

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126509.D
 Acq On : 5 Jan 2022 21:52
 Operator : JU/CG
 Sample : M5251-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2D

Quant Time: Jan 06 01:12:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

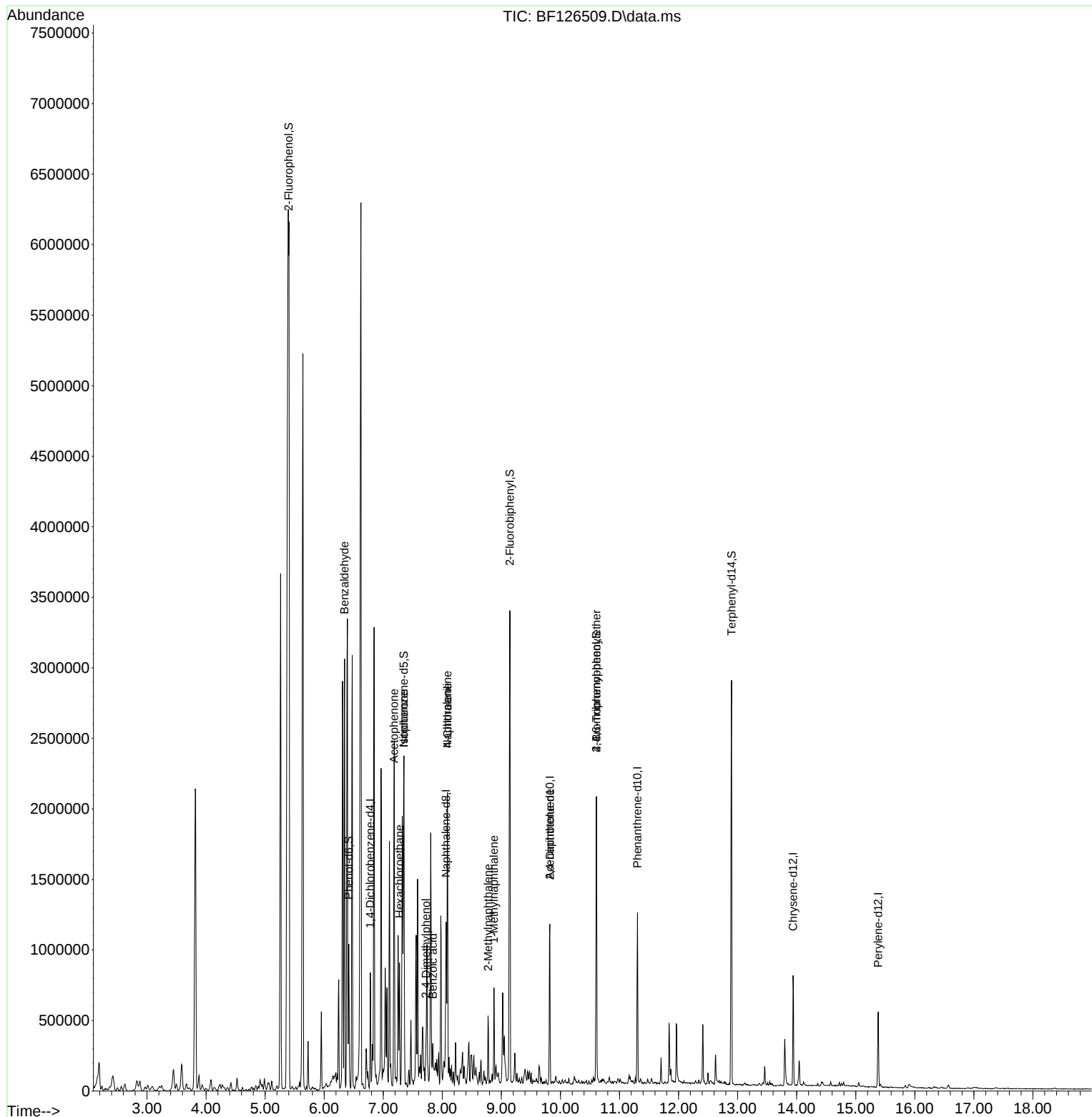
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	114403	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	480195	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	234553	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	389909	20.000	ng	0.00
76) Chrysene-d12	13.939	240	248451	20.000	ng	-0.01
86) Perylene-d12	15.380	264	206514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	247071	31.014	ng	0.00
7) Phenol-d6	6.416	99	385058	37.318	ng	0.00
23) Nitrobenzene-d5	7.345	82	754047	80.629	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	252437	139.276	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1042183	78.189	ng	0.00
79) Terphenyl-d14	12.898	244	1026889	80.305	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	121593	19.036	ng	# 1
18) Hexachloroethane	7.275	117	23044	7.299	ng	# 1
22) Acetophenone	7.181	105	151458	13.643	ng	# 54
25) Isophorone	7.345	82	751196	44.870	ng	# 69
27) 2,4-Dimethylphenol	7.722	122	30197	4.655	ng	99
31) Naphthalene	8.086	128	786313	34.693	ng	99
32) Benzoic acid	7.839	122	7813	8.491	ng	# 1
33) 4-Chloroaniline	8.086	127	108468	11.423	ng	# 33
37) 2-Methylnaphthalene	8.775	142	128684	9.624	ng	99
38) 1-Methylnaphthalene	8.875	142	157654	12.196	ng	98
57) 2,4-Dinitrotoluene	9.822	165	29926	7.335	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	13818	3.993	ng	# 1
77) Benzidine	12.898	184	13159	Below Cal		# 95

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

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Quant Time: Jan 06 01:12:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

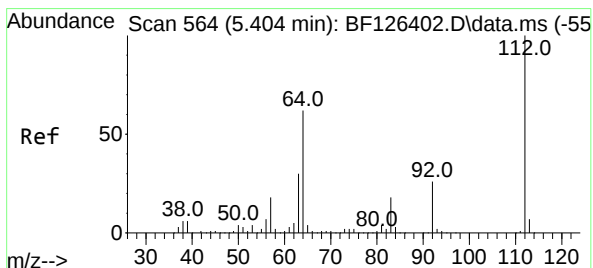
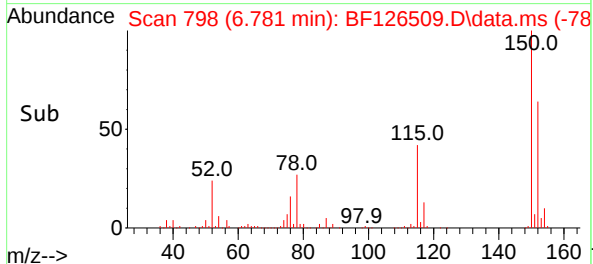
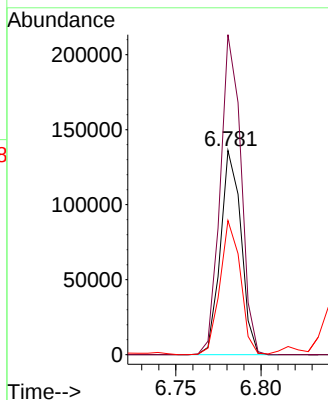
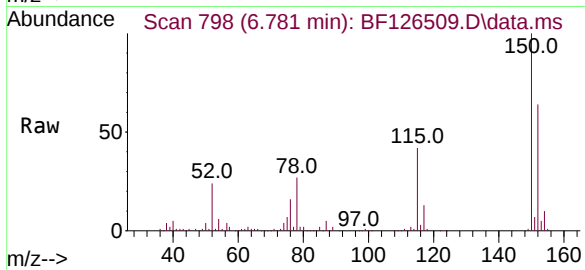




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

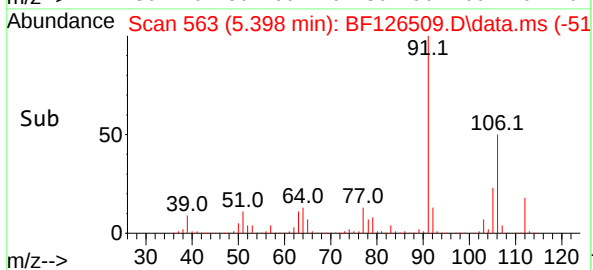
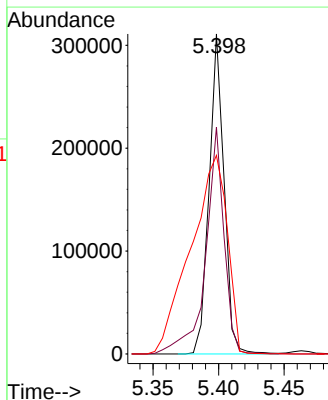
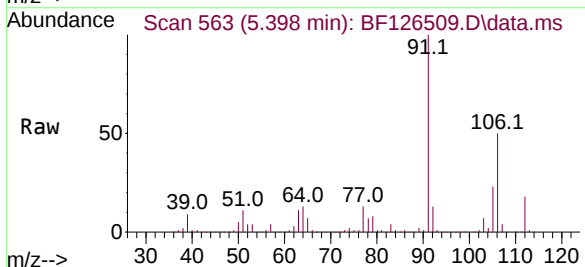
Instrument :
BNA_F
ClientSampleId :
MW-2D

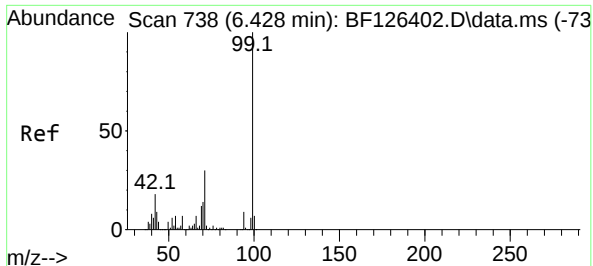
Tgt Ion:152 Resp: 114403
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 65.6 56.7 85.1



#5
2-Fluorophenol
Concen: 31.014 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:112 Resp: 247071
Ion Ratio Lower Upper
112 100
64 70.9 49.5 74.3
63 62.0 23.9 35.9#





#7

Phenol-d6

Concen: 37.318 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126509.D

Acq: 5 Jan 2022 21:52

Instrument :

BNA_F

ClientSampleId :

MW-2D

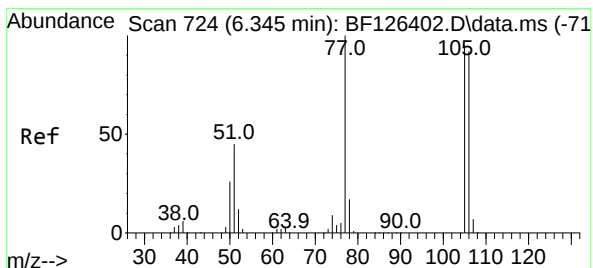
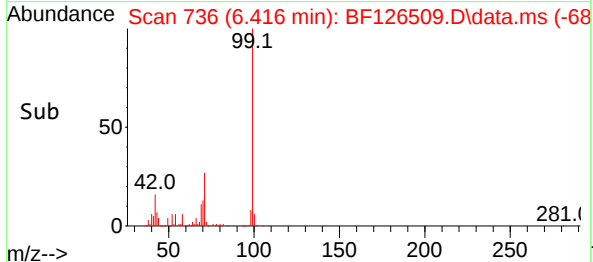
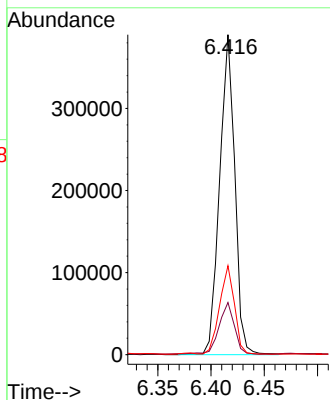
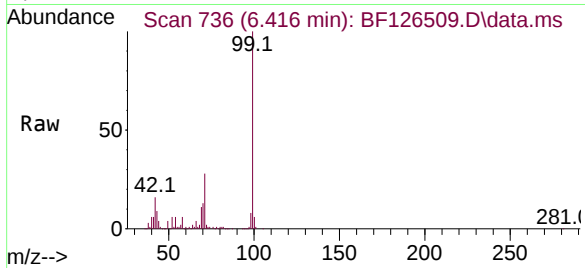
Tgt Ion: 99 Resp: 385058

Ion Ratio Lower Upper

99 100

42 16.3 14.2 21.4

71 27.8 24.3 36.5



#9

Benzaldehyde

Concen: 19.036 ng

RT: 6.345 min Scan# 724

Delta R.T. 0.012 min

Lab File: BF126509.D

Acq: 5 Jan 2022 21:52

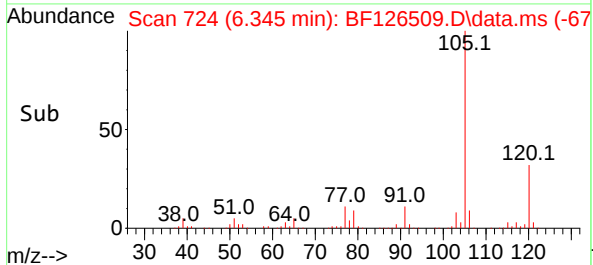
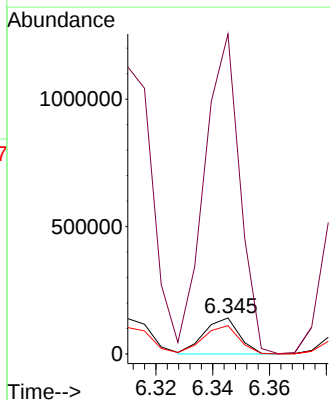
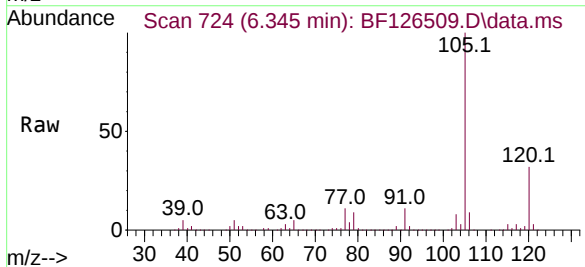
Tgt Ion: 77 Resp: 121593

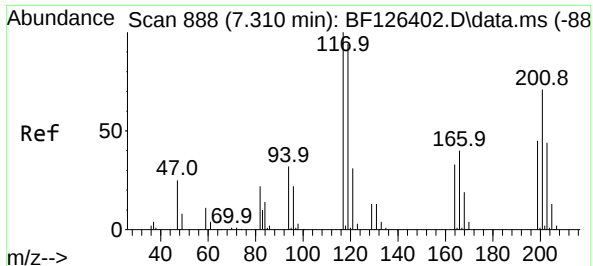
Ion Ratio Lower Upper

77 100

105 888.8 74.9 114.9#

106 78.8 72.4 112.4

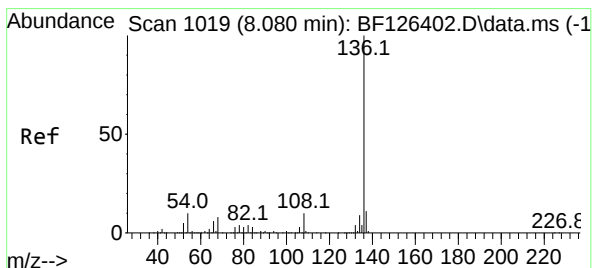
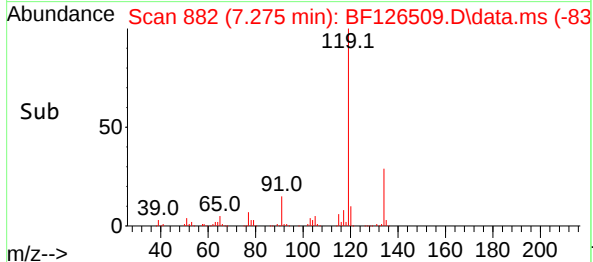
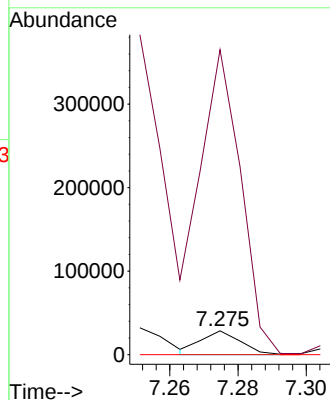
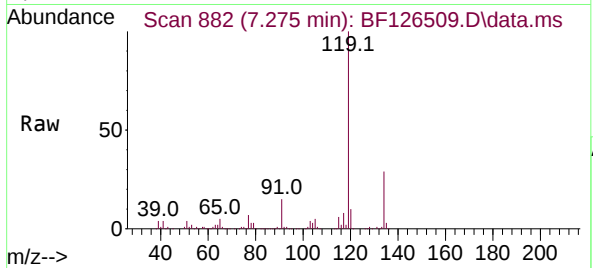




#18
Hexachloroethane
Concen: 7.299 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

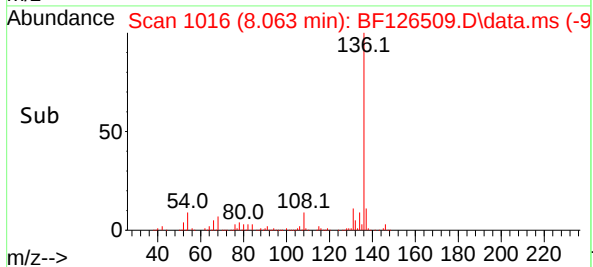
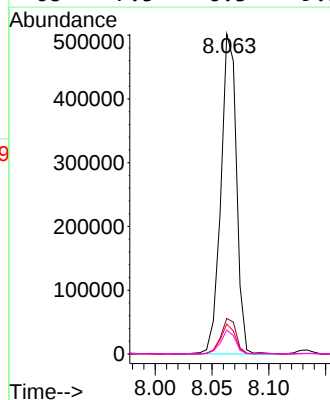
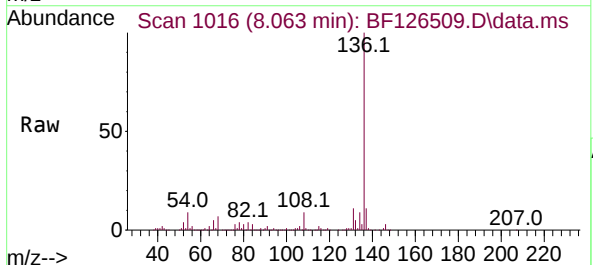
Instrument :
BNA_F
ClientSampleId :
MW-2D

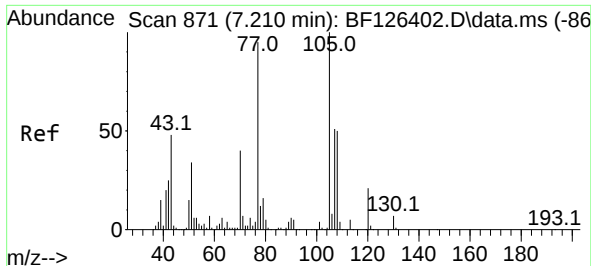
Tgt Ion:117 Resp: 23044
Ion Ratio Lower Upper
117 100
119 1281.7 75.4 113.0#
201 0.0 56.8 85.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:136 Resp: 480195
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 7.8 11.6
68 7.5 6.3 9.5

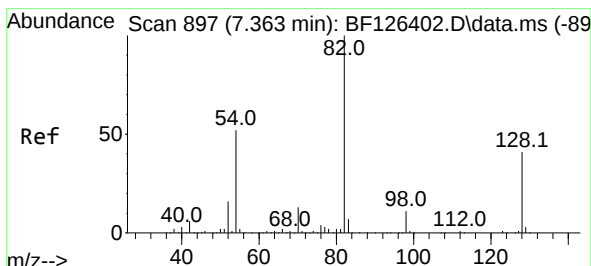
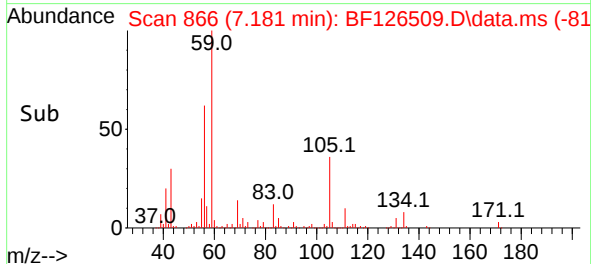
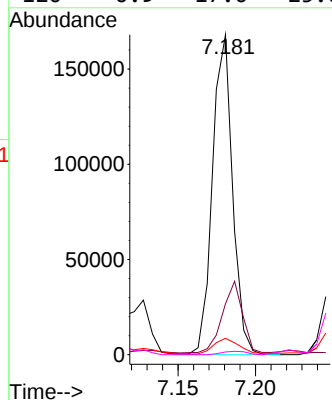
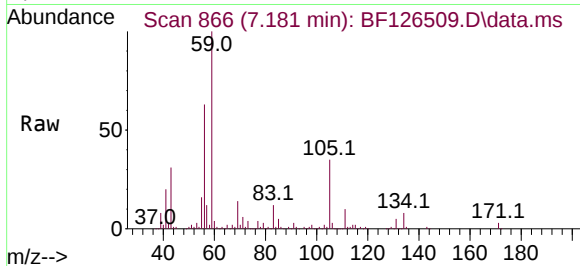




#22
Acetophenone
Concen: 13.643 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

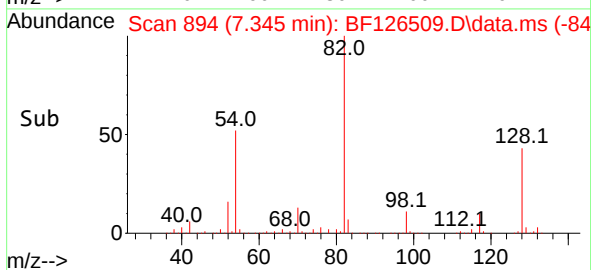
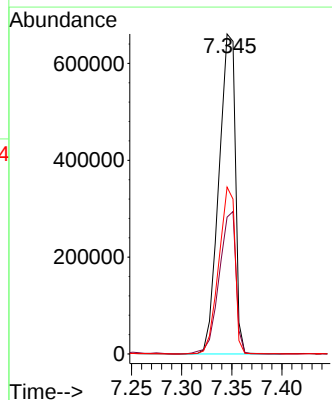
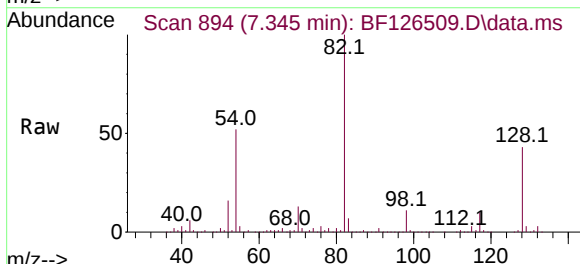
Instrument :
BNA_F
ClientSampleId :
MW-2D

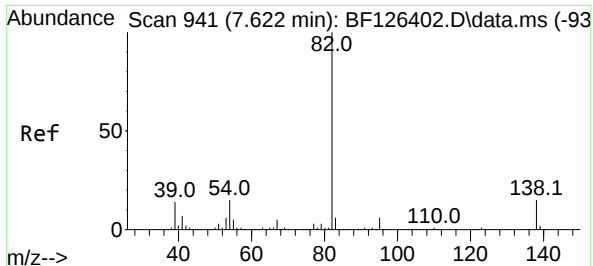
Tgt Ion:105 Resp: 151458
Ion Ratio Lower Upper
105 100
71 15.9 5.4 8.0#
51 5.1 27.4 41.0#
120 0.9 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 80.629 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion: 82 Resp: 754047
Ion Ratio Lower Upper
82 100
128 42.7 32.7 49.1
54 52.2 41.7 62.5

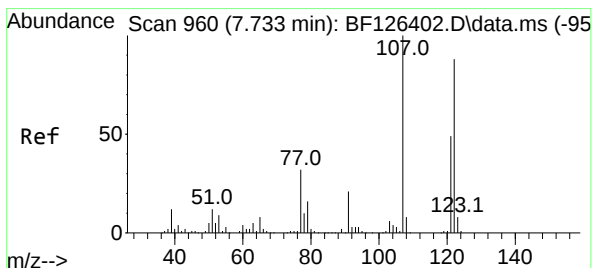
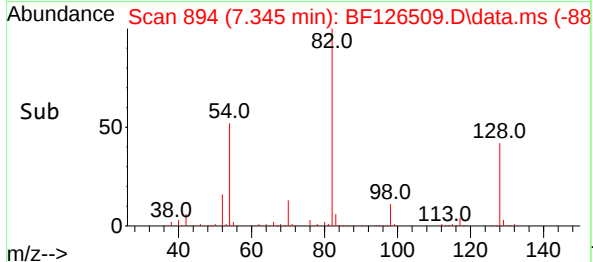
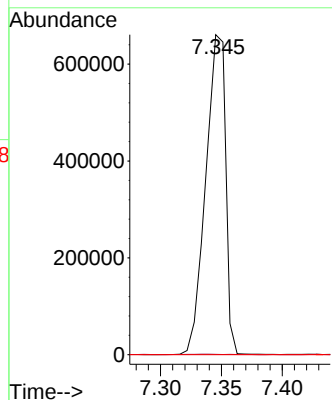
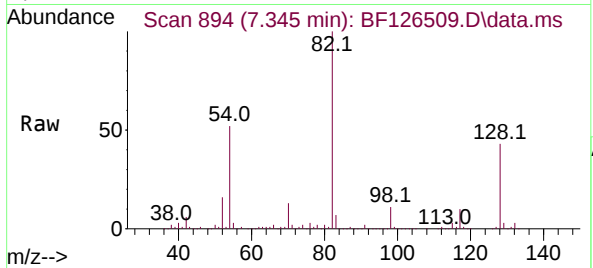




#25
Isophorone
Concen: 44.870 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

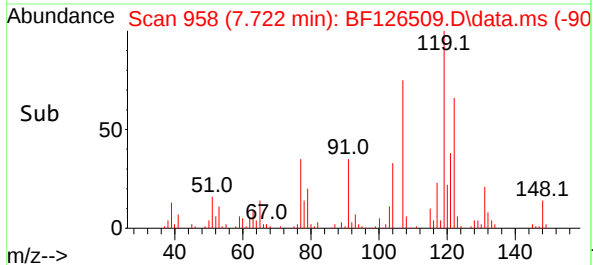
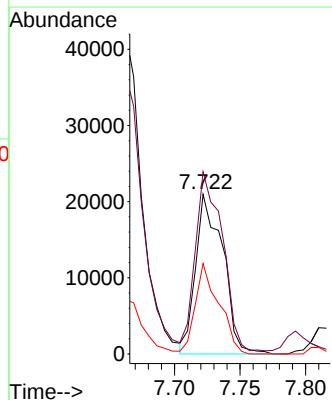
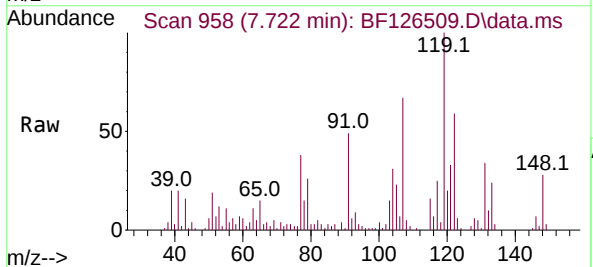
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ClientSampleId :
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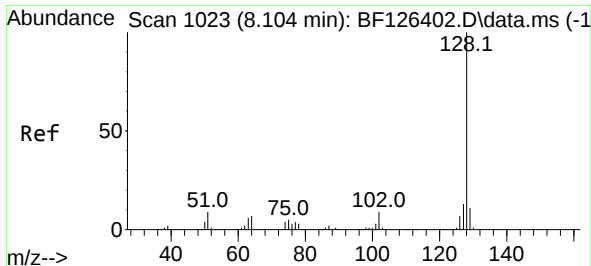
Tgt Ion: 82 Resp: 751196
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#27
2,4-Dimethylphenol
Concen: 4.655 ng
RT: 7.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:122 Resp: 30197
Ion Ratio Lower Upper
122 100
107 114.2 91.2 136.8
121 56.7 44.4 66.6

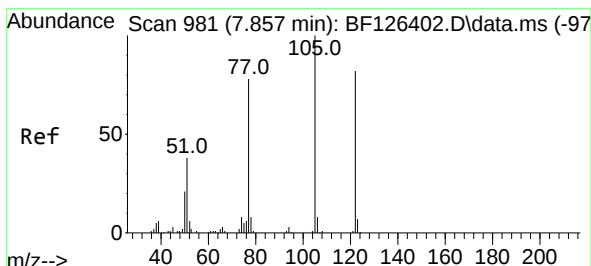
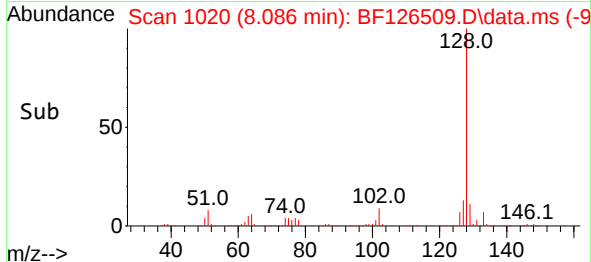
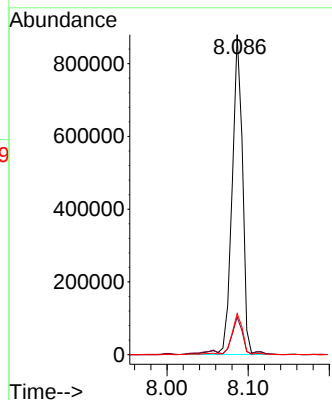
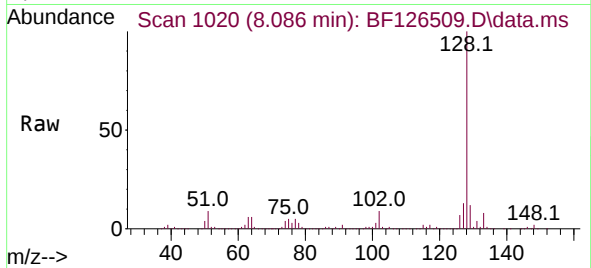




#31
Naphthalene
Concen: 34.693 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

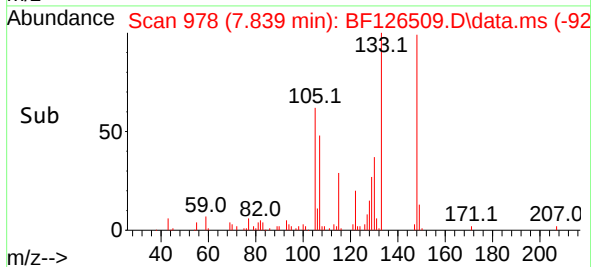
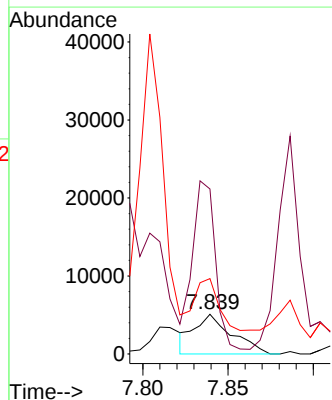
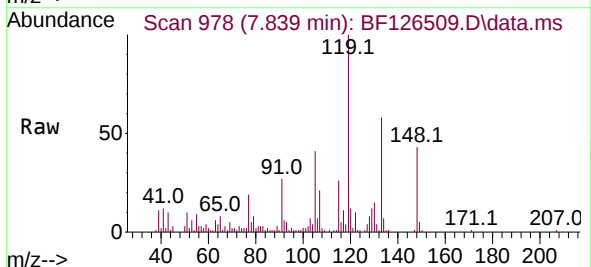
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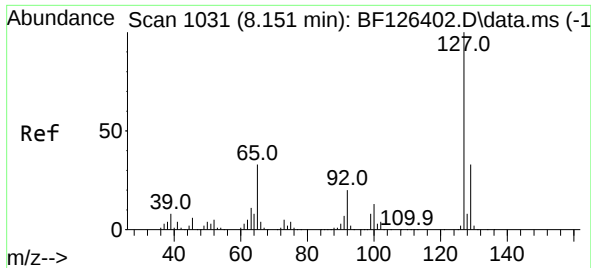
Tgt Ion:128 Resp: 786313
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 8.491 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:122 Resp: 7813
Ion Ratio Lower Upper
122 100
105 415.9 101.0 141.0#
77 189.9 74.5 114.5#

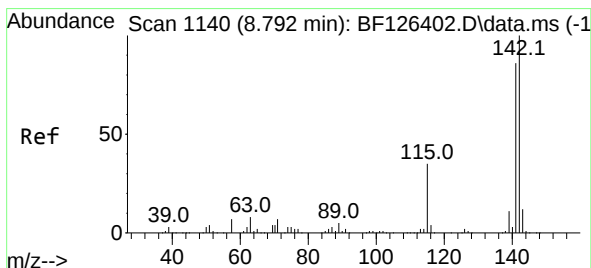
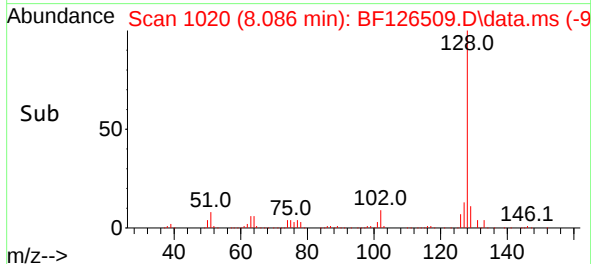
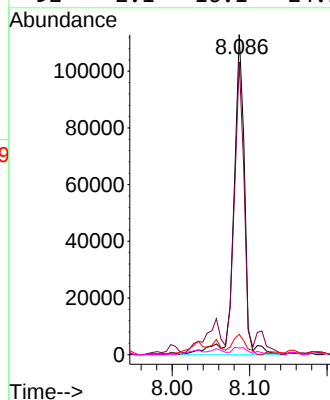
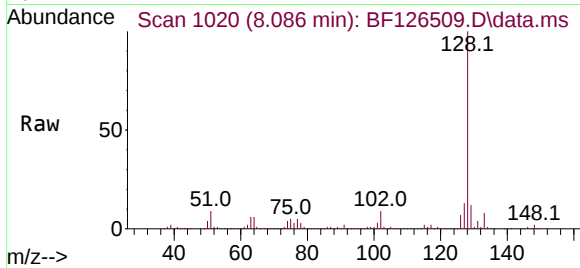




#33
4-Chloroaniline
Concen: 11.423 ng
RT: 8.086 min Scan# 1137
Delta R.T. -0.053 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

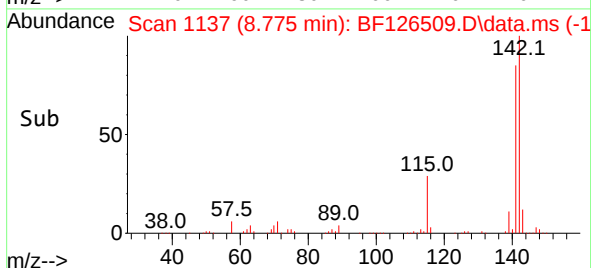
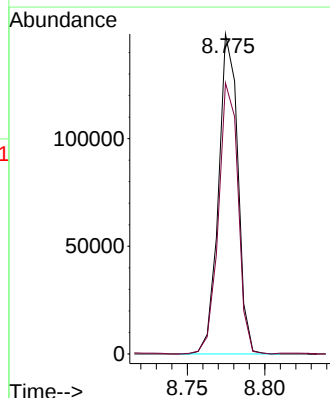
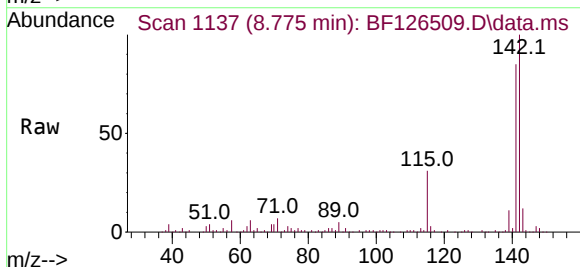
Instrument :
BNA_F
ClientSampleId :
MW-2D

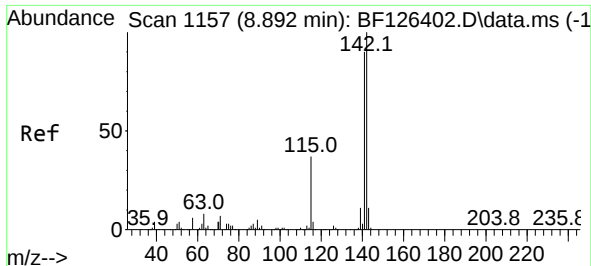
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Ion Ratio Lower Upper
127 100
129 91.5 26.5 39.7#
65 6.4 26.6 39.8#
92 2.1 16.1 24.1#



#37
2-Methylnaphthalene
Concen: 9.624 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:142 Resp: 128684
Ion Ratio Lower Upper
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141 84.7 68.6 102.8

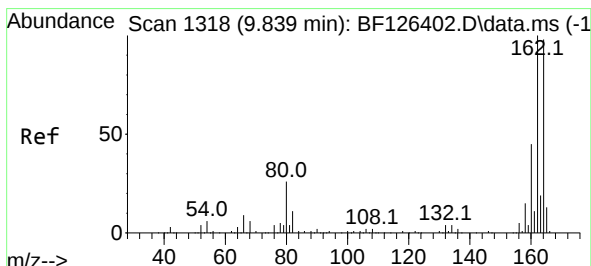
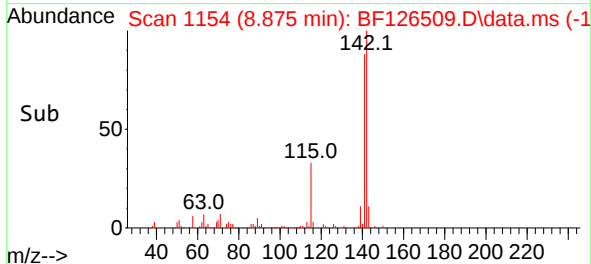
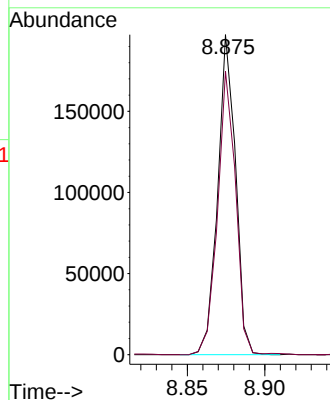
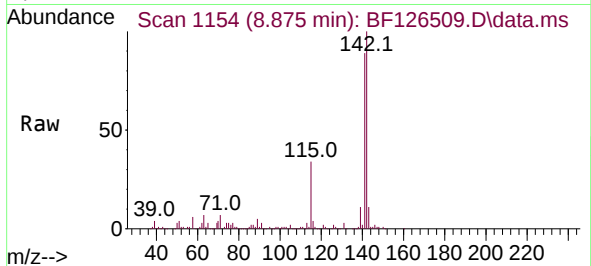




#38
1-Methylnaphthalene
Concen: 12.196 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

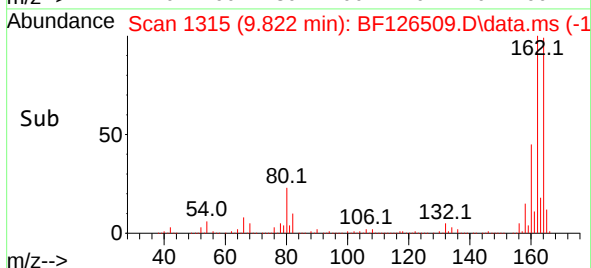
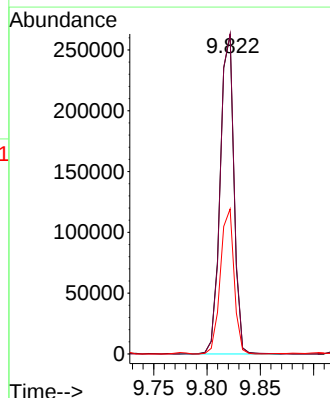
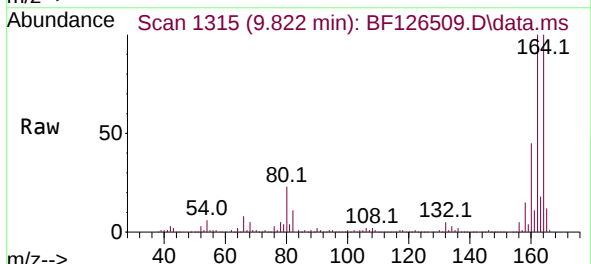
Instrument :
BNA_F
ClientSampleId :
MW-2D

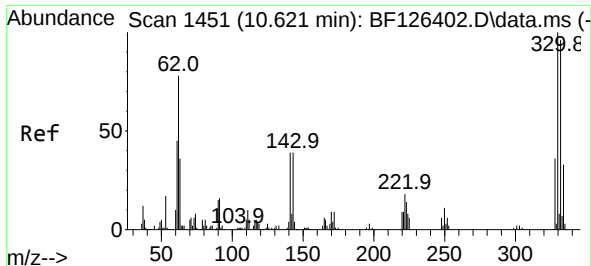
Tgt Ion:142 Resp: 157654
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:164 Resp: 234553
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 45.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 139.276 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126509.D

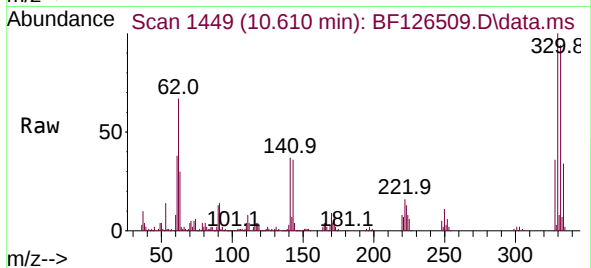
Acq: 5 Jan 2022 21:52

Instrument :

BNA_F

ClientSampleId :

MW-2D



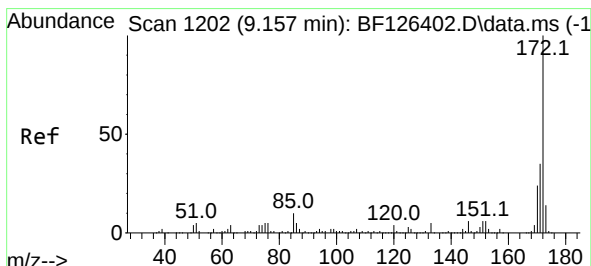
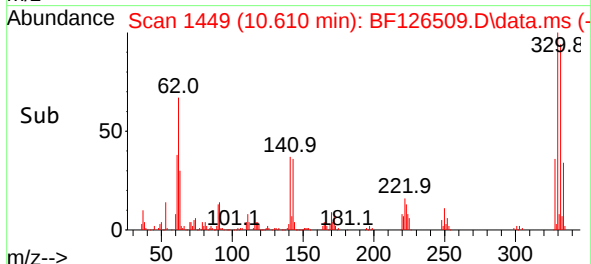
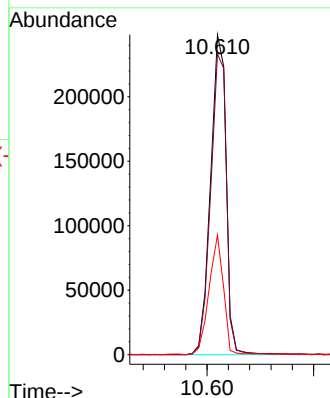
Tgt Ion:330 Resp: 252437

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.189 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126509.D

Acq: 5 Jan 2022 21:52

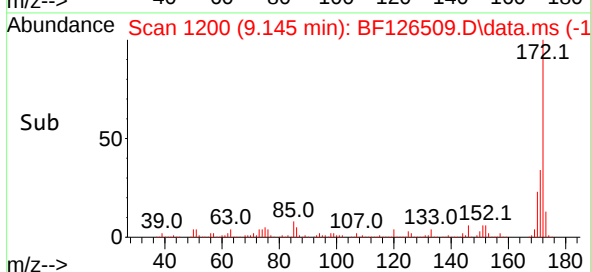
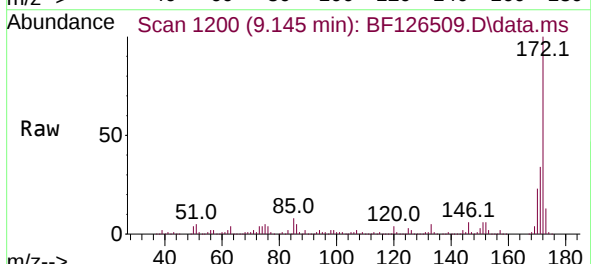
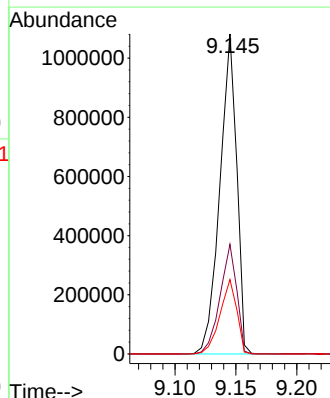
Tgt Ion:172 Resp: 1042183

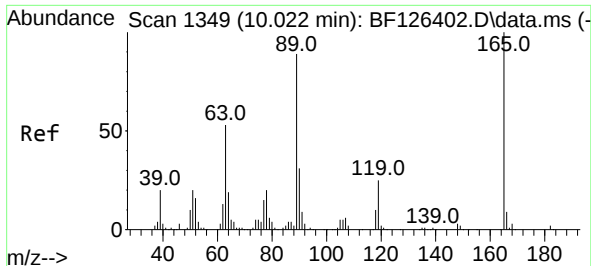
Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

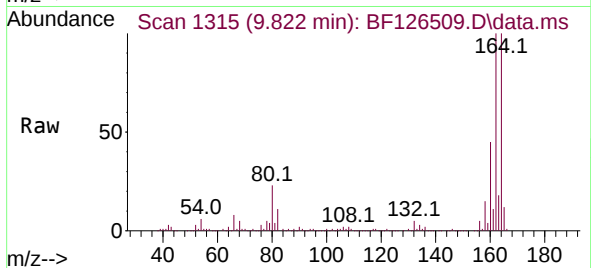
170 23.3 19.0 28.6



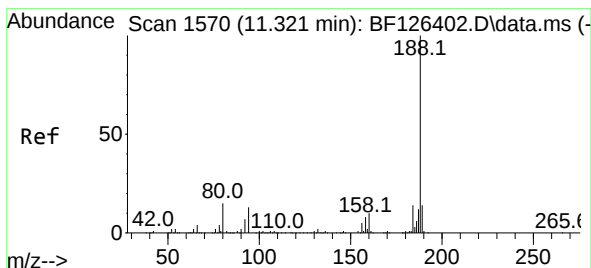
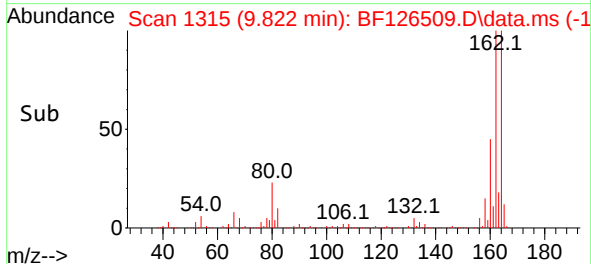
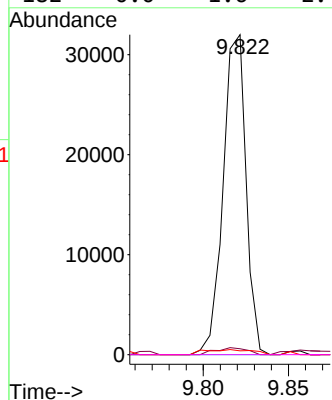


#57
2,4-Dinitrotoluene
Concen: 7.335 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Instrument :
BNA_F
ClientSampleId :
MW-2D

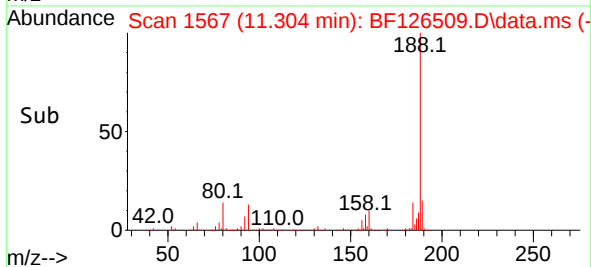
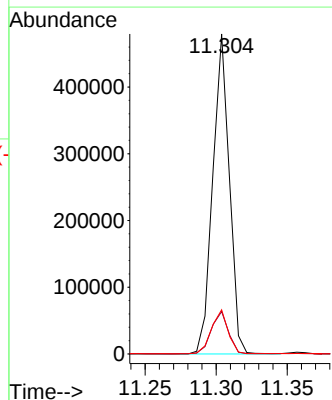
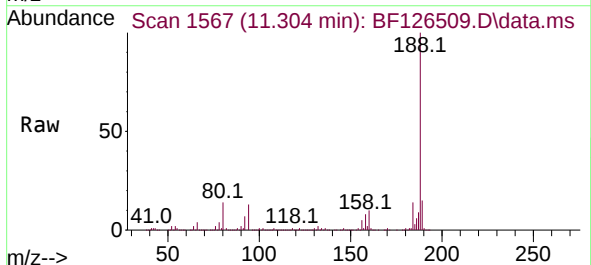


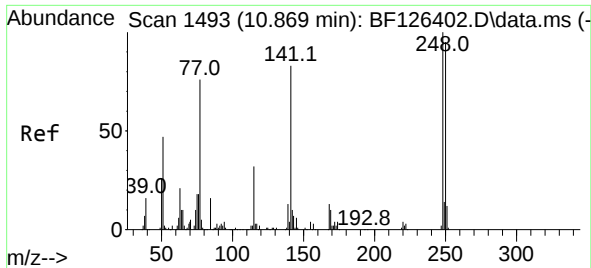
Tgt Ion:165 Resp: 29926
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

Tgt Ion:188 Resp: 389909
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 13.8 11.8 17.6

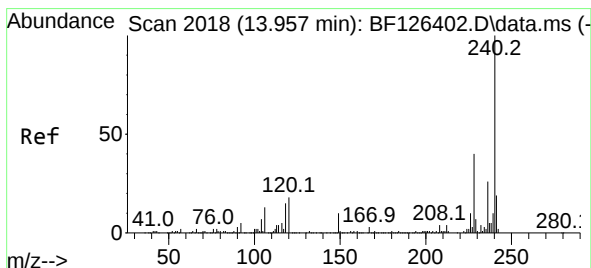
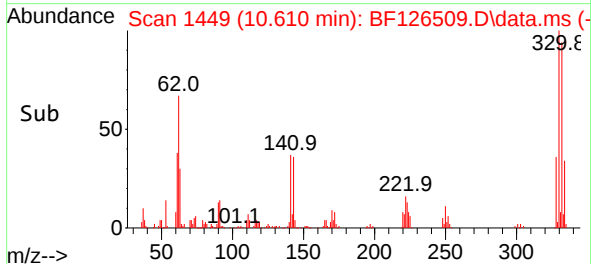
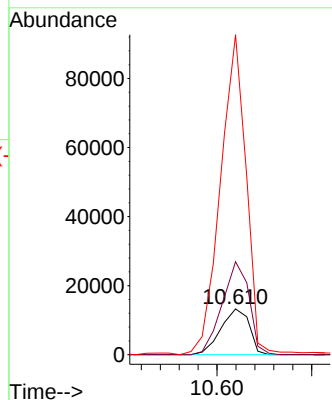
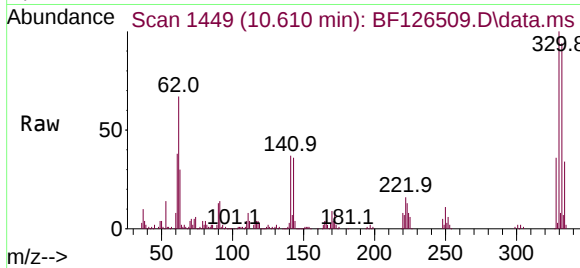




#67
4-Bromophenyl-phenylether
Concen: 3.993 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

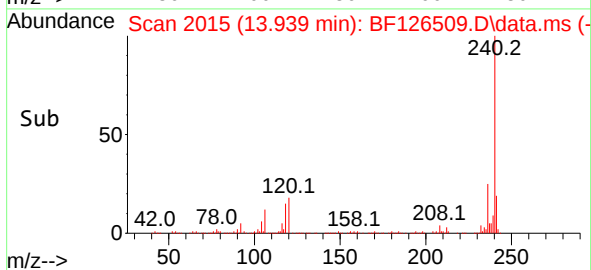
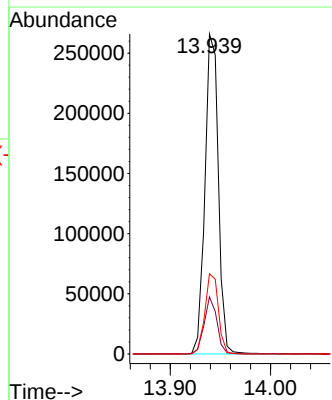
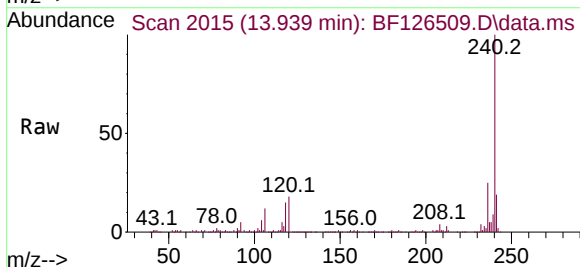
Instrument :
BNA_F
ClientSampleId :
MW-2D

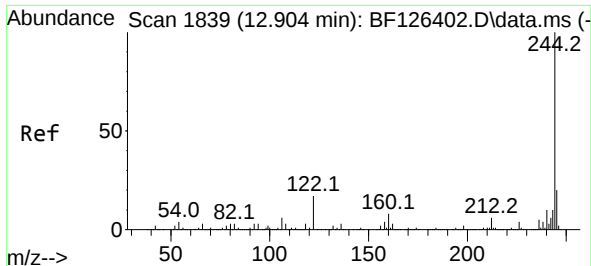
Tgt Ion:248 Resp: 13818
Ion Ratio Lower Upper
248 100
250 203.1 76.2 114.4#
141 698.9 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126509.D
Acq: 5 Jan 2022 21:52

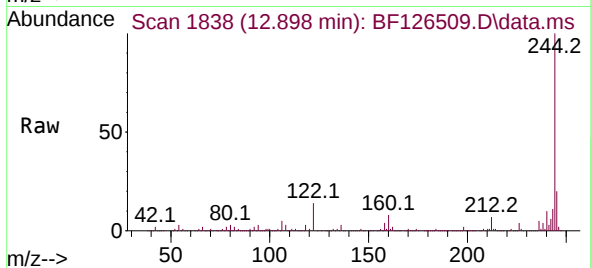
Tgt Ion:240 Resp: 248451
Ion Ratio Lower Upper
240 100
120 17.9 14.4 21.6
236 25.1 20.5 30.7



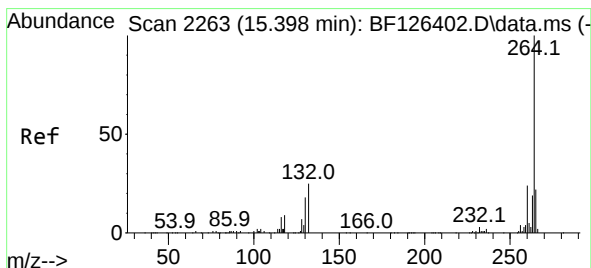
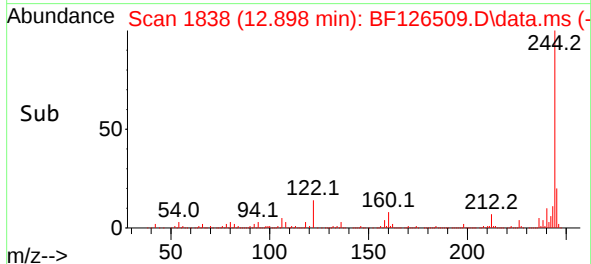
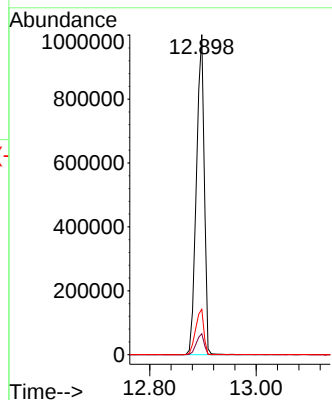


#79
 Terphenyl-d14
 Concen: 80.305 ng
 RT: 12.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126509.D
 Acq: 5 Jan 2022 21:52

Instrument :
 BNA_F
 ClientSampleId :
 MW-2D



Tgt Ion:244 Resp: 1026889
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 14.2 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126509.D
 Acq: 5 Jan 2022 21:52

Tgt Ion:264 Resp: 206514
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.4 26.2

