

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122703.D
 Acq On : 14 Dec 2020 13:42
 Operator : JU/CG
 Sample : L5022-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-E6

Quant Time: Dec 14 16:54:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

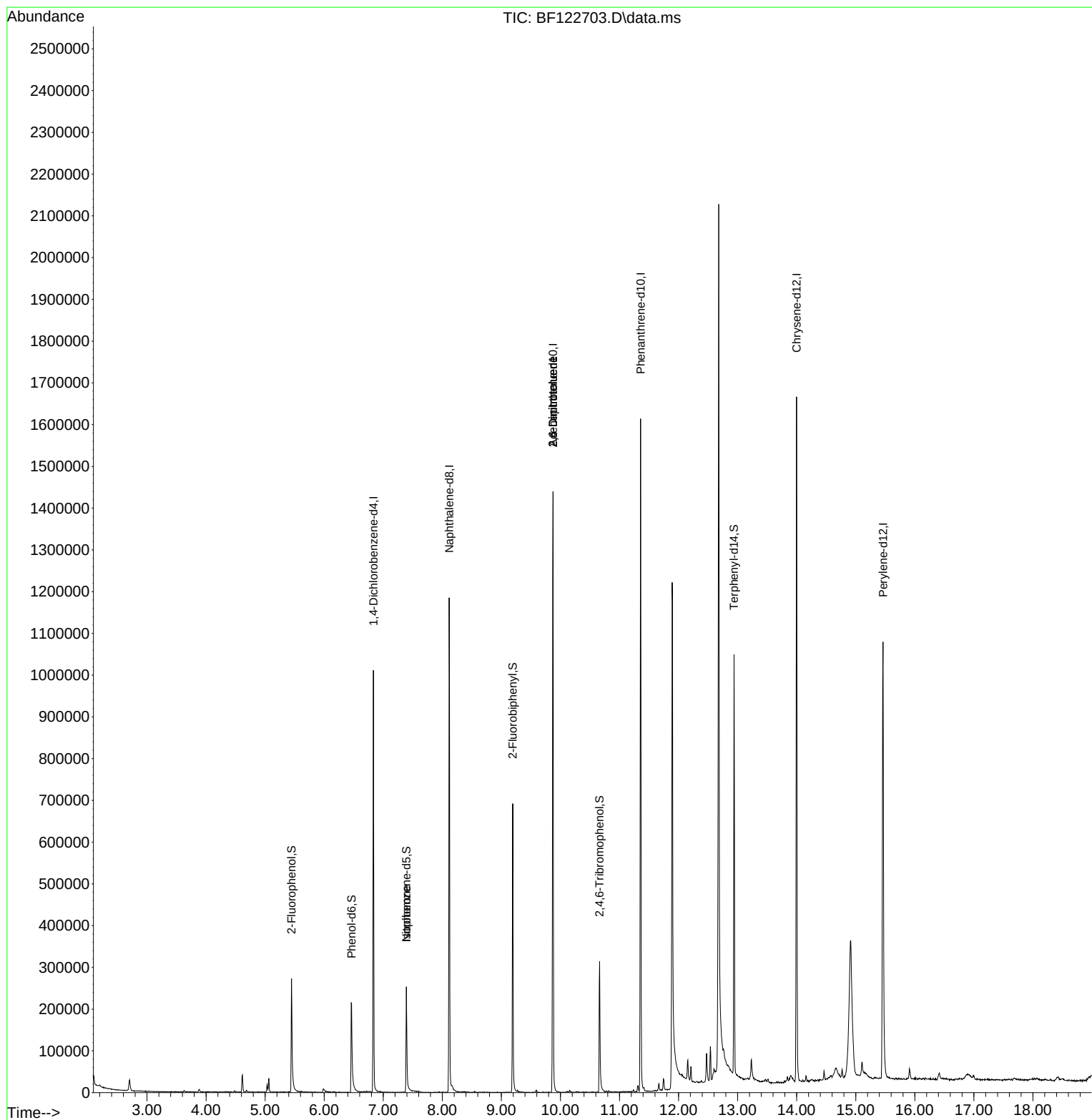
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	147117	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	582956	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	311494	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	598017	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	587321	20.00	ng	-0.01
86) Perylene-d12	15.462	264	555123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	107207	11.54	ng	-0.01
7) Phenol-d6	6.463	99	123429	10.02	ng	-0.02
23) Nitrobenzene-d5	7.392	82	95428	8.20	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	53912	13.22	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	224633	9.75	ng	-0.01
79) Terphenyl-d14	12.939	244	296590	8.84	ng	-0.02
Target Compounds						
25) Isophorone	7.392	82	95427	4.76	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	39997	7.61	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	39997	5.72	ng	# 25

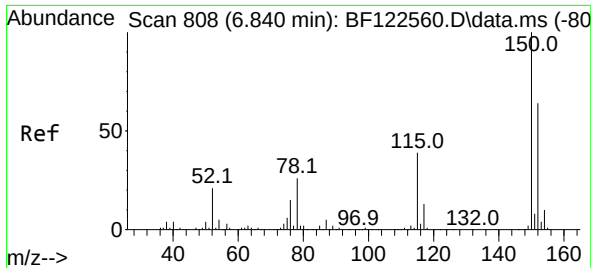
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
Data File : BF122703.D
Acq On : 14 Dec 2020 13:42
Operator : JU/CG
Sample : L5022-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

Quant Time: Dec 14 16:54:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

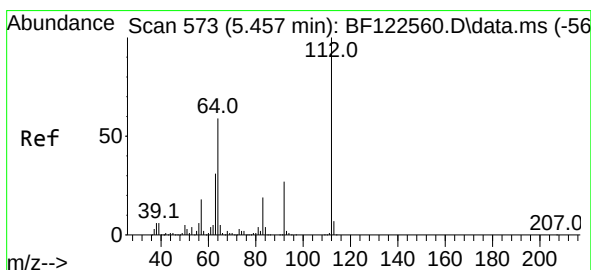
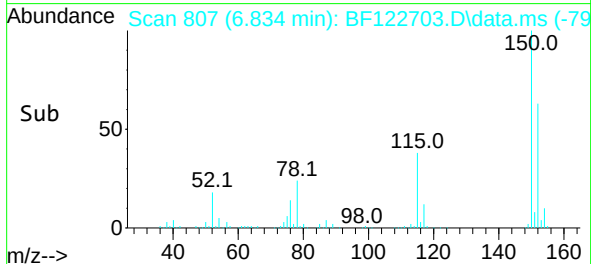
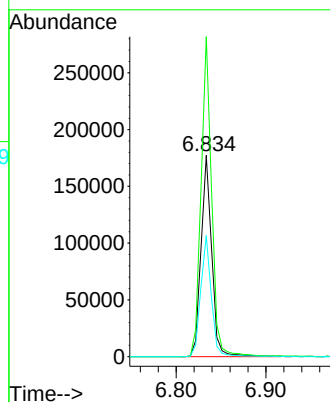
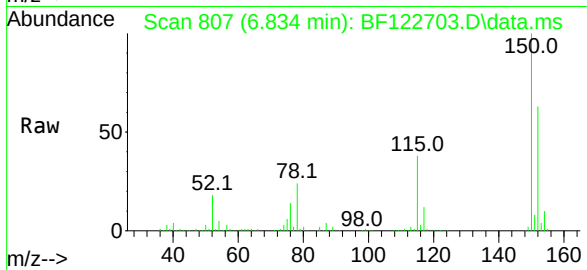




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

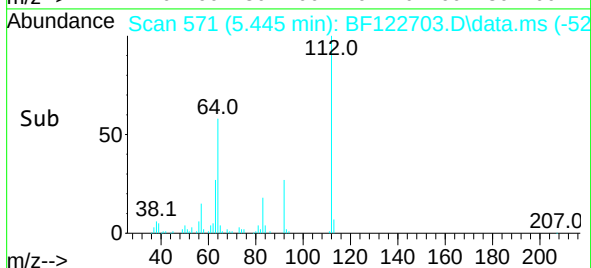
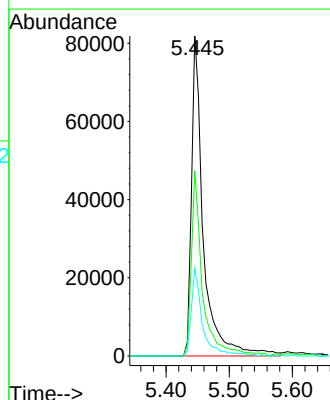
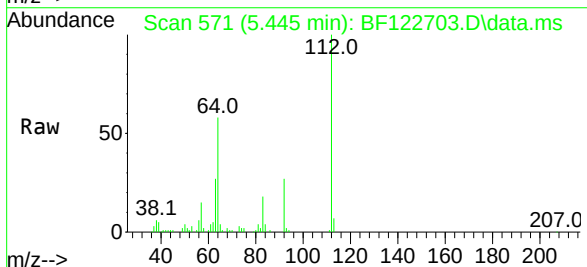
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

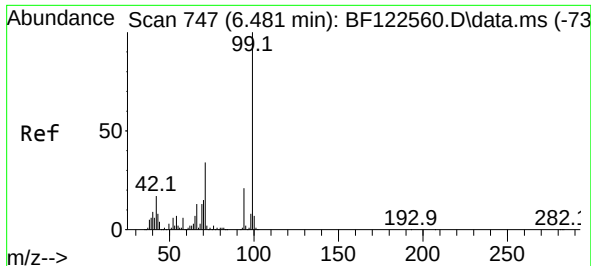
Tgt Ion:152 Resp: 147117
Ion Ratio Lower Upper
152 100
150 159.0 125.8 188.6
115 60.2 49.3 73.9



#5
2-Fluorophenol
Concen: 11.54 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.012 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

Tgt Ion:112 Resp: 107207
Ion Ratio Lower Upper
112 100
64 57.8 46.9 70.3
63 27.3 24.5 36.7

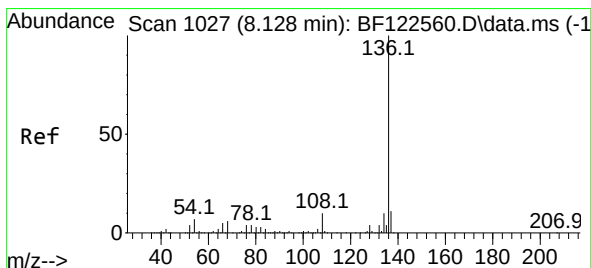
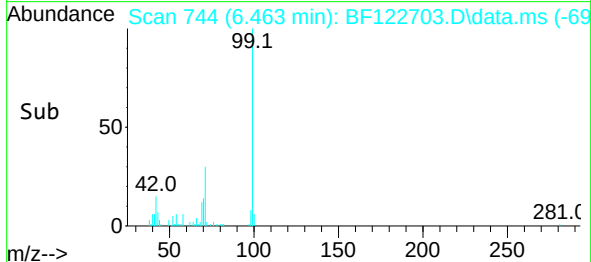
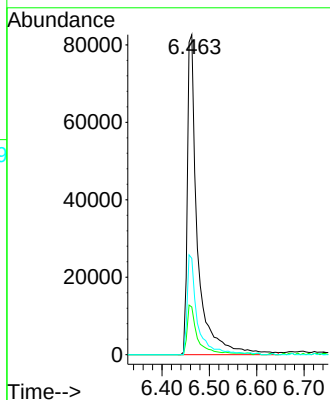
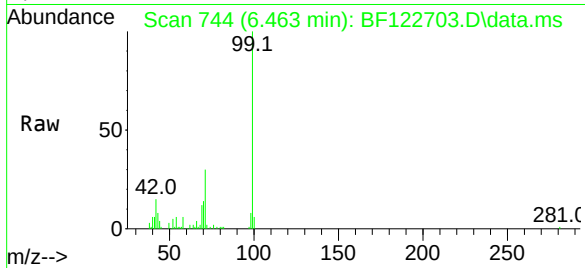




#7
Phenol-d6
Concen: 10.02 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

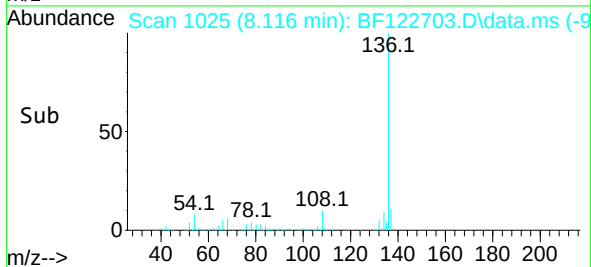
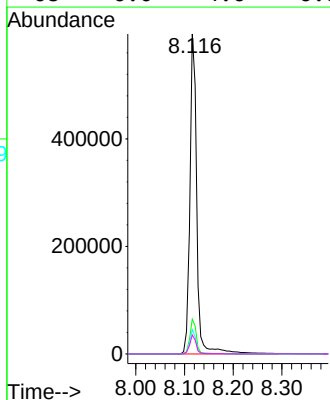
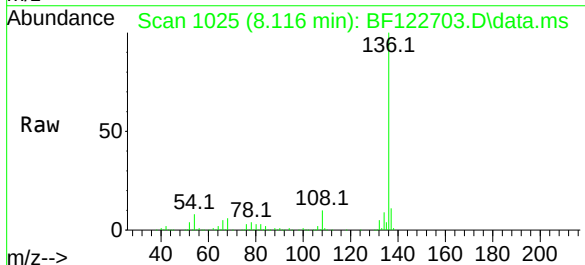
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

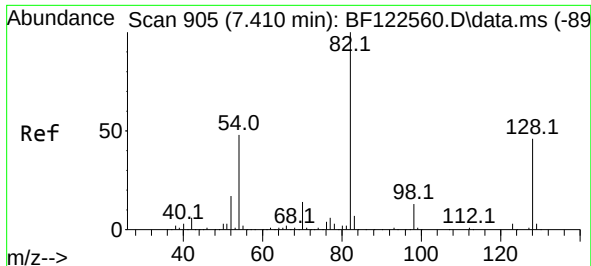
Tgt Ion: 99 Resp: 123429
Ion Ratio Lower Upper
99 100
42 14.9 13.8 20.6
71 30.1 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

Tgt Ion: 136 Resp: 582956
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.5 8.3
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 8.20 ng

RT: 7.392 min Scan# 902

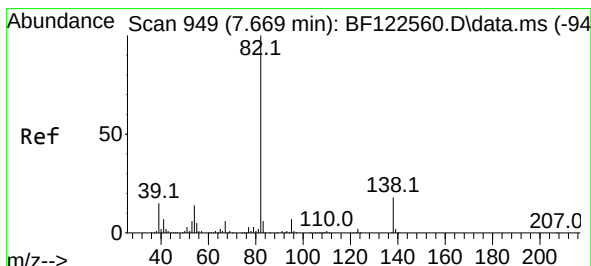
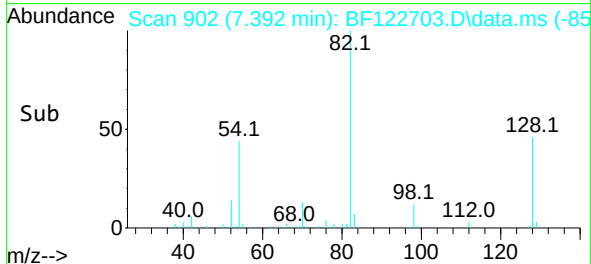
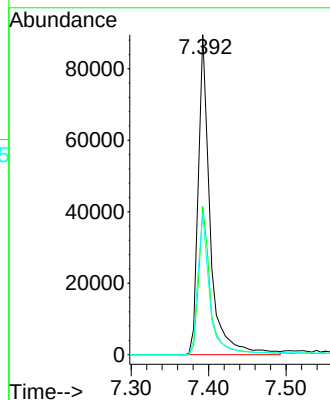
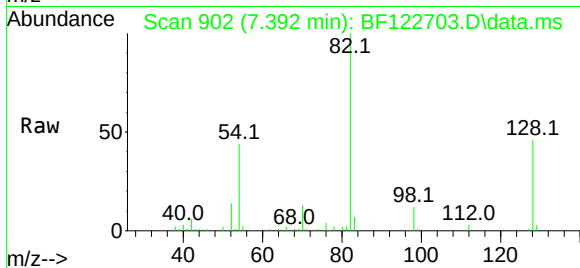
Delta R.T. -0.018 min

Lab File: BF122703.D

Acq: 14 Dec 2020 13:42

Tgt Ion: 82 Resp: 95428

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	44.0	38.4	57.6



#25

Isophorone

Concen: 4.76 ng

RT: 7.392 min Scan# 902

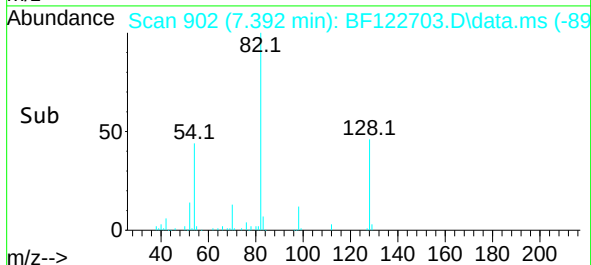
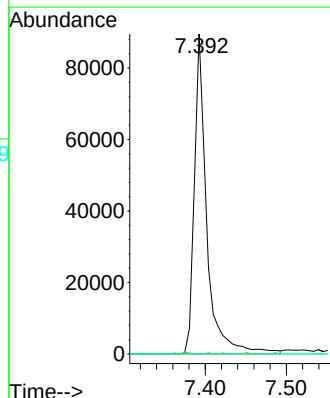
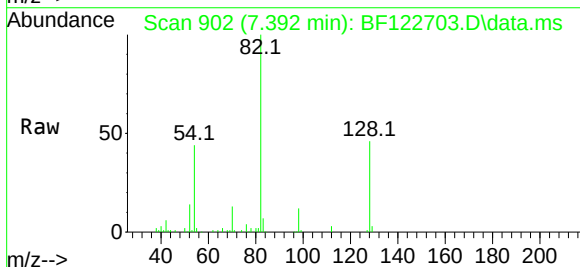
Delta R.T. -0.277 min

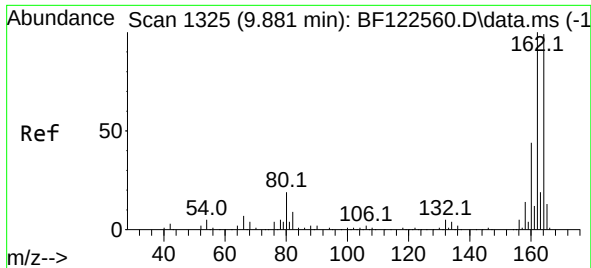
Lab File: BF122703.D

Acq: 14 Dec 2020 13:42

Tgt Ion: 82 Resp: 95427

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

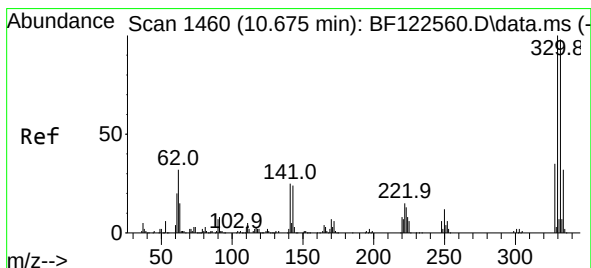
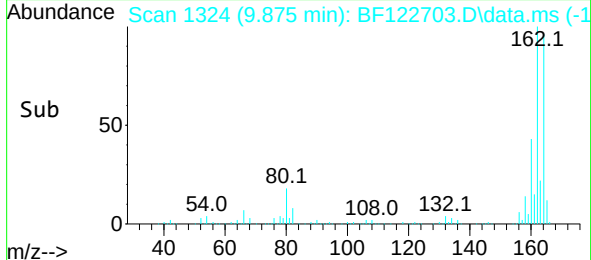
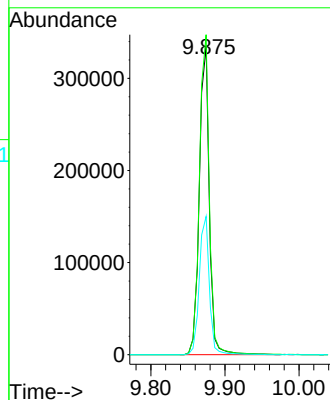
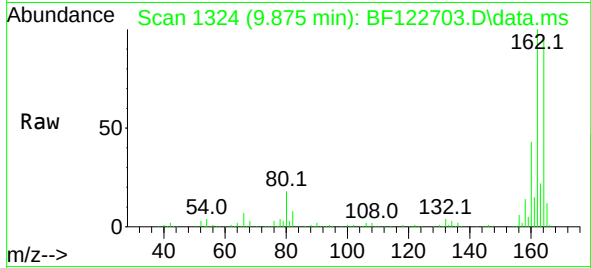




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

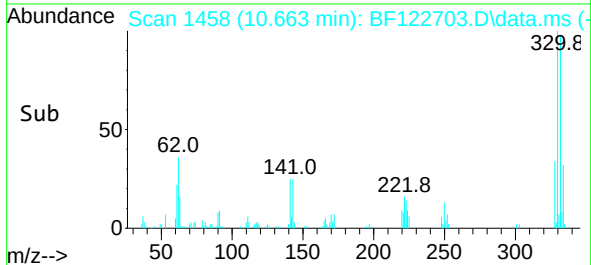
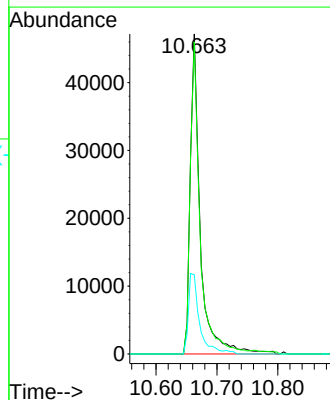
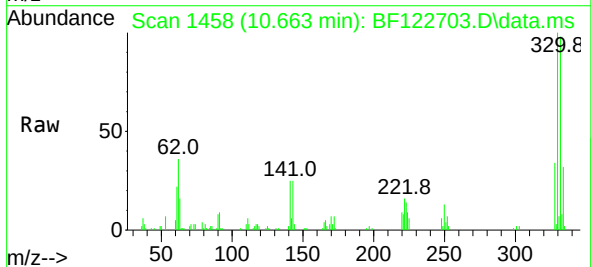
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

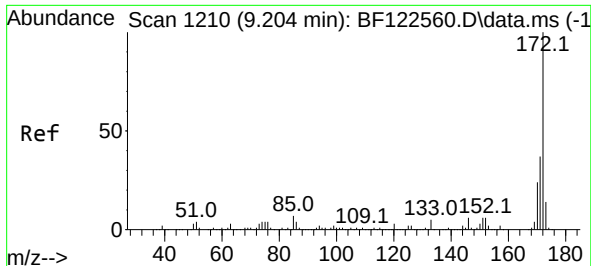
Tgt Ion:164 Resp: 311494
Ion Ratio Lower Upper
164 100
162 104.0 80.8 121.2
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 13.22 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

Tgt Ion:330 Resp: 53912
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 28.0 23.8 35.8

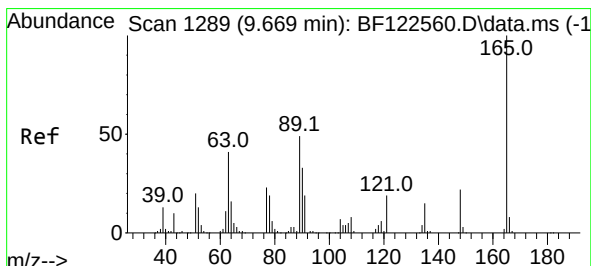
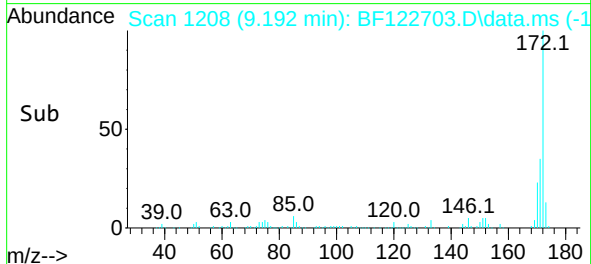
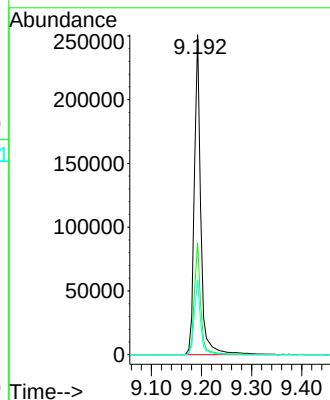
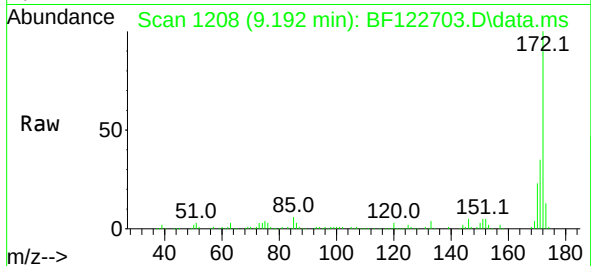




#45
2-Fluorobiphenyl
Concen: 9.75 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

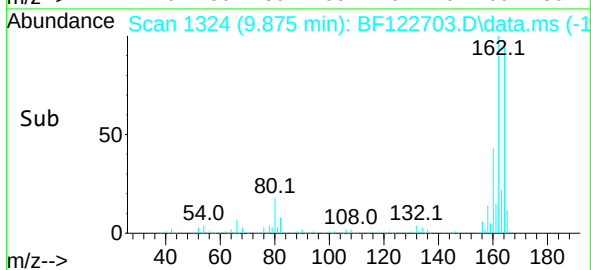
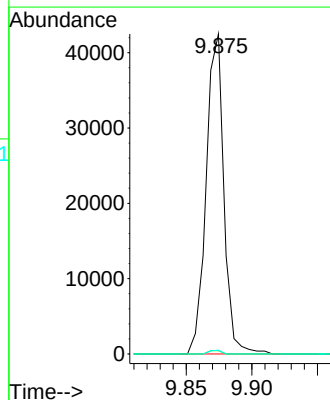
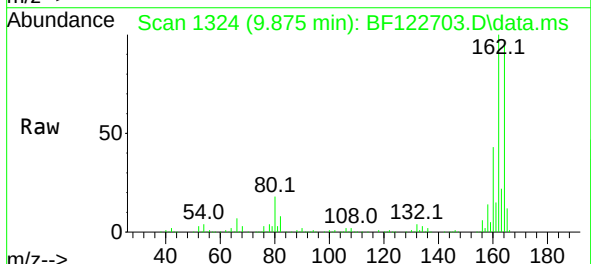
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

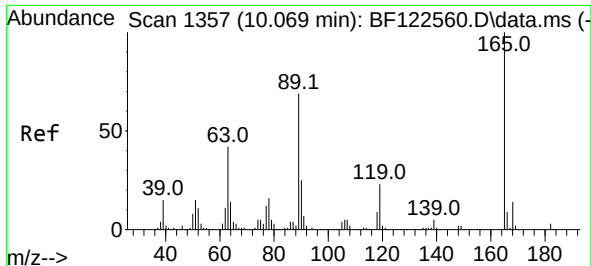
Tgt Ion:172 Resp: 224633
Ion Ratio Lower Upper
172 100
171 34.9 29.6 44.4
170 23.3 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.61 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

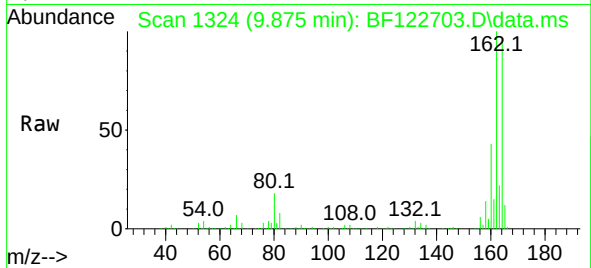
Tgt Ion:165 Resp: 39997
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.2 39.4 59.0#



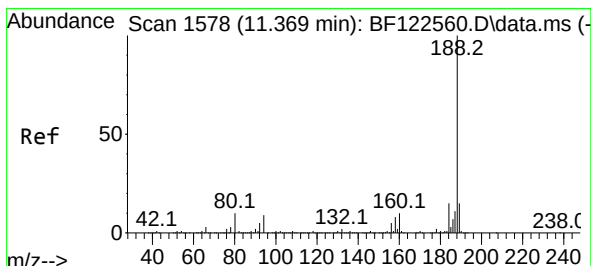
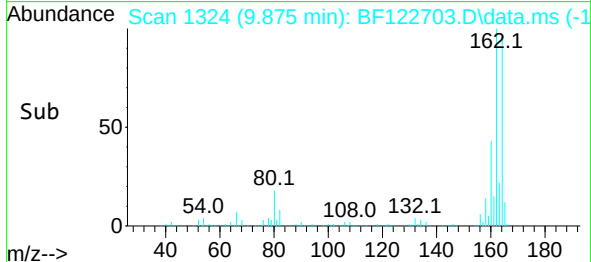
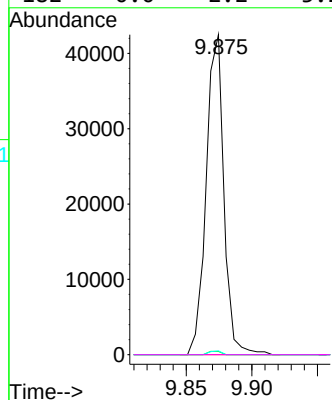


#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

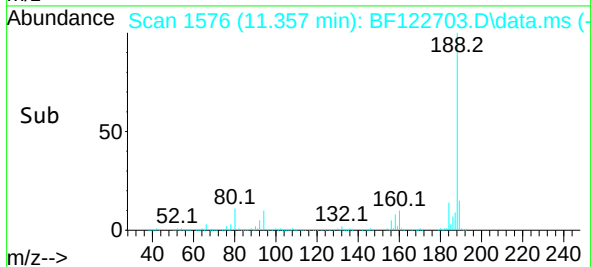
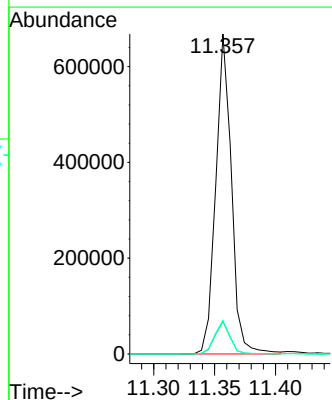
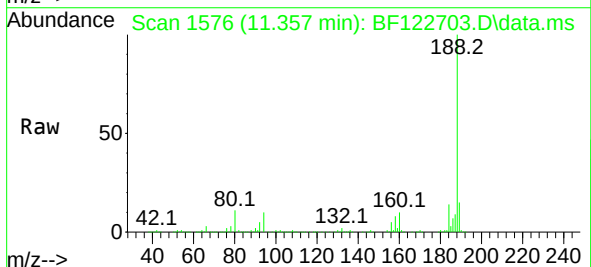


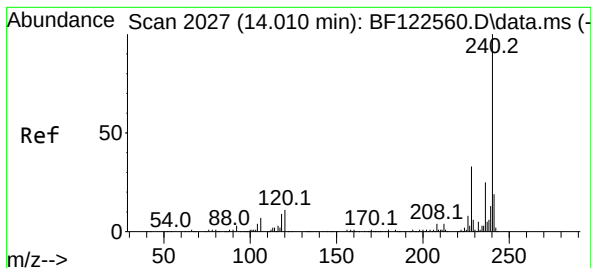
Tgt Ion:165	Resp:	39997
Ion Ratio	Lower	Upper
165	100	
63	1.0	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

Tgt Ion:188	Resp:	598017
Ion Ratio	Lower	Upper
188	100	
94	10.1	7.4 11.2
80	10.6	8.2 12.4

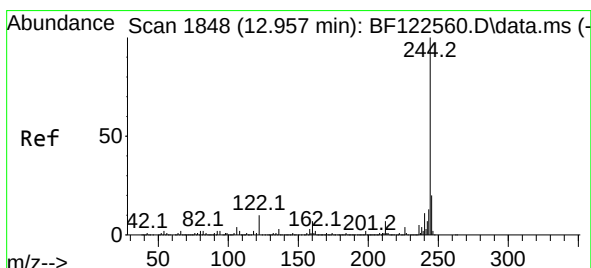
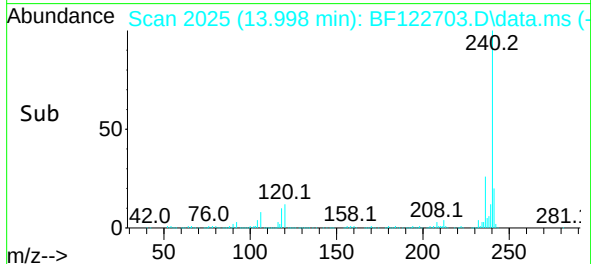
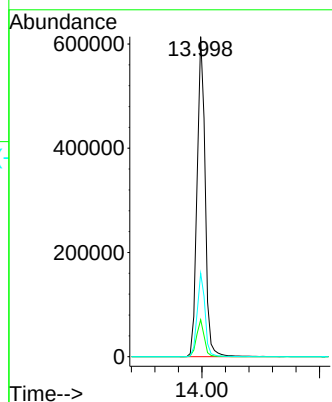
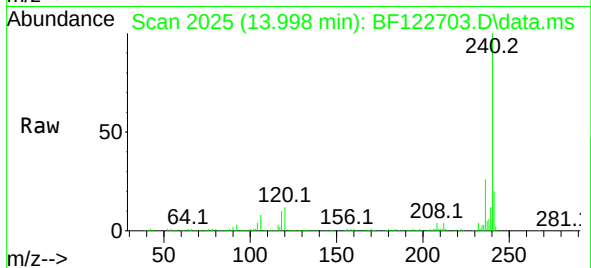




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

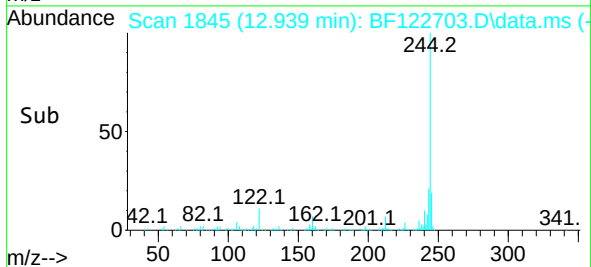
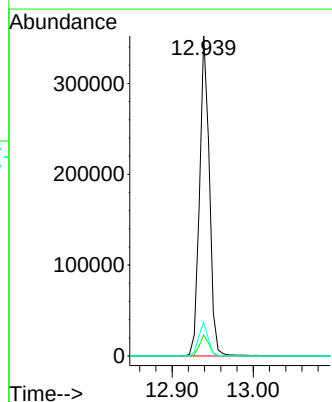
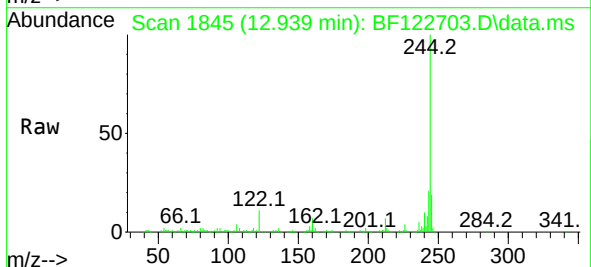
Instrument :
BNA_F
ClientSampleId :
WCS-OH-E6

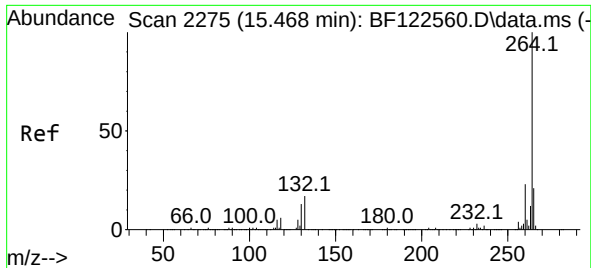
Tgt Ion:240 Resp: 587321
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 8.84 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.018 min
Lab File: BF122703.D
Acq: 14 Dec 2020 13:42

Tgt Ion:244 Resp: 296590
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 10.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF122703.D
 Acq: 14 Dec 2020 13:42

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-E6

Tgt Ion:	264	Resp:	555123
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.0	25.6

