

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
 Data File : BF123173.D
 Acq On : 10 Feb 2021 16:47
 Operator : JU/CG
 Sample : M1348-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AS-CON

Quant Time: Feb 10 17:45:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 15:25:30 2021
 Response via : Initial Calibration

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

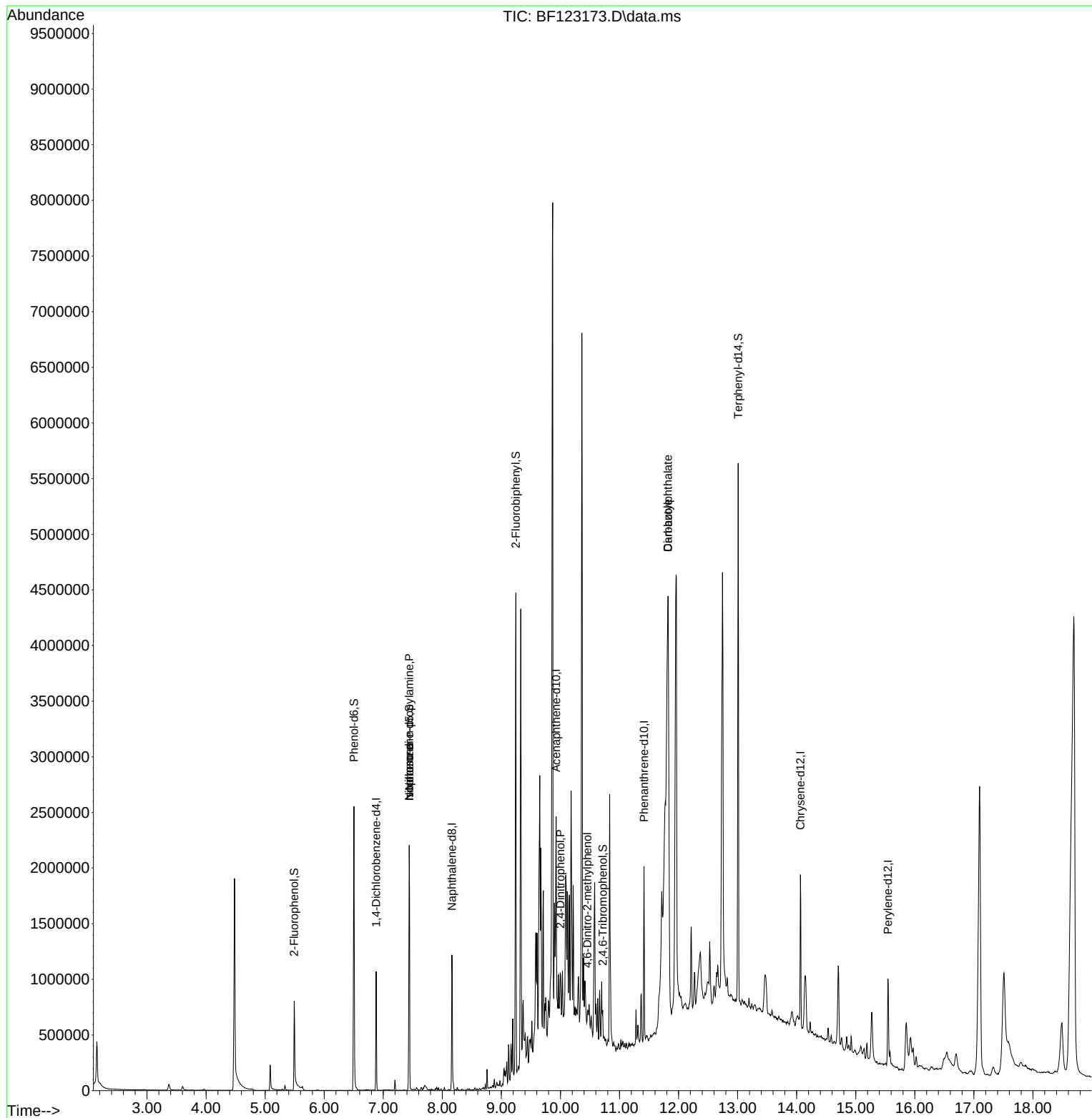
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	139769	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	547117	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	273697	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	528676	20.00	ng	0.00
76) Chrysene-d12	14.063	240	470246	20.00	ng	0.00
86) Perylene-d12	15.545	264	367804	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	311278	34.35	ng	0.00
7) Phenol-d6	6.504	99	888968	72.38	ng	0.00
23) Nitrobenzene-d5	7.439	82	721218	66.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	34707	11.68	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1320430	71.72	ng	0.00
79) Terphenyl-d14	13.010	244	1553857	64.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	96498	13.07	ng	Qvalue # 79
25) Isophorone	7.439	82	721320	36.22	ng	# 65
54) 2,4-Dinitrophenol	9.998	184	192	6.93	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.457	198	158	5.02	ng	# 1
73) Carbazole	11.821	167	924416	31.62	ng	# 61
74) Di-n-butylphthalate	11.821	149	1745180	50.35	ng	# 64

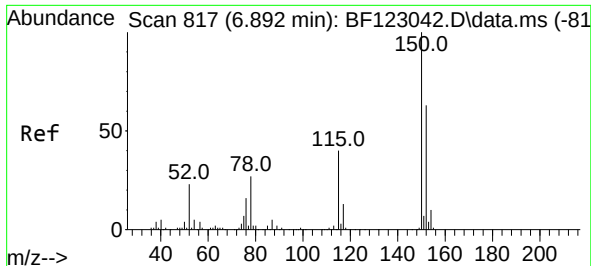
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 15:25:30 2021
Response via : Initial Calibration

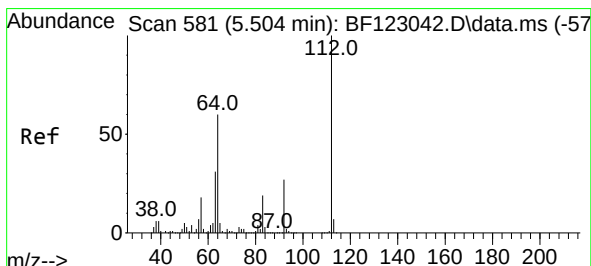
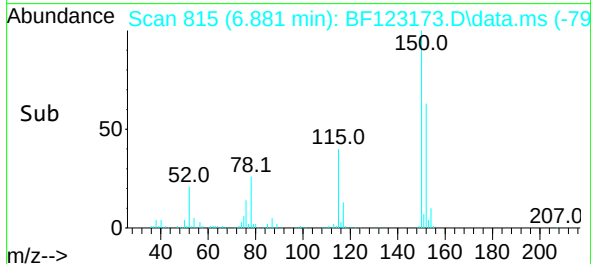
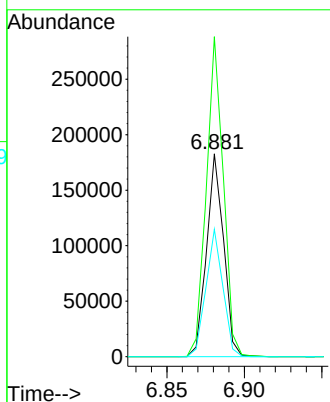
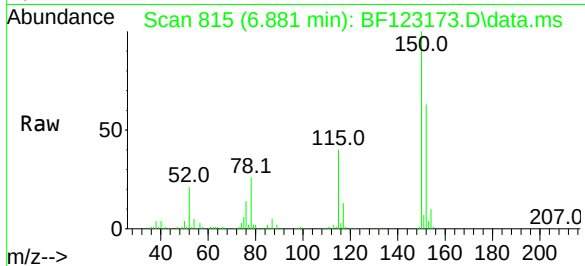




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.005 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

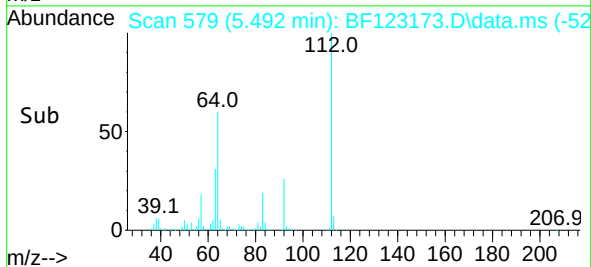
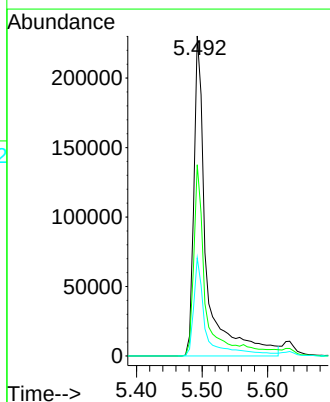
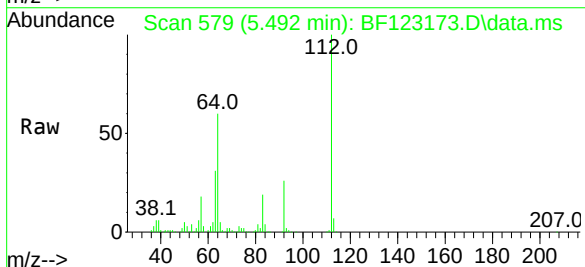
Instrument :
BNA_F
ClientSampleId :
AS-CON

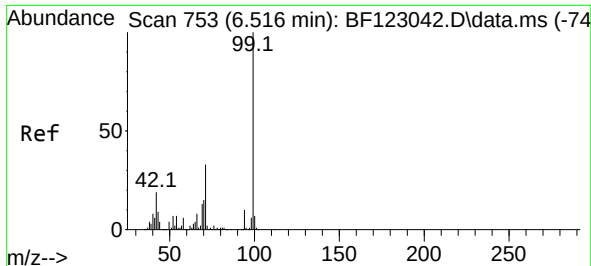
Tgt Ion:152 Resp: 139769
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 62.8 49.3 73.9



#5
2-Fluorophenol
Concen: 34.35 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion:112 Resp: 311278
Ion Ratio Lower Upper
112 100
64 59.7 46.9 70.3
63 30.6 24.5 36.7

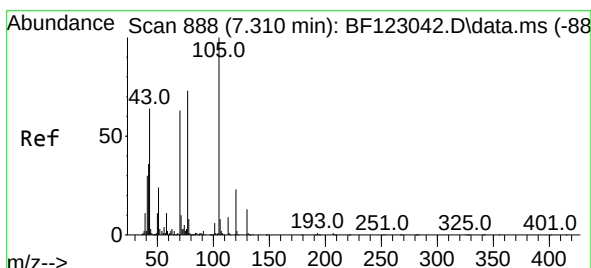
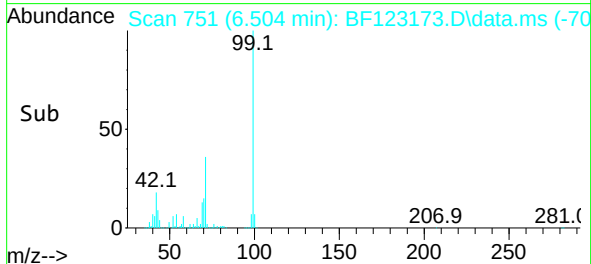
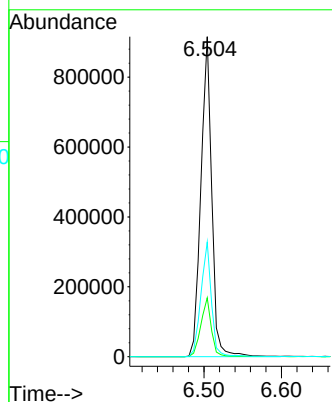
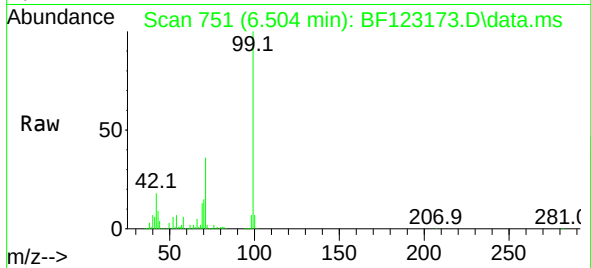




#7
Phenol-d6
Concen: 72.38 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

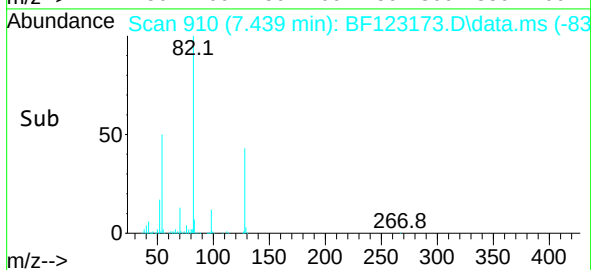
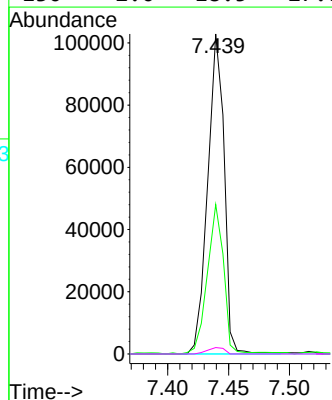
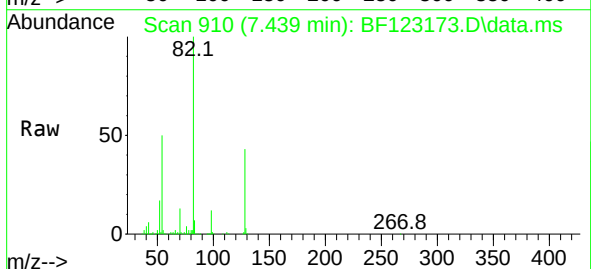
Instrument :
BNA_F
ClientSampleId :
AS-CON

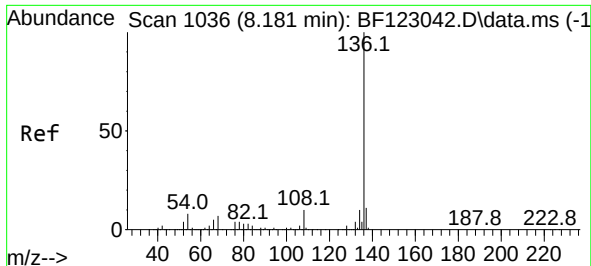
Tgt Ion: 99 Resp: 888968
Ion Ratio Lower Upper
99 100
42 18.4 13.8 20.6
71 35.8 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.07 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion: 70 Resp: 96498
Ion Ratio Lower Upper
70 100
42 46.7 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#

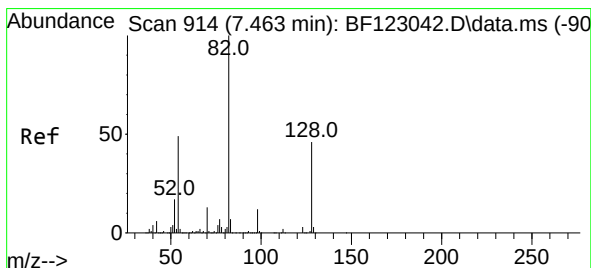
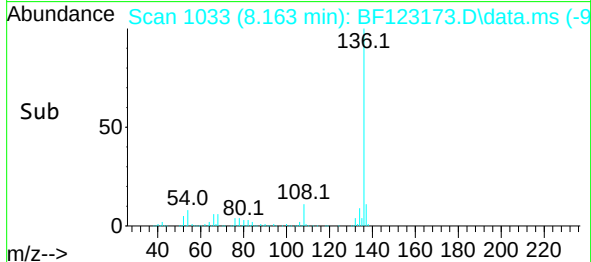
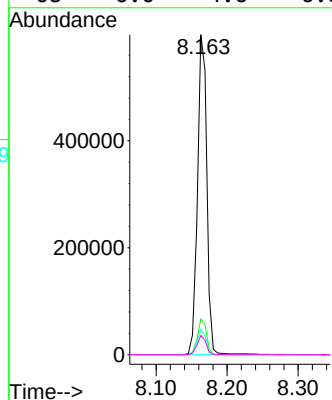
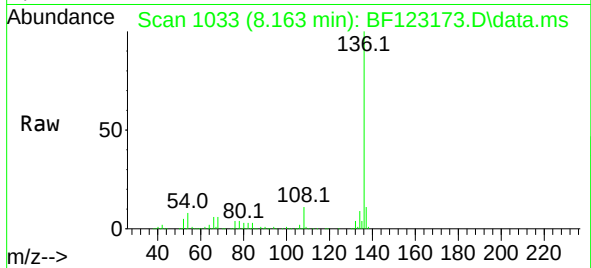




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

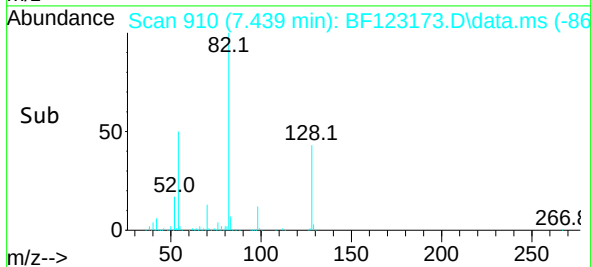
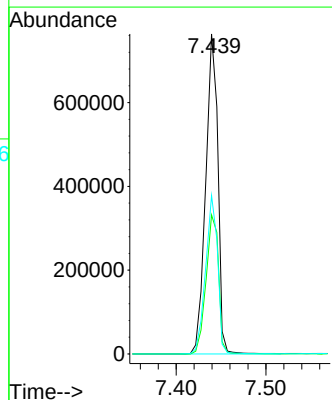
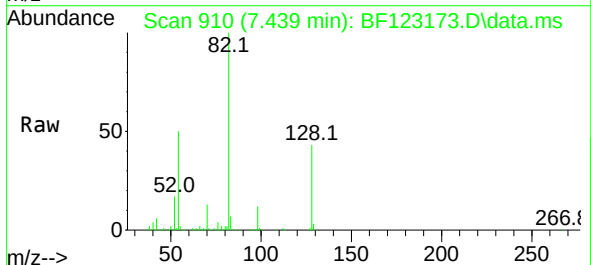
Instrument :
BNA_F
ClientSampleId :
AS-CON

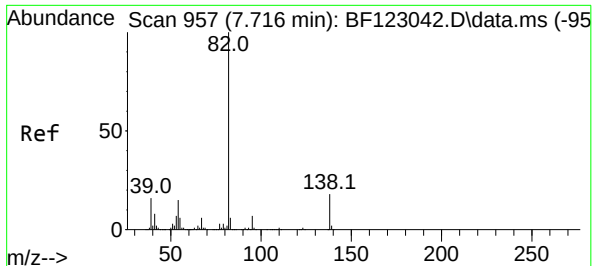
Tgt Ion:136	Resp: 547117
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	7.9 5.5 8.3
68	6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 66.34 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion: 82	Resp: 721218
Ion Ratio	Lower Upper
82	100
128	43.4 37.0 55.4
54	49.5 38.4 57.6

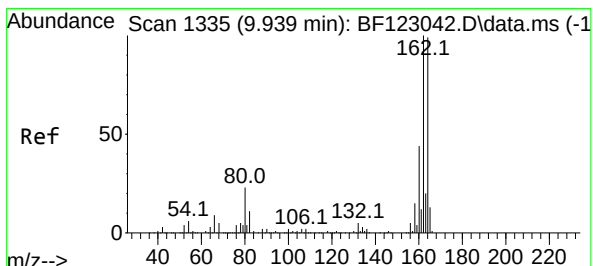
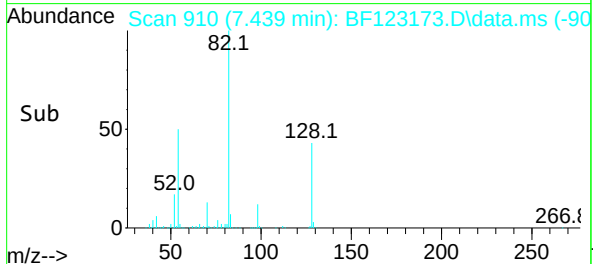
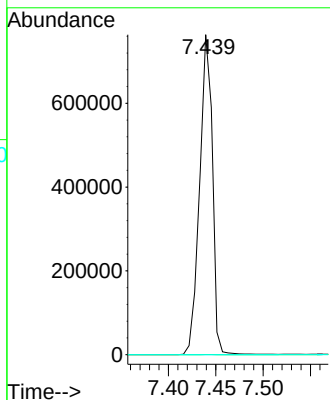
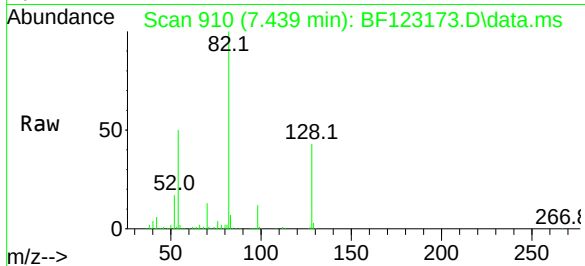




#25
Isophorone
Concen: 36.22 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

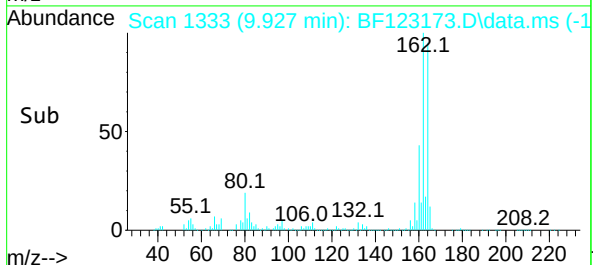
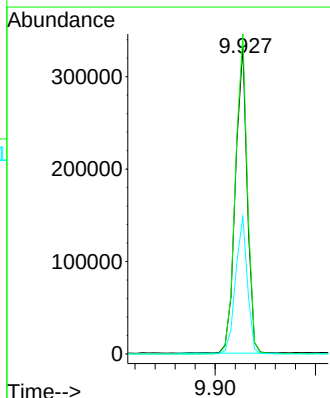
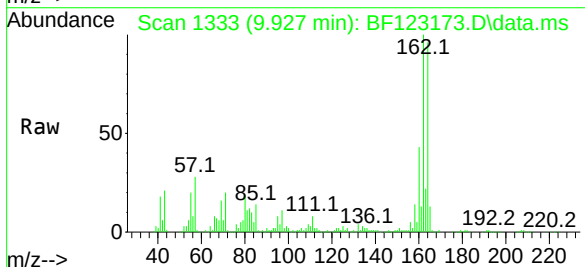
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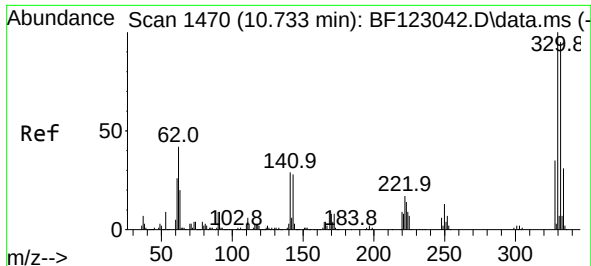
Tgt Ion: 82 Resp: 721320
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion: 164 Resp: 273697
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 44.6 35.4 53.0

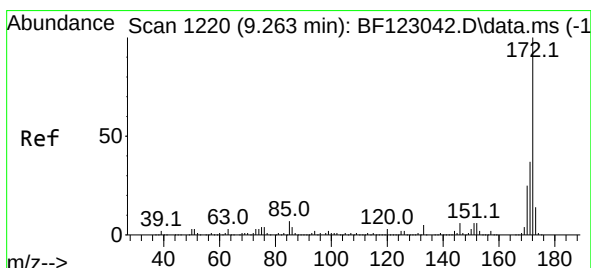
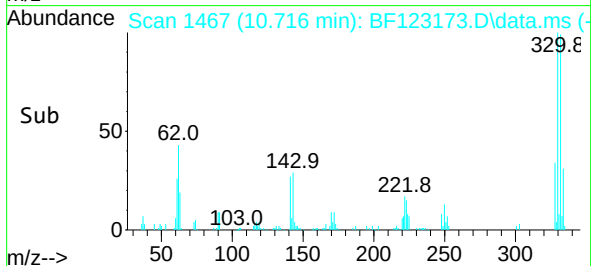
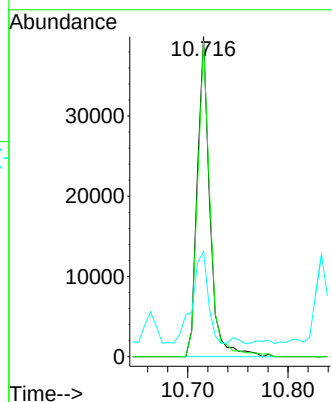
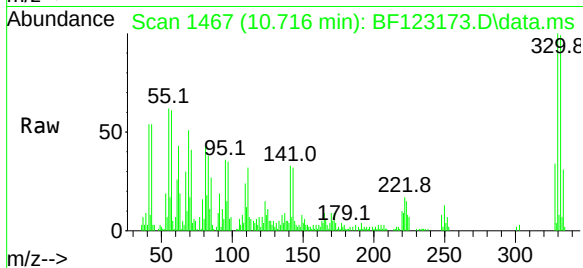




#42
2,4,6-Tribromophenol
Concen: 11.68 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

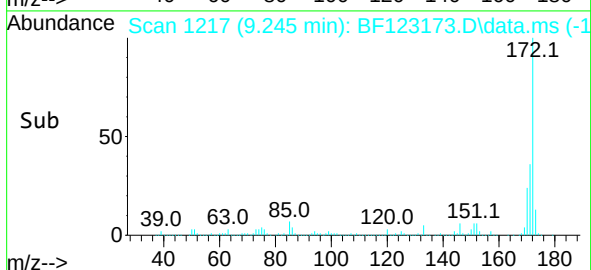
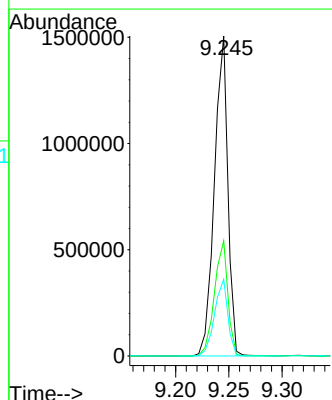
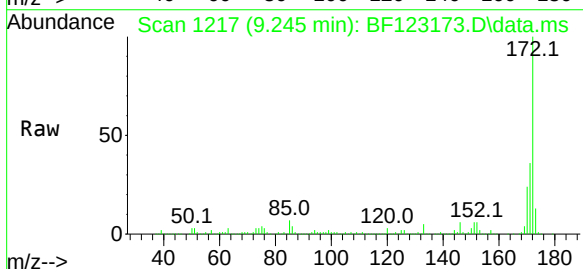
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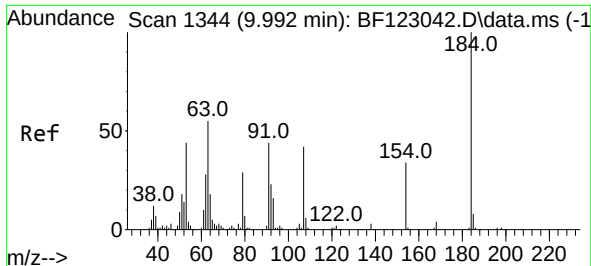
Tgt Ion: 330 Resp: 34707
Ion Ratio Lower Upper
330 100
332 98.7 77.5 116.3
141 37.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 71.72 ng
RT: 9.245 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion: 172 Resp: 1320430
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.5 29.3

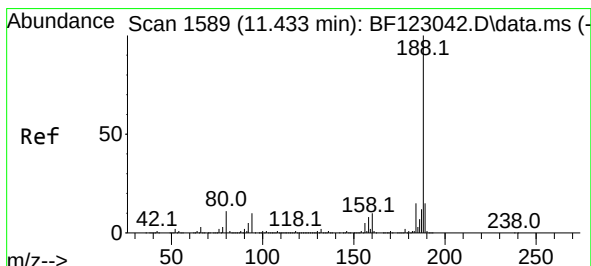
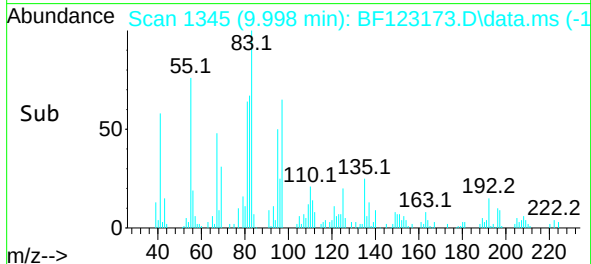
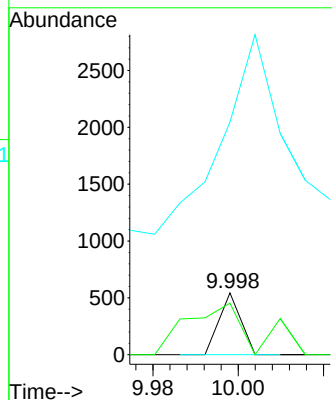
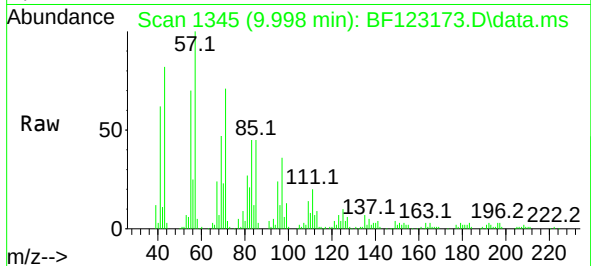




#54
2,4-Dinitrophenol
Concen: 6.93 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

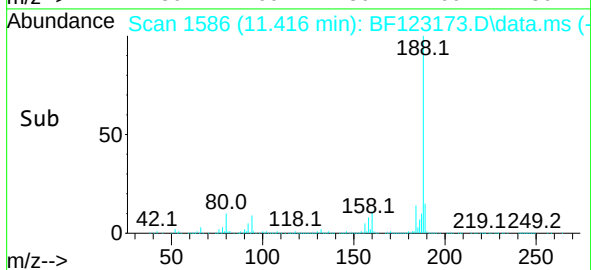
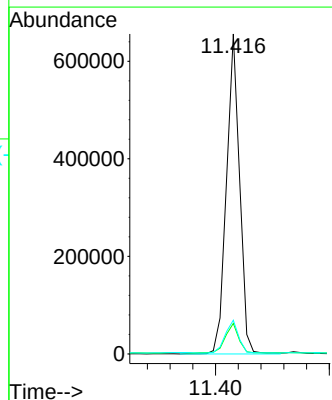
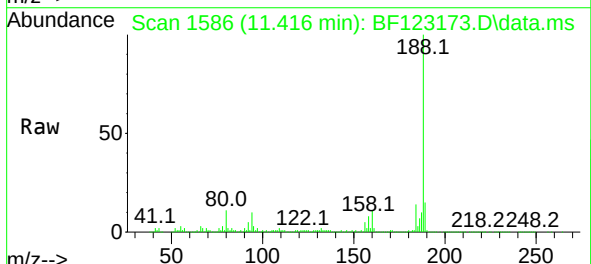
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ClientSampled :
AS-CON

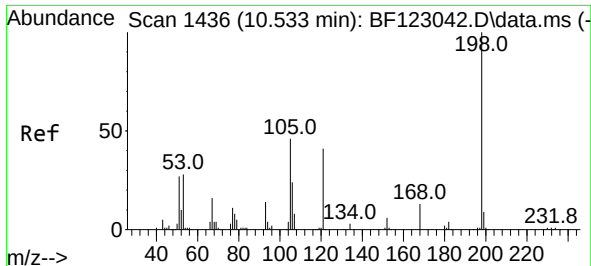
Tgt Ion:184 Resp: 192
Ion Ratio Lower Upper
184 100
63 83.5 51.4 77.2#
154 375.9 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion:188 Resp: 528676
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.5 8.2 12.4

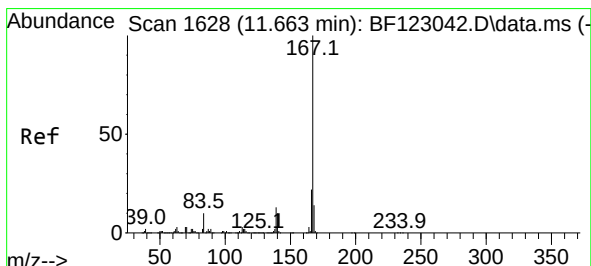
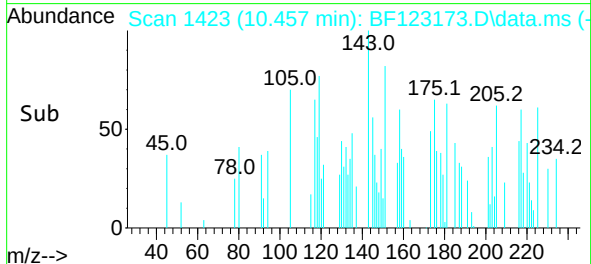
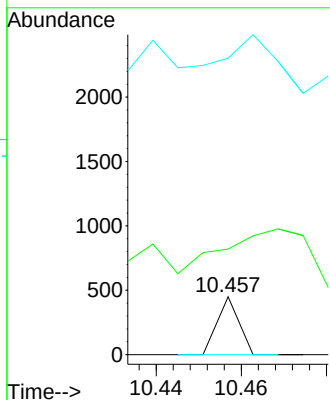
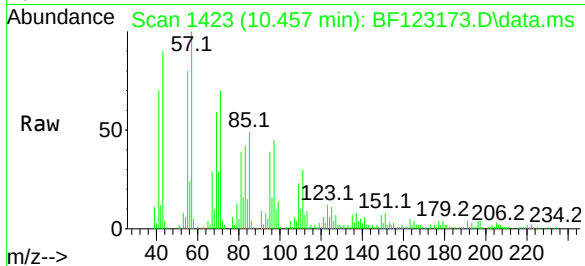




#65
4,6-Dinitro-2-methylphenol
Concen: 5.02 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.065 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

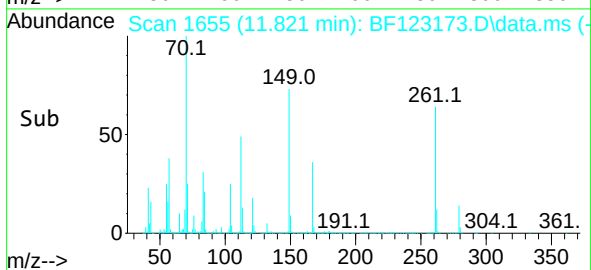
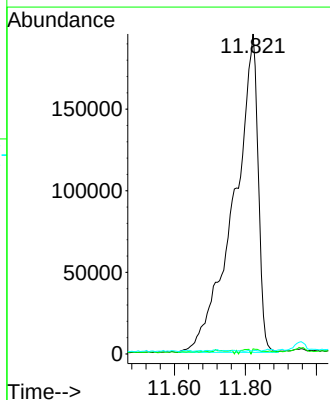
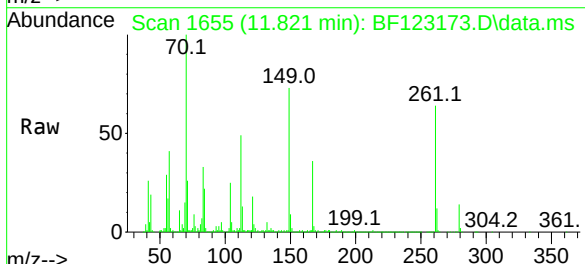
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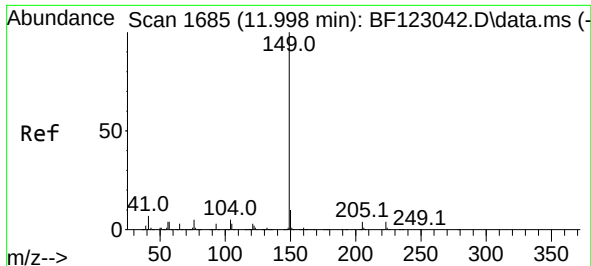
Tgt Ion:198 Resp: 158
Ion Ratio Lower Upper
198 100
51 182.6 20.3 60.3#
105 512.7 23.0 63.0#



#73
Carbazole
Concen: 31.62 ng
RT: 11.821 min Scan# 1655
Delta R.T. 0.171 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion:167 Resp: 924416
Ion Ratio Lower Upper
167 100
166 1.6 18.0 27.0#
139 1.0 10.9 16.3#

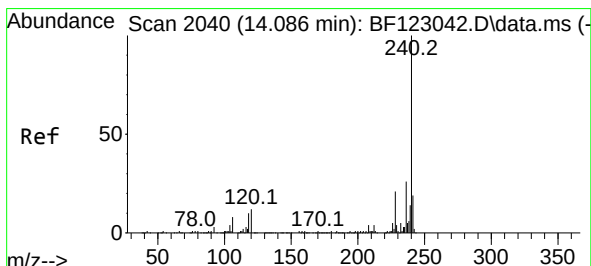
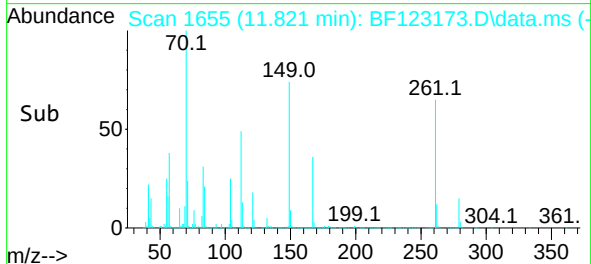
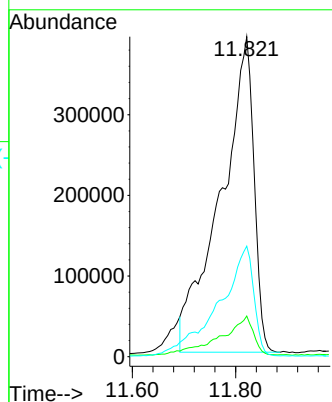
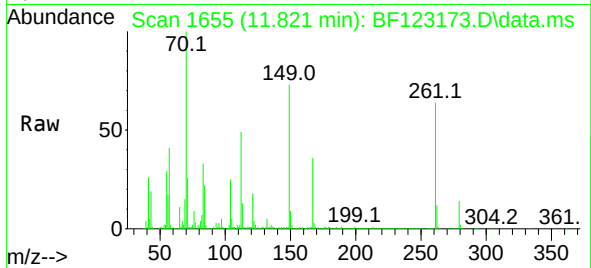




#74
Di-n-butylphthalate
Concen: 50.35 ng
RT: 11.821 min Scan# 1655
Delta R.T. -0.159 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

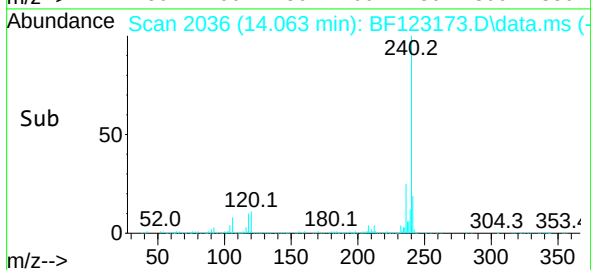
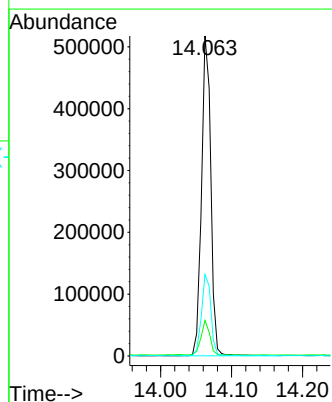
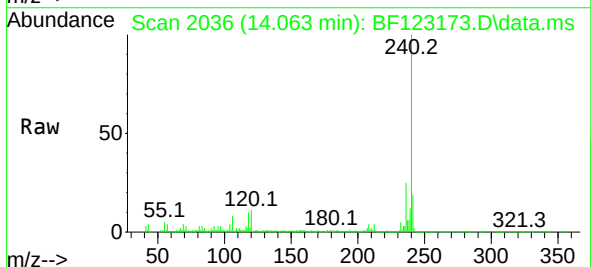
Instrument :
BNA_F
ClientSampleId :
AS-CON

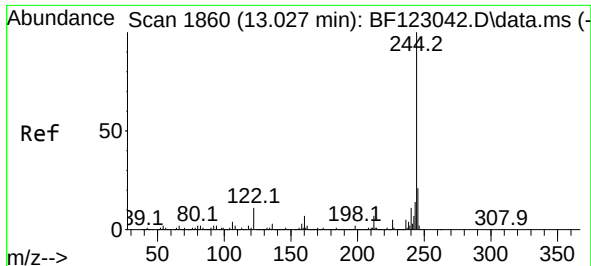
Tgt Ion:149 Resp: 1745180
Ion Ratio Lower Upper
149 100
150 12.7 7.8 11.6#
104 34.6 4.2 6.4#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion:240 Resp: 470246
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.5 20.3 30.5

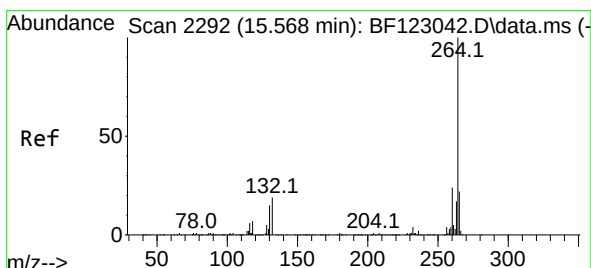
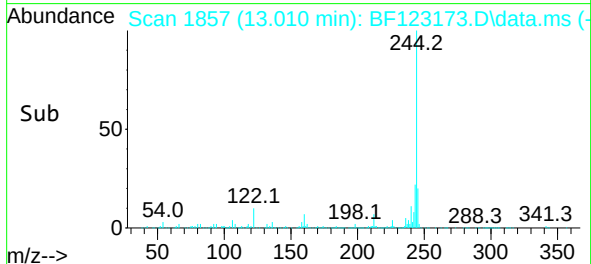
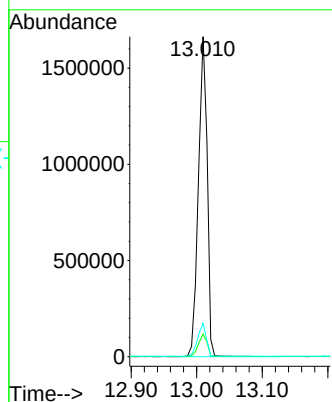
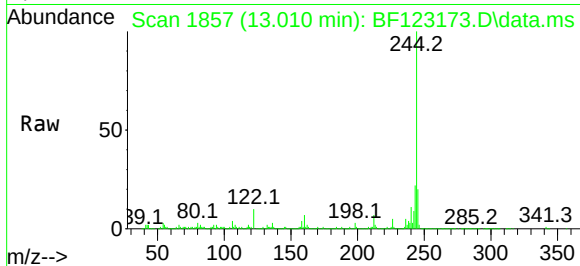




#79
Terphenyl-d14
Concen: 64.92 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Instrument :
BNA_F
ClientSampleId :
AS-CON

Tgt Ion:244 Resp: 1553857
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.4 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF123173.D
Acq: 10 Feb 2021 16:47

Tgt Ion:264 Resp: 367804
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.6 17.0 25.6

