

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126667.D
 Acq On : 25 Jan 2022 16:56
 Operator : CG/JU
 Sample : N1250-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jan 26 00:21:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

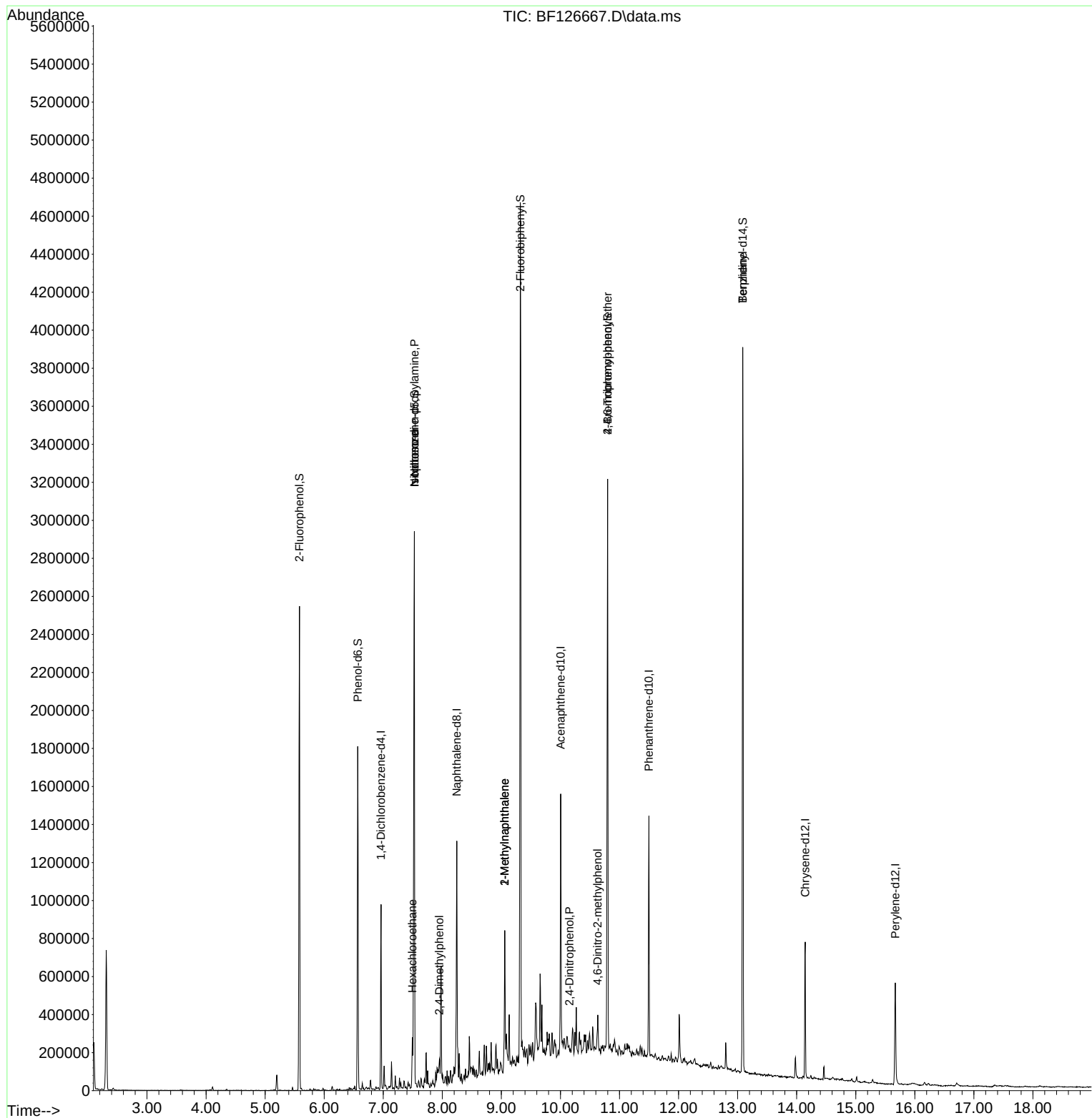
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	117312	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	458813	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	249766	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	393790	20.000	ng	0.00
76) Chrysene-d12	14.145	240	233497	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	233850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	605410	67.909	ng	0.00
7) Phenol-d6	6.569	99	589021	47.554	ng	-0.01
23) Nitrobenzene-d5	7.528	82	1133257	96.678	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	318776	136.379	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1428202	87.573	ng	0.00
79) Terphenyl-d14	13.086	244	1300082	93.388	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	1595	Below Cal	#	1
18) Hexachloroethane	7.492	117	20476	5.532	ng	# 1
19) n-Nitroso-di-n-propyla...	7.528	70	155267	17.175	ng	# 69
25) Isophorone	7.528	82	1130091	49.712	ng	# 69
27) 2,4-Dimethylphenol	7.951	122	38829	5.183	ng	# 6
37) 2-Methylnaphthalene	9.057	142	129850	8.424	ng	94
38) 1-Methylnaphthalene	9.057	142	129850	8.691	ng	99
54) 2,4-Dinitrophenol	10.151	184	170	4.034	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.627	198	321	7.516	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	20551	4.528	ng	# 1
77) Benzidine	13.086	184	19678	2.443	ng	94

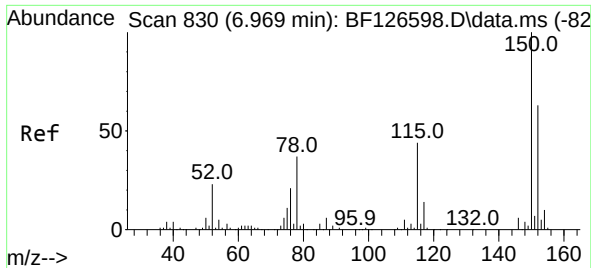
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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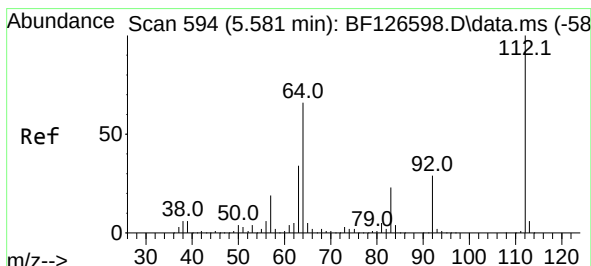
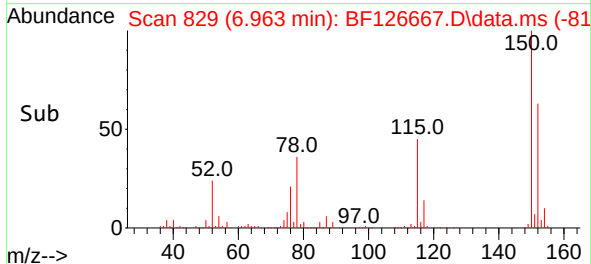
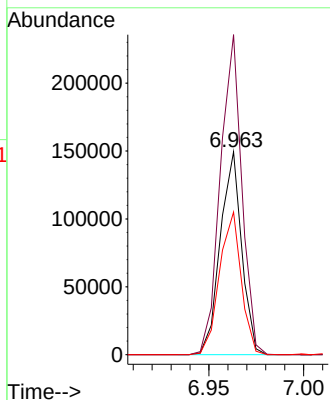
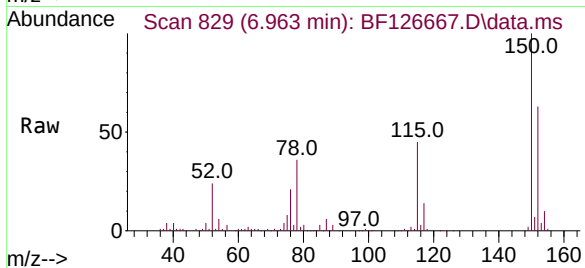




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

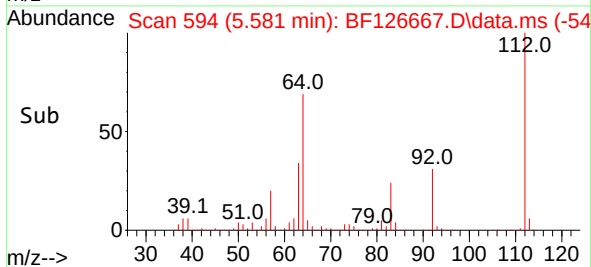
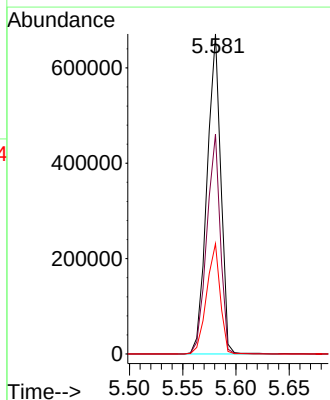
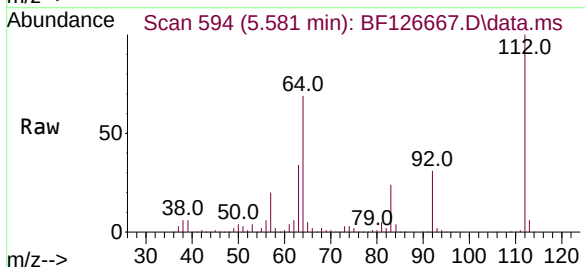
Instrument :
BNA_F
ClientSampleId :
MW-3

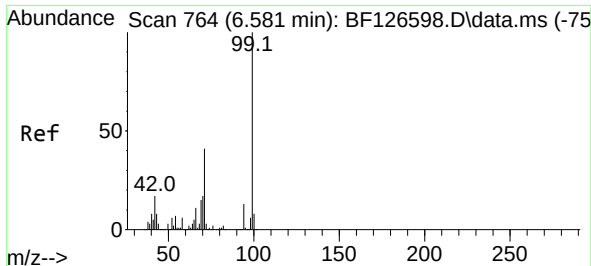
Tgt Ion:152 Resp: 117312
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 70.3 56.7 85.1



#5
2-Fluorophenol
Concen: 67.909 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:112 Resp: 605410
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 34.4 23.9 35.9





#7

Phenol-d6

Concen: 47.554 ng

RT: 6.569 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF126667.D

Acq: 25 Jan 2022 16:56

Instrument :

BNA_F

ClientSampleId :

MW-3

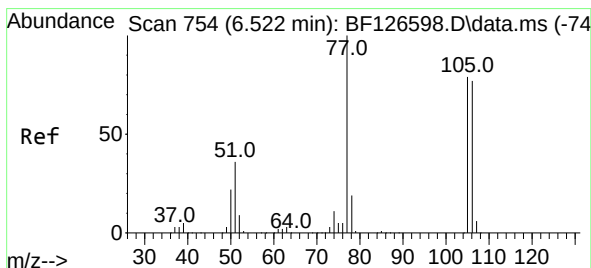
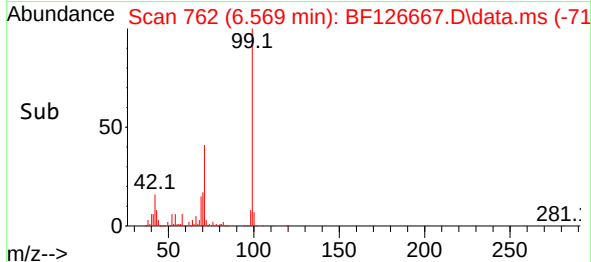
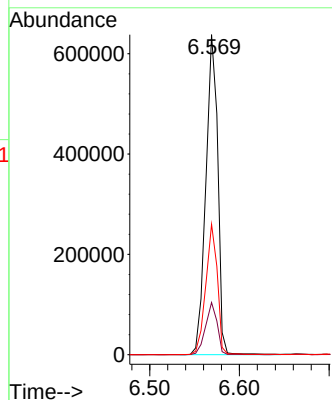
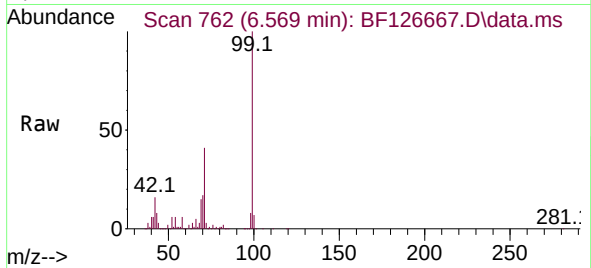
Tgt Ion: 99 Resp: 589021

Ion Ratio Lower Upper

99 100

42 16.3 14.2 21.4

71 40.8 24.3 36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF126667.D

Acq: 25 Jan 2022 16:56

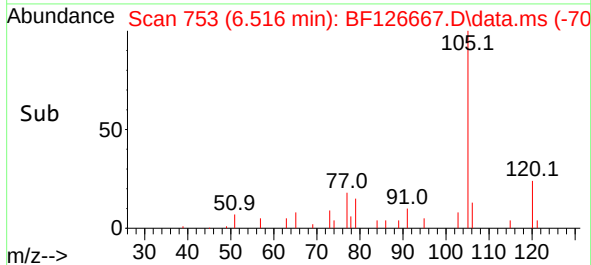
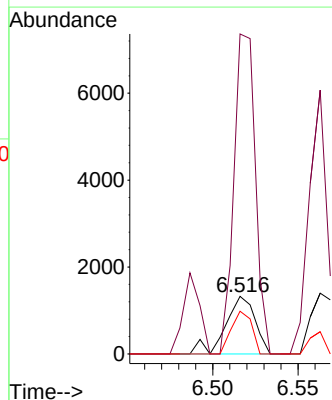
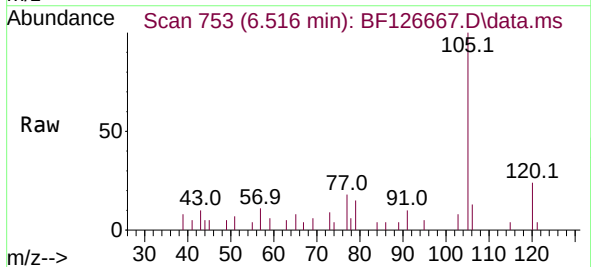
Tgt Ion: 77 Resp: 1595

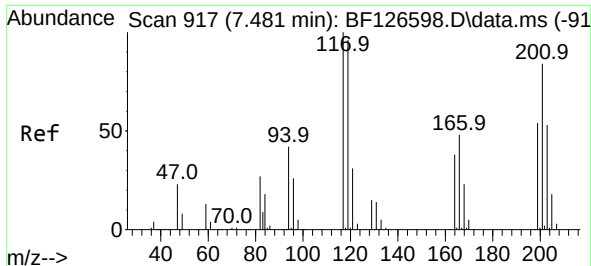
Ion Ratio Lower Upper

77 100

105 556.1 74.9 114.9#

106 74.2 72.4 112.4

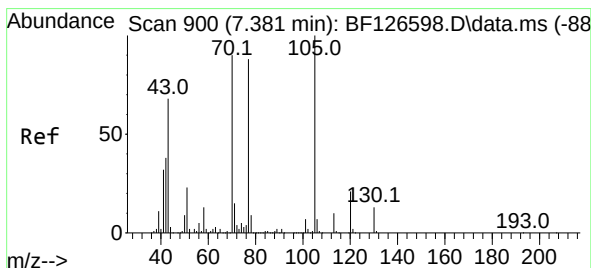
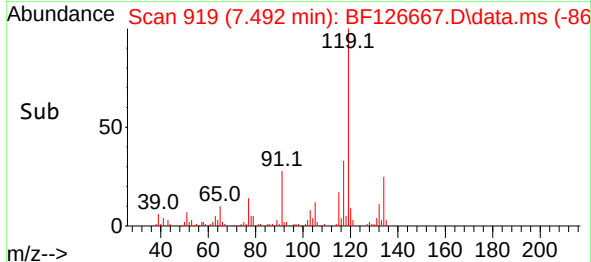
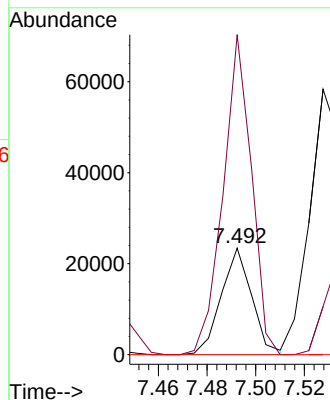
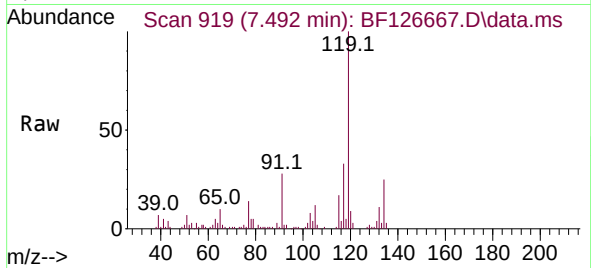




#18
 Hexachloroethane
 Concen: 5.532 ng
 RT: 7.492 min Scan# 917
 Delta R.T. 0.012 min
 Lab File: BF126667.D
 Acq: 25 Jan 2022 16:56

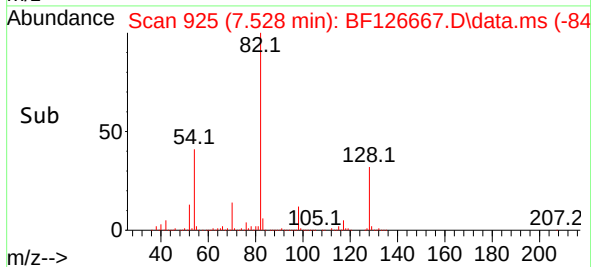
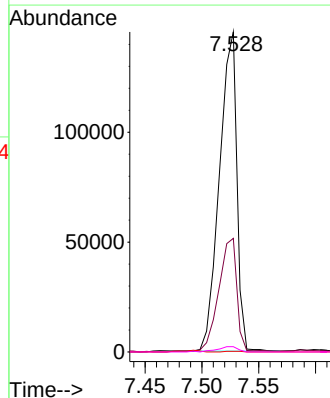
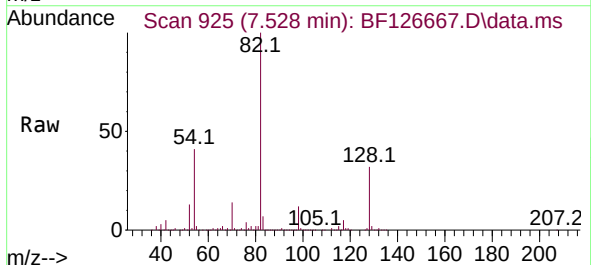
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

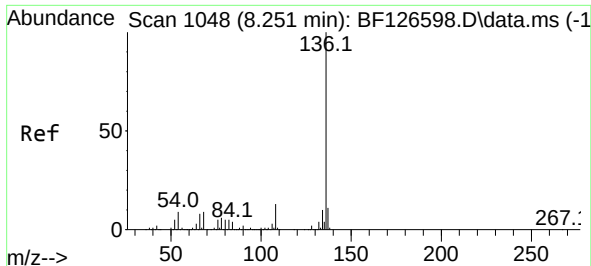
Tgt Ion:117 Resp: 20476
 Ion Ratio Lower Upper
 117 100
 119 300.3 75.4 113.0#
 201 0.0 56.8 85.2#



#19
 n-Nitroso-di-n-propylamine
 Concen: 17.175 ng
 RT: 7.528 min Scan# 925
 Delta R.T. 0.147 min
 Lab File: BF126667.D
 Acq: 25 Jan 2022 16:56

Tgt Ion: 70 Resp: 155267
 Ion Ratio Lower Upper
 70 100
 42 35.5 45.8 68.8#
 101 0.2 6.9 10.3#
 130 1.7 14.4 21.6#

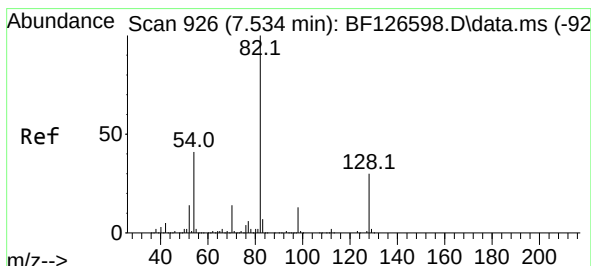
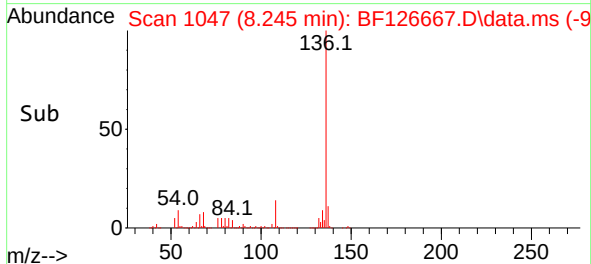
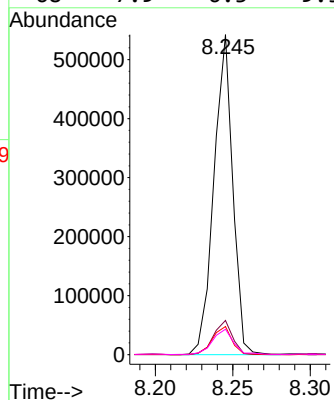
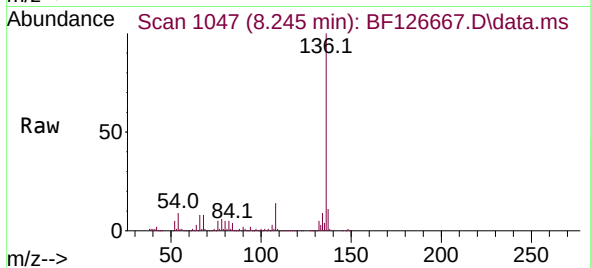




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

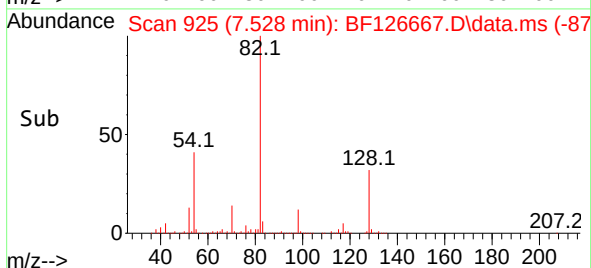
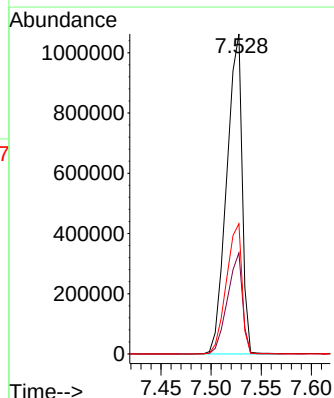
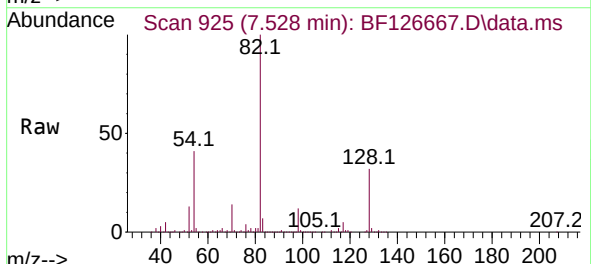
Instrument :
BNA_F
ClientSampleId :
MW-3

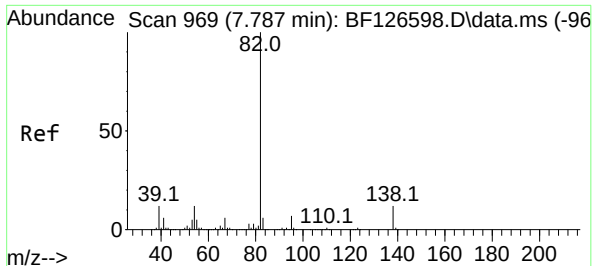
Tgt Ion:136	Resp: 458813
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 8.8	7.8 11.6
68 7.9	6.3 9.5



#23
Nitrobenzene-d5
Concen: 96.678 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion: 82		Resp: 1133257	
Ion	Ratio	Lower	Upper
82	100		
128	31.6	32.7	49.1#
54	40.7	41.7	62.5#

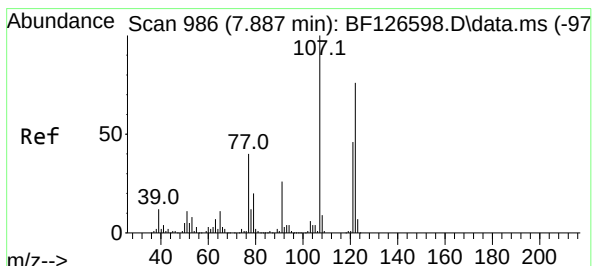
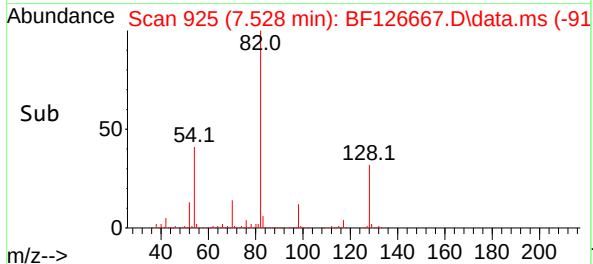
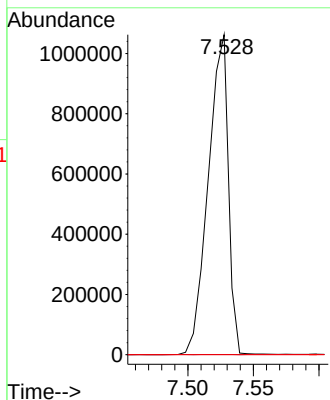
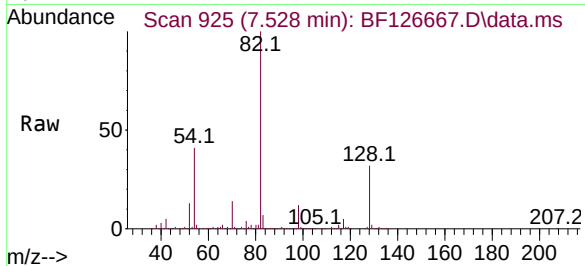




#25
Isophorone
Concen: 49.712 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

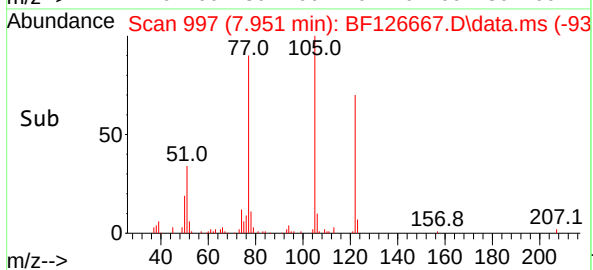
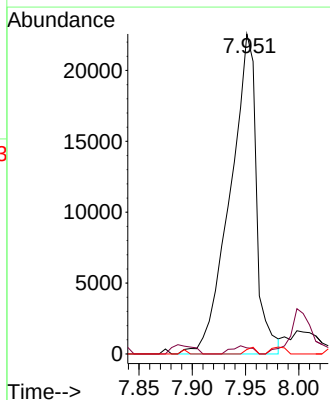
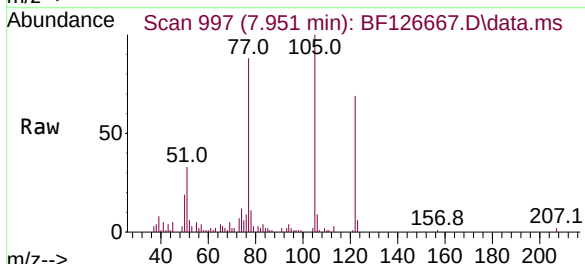
Instrument :
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ClientSampleId :
MW-3

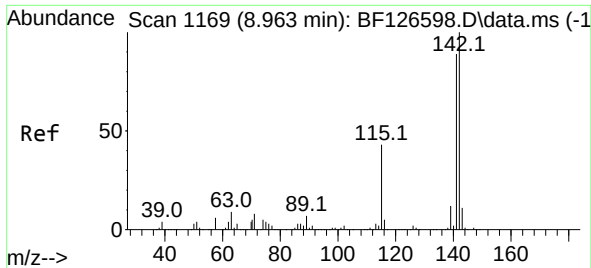
Tgt Ion: 82 Resp: 1130091
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#27
2,4-Dimethylphenol
Concen: 5.183 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.065 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:122 Resp: 38829
Ion Ratio Lower Upper
122 100
107 1.9 91.2 136.8#
121 1.4 44.4 66.6#

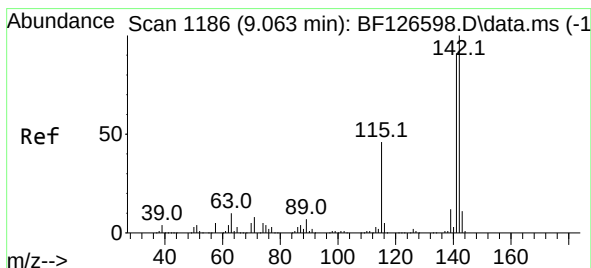
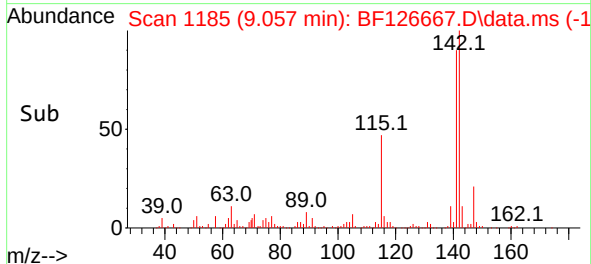
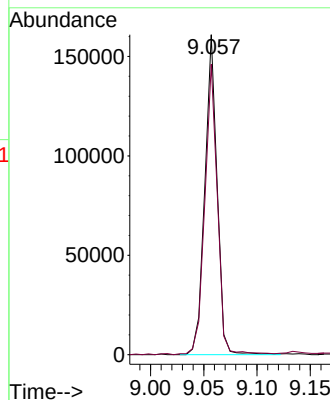
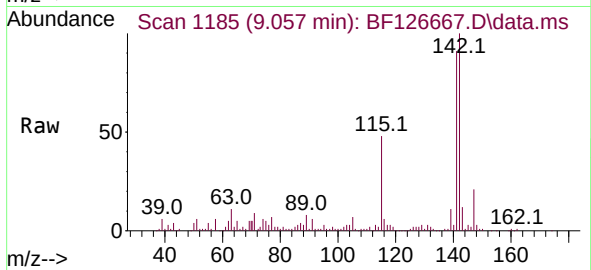




#37
2-Methylnaphthalene
Concen: 8.424 ng
RT: 9.057 min Scan# 1169
Delta R.T. 0.094 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

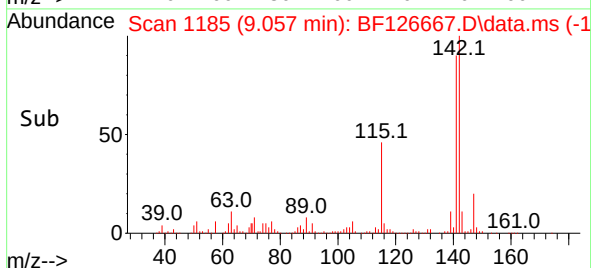
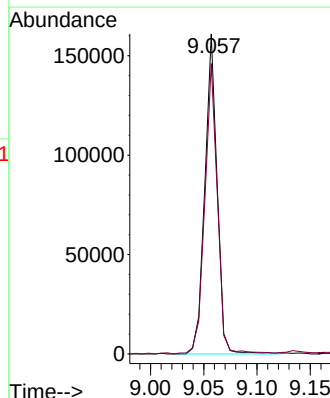
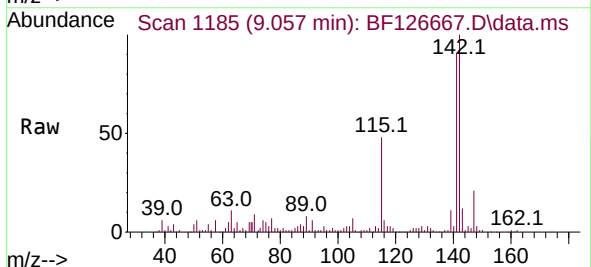
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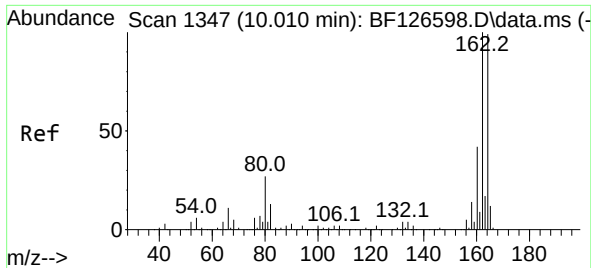
Tgt Ion:142 Resp: 129850
Ion Ratio Lower Upper
142 100
141 90.8 68.6 102.8



#38
1-Methylnaphthalene
Concen: 8.691 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:142 Resp: 129850
Ion Ratio Lower Upper
142 100
141 90.8 72.1 108.1

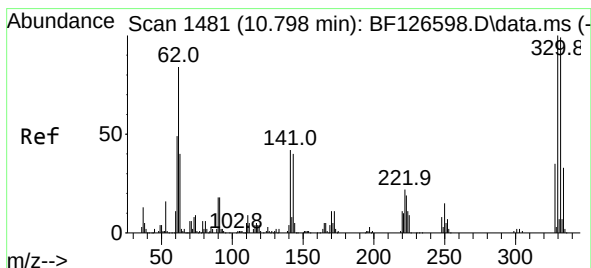
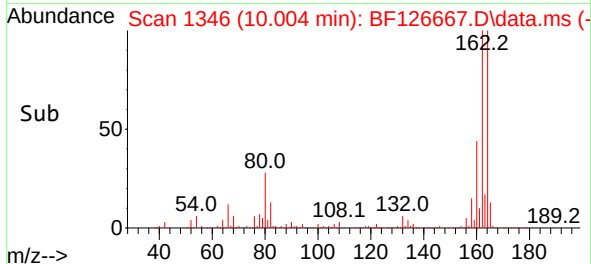
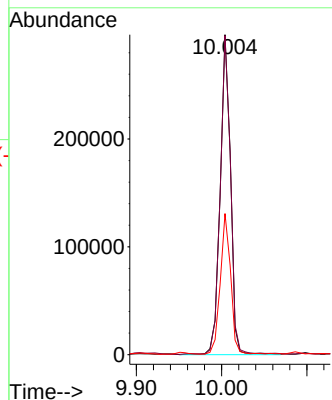
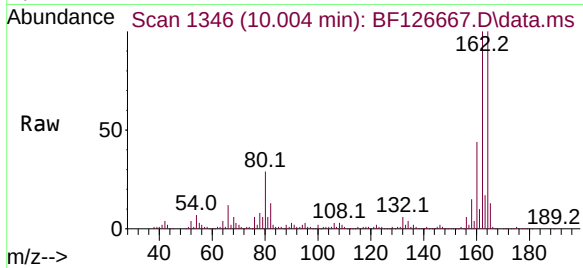




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

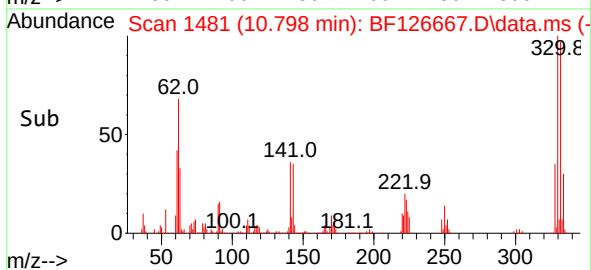
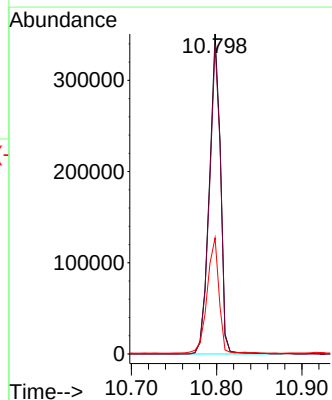
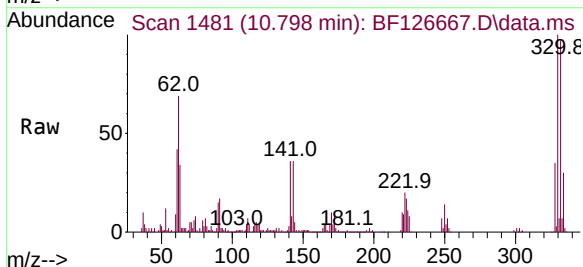
Instrument :
BNA_F
ClientSampleId :
MW-3

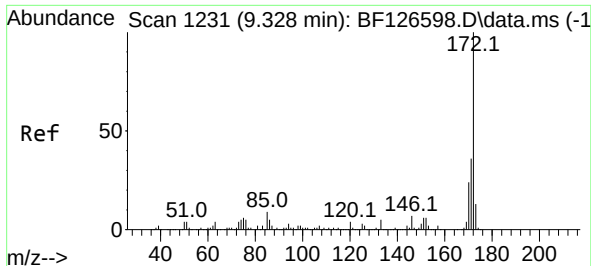
Tgt Ion:164 Resp: 249766
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 44.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.379 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:330 Resp: 318776
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 37.8 30.1 45.1

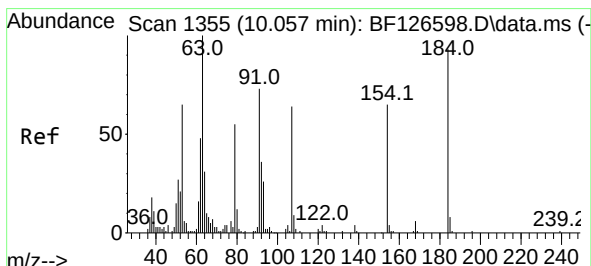
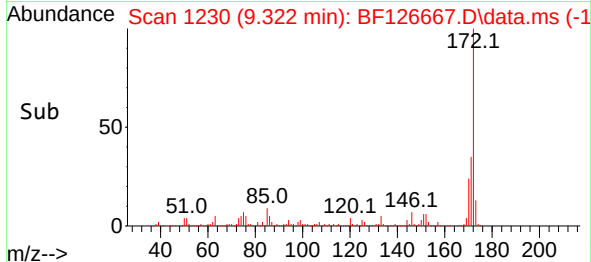
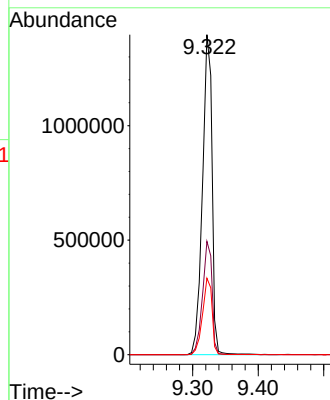
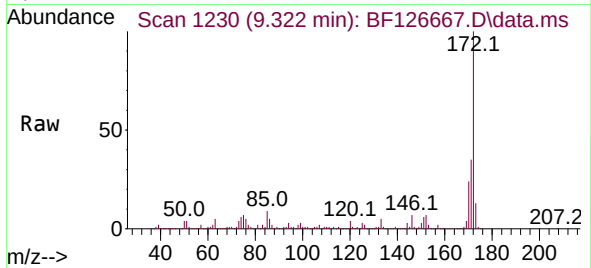




#45
2-Fluorobiphenyl
Concen: 87.573 ng
RT: 9.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

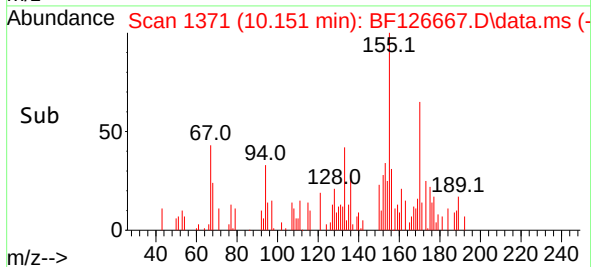
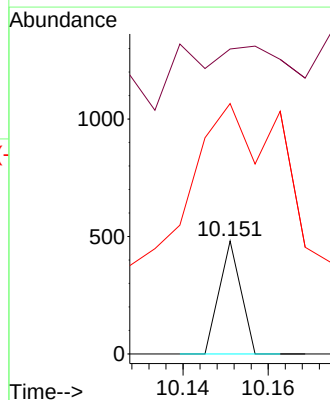
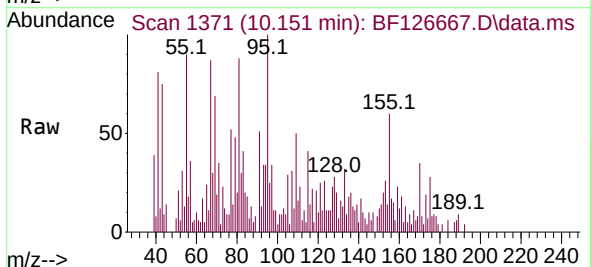
Instrument :
BNA_F
ClientSampleId :
MW-3

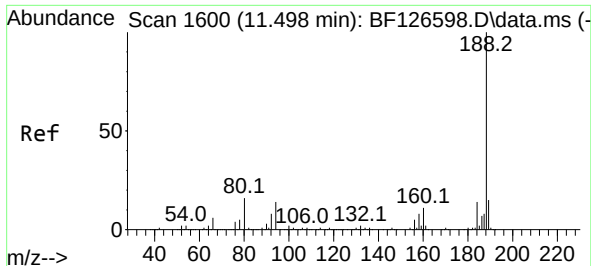
Tgt Ion:172 Resp: 1428202
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.9 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 4.034 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.094 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:184 Resp: 170
Ion Ratio Lower Upper
184 100
63 269.9 70.4 105.6#
154 221.6 49.7 74.5#

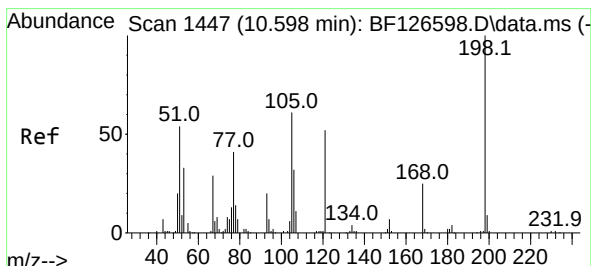
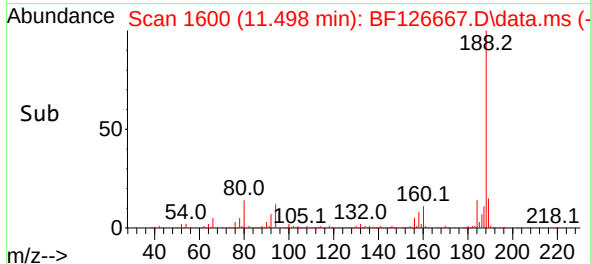
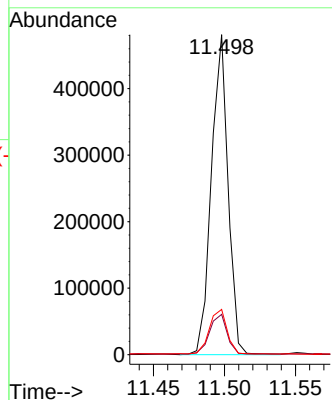
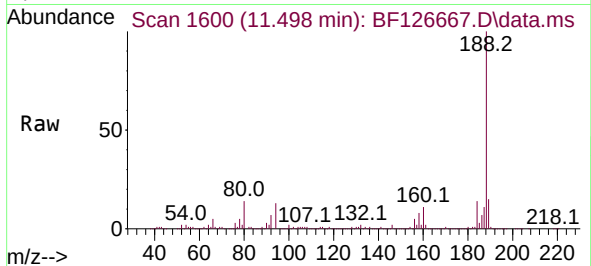




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

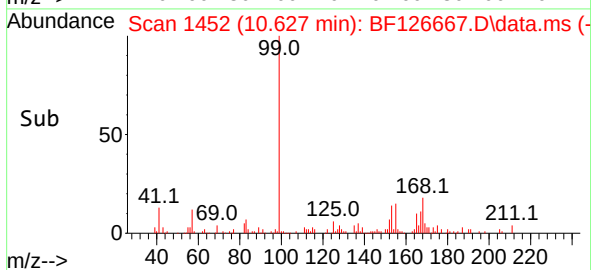
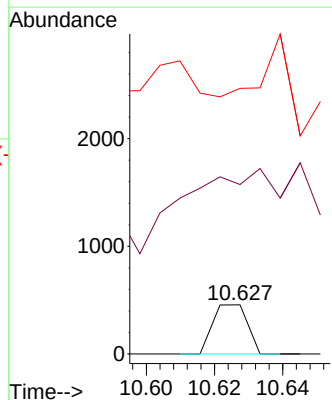
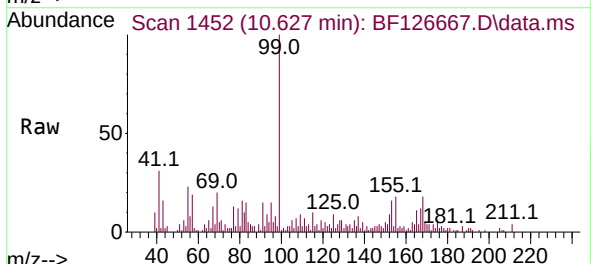
Instrument :
BNA_F
ClientSampleId :
MW-3

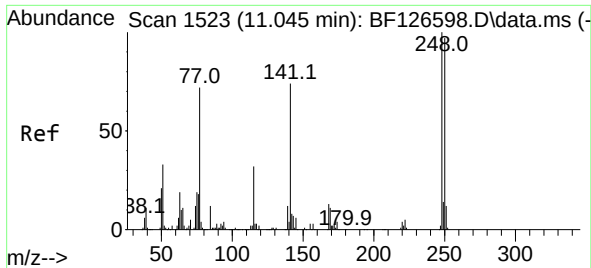
Tgt Ion:188 Resp: 393790
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 14.1 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.516 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.029 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:198 Resp: 321
Ion Ratio Lower Upper
198 100
51 345.2 32.0 72.0#
105 541.0 32.7 72.7#

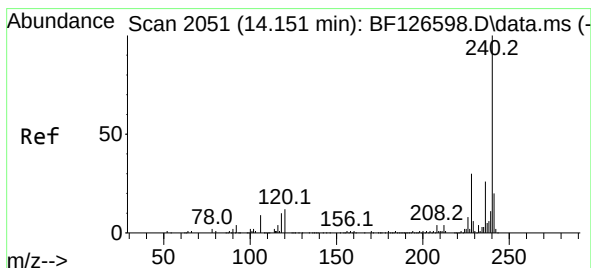
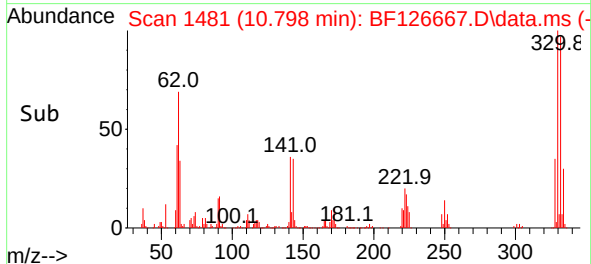
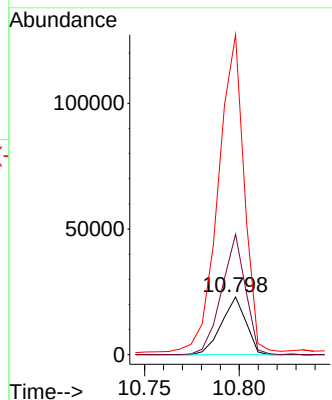
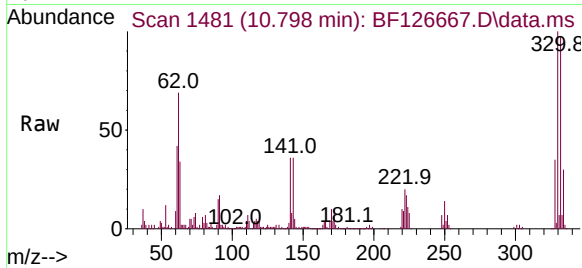




#67
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

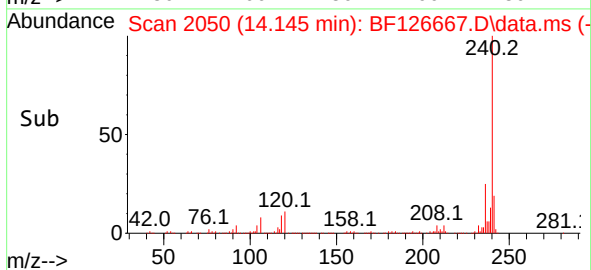
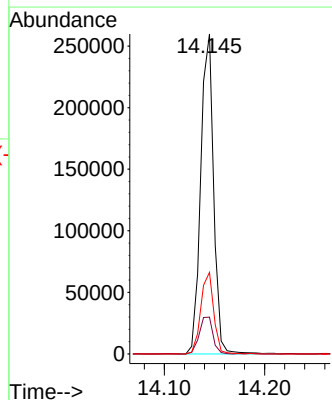
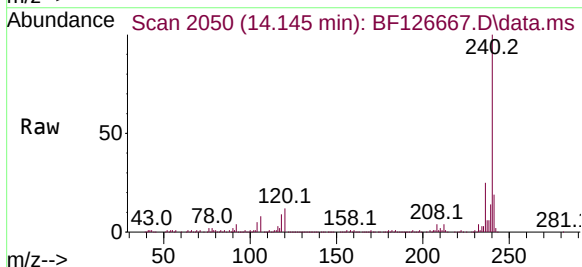
Instrument :
BNA_F
ClientSampleId :
MW-3

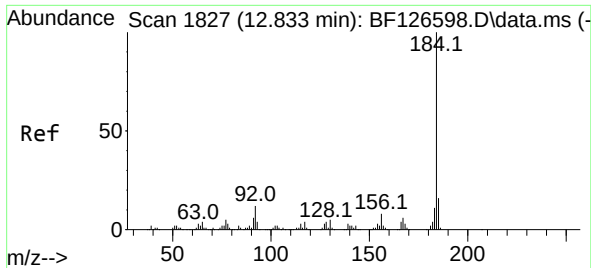
Tgt Ion:248 Resp: 20551
Ion Ratio Lower Upper
248 100
250 208.4 76.2 114.4#
141 553.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:240 Resp: 233497
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 25.5 20.5 30.7

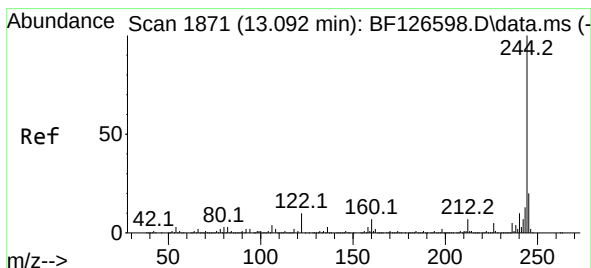
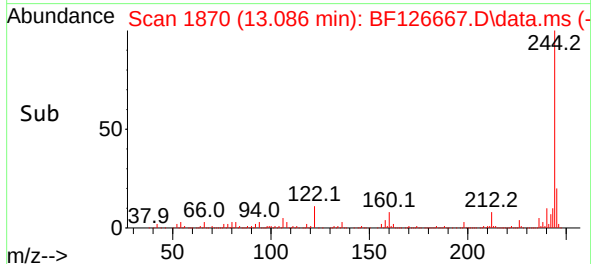
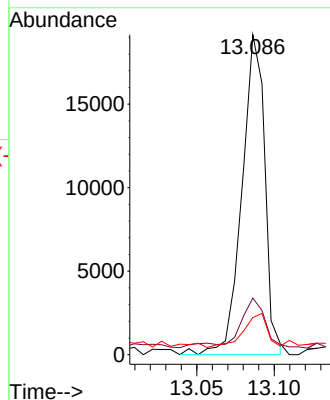
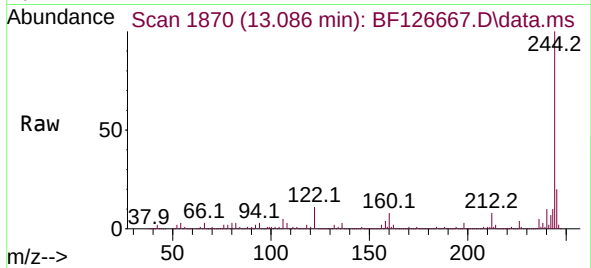




#77
Benzidine
Concen: 2.443 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.253 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

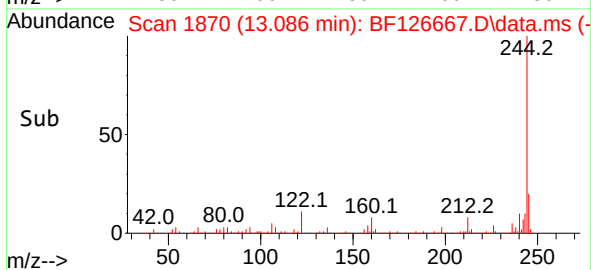
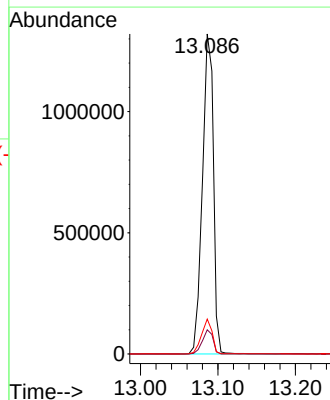
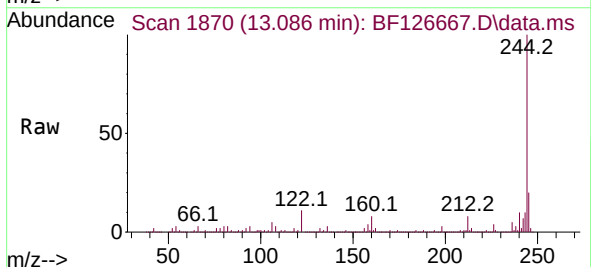
Instrument :
BNA_F
ClientSampleId :
MW-3

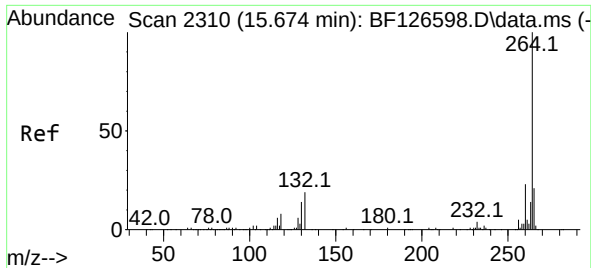
Tgt Ion:184 Resp: 19678
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.8
183 11.6 8.2 12.2



#79
Terphenyl-d14
Concen: 93.388 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126667.D
Acq: 25 Jan 2022 16:56

Tgt Ion:244 Resp: 1300082
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 10.9 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126667.D
 Acq: 25 Jan 2022 16:56

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:264 Resp: 233850
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 20.6 17.4 26.2

