

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123472.D
 Acq On : 25 Mar 2021 20:56
 Operator : JU/CG
 Sample : M1775-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11979

Quant Time: Mar 26 00:39:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

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

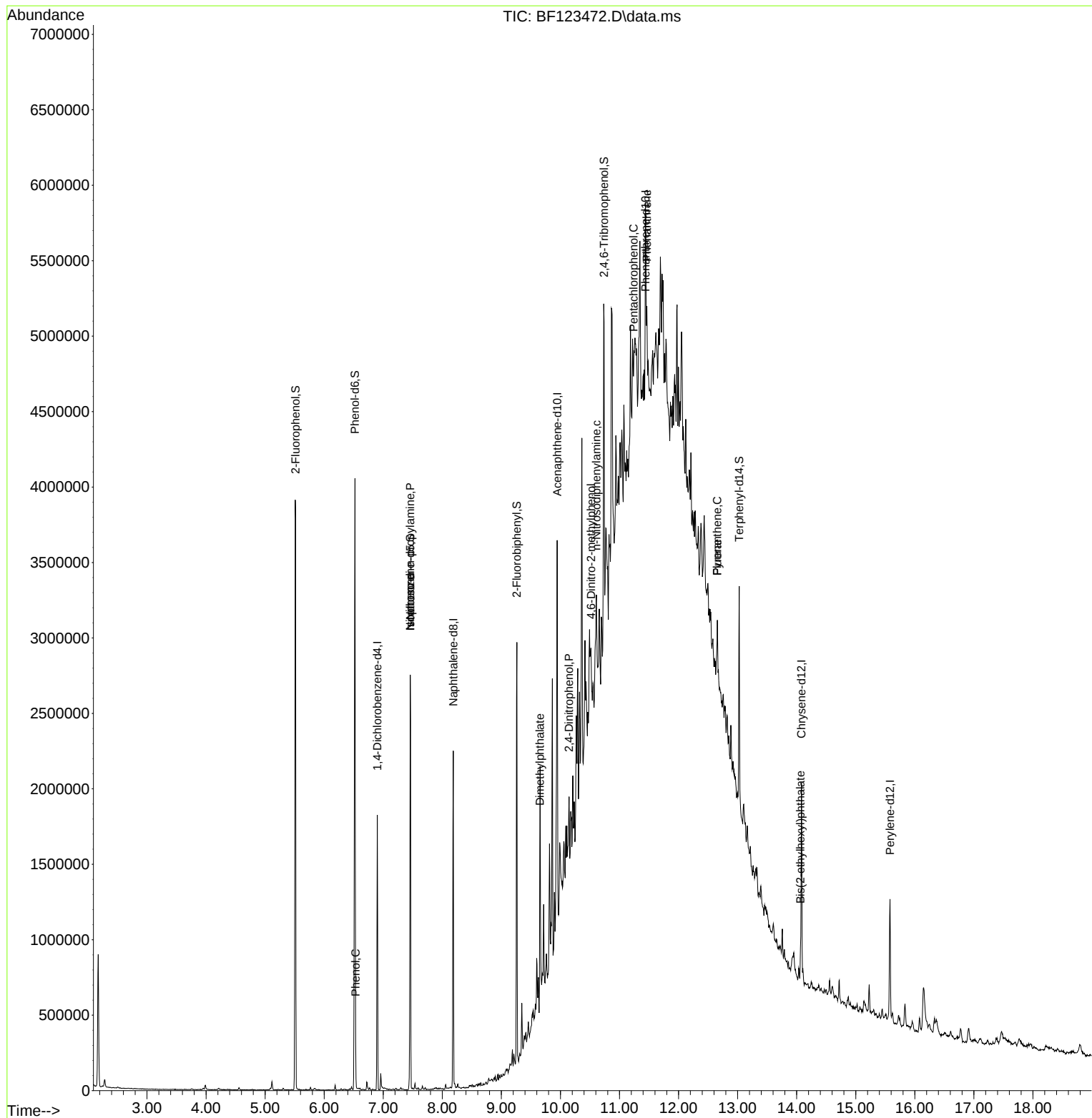
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	239638	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	857284	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	431949	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	563422	20.00	ng	# 0.00
76) Chrysene-d12	14.080	240	438607	20.00	ng	0.00
86) Perylene-d12	15.580	264	386700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1008650	68.86	ng	0.00
7) Phenol-d6	6.522	99	1255152	64.37	ng	0.00
23) Nitrobenzene-d5	7.457	82	825589	51.98	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	286351	59.30	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	789904	26.13	ng	0.00
79) Terphenyl-d14	13.027	244	462941	17.89	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	846	Below Cal	#	77
10) Phenol	6.534	94	58550	2.93	ng	92
19) n-Nitroso-di-n-propyla...	7.457	70	111742	8.86	ng	# 78
25) Isophorone	7.457	82	825164	24.16	ng	# 65
50) Dimethylphthalate	9.651	163	63668	2.08	ng	# 78
54) 2,4-Dinitrophenol	10.145	184	1686	9.14	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.522	198	2792	5.95	ng	# 1
66) n-Nitrosodiphenylamine	10.610	169	53362	2.83	ng	# 39
70) Pentachlorophenol	11.239	266	13714	3.13	ng	94
71) Phenanthrene	11.463	178	149186	4.79	ng	# 82
75) Fluoranthene	12.657	202	122939	3.65	ng	95
78) Pyrene	12.657	202	122939	3.25	ng	94
84) Bis(2-ethylhexyl)phtha...	14.063	149	43359	2.35	ng	98

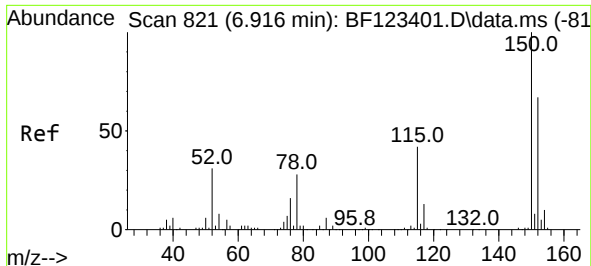
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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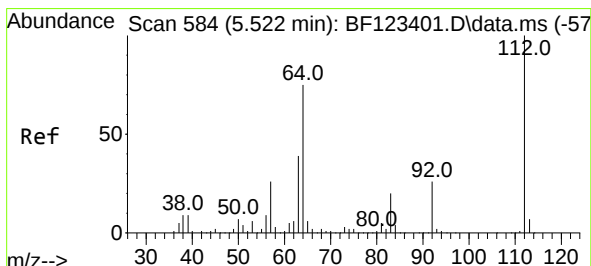
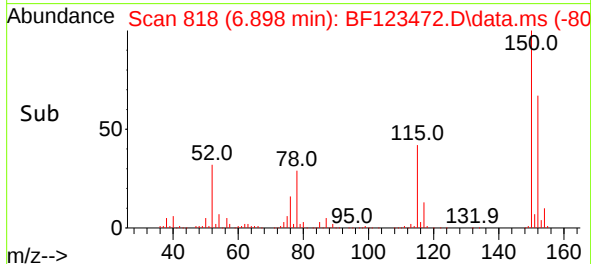
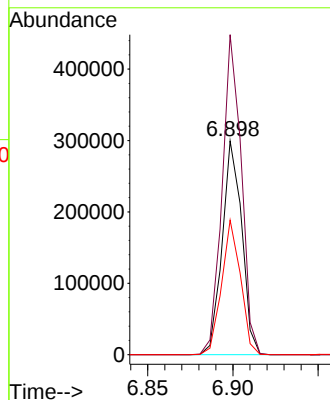
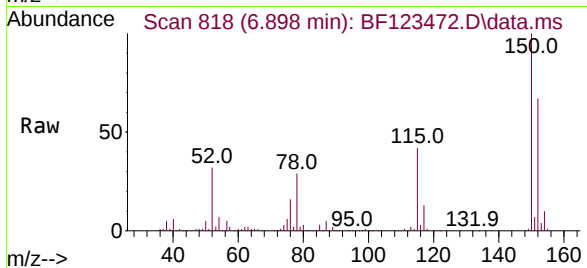




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

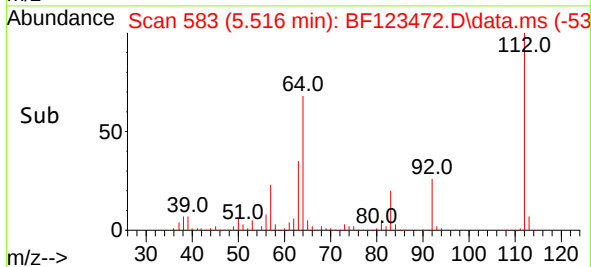
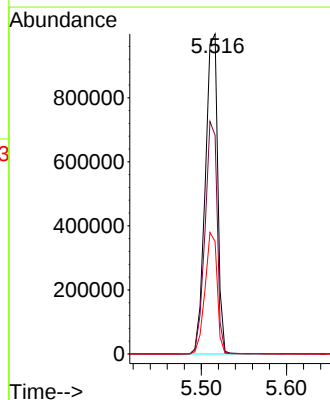
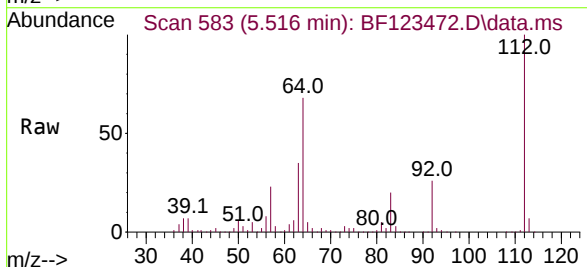
Instrument :
BNA_F
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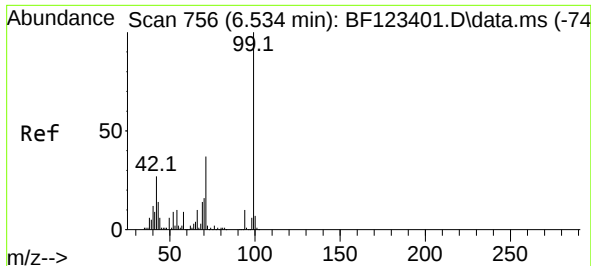
Tgt Ion:152 Resp: 239638
Ion Ratio Lower Upper
152 100
150 149.7 125.8 188.6
115 63.0 49.3 73.9



#5
2-Fluorophenol
Concen: 68.86 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:112 Resp: 1008650
Ion Ratio Lower Upper
112 100
64 68.3 46.9 70.3
63 35.2 24.5 36.7

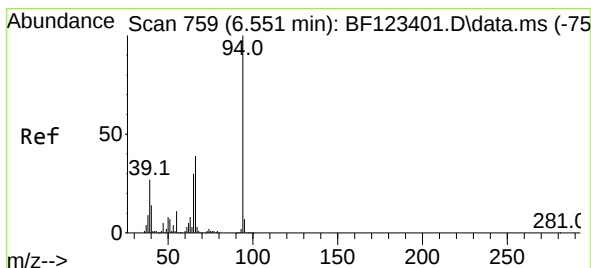
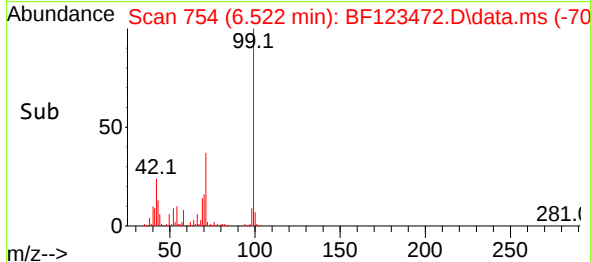
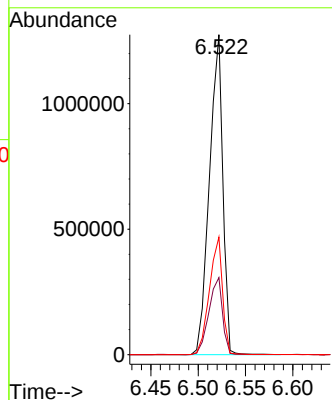
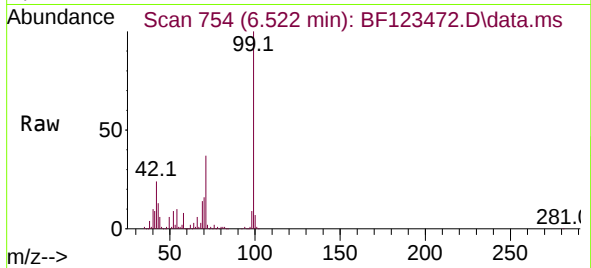




#7
Phenol-d6
Concen: 64.37 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

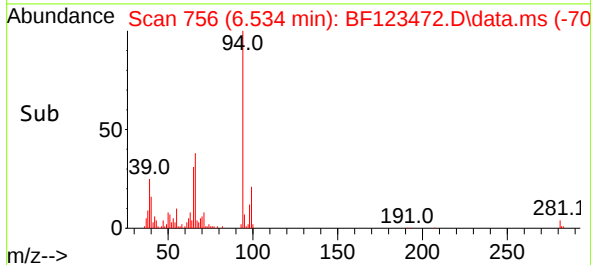
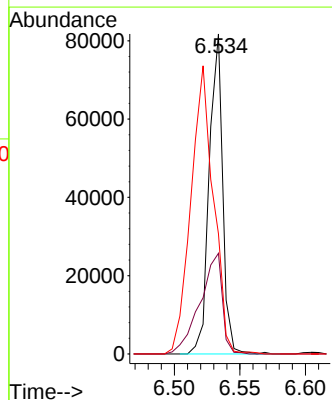
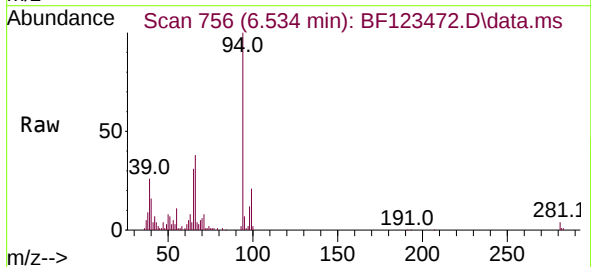
Instrument :
BNA_F
ClientSampleId :
11979

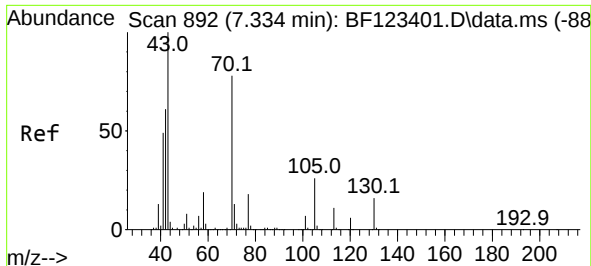
Tgt Ion: 99 Resp: 1255152
Ion Ratio Lower Upper
99 100
42 24.1 13.8 20.6#
71 36.7 26.9 40.3



#10
Phenol
Concen: 2.93 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion: 94 Resp: 58550
Ion Ratio Lower Upper
94 100
65 31.5 11.2 51.2
66 37.6 25.8 65.8

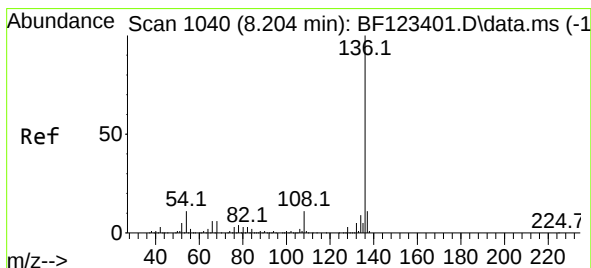
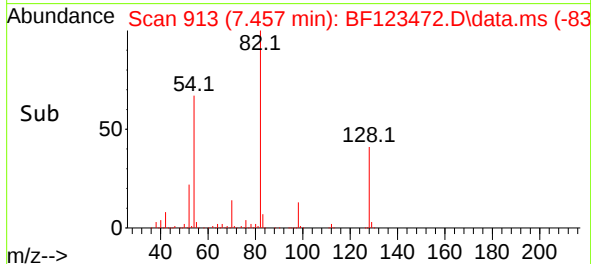
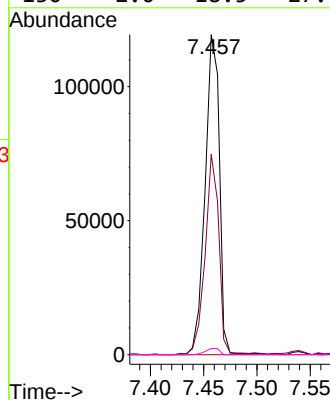
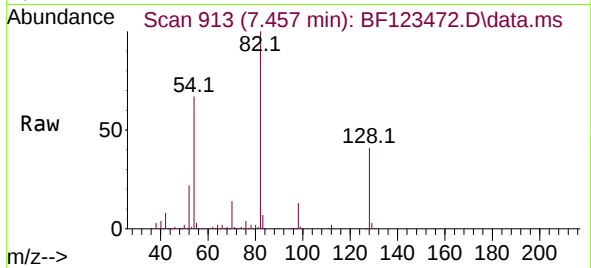




#19
n-Nitroso-di-n-propylamine
Concen: 8.86 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

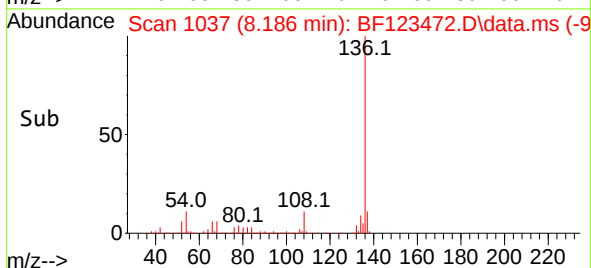
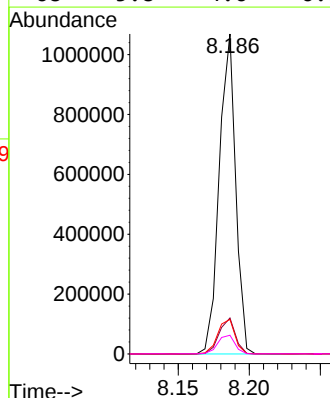
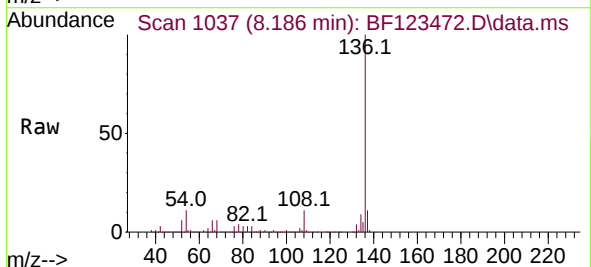
Instrument :
BNA_F
ClientSampleId :
11979

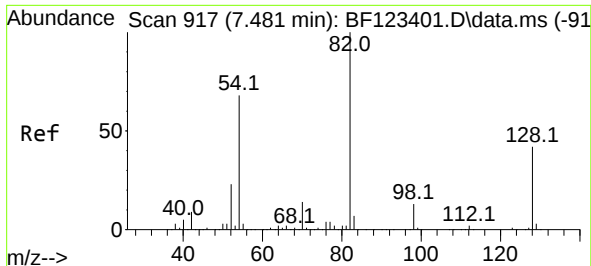
Tgt Ion:	70	Resp:	111742
Ion	Ratio	Lower	Upper
70	100		
42	62.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:	136	Resp:	857284
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.8	5.5	8.3#
68	5.8	4.6	6.8

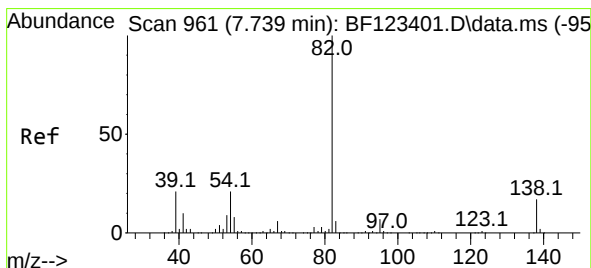
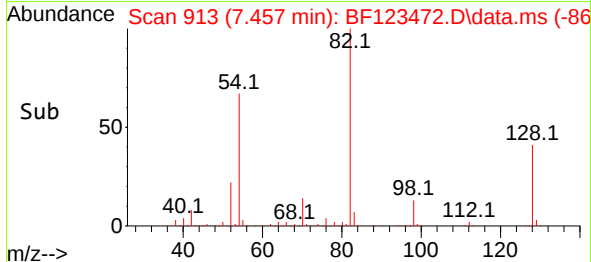
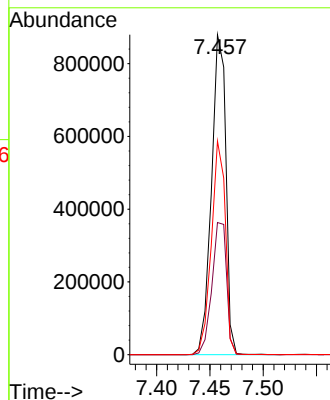
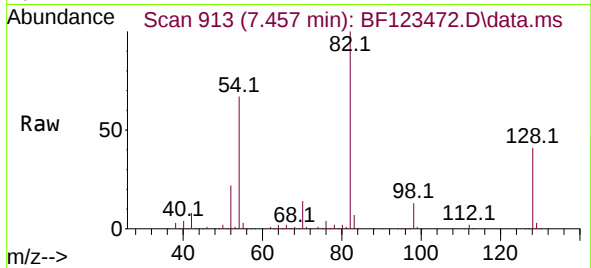




#23
Nitrobenzene-d5
Concen: 51.98 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

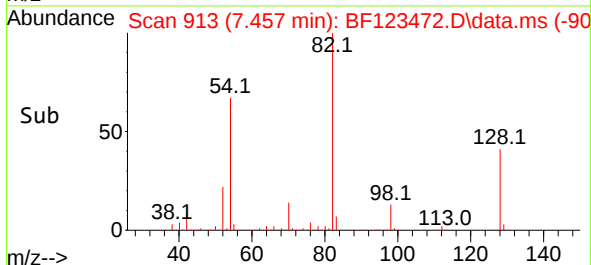
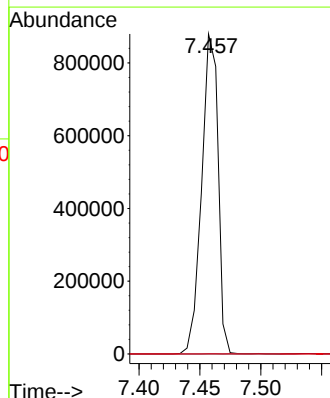
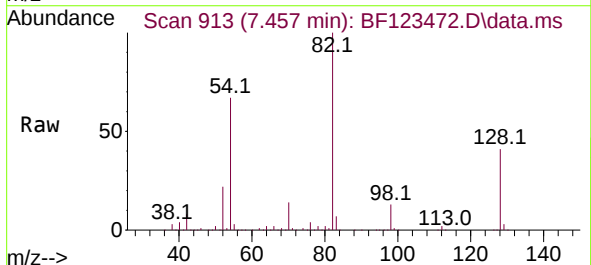
Instrument :
BNA_F
ClientSampleId :
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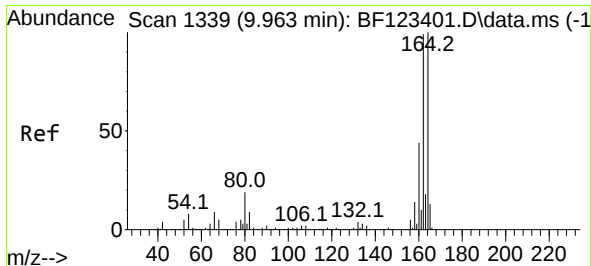
Tgt Ion: 82 Resp: 825589
Ion Ratio Lower Upper
82 100
128 41.3 37.0 55.4
54 66.7 38.4 57.6#



#25
Isophorone
Concen: 24.16 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion: 82 Resp: 825164
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BF123472.D

Acq: 25 Mar 2021 20:56

Instrument :

BNA_F

ClientSampleId :

11979

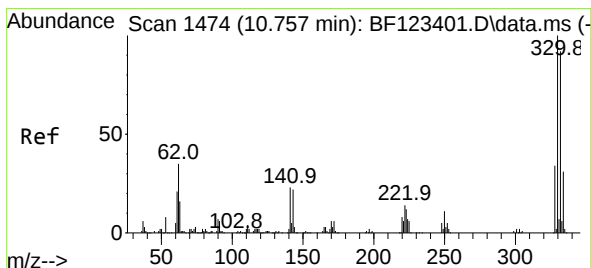
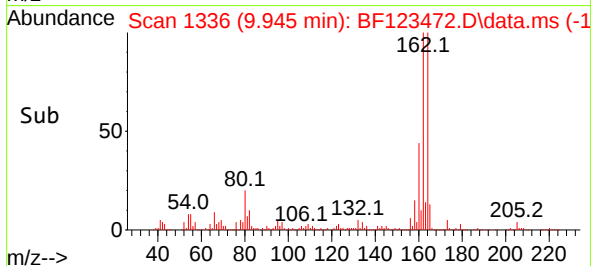
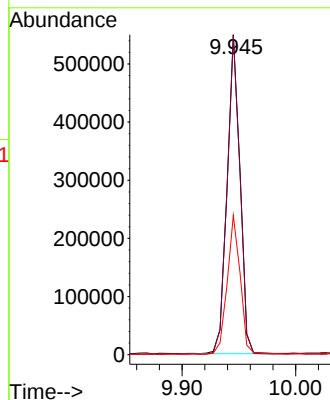
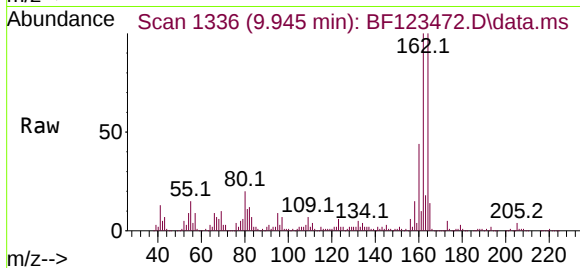
Tgt Ion:164 Resp: 431949

Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

160 43.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 59.30 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.006 min

Lab File: BF123472.D

Acq: 25 Mar 2021 20:56

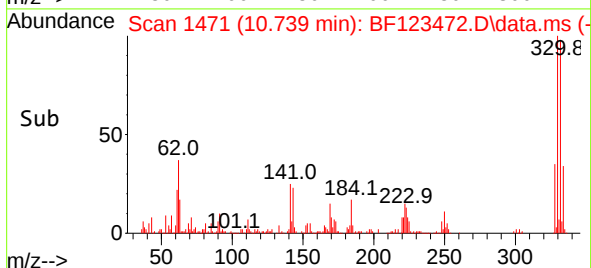
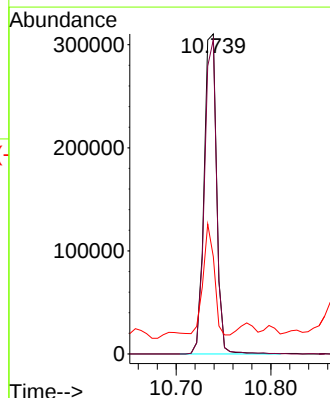
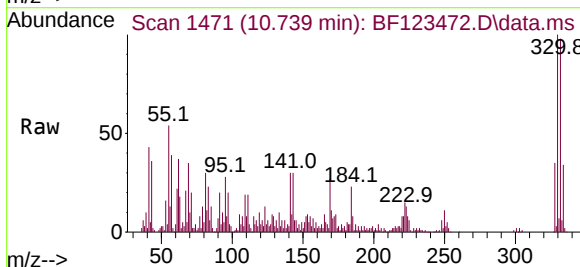
Tgt Ion:330 Resp: 286351

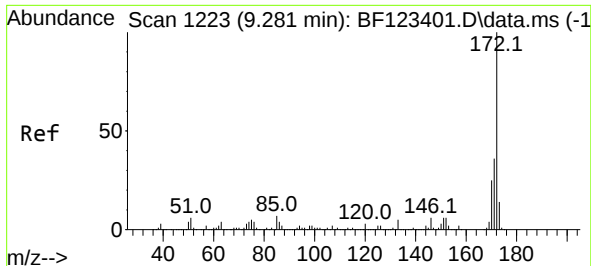
Ion Ratio Lower Upper

330 100

332 95.6 77.5 116.3

141 30.4 23.8 35.8

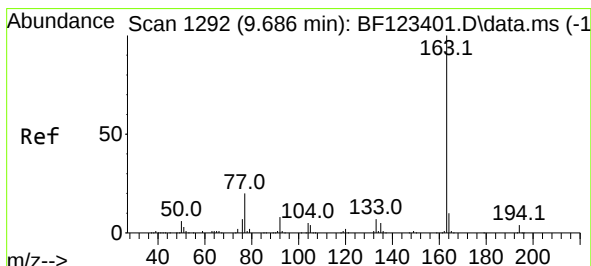
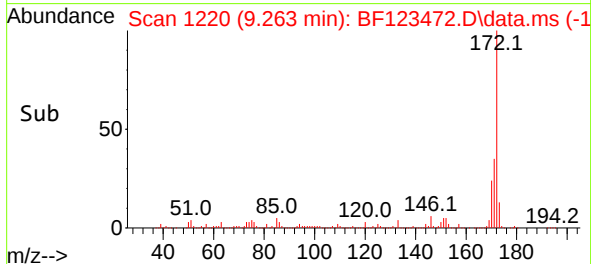
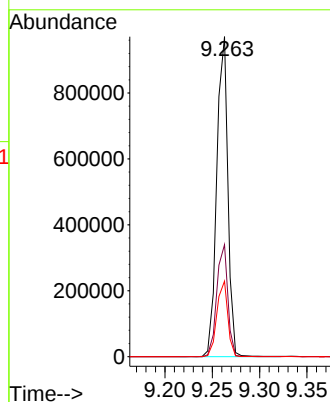
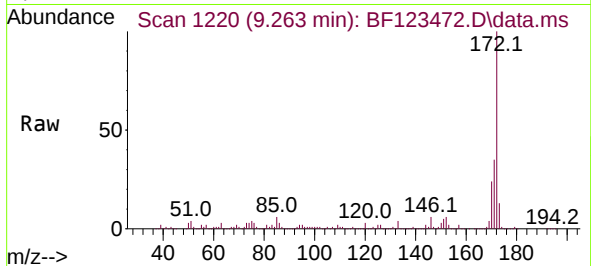




#45
2-Fluorobiphenyl
Concen: 26.13 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

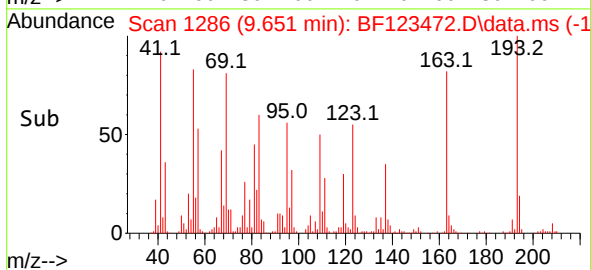
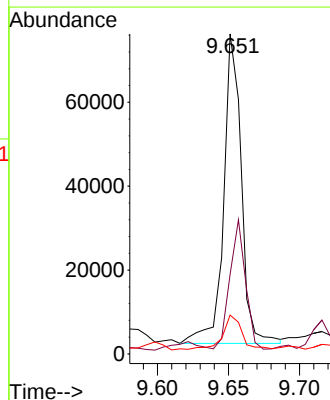
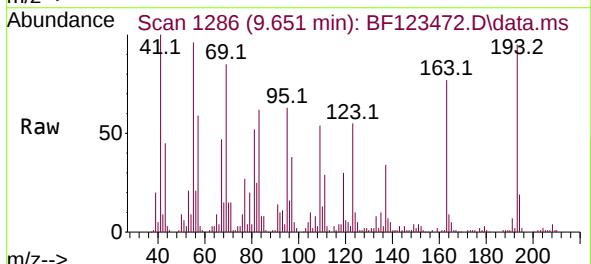
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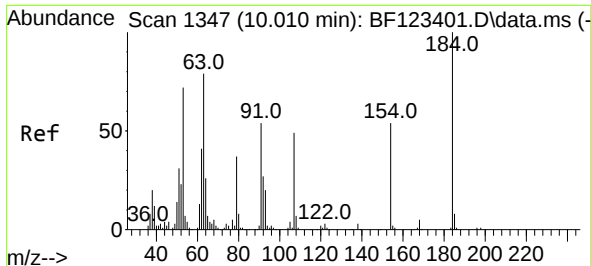
Tgt Ion:172 Resp: 789904
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.6 19.5 29.3



#50
Dimethylphthalate
Concen: 2.08 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:163 Resp: 63668
Ion Ratio Lower Upper
163 100
194 24.9 3.4 5.0#
164 12.2 8.1 12.1#

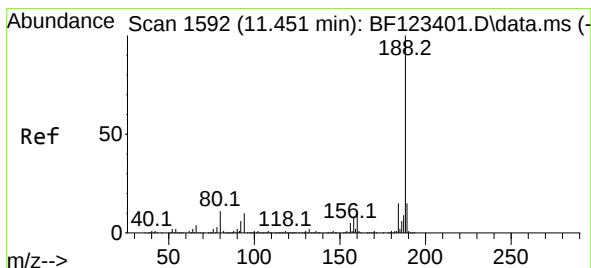
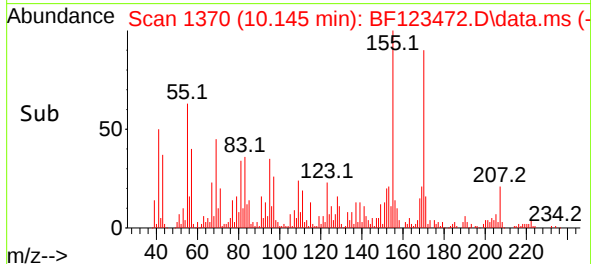
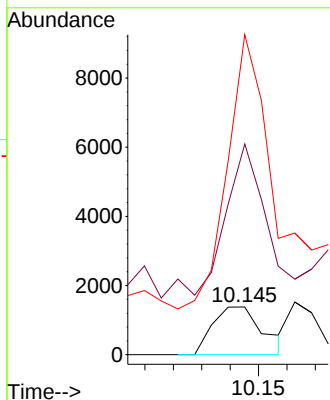
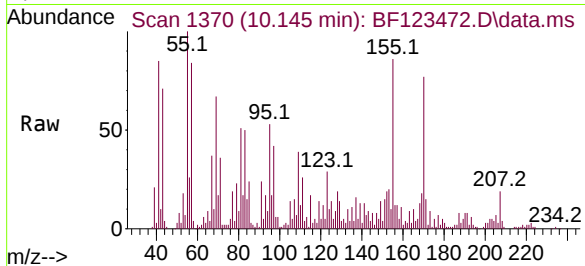




#54
2,4-Dinitrophenol
Concen: 9.14 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.153 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

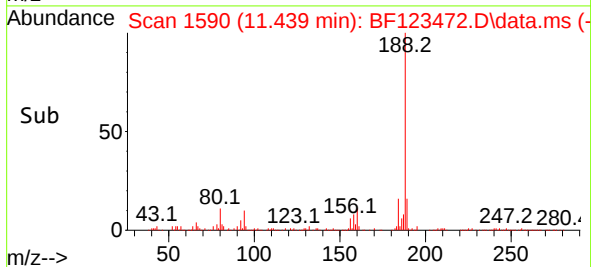
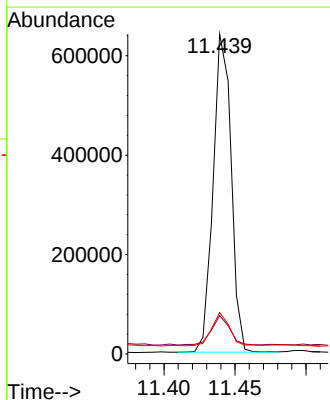
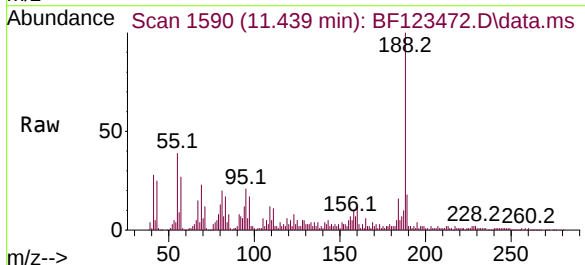
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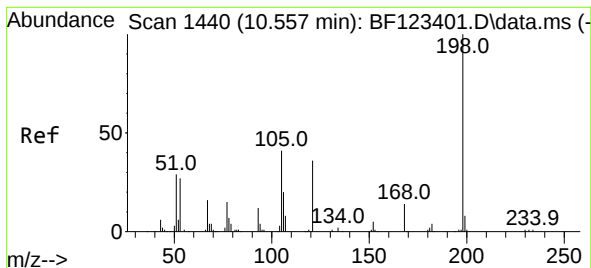
Tgt Ion:184 Resp: 1686
Ion Ratio Lower Upper
184 100
63 442.6 51.4 77.2#
154 672.1 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:188 Resp: 563422
Ion Ratio Lower Upper
188 100
94 11.9 7.4 11.2#
80 13.0 8.2 12.4#

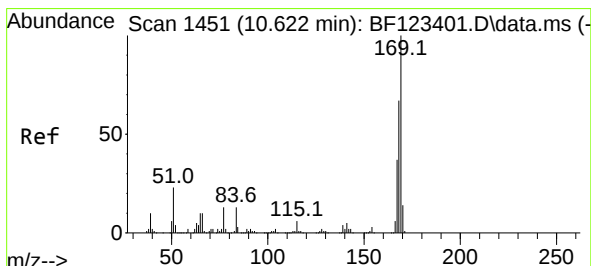
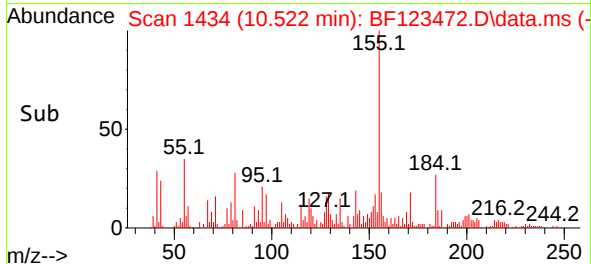
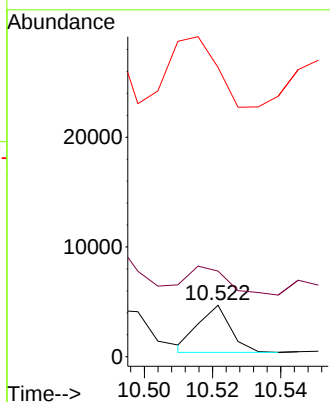
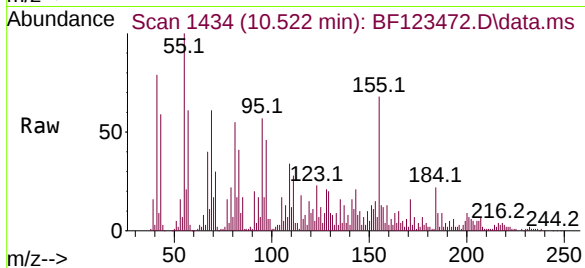




#65
4,6-Dinitro-2-methylphenol
Concen: 5.95 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

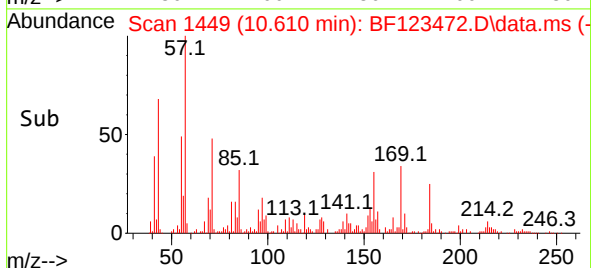
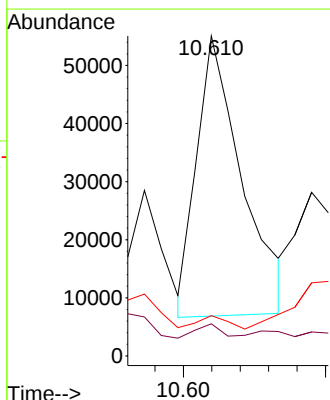
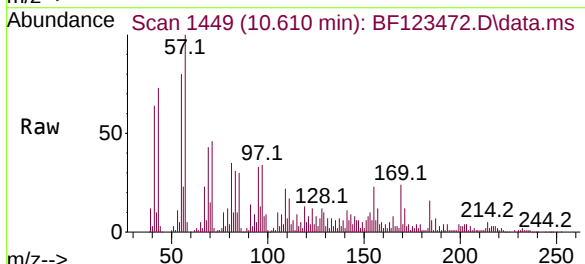
Instrument :
BNA_F
ClientSampleId :
11979

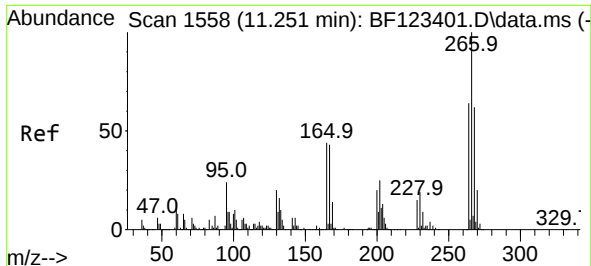
Tgt Ion:198 Resp: 2792
Ion Ratio Lower Upper
198 100
51 166.4 20.3 60.3#
105 562.7 23.0 63.0#



#66
n-Nitrosodiphenylamine
Concen: 2.83 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:169 Resp: 53362
Ion Ratio Lower Upper
169 100
168 10.1 54.2 81.2#
167 12.6 29.2 43.8#

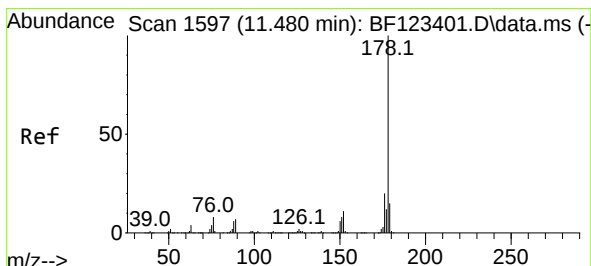
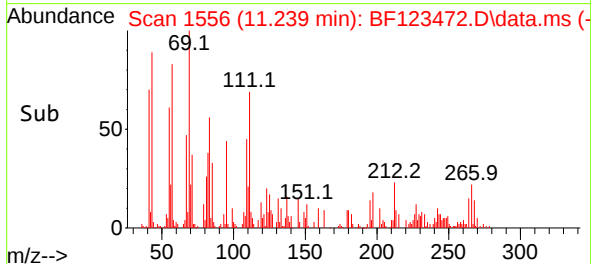
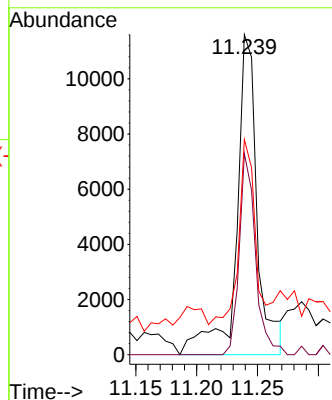
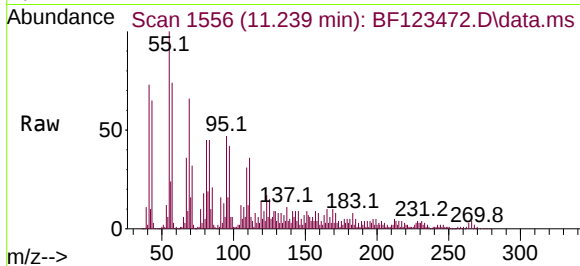




#70
Pentachlorophenol
Concen: 3.13 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

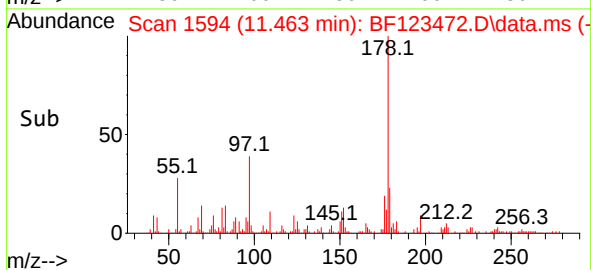
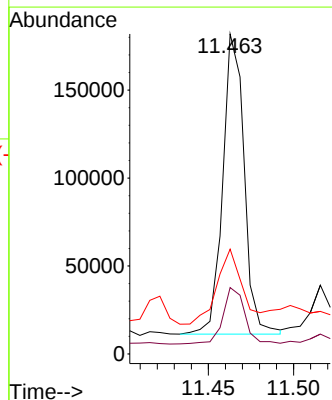
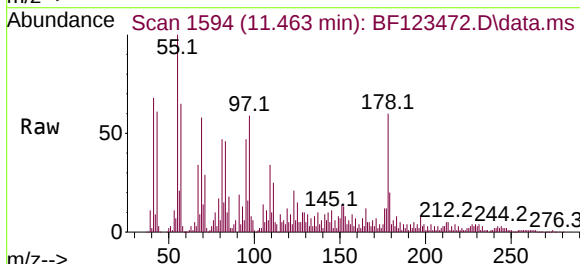
Instrument :
BNA_F
ClientSampled :
11979

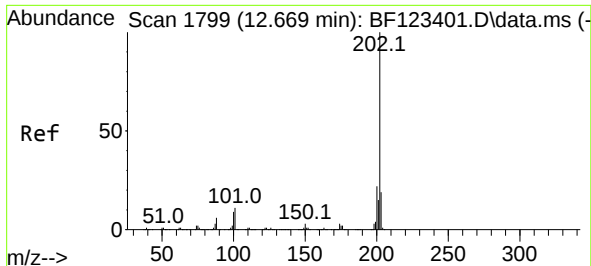
Tgt Ion:266 Resp: 13714
Ion Ratio Lower Upper
266 100
268 67.6 50.5 75.7
264 67.2 49.8 74.8



#71
Phenanthrene
Concen: 4.79 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:178 Resp: 149186
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 32.7 12.7 19.1#

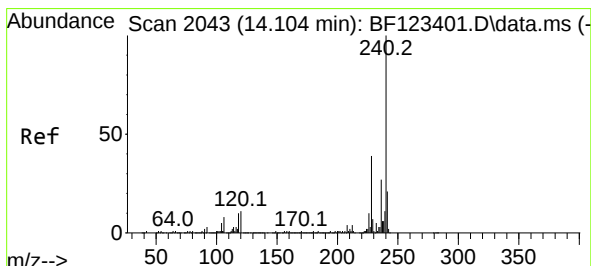
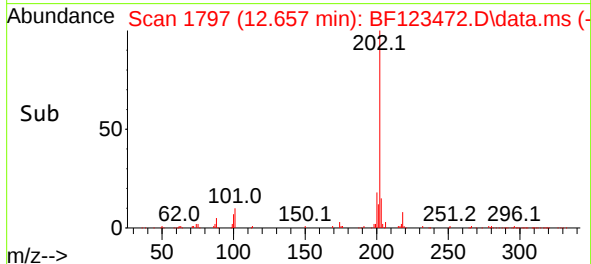
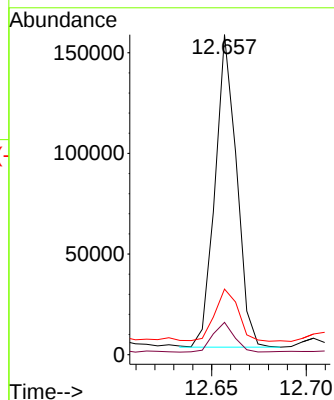
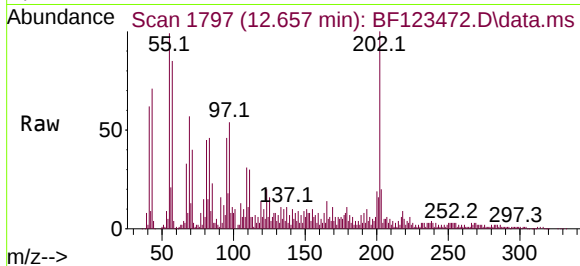




#75
Fluoranthene
Concen: 3.65 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

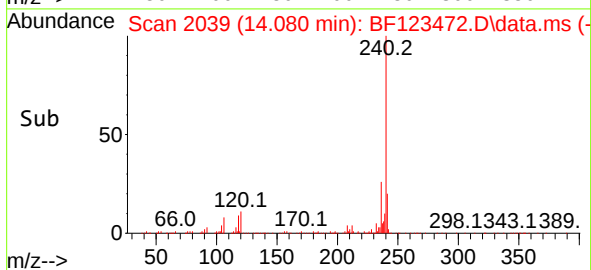
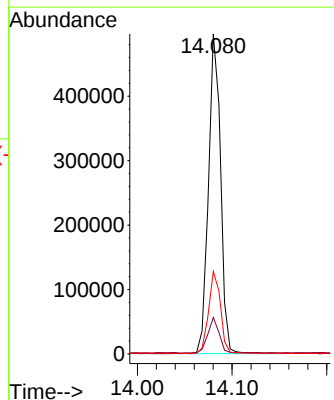
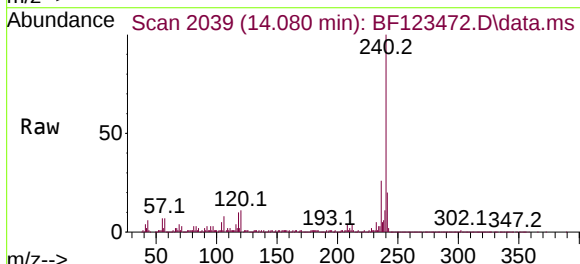
Instrument :
BNA_F
ClientSampleId :
11979

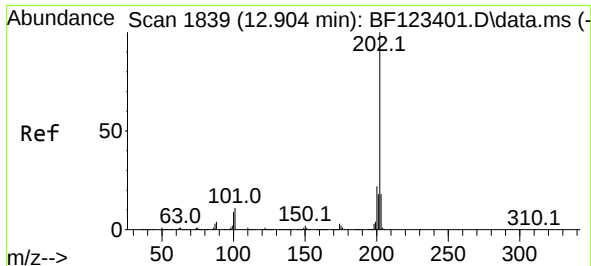
Tgt Ion:202 Resp: 122939
Ion Ratio Lower Upper
202 100
101 10.1 0.0 32.2
203 20.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:240 Resp: 438607
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.8 20.3 30.5

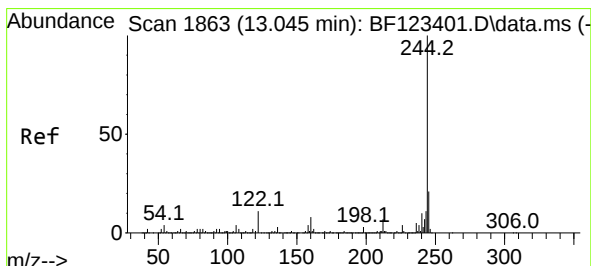
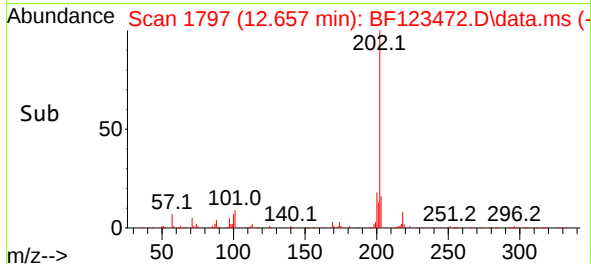
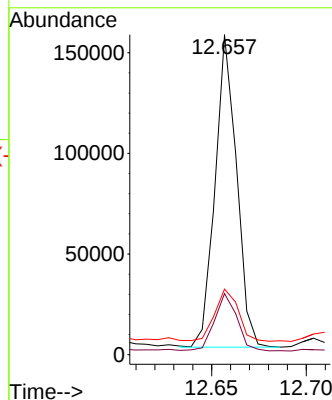
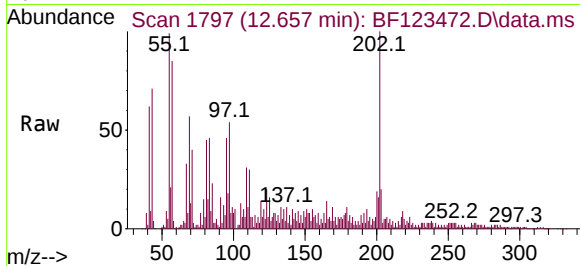




#78
Pyrene
Concen: 3.25 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.224 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

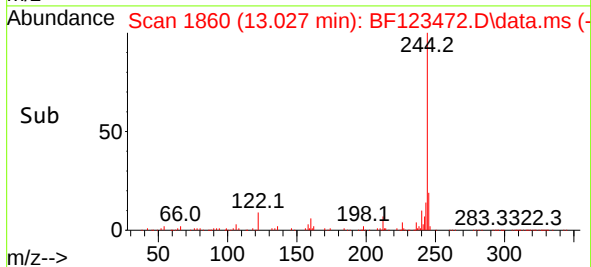
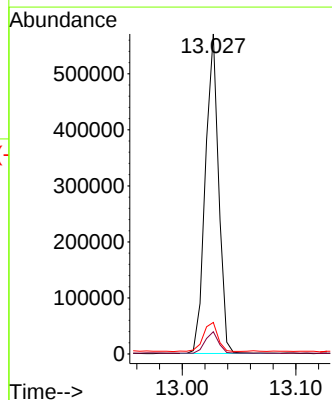
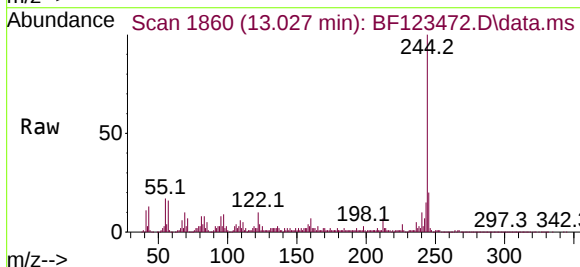
Instrument :
BNA_F
ClientSampleId :
11979

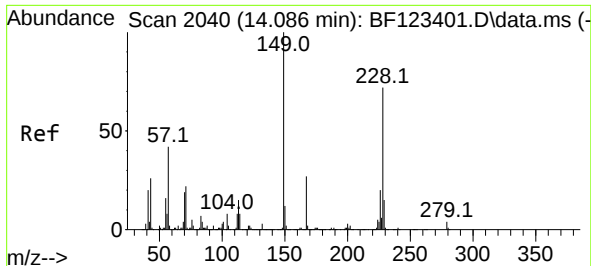
Tgt Ion:202	Resp:	122939
Ion Ratio	Lower	Upper
202	100	
200	19.1	17.6 26.4
203	20.5	14.6 21.8



#79
Terphenyl-d14
Concen: 17.89 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:244	Resp:	462941
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	9.8	8.3 12.5

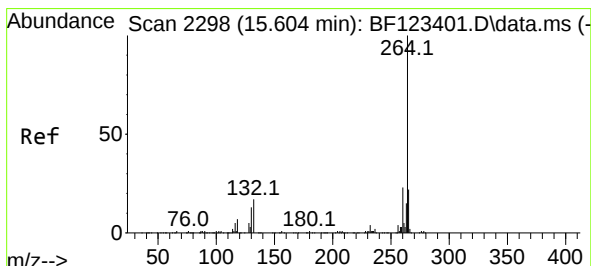
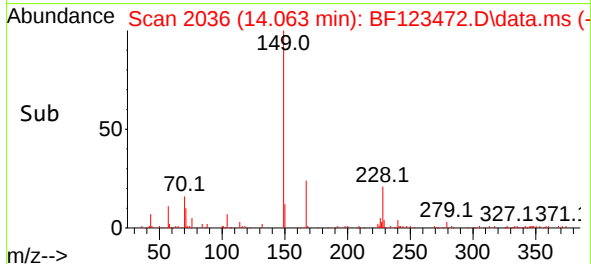
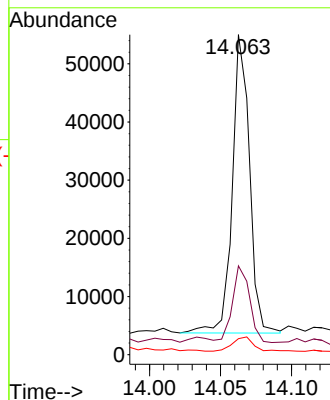
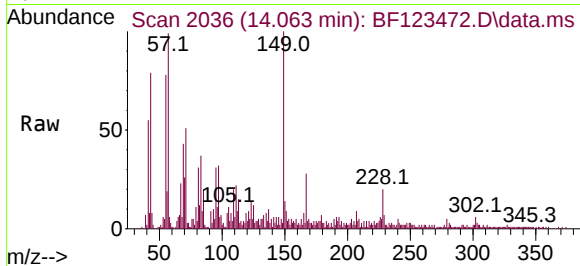




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.35 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Instrument :
BNA_F
ClientSampleId :
11979

Tgt Ion:	149	Resp:	43359
Ion Ratio	Lower	Upper	
149	100		
167	27.8	21.4	32.2
279	5.0	3.4	5.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF123472.D
Acq: 25 Mar 2021 20:56

Tgt Ion:	264	Resp:	386700
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.6	28.0
265	20.9	17.0	25.6

