

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
 Data File : BF122743.D
 Acq On : 16 Dec 2020 11:32
 Operator : JU/CG
 Sample : L5022-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-E6RE

Quant Time: Dec 16 12:53:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

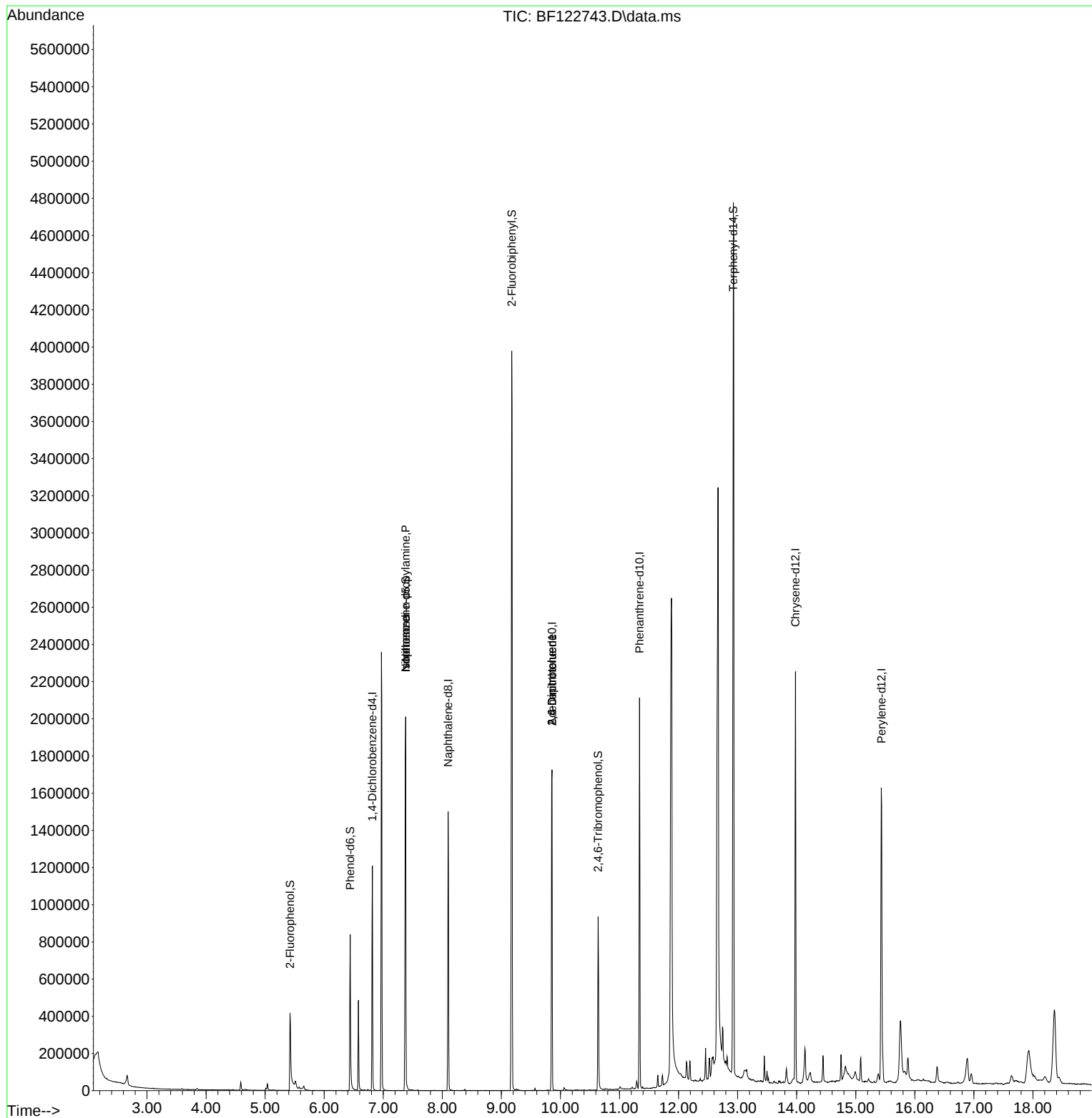
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	180621	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	683614	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	378654	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	734755	20.00	ng	0.00
76) Chrysene-d12	13.980	240	753279	20.00	ng	0.00
86) Perylene-d12	15.433	264	775258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	174689	15.31	ng	-0.01
7) Phenol-d6	6.439	99	302196	19.97	ng	-0.02
23) Nitrobenzene-d5	7.380	82	705685	51.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	124121	25.04	ng	-0.01
45) 2-Fluorobiphenyl	9.174	172	1373997	49.08	ng	-0.01
79) Terphenyl-d14	12.927	244	1846730	42.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	91643	10.57	ng	# 78
25) Isophorone	7.380	82	705678	30.03	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	48924	7.66	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	48924	5.75	ng	# 25

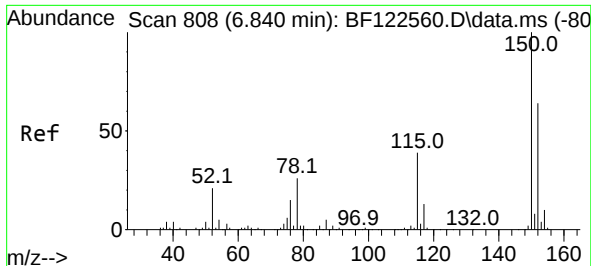
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 12:53:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

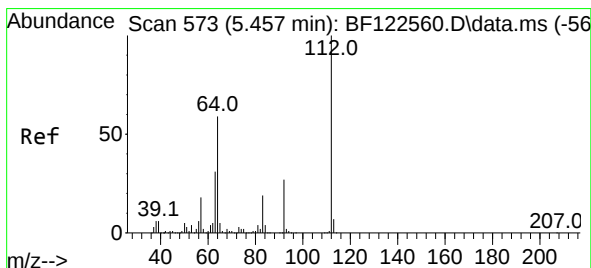
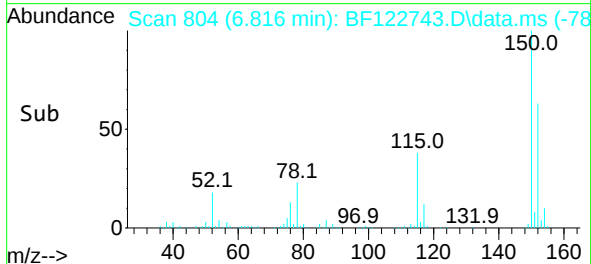
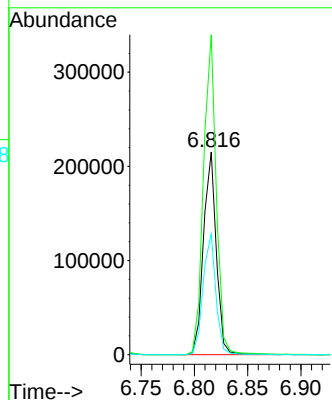
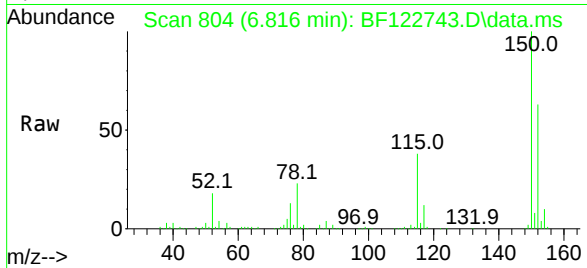




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

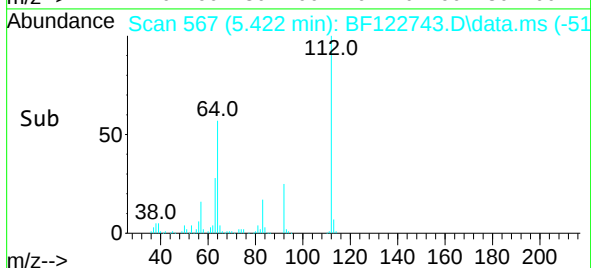
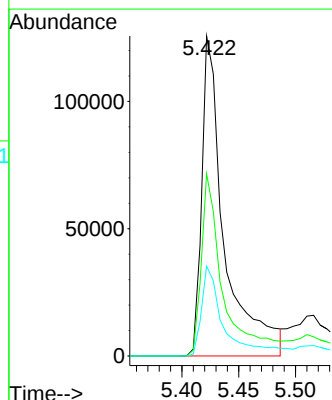
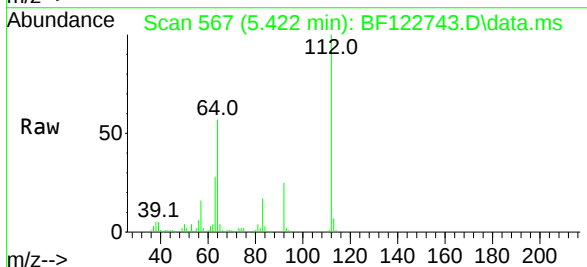
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6RE

Tgt Ion:152 Resp: 180621
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 59.6 49.3 73.9



#5
2-Fluorophenol
Concen: 15.31 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.012 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion:112 Resp: 174689
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 28.1 24.5 36.7

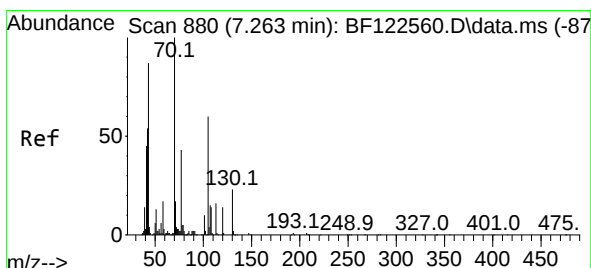
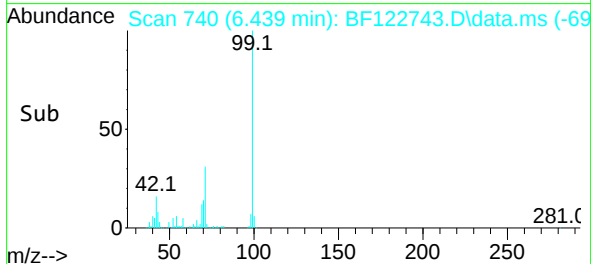
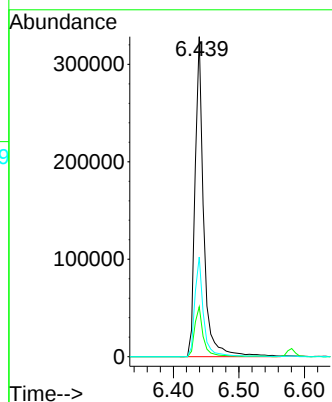
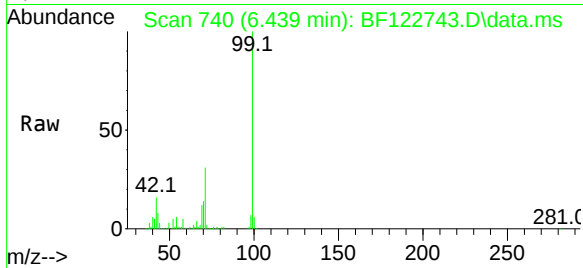




#7
Phenol-d6
Concen: 19.97 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

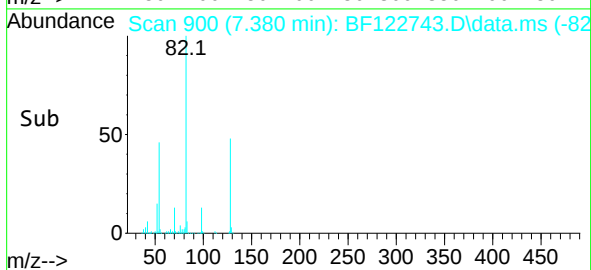
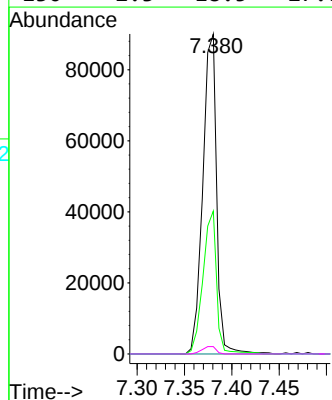
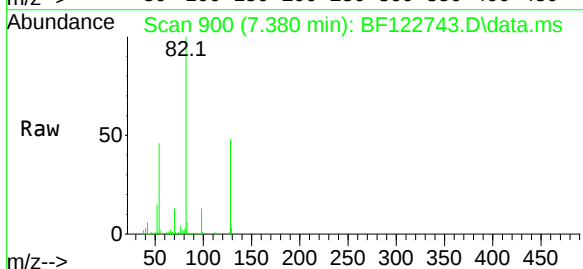
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6RE

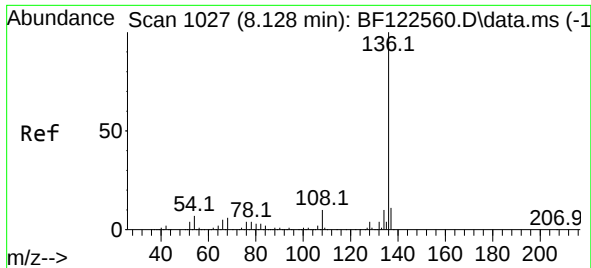
Tgt Ion: 99 Resp: 302196
Ion Ratio Lower Upper
99 100
42 15.6 13.8 20.6
71 31.2 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.57 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion: 70 Resp: 91643
Ion Ratio Lower Upper
70 100
42 44.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#

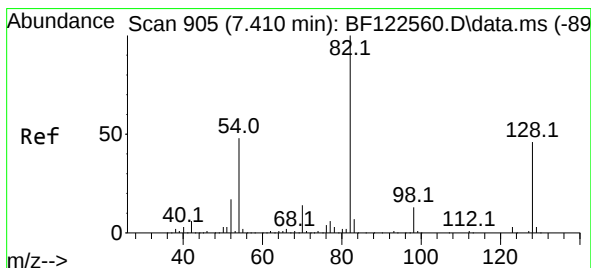
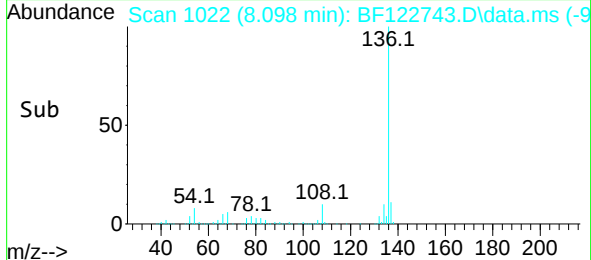
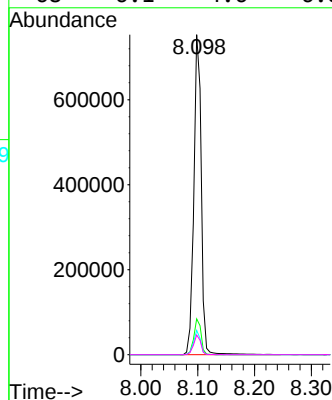
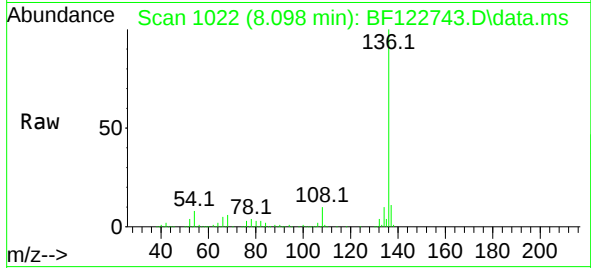




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

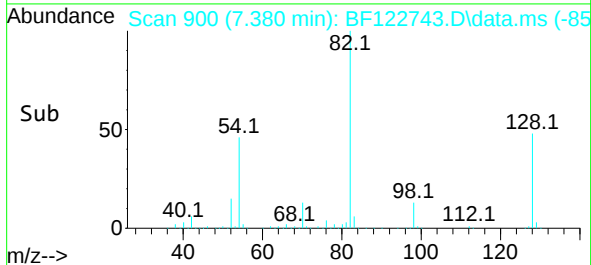
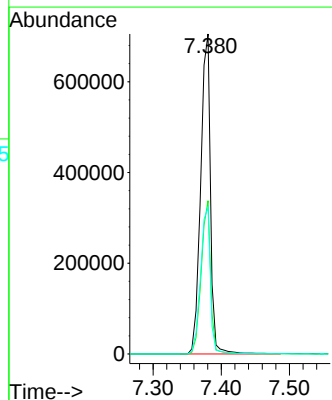
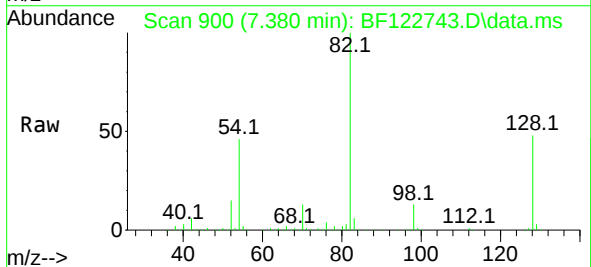
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6RE

Tgt Ion:136	Resp: 683614
Ion Ratio	Lower Upper
136	100
137	11.2 8.8 13.2
54	7.6 5.5 8.3
68	6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 51.72 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

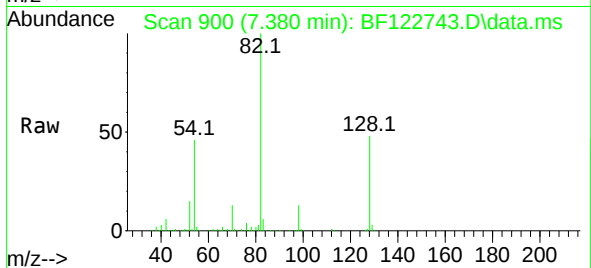
Tgt Ion: 82	Resp: 705685
Ion Ratio	Lower Upper
82	100
128	47.9 37.0 55.4
54	45.8 38.4 57.6



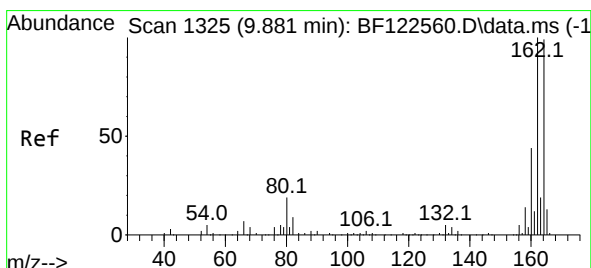
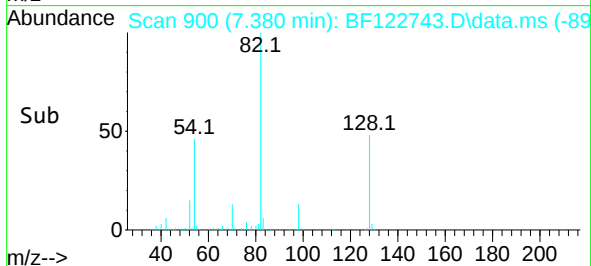
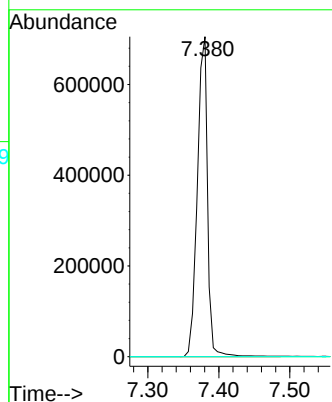


#25
Isophorone
Concen: 30.03 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6RE

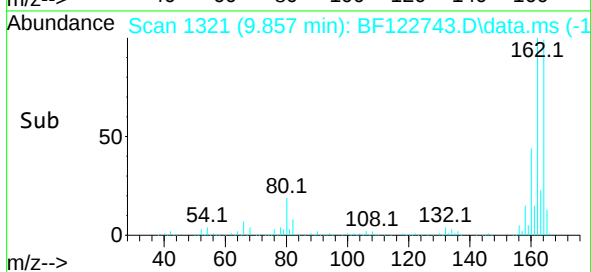
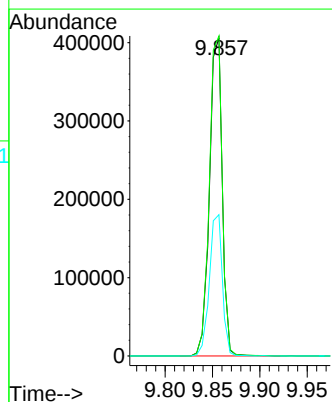
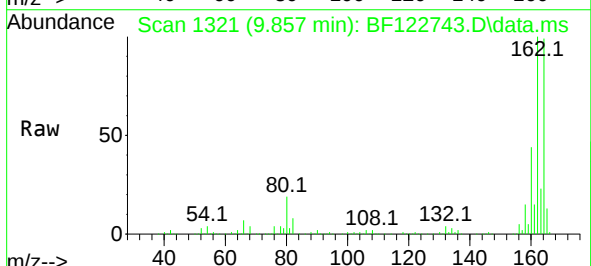


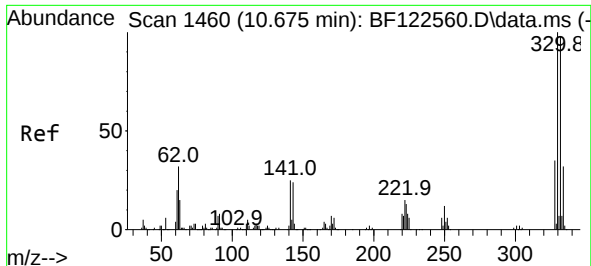
Tgt Ion: 82 Resp: 705678
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion: 164 Resp: 378654
Ion Ratio Lower Upper
164 100
162 100.6 80.8 121.2
160 44.4 35.4 53.0

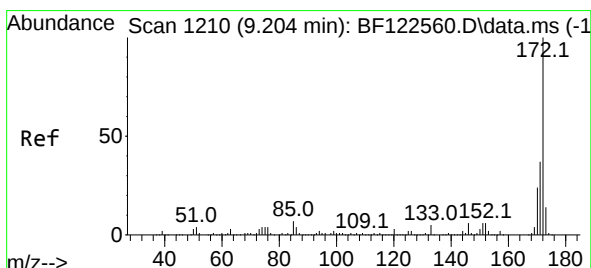
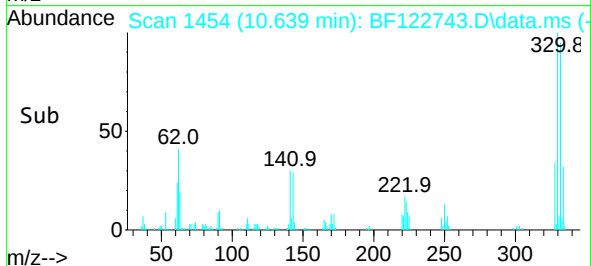
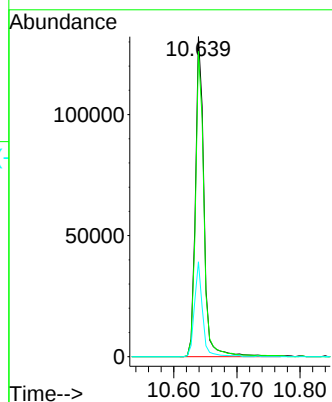
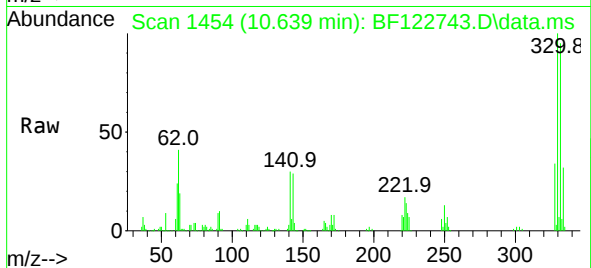




#42
2,4,6-Tribromophenol
Concen: 25.04 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

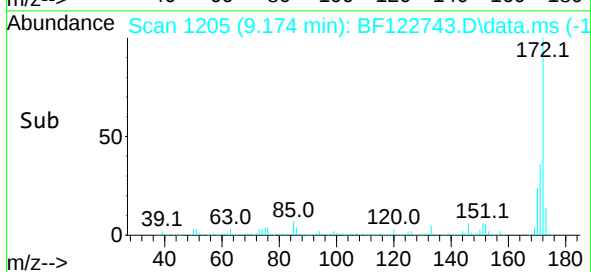
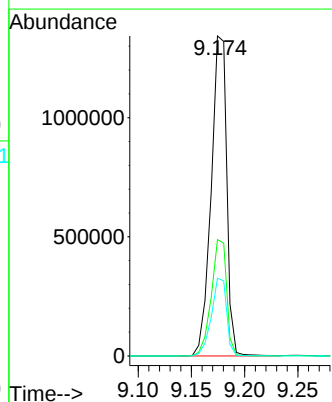
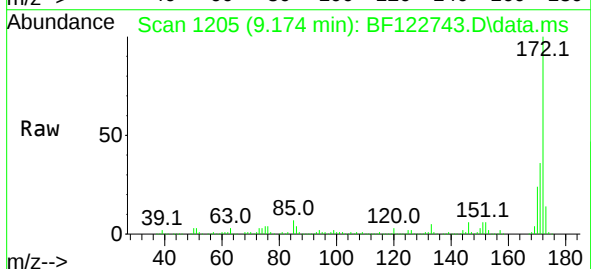
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6RE

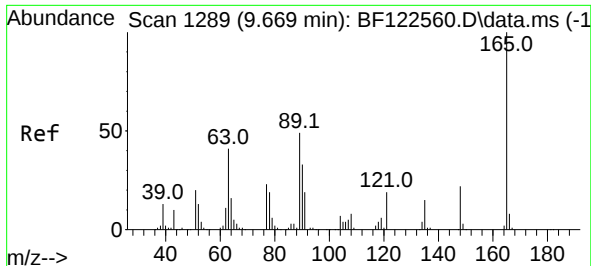
Tgt Ion: 330 Resp: 124121
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 28.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 49.08 ng
RT: 9.174 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion: 172 Resp: 1373997
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.5 29.3

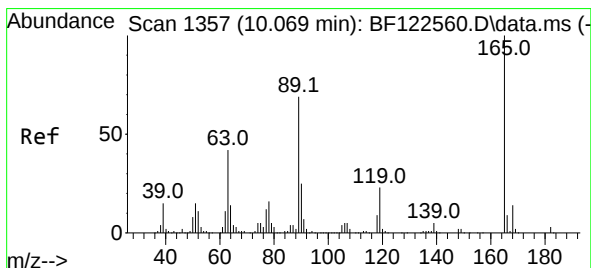
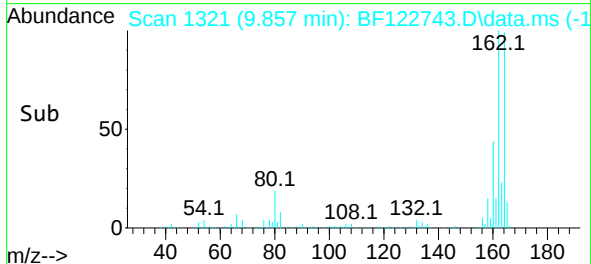
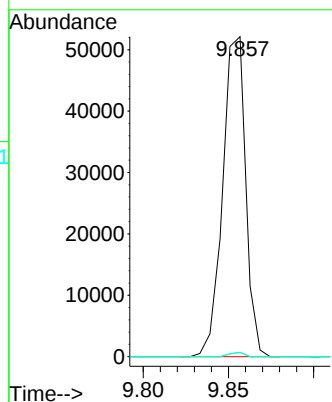
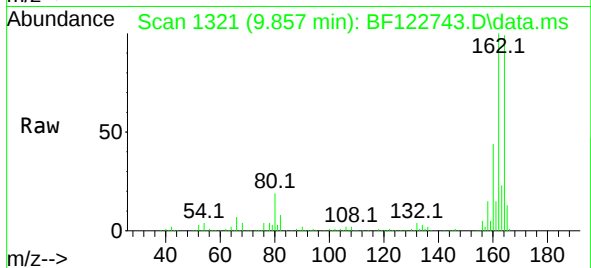




#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

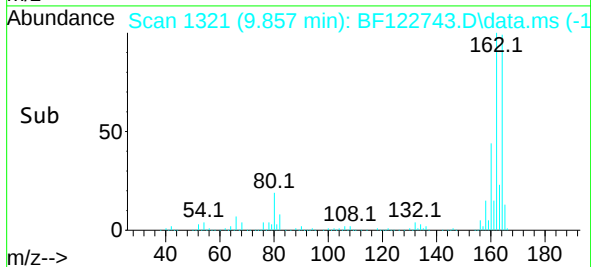
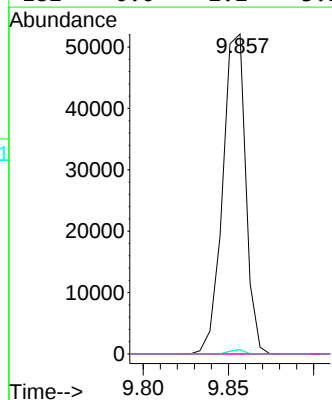
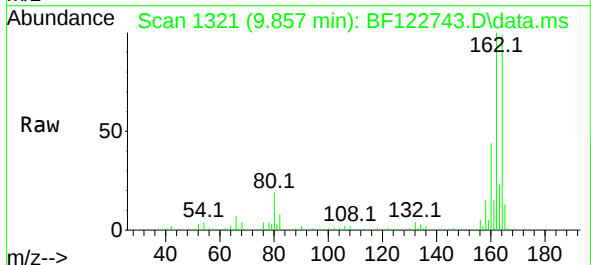
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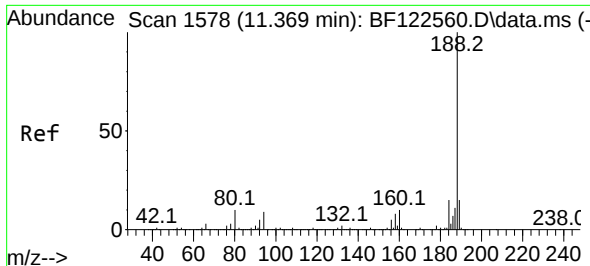
Tgt Ion:165 Resp: 48924
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion:165 Resp: 48924
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

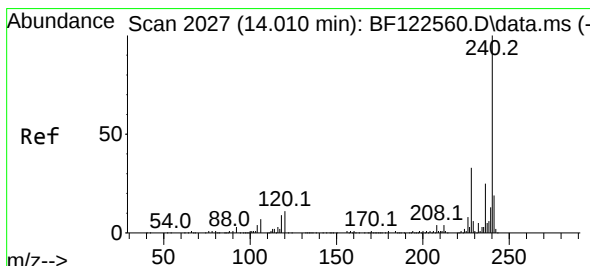
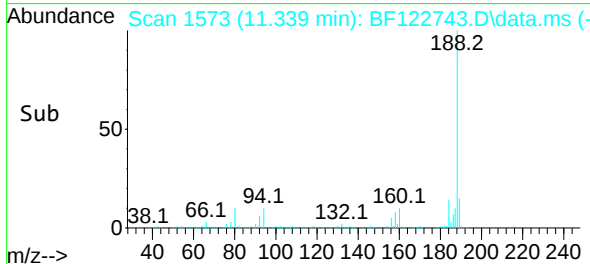
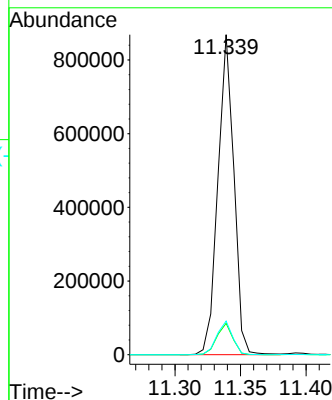
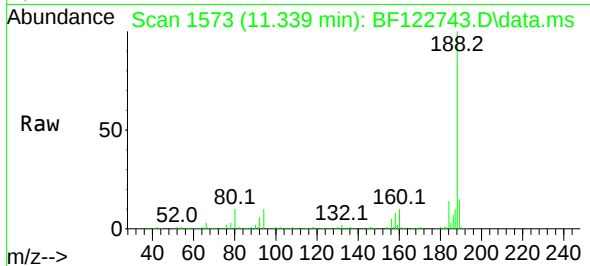




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

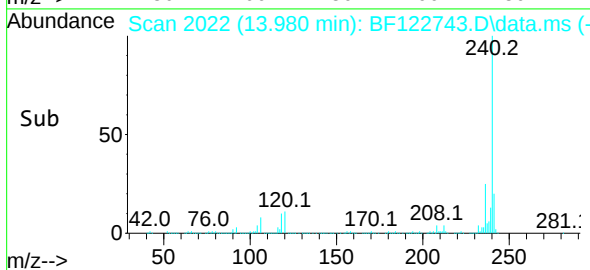
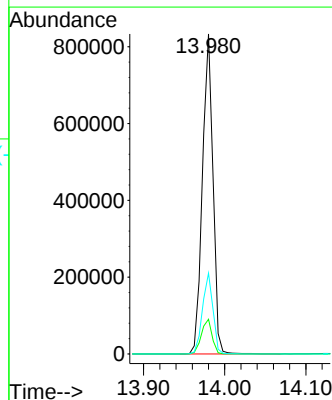
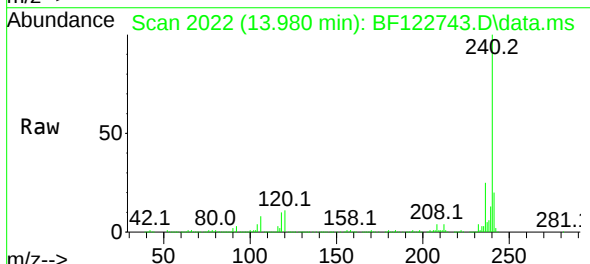
Instrument :
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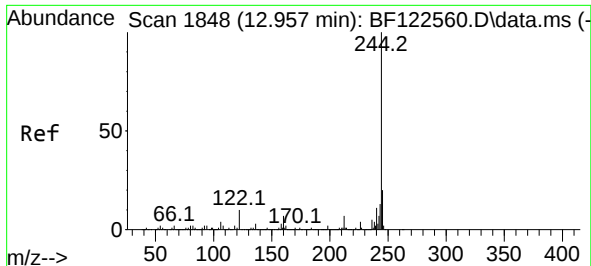
Tgt Ion:188 Resp: 734755
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion:240 Resp: 753279
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.3 20.3 30.5

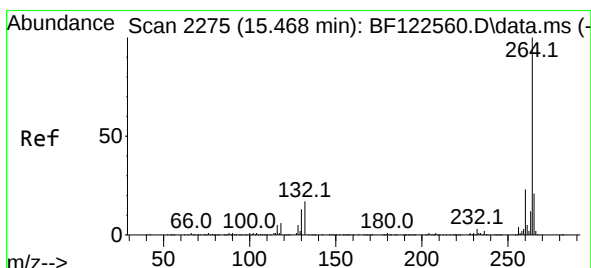
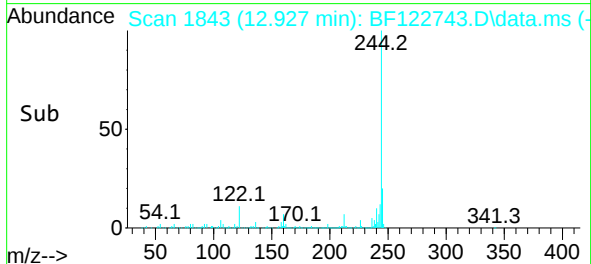
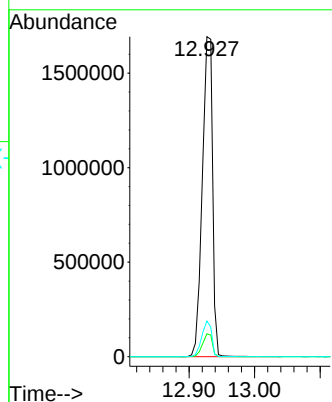
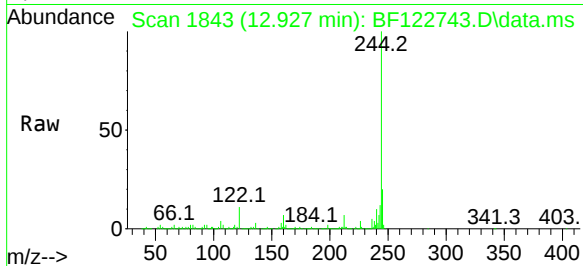




#79
Terphenyl-d14
Concen: 42.91 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6RE

Tgt Ion:244 Resp: 1846730
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.1 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122743.D
Acq: 16 Dec 2020 11:32

Tgt Ion:264 Resp: 775258
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.9 17.0 25.6

