

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122594.D
 Acq On : 8 Dec 2020 18:16
 Operator : JU/CG
 Sample : L4965-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT012

Quant Time: Dec 09 01:11:35 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

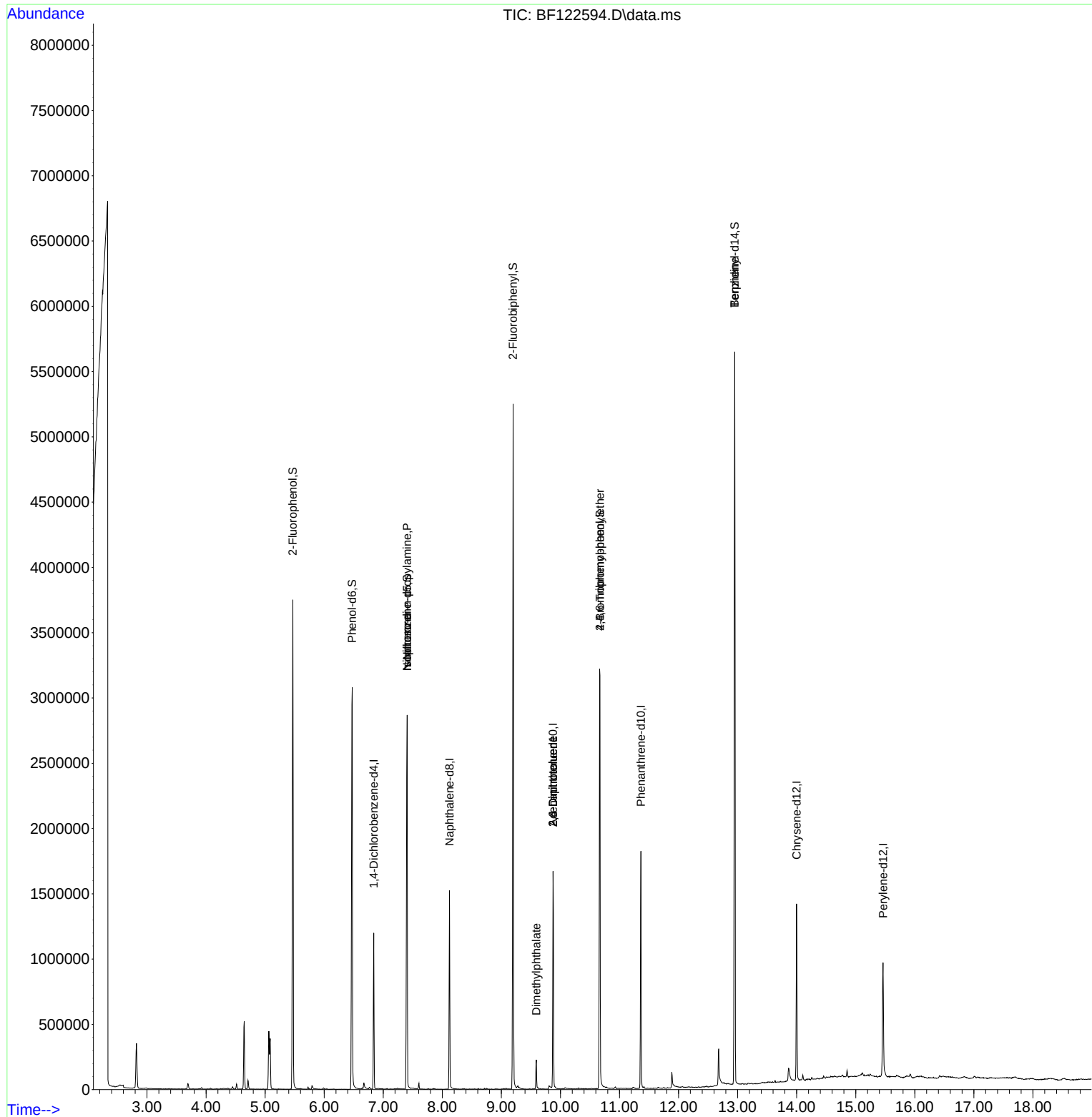
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	161240	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	626501	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	342434	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	633190	20.00	ng	0.00
76) Chrysene-d12	13.998	240	456599	20.00	ng	-0.01
86) Perylene-d12	15.462	264	424504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1098106	107.82	ng	0.01
7) Phenol-d6	6.475	99	1237966	91.65	ng	0.00
23) Nitrobenzene-d5	7.404	82	955067	76.38	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	475144	106.00	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1696689	67.02	ng	0.00
79) Terphenyl-d14	12.951	244	1941648	74.44	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	128522	16.61	ng	# 77
25) Isophorone	7.404	82	948236	44.03	ng	# 65
50) Dimethylphthalate	9.592	163	97024	3.55	ng	98
51) 2,6-Dinitrotoluene	9.875	165	43851	7.59	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	43851	5.70	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	29808	3.47	ng	# 1
77) Benzidine	12.951	184	24797	2.51	ng	# 91

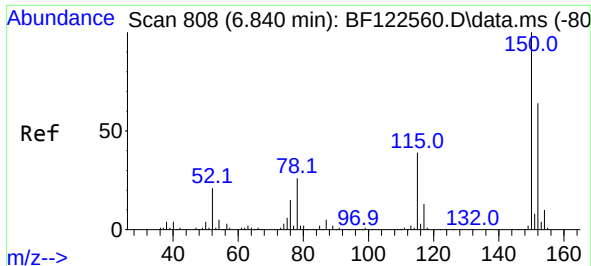
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
Data File : BF122594.D
Acq On : 8 Dec 2020 18:16
Operator : JU/CG
Sample : L4965-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT012

Quant Time: Dec 09 01:11:35 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

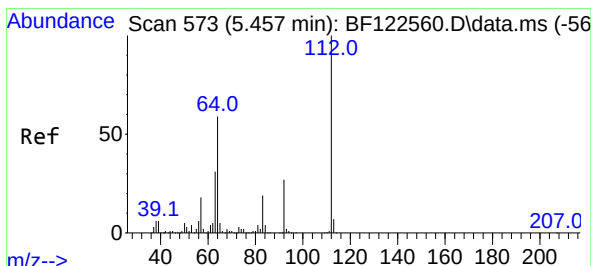
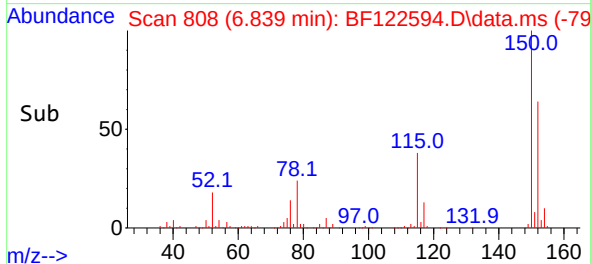
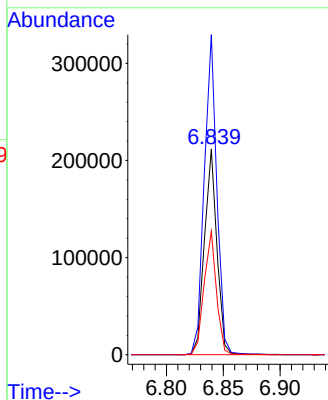
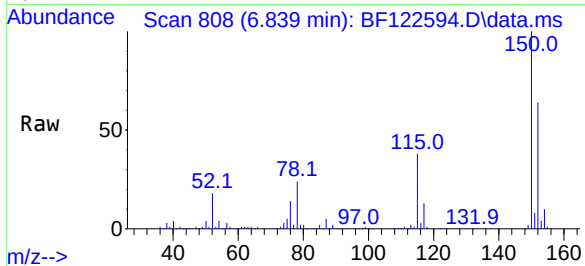




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

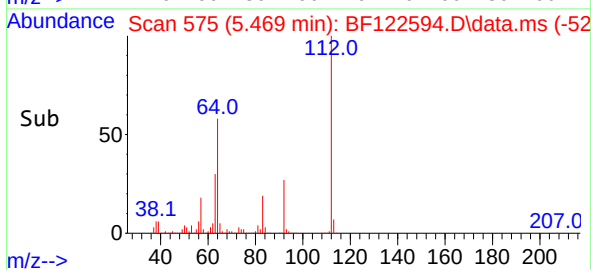
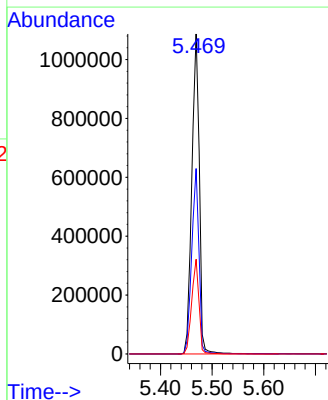
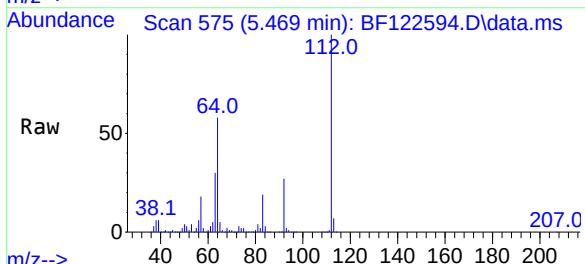
Instrument :
BNA_F
ClientSampleId :
CRT012

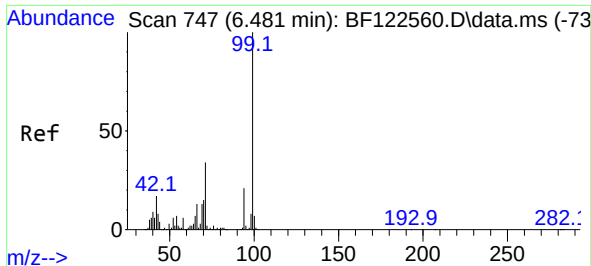
Tgt Ion:152 Resp: 161240
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 59.9 49.3 73.9



#5
2-Fluorophenol
Concen: 107.82 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Tgt Ion:112 Resp: 1098106
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 29.6 24.5 36.7



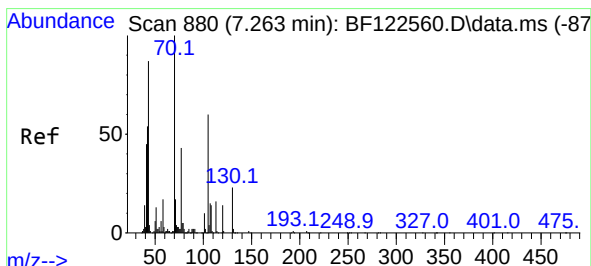
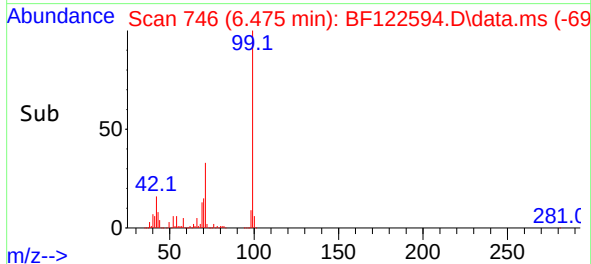
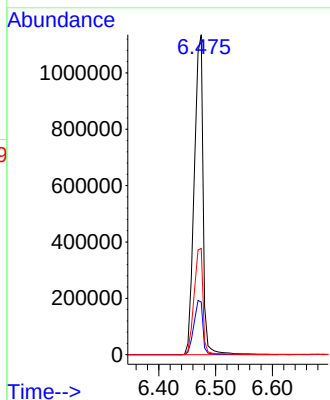
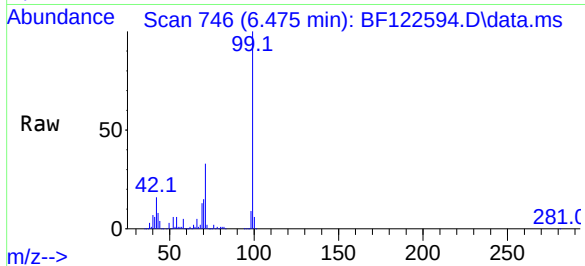


#7
Phenol-d6
Concen: 91.65 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT012

Tgt Ion: 99 Resp: 1237966

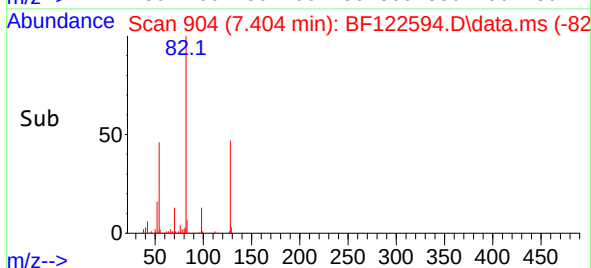
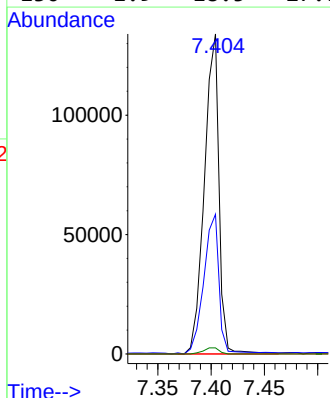
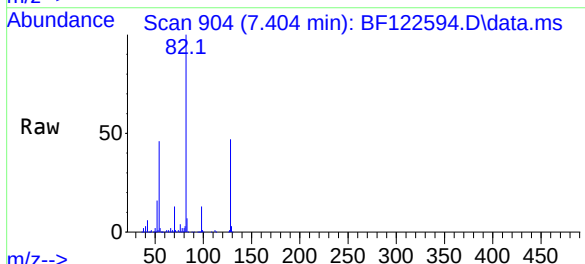
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.6
71	33.2	26.9	40.3

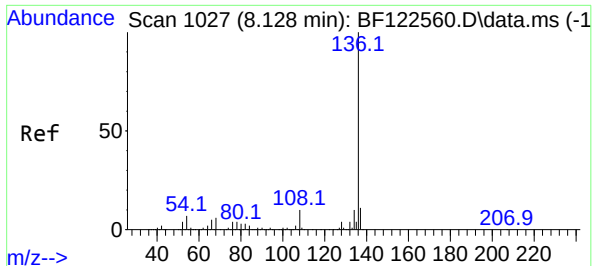


#19
n-Nitroso-di-n-propylamine
Concen: 16.61 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Tgt Ion: 70 Resp: 128522

Ion	Ratio	Lower	Upper
70	100		
42	43.7	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



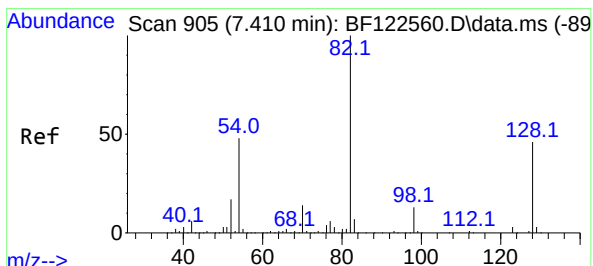
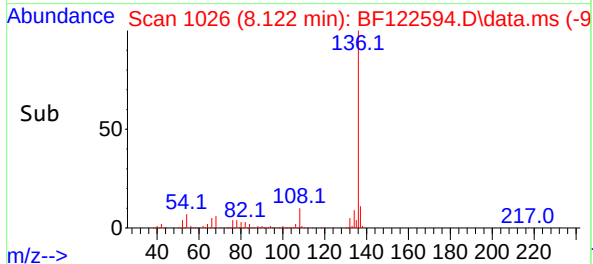
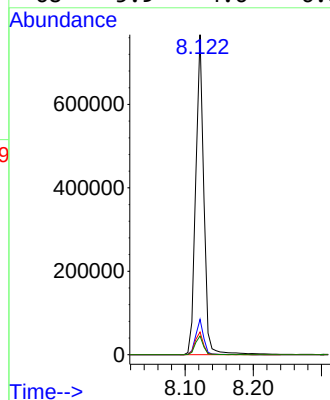
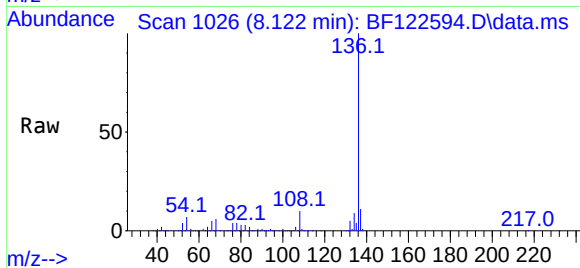


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT012

Tgt Ion:136 Resp: 626501

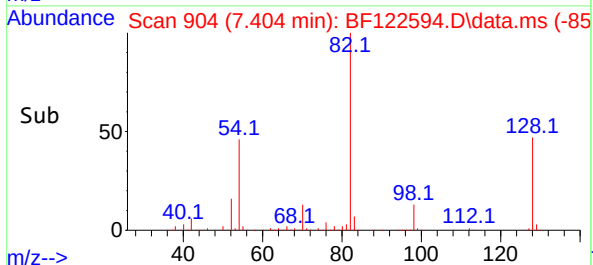
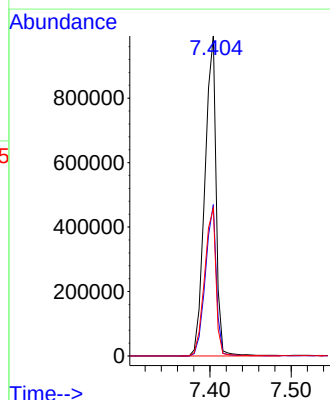
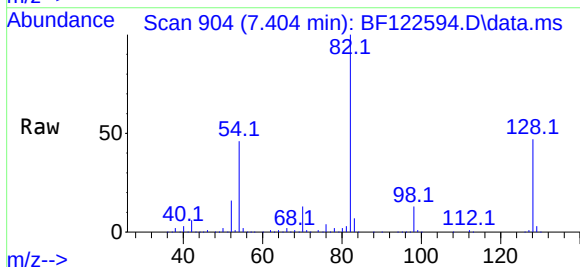
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.5	8.3
68	5.9	4.6	6.8

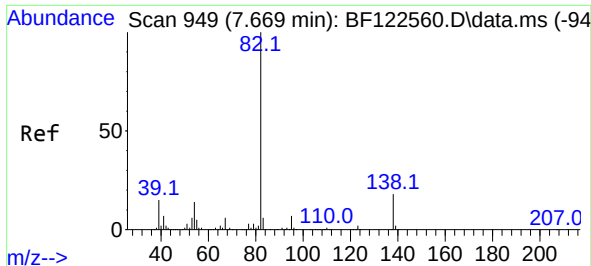


#23
Nitrobenzene-d5
Concen: 76.38 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Tgt Ion: 82 Resp: 955067

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.4
54	46.2	38.4	57.6

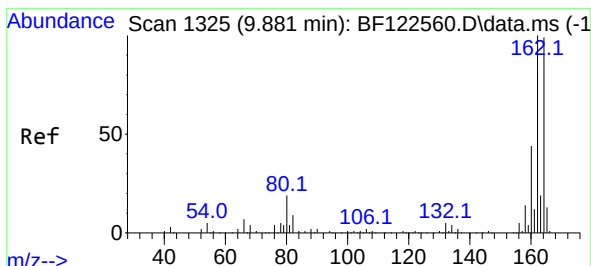
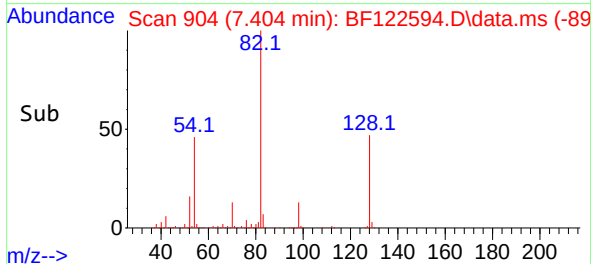
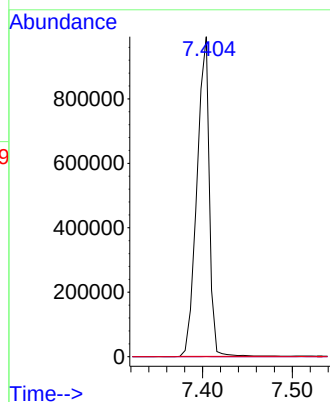
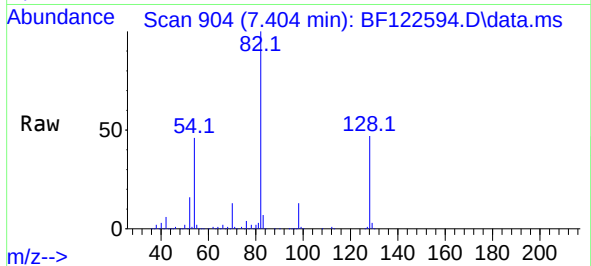




#25
Isophorone
Concen: 44.03 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

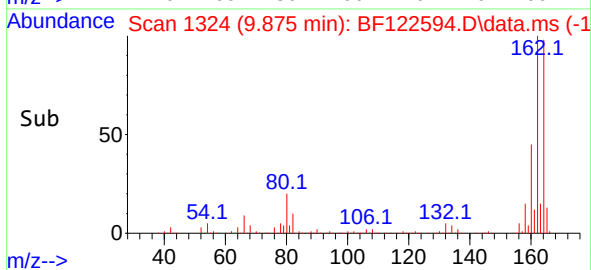
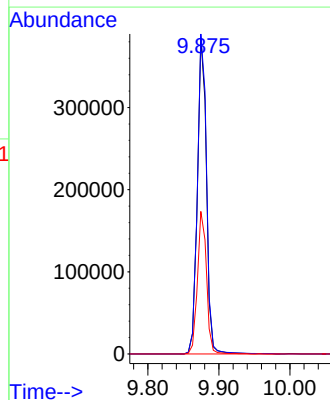
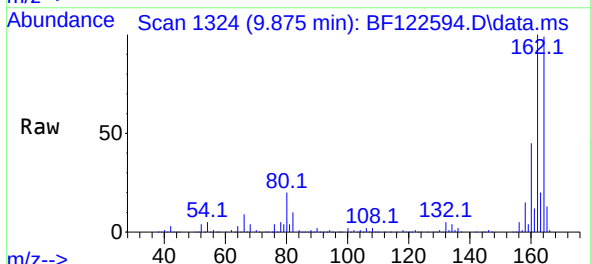
Instrument :
BNA_F
ClientSampleId :
CRT012

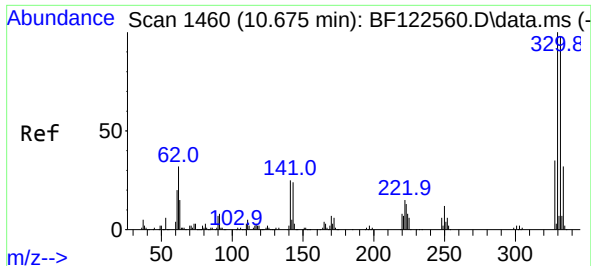
Tgt Ion: 82 Resp: 948236
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

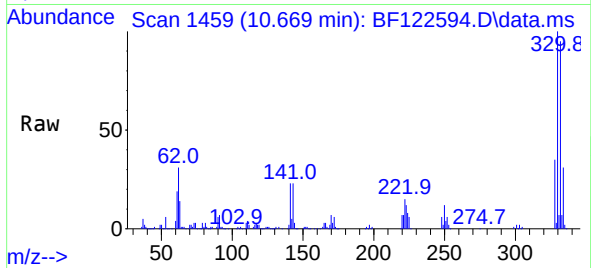
Tgt Ion:164 Resp: 342434
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 45.1 35.4 53.0



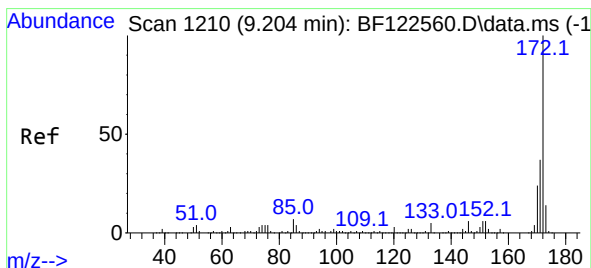
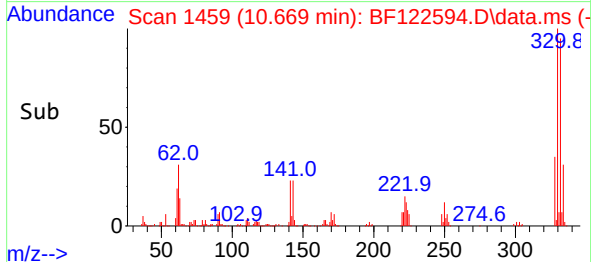
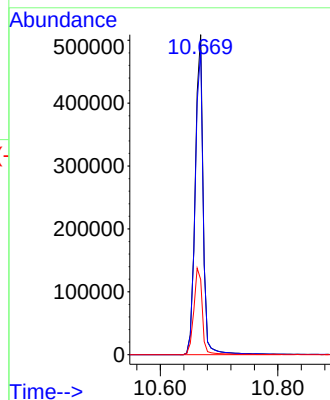


#42
2,4,6-Tribromophenol
Concen: 106.00 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT012

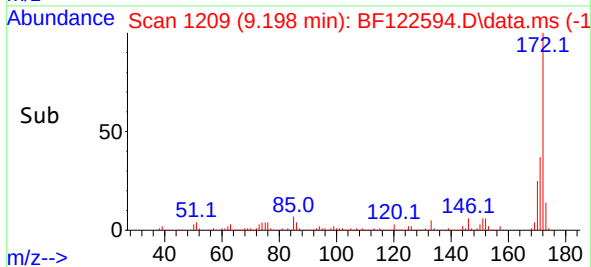
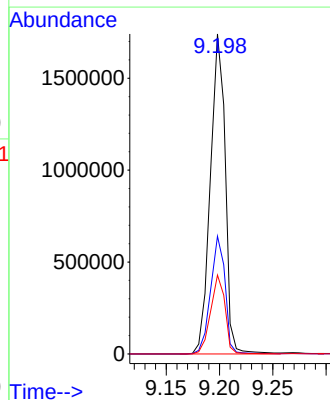
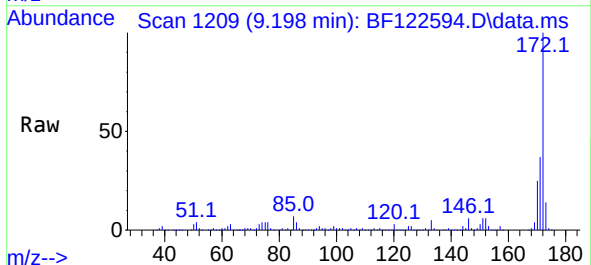


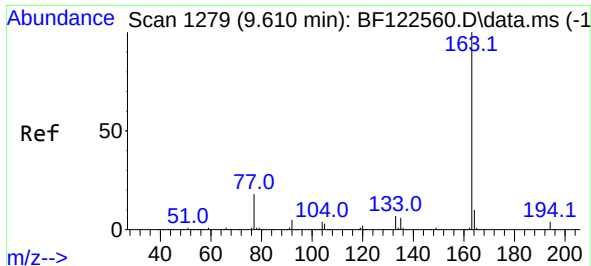
Tgt Ion:330 Resp: 475144
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 28.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 67.02 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Tgt Ion:172 Resp: 1696689
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3

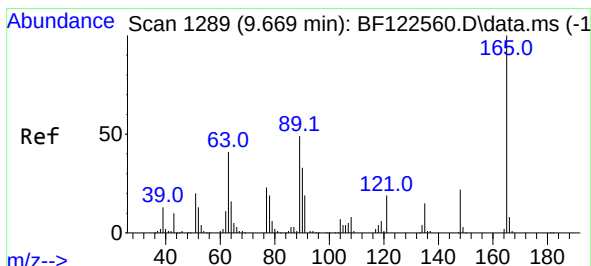
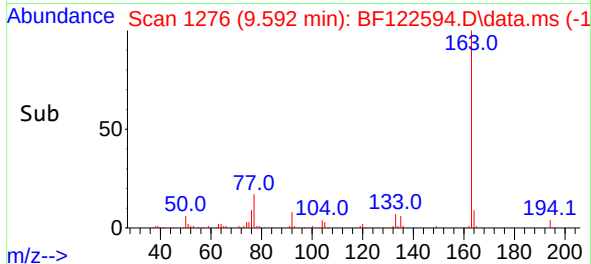
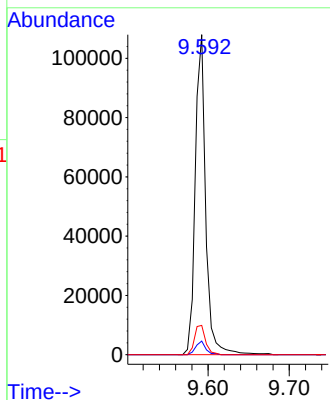
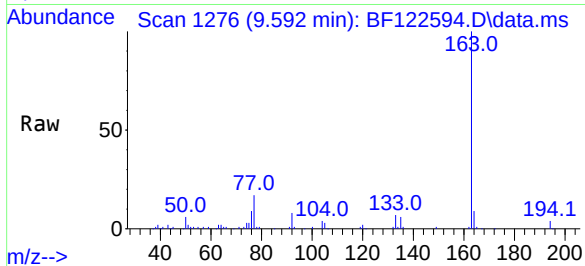




#50
Dimethylphthalate
Concen: 3.55 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

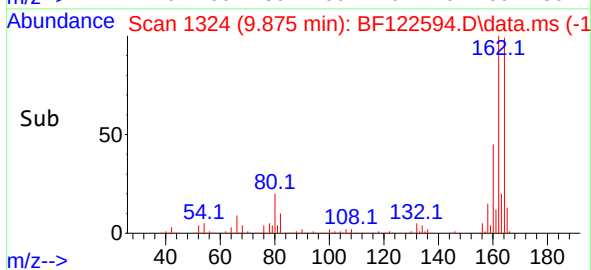
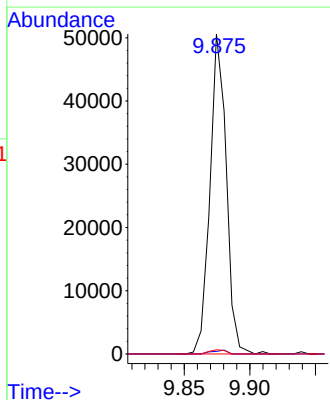
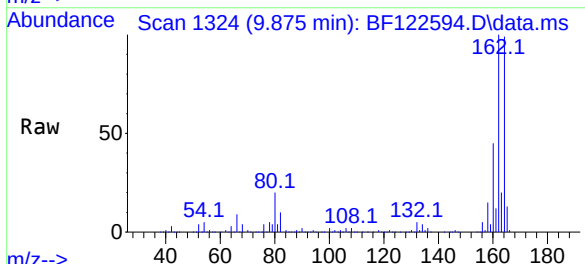
Instrument :
BNA_F
ClientSampleId :
CRT012

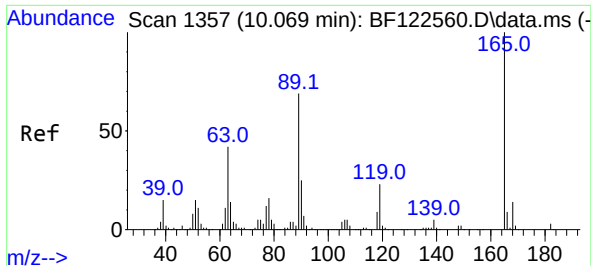
Tgt Ion:163 Resp: 97024
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.2 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Tgt Ion:165 Resp: 43851
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.3 39.4 59.0#

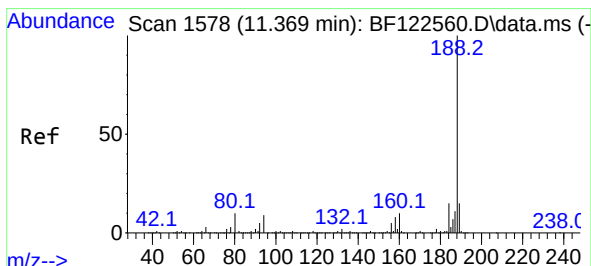
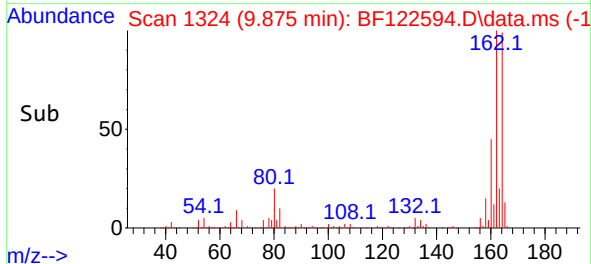
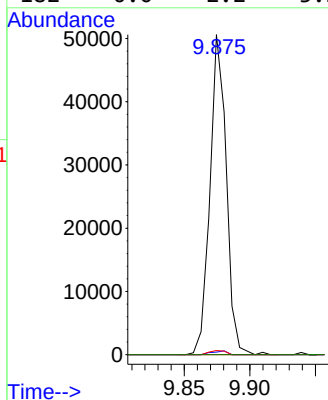
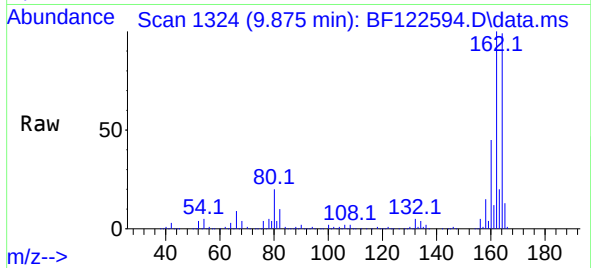




#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

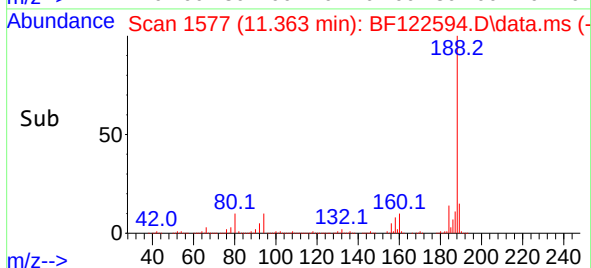
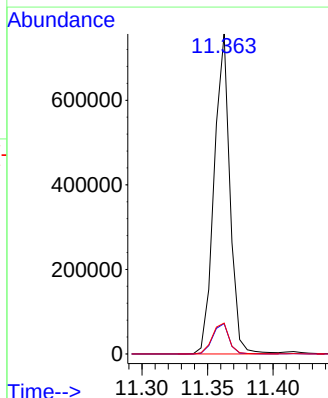
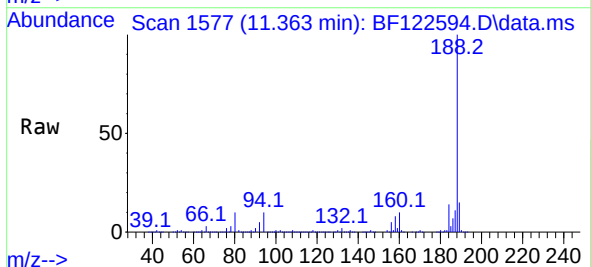
Instrument :
BNA_F
ClientSampled :
CRT012

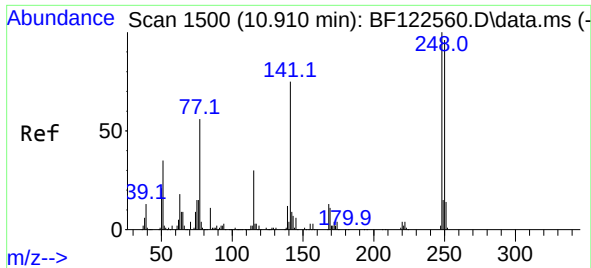
Tgt Ion:	165	Resp:	43851
Ion Ratio	Lower	Upper	
165	100		
63	0.8	34.3	51.5#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Tgt Ion:	188	Resp:	633190
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.4	11.2
80	9.6	8.2	12.4

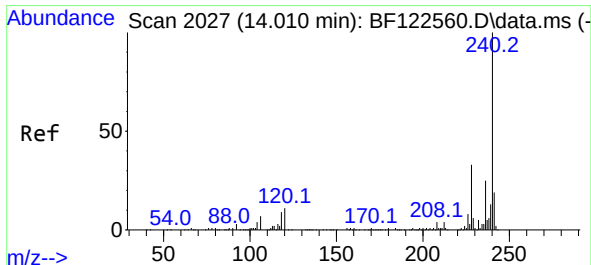
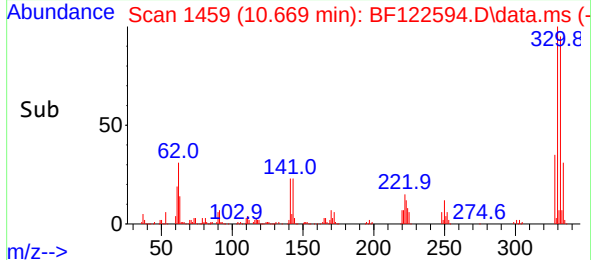
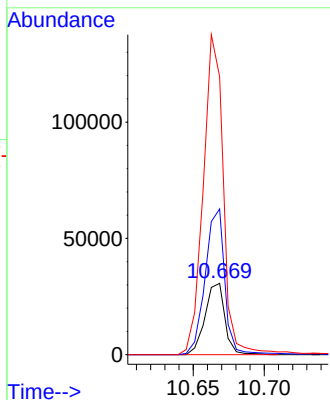
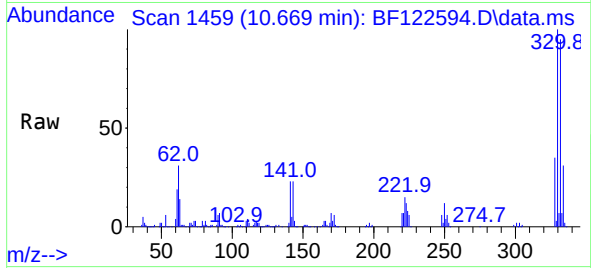




#67
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

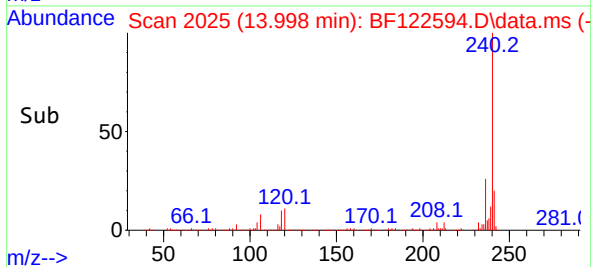
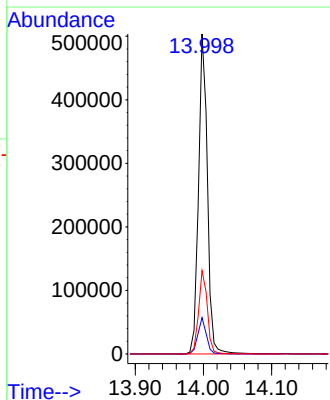
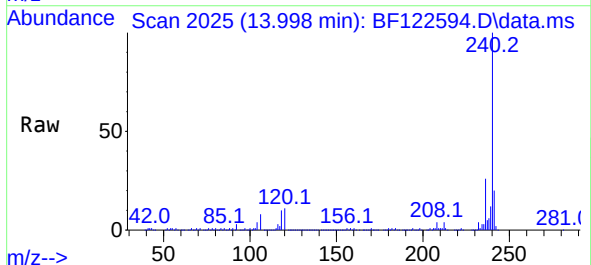
Instrument :
BNA_F
ClientSampled :
CRT012

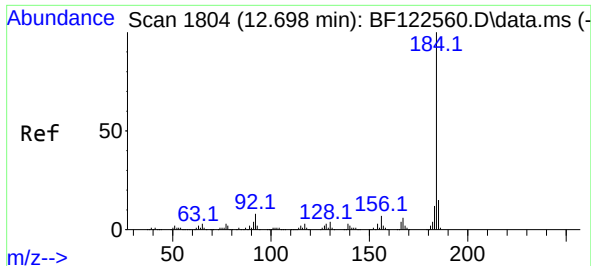
Tgt Ion:248 Resp: 29808
Ion Ratio Lower Upper
248 100
250 204.0 76.8 115.2#
141 389.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

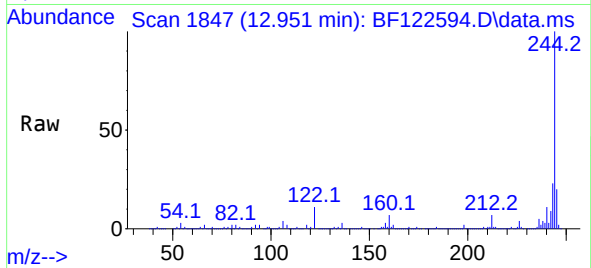
Tgt Ion:240 Resp: 456599
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 26.1 20.3 30.5



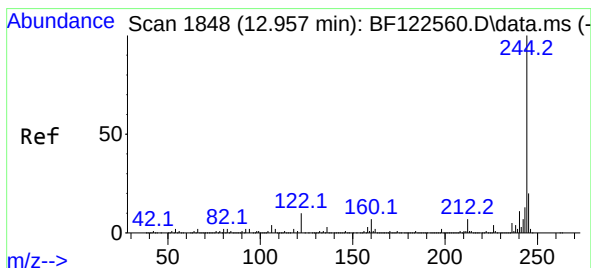
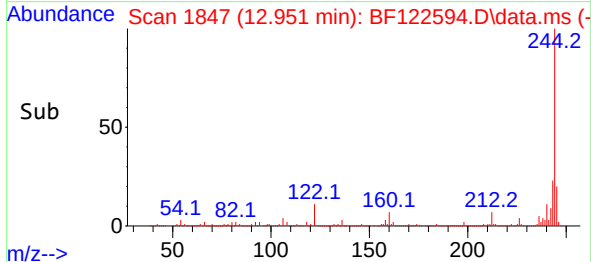
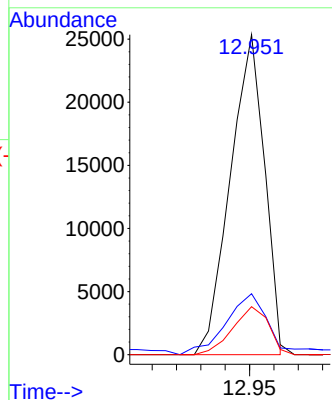


#77
Benzidine
Concen: 2.51 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Instrument :
BNA_F
ClientSampled :
CRT012

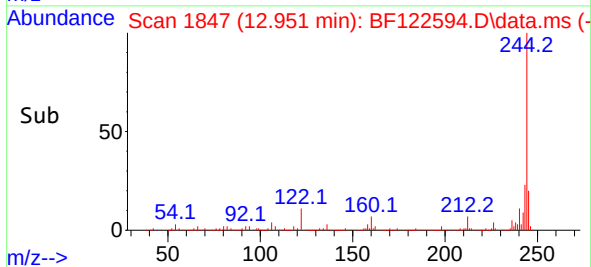
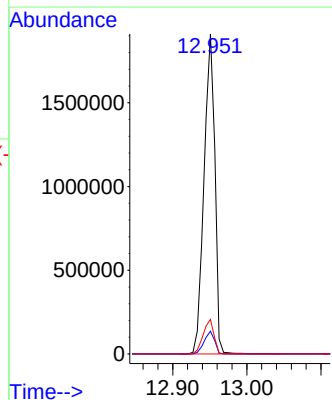
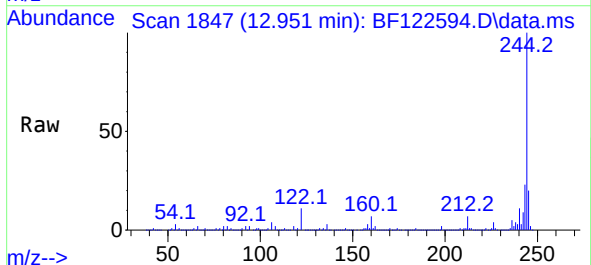


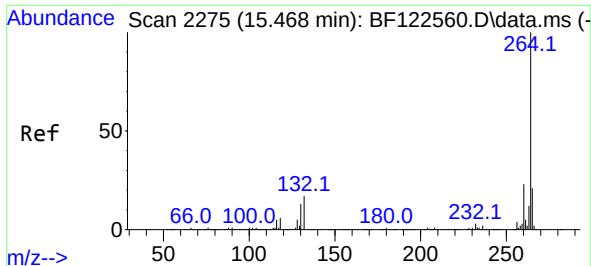
Tgt Ion:184 Resp: 24797
Ion Ratio Lower Upper
184 100
185 19.1 11.8 17.6#
183 15.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 74.44 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

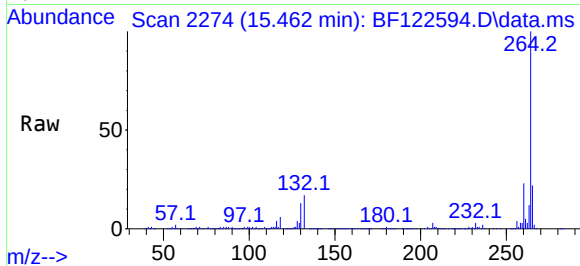
Tgt Ion:244 Resp: 1941648
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.8 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122594.D
Acq: 8 Dec 2020 18:16

Instrument :
BNA_F
ClientSampleId :
CRT012



Tgt Ion:264 Resp: 424504
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 21.9 17.0 25.6

