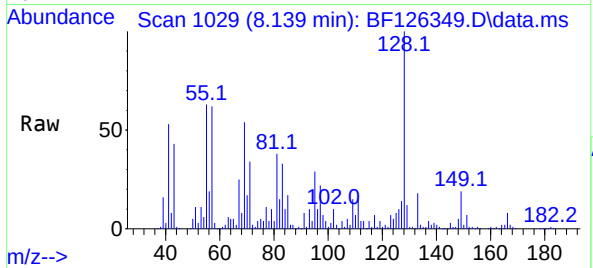
Tgt Ion:180 Resp: 135960
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 33.1 26.7 40.1





#31
Naphthalene
Concen: 55.942 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

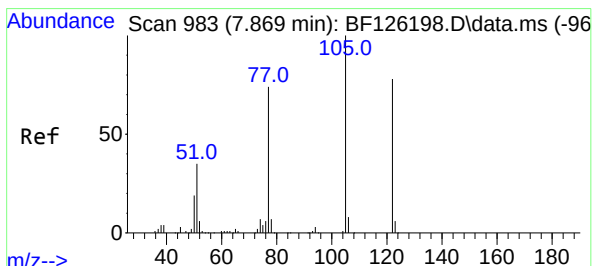
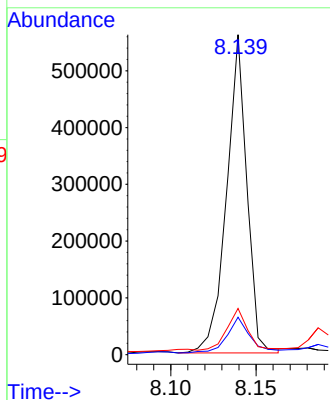
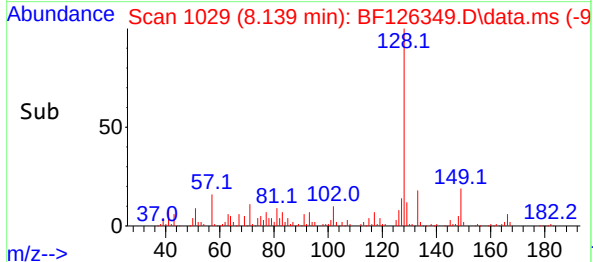
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



Tgt Ion:128 Resp: 463730
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.4 10.9 16.3

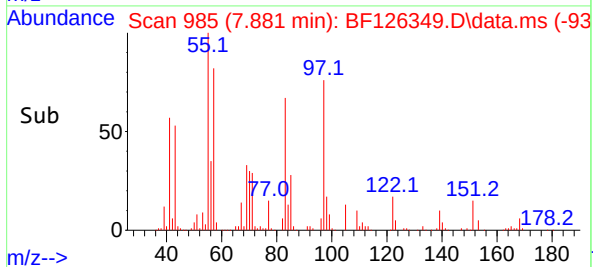
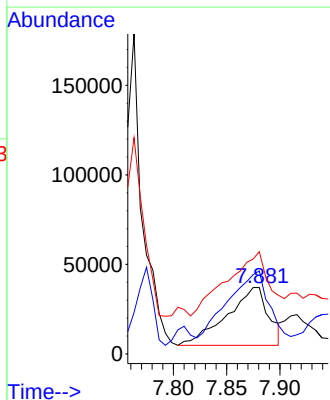
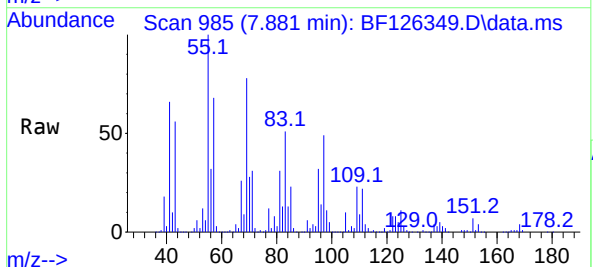
Manual Integrations
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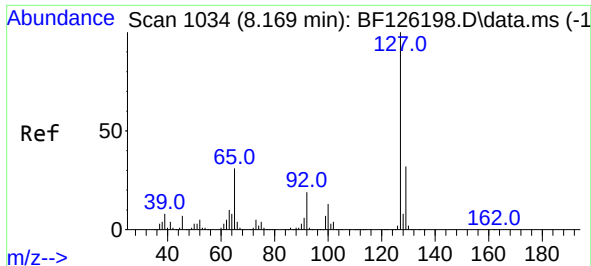
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#32
Benzoic acid
Concen: 40.897 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

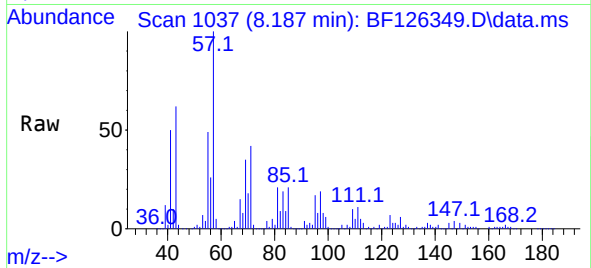
Tgt Ion:122 Resp: 88128
Ion Ratio Lower Upper
122 100
105 125.0 97.6 137.6
77 153.9 59.6 99.6#





#33
4-Chloroaniline
Concen: 14.538 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

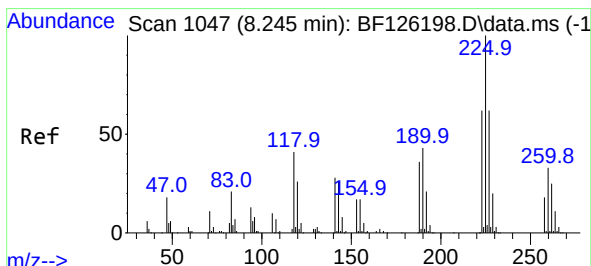
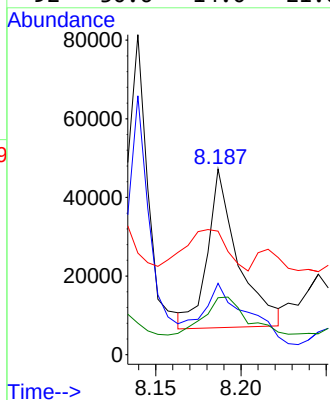
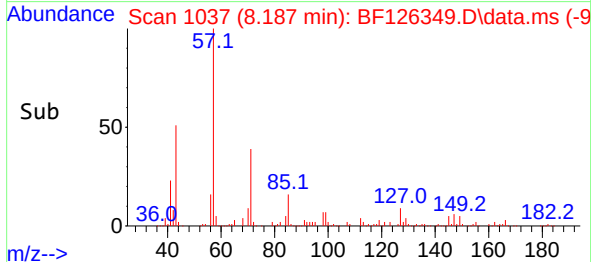


Tgt Ion:127 Resp: 50319

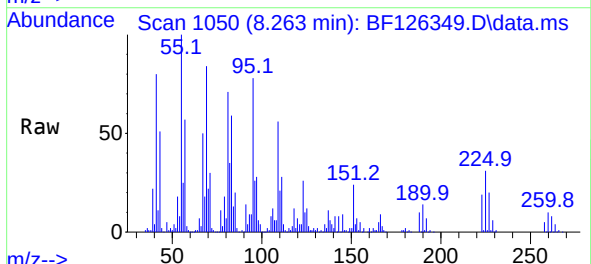
Ion	Ratio	Lower	Upper
127	100		
129	38.4	25.7	38.5
65	66.5	21.2	31.8
92	30.6	14.0	21.0

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Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

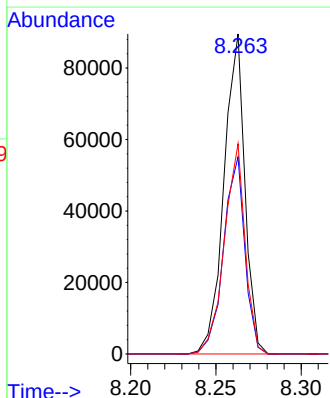
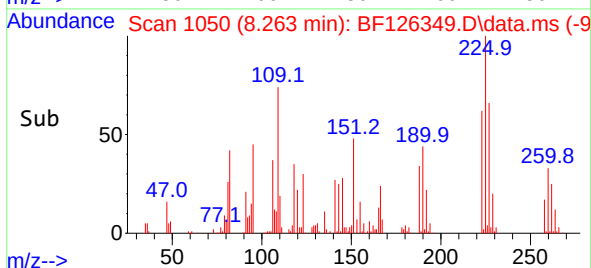


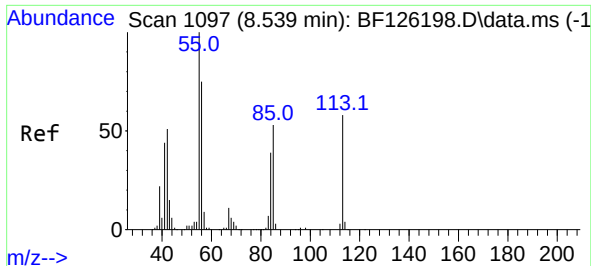
#34
Hexachlorobutadiene
Concen: 67.715 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion:225 Resp: 76485

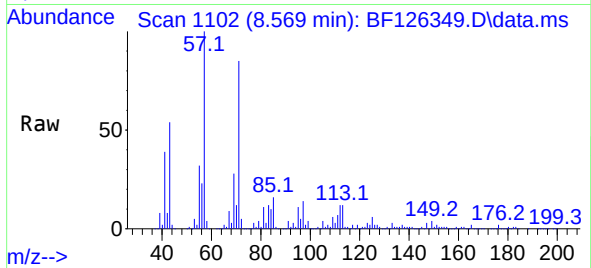
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	65.7	50.6	75.8





#35
Caprolactam
Concen: 425.506 ng
RT: 8.569 min Scan# 1112
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

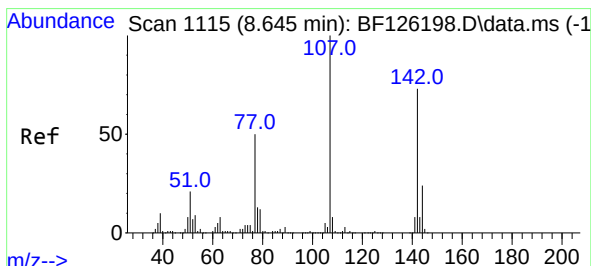
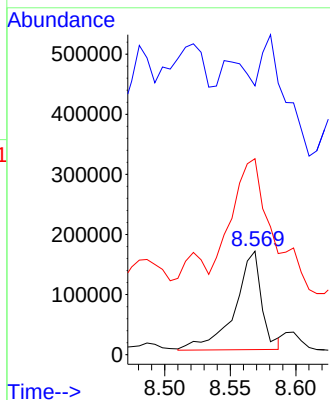
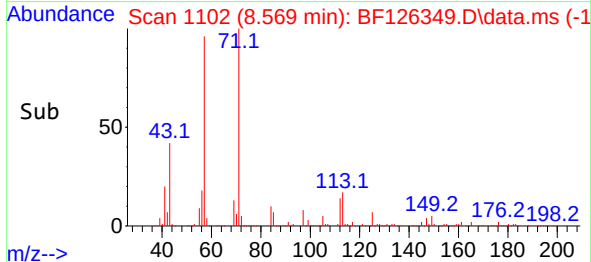
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



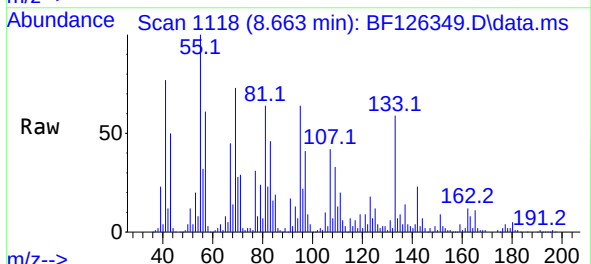
Tgt Ion:113 Resp: 23512
Ion Ratio Lower Upper
113 100
55 259.5 154.1 194.1#
56 189.3 108.7 148.7#

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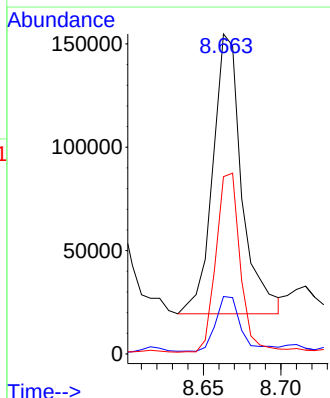
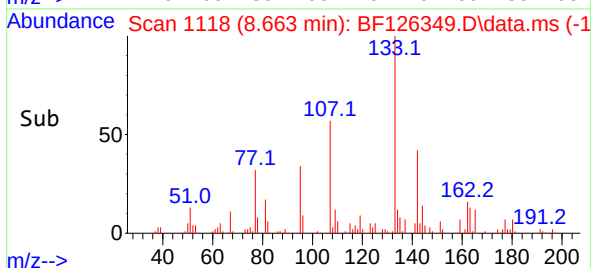
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

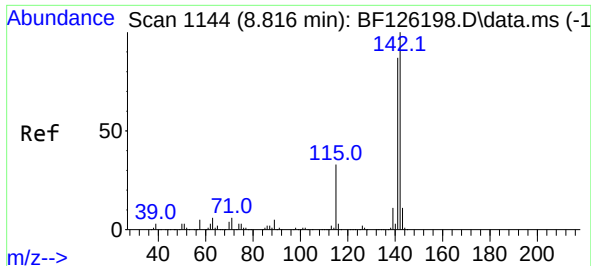


#36
4-Chloro-3-methylphenol
Concen: 67.321 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion:107 Resp: 176565
Ion Ratio Lower Upper
107 100
144 18.0 21.9 32.9#
142 55.4 67.1 100.7#





#37

2-Methylnaphthalene

Concen: 52.913 ng

RT: 8.839 min Scan# 1144

Delta R.T. 0.024 min

Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

Tgt Ion:142 Resp: 27012

Ion Ratio Lower Upper

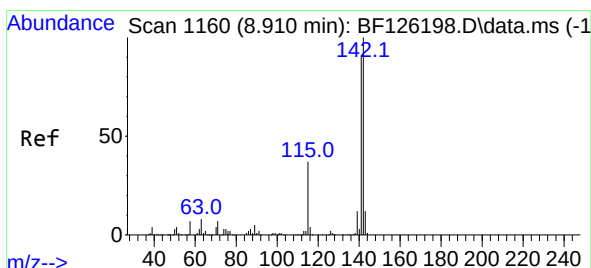
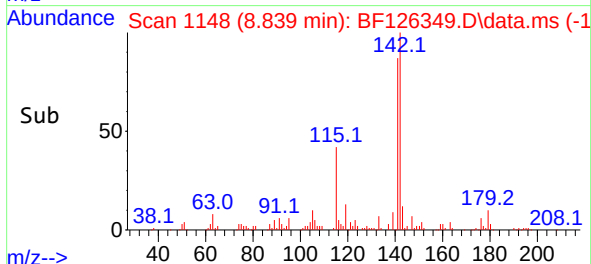
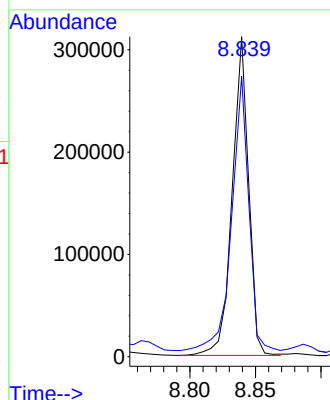
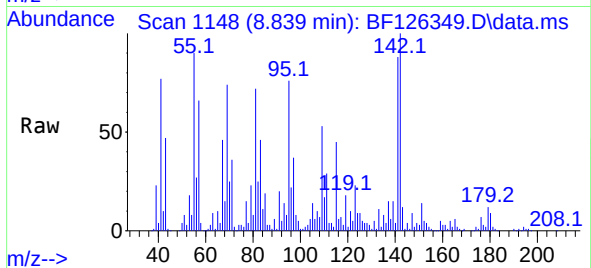
142 100

141 87.6 71.2 106.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#38

1-Methylnaphthalene

Concen: 49.760 ng

RT: 8.939 min Scan# 1165

Delta R.T. 0.024 min

Lab File: BF126349.D

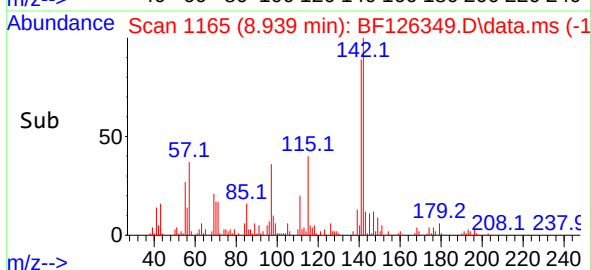
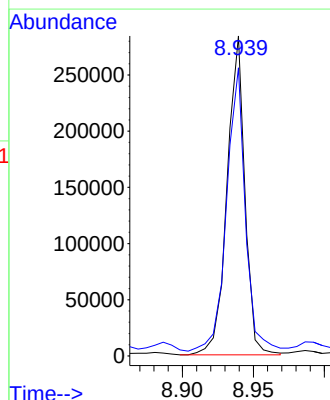
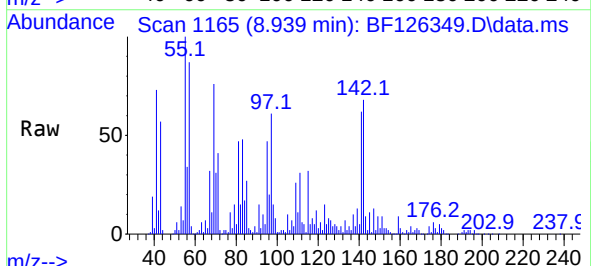
Acq: 23 Dec 2021 17:43

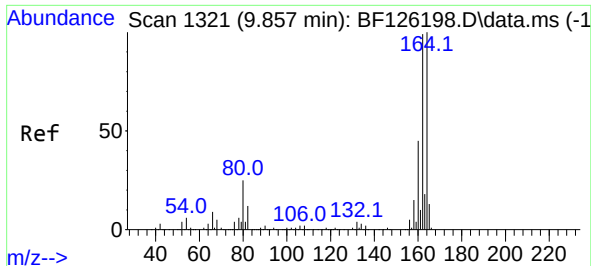
Tgt Ion:142 Resp: 246525

Ion Ratio Lower Upper

142 100

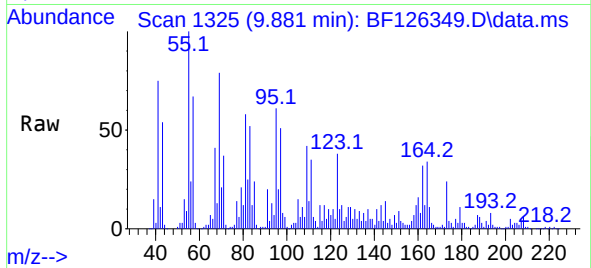
141 90.1 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1177
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

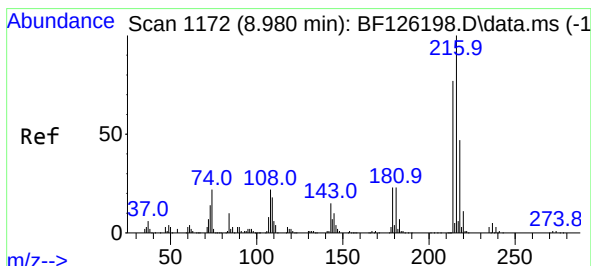
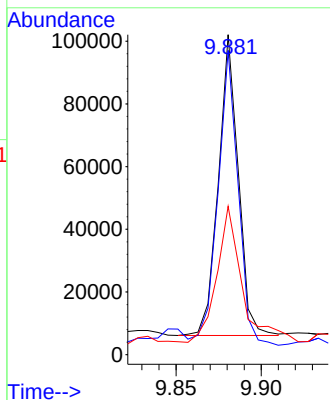
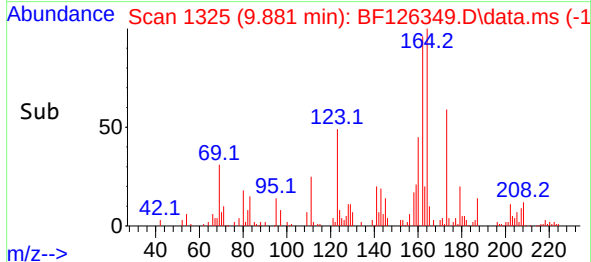
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



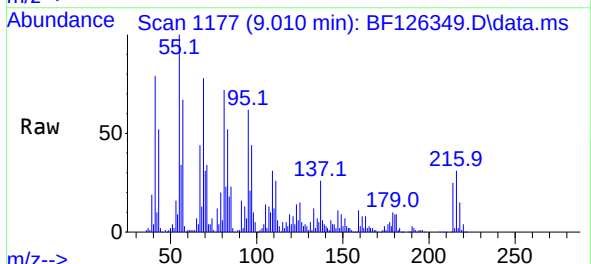
Tgt Ion:164 Resp: 77884
Ion Ratio Lower Upper
164 100
162 95.1 81.3 121.9
160 46.4 38.0 57.0

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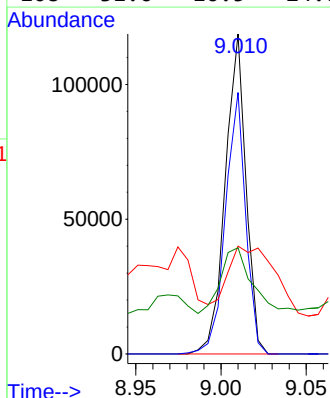
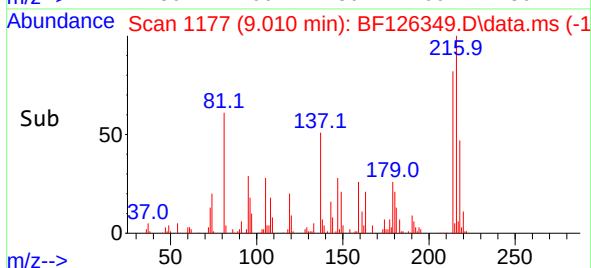
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

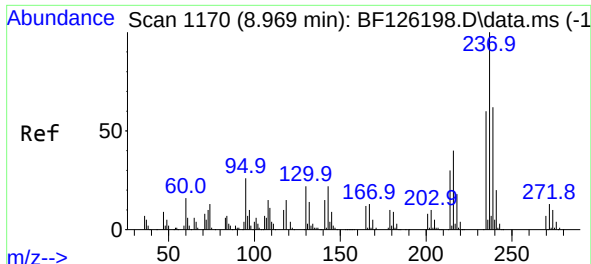


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.778 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



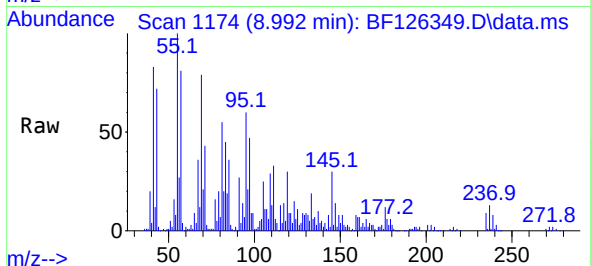
Tgt Ion:216 Resp: 100485
Ion Ratio Lower Upper
216 100
214 80.0 64.9 97.3
179 53.8 17.4 26.2#
108 31.6 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 37.977 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

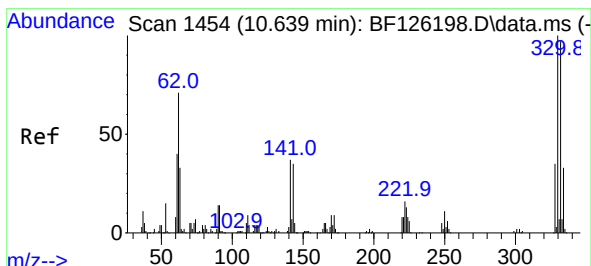
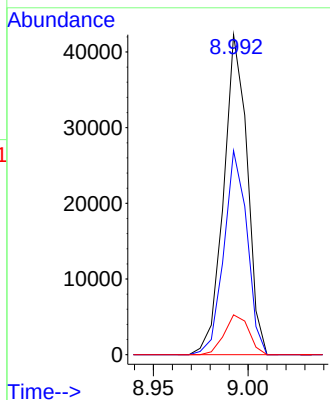
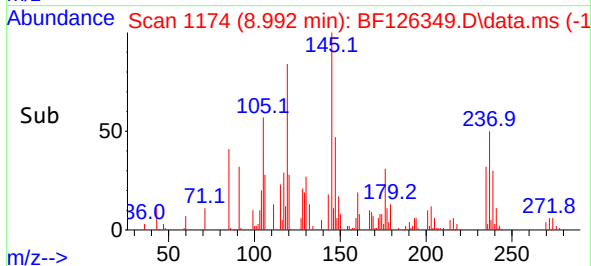
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



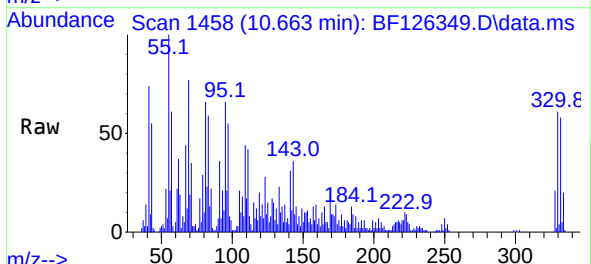
Tgt Ion:237 Resp: 36550
Ion Ratio Lower Upper
237 100
235 63.8 44.7 84.7
272 12.5 0.0 31.6

Manual Integrations
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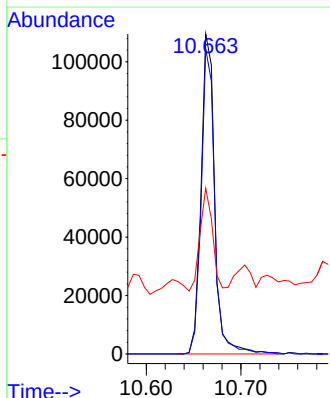
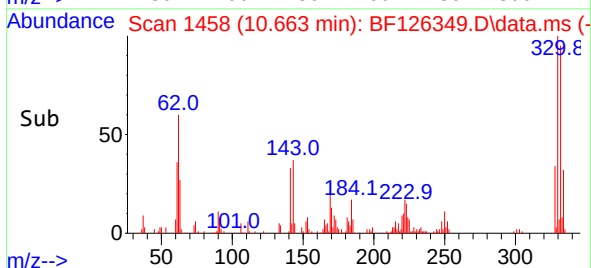
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

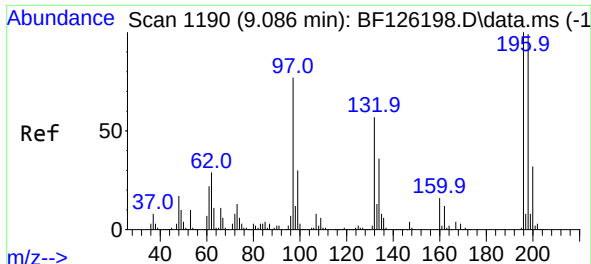


#42
2,4,6-Tribromophenol
Concen: 174.939 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion:330 Resp: 109496
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 29.3 44.6 66.8#





#43

2,4,6-Trichlorophenol

Concen: 52.035 ng

RT: 9.110 min Scan# 1190

Delta R.T. 0.018 min

Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

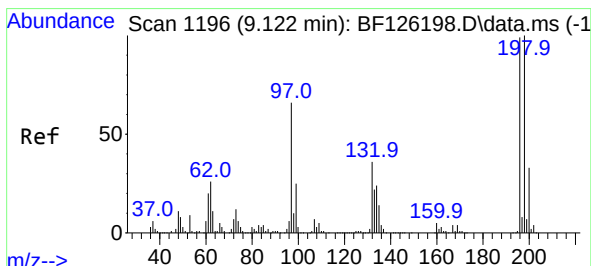
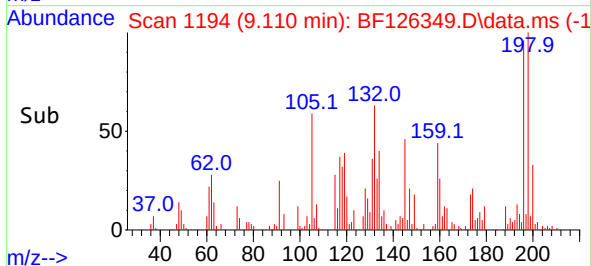
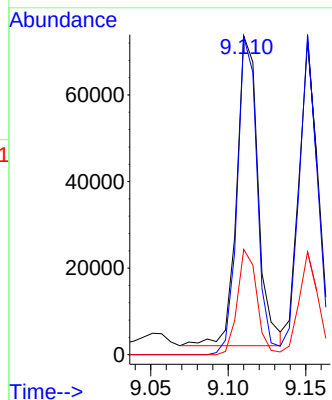
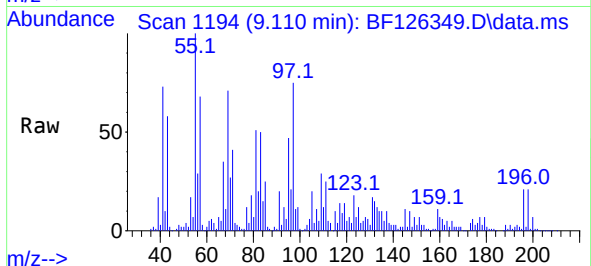
Tgt Ion:196 Resp: 6880

Ion	Ratio	Lower	Upper
196	100		
198	99.7	74.9	112.3
200	33.0	27.0	40.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#44

2,4,5-Trichlorophenol

Concen: 46.573 ng

RT: 9.151 min Scan# 1201

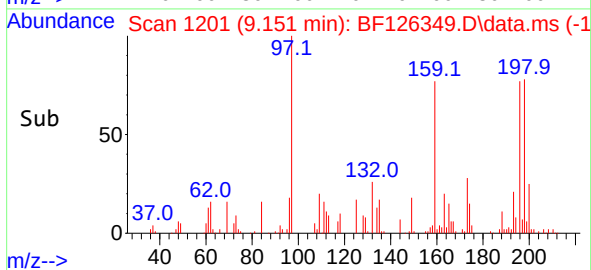
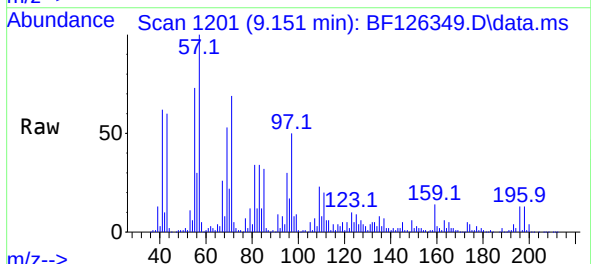
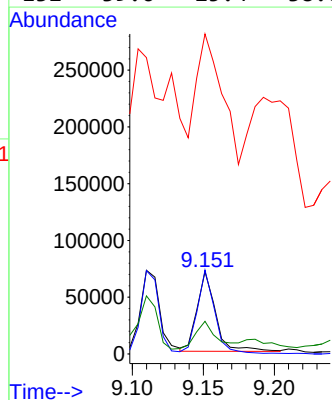
Delta R.T. 0.024 min

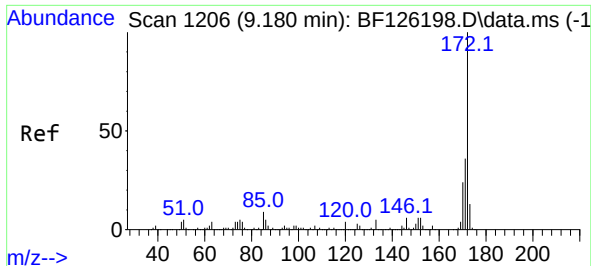
Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

Tgt Ion:196 Resp: 63775

Ion	Ratio	Lower	Upper
196	100		
198	102.1	80.2	120.2
97	389.3	44.0	66.0#
132	39.6	25.4	38.0#





#45

2-Fluorobiphenyl

Concen: 100.693 ng

RT: 9.198 min Scan# 1206

Delta R.T. 0.018 min

Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

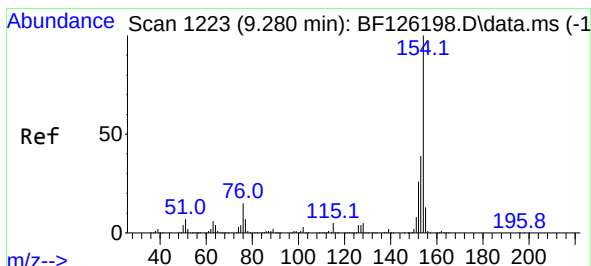
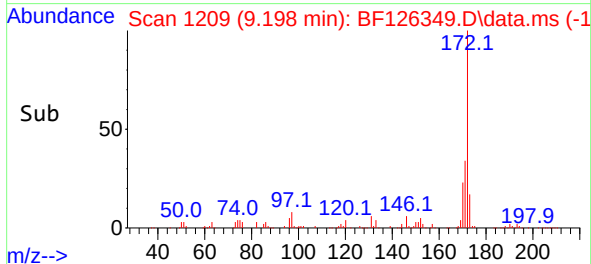
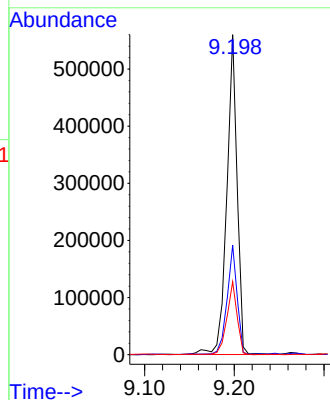
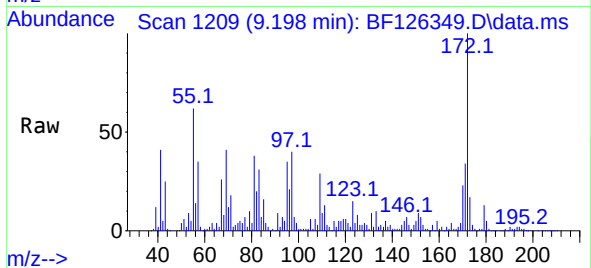
Tgt Ion:172 Resp: 447145

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.5	39.7
170	22.8	18.8	28.2

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#46

1,1'-Biphenyl

Concen: 50.736 ng

RT: 9.304 min Scan# 1227

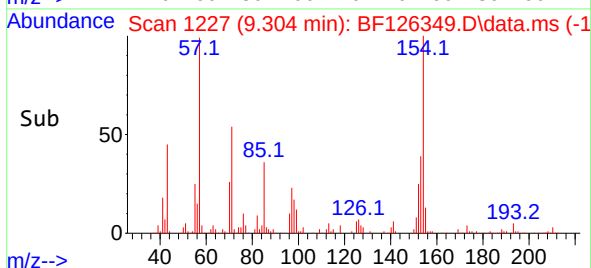
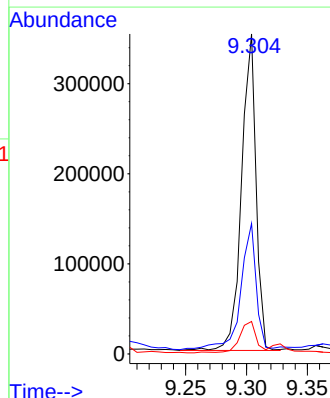
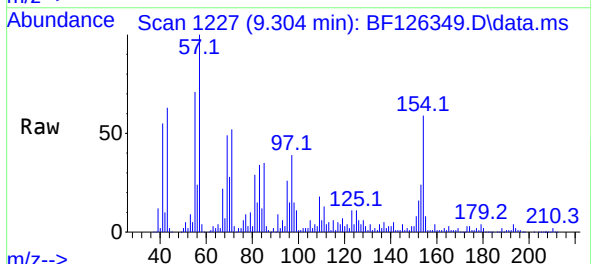
Delta R.T. 0.024 min

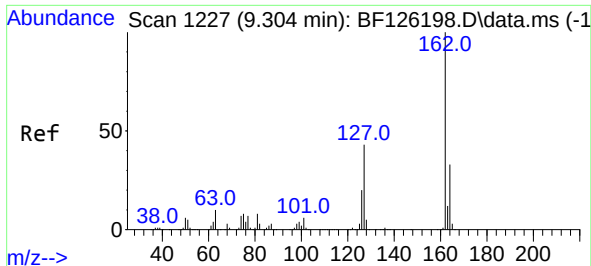
Lab File: BF126349.D

Acq: 23 Dec 2021 17:43

Tgt Ion:154 Resp: 292182

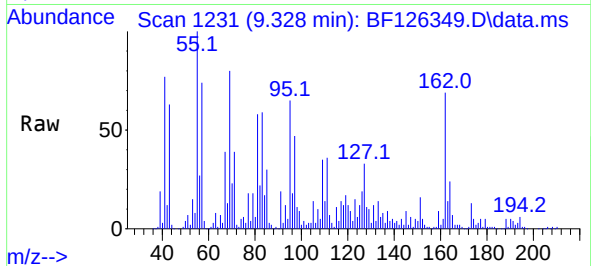
Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.0	60.0
76	10.2	0.0	30.3





#47
2-Chloronaphthalene
Concen: 50.153 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

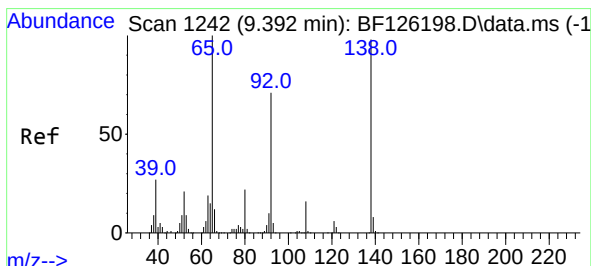
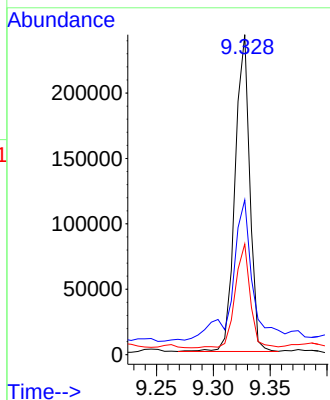
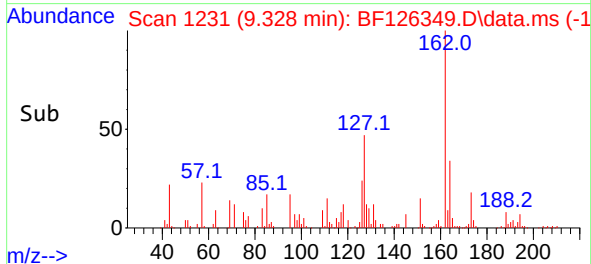
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



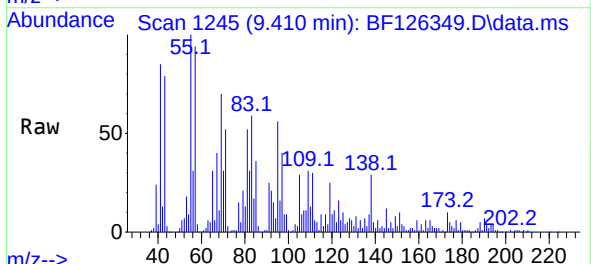
Tgt Ion: 162 Resp: 217300
Ion Ratio Lower Upper
162 100
127 48.3 33.0 49.4
164 34.6 25.8 38.8

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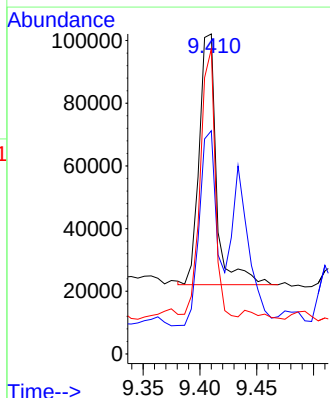
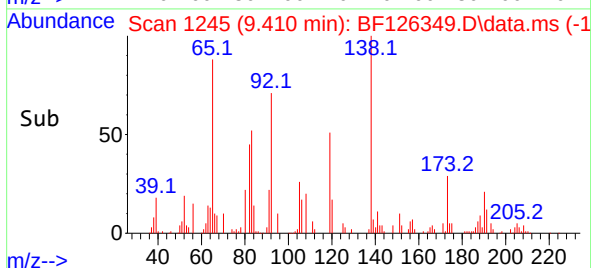
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

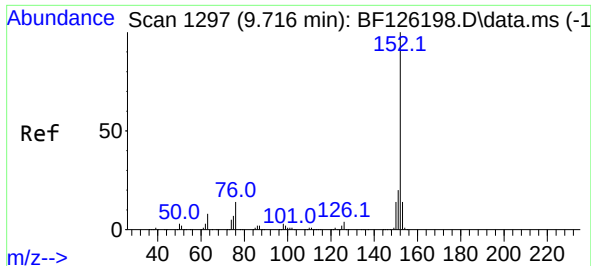


#48
2-Nitroaniline
Concen: 53.647 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



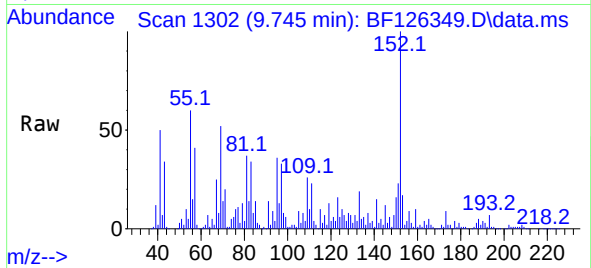
Tgt Ion: 65 Resp: 84842
Ion Ratio Lower Upper
65 100
92 69.8 55.5 83.3
138 95.3 93.5 140.3





#49
Acenaphthylene
Concen: 53.480 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

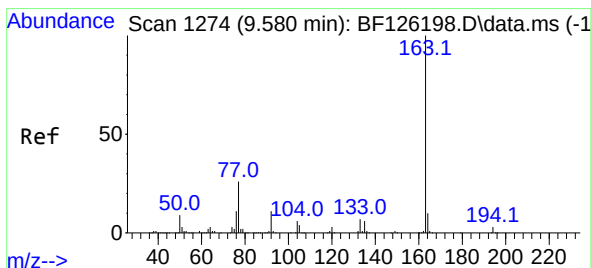
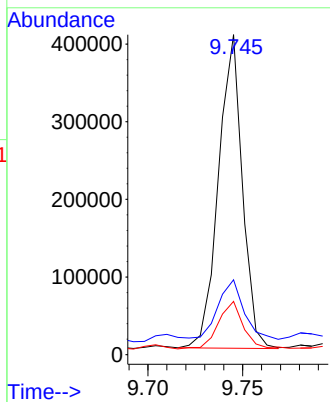
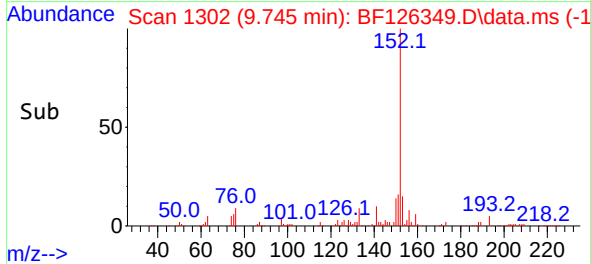
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



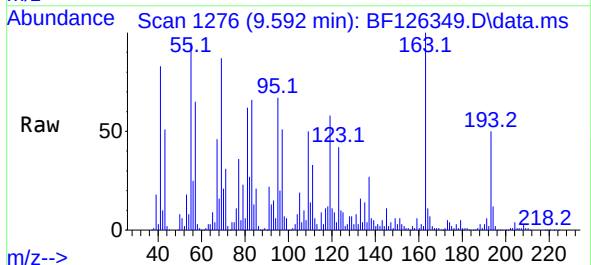
Tgt Ion:152 Resp: 354078
Ion Ratio Lower Upper
152 100
151 23.4 15.7 23.5
153 16.7 9.8 14.8

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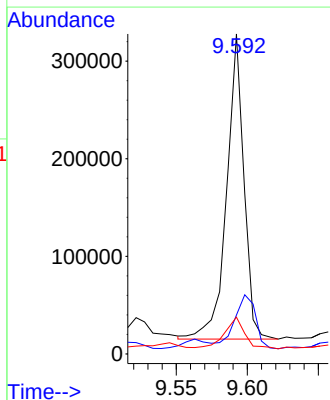
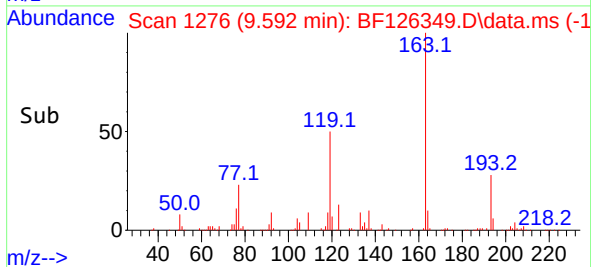
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

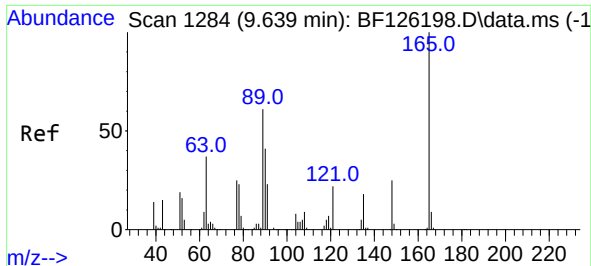


#50
Dimethylphthalate
Concen: 53.702 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



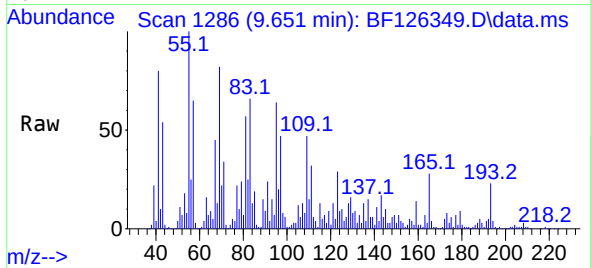
Tgt Ion:163 Resp: 264943
Ion Ratio Lower Upper
163 100
194 12.1 2.6 3.8#
164 11.5 7.4 11.0#





#51
2,6-Dinitrotoluene
Concen: 67.571 ng
RT: 9.651 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

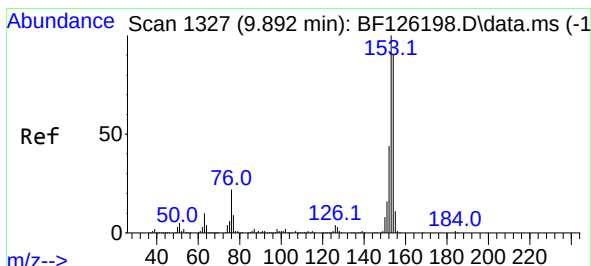
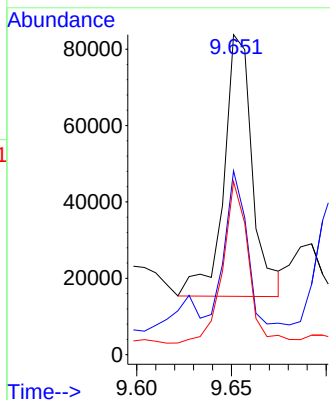
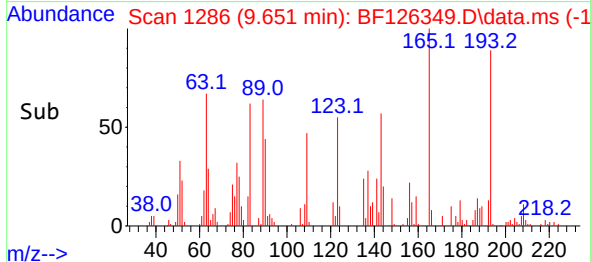
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



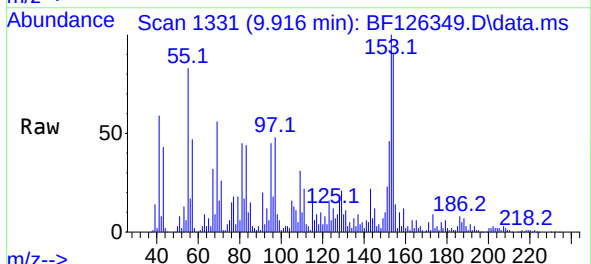
Tgt Ion:165 Resp: 7215
Ion Ratio Lower Upper
165 100
63 57.5 42.6 63.8
89 54.1 40.6 60.8

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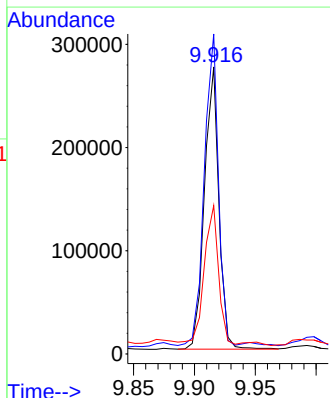
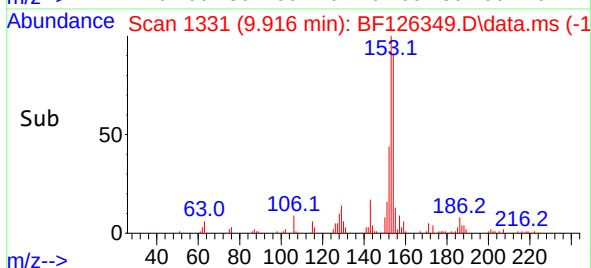
Reviewed By :Jagrut Upadhyay 12/27/2021
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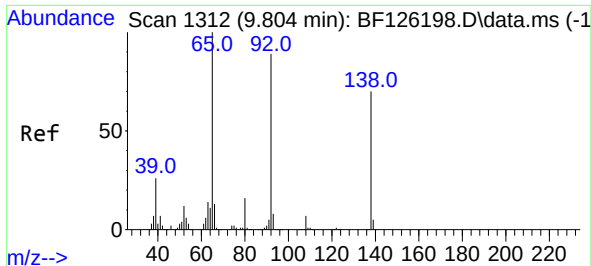


#52
Acenaphthene
Concen: 52.672 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



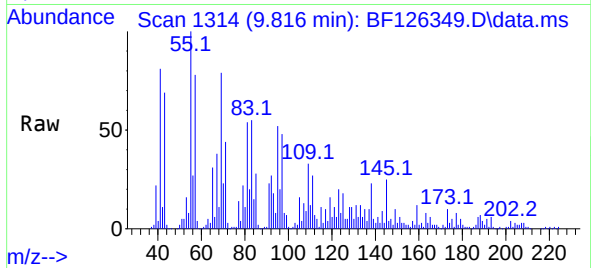
Tgt Ion:154 Resp: 226150
Ion Ratio Lower Upper
154 100
153 111.5 89.4 134.2
152 51.7 40.5 60.7





#53
3-Nitroaniline
Concen: 33.772 ng m
RT: 9.816 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

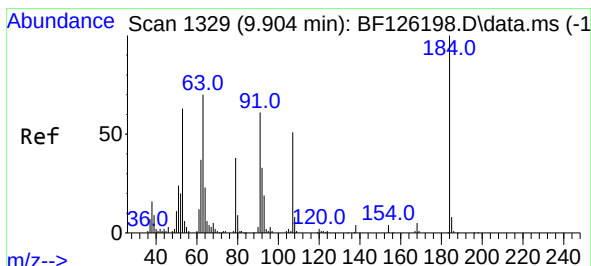
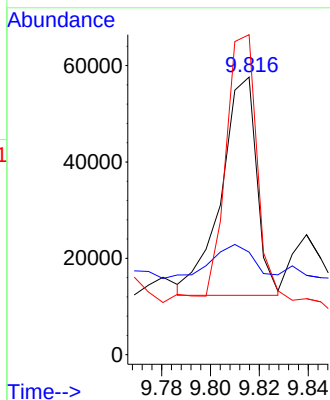
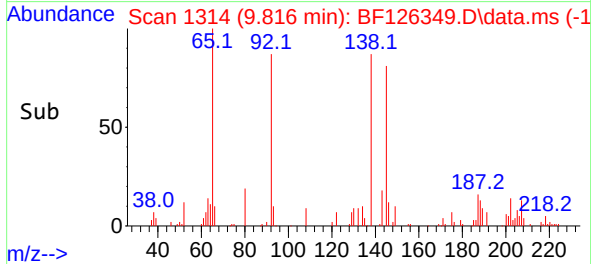
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



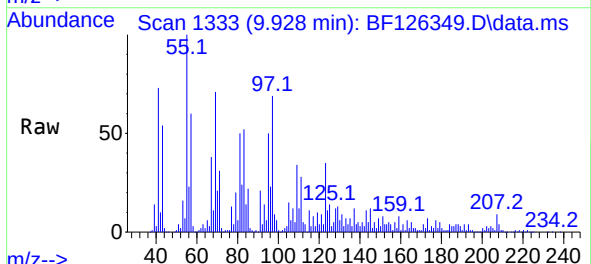
Tgt Ion:138 Resp: 4583
Ion Ratio Lower Upper
138 100
108 36.9 9.3 13.9
92 115.3 76.5 114.7

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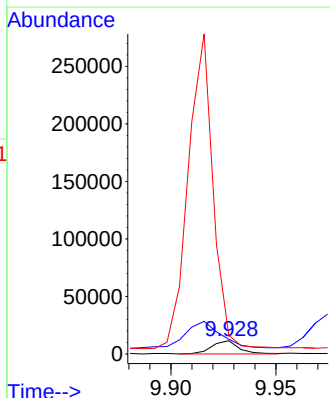
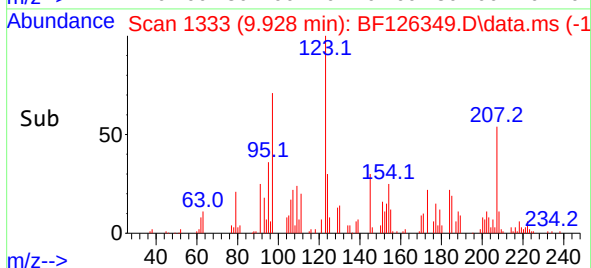
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

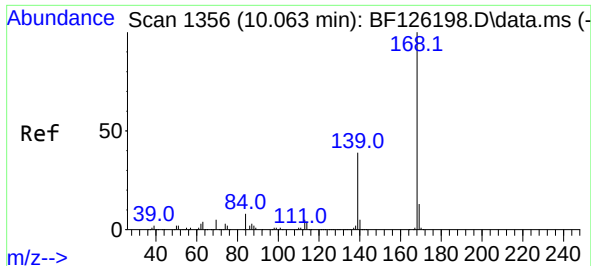


#54
2,4-Dinitrophenol
Concen: 23.858 ng m
RT: 9.928 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



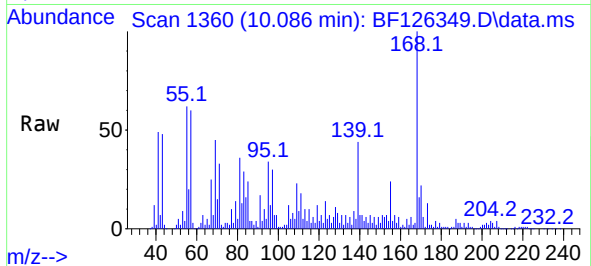
Tgt Ion:184 Resp: 10490
Ion Ratio Lower Upper
184 100
63 110.2 59.3 88.9#
154 140.9 68.6 102.8#





#55
Dibenzenofuran
Concen: 52.327 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

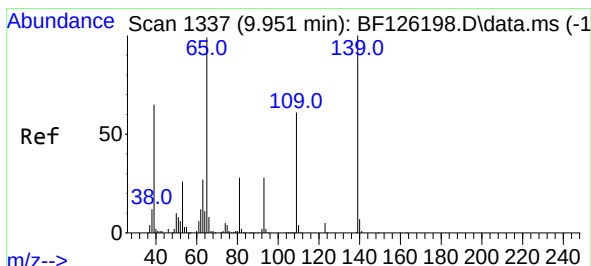
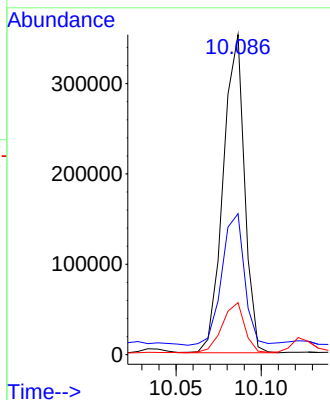
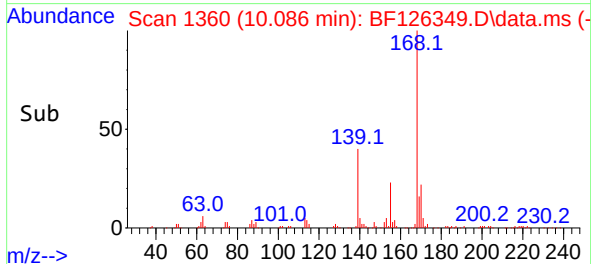
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



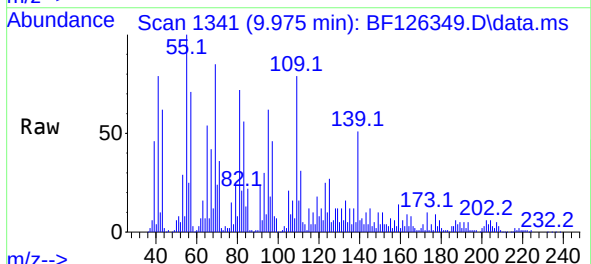
Tgt Ion:168 Resp: 30588
Ion Ratio Lower Upper
168 100
139 44.0 32.7 49.1
169 16.3 11.2 16.8

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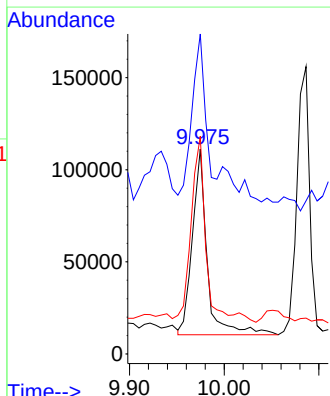
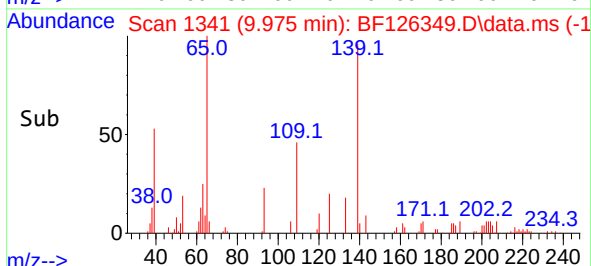
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

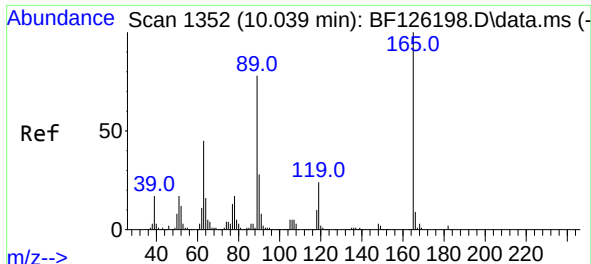


#56
4-Nitrophenol
Concen: 111.768 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



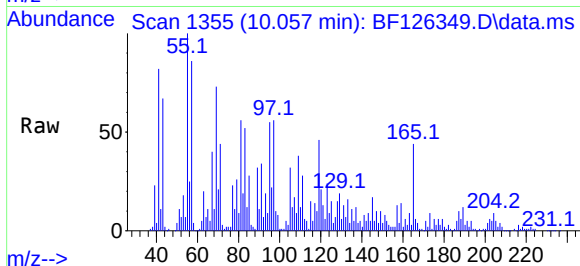
Tgt Ion:139 Resp: 109576
Ion Ratio Lower Upper
139 100
109 156.1 60.4 100.4#
65 106.3 58.4 98.4#





#57
2,4-Dinitrotoluene
Concen: 50.987 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

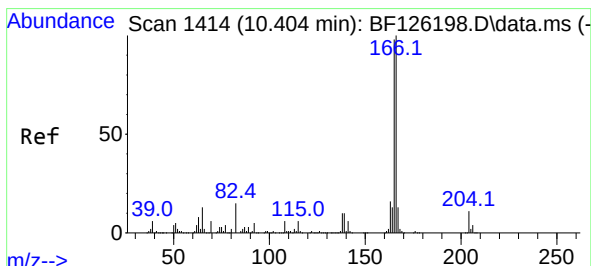
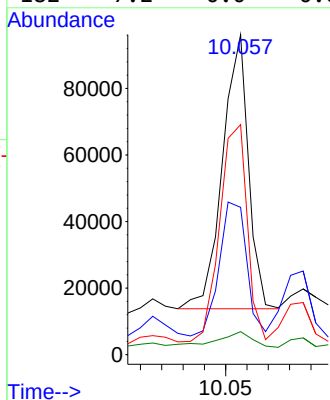
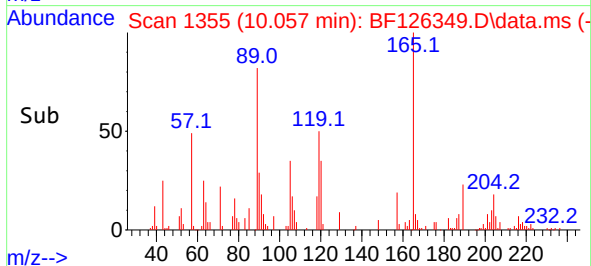
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



Tgt Ion:165 Resp: 6945
Ion Ratio Lower Upper
165 100
63 46.1 40.9 61.3
89 71.9 59.7 89.5
182 7.2 0.0 0.0#

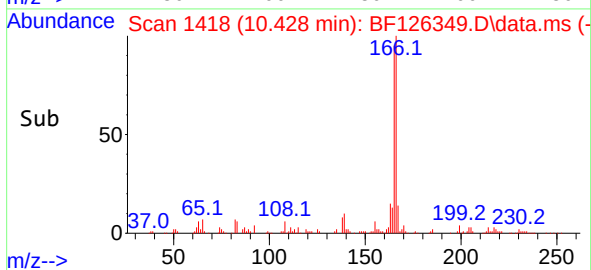
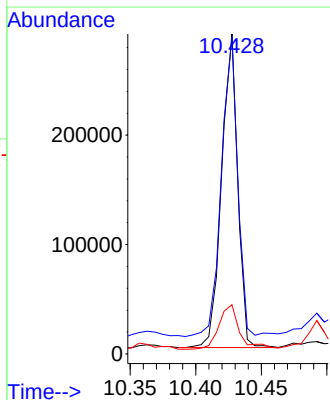
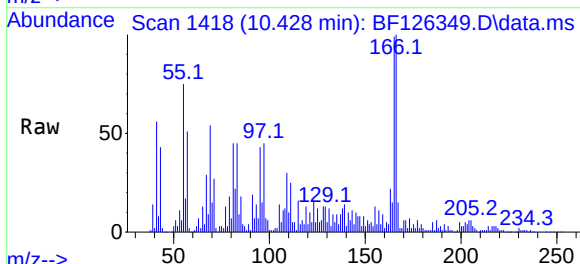
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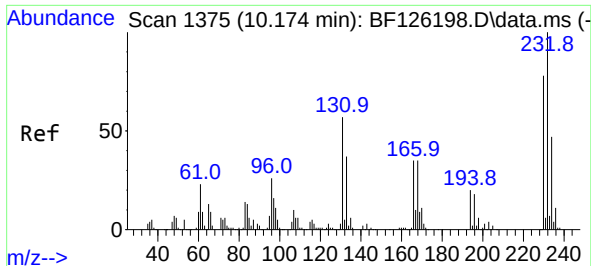
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#58
Fluorene
Concen: 57.612 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

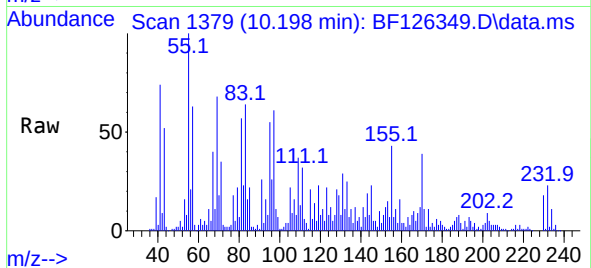
Tgt Ion:166 Resp: 243813
Ion Ratio Lower Upper
166 100
165 99.1 78.1 117.1
167 15.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.544 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

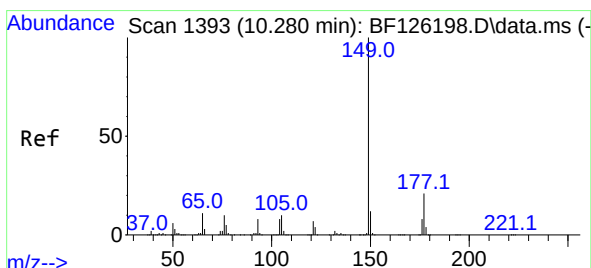
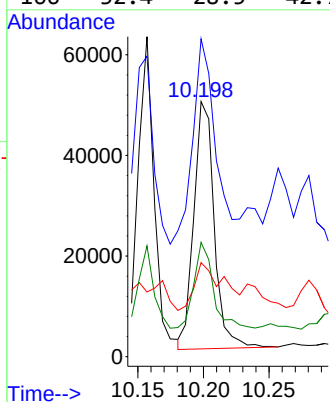
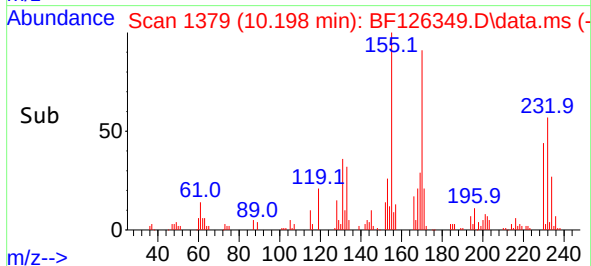
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



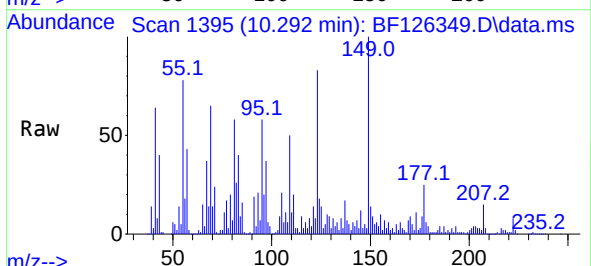
Tgt Ion:232 Resp: 53349
Ion Ratio Lower Upper
232 100
131 108.0 45.4 68.0
130 27.4 0.0 0.0
166 32.4 28.5 42.7

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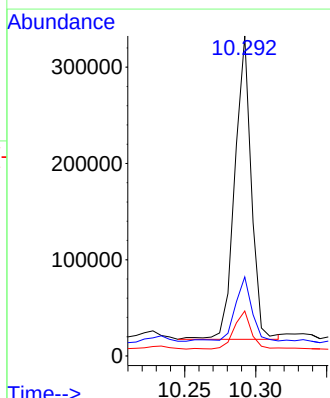
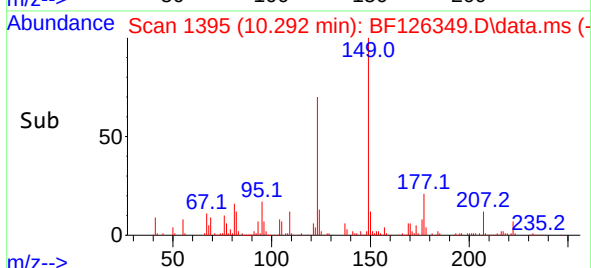
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

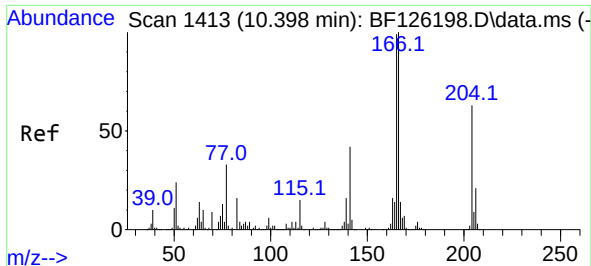


#60
Diethylphthalate
Concen: 51.359 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



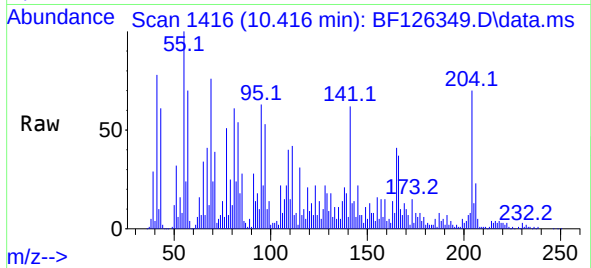
Tgt Ion:149 Resp: 254636
Ion Ratio Lower Upper
149 100
177 24.7 16.5 24.7
150 14.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 61.456 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

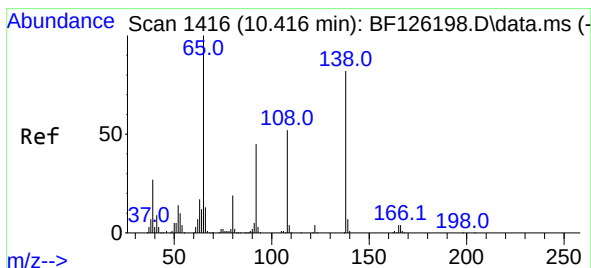
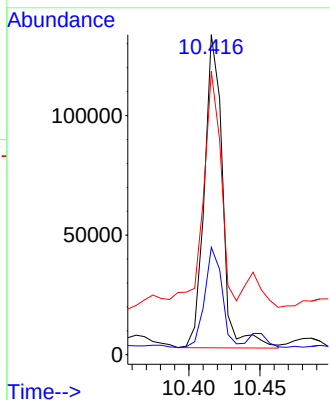
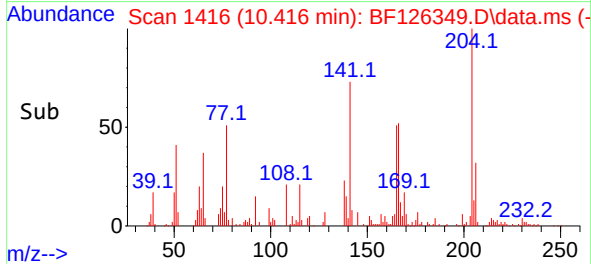
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



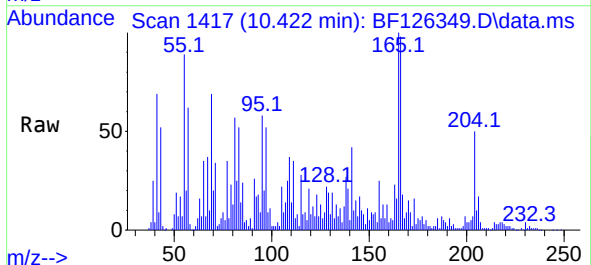
Tgt Ion:204 Resp: 11710
Ion Ratio Lower Upper
204 100
206 33.5 27.6 41.4
141 88.5 58.6 88.0

Manual Integrations
APPROVED

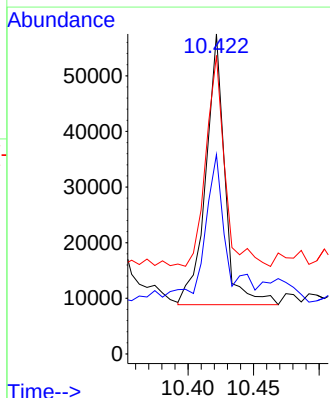
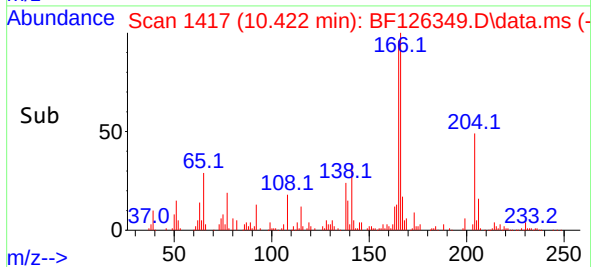
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

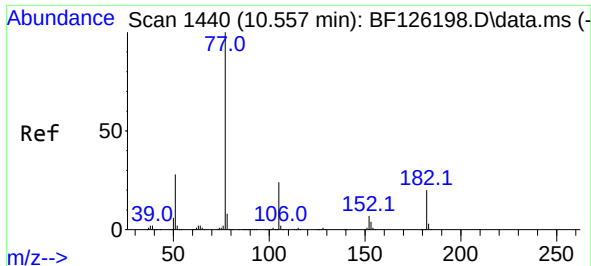


#62
4-Nitroaniline
Concen: 43.352 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



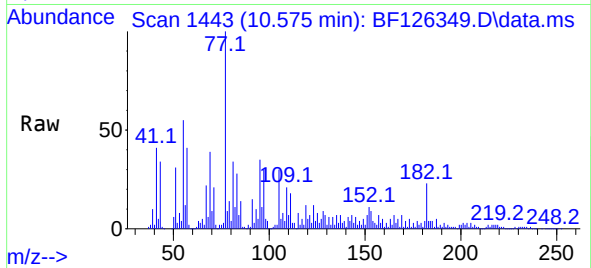
Tgt Ion:138 Resp: 49359
Ion Ratio Lower Upper
138 100
92 62.3 29.6 69.6
108 93.2 78.1 118.1





#63
Azobenzene
Concen: 45.321 ng
RT: 10.575 min Scan# 1440
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

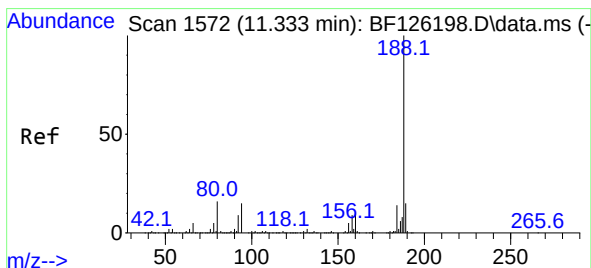
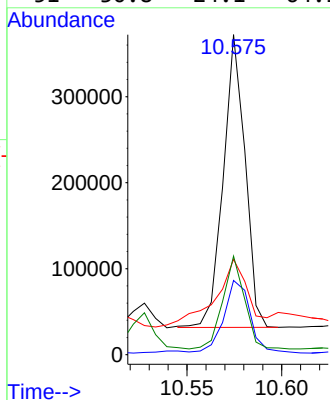
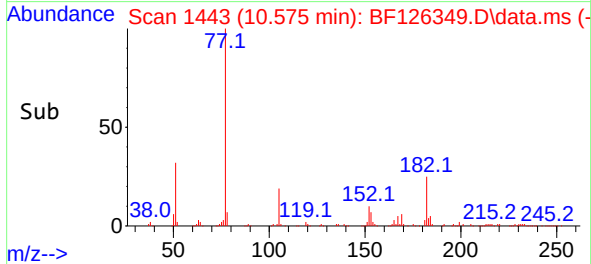
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



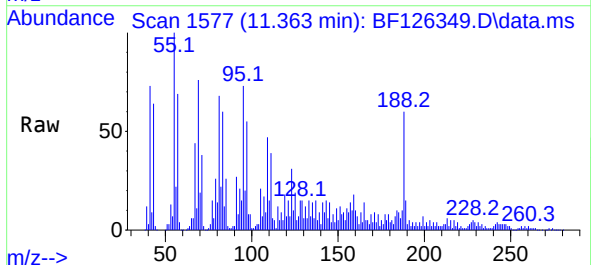
Tgt Ion: 77 Resp: 272164
Ion Ratio Lower Upper
77 100
182 23.2 6.3 46.3
105 29.8 2.9 42.9
51 30.8 24.1 64.1

Manual Integrations
APPROVED

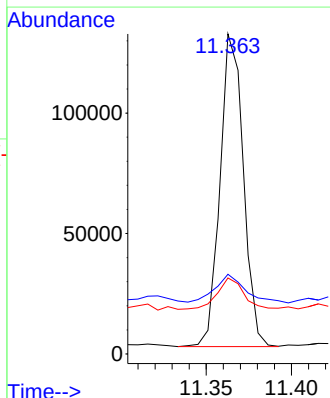
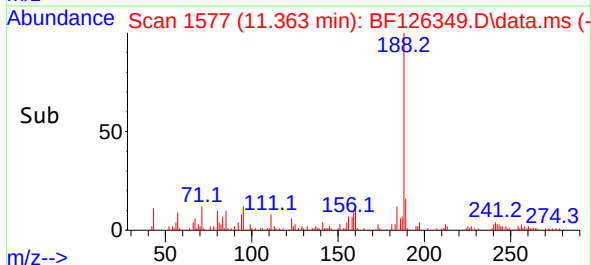
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

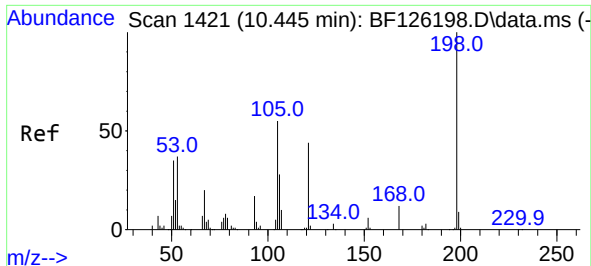


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



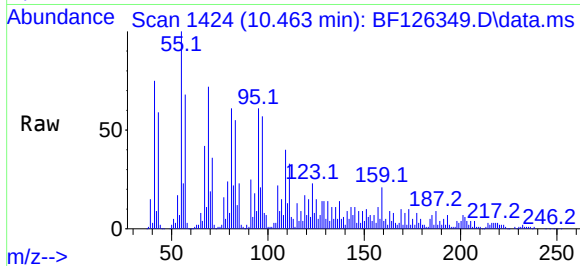
Tgt Ion:188 Resp: 123458
Ion Ratio Lower Upper
188 100
94 24.9 6.7 10.1#
80 23.7 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 12.522 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

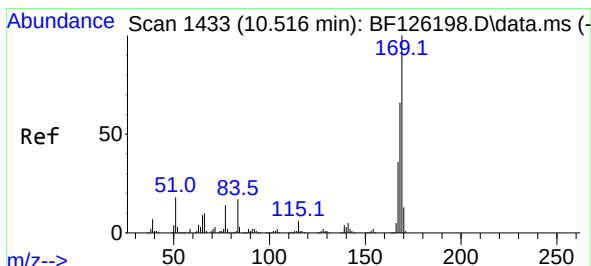
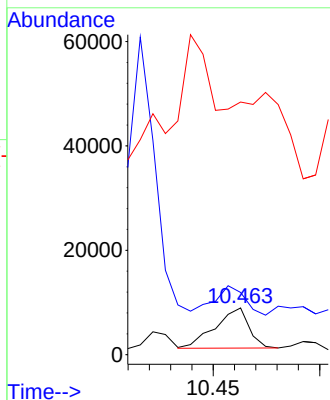
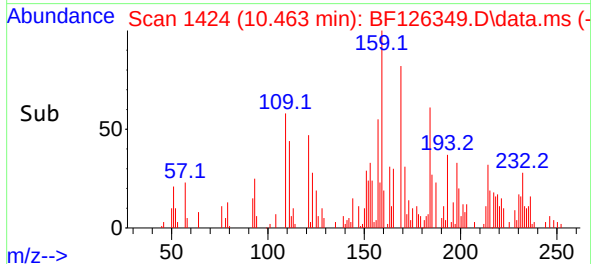
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



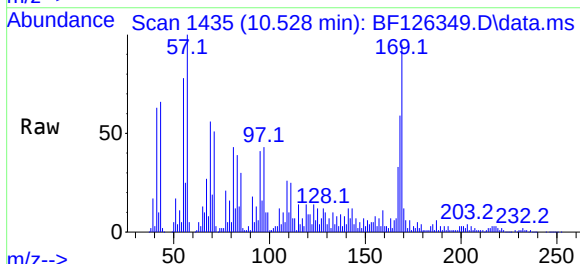
Tgt Ion:198 Resp: 844
Ion Ratio Lower Upper
198 100
51 133.3 45.3 85.3
105 541.5 30.6 70.6

Manual Integrations
APPROVED

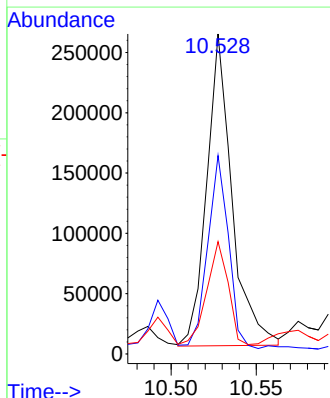
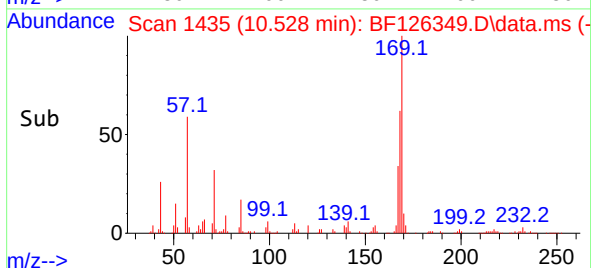
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

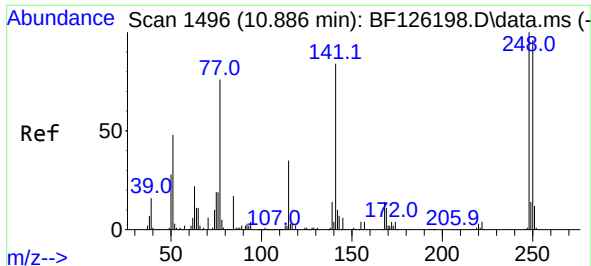


#66
n-Nitrosodiphenylamine
Concen: 67.316 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.012 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



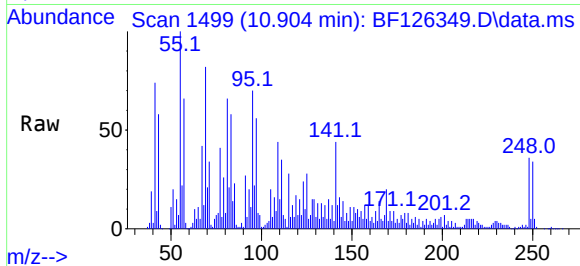
Tgt Ion:169 Resp: 266720
Ion Ratio Lower Upper
169 100
168 62.0 50.8 76.2
167 35.1 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 57.086 ng
RT: 10.904 min Scan# 1496
Delta R.T. 0.018 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

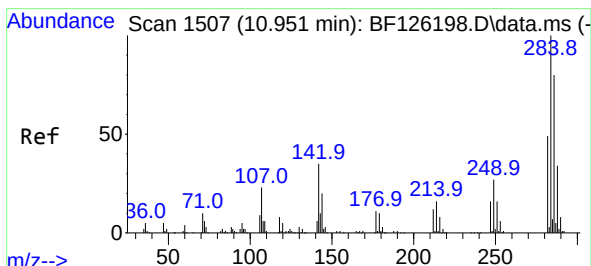
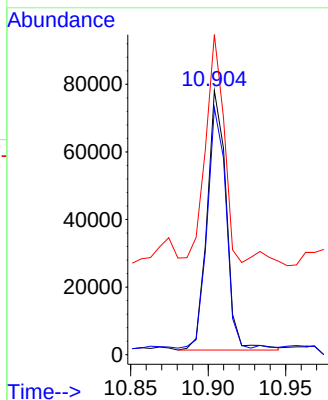
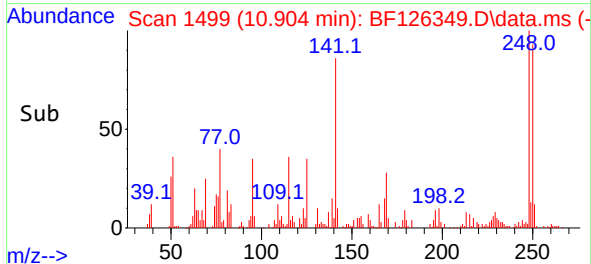
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



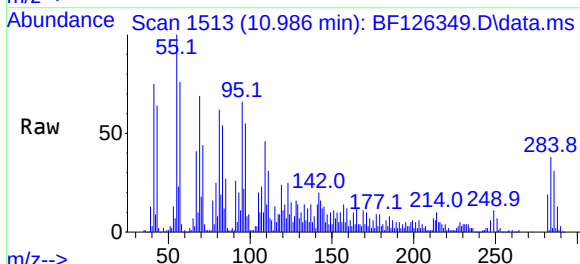
Tgt Ion:248 Resp: 66145
Ion Ratio Lower Upper
248 100
250 93.5 74.2 111.4
141 121.2 60.4 90.6

Manual Integrations
APPROVED

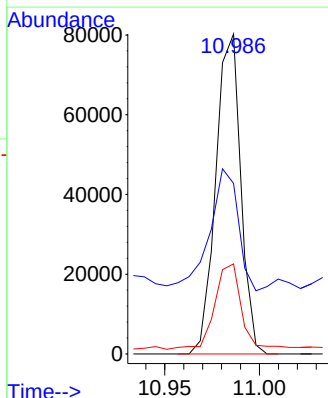
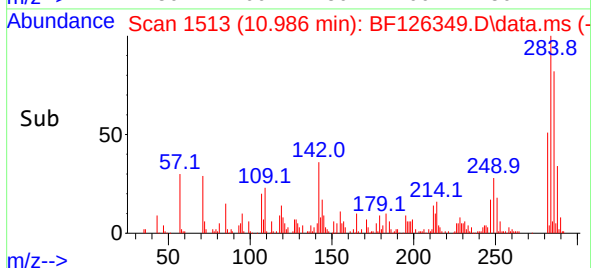
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

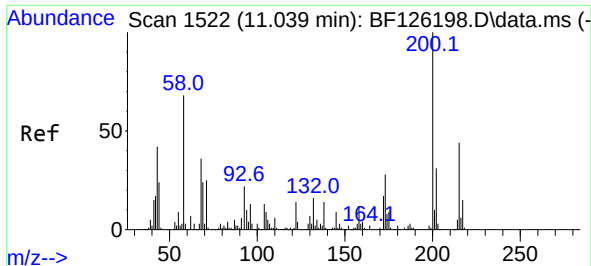


#68
Hexachlorobenzene
Concen: 55.274 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



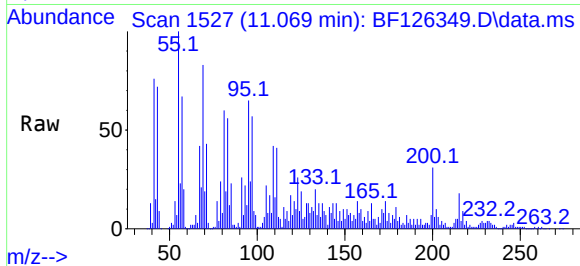
Tgt Ion:284 Resp: 73658
Ion Ratio Lower Upper
284 100
142 53.3 36.4 54.6
249 28.1 25.6 38.4





#69
Atrazine
Concen: 100.502 ng
RT: 11.069 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

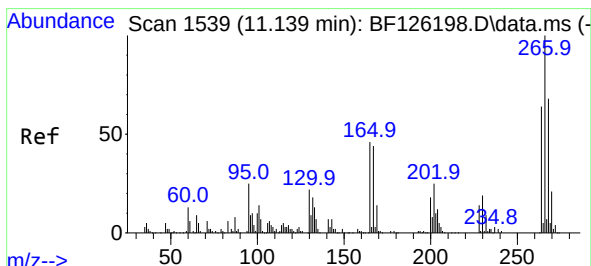
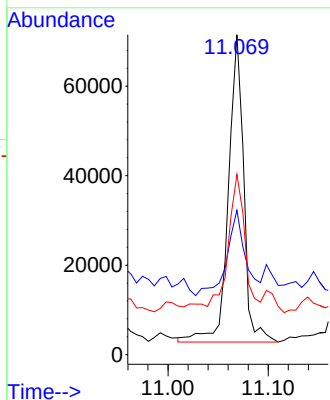
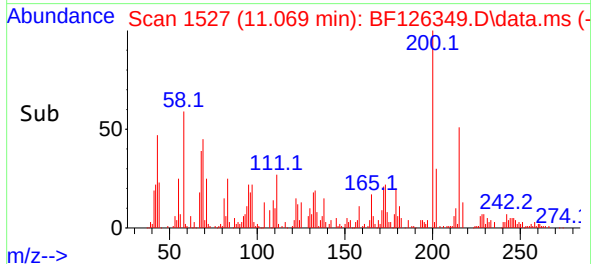
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



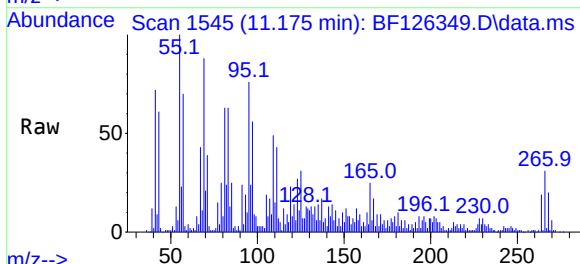
Tgt Ion:200 Resp: 7297
Ion Ratio Lower Upper
200 100
173 45.1 11.1 51.1
215 56.3 22.7 62.7

Manual Integrations
APPROVED

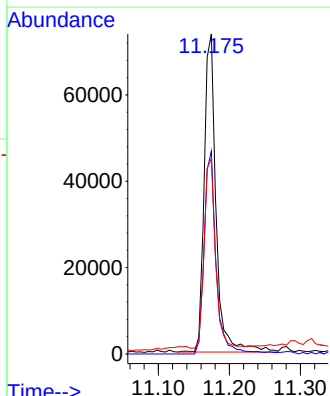
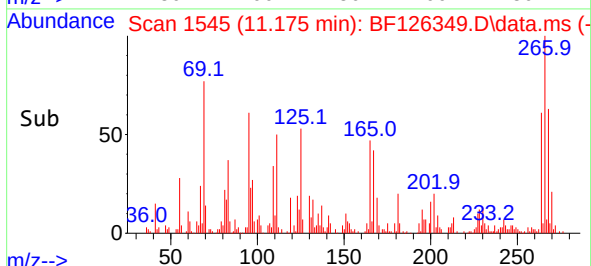
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

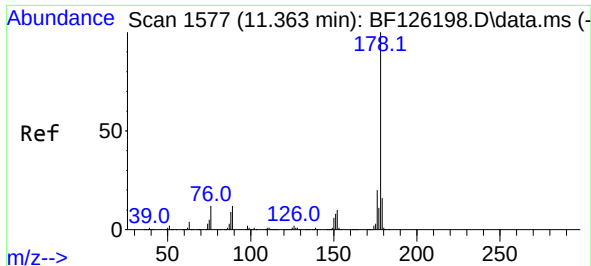


#70
Pentachlorophenol
Concen: 116.524 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



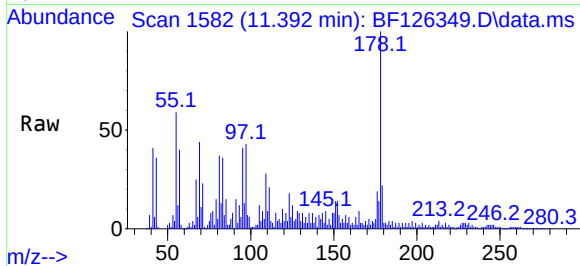
Tgt Ion:266 Resp: 86146
Ion Ratio Lower Upper
266 100
268 63.4 48.9 73.3
264 61.0 55.9 83.9





#71
Phenanthrene
Concen: 52.704 ng
RT: 11.392 min Scan# 1590
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

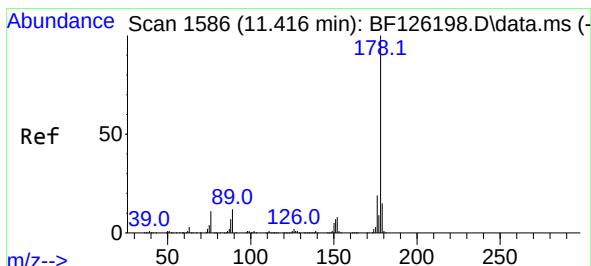
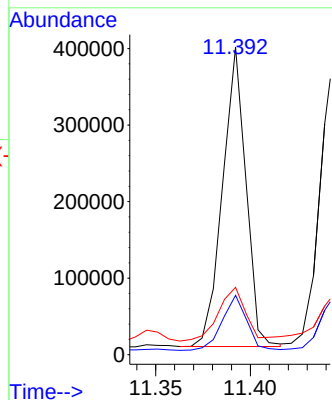
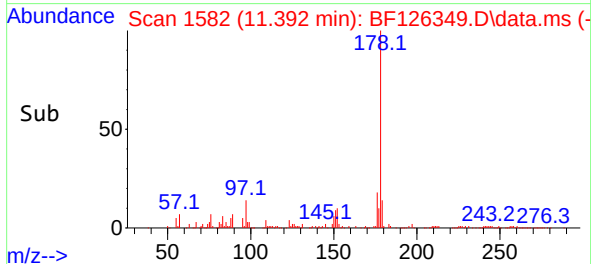
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



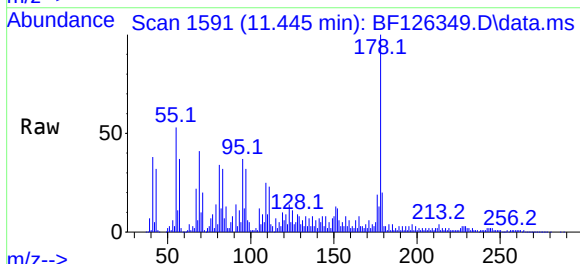
Tgt Ion:178 Resp: 33583
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 21.9 11.5 17.3

Manual Integrations
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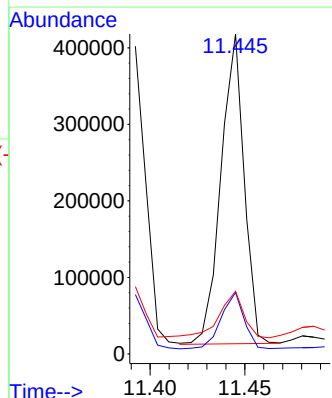
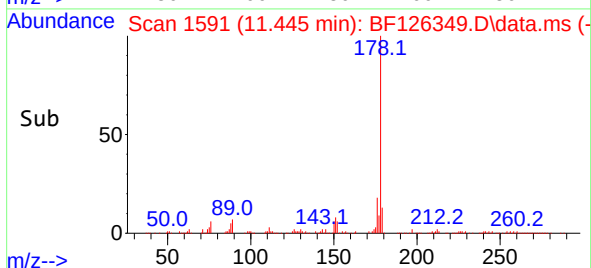
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

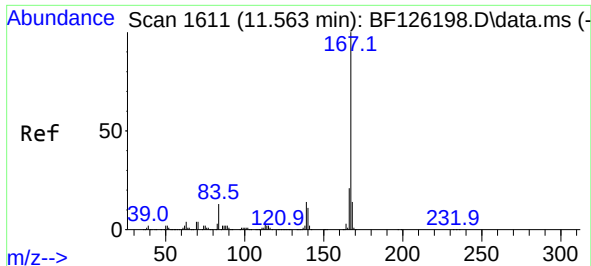


#72
Anthracene
Concen: 53.802 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



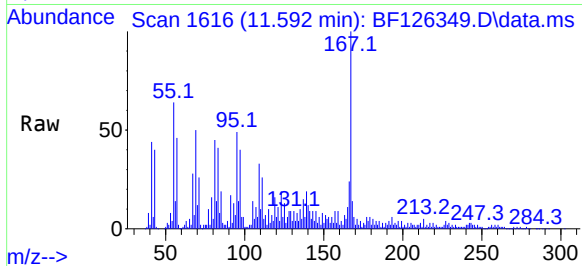
Tgt Ion:178 Resp: 344104
Ion Ratio Lower Upper
178 100
176 19.2 14.3 21.5
179 19.6 12.2 18.4





#73
 Carbazole
 Concen: 49.798 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.024 min
 Lab File: BF126349.D
 Acq: 23 Dec 2021 17:43

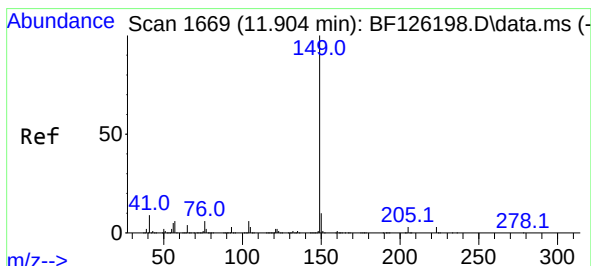
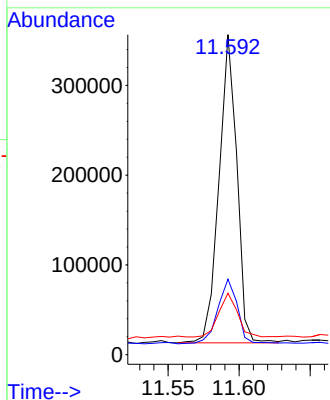
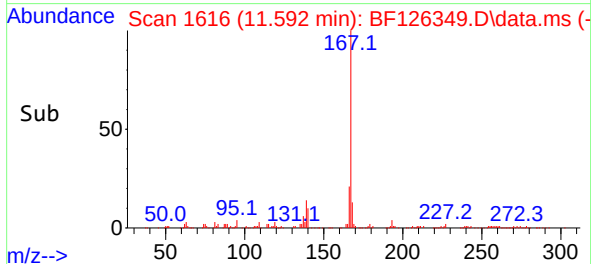
Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD



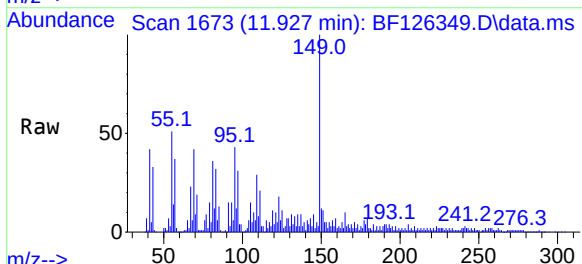
Tgt Ion:167 Resp: 29994
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.4 26.0
 139 19.2 11.0 16.4

Manual Integrations
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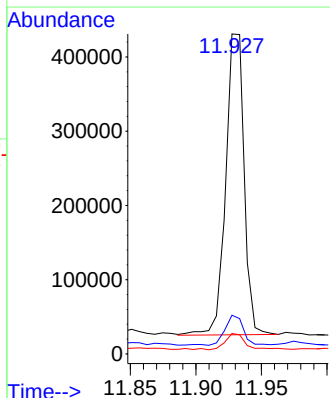
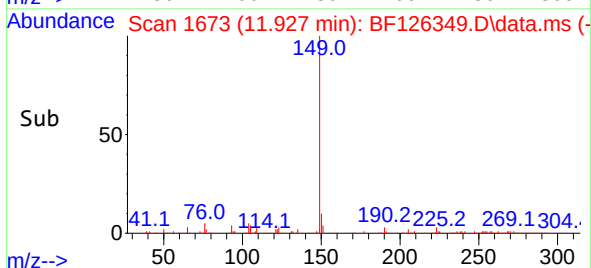
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/31/2021

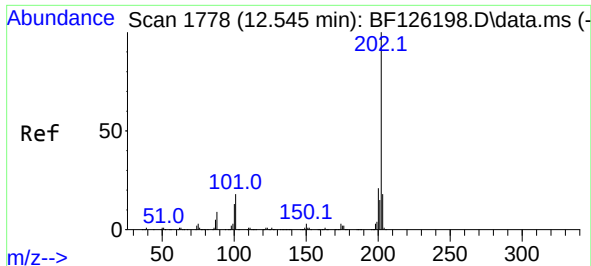


#74
 Di-n-butylphthalate
 Concen: 51.802 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.024 min
 Lab File: BF126349.D
 Acq: 23 Dec 2021 17:43



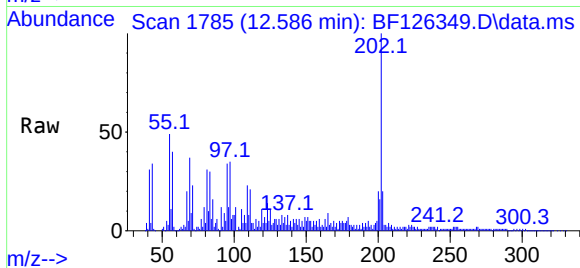
Tgt Ion:149 Resp: 395531
 Ion Ratio Lower Upper
 149 100
 150 12.1 7.4 11.2#
 104 6.4 4.1 6.1#





#75
Fluoranthene
Concen: 61.218 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

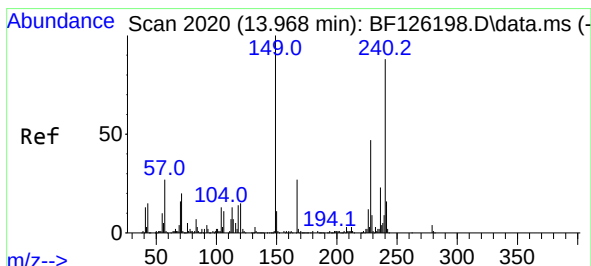
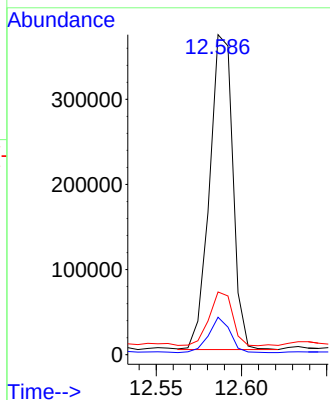
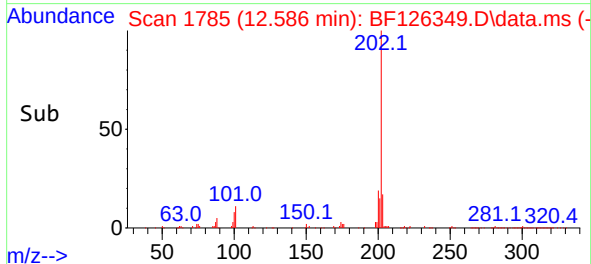
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



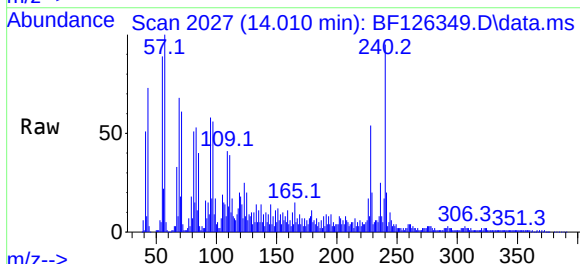
Tgt Ion:202 Resp: 351458
Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 19.6 0.0 36.3

Manual Integrations
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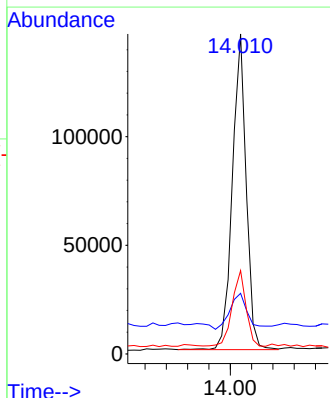
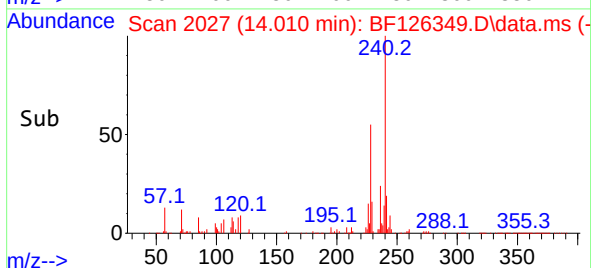
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

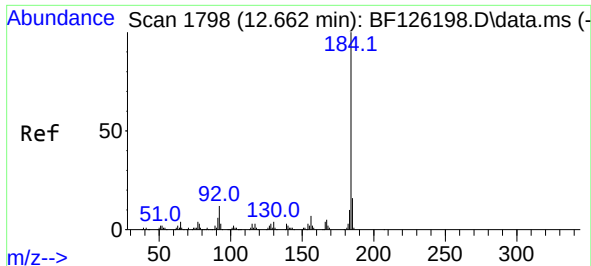


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



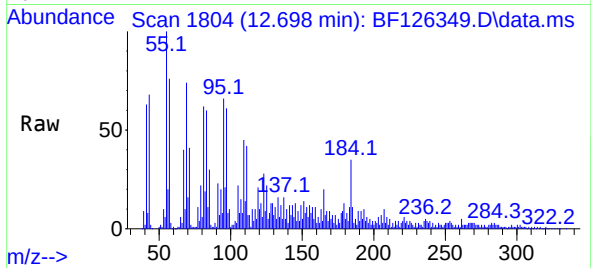
Tgt Ion:240 Resp: 131453
Ion Ratio Lower Upper
240 100
120 19.0 10.8 16.2#
236 26.0 21.6 32.4





#77
Benzidine
Concen: 28.666 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

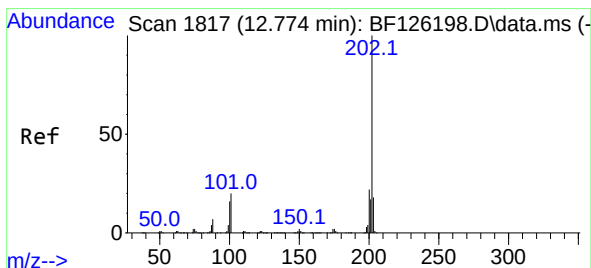
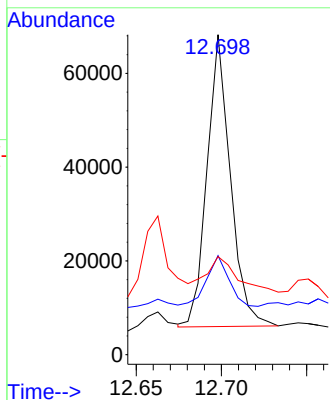
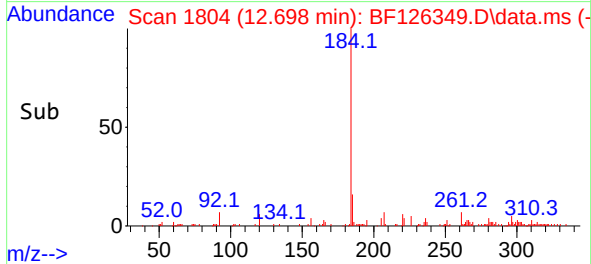
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



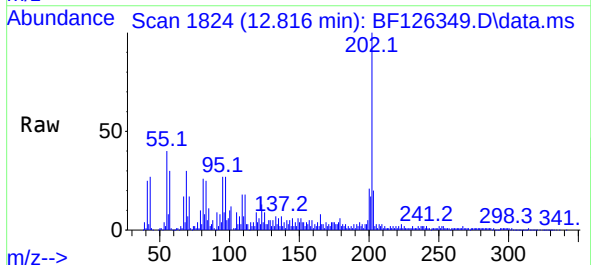
Tgt Ion:184 Resp: 59409
Ion Ratio Lower Upper
184 100
185 31.0 10.8 16.2
183 30.7 8.1 12.1

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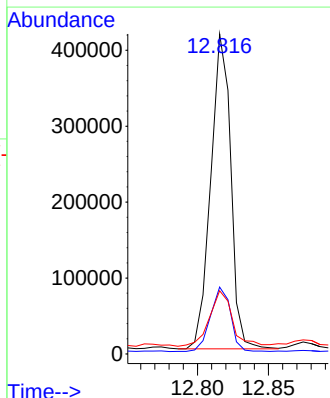
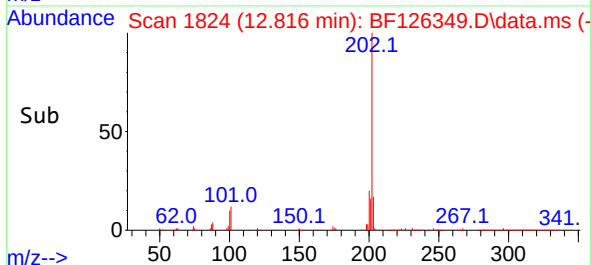
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

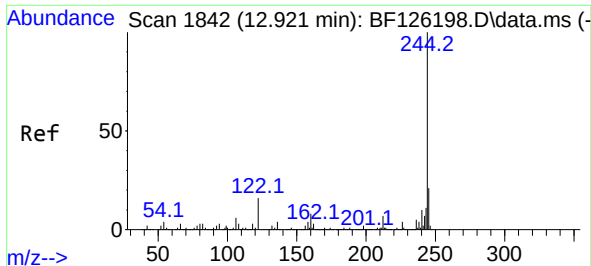


#78
Pyrene
Concen: 33.631 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



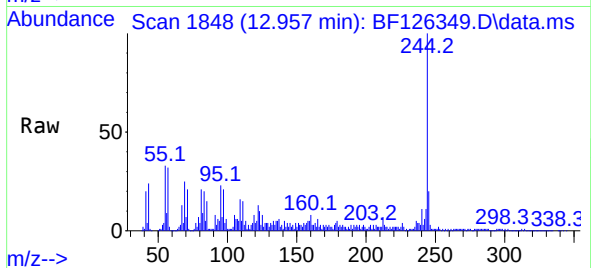
Tgt Ion:202 Resp: 406153
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 19.7 13.4 20.0





#79
Terphenyl-d14
Concen: 60.658 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

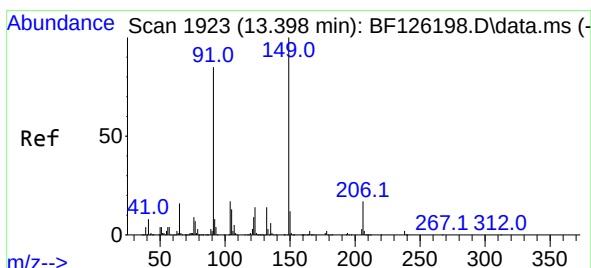
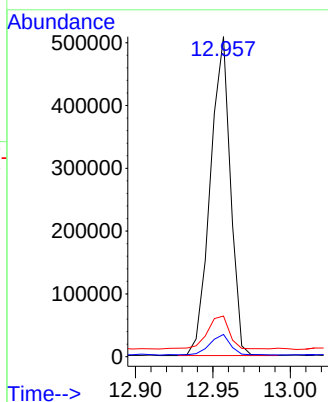
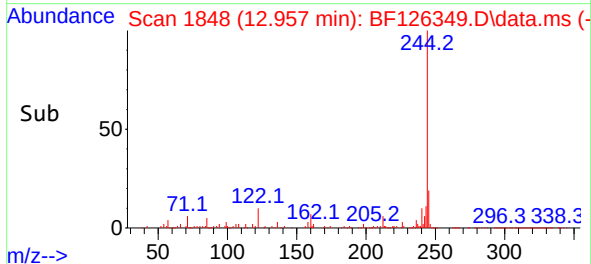
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



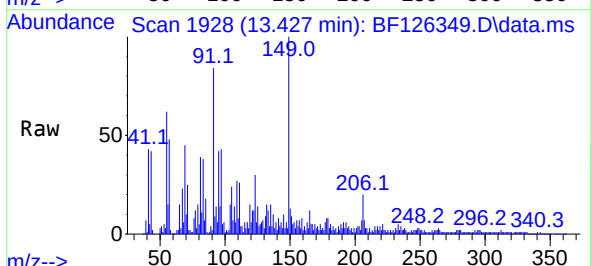
Tgt Ion:244 Resp: 458754
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.7 9.0 13.4

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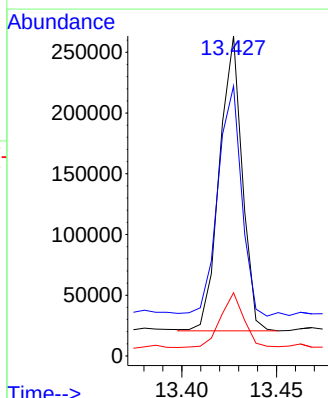
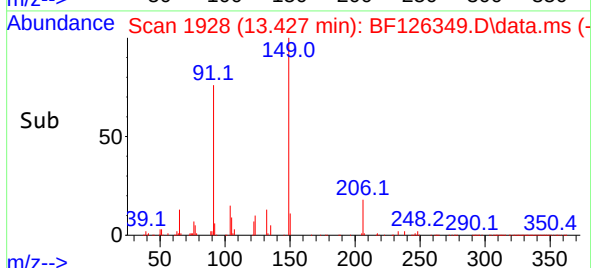
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

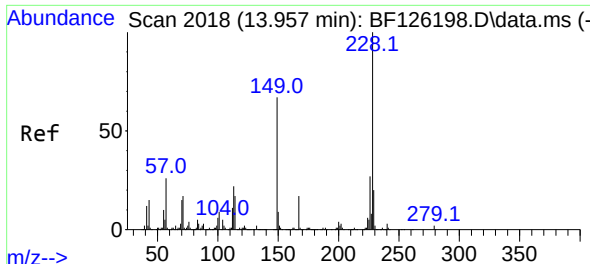


#80
Butylbenzylphthalate
Concen: 35.741 ng
RT: 13.427 min Scan# 1928
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



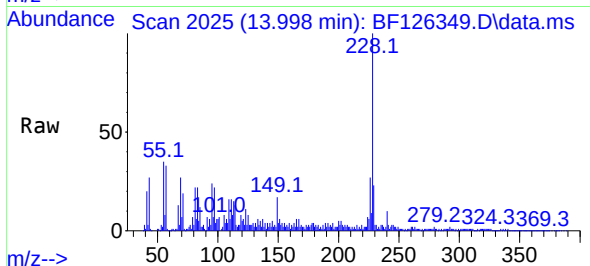
Tgt Ion:149 Resp: 203120
Ion Ratio Lower Upper
149 100
91 84.3 51.8 77.8#
206 19.7 14.5 21.7





#81
Benzo(a)anthracene
Concen: 49.578 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.030 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

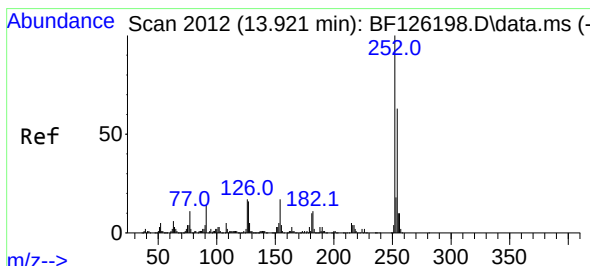
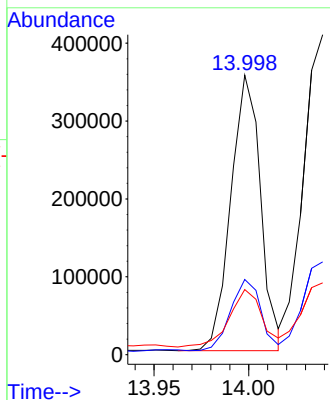
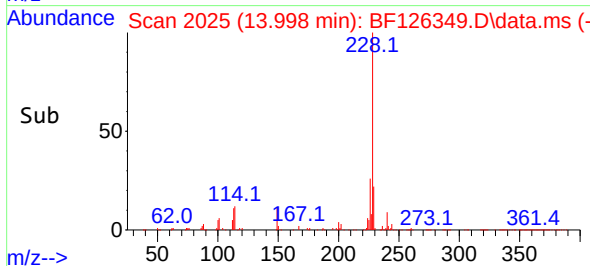
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



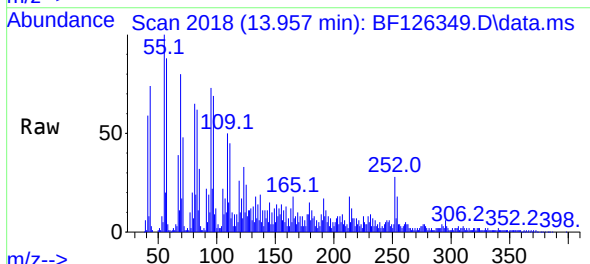
Tgt Ion:228 Resp: 386045
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 23.3 15.6 23.4

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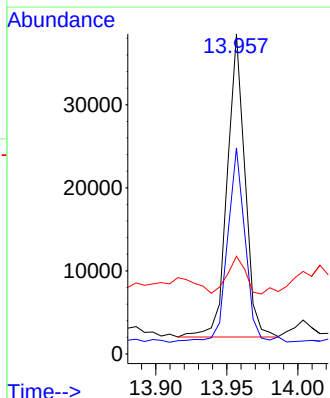
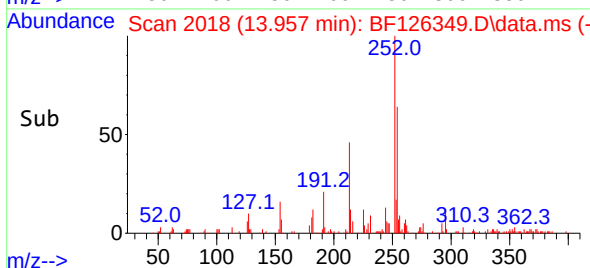
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

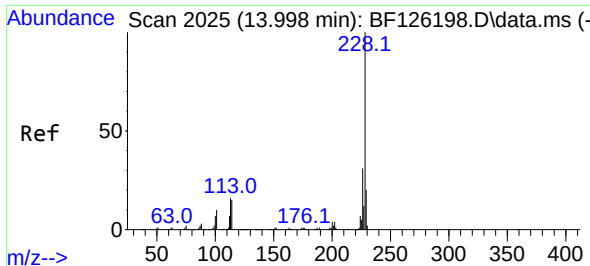


#82
3,3'-Dichlorobenzidine
Concen: 8.906 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



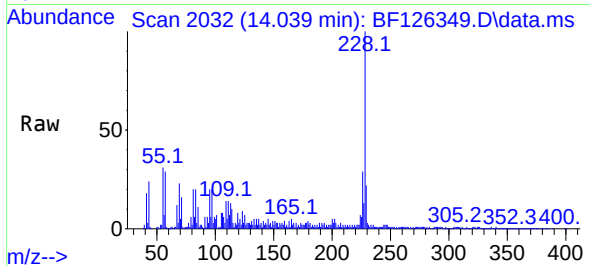
Tgt Ion:252 Resp: 31680
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 30.5 9.5 14.3





#83
Chrysene
Concen: 48.525 ng
RT: 14.039 min Scan# 2025
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

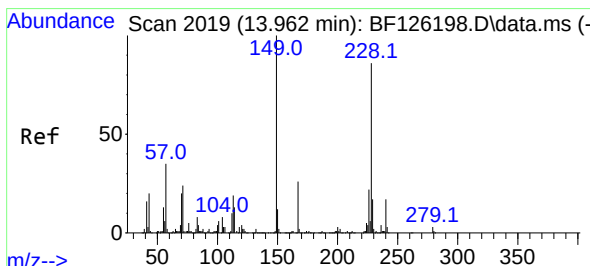
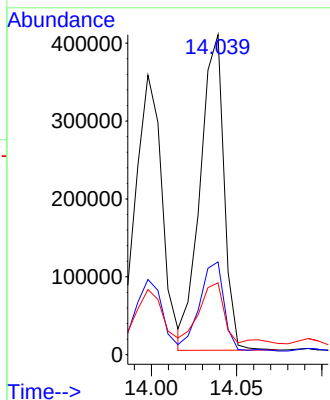
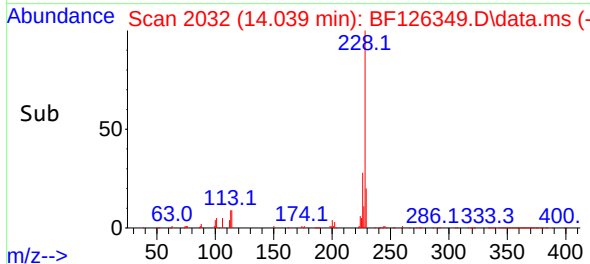
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



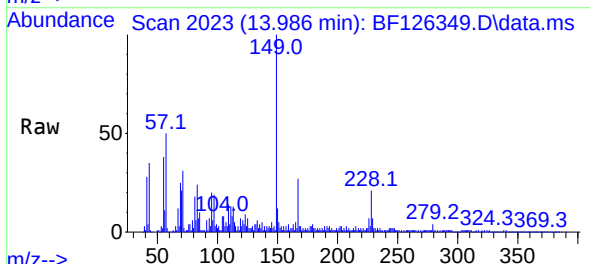
Tgt Ion:228 Resp: 392583
Ion Ratio Lower Upper
228 100
226 29.0 22.6 34.0
229 22.5 15.9 23.9

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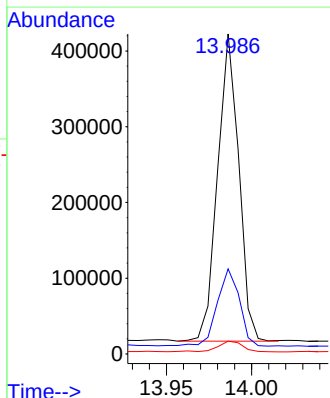
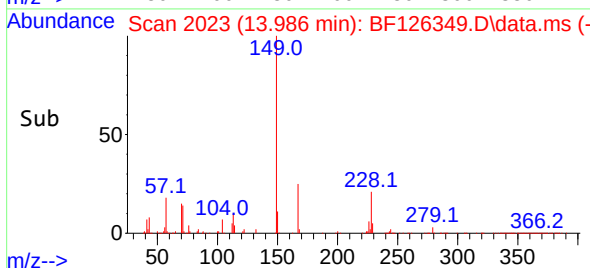
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

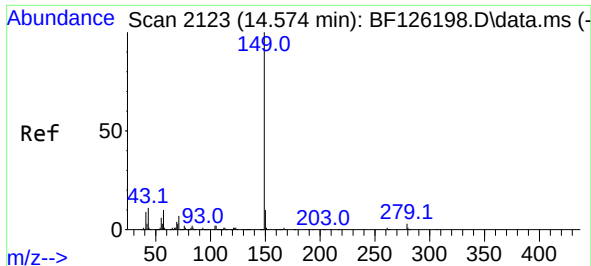


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.115 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



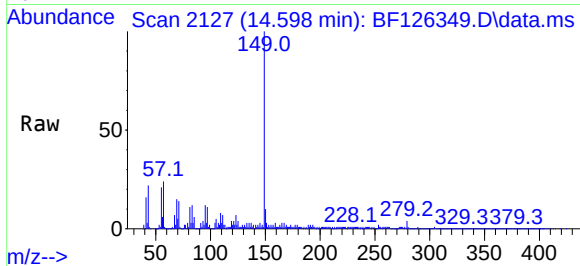
Tgt Ion:149 Resp: 350020
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 4.0 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 48.741 ng
RT: 14.598 min Scan# 2127
Delta R.T. 0.024 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

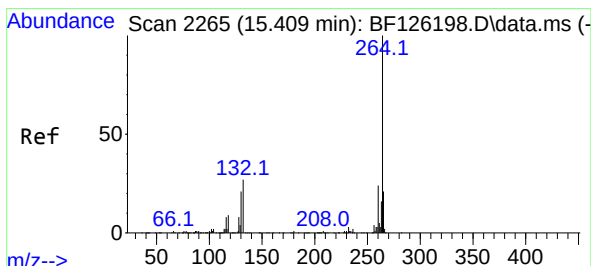
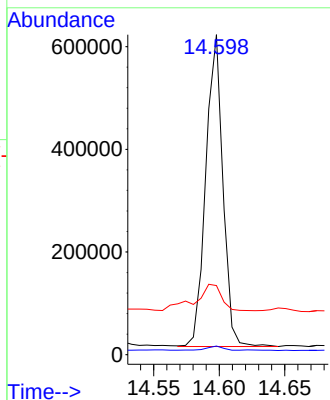
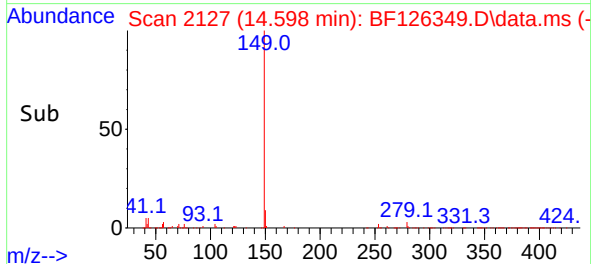
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



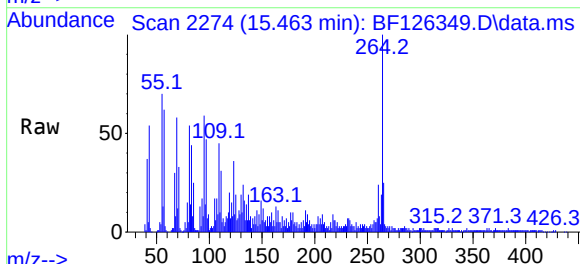
Tgt Ion:149 Resp: 55179
Ion Ratio Lower Upper
149 100
167 1.2 1.0 1.6
43 13.2 9.9 14.9

Manual Integrations
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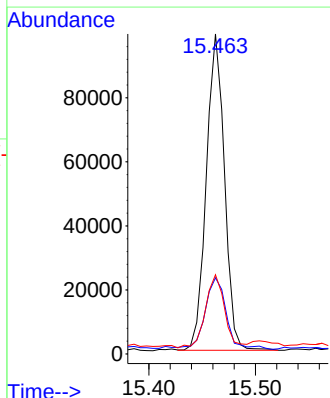
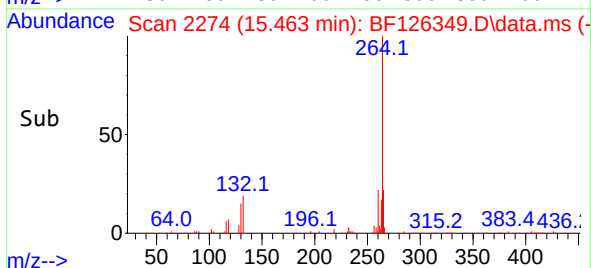
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

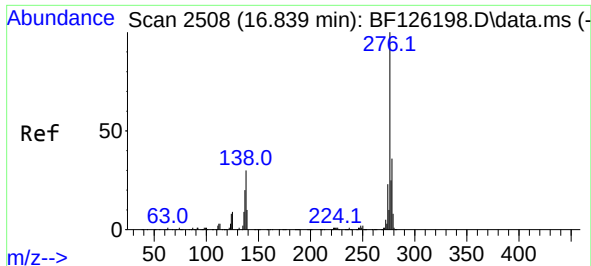


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



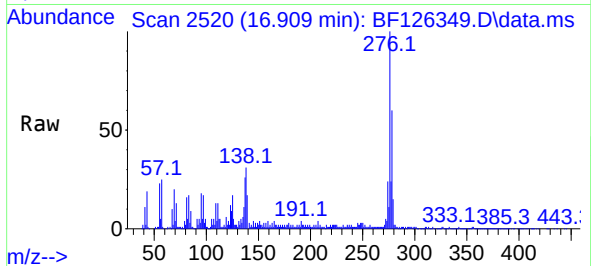
Tgt Ion:264 Resp: 117256
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 24.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.911 ng
RT: 16.909 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

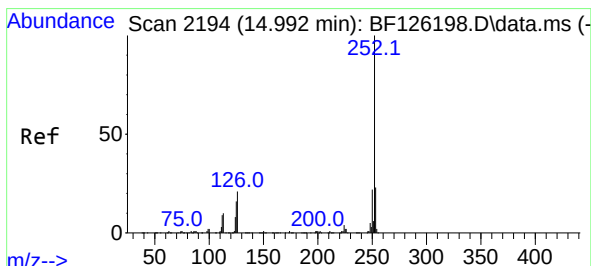
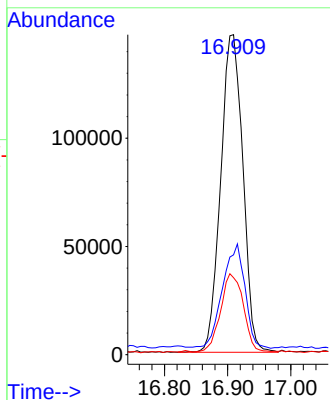
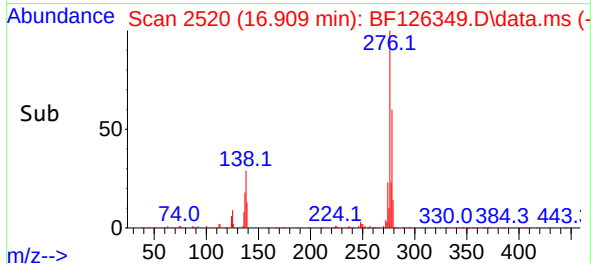
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



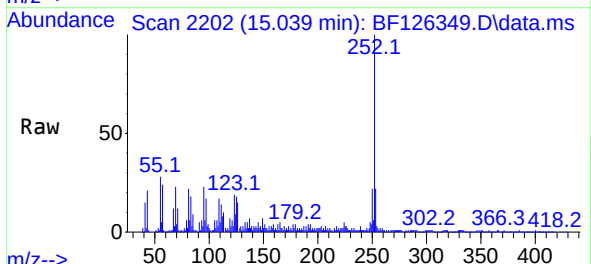
Tgt Ion:276 Resp: 35907
Ion Ratio Lower Upper
276 100
138 33.2 24.1 36.1
277 25.1 18.8 28.2

Manual Integrations
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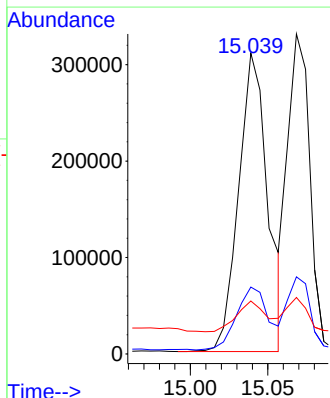
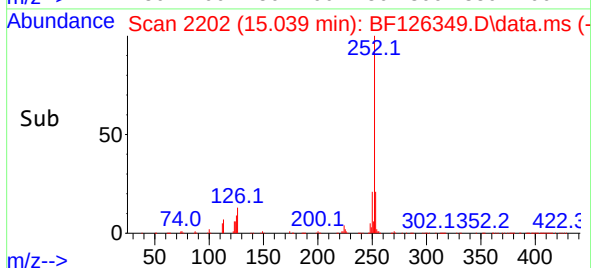
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

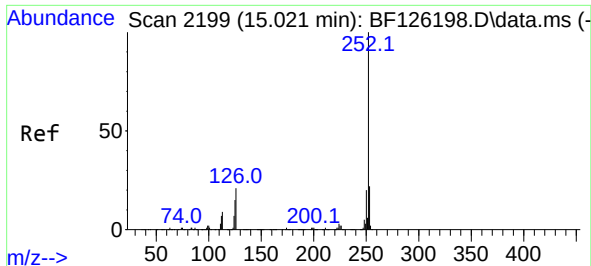


#88
Benzo(b)fluoranthene
Concen: 57.326 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



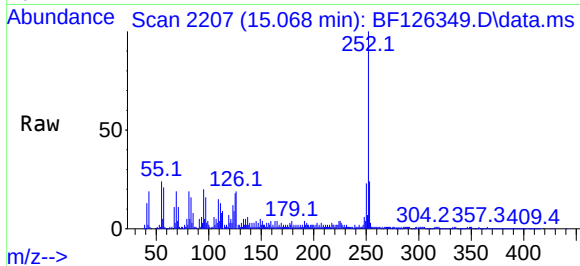
Tgt Ion:252 Resp: 403884
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 17.6 9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 48.903 ng
RT: 15.068 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

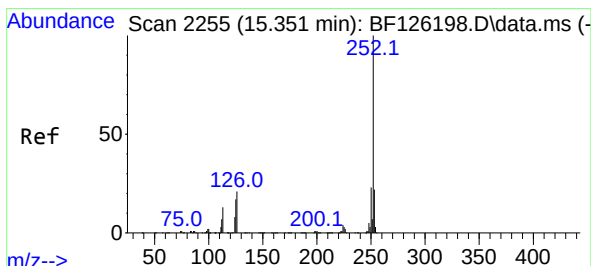
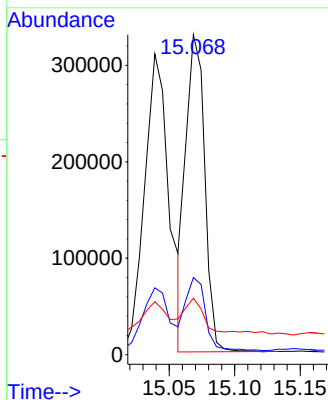
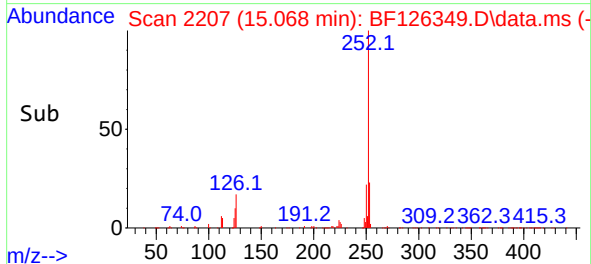
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD



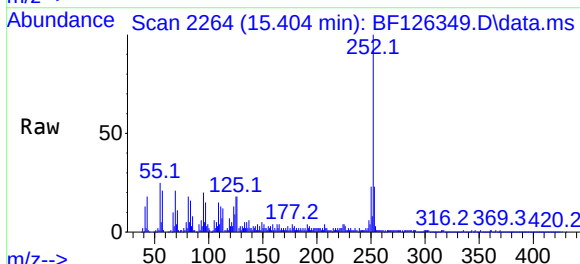
Tgt Ion:252 Resp: 32959
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 17.7 7.2 10.8

Manual Integrations
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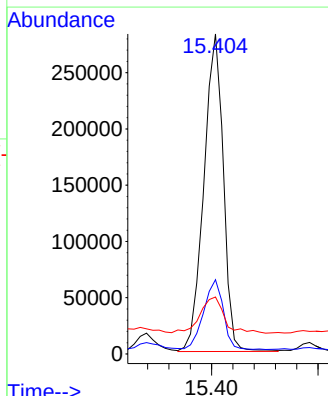
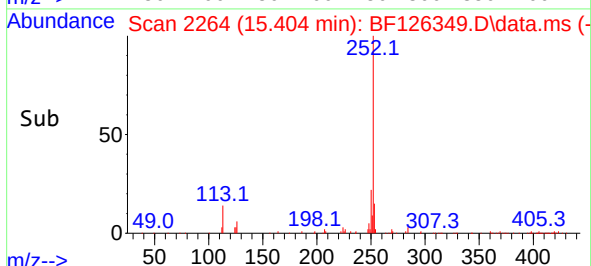
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

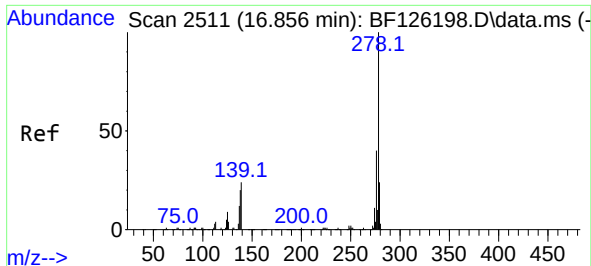


#90
Benzo(a)pyrene
Concen: 61.243 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.041 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43



Tgt Ion:252 Resp: 358615
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 17.8 9.9 14.9





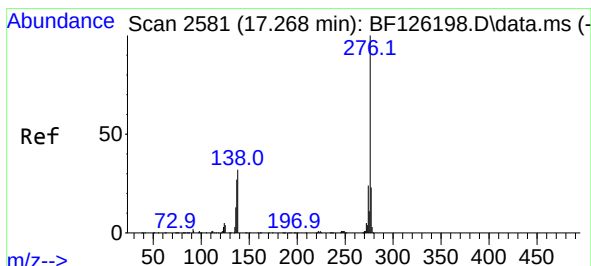
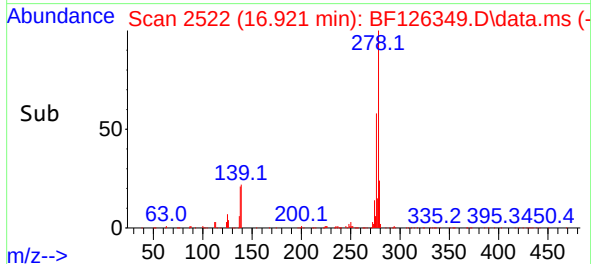
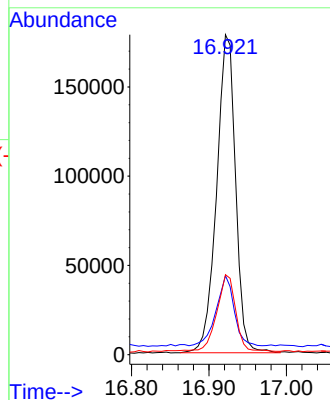
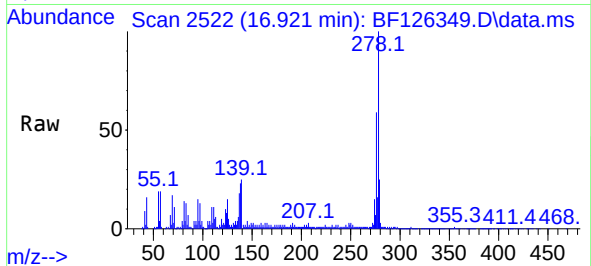
#91
Dibenzo(a,h)anthracene
Concen: 47.677 ng
RT: 16.921 min Scan# 2511
Delta R.T. 0.041 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

Tgt Ion:278 Resp: 303120
Ion Ratio Lower Upper
278 100
139 24.7 14.9 22.3
279 25.0 19.7 29.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021



#92
Benzo(g,h,i)perylene
Concen: 47.139 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.041 min
Lab File: BF126349.D
Acq: 23 Dec 2021 17:43

Tgt Ion:276 Resp: 310083
Ion Ratio Lower Upper
276 100
277 24.5 22.0 33.0
138 32.2 22.2 33.4

