

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123453.D
 Acq On : 24 Mar 2021 22:38
 Operator : JU/CG
 Sample : M1775-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11979

Quant Time: Mar 25 00:41:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

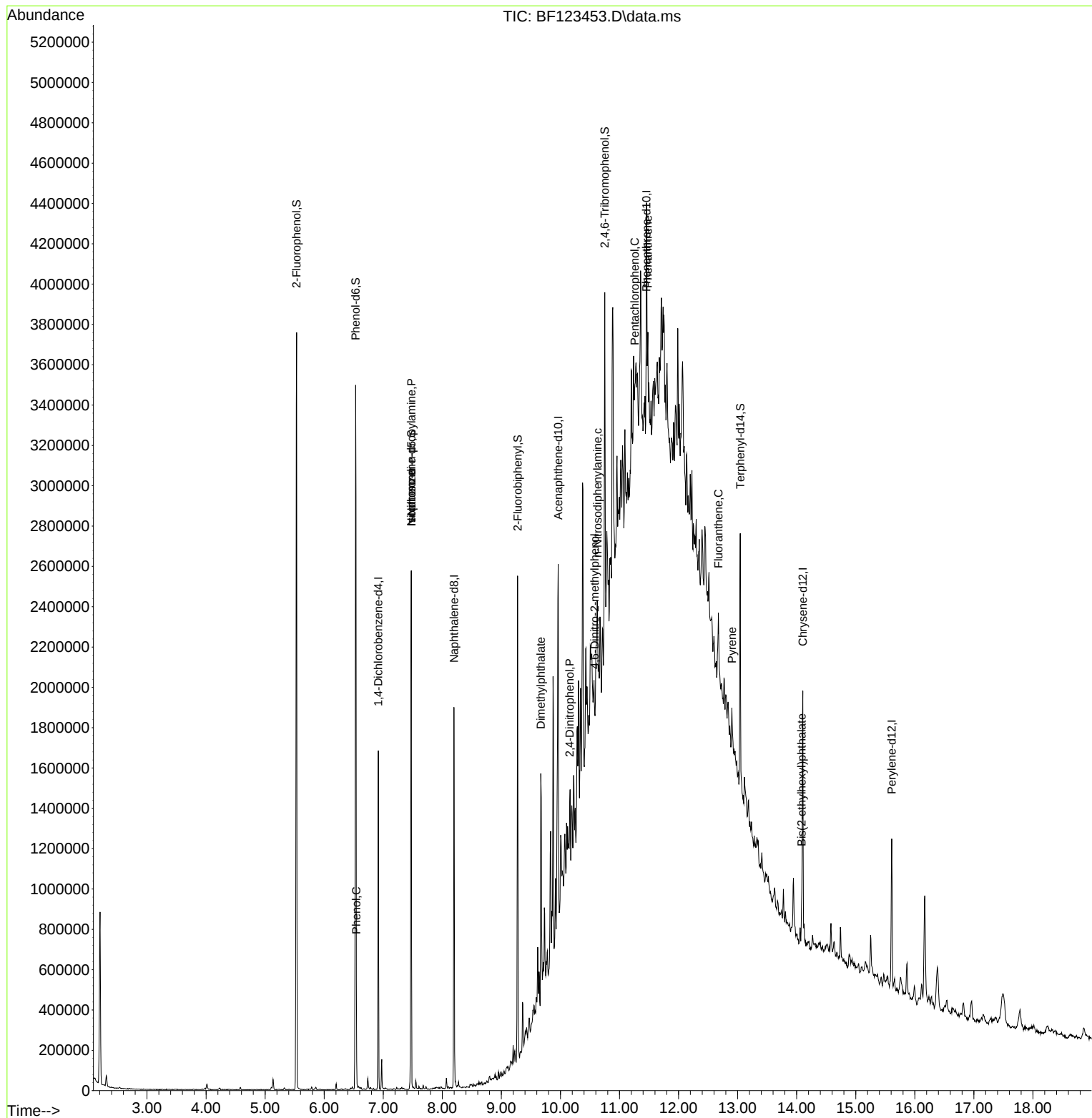
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	217804	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	724123	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	310969	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	409613	20.00	ng	# 0.00
76) Chrysene-d12	14.104	240	432594	20.00	ng	0.00
86) Perylene-d12	15.609	264	364961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	925856	69.54	ng	0.00
7) Phenol-d6	6.533	99	1100572	62.10	ng	0.00
23) Nitrobenzene-d5	7.475	82	707664	52.74	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	195174	56.14	ng	0.00
45) 2-Fluorobiphenyl	9.274	172	627902	28.85	ng	0.00
79) Terphenyl-d14	13.045	244	390208	15.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	1136	Below Cal	#	63
10) Phenol	6.545	94	50477	2.77 ng		98
19) n-Nitroso-di-n-propyla...	7.475	70	95528	8.33 ng	#	81
25) Isophorone	7.475	82	703700	24.40 ng	#	65
50) Dimethylphthalate	9.669	163	47331	2.14 ng	#	73
54) 2,4-Dinitrophenol	10.157	184	1068	9.08 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.580	198	2709	6.22 ng	#	1
66) n-Nitrosodiphenylamine	10.627	169	38174	2.78 ng	#	43
70) Pentachlorophenol	11.257	266	9023	2.83 ng		94
71) Phenanthrene	11.480	178	111770	4.94 ng	#	87
75) Fluoranthene	12.674	202	98320	4.01 ng		94
78) Pyrene	12.904	202	84705	2.27 ng		96
84) Bis(2-ethylhexyl)phtha...	14.086	149	41295	2.27 ng	#	96

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

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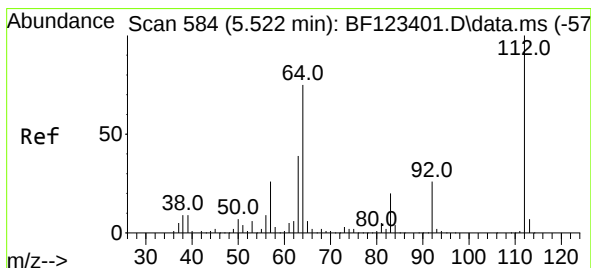
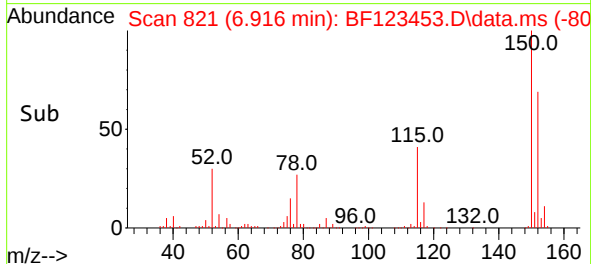
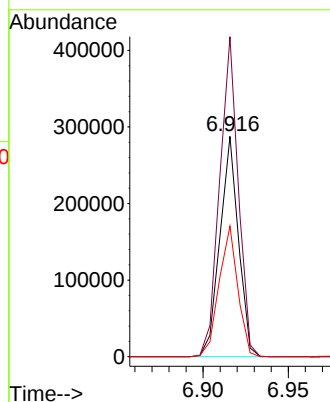
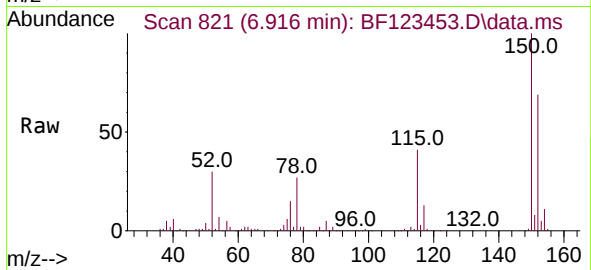




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

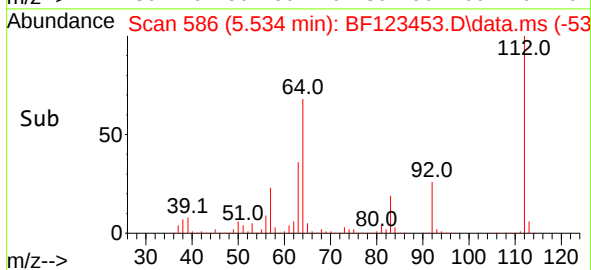
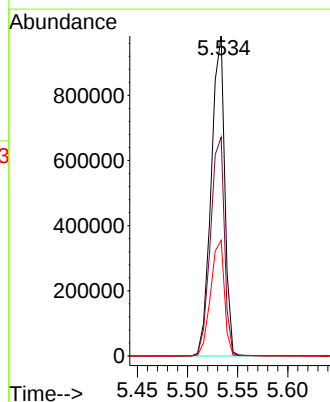
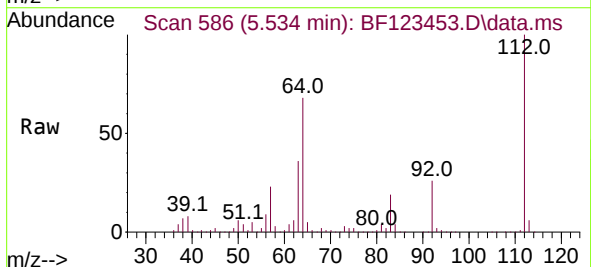
Instrument :
BNA_F
ClientSampleId :
11979

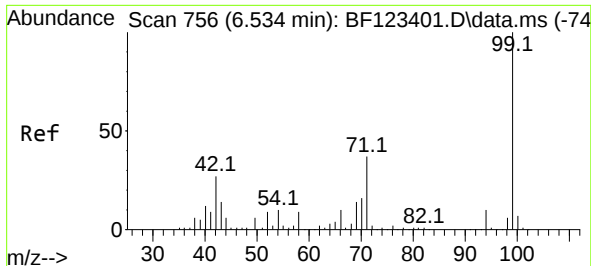
Tgt Ion:152 Resp: 217804
Ion Ratio Lower Upper
152 100
150 145.2 125.8 188.6
115 59.3 49.3 73.9



#5
2-Fluorophenol
Concen: 69.54 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:112 Resp: 925856
Ion Ratio Lower Upper
112 100
64 68.3 46.9 70.3
63 36.1 24.5 36.7

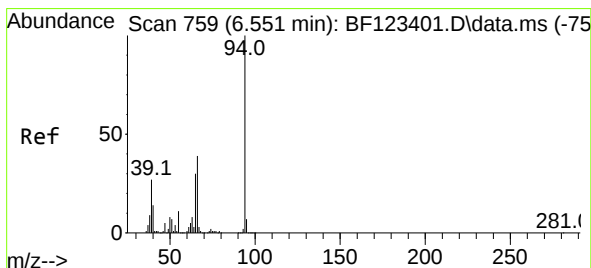
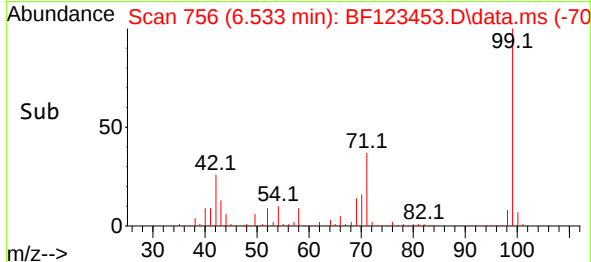
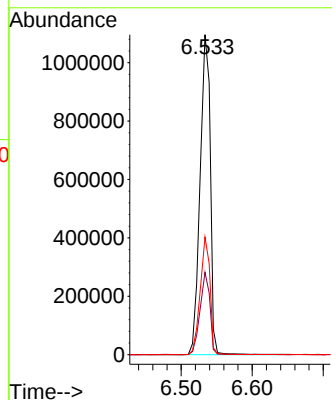
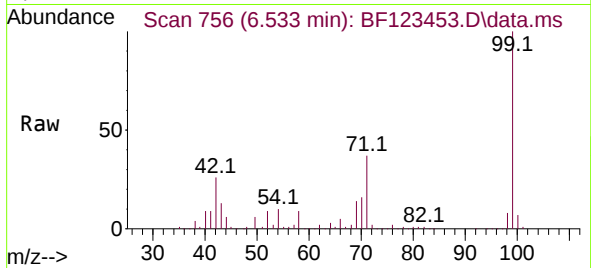




#7
Phenol-d6
Concen: 62.10 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

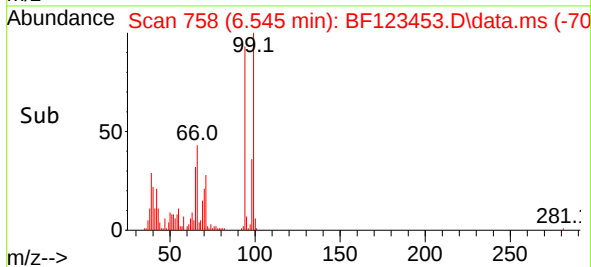
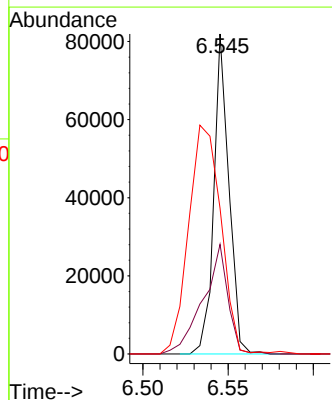
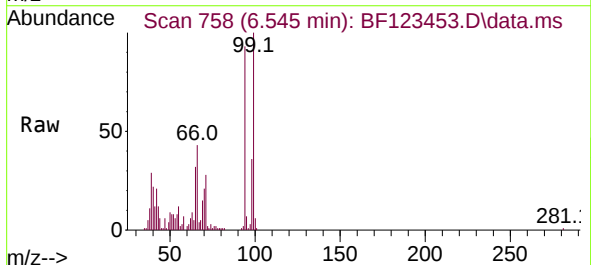
Instrument :
BNA_F
ClientSampleId :
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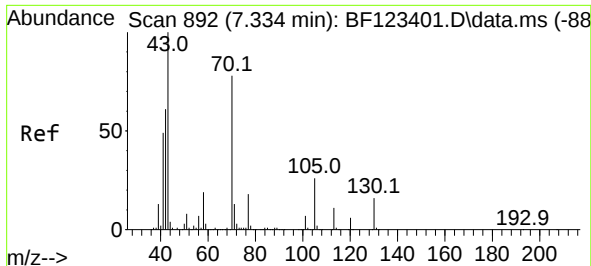
Tgt Ion: 99 Resp: 1100572
Ion Ratio Lower Upper
99 100
42 25.7 13.8 20.6#
71 36.7 26.9 40.3



#10
Phenol
Concen: 2.77 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

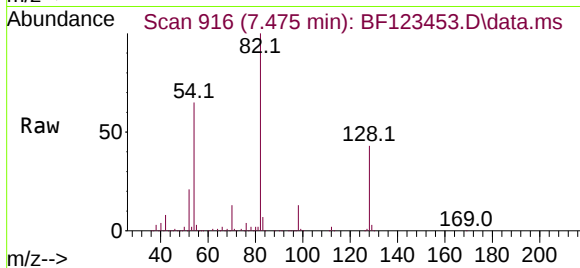
Tgt Ion: 94 Resp: 50477
Ion Ratio Lower Upper
94 100
65 34.3 11.2 51.2
66 45.6 25.8 65.8



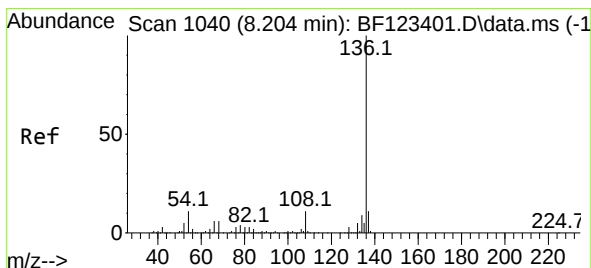
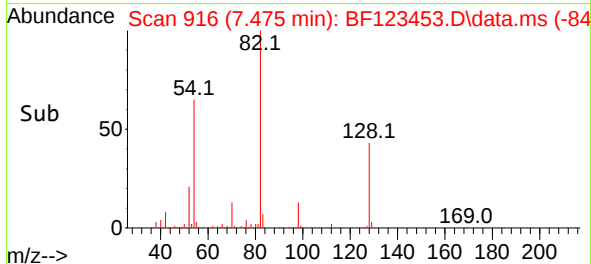
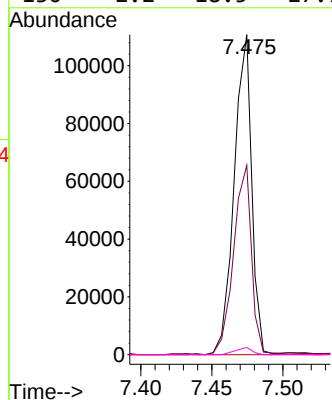


#19
n-Nitroso-di-n-propylamine
Concen: 8.33 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Instrument :
BNA_F
ClientSampleId :
11979

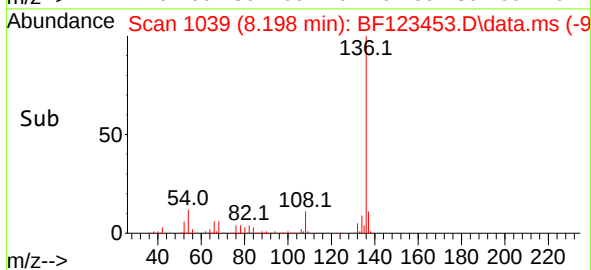
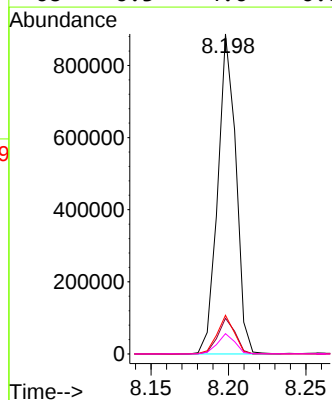
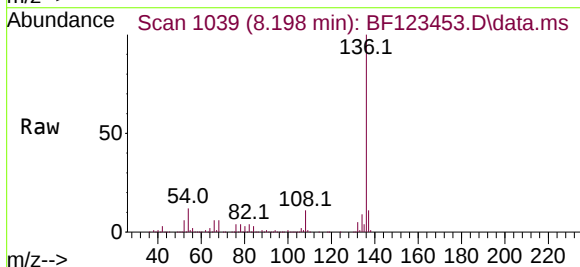


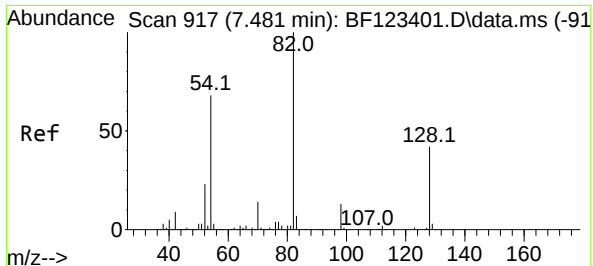
Tgt Ion: 70 Resp: 95528
Ion Ratio Lower Upper
70 100
42 59.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion: 136 Resp: 724123
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 12.1 5.5 8.3#
68 6.3 4.6 6.8

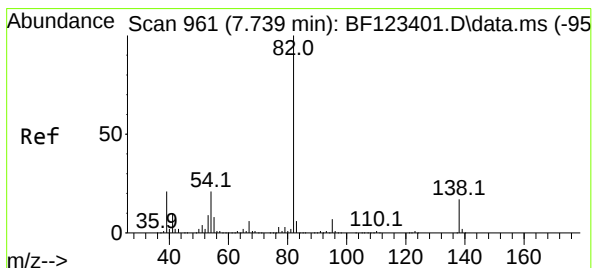
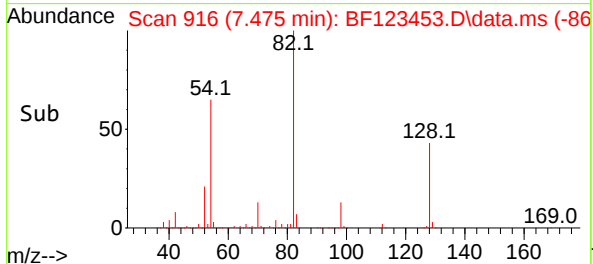
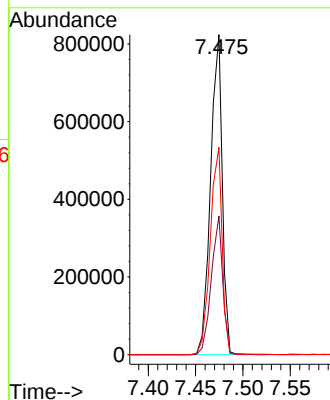
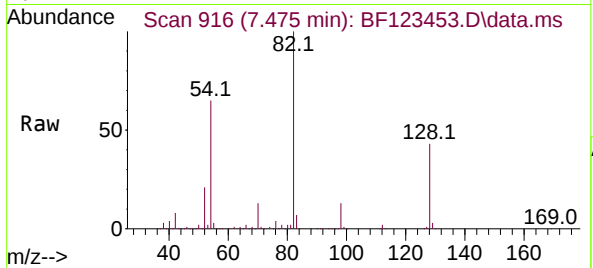




#23
Nitrobenzene-d5
Concen: 52.74 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

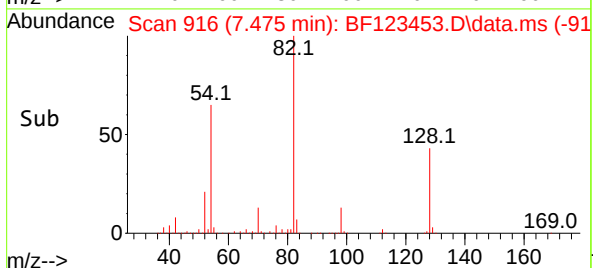
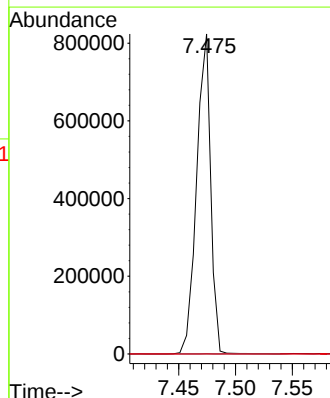
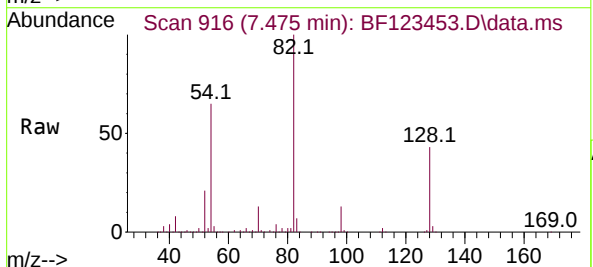
Instrument :
BNA_F
ClientSampleId :
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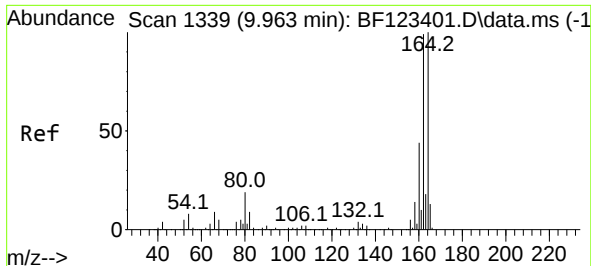
Tgt Ion: 82 Resp: 707664
Ion Ratio Lower Upper
82 100
128 43.3 37.0 55.4
54 64.8 38.4 57.6#



#25
Isophorone
Concen: 24.40 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion: 82 Resp: 703700
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

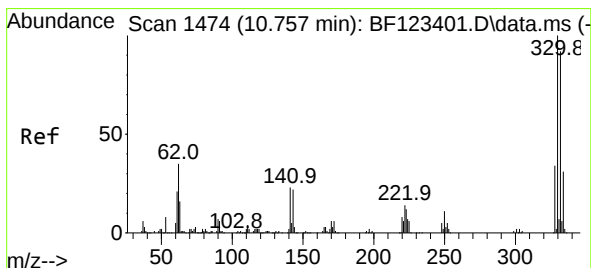
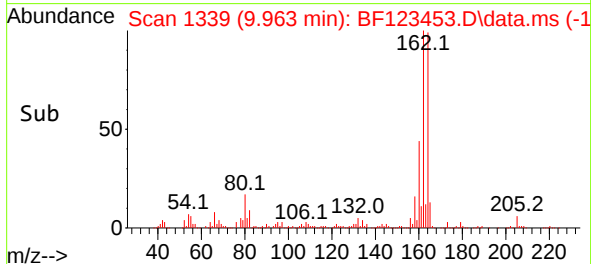
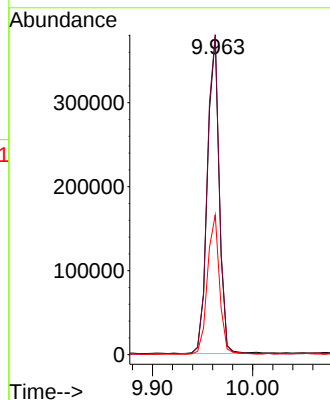
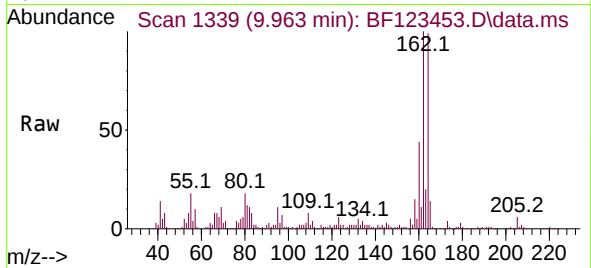




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

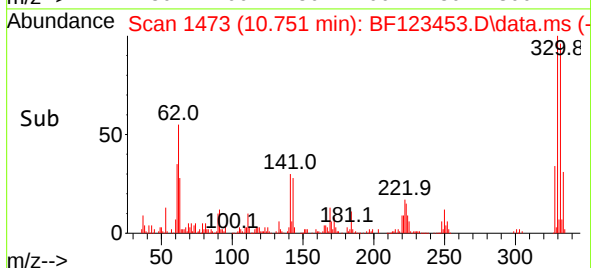
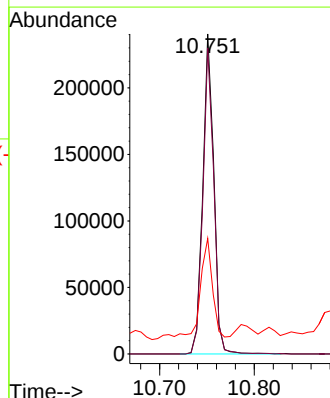
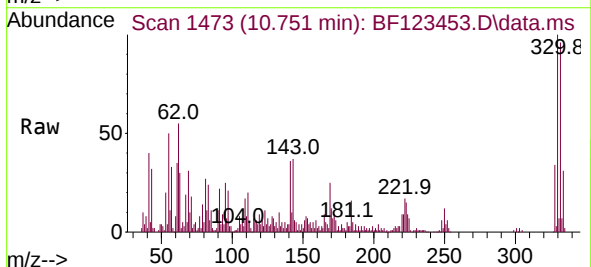
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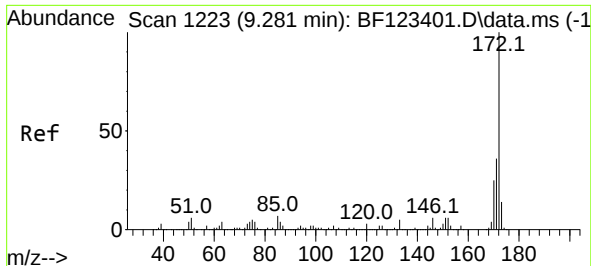
Tgt Ion:164 Resp: 310969
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 56.14 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:330 Resp: 195174
Ion Ratio Lower Upper
330 100
332 94.8 77.5 116.3
141 32.2 23.8 35.8

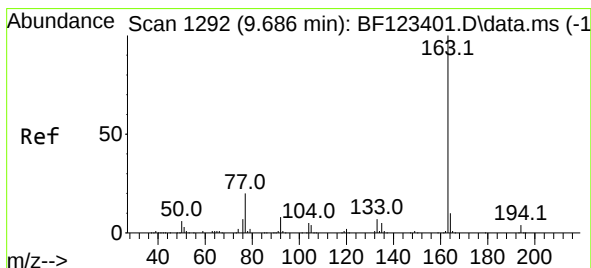
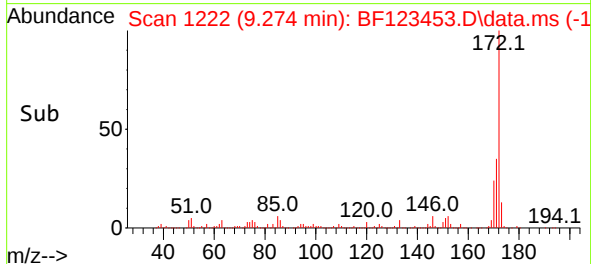
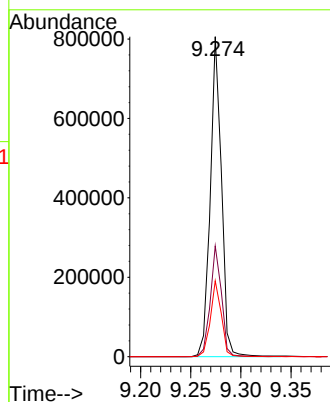
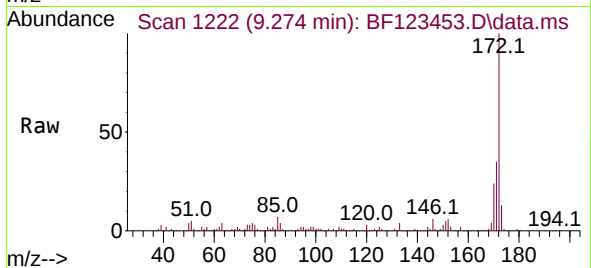




#45
2-Fluorobiphenyl
Concen: 28.85 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

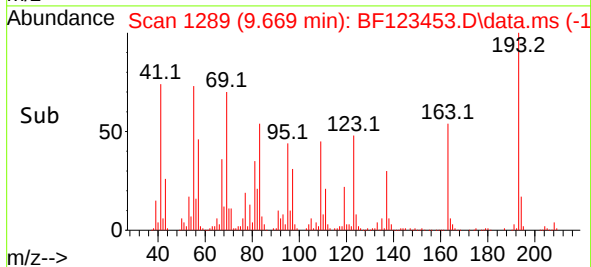
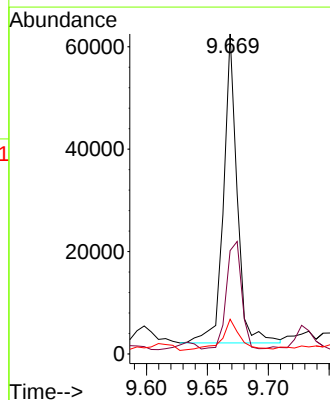
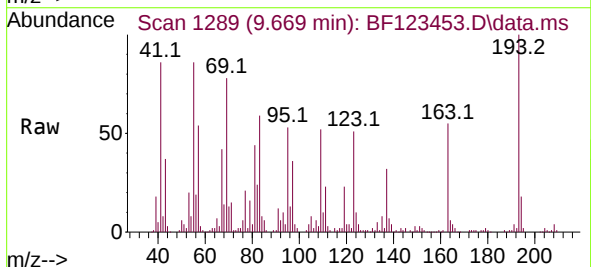
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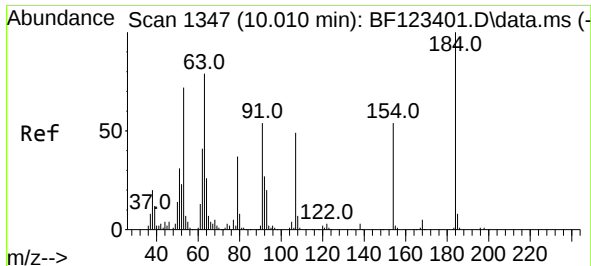
Tgt Ion:172 Resp: 627902
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.14 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:163 Resp: 47331
Ion Ratio Lower Upper
163 100
194 32.3 3.4 5.0#
164 10.9 8.1 12.1

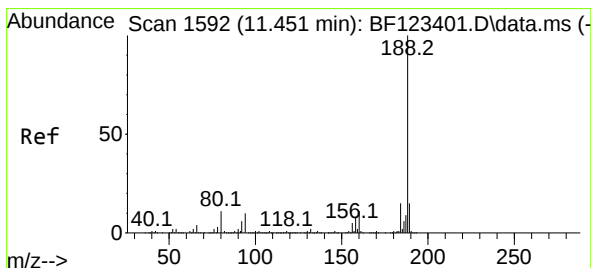
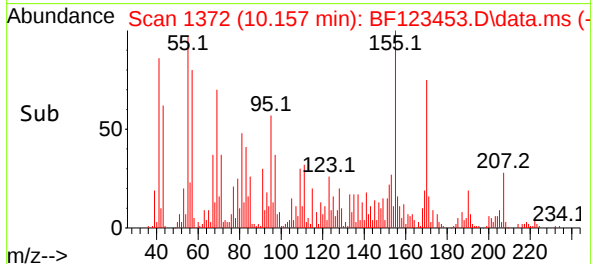
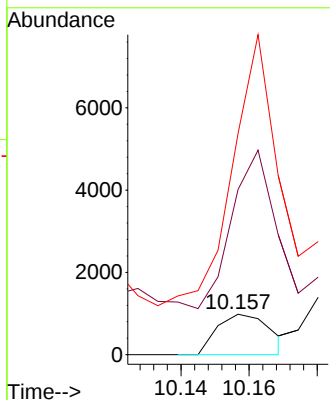
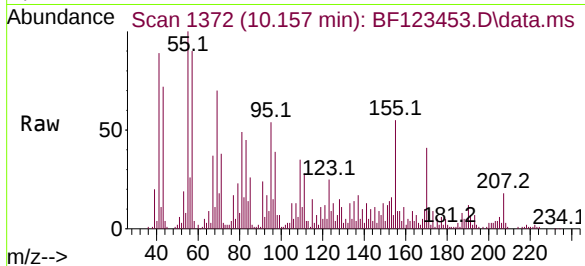




#54
2,4-Dinitrophenol
Concen: 9.08 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.141 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

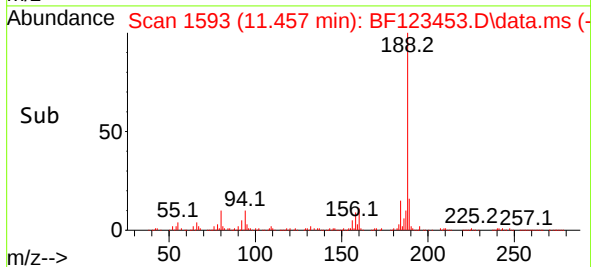
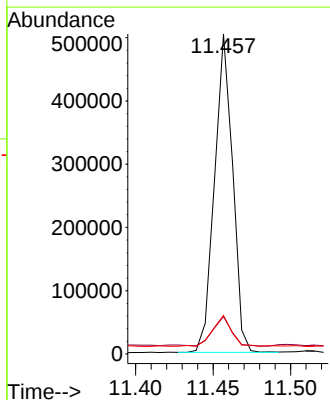
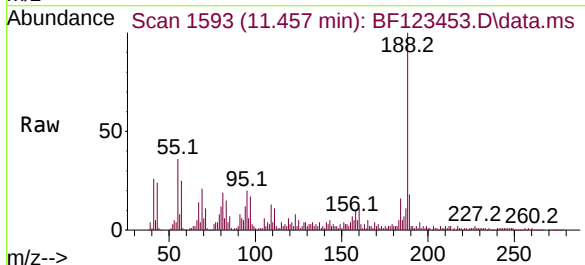
Instrument :
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11979

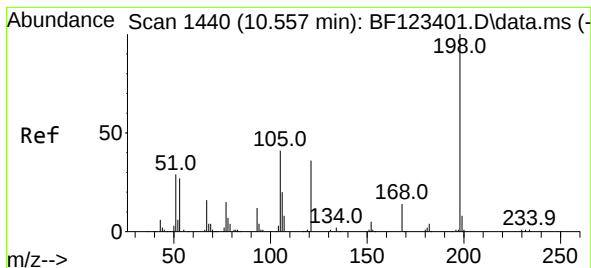
Tgt Ion:184 Resp: 1068
Ion Ratio Lower Upper
184 100
63 407.1 51.4 77.2#
154 545.0 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.457 min Scan# 1593
Delta R.T. 0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:188 Resp: 409613
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.1 8.2 12.4

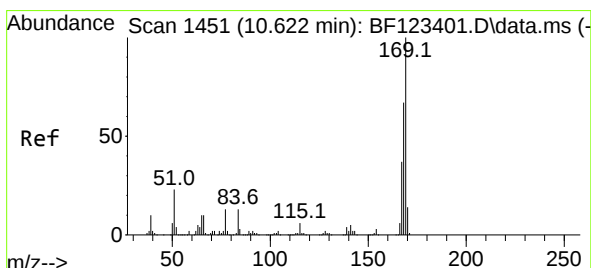
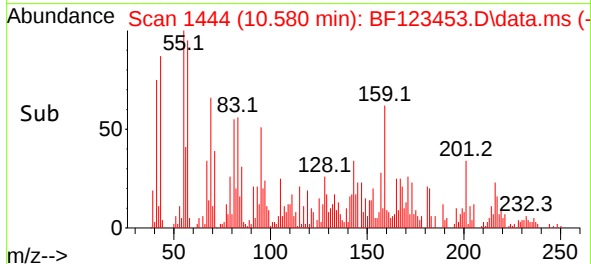
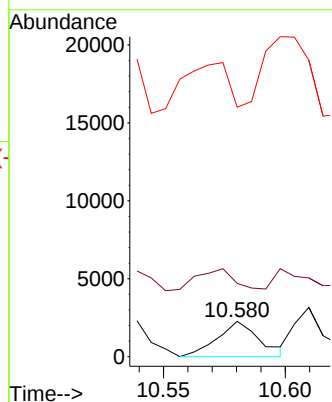
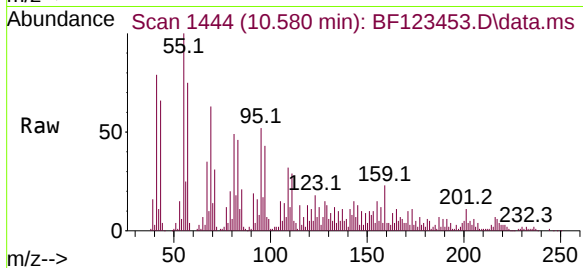




#65
4,6-Dinitro-2-methylphenol
Concen: 6.22 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.023 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

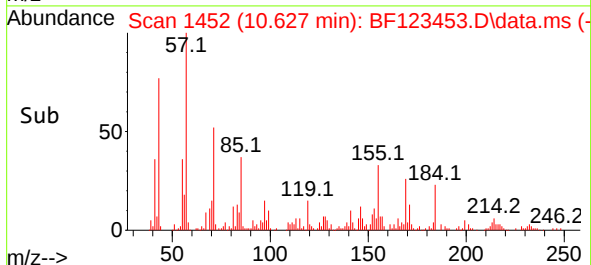
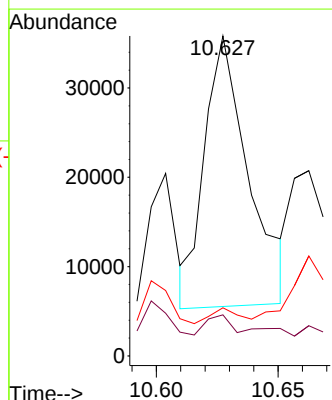
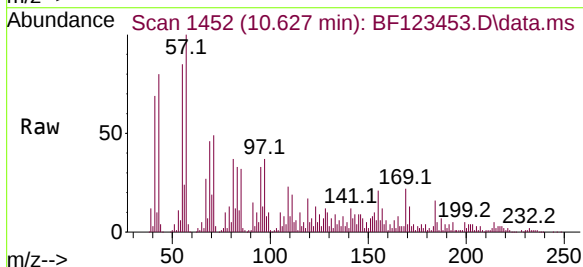
Instrument :
BNA_F
ClientSampled :
11979

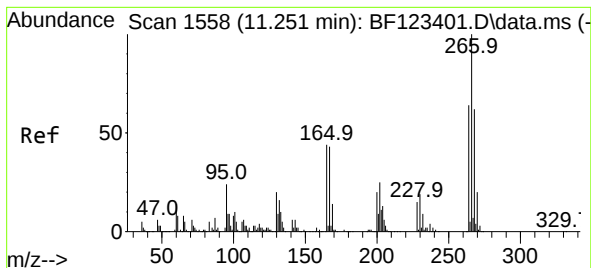
Tgt Ion:198 Resp: 2709
Ion Ratio Lower Upper
198 100
51 207.5 20.3 60.3#
105 706.7 23.0 63.0#



#66
n-Nitrosodiphenylamine
Concen: 2.78 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:169 Resp: 38174
Ion Ratio Lower Upper
169 100
168 12.8 54.2 81.2#
167 15.0 29.2 43.8#

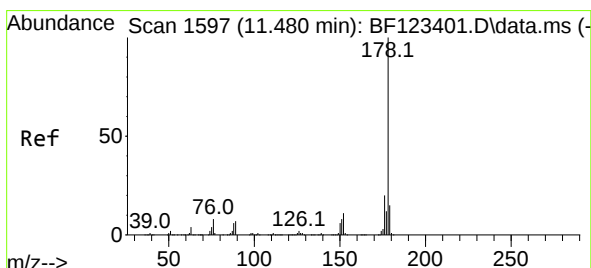
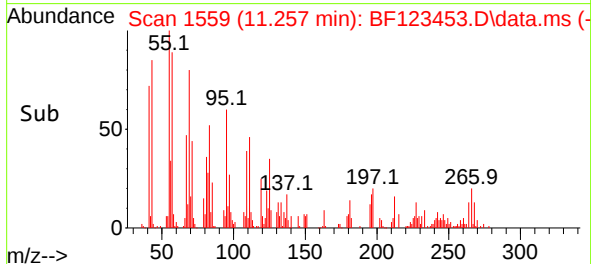
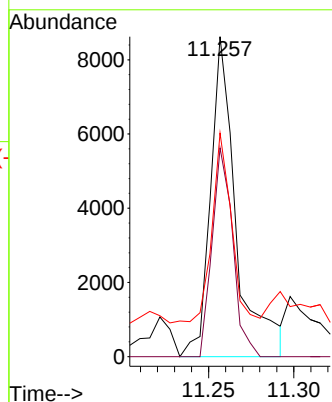
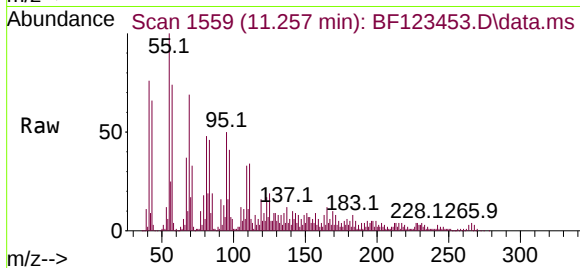




#70
Pentachlorophenol
Concen: 2.83 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

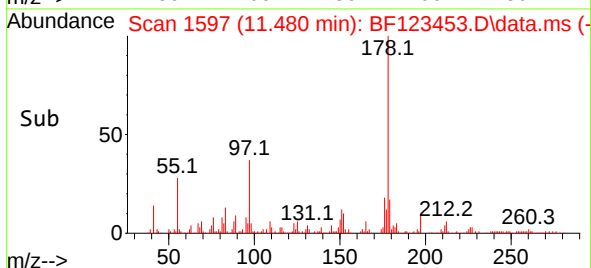
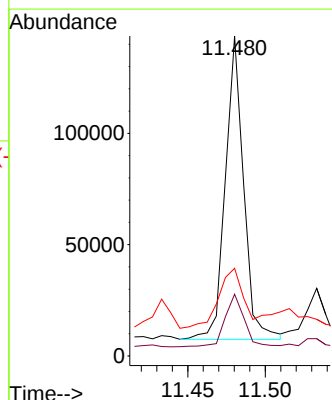
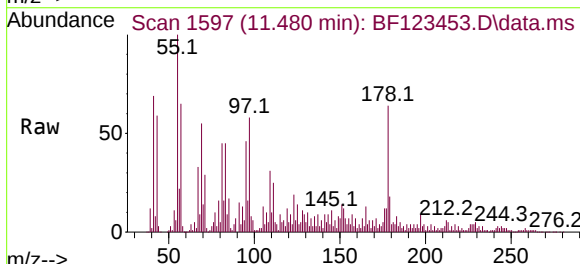
Instrument :
BNA_F
ClientSampled :
11979

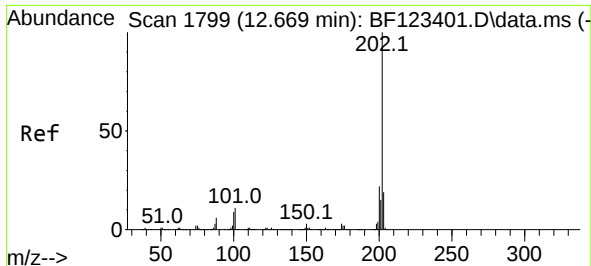
Tgt Ion:266 Resp: 9023
Ion Ratio Lower Upper
266 100
268 65.3 50.5 75.7
264 69.9 49.8 74.8



#71
Phenanthrene
Concen: 4.94 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:178 Resp: 111770
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 27.4 12.7 19.1#

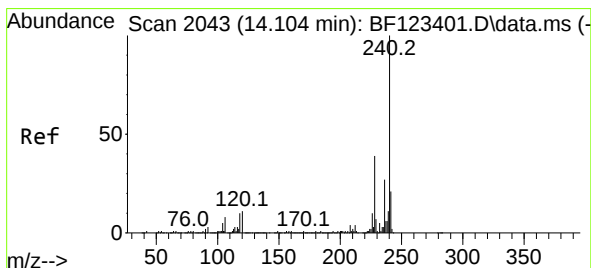
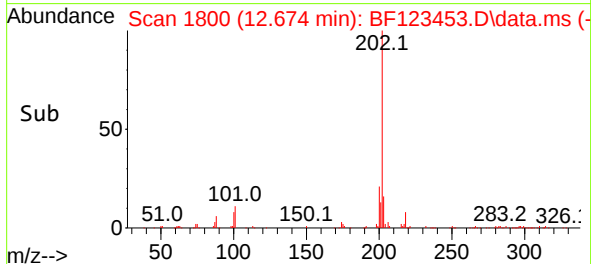
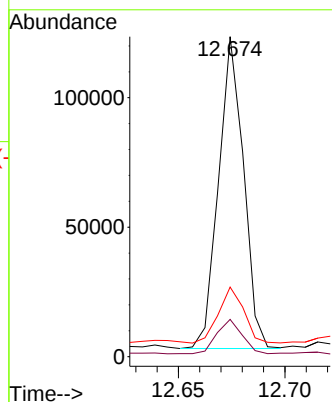
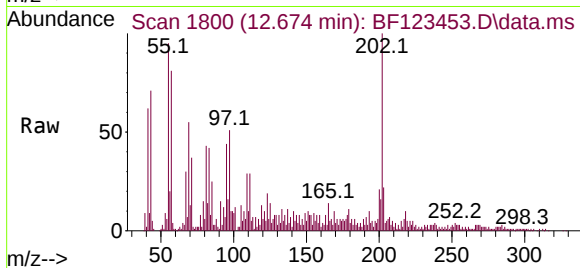




#75
Fluoranthene
Concen: 4.01 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

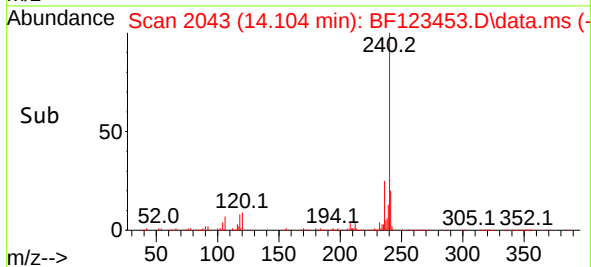
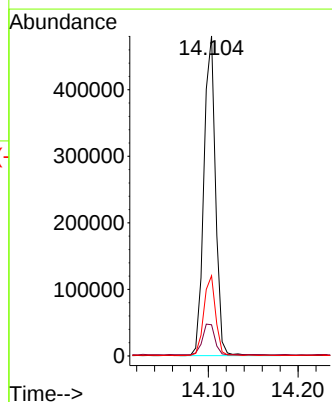
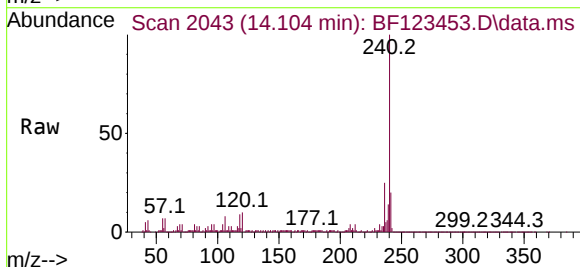
Instrument :
BNA_F
ClientSampled :
11979

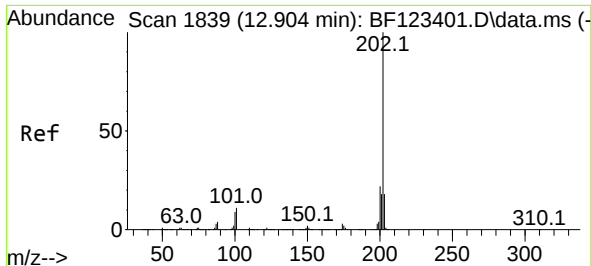
Tgt Ion:202 Resp: 98320
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 21.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:240 Resp: 432594
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 25.1 20.3 30.5

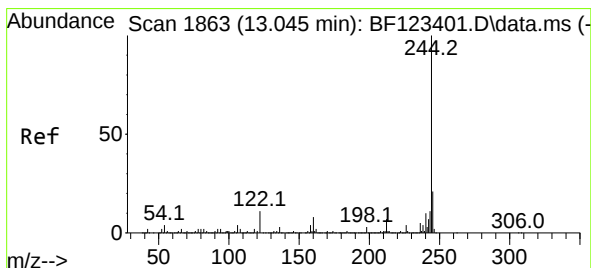
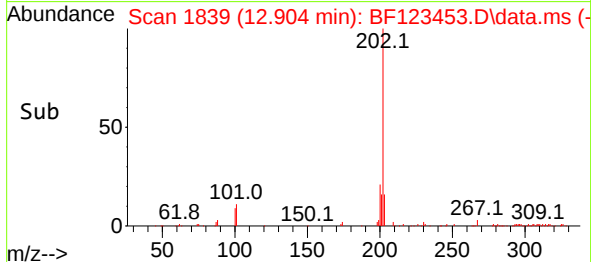
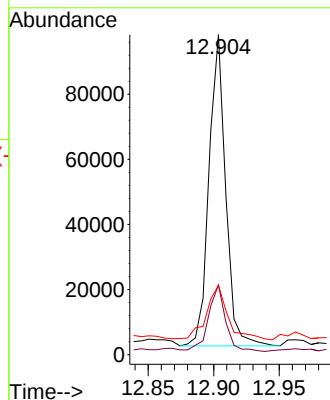
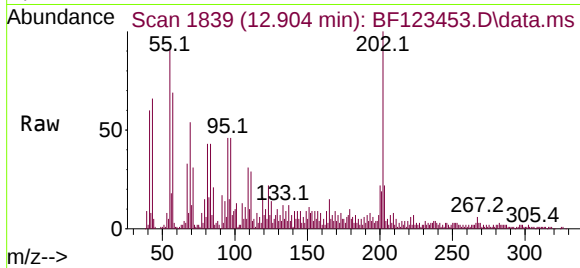




#78
Pyrene
Concen: 2.27 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

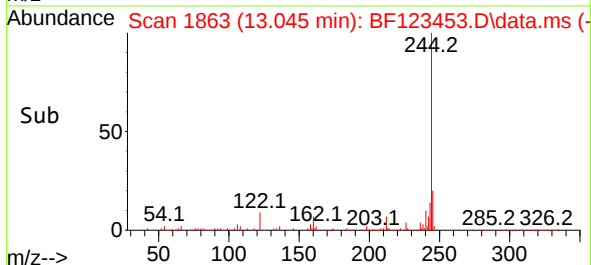
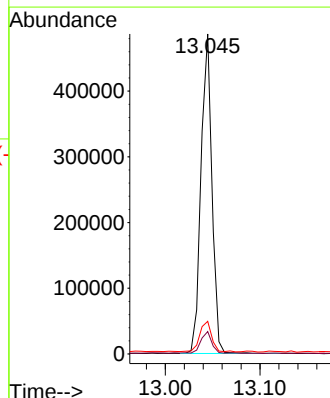
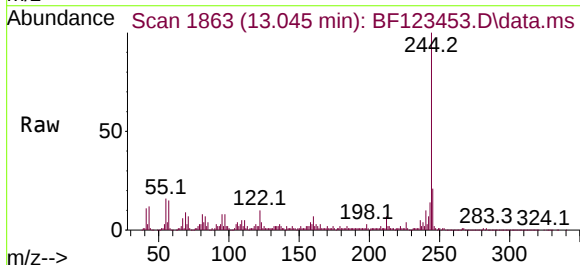
Instrument :
BNA_F
ClientSampleId :
11979

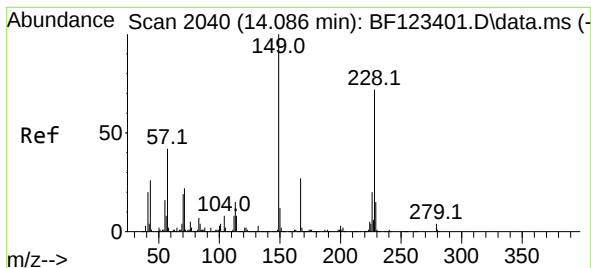
Tgt Ion:	202	Resp:	84705
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	21.7	14.6	21.8



#79
Terphenyl-d14
Concen: 15.29 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:	244	Resp:	390208
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	10.2	8.3	12.5

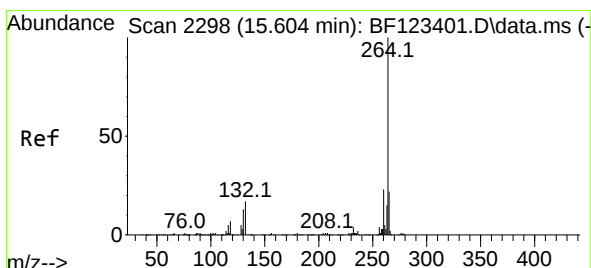
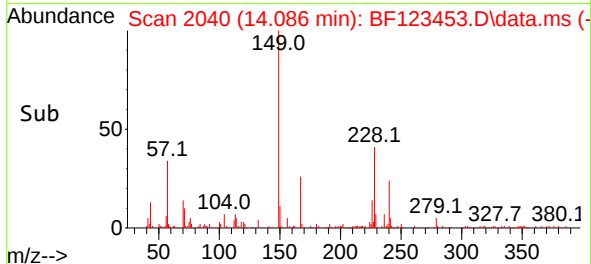
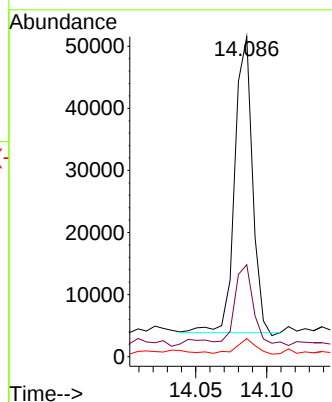
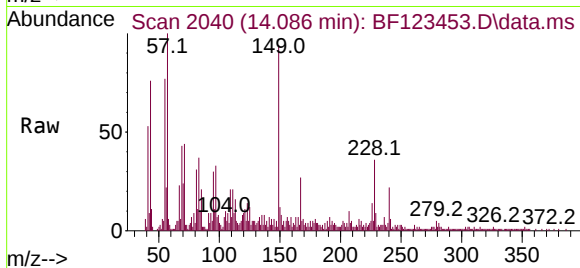




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.27 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Instrument :
BNA_F
ClientSampleId :
11979

Tgt Ion:149 Resp: 41295
Ion Ratio Lower Upper
149 100
167 28.8 21.4 32.2
279 5.7 3.4 5.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BF123453.D
Acq: 24 Mar 2021 22:38

Tgt Ion:264 Resp: 364961
Ion Ratio Lower Upper
264 100
260 22.0 18.6 28.0
265 21.0 17.0 25.6

