

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126256.D
 Acq On : 18 Dec 2021 16:11
 Operator : JU/CG
 Sample : M5082-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-121-1(55-62)MS

Quant Time: Dec 20 08:02:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/29/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	215326	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	952978	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	447346	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	705204	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	370287	20.000	ng	0.01
86) Perylene-d12	15.421	264	352376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1497081	102.388	ng	0.02
7) Phenol-d6	6.451	99	1959889	105.564	ng	0.00
23) Nitrobenzene-d5	7.381	82	1279550	72.719	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	378911	105.397	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1666831	65.350	ng	0.00
79) Terphenyl-d14	12.927	244	1425633	66.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	317820	44.529	ng	# 100
3) Pyridine	3.381	79	715053	37.725	ng	# 76
4) n-Nitrosodimethylamine	3.334	42	361353	49.604	ng	# 1
6) Aniline	6.481	93	1042785	44.218	ng	97
8) 2-Chlorophenol	6.604	128	763801	51.512	ng	92
9) Benzaldehyde	6.363	77	557928	49.800	ng	95
10) Phenol	6.463	94	1030562	49.450	ng	94
11) bis(2-Chloroethyl)ether	6.557	93	802169	49.588	ng	99
12) 1,3-Dichlorobenzene	6.757	146	699313	46.754	ng	98
13) 1,4-Dichlorobenzene	6.834	146	698134	46.221	ng	94
14) 1,2-Dichlorobenzene	6.986	146	679238	48.637	ng	94
15) Benzyl Alcohol	6.963	79	675752	49.858	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1295505	48.938	ng	93
17) 2-Methylphenol	7.075	107	644007	49.580	ng	97
18) Hexachloroethane	7.334	117	289017	48.646	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	532122	46.688	ng	# 71
20) 3+4-Methylphenols	7.228	107	694152	45.204	ng	# 83
22) Acetophenone	7.234	105	977647	44.576	ng	95
24) Nitrobenzene	7.398	77	829710	47.235	ng	90
25) Isophorone	7.645	82	1566213	47.135	ng	# 88
26) 2-Nitrophenol	7.716	139	394574	49.829	ng	# 81
27) 2,4-Dimethylphenol	7.757	122	686272	51.033	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	1001765	45.855	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	560143	46.860	ng	91
30) 1,2,4-Trichlorobenzene	8.045	180	554918	44.881	ng	98
31) Naphthalene	8.122	128	2028127	45.508	ng	99
32) Benzoic acid	7.886	122	551544	47.608	ng	90
33) 4-Chloroaniline	8.169	127	528327	28.392	ng	97
34) Hexachlorobutadiene	8.245	225	269213	44.333	ng	99
35) Caprolactam	8.551	113	226338m	76.190	ng	
36) 4-Chloro-3-methylphenol	8.657	107	670213	47.532	ng	92
37) 2-Methylnaphthalene	8.816	142	1281119	46.678	ng	98
38) 1-Methylnaphthalene	8.916	142	1196458	44.921	ng	95
40) 1,2,4,5-Tetrachloroben...	8.986	216	417638	43.256	ng	# 95
41) Hexachlorocyclopentadiene	8.975	237	518658	93.809	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	346857	45.669	ng	93

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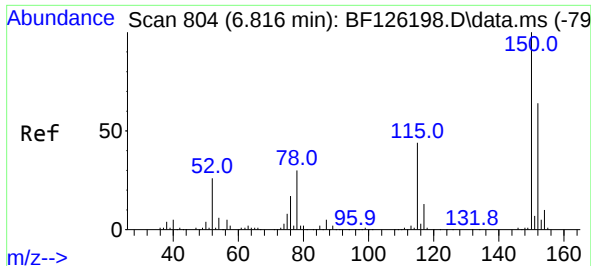
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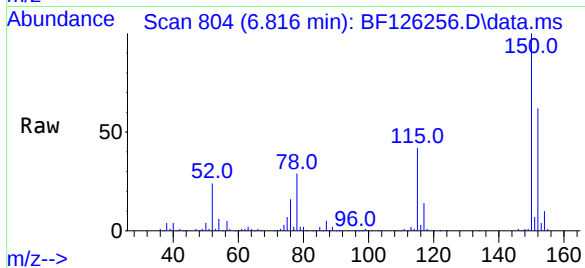
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	353541	44.950	ng	96
46) 1,1'-Biphenyl	9.280	154	1477580	44.671	ng	96
47) 2-Chloronaphthalene	9.304	162	1098680	44.147	ng	96
48) 2-Nitroaniline	9.398	65	442522	48.716	ng	89
49) Acenaphthylene	9.722	152	1718311	45.186	ng	97
50) Dimethylphthalate	9.586	163	1280514	45.188	ng	98
51) 2,6-Dinitrotoluene	9.645	165	298891	48.731	ng	96
52) Acenaphthene	9.892	154	1208039	48.985	ng	99
53) 3-Nitroaniline	9.810	138	269594	34.582	ng	# 79
54) 2,4-Dinitrophenol	9.916	184	282364	111.807	ng	# 82
55) Dibenzofuran	10.069	168	1466507	43.677	ng	96
56) 4-Nitrophenol	9.975	139	563535	100.075	ng	# 77
57) 2,4-Dinitrotoluene	10.045	165	391770	50.073	ng	# 90
58) Fluorene	10.410	166	1011221	41.602	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	265775	45.574	ng	# 100
60) Diethylphthalate	10.286	149	1250776	43.922	ng	98
61) 4-Chlorophenyl-phenyle...	10.398	204	447907	40.926	ng	97
62) 4-Nitroaniline	10.427	138	346623	53.004	ng	# 72
63) Azobenzene	10.557	77	1528254	44.307	ng	84
65) 4,6-Dinitro-2-methylph...	10.451	198	182203	47.315	ng	91
66) n-Nitrosodiphenylamine	10.522	169	1005043	44.407	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	296236	44.759	ng	# 88
68) Hexachlorobenzene	10.957	284	345835	45.433	ng	# 85
69) Atrazine	11.045	200	301112	72.599	ng	98
70) Pentachlorophenol	11.145	266	366048	86.681	ng	92
71) Phenanthrene	11.369	178	1577277	43.334	ng	95
72) Anthracene	11.422	178	1635521	44.768	ng	98
73) Carbazole	11.569	167	1519241	44.158	ng	100
74) Di-n-butylphthalate	11.910	149	1917710	43.969	ng	100
75) Fluoranthene	12.551	202	1487503	45.360	ng	90
77) Benzidine	12.674	184	813515	139.354	ng	98
78) Pyrene	12.780	202	1534313	45.101	ng	96
80) Butylbenzylphthalate	13.404	149	748188	46.736	ng	# 82
81) Benzo(a)anthracene	13.968	228	937606	42.747	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	290445	28.985	ng	# 97
83) Chrysene	14.004	228	1035001	45.416	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	812780	45.434	ng	100
85) Di-n-octyl phthalate	14.574	149	1559305	48.897	ng	99
87) Indeno(1,2,3-cd)pyrene	16.856	276	1082850	46.071	ng	# 92
88) Benzo(b)fluoranthene	15.004	252	1112916	52.564	ng	# 95
89) Benzo(k)fluoranthene	15.033	252	886625	43.775	ng	# 95
90) Benzo(a)pyrene	15.362	252	990976	56.315	ng	# 95
91) Dibenzo(a,h)anthracene	16.874	278	902529	47.237	ng	# 94
92) Benzo(g,h,i)perylene	17.286	276	939602	47.530	ng	92

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

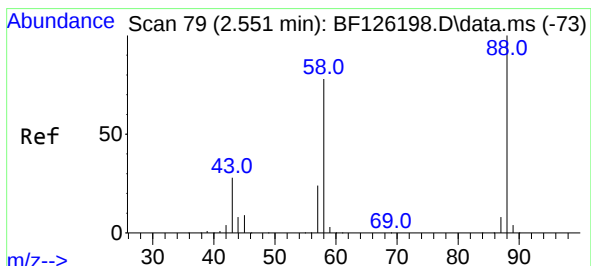
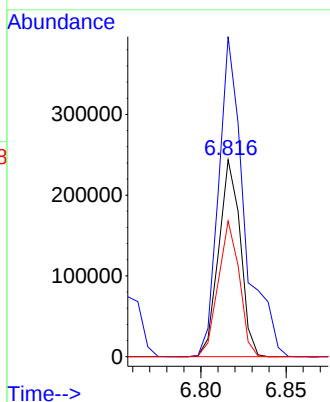
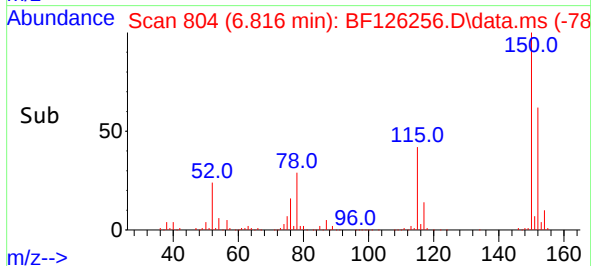
Instrument :
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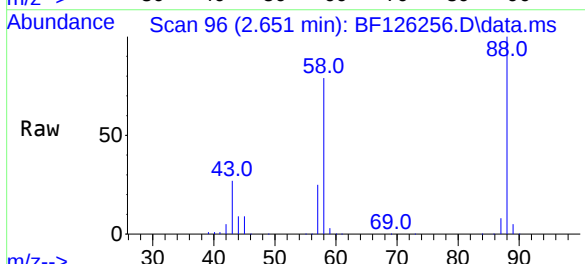
Tgt Ion:152 Resp: 215320
Ion Ratio Lower Upper
152 100
150 162.4 117.6 176.4
115 68.8 47.1 70.7

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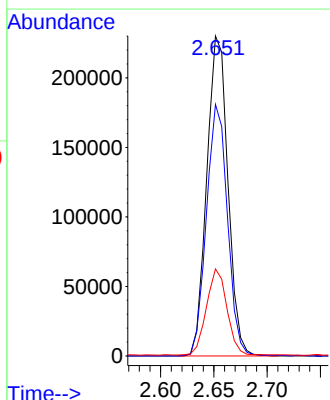
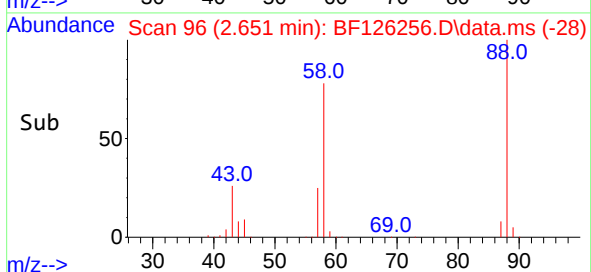
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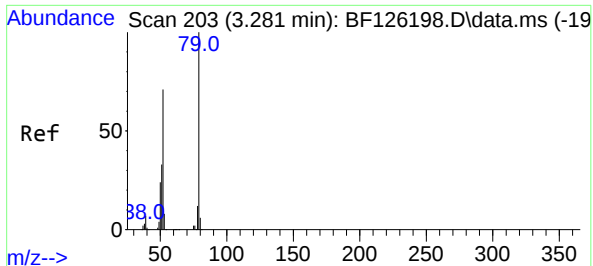


#2
1,4-Dioxane
Concen: 44.529 ng
RT: 2.651 min Scan# 96
Delta R.T. 0.100 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



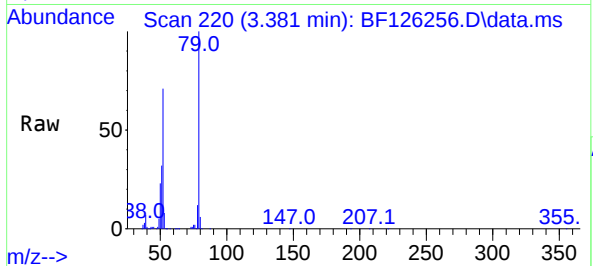
Tgt Ion: 88 Resp: 317820
Ion Ratio Lower Upper
88 100
58 78.4 0.0 0.0#
43 26.5 0.0 0.0#





#3
Pyridine
Concen: 37.725 ng
RT: 3.381 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

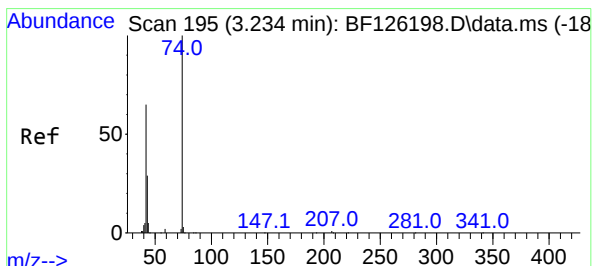
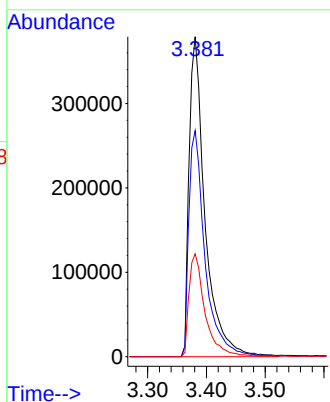
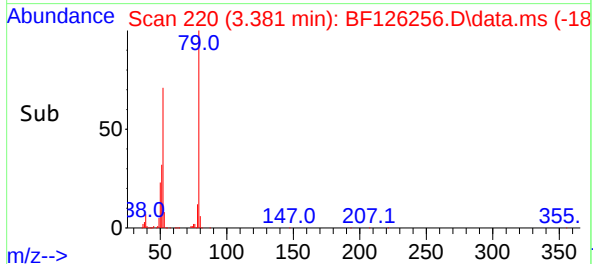
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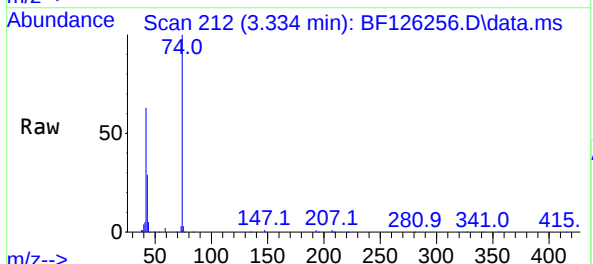
Tgt Ion: 79 Resp: 71505
Ion Ratio Lower Upper
79 100
52 70.6 70.3 105.5
51 32.2 44.1 66.1

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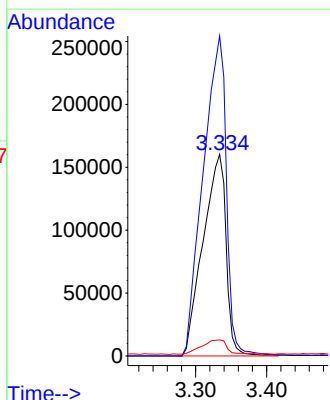
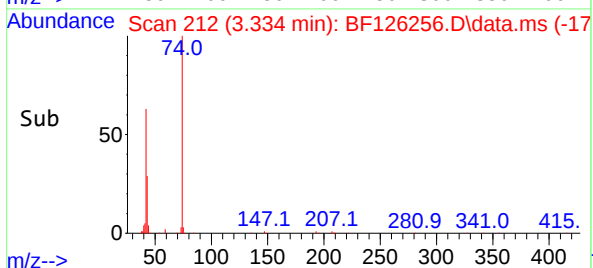
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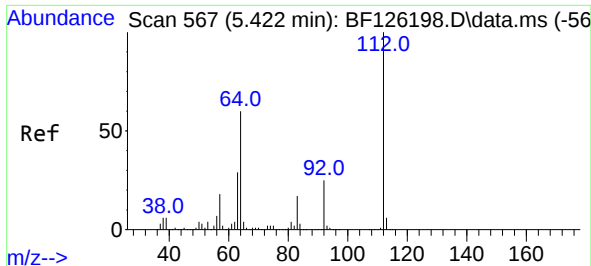


#4
n-Nitrosodimethylamine
Concen: 49.604 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.100 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



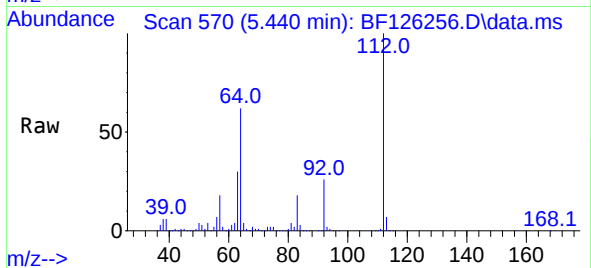
Tgt Ion: 42 Resp: 361353
Ion Ratio Lower Upper
42 100
74 158.7 59.0 88.6#
44 8.0 0.0 0.0#





#5
2-Fluorophenol
Concen: 102.388 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

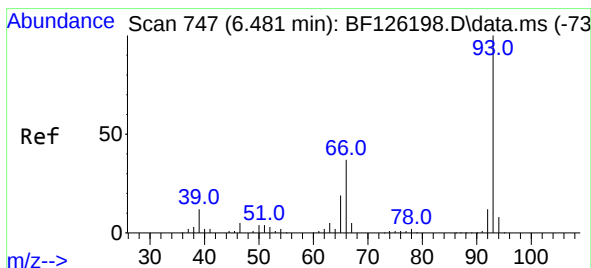
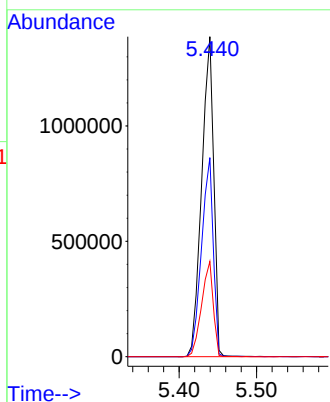
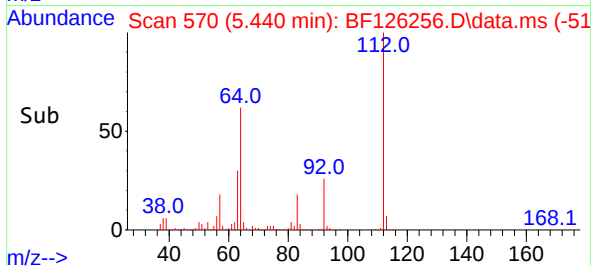
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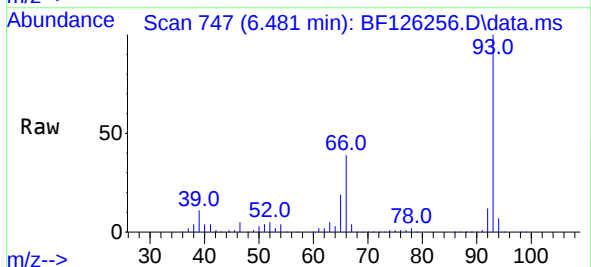
Tgt Ion: 112 Resp: 149708
Ion Ratio Lower Upper
112 100
64 62.2 44.2 66.2
63 29.8 26.2 39.2

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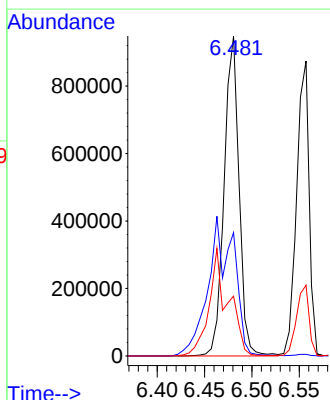
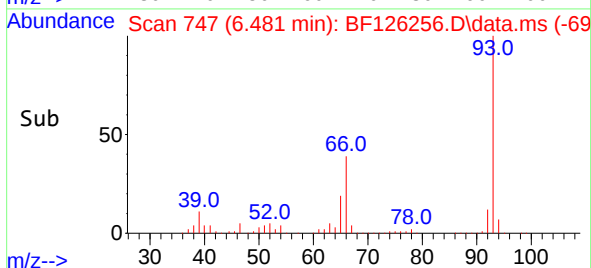
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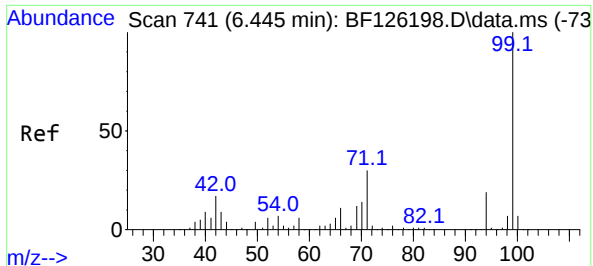


#6
Aniline
Concen: 44.218 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



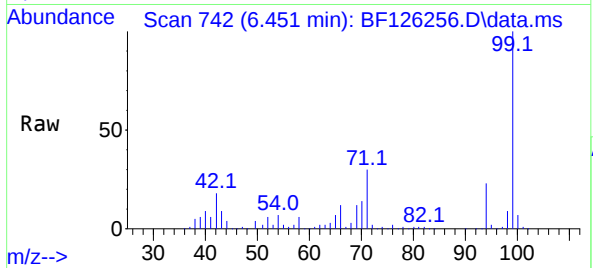
Tgt Ion: 93 Resp: 1042785
Ion Ratio Lower Upper
93 100
66 38.5 32.7 49.1
65 18.7 14.2 21.4





#7
Phenol-d6
Concen: 105.564 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

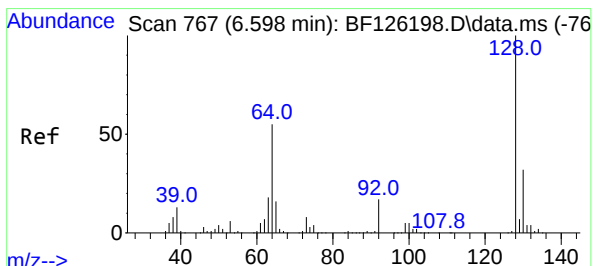
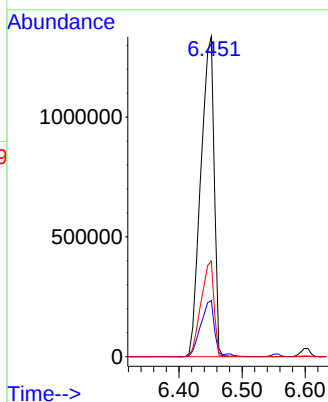
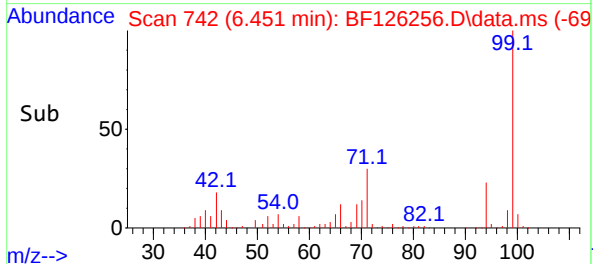
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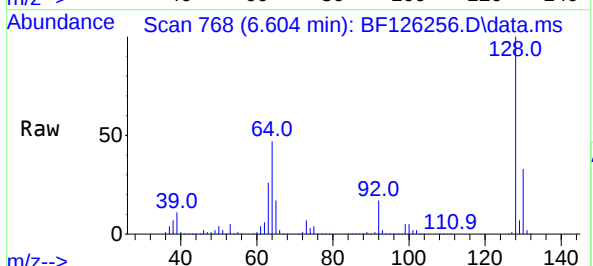
Tgt Ion: 99 Resp: 1959889
Ion Ratio Lower Upper
99 100
42 17.5 23.5 35.3
71 29.9 25.6 38.4

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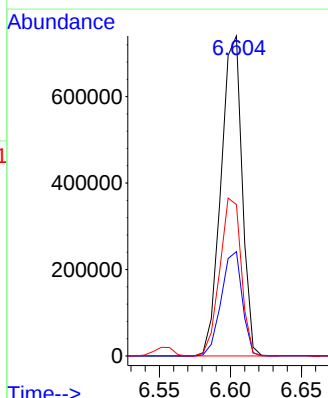
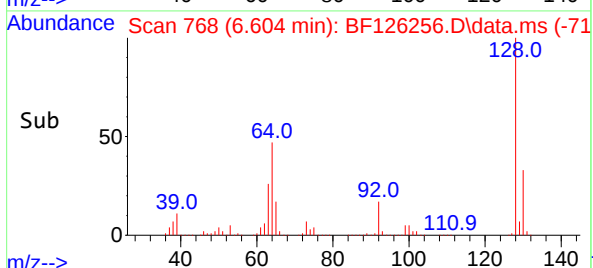
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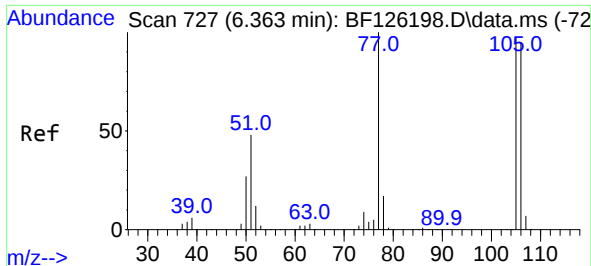


#8
2-Chlorophenol
Concen: 51.512 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



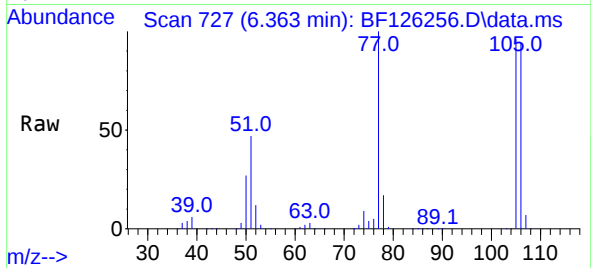
Tgt Ion:128 Resp: 763801
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 47.3 20.3 60.3





#9
Benzaldehyde
Concen: 49.800 ng
RT: 6.363 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

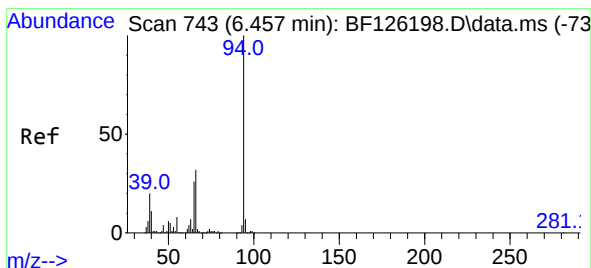
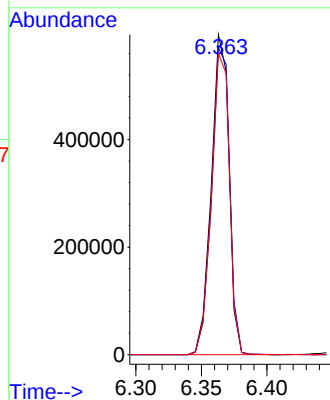
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Tgt Ion: 77 Resp: 557928
Ion Ratio Lower Upper
77 100
105 95.9 75.9 115.9
106 94.1 84.0 124.0

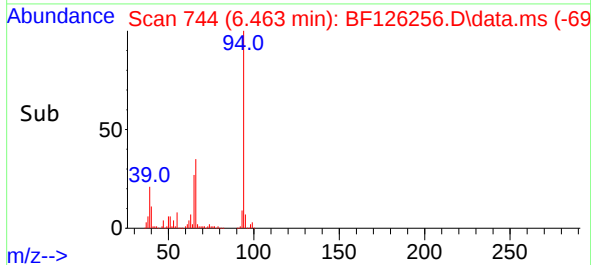
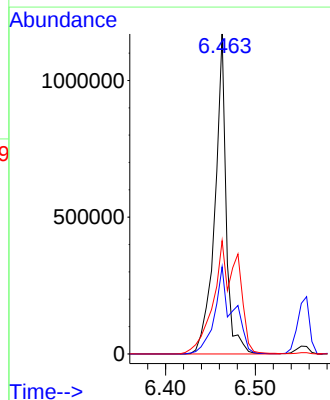
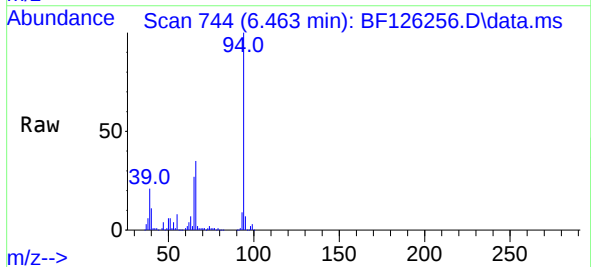
Manual Integrations
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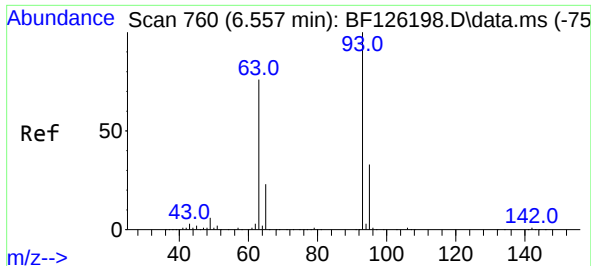
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#10
Phenol
Concen: 49.450 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

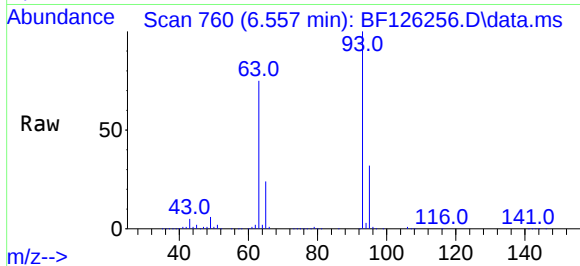
Tgt Ion: 94 Resp: 1030562
Ion Ratio Lower Upper
94 100
65 27.2 9.3 49.3
66 35.4 20.3 60.3





#11
bis(2-Chloroethyl)ether
Concen: 49.588 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

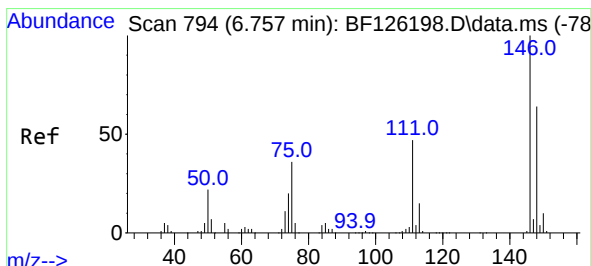
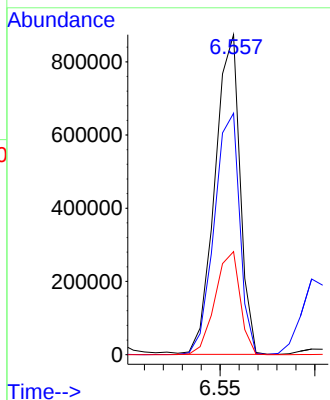
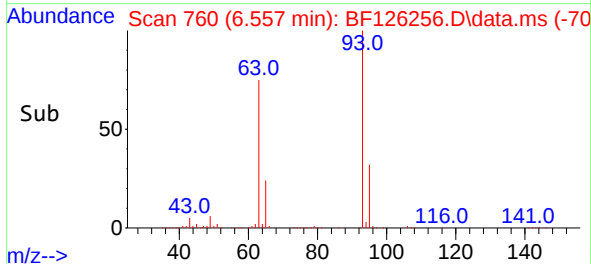
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



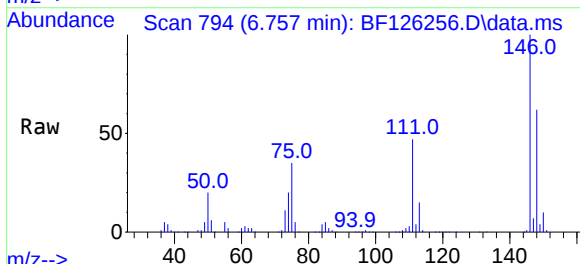
Tgt Ion: 93 Resp: 802169
Ion Ratio Lower Upper
93 100
63 75.5 54.4 94.4
95 32.2 11.4 51.4

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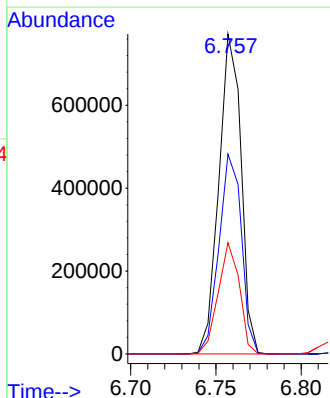
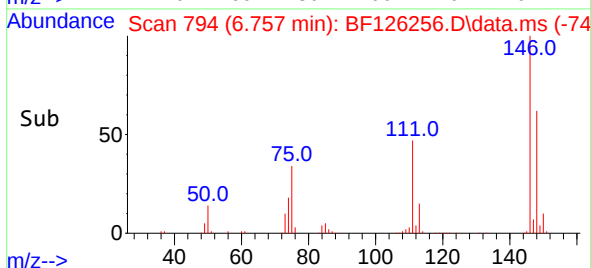
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

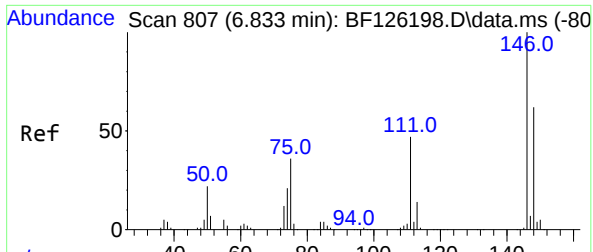


#12
1,3-Dichlorobenzene
Concen: 46.754 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



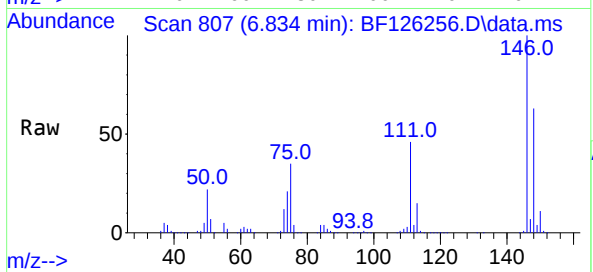
Tgt Ion:146 Resp: 699313
Ion Ratio Lower Upper
146 100
148 62.5 49.7 74.5
75 34.7 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 46.221 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

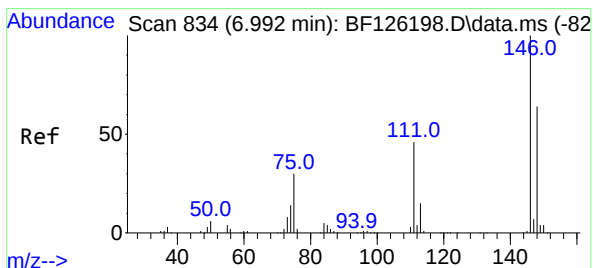
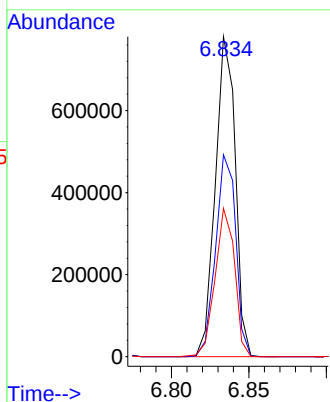
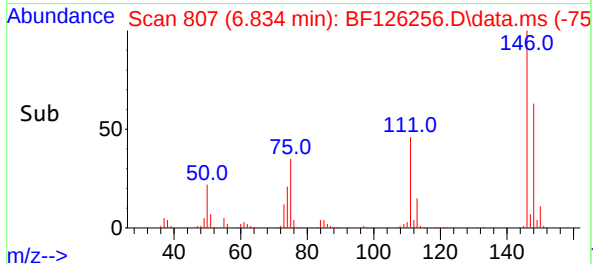
Instrument :
BNA_F
ClientSampleId :
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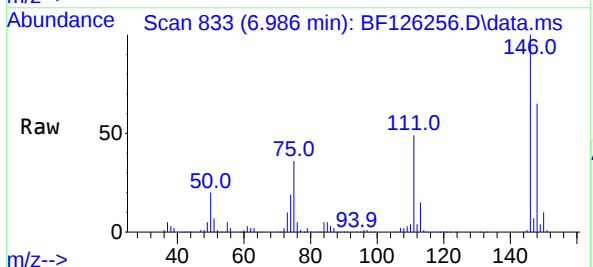
Tgt Ion:146 Resp: 698134
Ion Ratio Lower Upper
146 100
148 63.1 51.9 77.9
111 46.4 31.8 47.6

Manual Integrations
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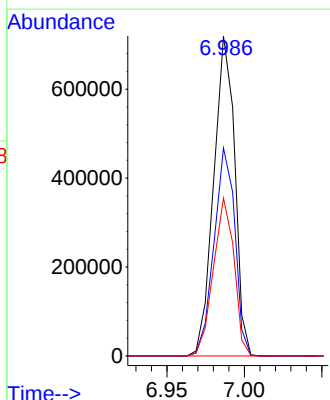
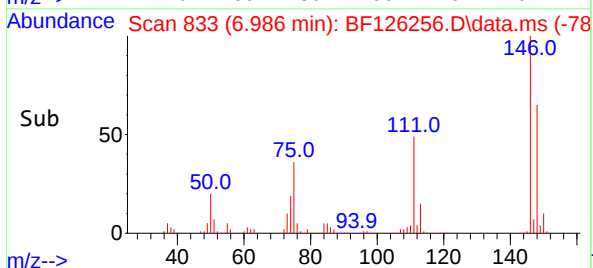
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

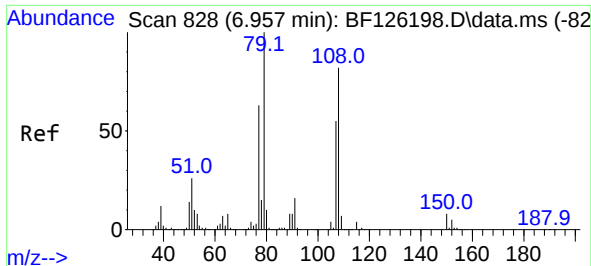


#14
1,2-Dichlorobenzene
Concen: 48.637 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



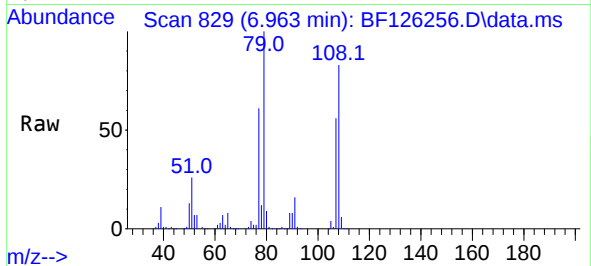
Tgt Ion:146 Resp: 679238
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
111 49.3 33.5 50.3





#15
Benzyl Alcohol
Concen: 49.858 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

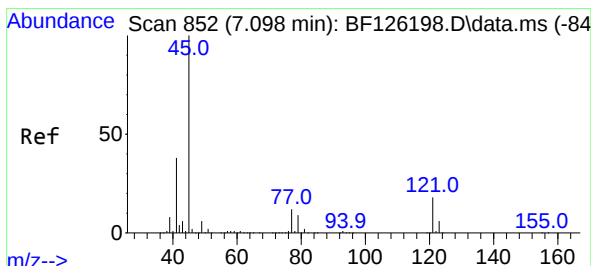
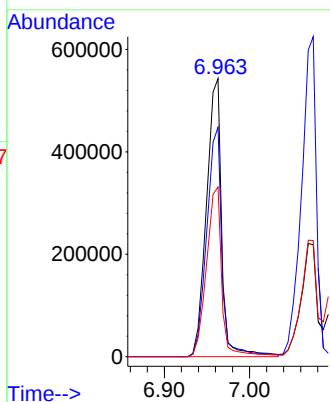
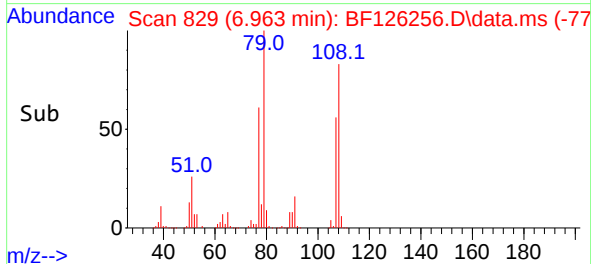
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion: 79 Resp: 675752
Ion Ratio Lower Upper
79 100
108 82.5 60.4 90.6
77 61.1 51.5 77.3

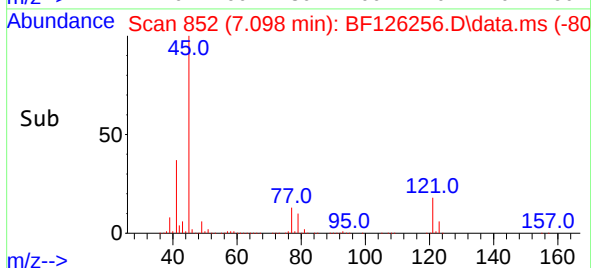
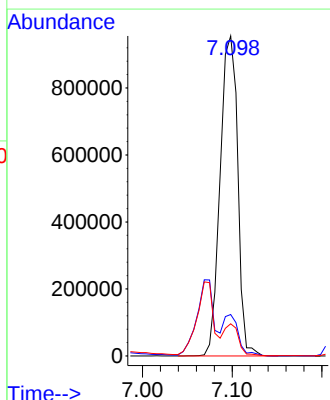
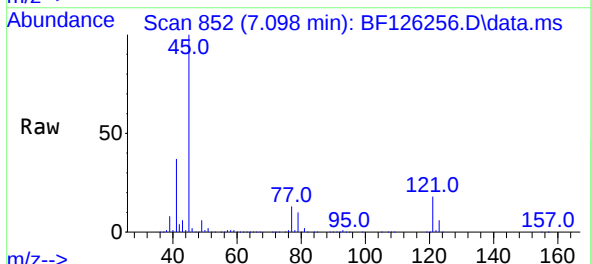
Manual Integrations
APPROVED

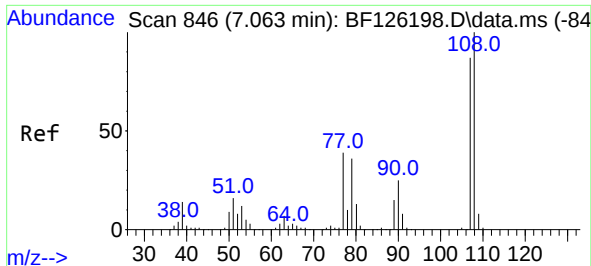
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.938 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

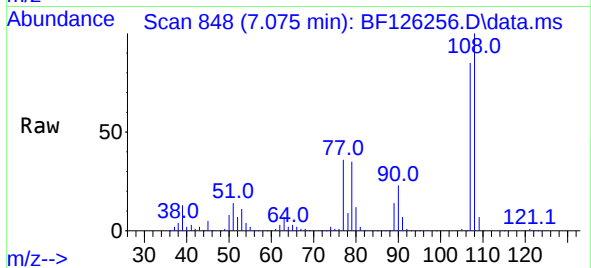
Tgt Ion: 45 Resp: 1295505
Ion Ratio Lower Upper
45 100
77 13.0 0.0 30.6
79 10.0 0.0 27.5





#17
2-Methylphenol
Concen: 49.580 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS

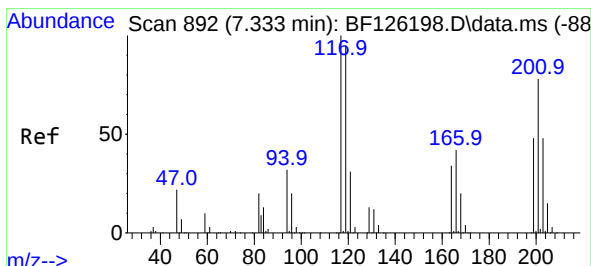
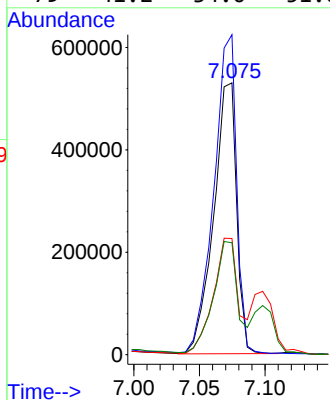
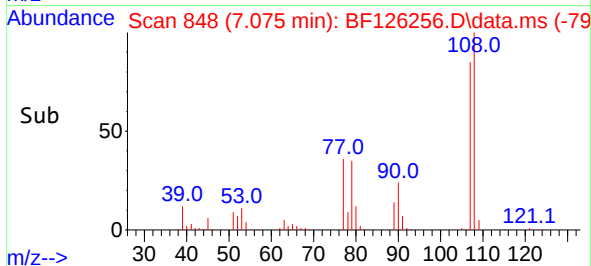


Tgt Ion:107 Resp: 64400

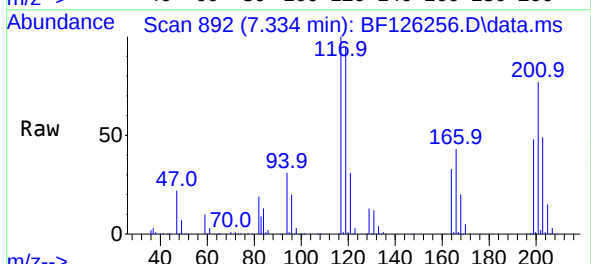
Ion	Ratio	Lower	Upper
107	100		
108	117.7	90.6	135.8
77	42.7	35.7	53.5
79	41.2	34.0	51.0

Manual Integrations
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Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

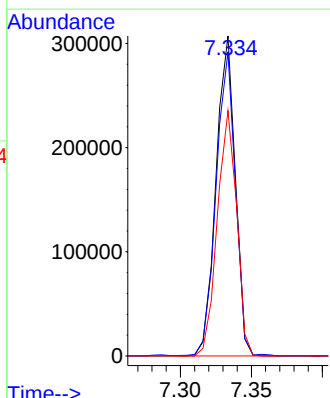
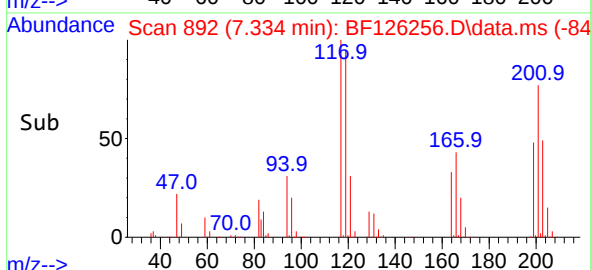


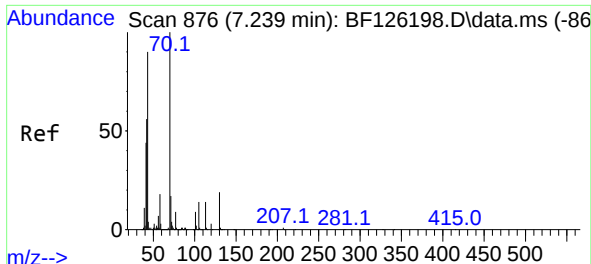
#18
Hexachloroethane
Concen: 48.646 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



Tgt Ion:117 Resp: 289017

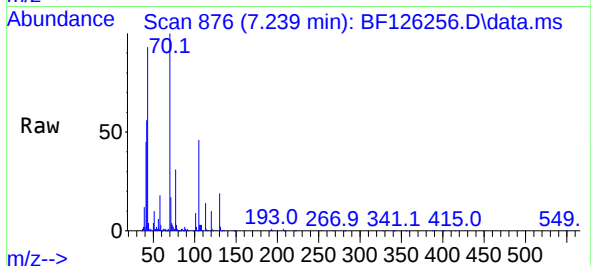
Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.4	110.2
201	76.6	64.9	97.3





#19
n-Nitroso-di-n-propylamine
Concen: 46.688 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

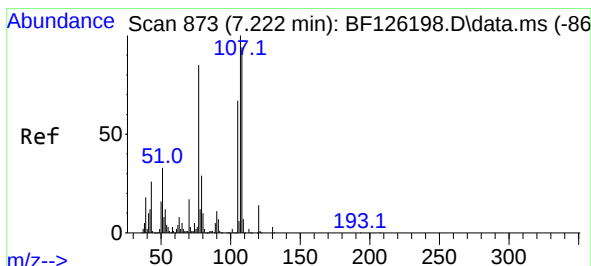
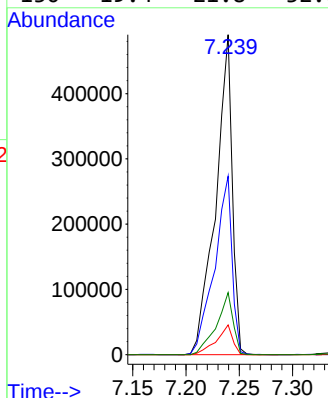
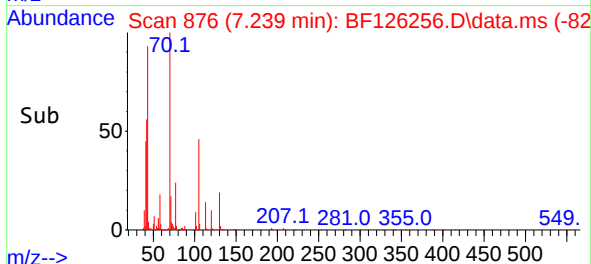
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



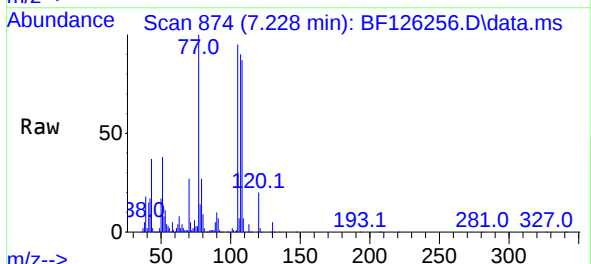
Tgt Ion: 70 Resp: 53212
Ion Ratio Lower Upper
70 100
42 55.8 72.2 108.2
101 9.3 7.8 11.8
130 19.4 21.8 32.6#

Manual Integrations
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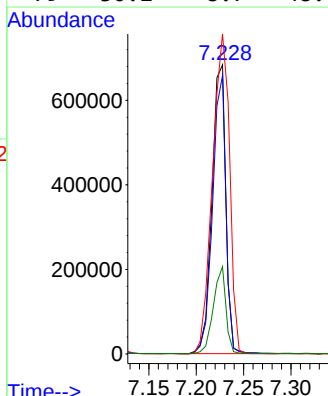
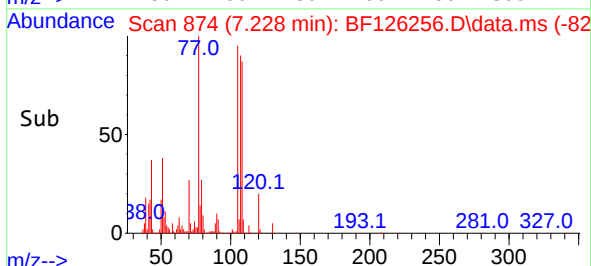
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

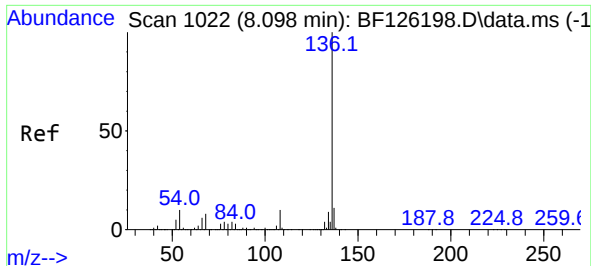


#20
3+4-Methylphenols
Concen: 45.204 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



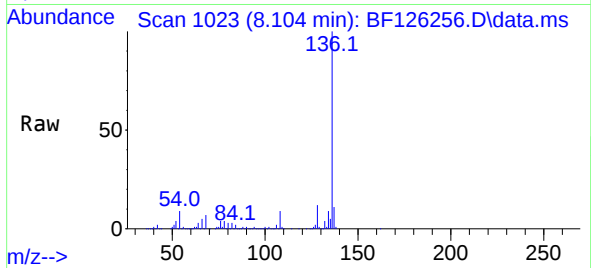
Tgt Ion:107 Resp: 694152
Ion Ratio Lower Upper
107 100
108 96.3 76.6 116.6
77 110.7 53.3 93.3#
79 30.2 8.7 48.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

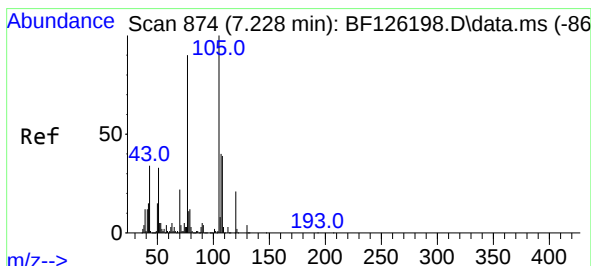
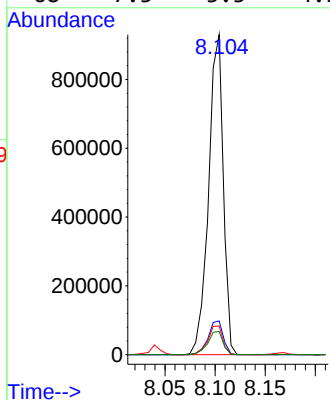
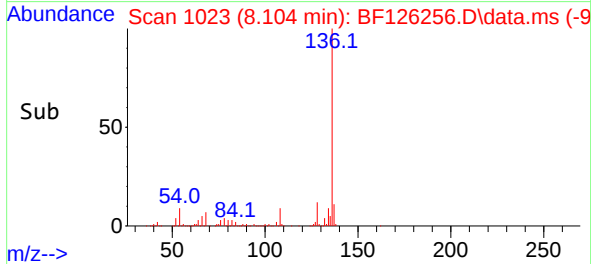
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:136 Resp: 952978
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.0 6.4 9.6
68 7.3 3.3 4.9#

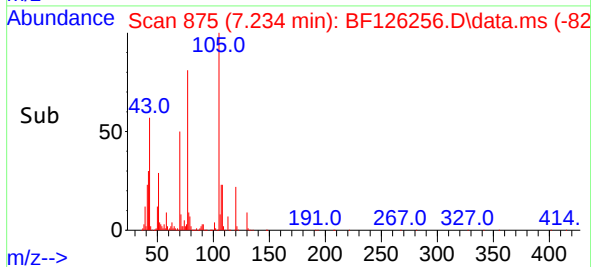
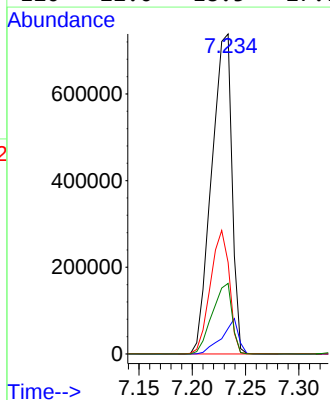
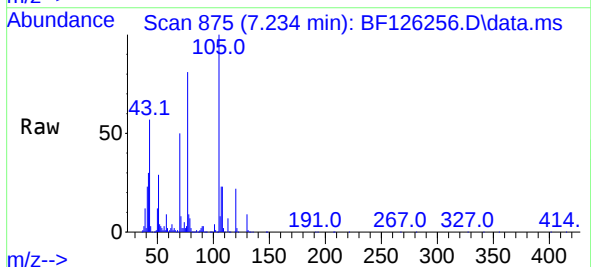
Manual Integrations
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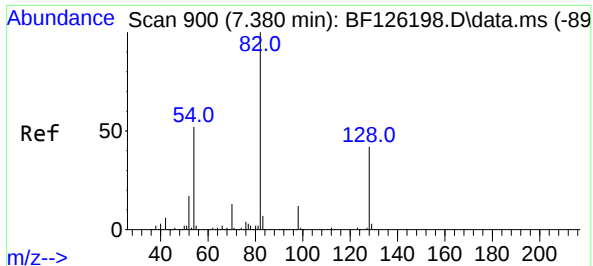
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#22
Acetophenone
Concen: 44.576 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

Tgt Ion:105 Resp: 977647
Ion Ratio Lower Upper
105 100
71 8.0 5.5 8.3
51 28.6 26.0 39.0
120 22.0 18.5 27.7





#23

Nitrobenzene-d5

Concen: 72.719 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA_F

ClientSampleId :

SASP2-121-1(55-62)MS

Tgt Ion: 82 Resp: 1279550

Ion Ratio Lower Upper

82 100

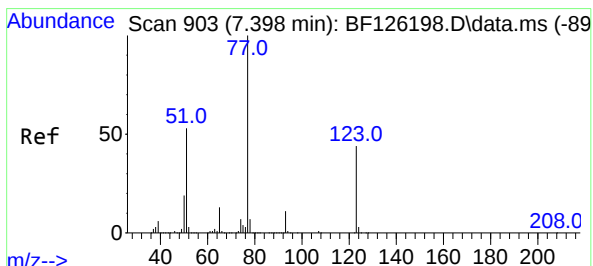
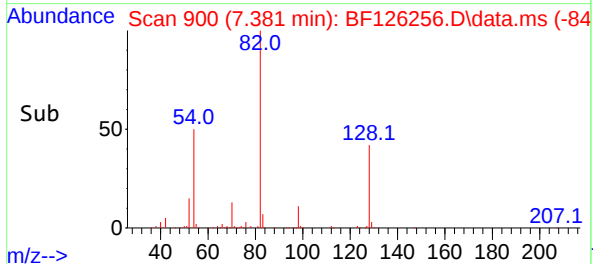
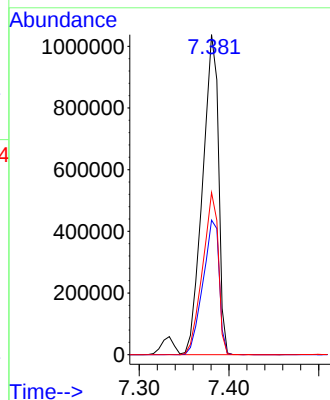
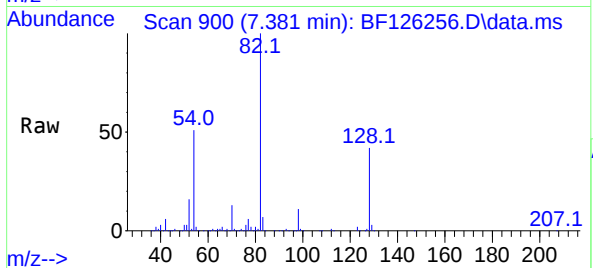
128 42.1 40.6 60.8

54 50.6 49.6 74.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#24

Nitrobenzene

Concen: 47.235 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

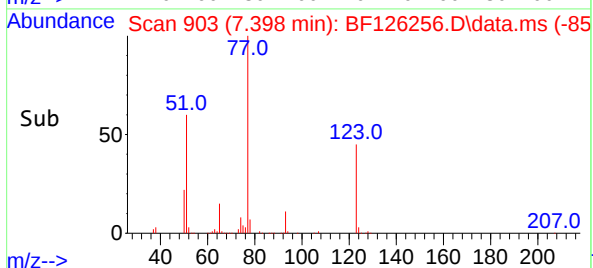
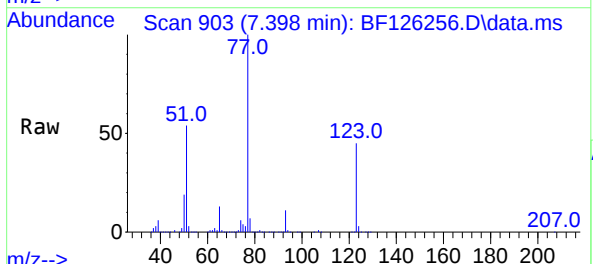
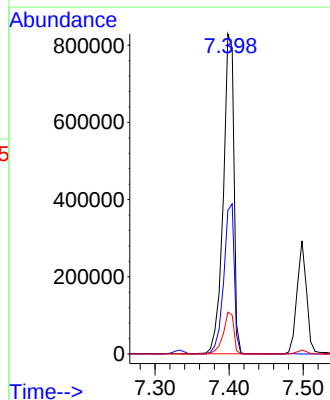
Tgt Ion: 77 Resp: 829710

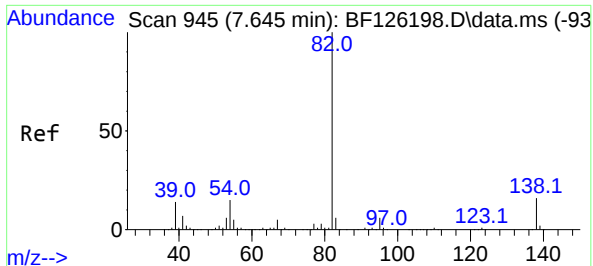
Ion Ratio Lower Upper

77 100

123 44.9 42.3 63.5

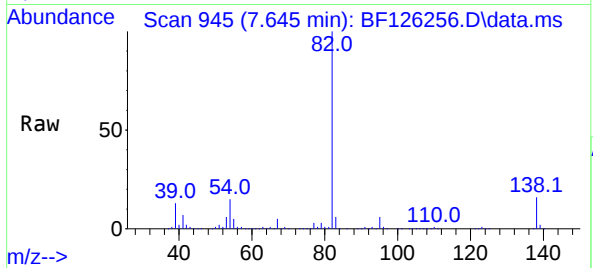
65 13.1 12.4 18.6





#25
Isophorone
Concen: 47.135 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

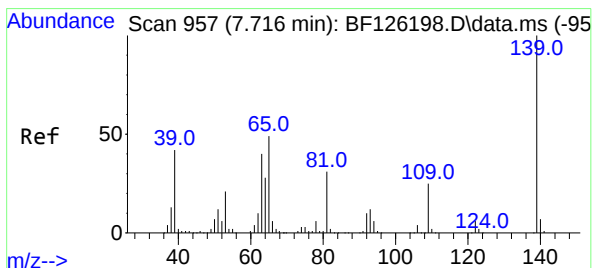
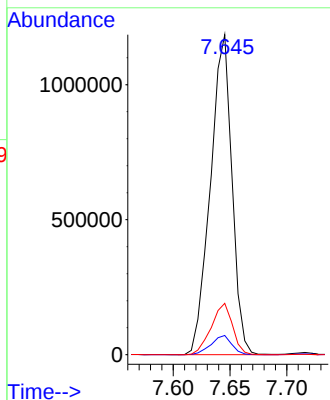
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



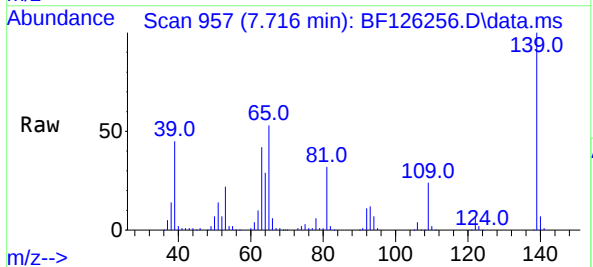
Tgt Ion: 82 Resp: 156621
Ion Ratio Lower Upper
82 100
95 6.0 6.5 9.7
138 16.1 18.4 27.6

Manual Integrations
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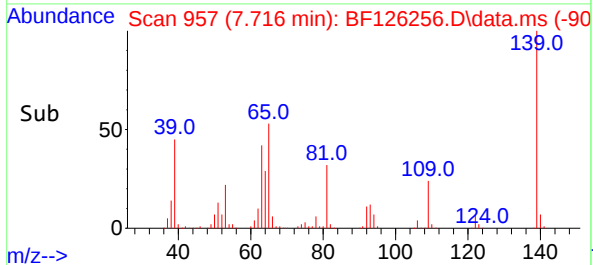
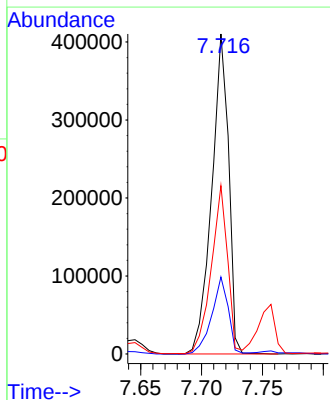
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

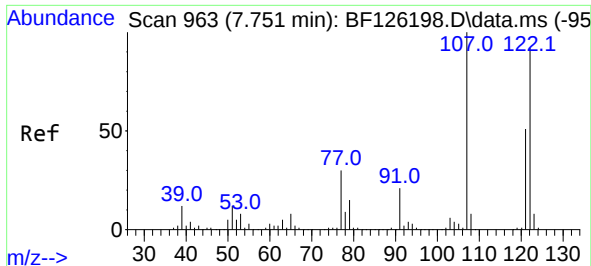


#26
2-Nitrophenol
Concen: 49.829 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



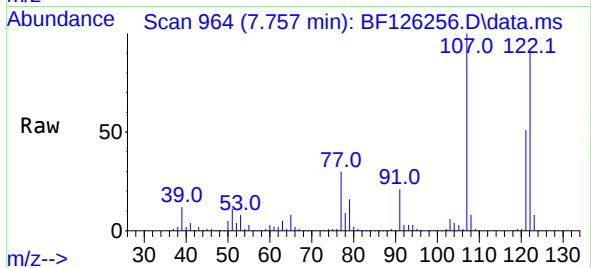
Tgt Ion:139 Resp: 394574
Ion Ratio Lower Upper
139 100
109 24.1 26.0 39.0#
65 52.6 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 51.033 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

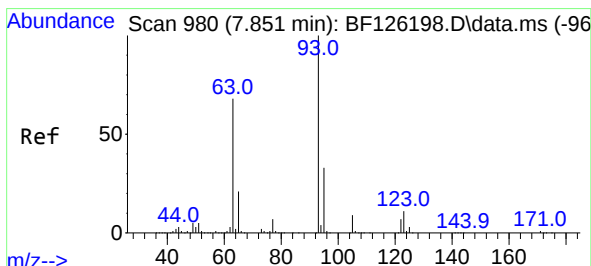
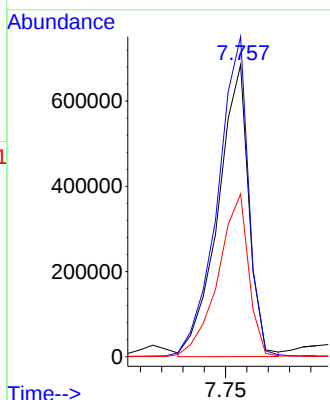
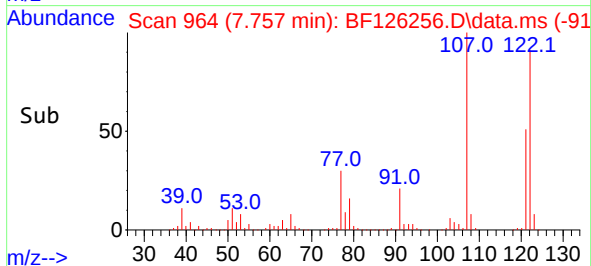
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



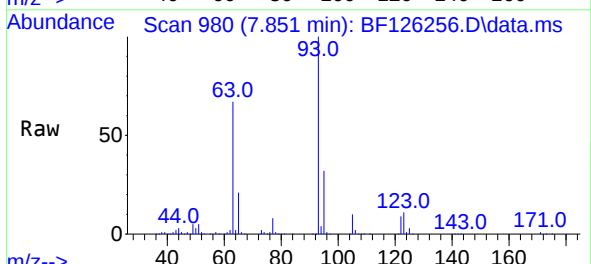
Tgt Ion:122 Resp: 686272
Ion Ratio Lower Upper
122 100
107 109.6 85.0 127.6
121 55.7 43.3 64.9

Manual Integrations
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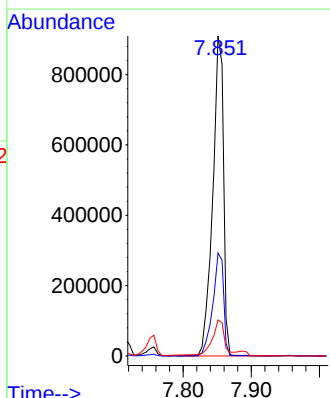
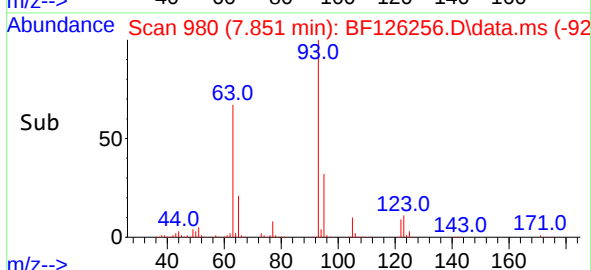
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

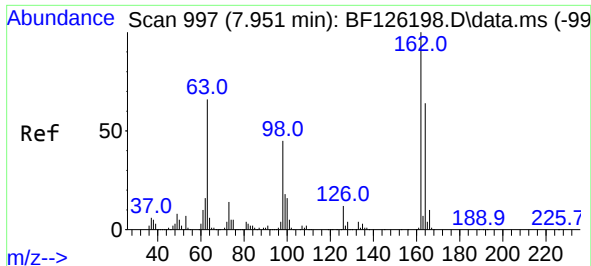


#28
bis(2-Chloroethoxy)methane
Concen: 45.855 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



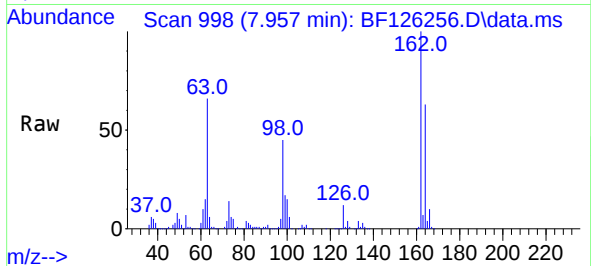
Tgt Ion: 93 Resp: 1001765
Ion Ratio Lower Upper
93 100
95 32.1 26.1 39.1
123 11.3 11.7 17.5#





#29
2,4-Dichlorophenol
Concen: 46.860 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

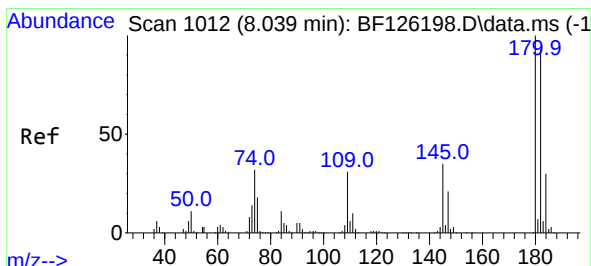
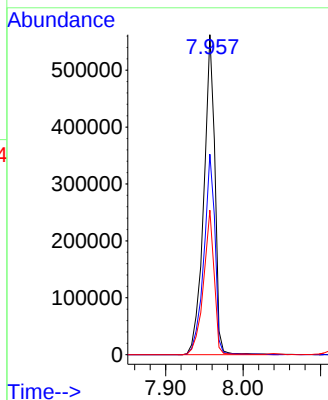
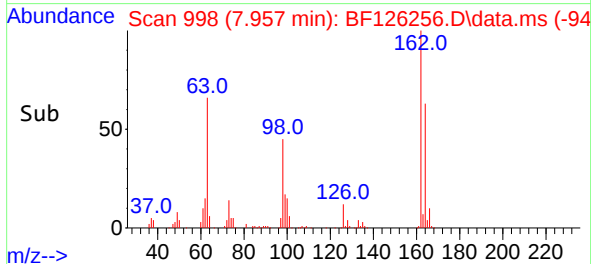
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



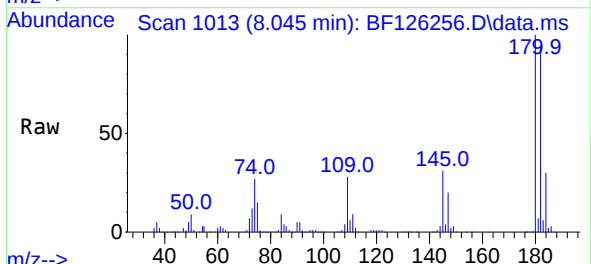
Tgt Ion:162 Resp: 56014
Ion Ratio Lower Upper
162 100
164 62.6 44.5 84.5
98 45.2 13.0 53.0

Manual Integrations
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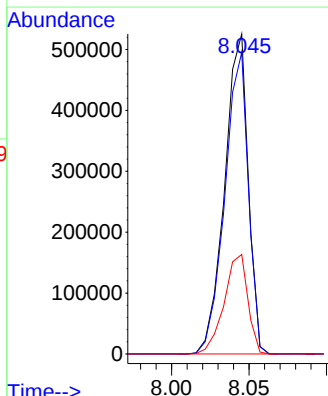
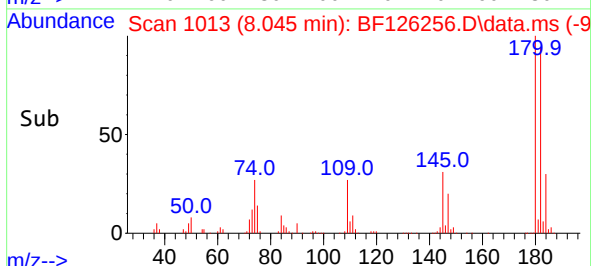
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

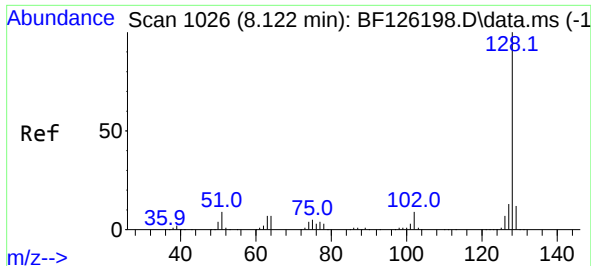


#30
1,2,4-Trichlorobenzene
Concen: 44.881 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



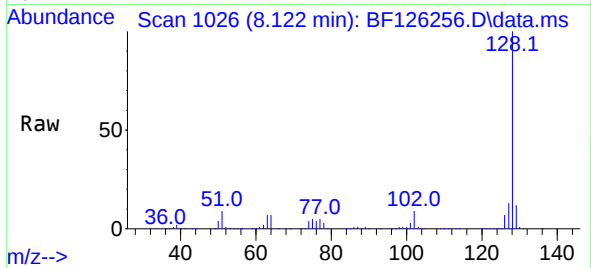
Tgt Ion:180 Resp: 554918
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 31.1 26.7 40.1





#31
Naphthalene
Concen: 45.508 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

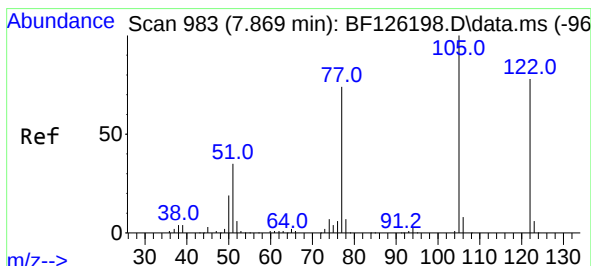
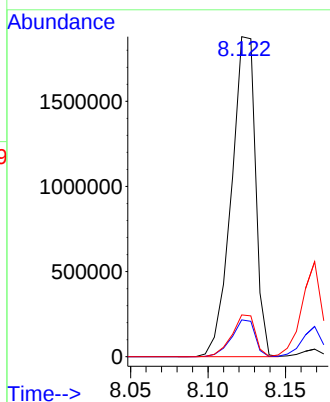
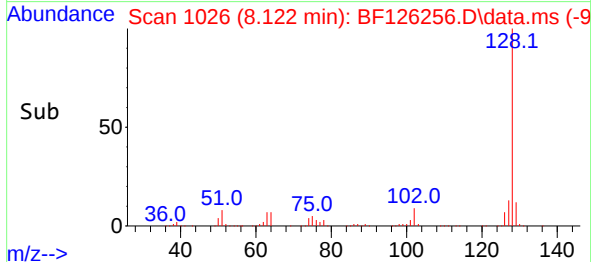
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



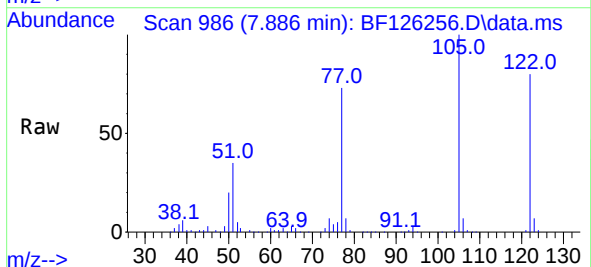
Tgt Ion:128 Resp: 202812
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.0 10.9 16.3

Manual Integrations
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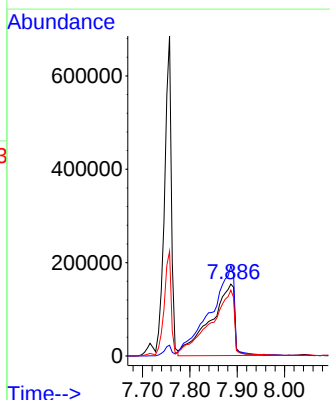
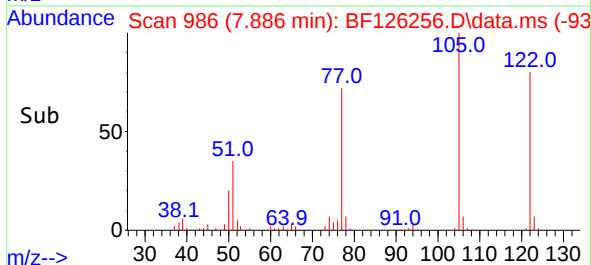
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

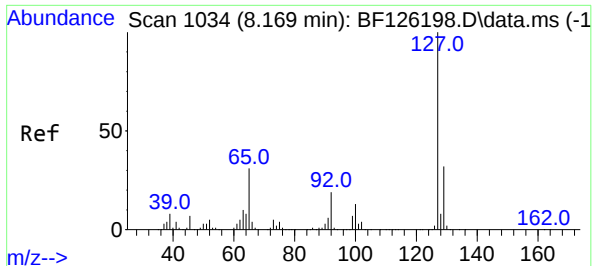


#32
Benzoic acid
Concen: 47.608 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



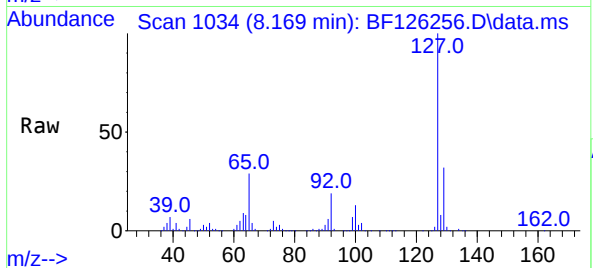
Tgt Ion:122 Resp: 551544
Ion Ratio Lower Upper
122 100
105 125.4 97.6 137.6
77 91.6 59.6 99.6





#33
4-Chloroaniline
Concen: 28.392 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

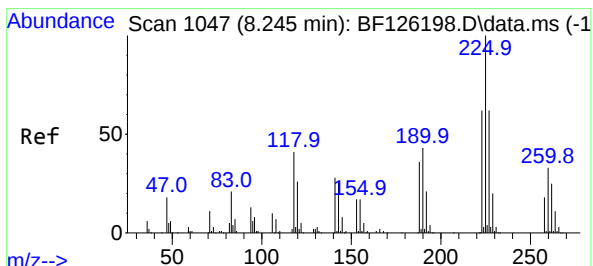
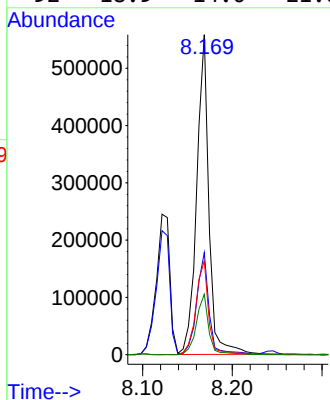
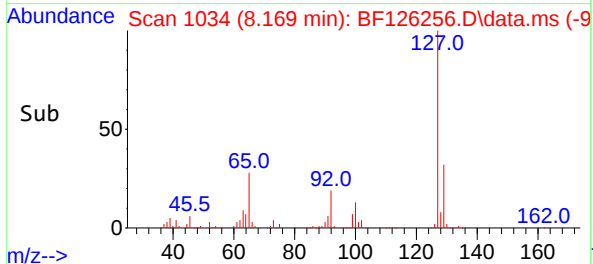
Instrument :
BNA_F
ClientSampleId :
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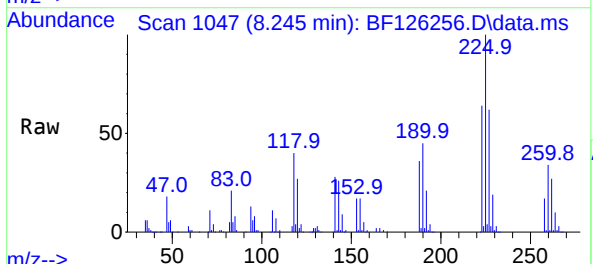
Tgt Ion:127 Resp: 52832
Ion Ratio Lower Upper
127 100
129 31.9 25.7 38.5
65 29.3 21.2 31.8
92 18.9 14.0 21.0

Manual Integrations
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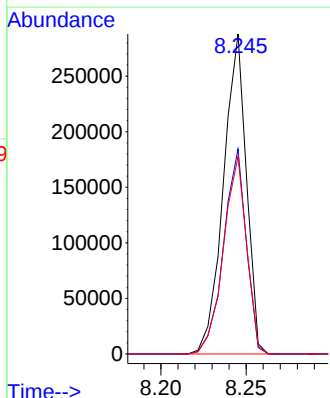
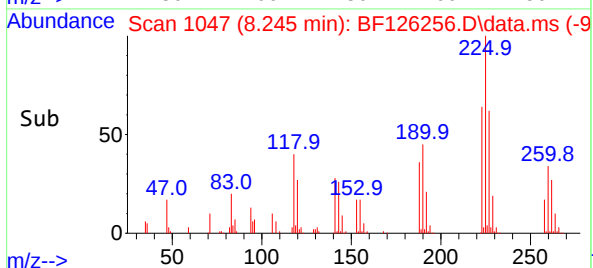
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

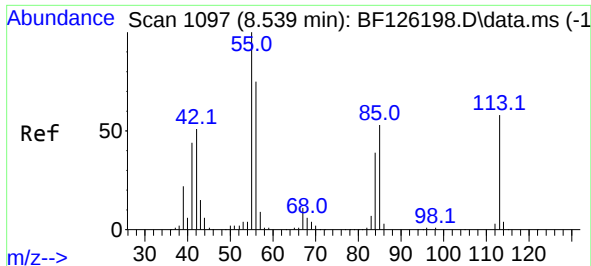


#34
Hexachlorobutadiene
Concen: 44.333 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



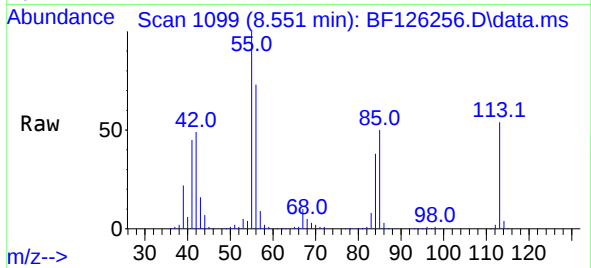
Tgt Ion:225 Resp: 269213
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 61.6 50.6 75.8





#35
Caprolactam
Concen: 76.190 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

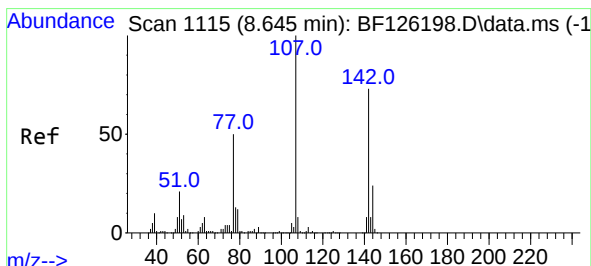
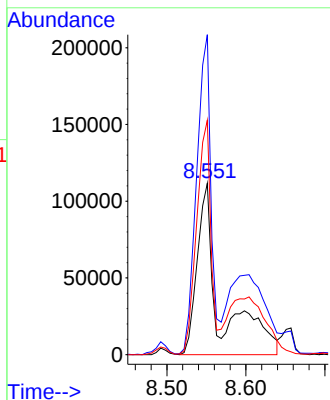
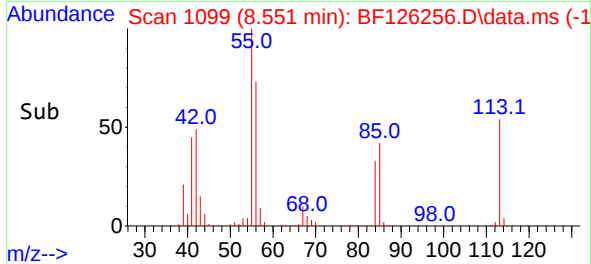
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:113 Resp: 226338
Ion Ratio Lower Upper
113 100
55 186.7 154.1 194.1
56 136.8 108.7 148.7

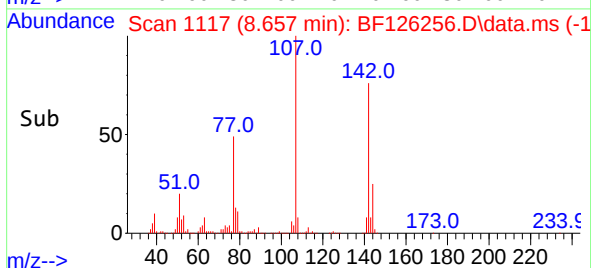
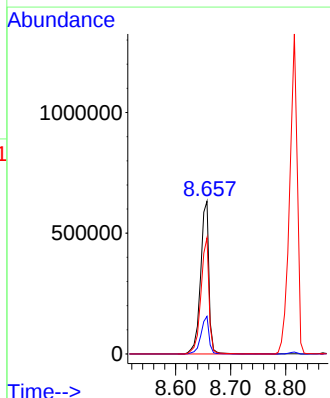
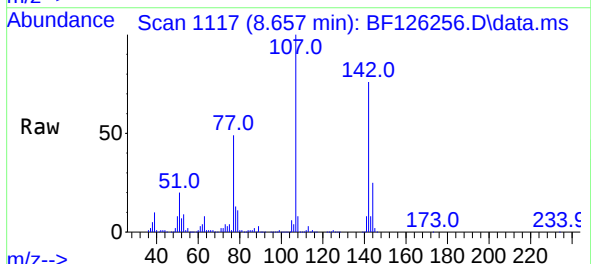
Manual Integrations
APPROVED

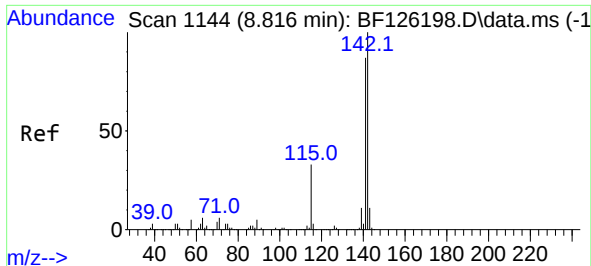
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#36
4-Chloro-3-methylphenol
Concen: 47.532 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

Tgt Ion:107 Resp: 670213
Ion Ratio Lower Upper
107 100
144 24.6 21.9 32.9
142 76.1 67.1 100.7





#37

2-Methylnaphthalene

Concen: 46.678 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA_F

ClientSampleId :

SASP2-121-1(55-62)MS

Tgt Ion:142 Resp: 1281119

Ion Ratio Lower Upper

142 100

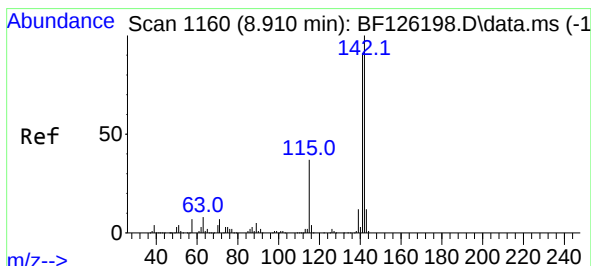
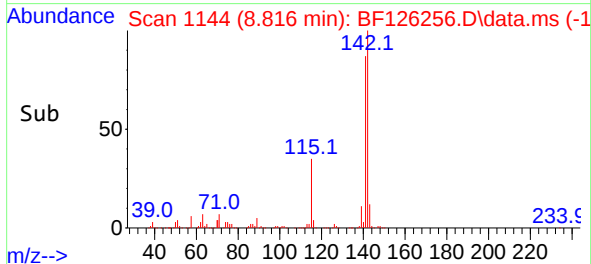
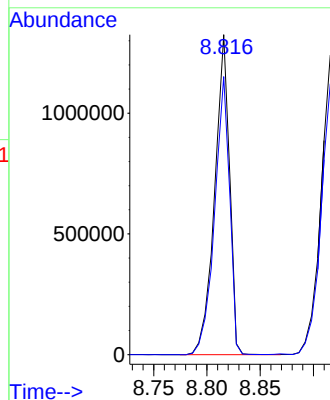
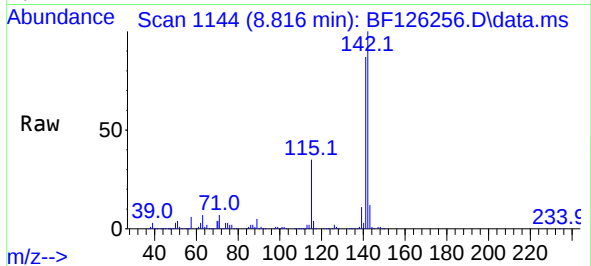
141 86.9 71.2 106.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2021

Supervised By :mohammad ahmed 12/29/2021



#38

1-Methylnaphthalene

Concen: 44.921 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126256.D

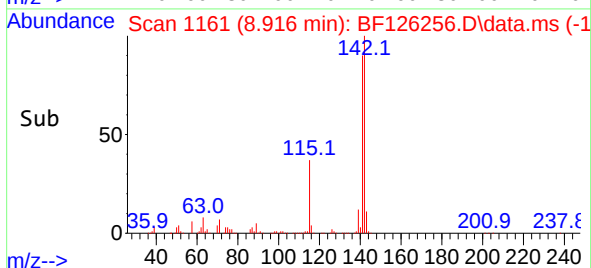
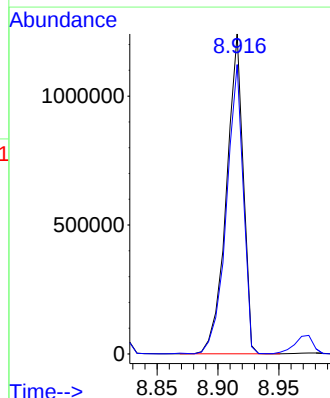
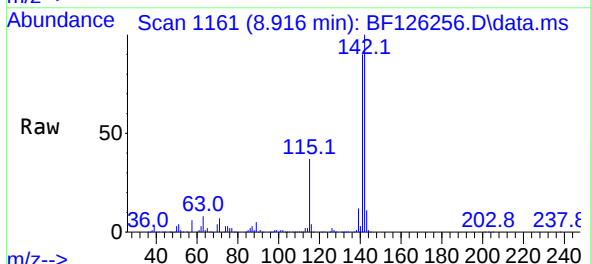
Acq: 18 Dec 2021 16:11

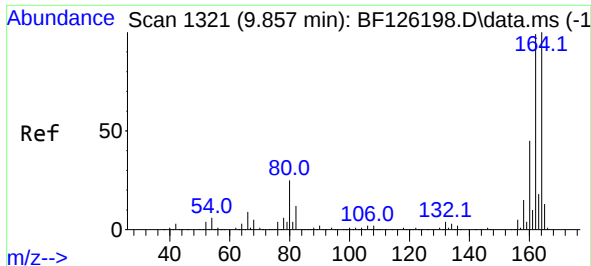
Tgt Ion:142 Resp: 1196458

Ion Ratio Lower Upper

142 100

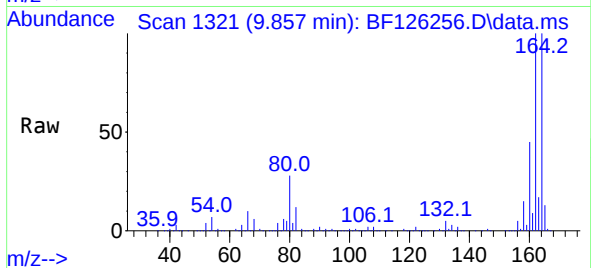
141 90.4 76.0 114.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

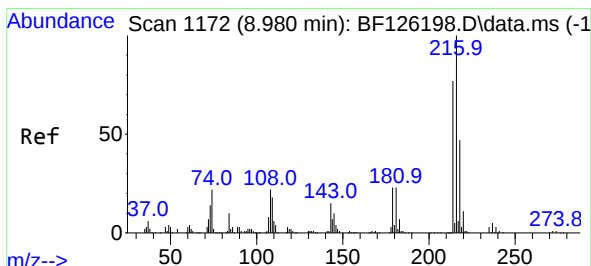
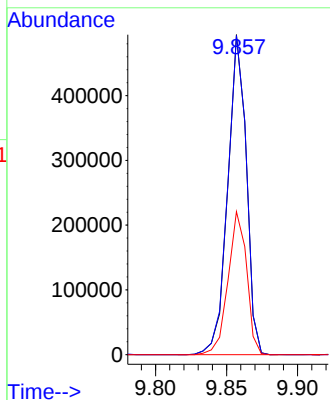
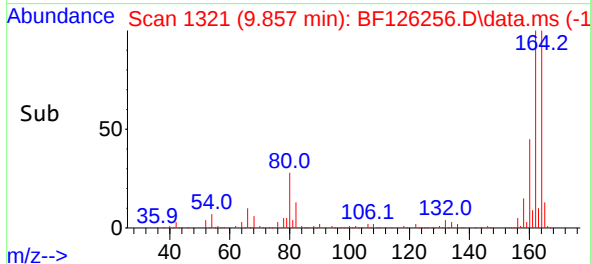
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



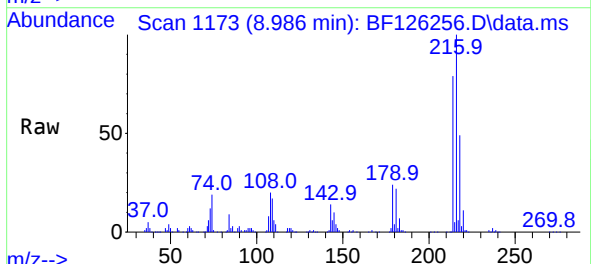
Tgt Ion:164 Resp: 447340
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.7 38.0 57.0

Manual Integrations
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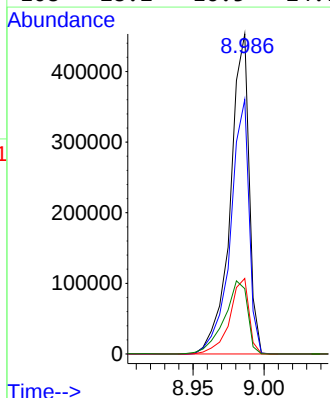
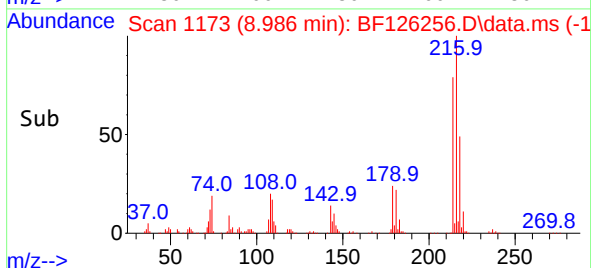
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

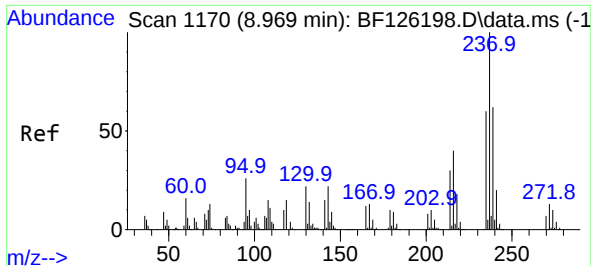


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.256 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



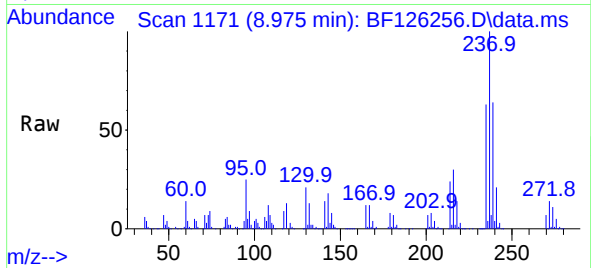
Tgt Ion:216 Resp: 417638
Ion Ratio Lower Upper
216 100
214 78.9 64.9 97.3
179 24.1 17.4 26.2
108 28.2 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 93.809 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

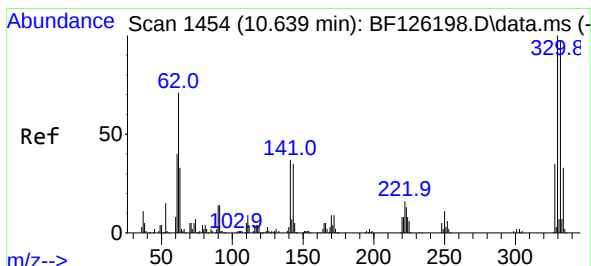
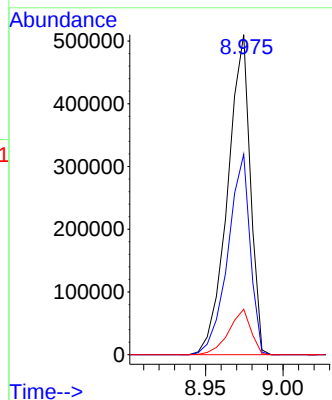
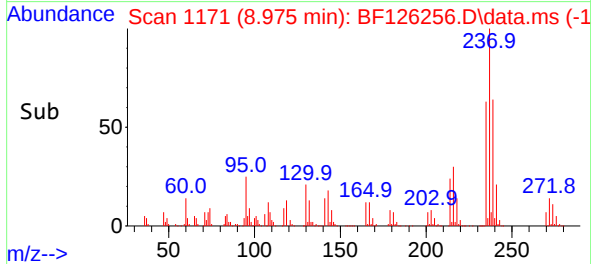
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



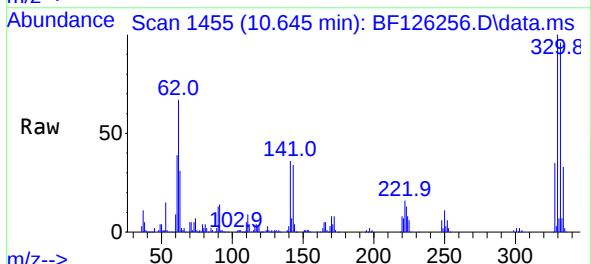
Tgt Ion:237 Resp: 518658
Ion Ratio Lower Upper
237 100
235 62.6 44.7 84.7
272 14.2 0.0 31.6

Manual Integrations
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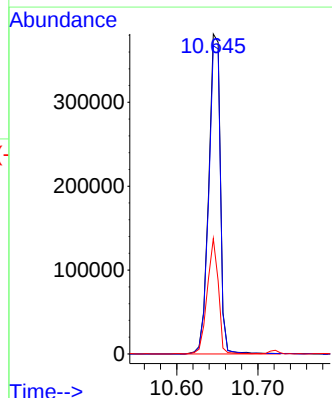
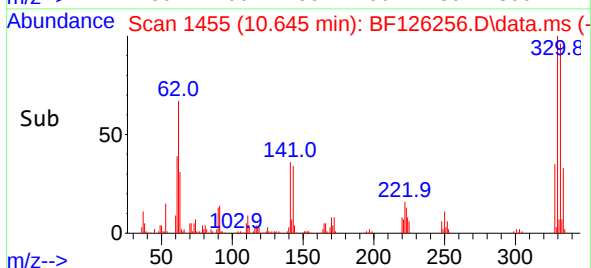
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

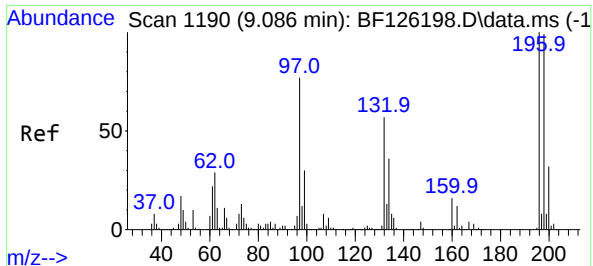


#42
2,4,6-Tribromophenol
Concen: 105.397 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



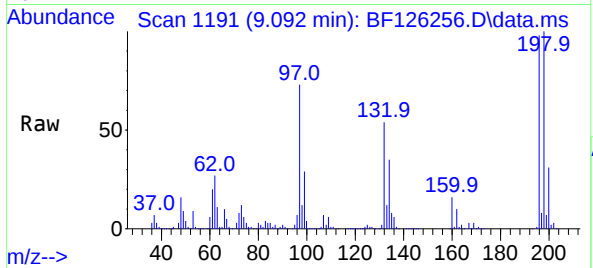
Tgt Ion:330 Resp: 378911
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 34.4 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 45.669 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

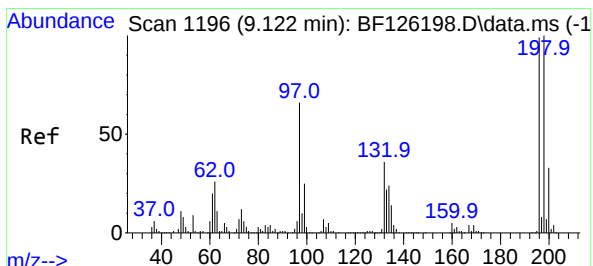
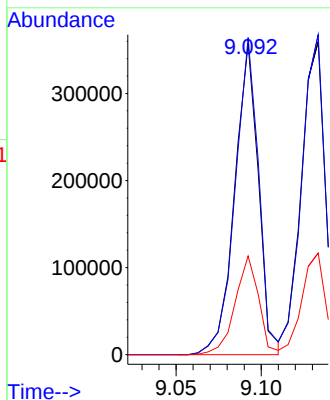
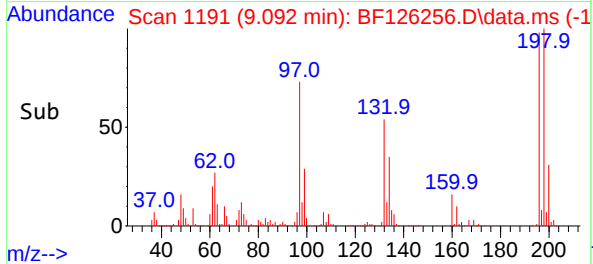
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



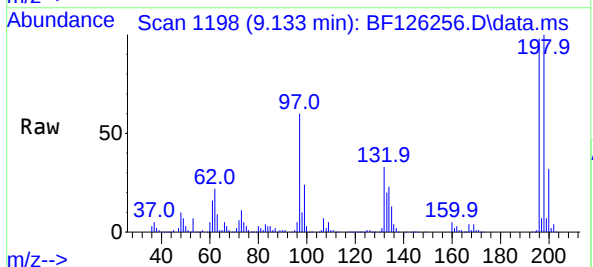
Tgt Ion:196 Resp: 34685
Ion Ratio Lower Upper
196 100
198 102.0 74.9 112.3
200 31.8 27.0 40.4

Manual Integrations
APPROVED

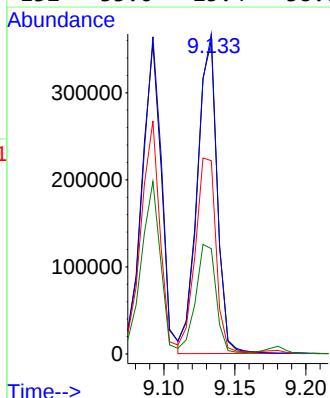
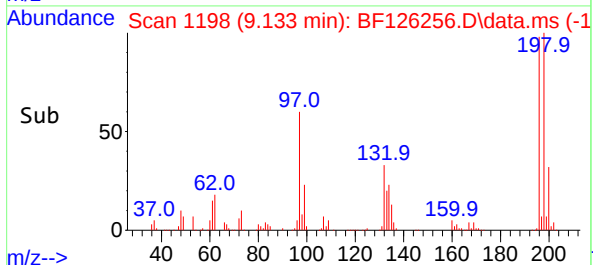
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

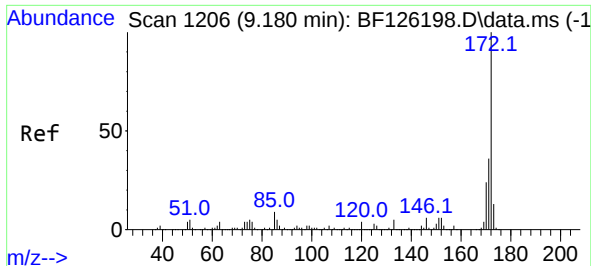


#44
2,4,5-Trichlorophenol
Concen: 44.950 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



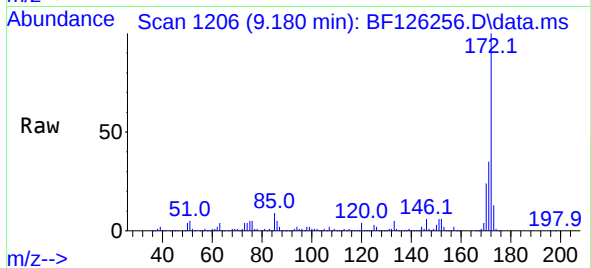
Tgt Ion:196 Resp: 353541
Ion Ratio Lower Upper
196 100
198 102.2 80.2 120.2
97 61.7 44.0 66.0
132 33.6 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 65.350 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

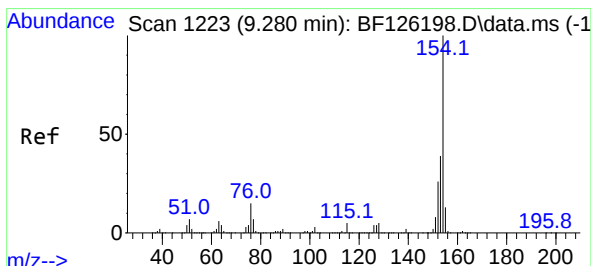
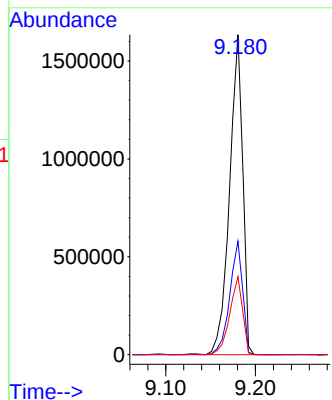
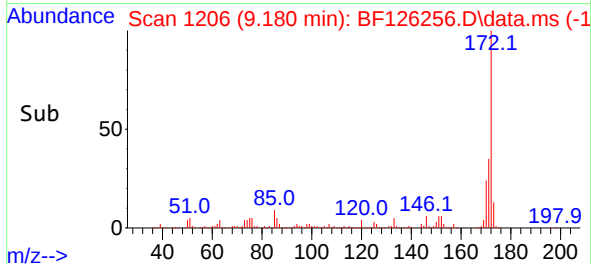
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



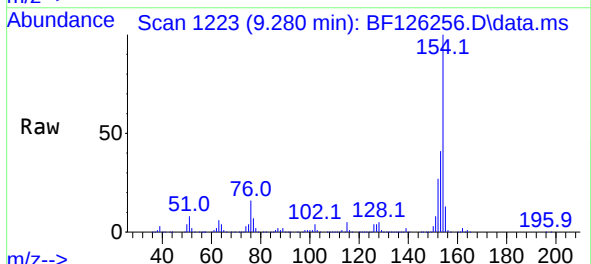
Tgt Ion:172 Resp: 166683
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.4 18.8 28.2

Manual Integrations
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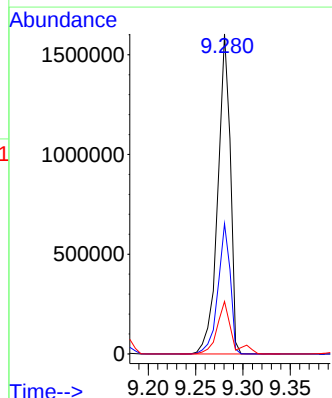
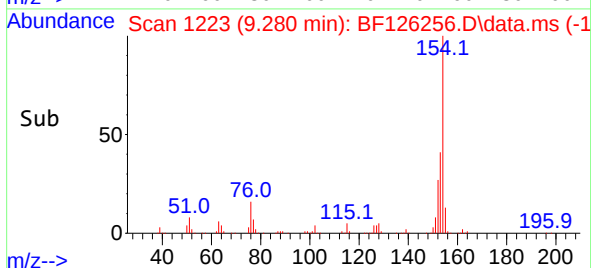
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

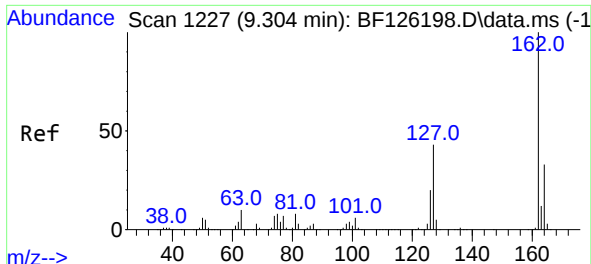


#46
1,1'-Biphenyl
Concen: 44.671 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



Tgt Ion:154 Resp: 1477580
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 16.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.147 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA_F

ClientSampleId :

SASP2-121-1(55-62)MS

Tgt Ion:162 Resp: 1098680

Ion Ratio Lower Upper

162 100

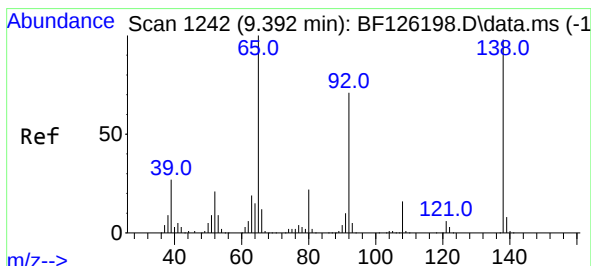
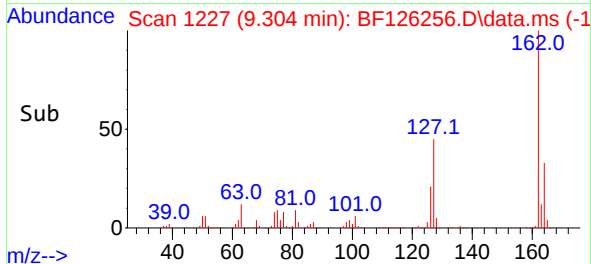
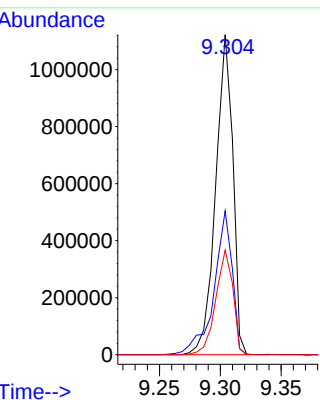
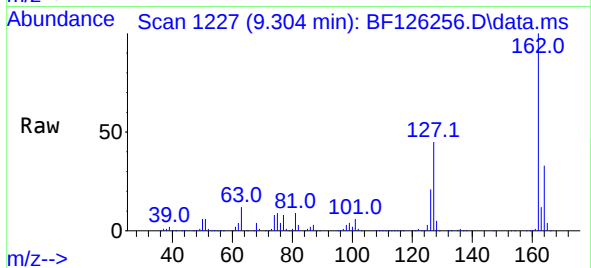
127 45.0 33.0 49.4

164 32.7 25.8 38.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#48

2-Nitroaniline

Concen: 48.716 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

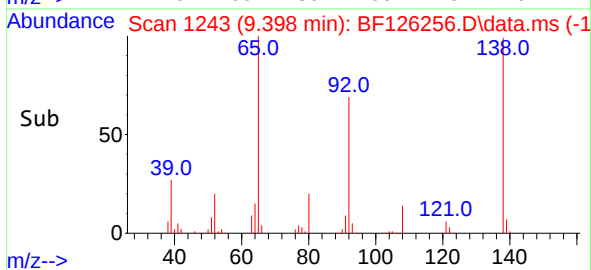
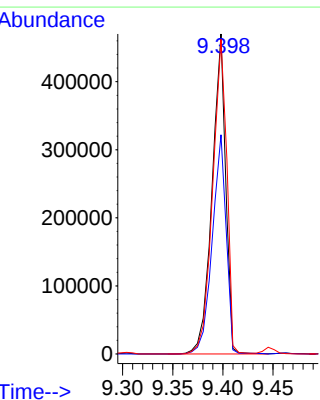
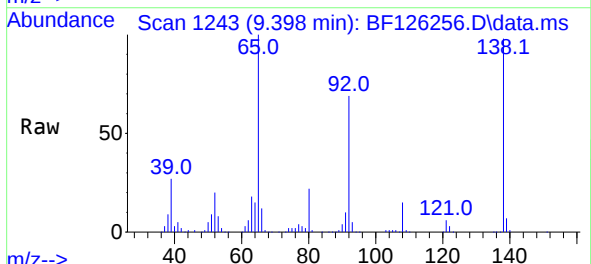
Tgt Ion: 65 Resp: 442522

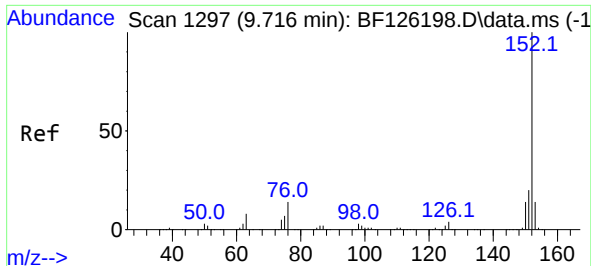
Ion Ratio Lower Upper

65 100

92 68.5 55.5 83.3

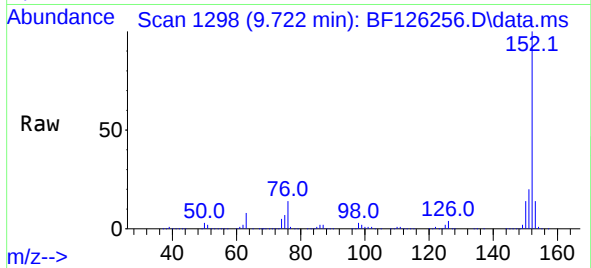
138 98.3 93.5 140.3





#49
Acenaphthylene
Concen: 45.186 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

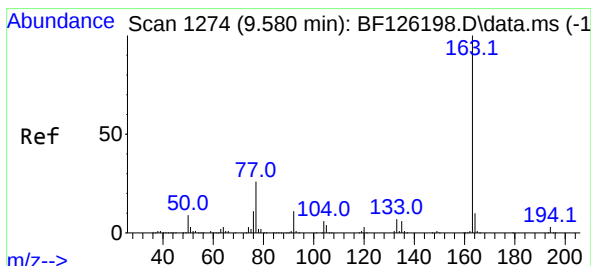
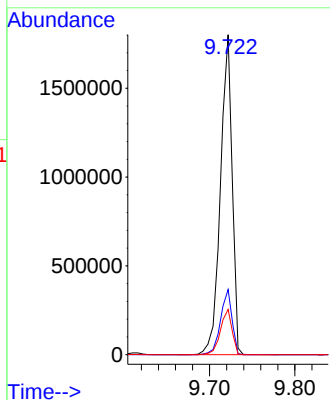
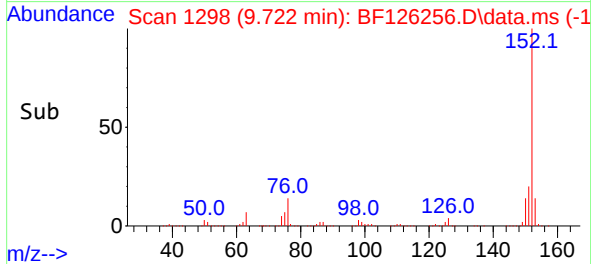
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



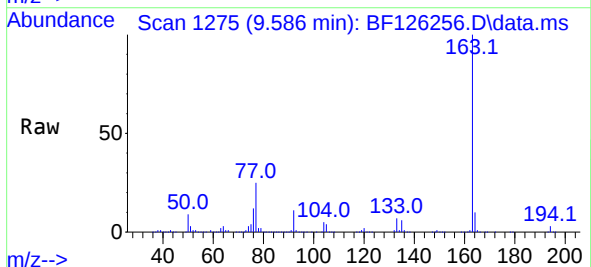
Tgt Ion:152 Resp: 171831
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.1 9.8 14.8

Manual Integrations
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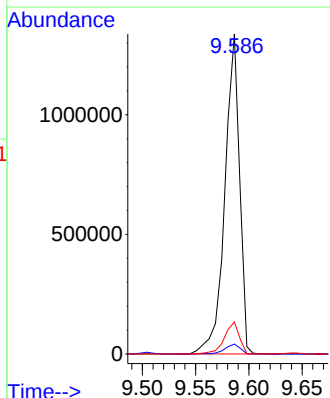
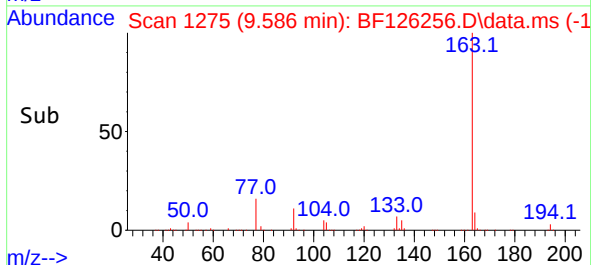
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

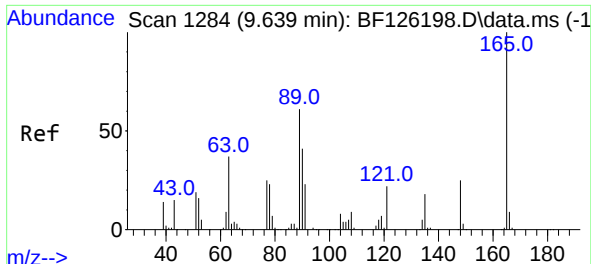


#50
Dimethylphthalate
Concen: 45.188 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



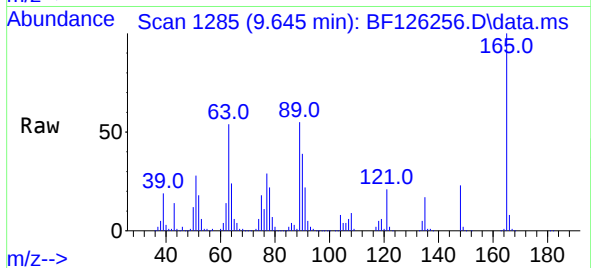
Tgt Ion:163 Resp: 1280514
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.0 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 48.731 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

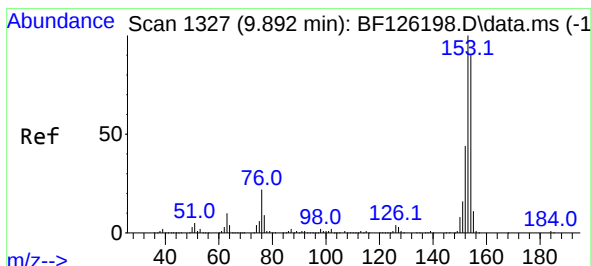
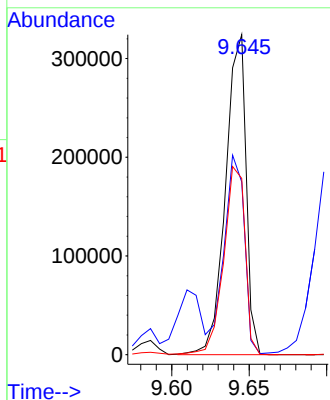
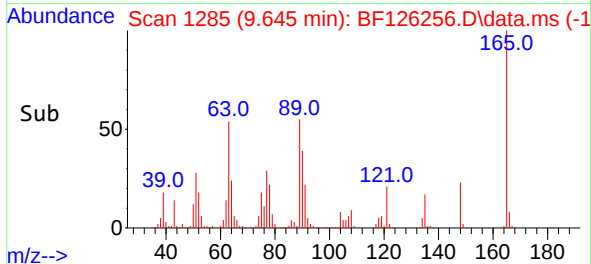
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



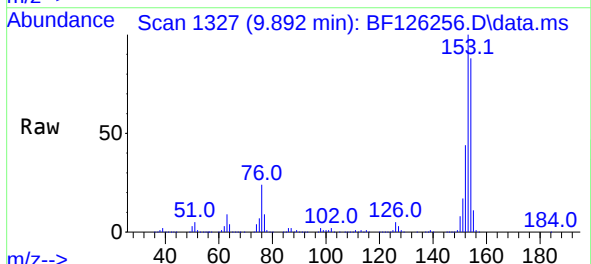
Tgt Ion:165 Resp: 29889
Ion Ratio Lower Upper
165 100
63 54.0 42.6 63.8
89 55.1 40.6 60.8

Manual Integrations
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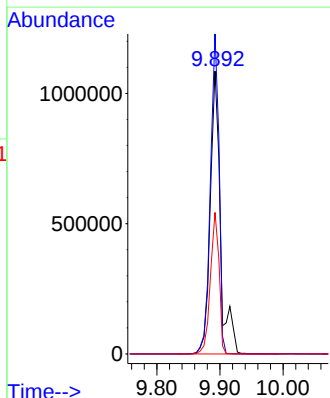
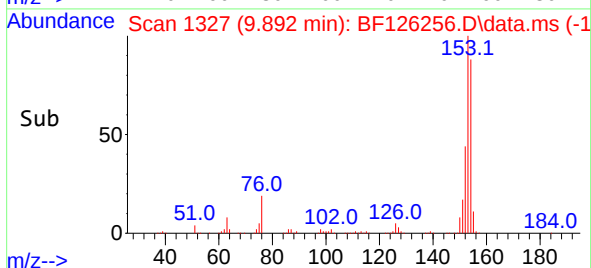
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

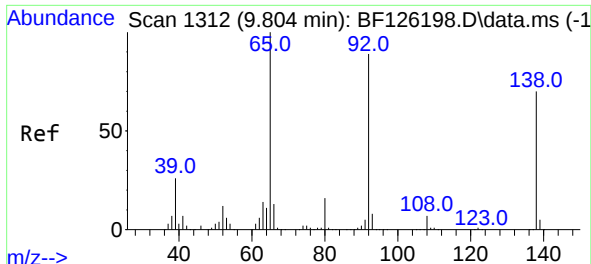


#52
Acenaphthene
Concen: 48.985 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



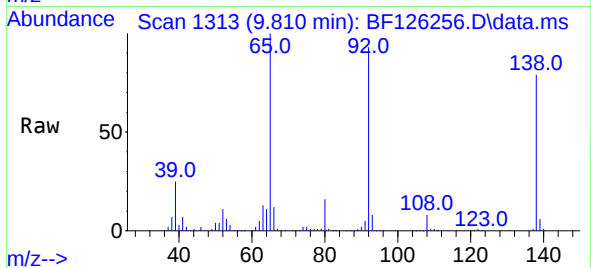
Tgt Ion:154 Resp: 1208039
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.2
152 50.0 40.5 60.7





#53
3-Nitroaniline
Concen: 34.582 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

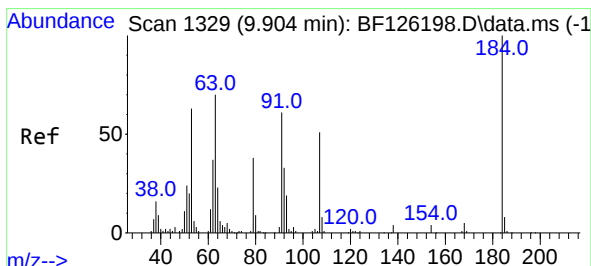
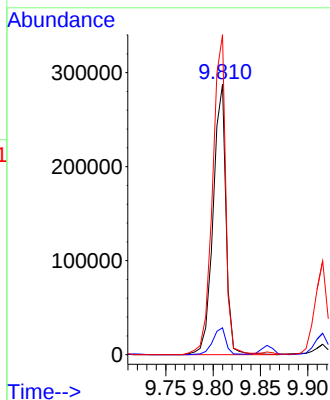
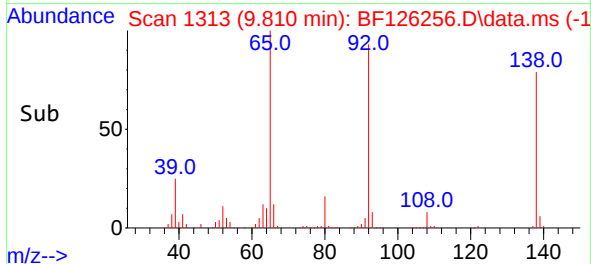
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:138 Resp: 269594
Ion Ratio Lower Upper
138 100
108 9.9 9.3 13.9
92 118.3 76.5 114.7

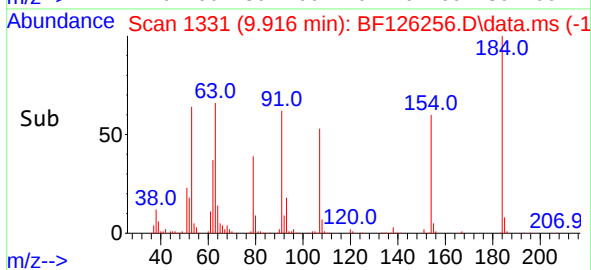
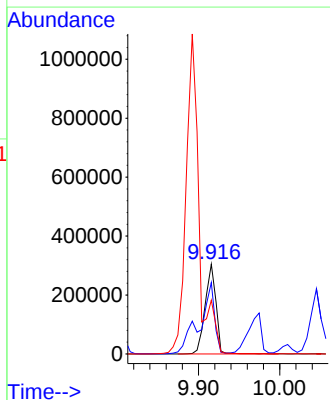
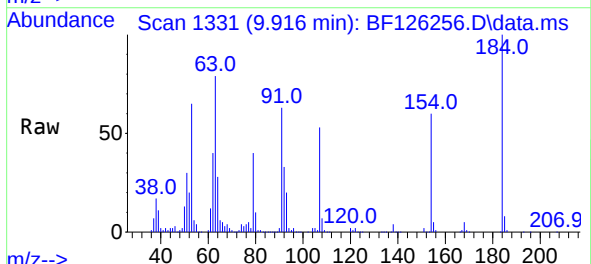
Manual Integrations
APPROVED

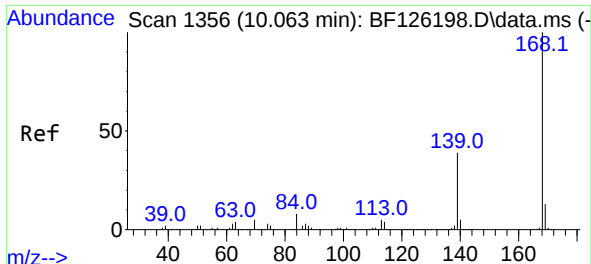
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#54
2,4-Dinitrophenol
Concen: 111.807 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

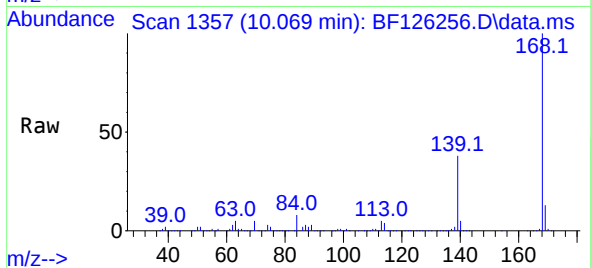
Tgt Ion:184 Resp: 282364
Ion Ratio Lower Upper
184 100
63 79.4 59.3 88.9
154 59.8 68.6 102.8





#55
Dibenzenofuran
Concen: 43.677 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

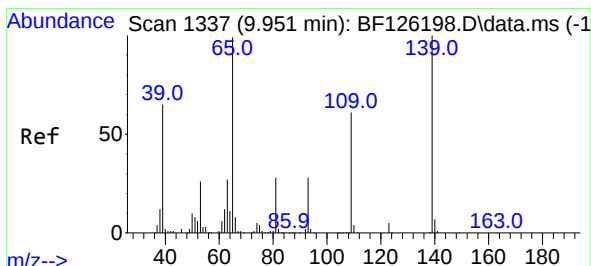
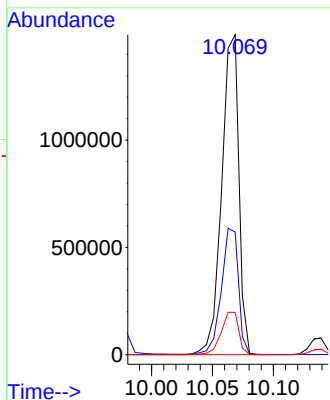
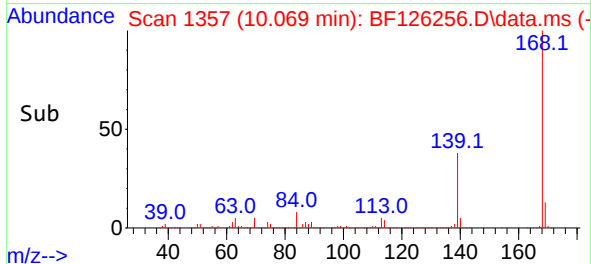
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:168 Resp: 1466507
Ion Ratio Lower Upper
168 100
139 38.3 32.7 49.1
169 13.2 11.2 16.8

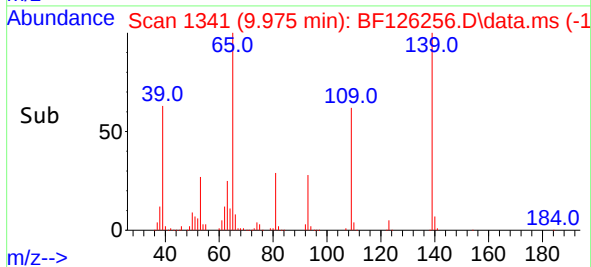
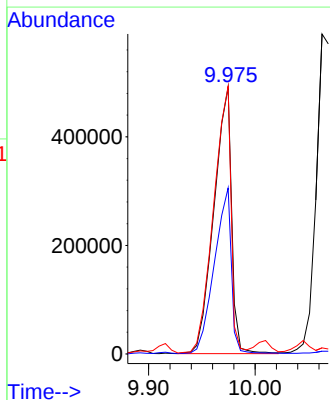
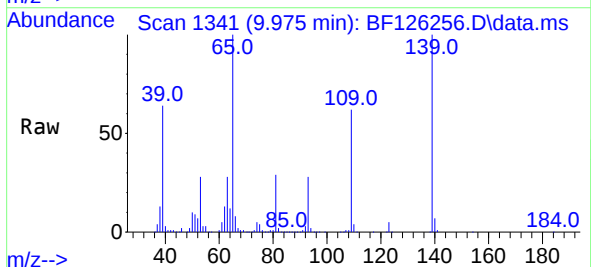
Manual Integrations
APPROVED

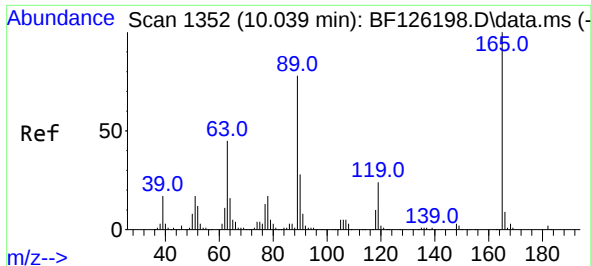
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#56
4-Nitrophenol
Concen: 100.075 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.024 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

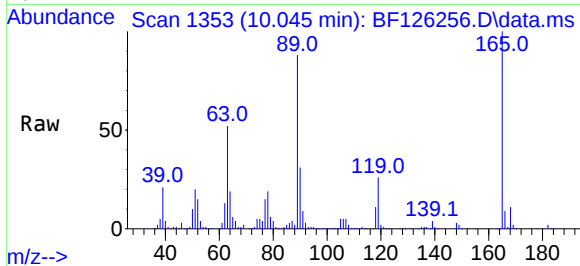
Tgt Ion:139 Resp: 563535
Ion Ratio Lower Upper
139 100
109 62.2 60.4 100.4
65 100.4 58.4 98.4#





#57
2,4-Dinitrotoluene
Concen: 50.073 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

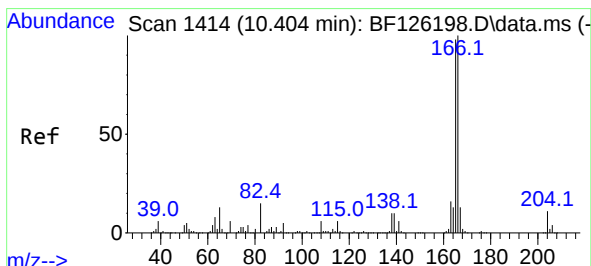
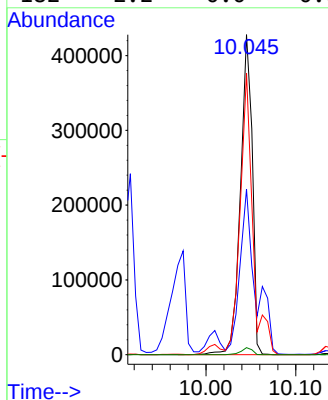
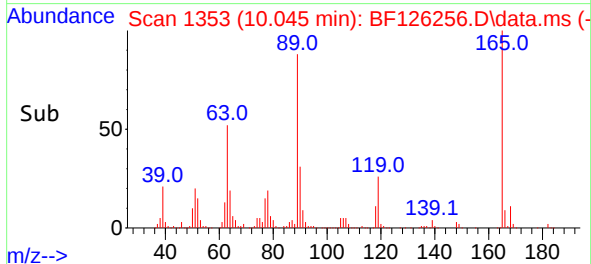
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:165 Resp: 391770
Ion Ratio Lower Upper
165 100
63 51.8 40.9 61.3
89 88.0 59.7 89.5
182 2.2 0.0 0.0#

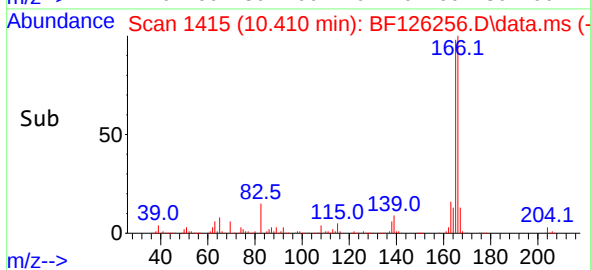
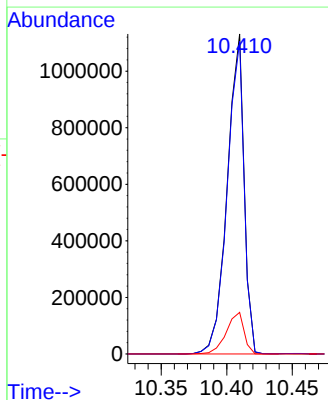
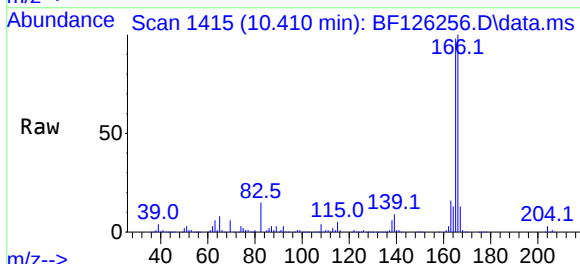
Manual Integrations
APPROVED

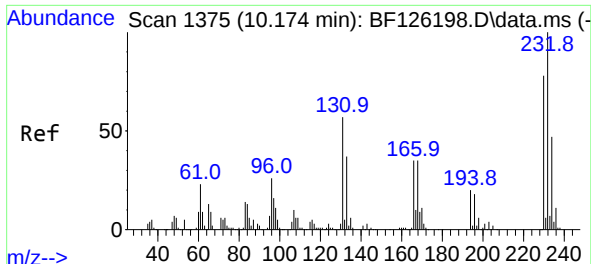
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#58
Fluorene
Concen: 41.602 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

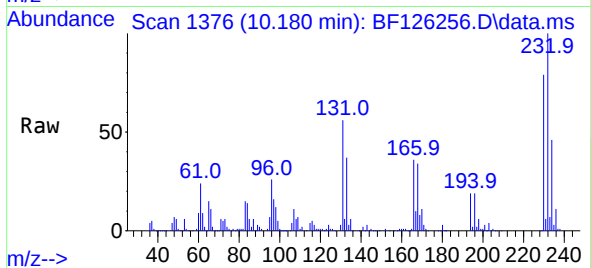
Tgt Ion:166 Resp: 1011221
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.0 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.574 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

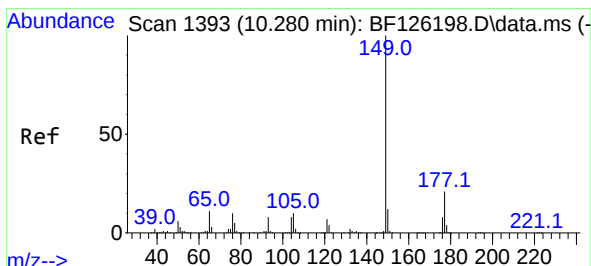
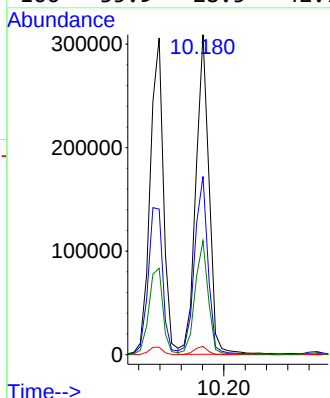
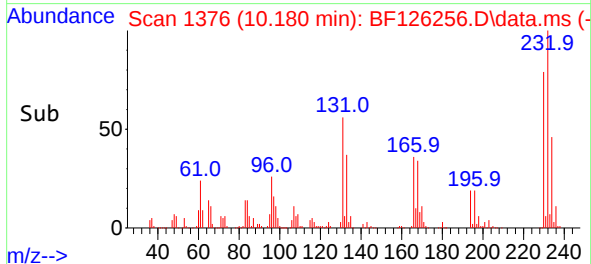
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



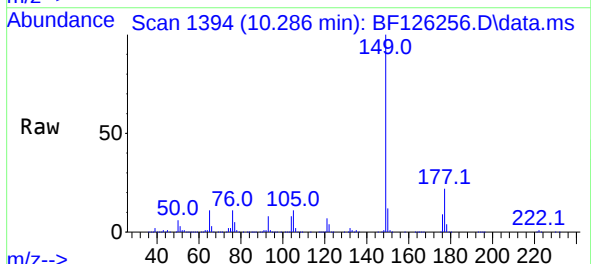
Tgt Ion:232 Resp: 265776
Ion Ratio Lower Upper
232 100
131 56.8 45.4 68.0
130 2.7 0.0 0.0
166 35.9 28.5 42.7

Manual Integrations
APPROVED

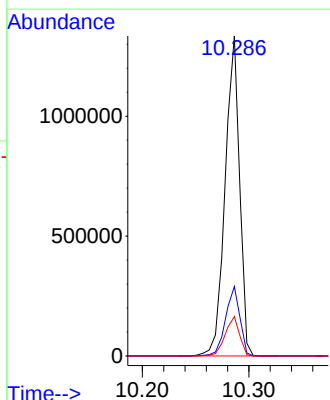
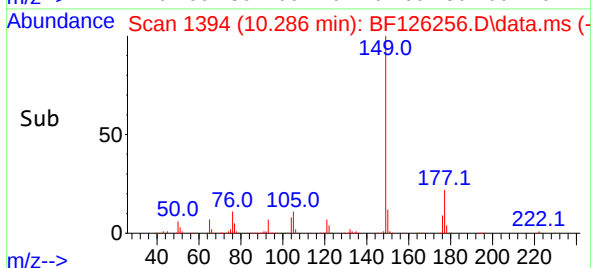
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

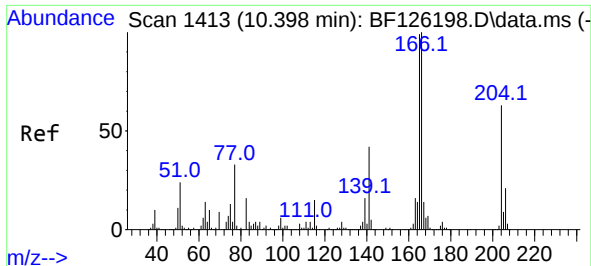


#60
Diethylphthalate
Concen: 43.922 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



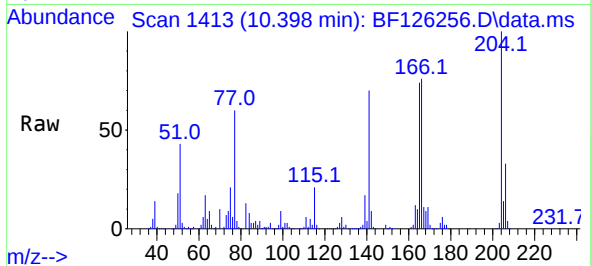
Tgt Ion:149 Resp: 1250776
Ion Ratio Lower Upper
149 100
177 21.7 16.5 24.7
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.926 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

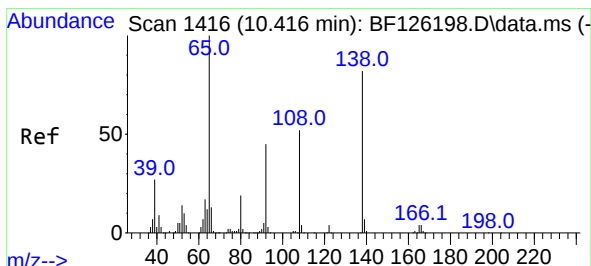
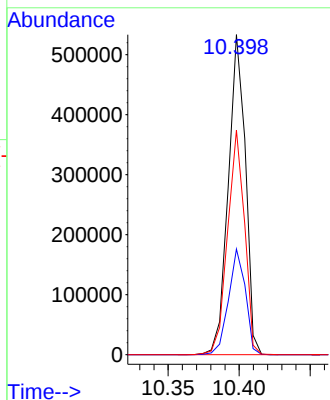
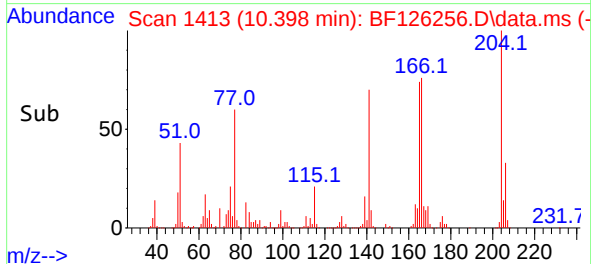
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



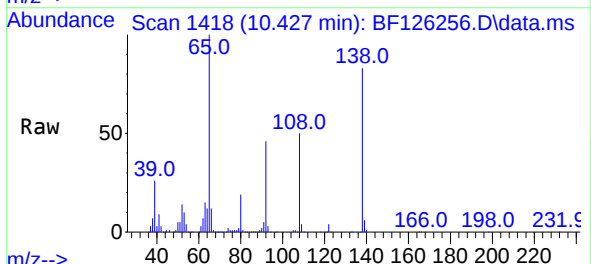
Tgt Ion:204 Resp: 44790
Ion Ratio Lower Upper
204 100
206 33.0 27.6 41.4
141 70.2 58.6 88.0

Manual Integrations
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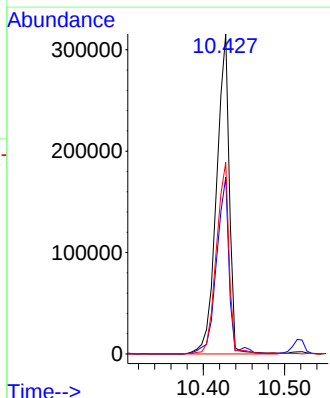
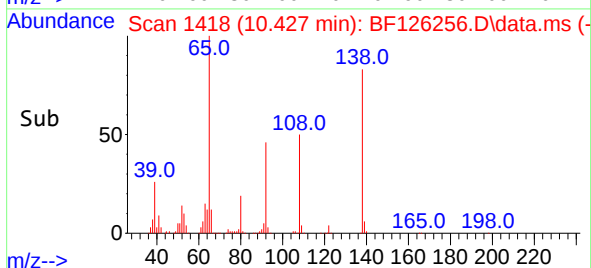
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

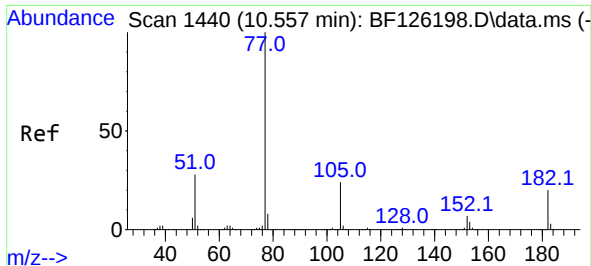


#62
4-Nitroaniline
Concen: 53.004 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



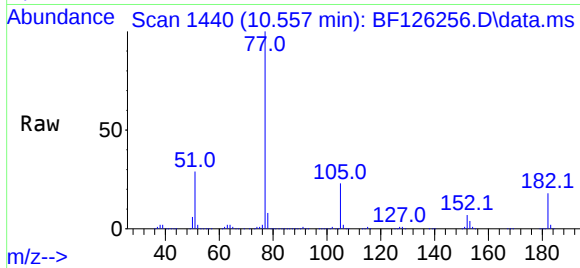
Tgt Ion:138 Resp: 346623
Ion Ratio Lower Upper
138 100
92 55.2 29.6 69.6
108 59.9 78.1 118.1#





#63
Azobenzene
Concen: 44.307 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

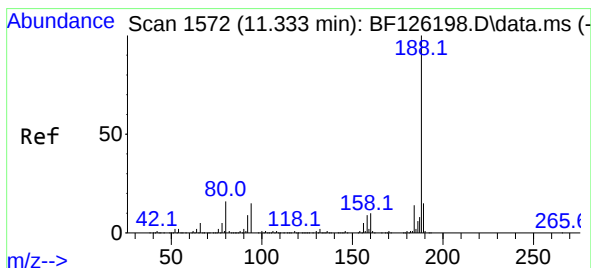
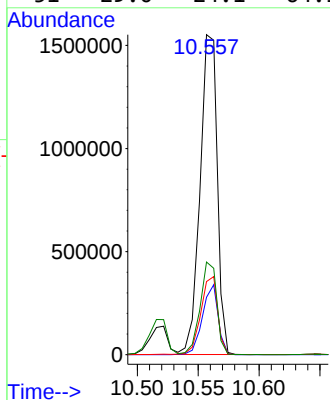
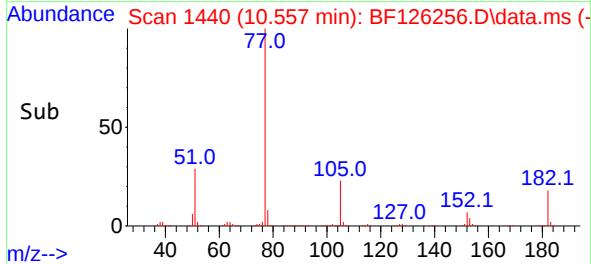
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



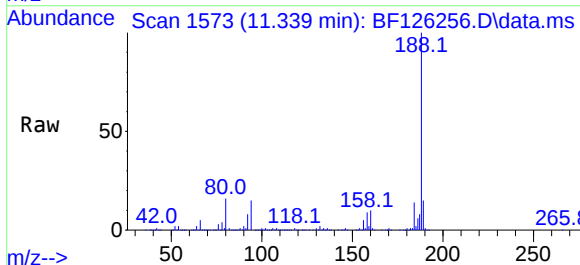
Tgt Ion: 77 Resp: 1528254
Ion Ratio Lower Upper
77 100
182 17.9 6.3 46.3
105 22.8 2.9 42.9
51 29.0 24.1 64.1

Manual Integrations
APPROVED

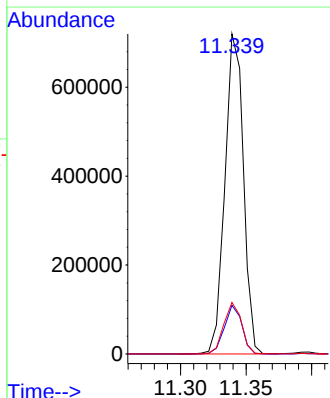
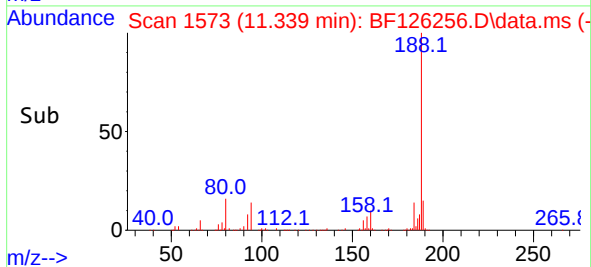
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

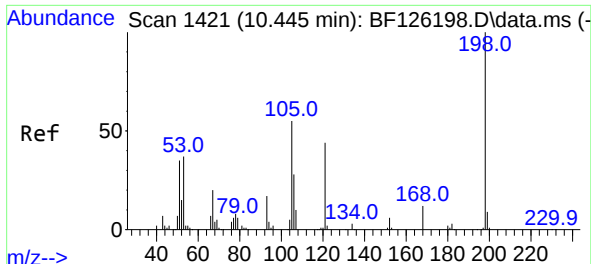


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



Tgt Ion:188 Resp: 705204
Ion Ratio Lower Upper
188 100
94 15.2 6.7 10.1#
80 16.1 7.5 11.3#





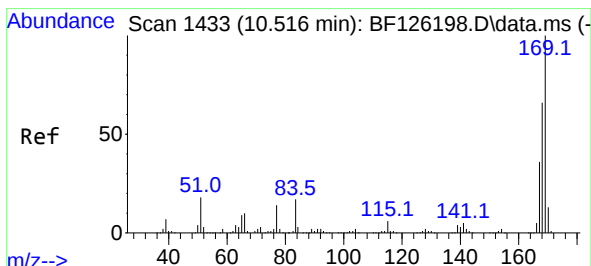
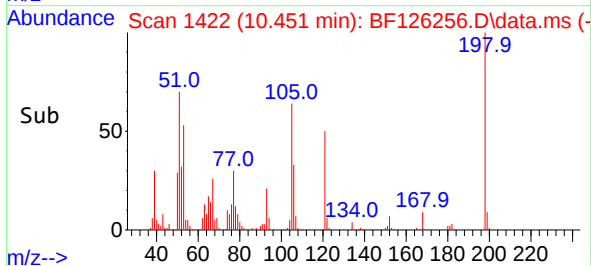
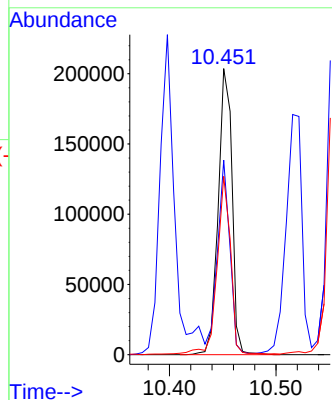
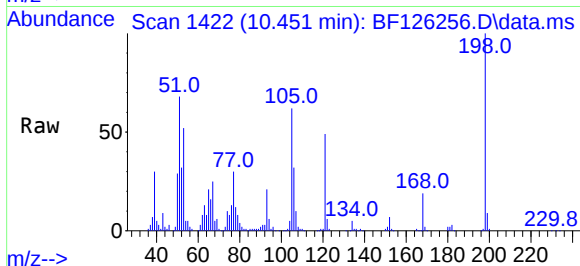
#65
4,6-Dinitro-2-methylphenol
Concen: 47.315 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS

Tgt Ion:198 Resp: 182200
Ion Ratio Lower Upper
198 100
51 68.0 45.3 85.3
105 62.3 30.6 70.6

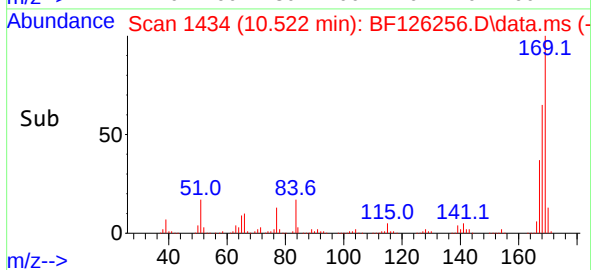
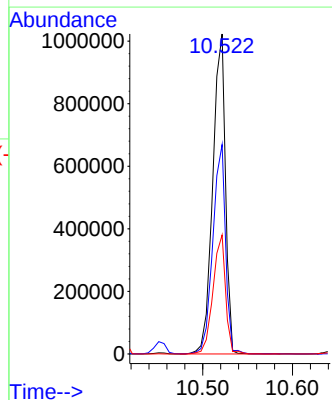
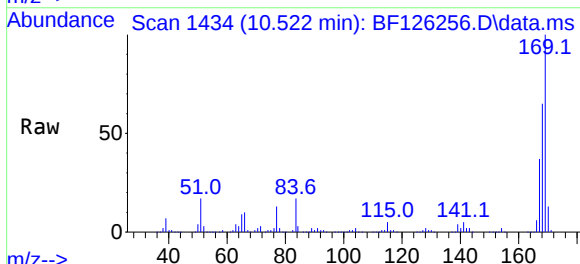
Manual Integrations
APPROVED

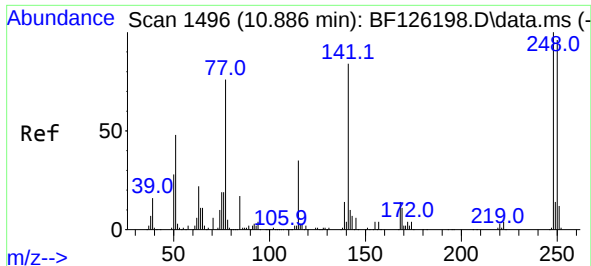
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#66
n-Nitrosodiphenylamine
Concen: 44.407 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

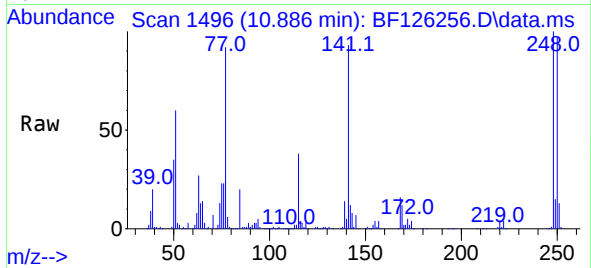
Tgt Ion:169 Resp: 1005043
Ion Ratio Lower Upper
169 100
168 65.5 50.8 76.2
167 37.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 44.759 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

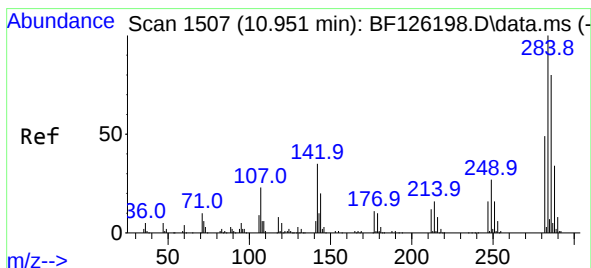
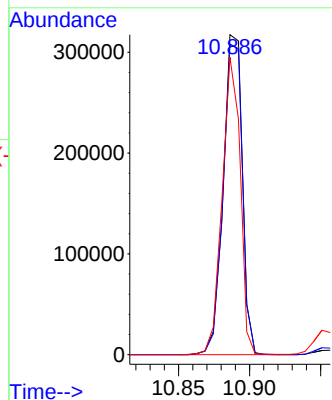
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



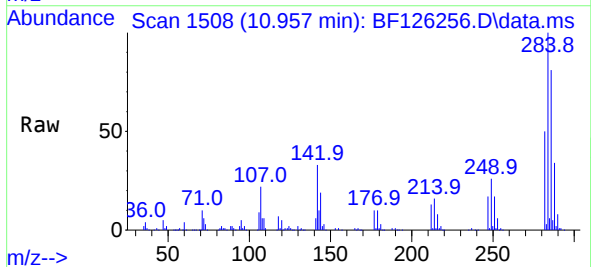
Tgt Ion:248 Resp: 296230
Ion Ratio Lower Upper
248 100
250 97.1 74.2 111.4
141 92.9 60.4 90.6

Manual Integrations
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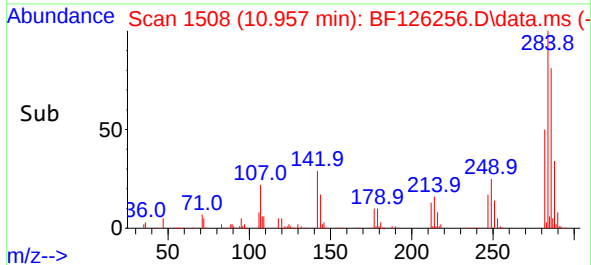
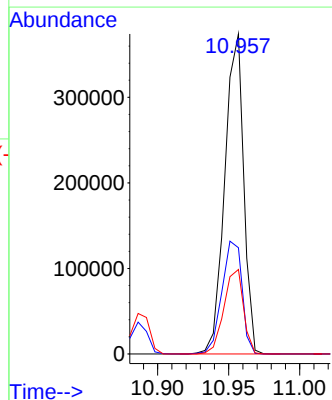
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

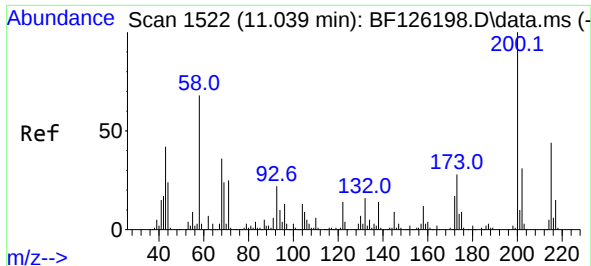


#68
Hexachlorobenzene
Concen: 45.433 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



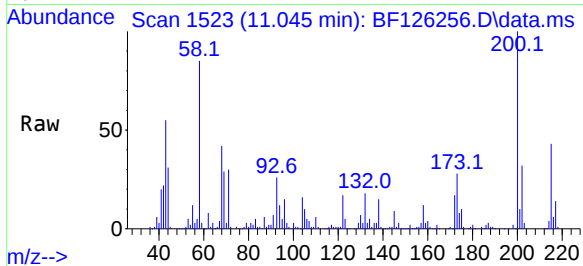
Tgt Ion:284 Resp: 345835
Ion Ratio Lower Upper
284 100
142 33.2 36.4 54.6#
249 26.4 25.6 38.4





#69
Atrazine
Concen: 72.599 ng
RT: 11.045 min Scan# 11045
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

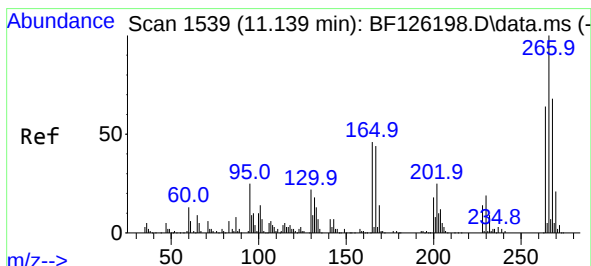
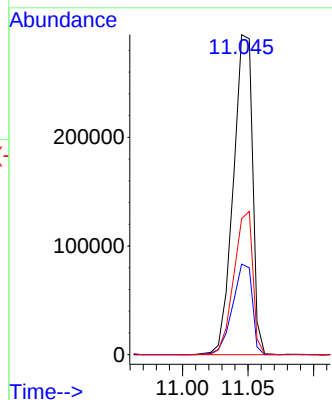
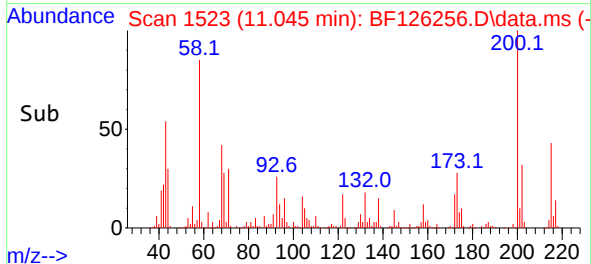
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



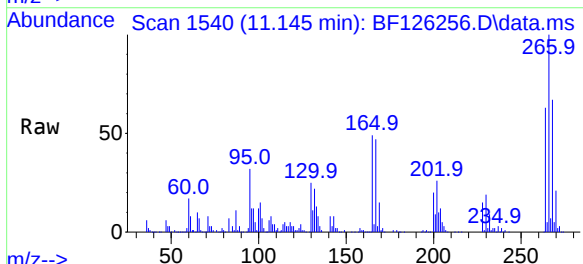
Tgt Ion:200 Resp: 30111
Ion Ratio Lower Upper
200 100
173 28.3 11.1 51.1
215 42.5 22.7 62.7

Manual Integrations
APPROVED

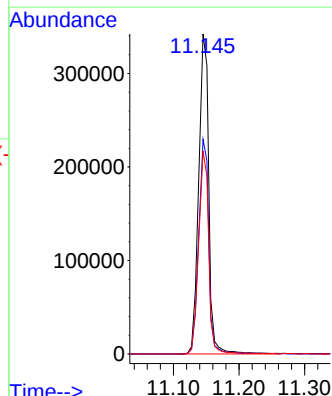
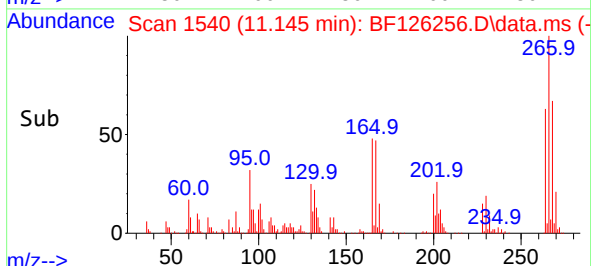
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

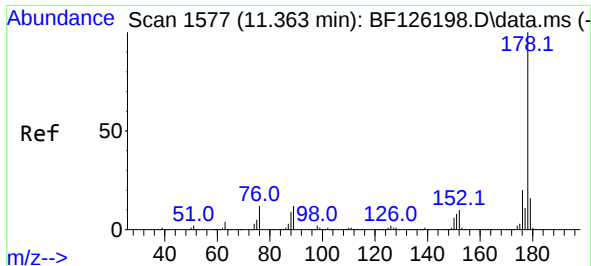


#70
Pentachlorophenol
Concen: 86.681 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



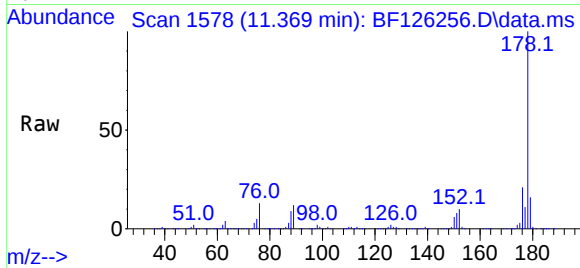
Tgt Ion:266 Resp: 366048
Ion Ratio Lower Upper
266 100
268 67.0 48.9 73.3
264 63.4 55.9 83.9





#71
Phenanthrene
Concen: 43.334 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

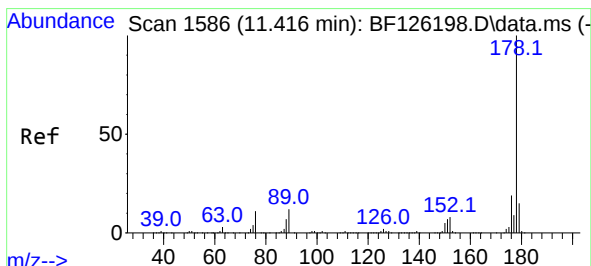
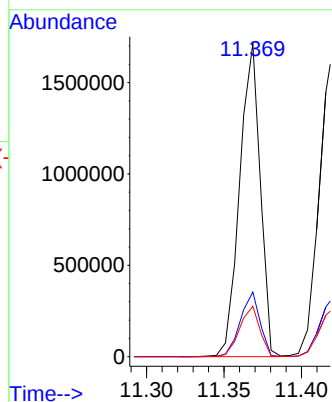
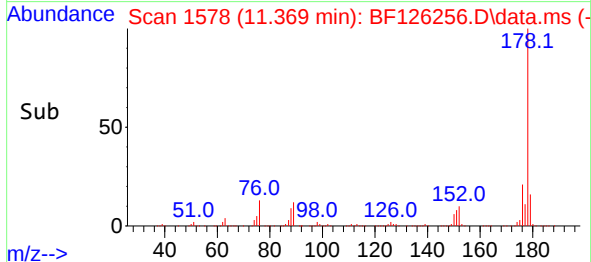
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



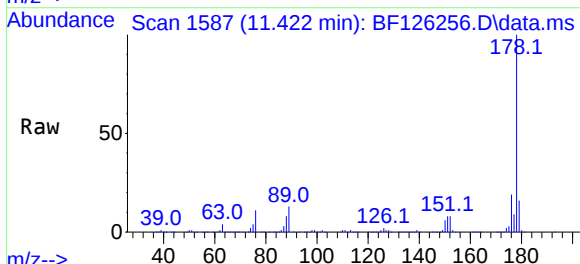
Tgt Ion:178 Resp: 157727
Ion Ratio Lower Upper
178 100
176 20.6 14.7 22.1
179 16.1 11.5 17.3

Manual Integrations
APPROVED

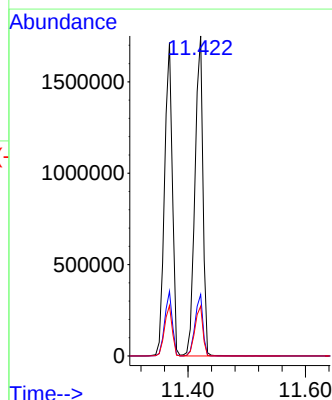
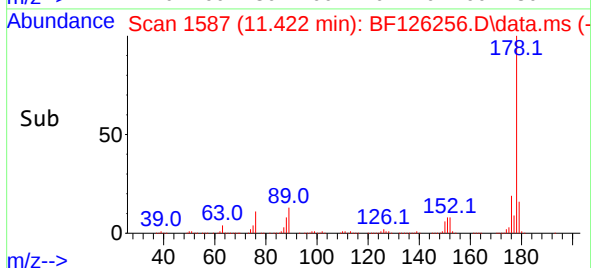
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

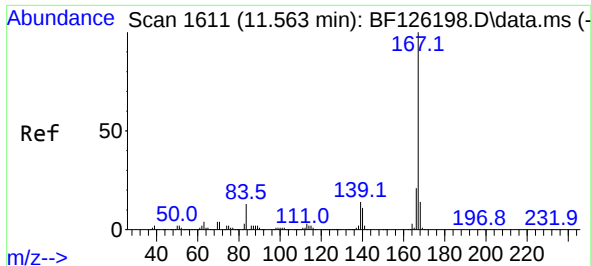


#72
Anthracene
Concen: 44.768 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



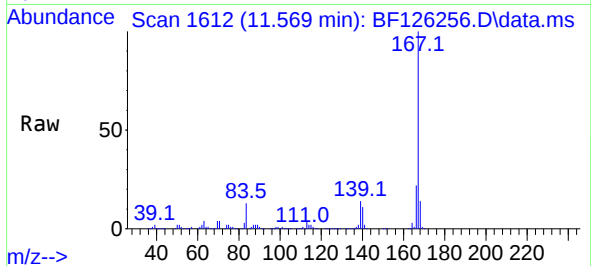
Tgt Ion:178 Resp: 1635521
Ion Ratio Lower Upper
178 100
176 19.2 14.3 21.5
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 44.158 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF126256.D
 Acq: 18 Dec 2021 16:11

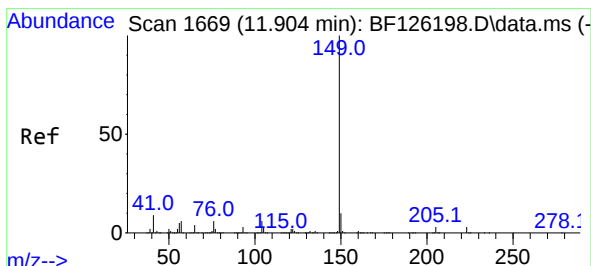
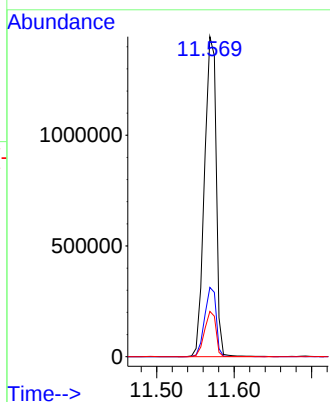
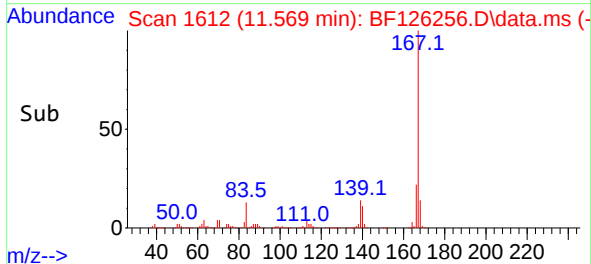
Instrument :
 BNA_F
 ClientSampleId :
 SASP2-121-1(55-62)MS



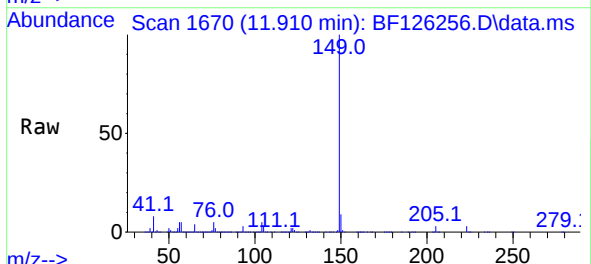
Tgt Ion:167 Resp: 151924
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.2 11.0 16.4

Manual Integrations
 APPROVED

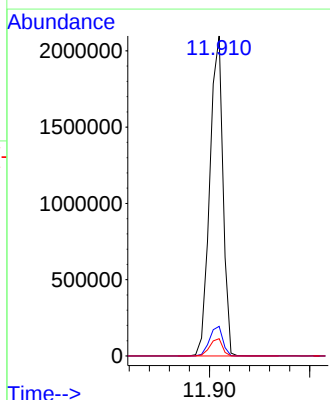
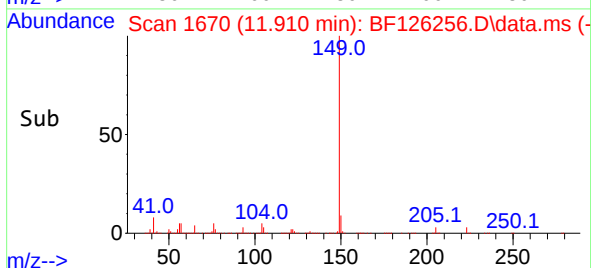
Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/29/2021

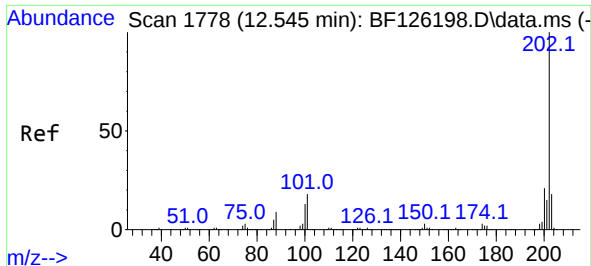


#74
 Di-n-butylphthalate
 Concen: 43.969 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.006 min
 Lab File: BF126256.D
 Acq: 18 Dec 2021 16:11



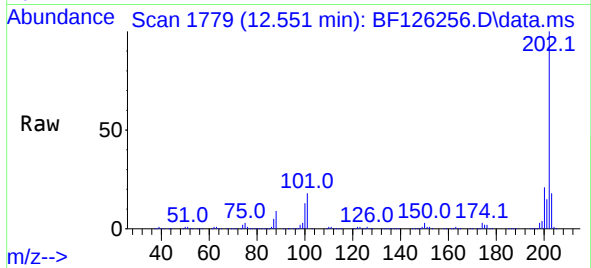
Tgt Ion:149 Resp: 1917710
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 45.360 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

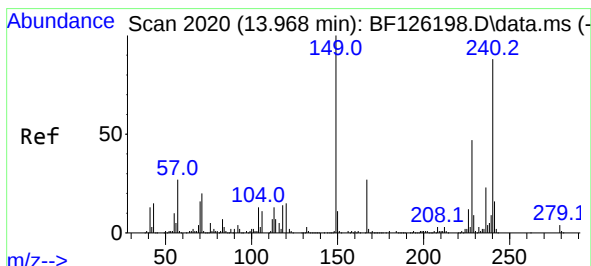
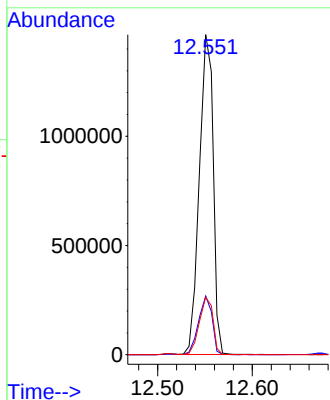
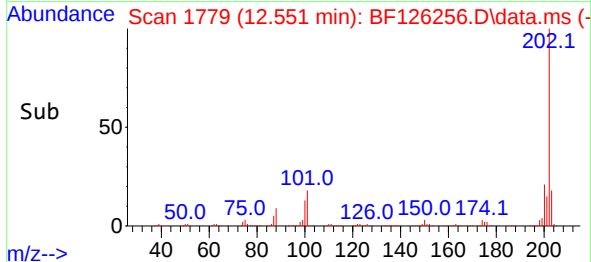
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



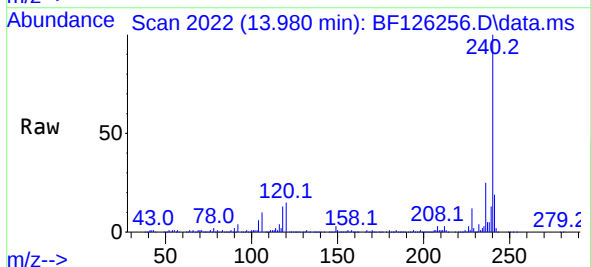
Tgt Ion:202 Resp: 148750
Ion Ratio Lower Upper
202 100
101 18.4 0.0 30.7
203 17.9 0.0 36.3

Manual Integrations
APPROVED

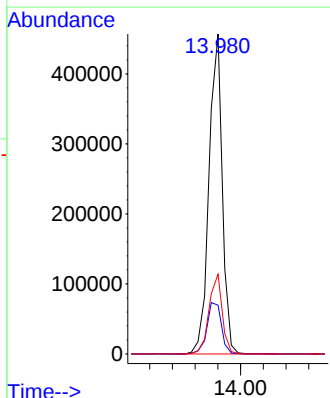
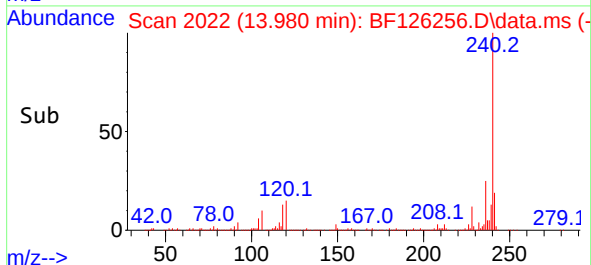
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

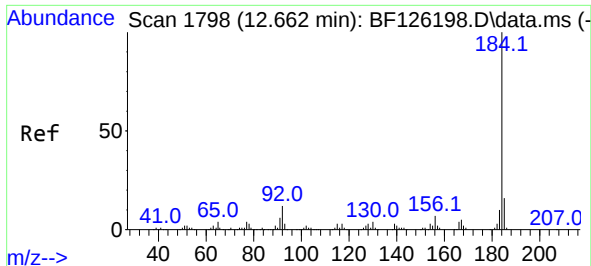


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



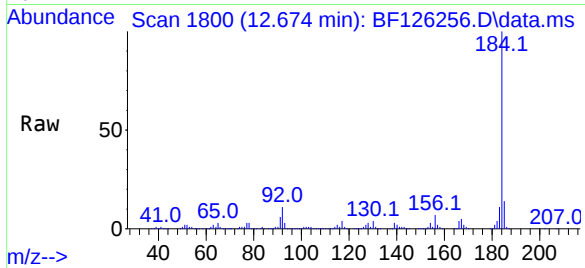
Tgt Ion:240 Resp: 370287
Ion Ratio Lower Upper
240 100
120 15.2 10.8 16.2
236 24.9 21.6 32.4





#77
Benzidine
Concen: 139.354 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

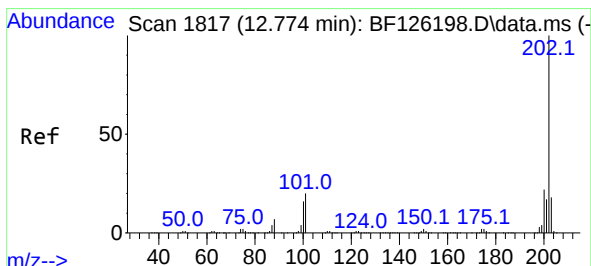
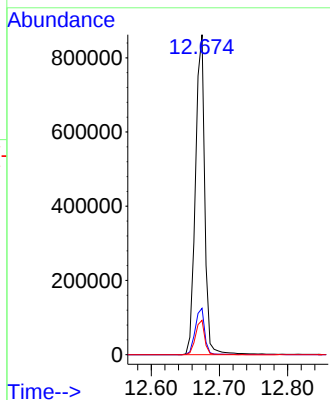
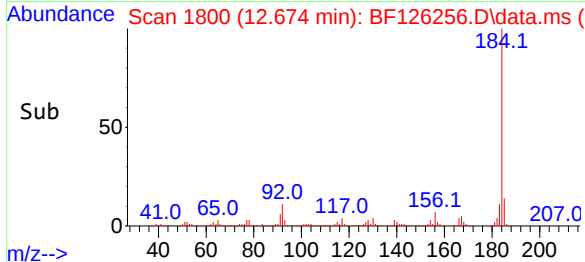
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:184 Resp: 81351
Ion Ratio Lower Upper
184 100
185 14.5 10.8 16.2
183 10.8 8.1 12.1

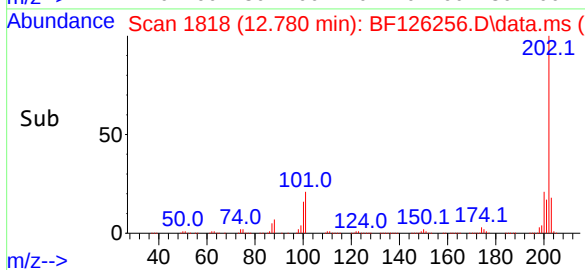
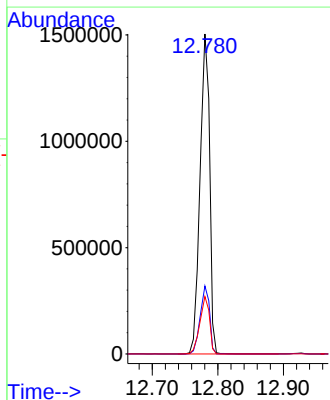
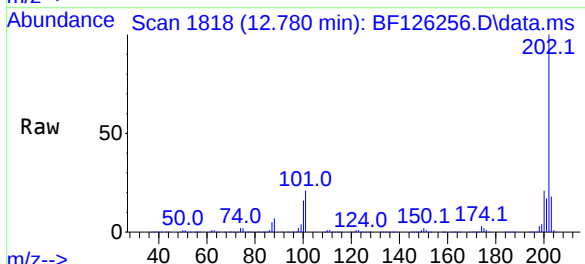
Manual Integrations
APPROVED

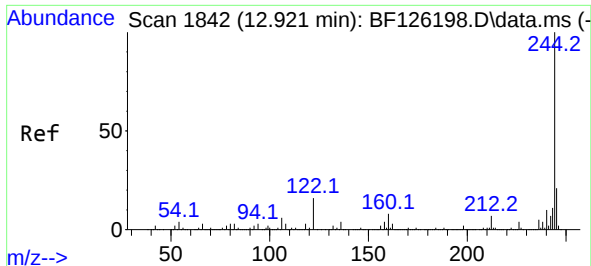
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#78
Pyrene
Concen: 45.101 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

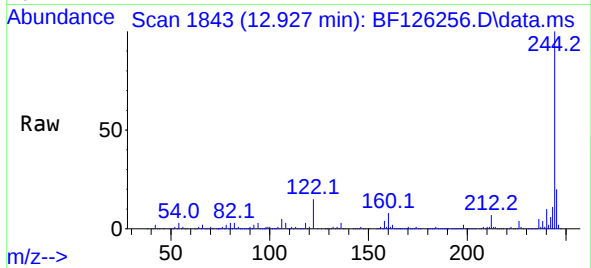
Tgt Ion:202 Resp: 1534313
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 18.0 13.4 20.0





#79
Terphenyl-d14
Concen: 66.919 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

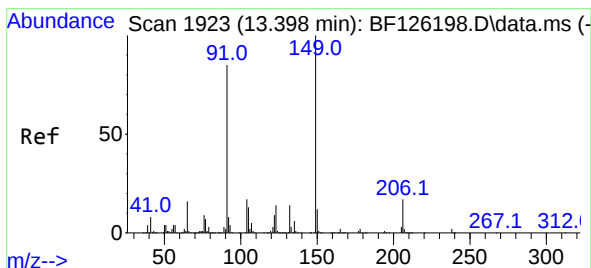
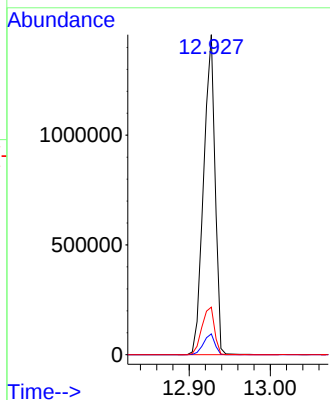
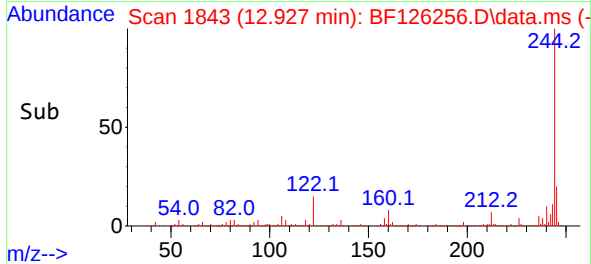
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



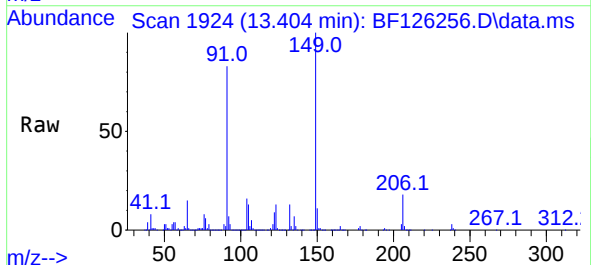
Tgt Ion:244 Resp: 142563
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 14.9 9.0 13.4

Manual Integrations
APPROVED

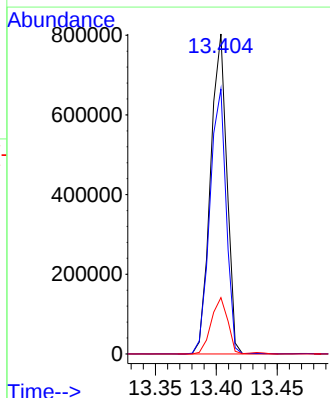
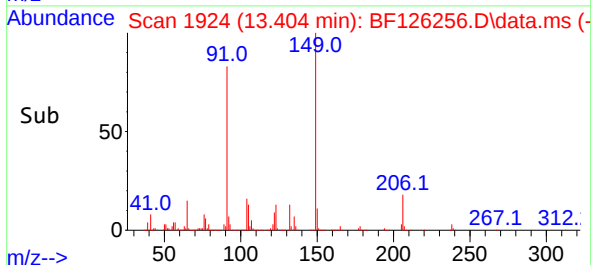
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

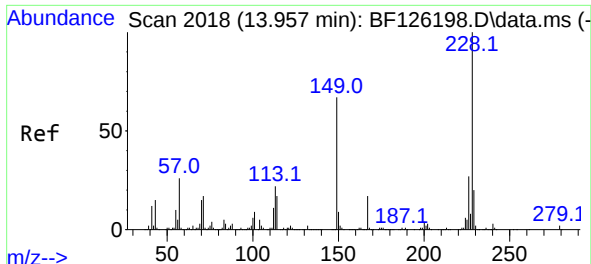


#80
Butylbenzylphthalate
Concen: 46.736 ng
RT: 13.404 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



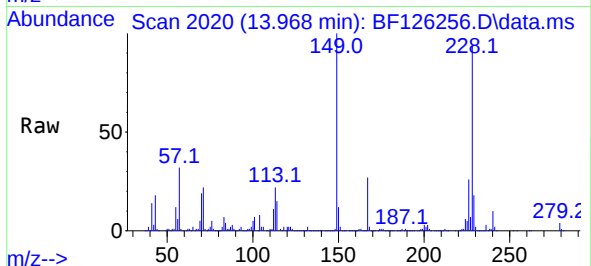
Tgt Ion:149 Resp: 748188
Ion Ratio Lower Upper
149 100
91 82.8 51.8 77.8#
206 17.6 14.5 21.7





#81
Benzo(a)anthracene
Concen: 42.747 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

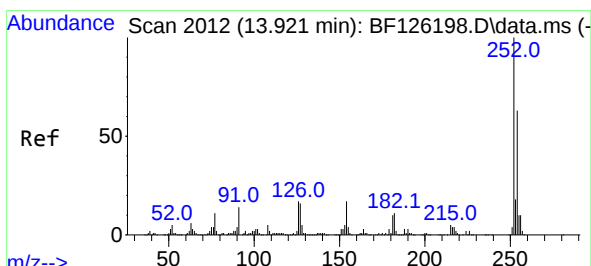
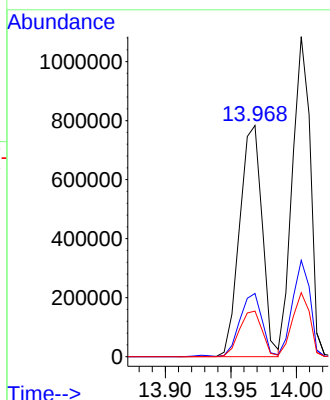
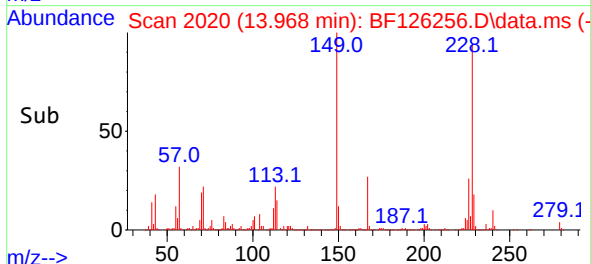
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



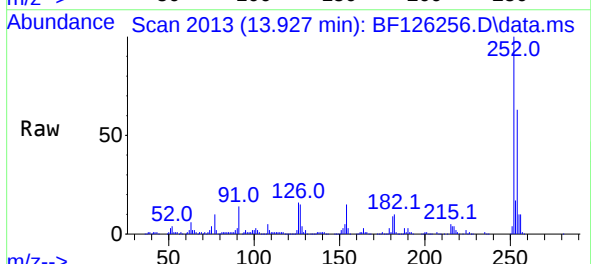
Tgt Ion:228 Resp: 937600
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.7 15.6 23.4

Manual Integrations
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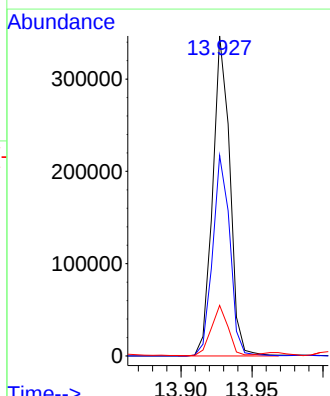
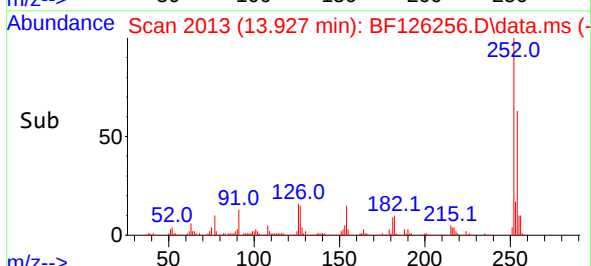
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

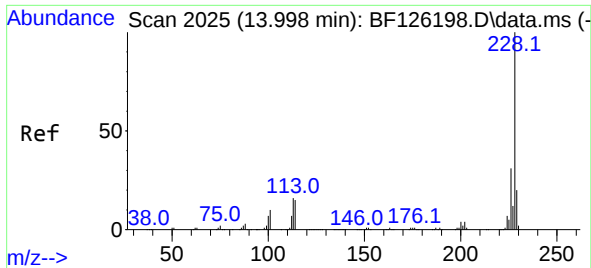


#82
3,3'-Dichlorobenzidine
Concen: 28.985 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



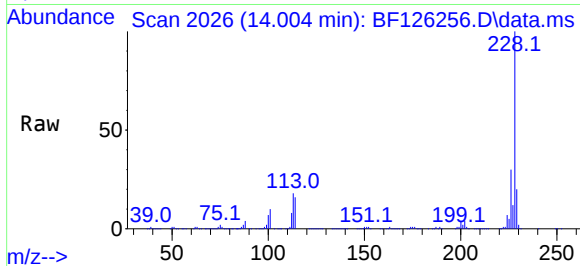
Tgt Ion:252 Resp: 290445
Ion Ratio Lower Upper
252 100
254 62.7 51.4 77.0
126 15.8 9.5 14.3#





#83
Chrysene
Concen: 45.416 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

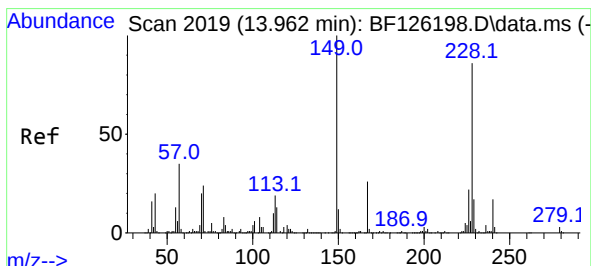
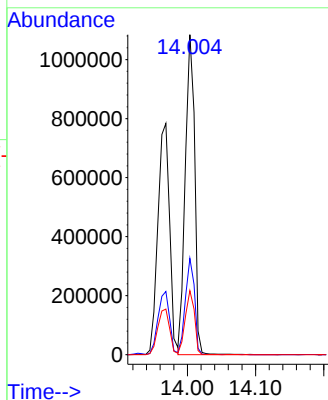
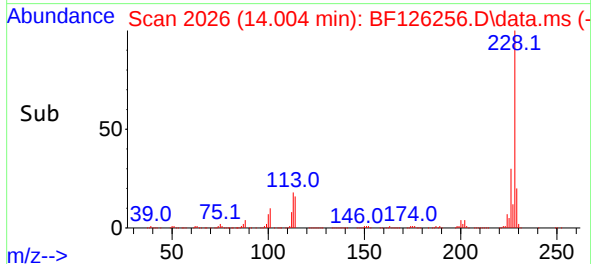
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



Tgt Ion:228 Resp: 103500
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 20.0 15.9 23.9

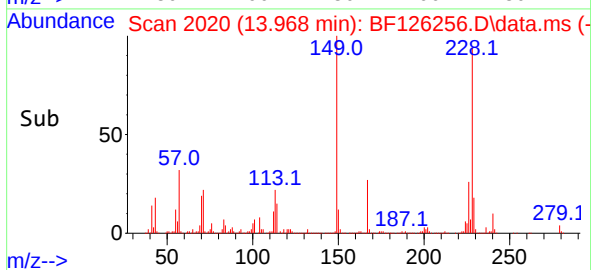
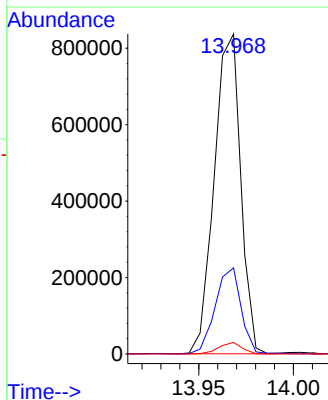
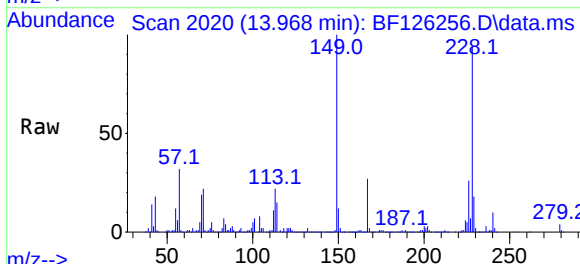
Manual Integrations
APPROVED

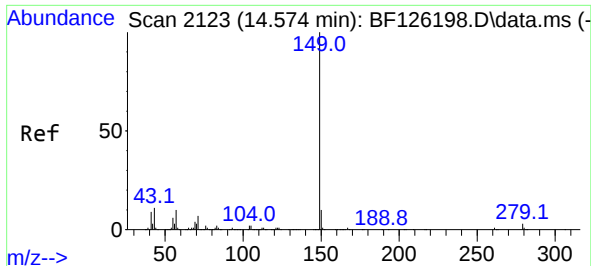
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.434 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

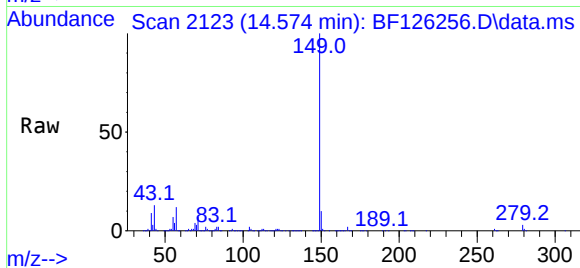
Tgt Ion:149 Resp: 812780
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 3.6 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 48.897 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

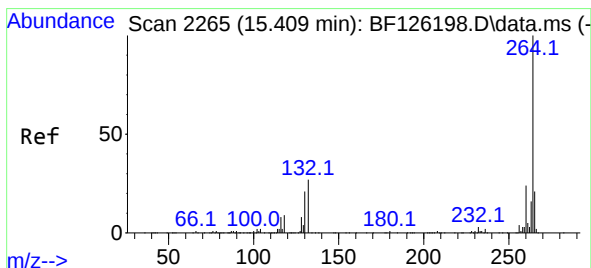
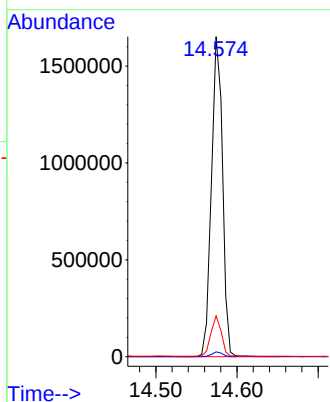
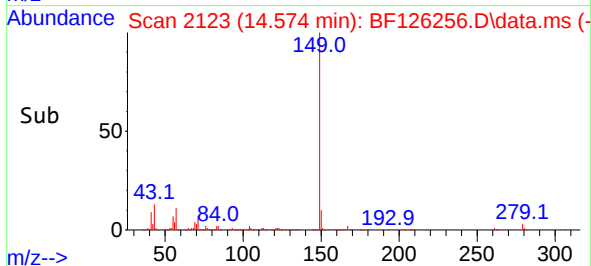
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



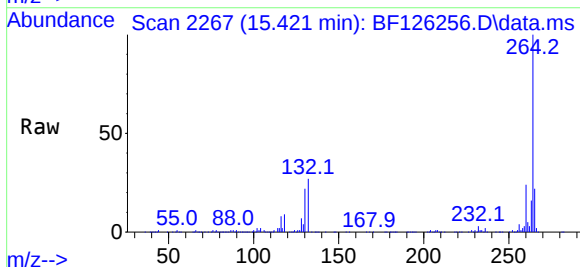
Tgt Ion:149 Resp: 155930
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 12.0 9.9 14.9

Manual Integrations
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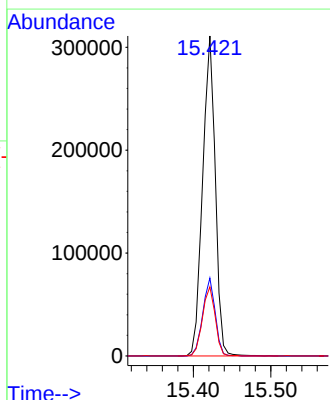
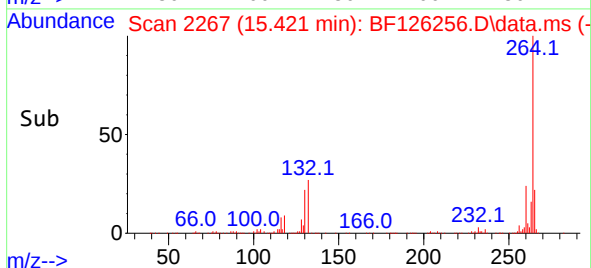
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

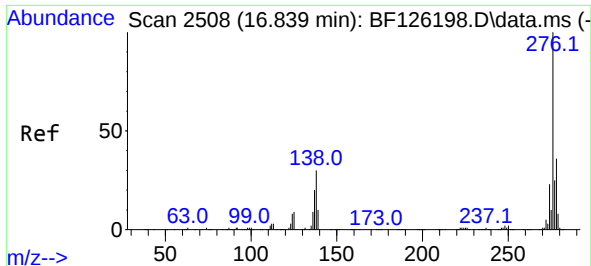


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



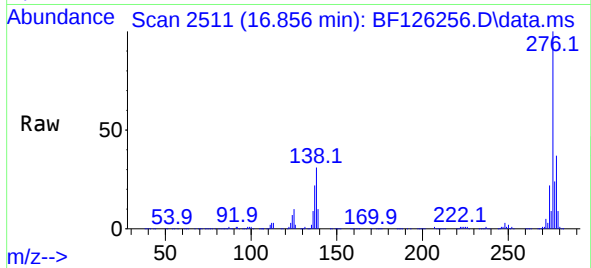
Tgt Ion:264 Resp: 352376
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.6 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.071 ng
RT: 16.856 min Scan# 2196
Delta R.T. 0.018 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

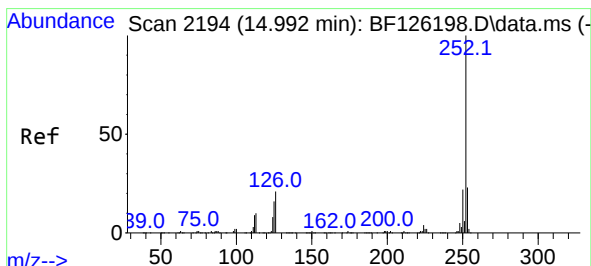
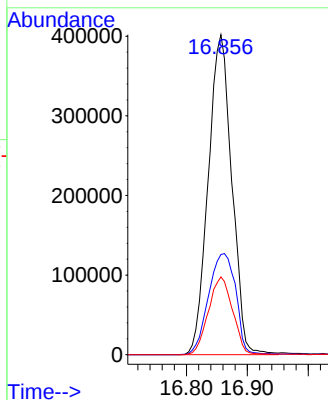
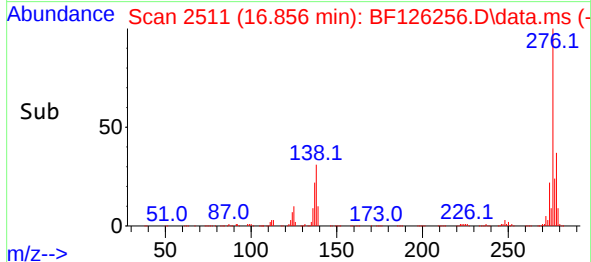
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



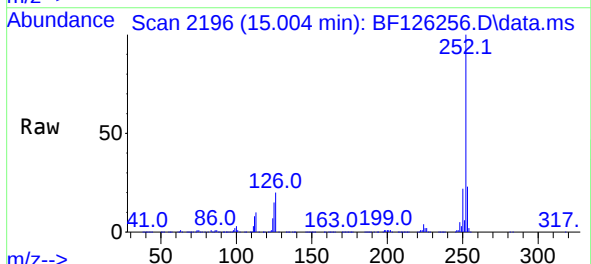
Tgt Ion:276 Resp: 1082850
Ion Ratio Lower Upper
276 100
138 36.6 24.1 36.1
277 25.0 18.8 28.2

Manual Integrations
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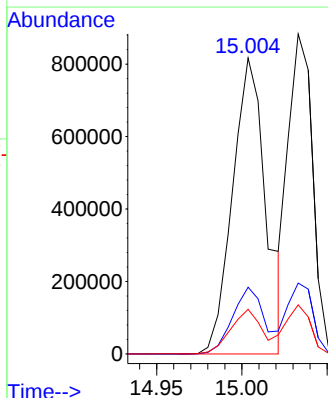
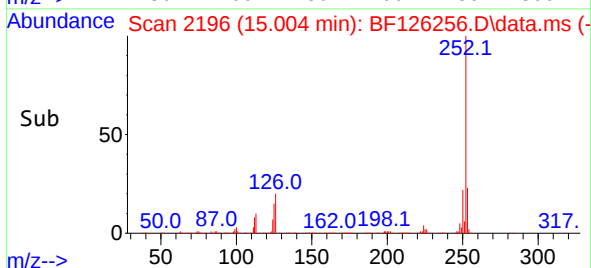
Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021

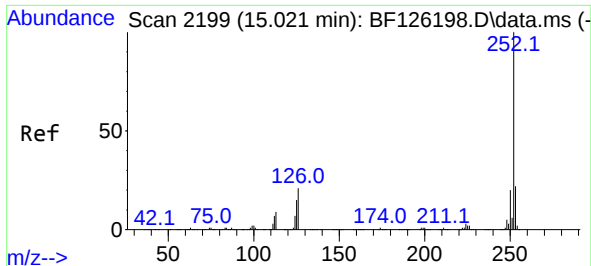


#88
Benzo(b)fluoranthene
Concen: 52.564 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



Tgt Ion:252 Resp: 1112916
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 15.1 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 43.775 ng

RT: 15.033 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

Instrument :

BNA_F

ClientSampleId :

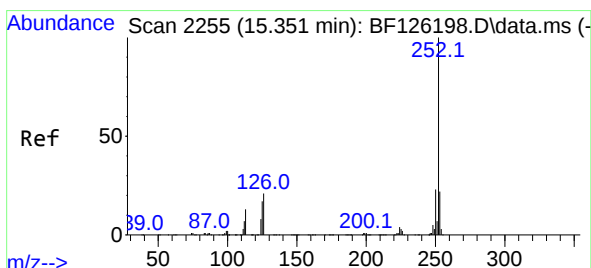
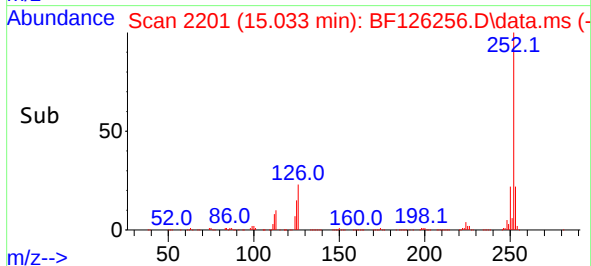
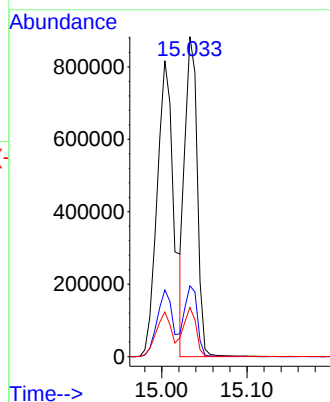
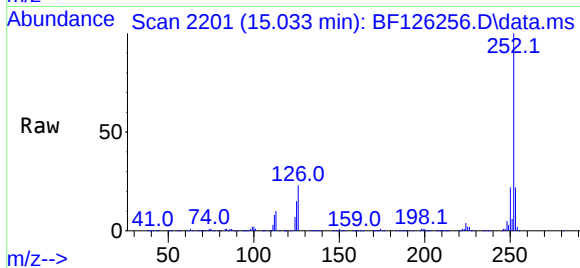
SASP2-121-1(55-62)MS

Tgt Ion:252 Resp: 886629
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 15.3 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/20/2021
 Supervised By :mohammad ahmed 12/29/2021



#90

Benzo(a)pyrene

Concen: 56.315 ng

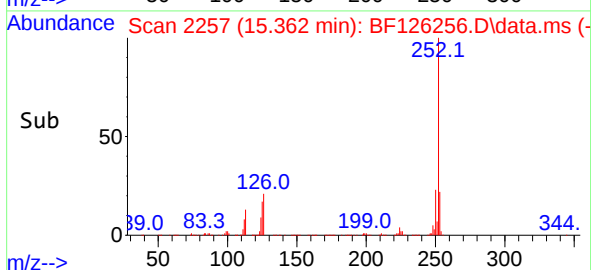
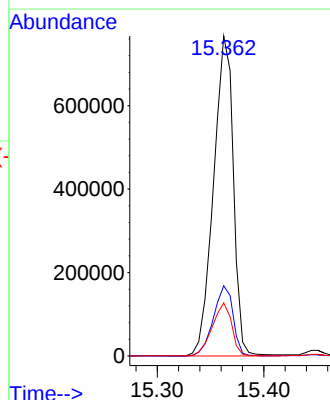
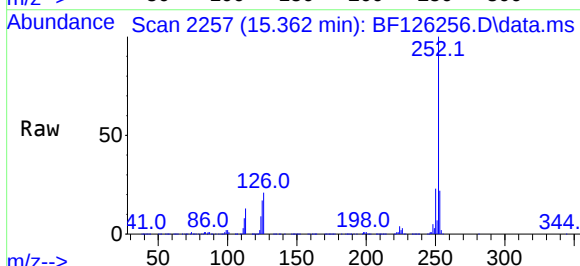
RT: 15.362 min Scan# 2257

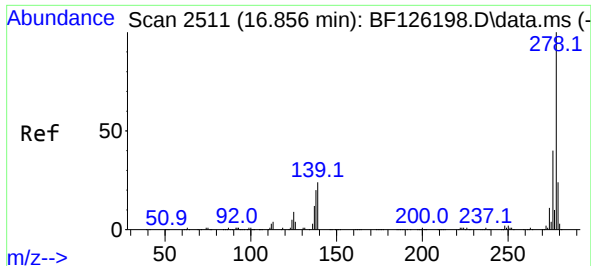
Delta R.T. 0.012 min

Lab File: BF126256.D

Acq: 18 Dec 2021 16:11

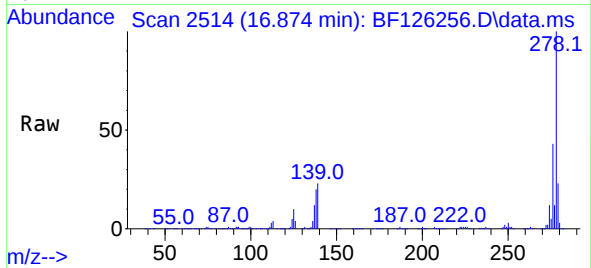
Tgt Ion:252 Resp: 990976
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.4 27.6
 125 16.6 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 47.237 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.018 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11

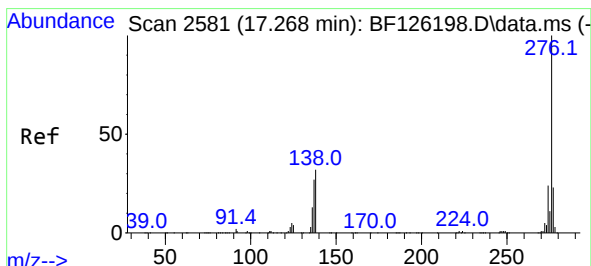
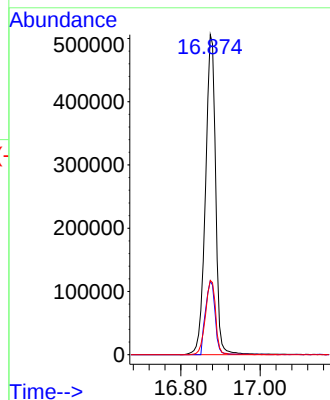
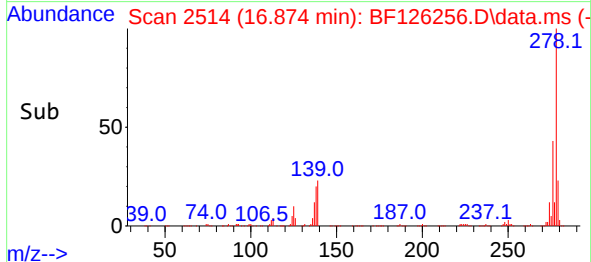
Instrument :
BNA_F
ClientSampleId :
SASP2-121-1(55-62)MS



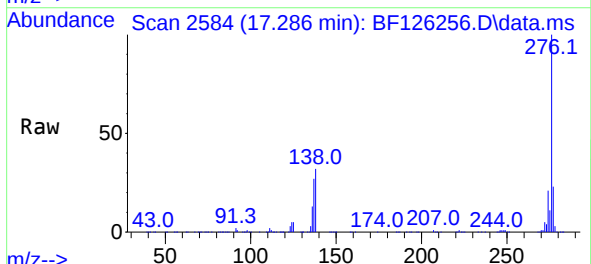
Tgt Ion:278 Resp: 902529
Ion Ratio Lower Upper
278 100
139 23.0 14.9 22.3
279 23.2 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/20/2021
Supervised By :mohammad ahmed 12/29/2021



#92
Benzo(g,h,i)perylene
Concen: 47.530 ng
RT: 17.286 min Scan# 2584
Delta R.T. 0.018 min
Lab File: BF126256.D
Acq: 18 Dec 2021 16:11



Tgt Ion:276 Resp: 939602
Ion Ratio Lower Upper
276 100
277 23.3 22.0 33.0
138 32.1 22.2 33.4

