

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
 Data File : BF122912.D
 Acq On : 4 Jan 2021 17:01
 Operator : JU/CG
 Sample : L5248-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VR16125

Quant Time: Jan 05 00:12:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

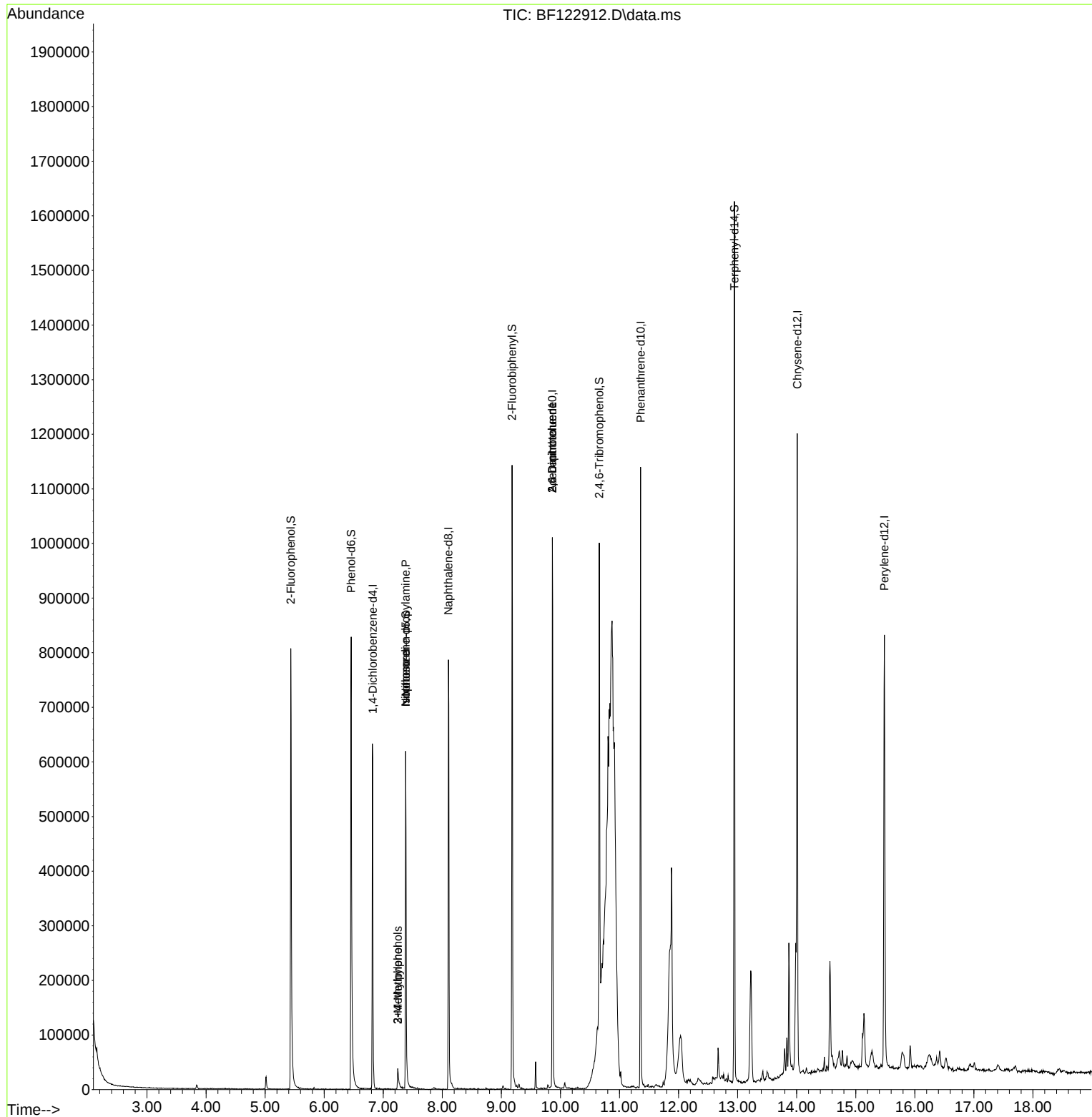
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	104249	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	400486	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	218977	20.00	ng	-0.01
64) Phenanthrene-d10	11.357	188	407157	20.00	ng	0.00
76) Chrysene-d12	14.010	240	397802	20.00	ng	0.00
86) Perylene-d12	15.486	264	367898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	288443	43.80	ng	0.00
7) Phenol-d6	6.457	99	361286	41.37	ng	-0.01
23) Nitrobenzene-d5	7.381	82	210182	26.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	123342	43.03	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	374555	23.14	ng	-0.01
79) Terphenyl-d14	12.945	244	513234	22.58	ng	-0.01
Target Compounds						Qvalue
17) 2-Methylphenol	7.245	107	23388	4.05	ng	# 73
19) n-Nitroso-di-n-propyla...	7.381	70	27172	5.43	ng	# 77
20) 3+4-Methylphenols	7.245	107	23776	3.26	ng	# 61
25) Isophorone	7.381	82	210181	15.27	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	27853	7.54	ng	# 30
57) 2,4-Dinitrotoluene	9.863	165	27853	5.66	ng	# 24

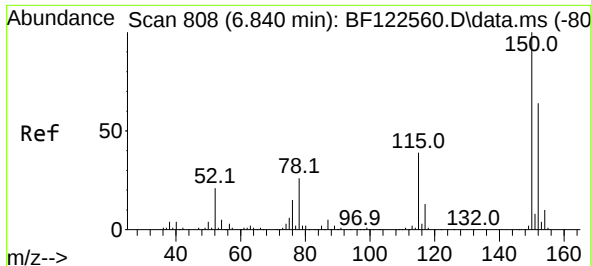
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

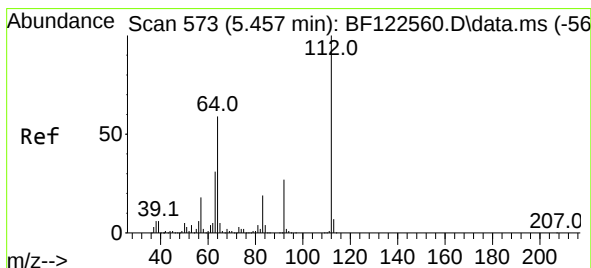
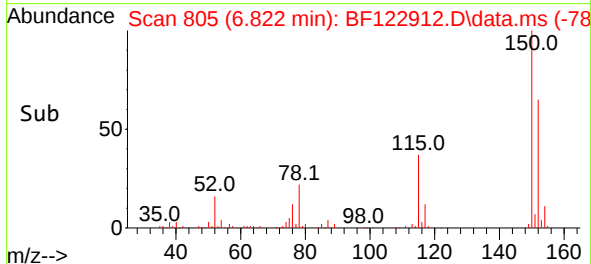
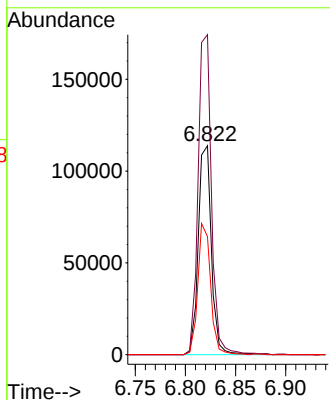
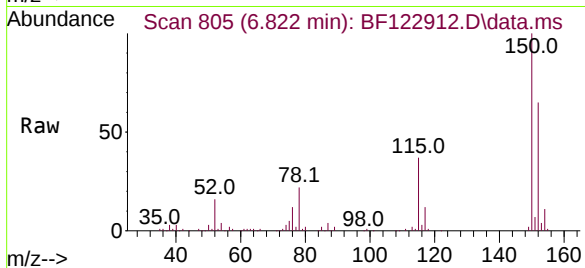




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF122912.D
 Acq: 4 Jan 2021 17:01

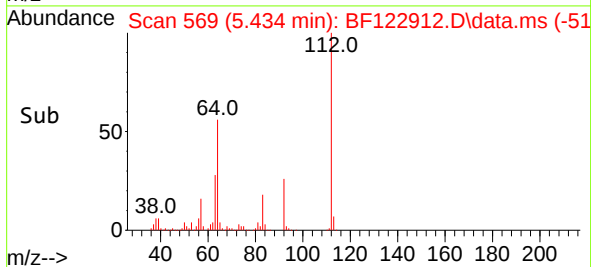
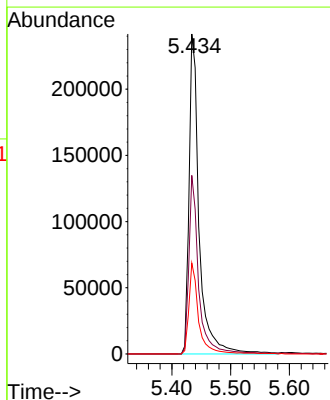
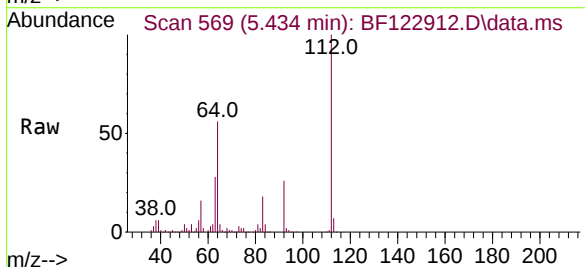
Instrument :
 BNA_F
 ClientSampleId :
 VR16125

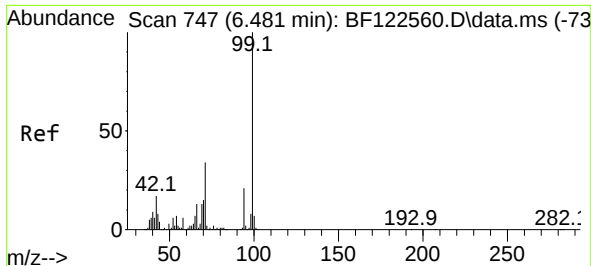
Tgt Ion:152 Resp: 104249
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.8 188.6
 115 56.6 49.3 73.9



#5
 2-Fluorophenol
 Concen: 43.80 ng
 RT: 5.434 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: BF122912.D
 Acq: 4 Jan 2021 17:01

Tgt Ion:112 Resp: 288443
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.9 70.3
 63 28.4 24.5 36.7

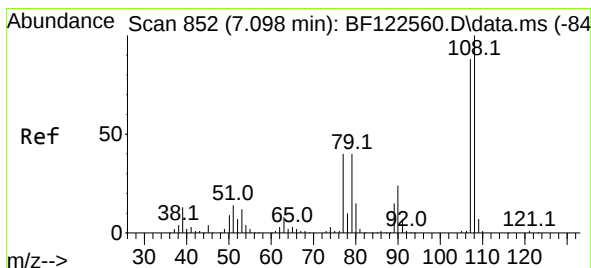
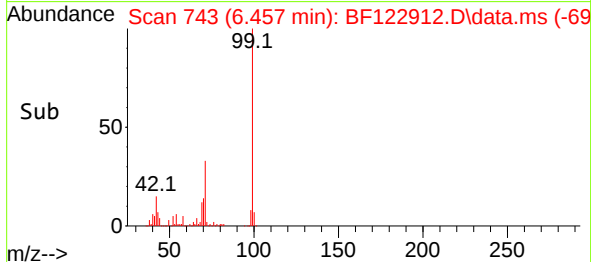
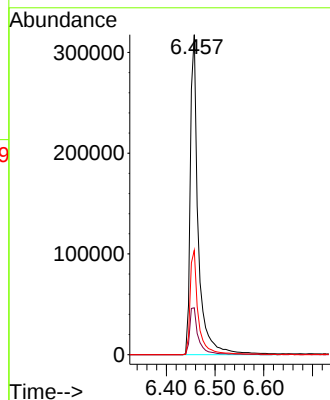
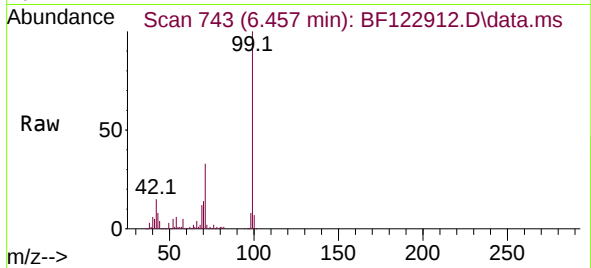




#7
Phenol-d6
Concen: 41.37 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

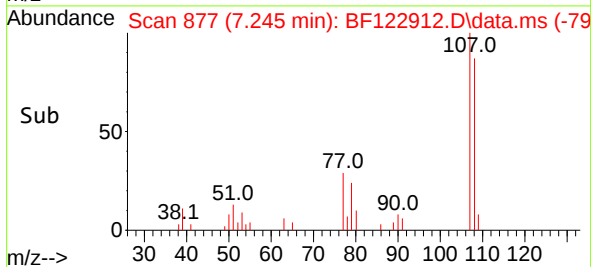
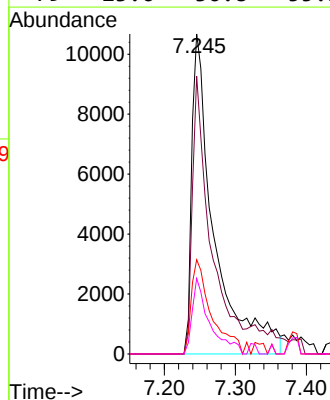
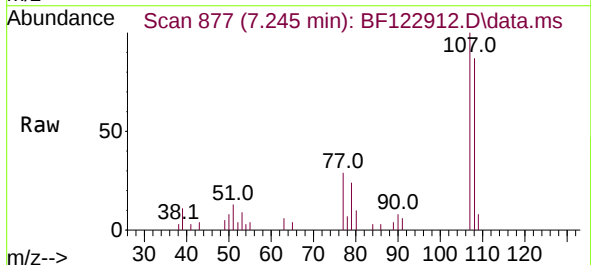
Instrument :
BNA_F
ClientSampleId :
VR16125

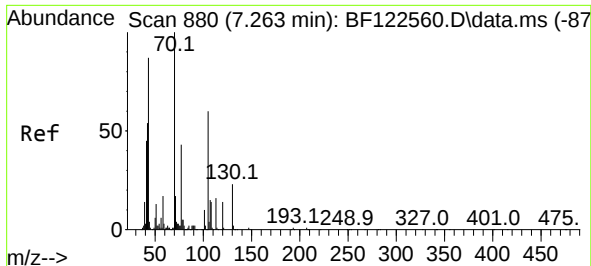
Tgt Ion: 99 Resp: 361286
Ion Ratio Lower Upper
99 100
42 14.6 13.8 20.6
71 32.6 26.9 40.3



#17
2-Methylphenol
Concen: 4.05 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.159 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

Tgt Ion: 107 Resp: 23388
Ion Ratio Lower Upper
107 100
108 86.8 91.1 136.7#
77 29.5 36.3 54.5#
79 23.6 36.8 55.2#

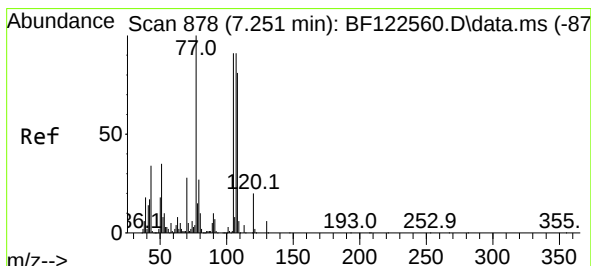
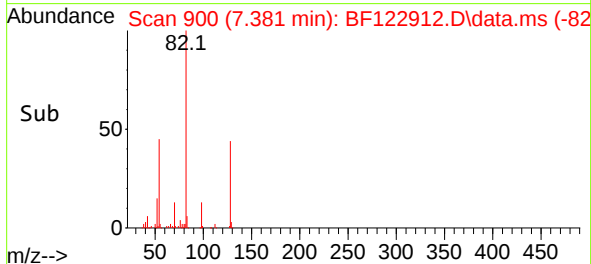
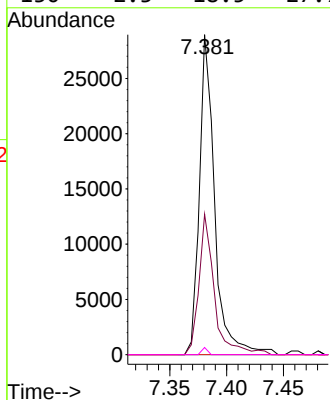
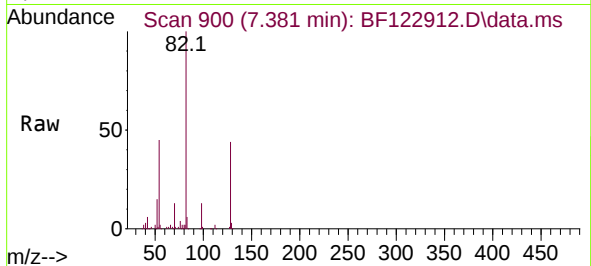




#19
n-Nitroso-di-n-propylamine
Concen: 5.43 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.130 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

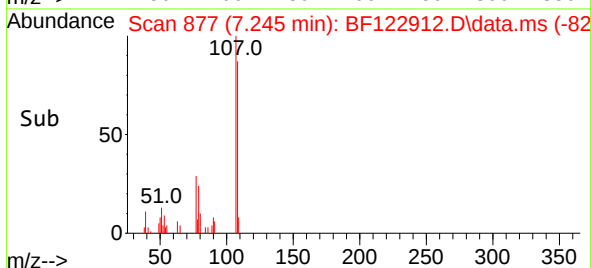
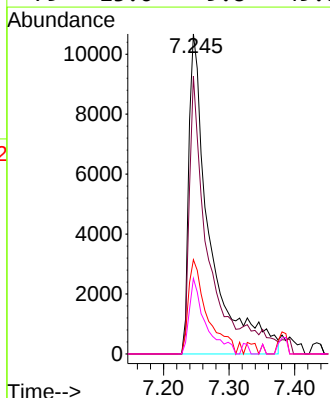
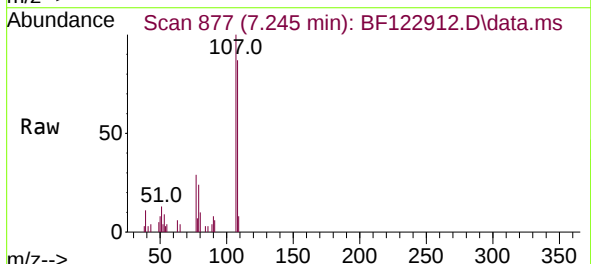
Instrument :
BNA_F
ClientSampleId :
VR16125

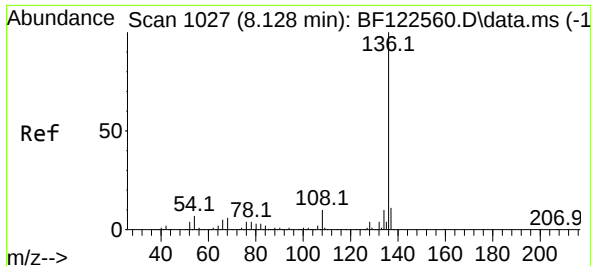
Tgt Ion: 70	Resp: 27172
Ion Ratio	Lower Upper
70 100	
42 43.9	43.0 64.4
101 0.0	7.9 11.9#
130 2.3	18.5 27.7#



#20
3+4-Methylphenols
Concen: 3.26 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

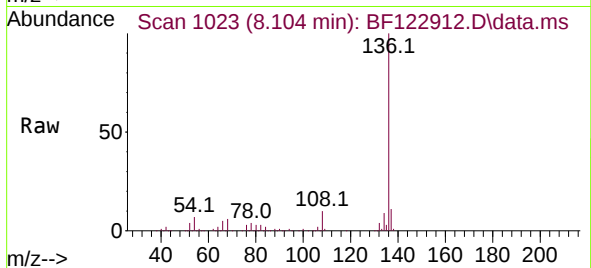
Tgt Ion: 107	Resp: 23776
Ion Ratio	Lower Upper
107 100	
108 86.8	68.7 108.7
77 29.5	89.8 129.8#
79 23.6	9.8 49.8



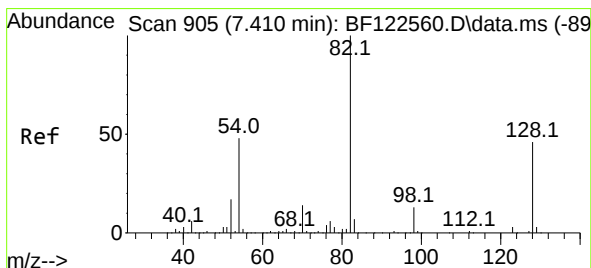
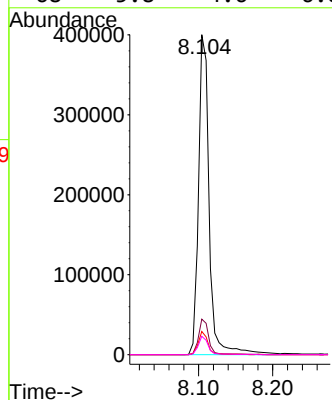
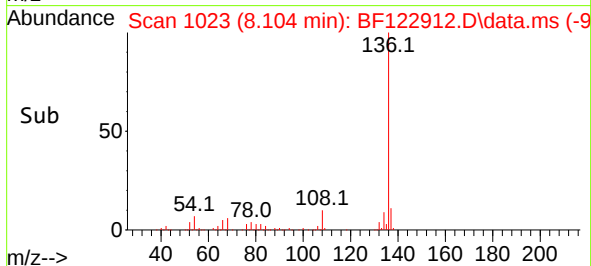


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

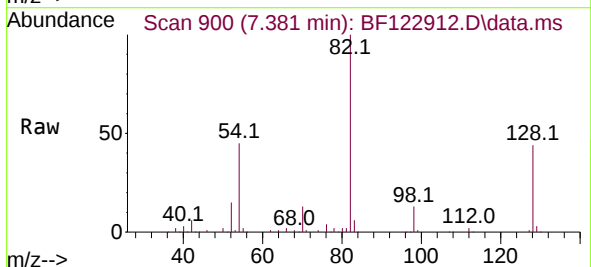
Instrument :
BNA_F
ClientSampleId :
VR16125



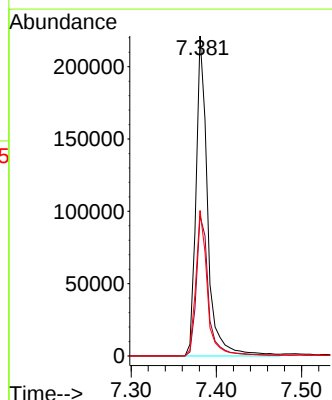
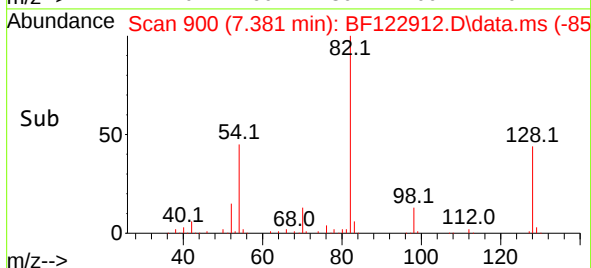
Tgt Ion:136	Resp: 400486
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 7.3	5.5 8.3
68 5.8	4.6 6.8

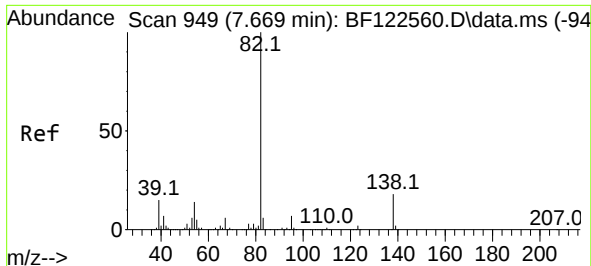


#23
Nitrobenzene-d5
Concen: 26.29 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01



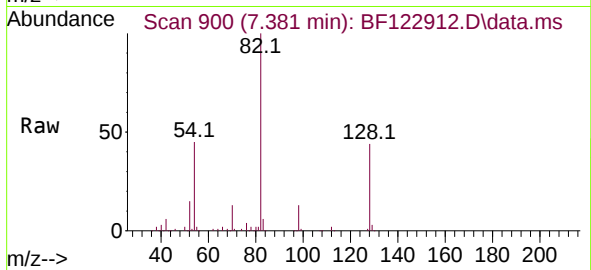
Tgt Ion: 82	Resp: 210182
Ion Ratio	Lower Upper
82 100	
128 43.8	37.0 55.4
54 45.4	38.4 57.6



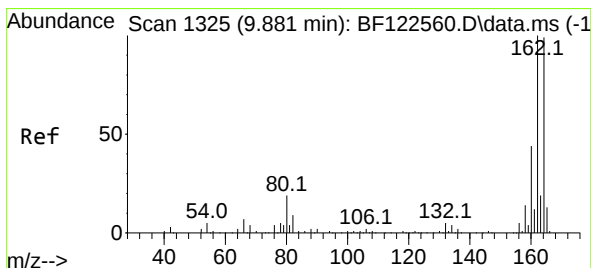
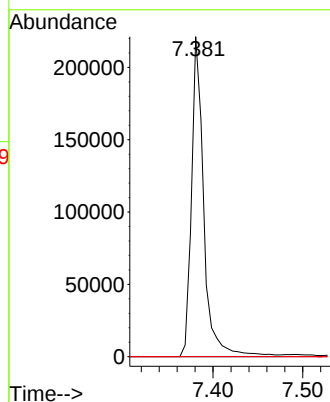
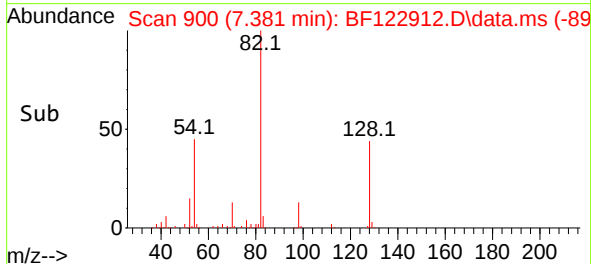


#25
Isophorone
Concen: 15.27 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.276 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

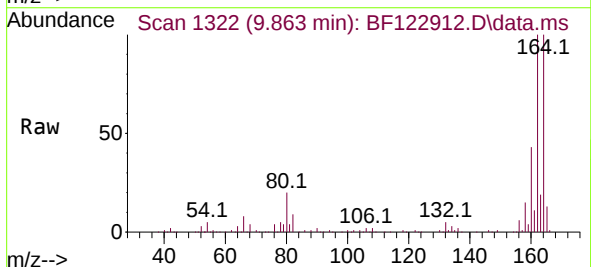
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ClientSampleId :
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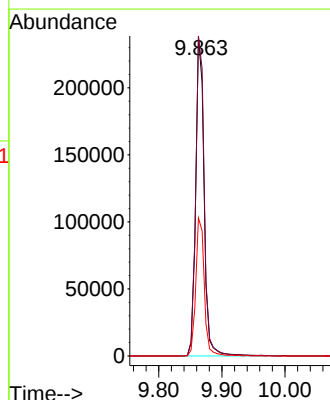
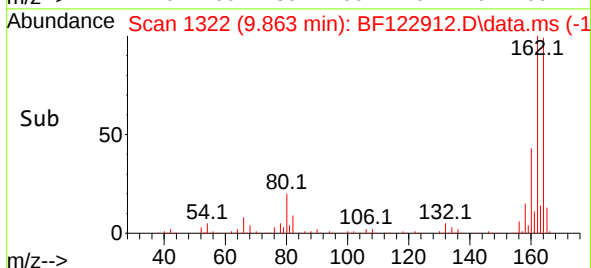
Tgt Ion: 82 Resp: 210181
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

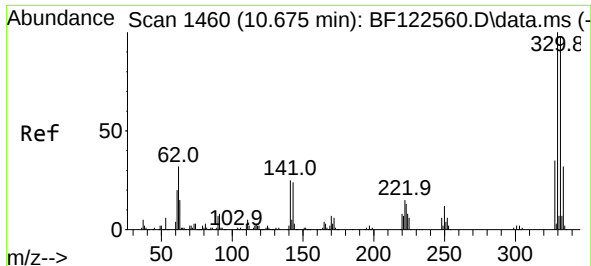


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01



Tgt Ion: 164 Resp: 218977
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 43.2 35.4 53.0

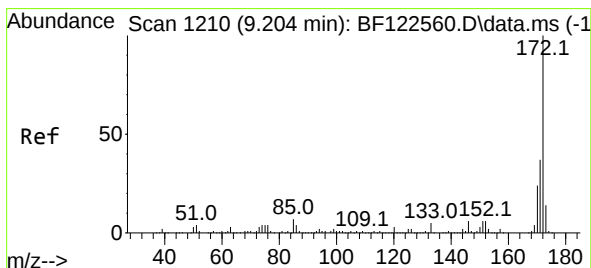
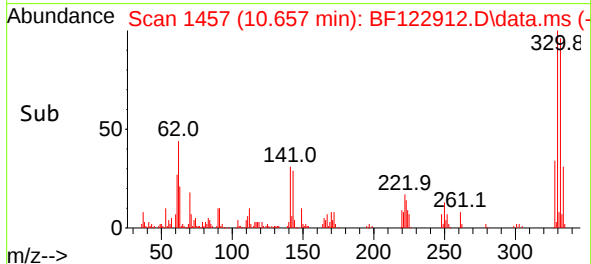
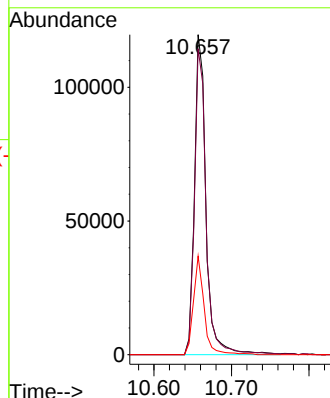
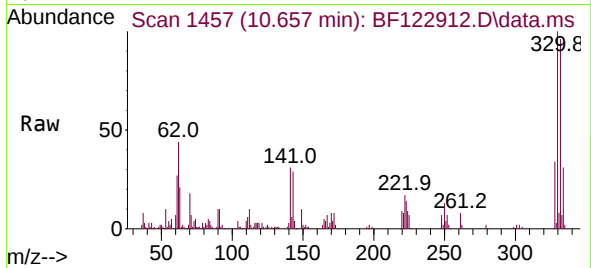




#42
2,4,6-Tribromophenol
Concen: 43.03 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

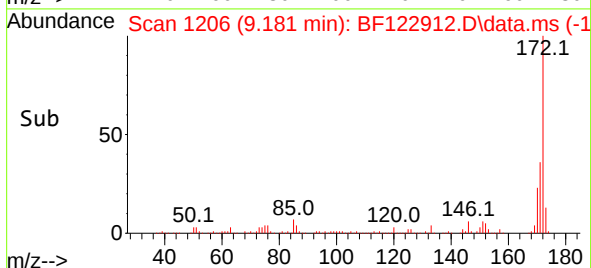
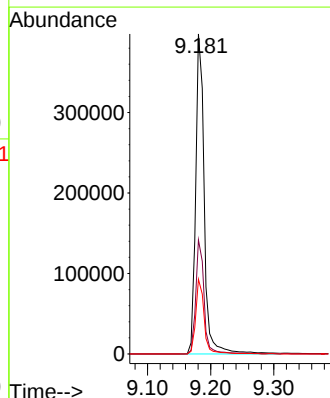
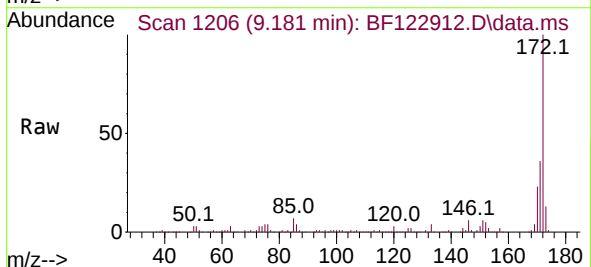
Instrument :
BNA_F
ClientSampleID :
VR16125

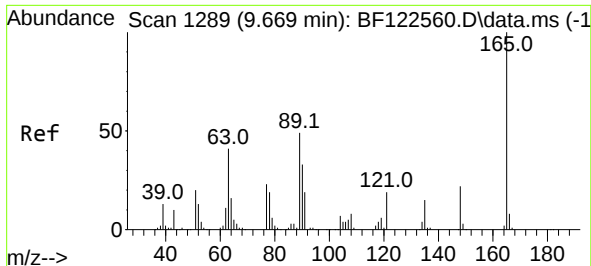
Tgt Ion:330 Resp: 123342
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 23.14 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.012 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

Tgt Ion:172 Resp: 374555
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.3 19.5 29.3

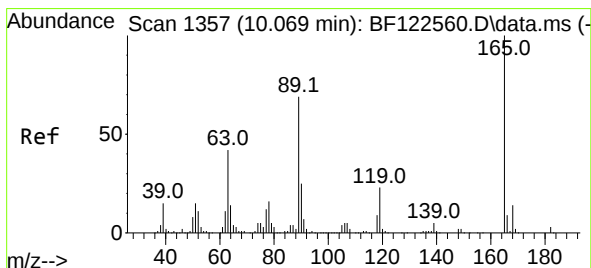
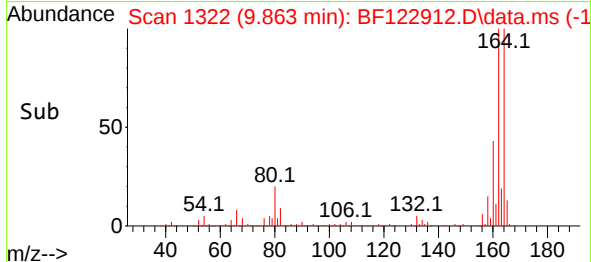
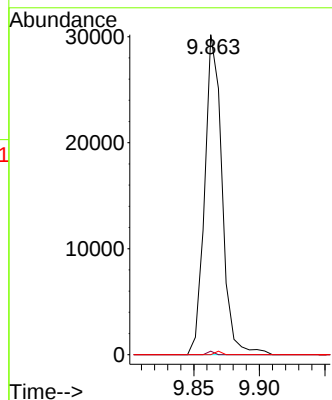
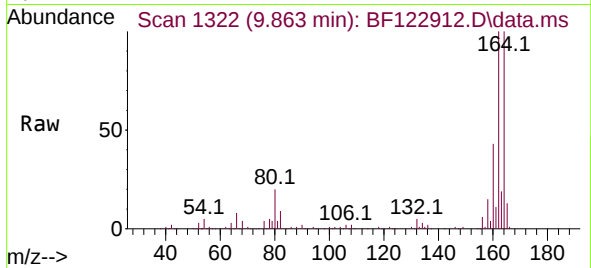




#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

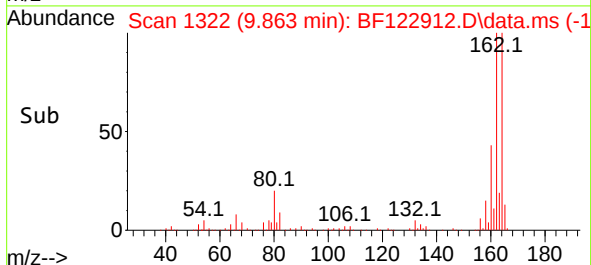
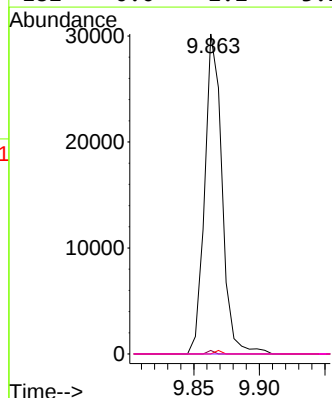
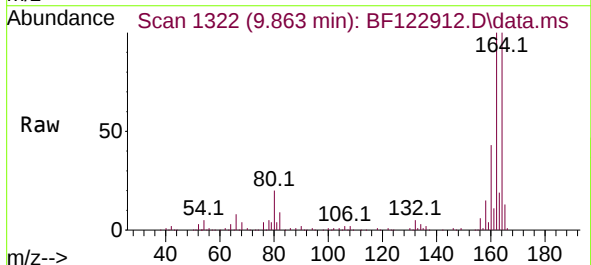
Instrument :
BNA_F
ClientSampleId :
VR16125

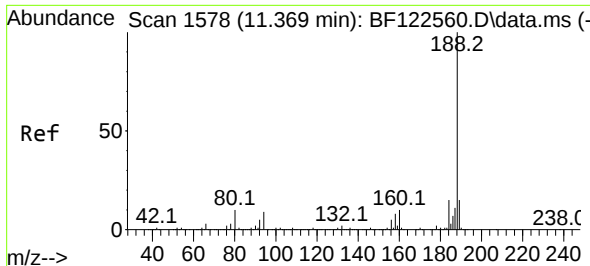
Tgt Ion:165 Resp: 27853
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 0.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.212 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

Tgt Ion:165 Resp: 27853
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 0.0 55.2 82.8#
182 0.0 2.2 3.2#

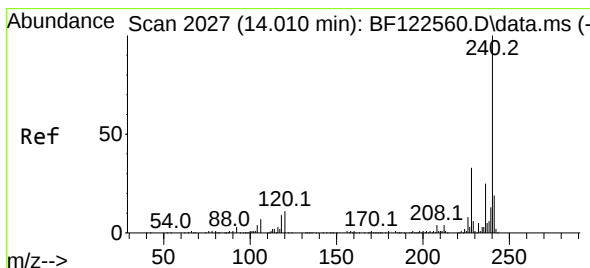
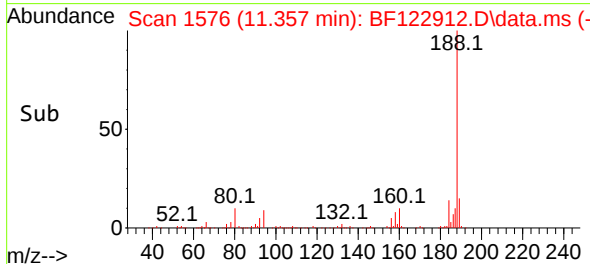
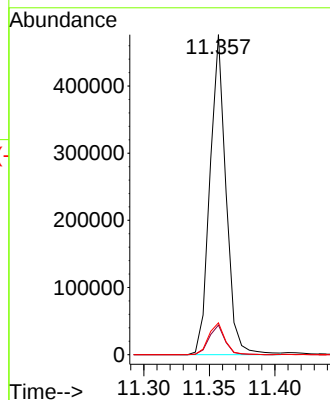
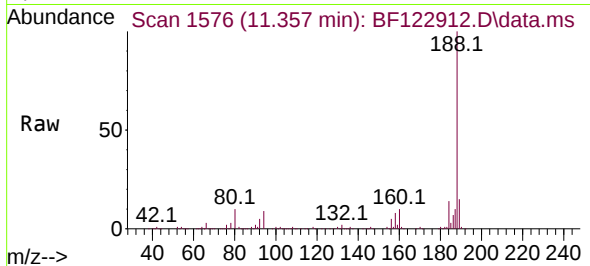




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

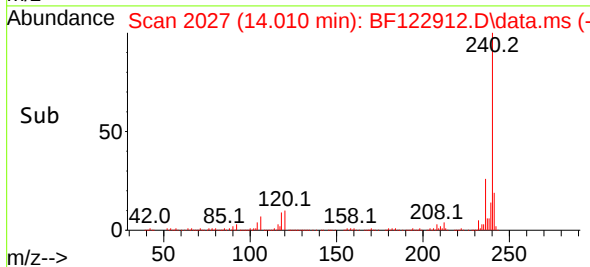
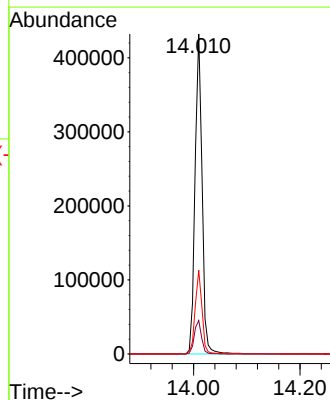
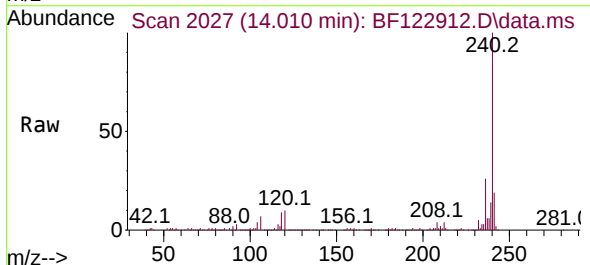
Instrument :
BNA_F
ClientSampleId :
VR16125

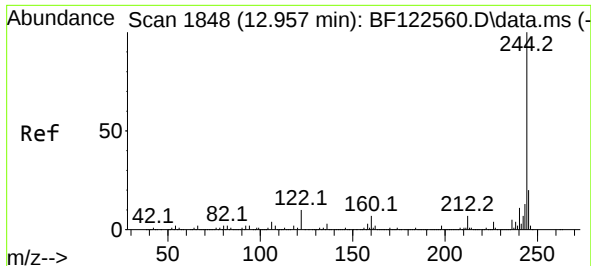
Tgt Ion:188 Resp: 407157
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122912.D
Acq: 4 Jan 2021 17:01

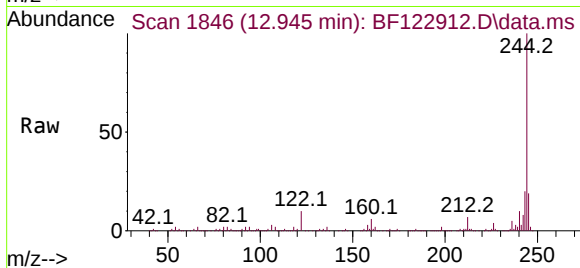
Tgt Ion:240 Resp: 397802
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 26.2 20.3 30.5



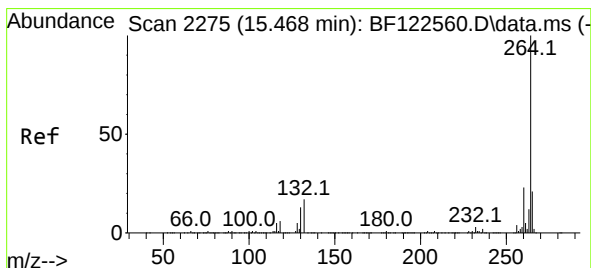
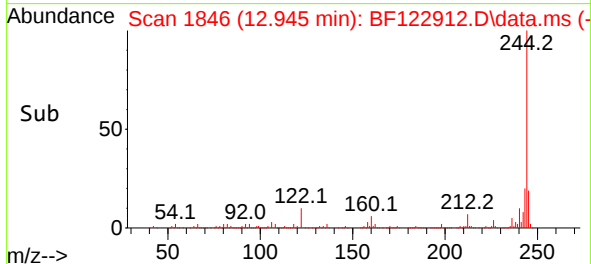
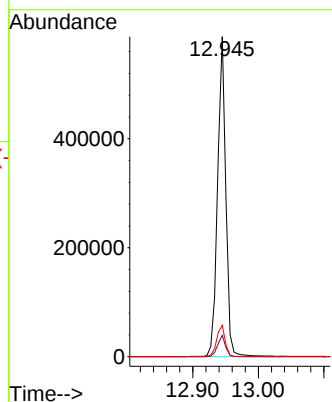


#79
 Terphenyl-d14
 Concen: 22.58 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF122912.D
 Acq: 4 Jan 2021 17:01

Instrument :
 BNA_F
 ClientSampleId :
 VR16125



Tgt Ion:244 Resp: 513234
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF122912.D
 Acq: 4 Jan 2021 17:01

Tgt Ion:264 Resp: 367898
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.0 17.0 25.6

