

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122593.D
 Acq On : 8 Dec 2020 17:44
 Operator : JU/CG
 Sample : L4965-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT002

Quant Time: Dec 09 01:11:26 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)

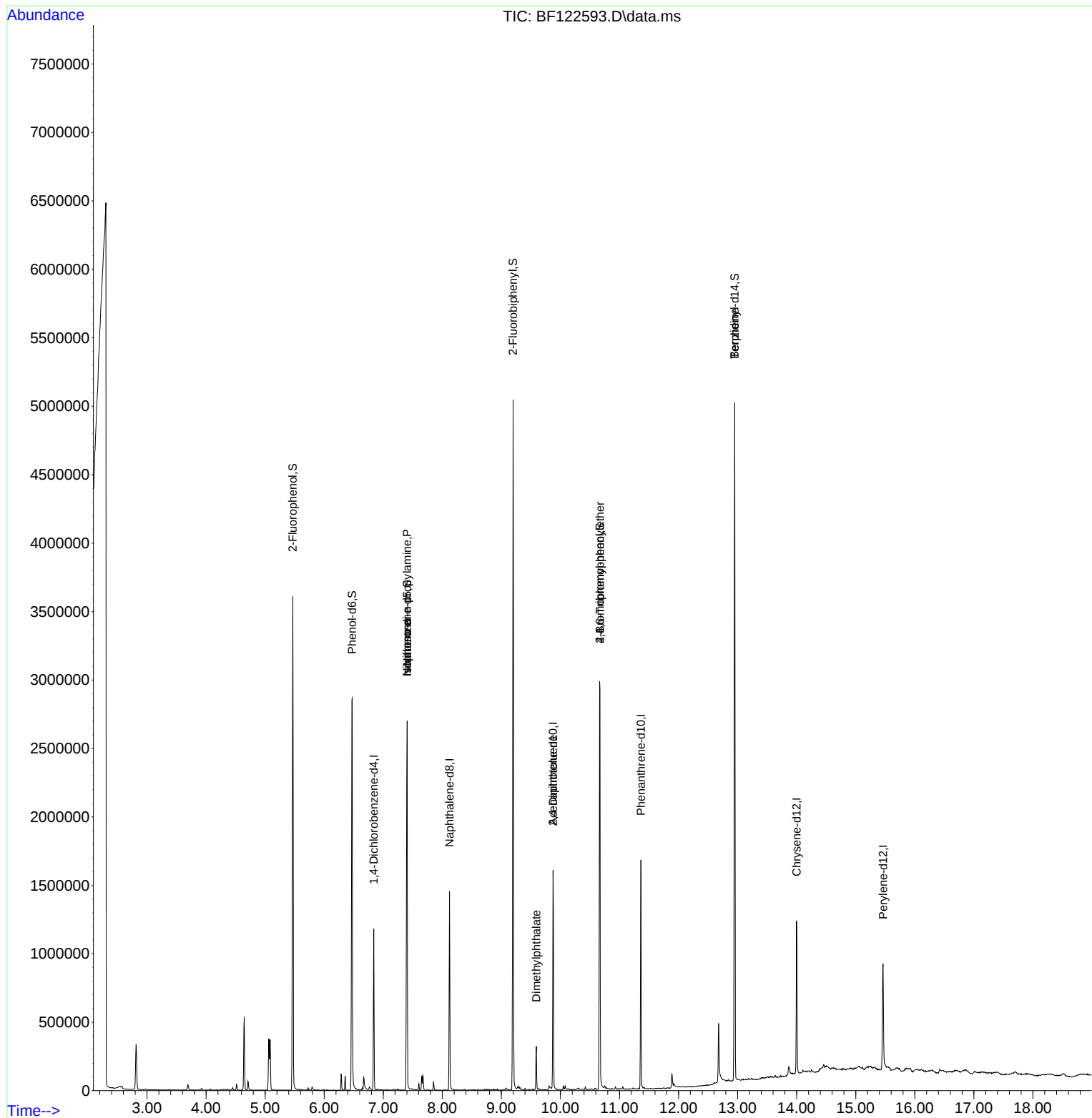
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	158062	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	620947	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	328611	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	570119	20.00	ng	0.00
76) Chrysene-d12	13.998	240	388499	20.00	ng	-0.01
86) Perylene-d12	15.462	264	391667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1043400	104.51	ng	0.01
7) Phenol-d6	6.475	99	1156544	87.34	ng	0.00
23) Nitrobenzene-d5	7.404	82	897180	72.39	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	442006	102.76	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1601316	65.91	ng	0.00
79) Terphenyl-d14	12.951	244	1594883	71.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	122344	16.13	ng	Qvalue # 77
25) Isophorone	7.404	82	890180	41.70	ng	# 65
50) Dimethylphthalate	9.592	163	132598	5.05	ng	99
57) 2,4-Dinitrotoluene	9.874	165	41975	5.69	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	26785	3.47	ng	# 1
77) Benzidine	12.951	184	20397	2.43	ng	# 86

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

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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

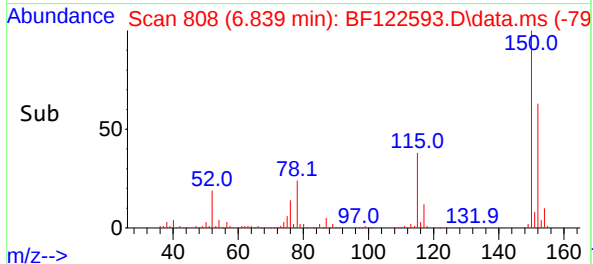
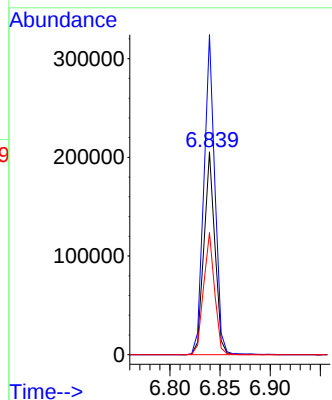
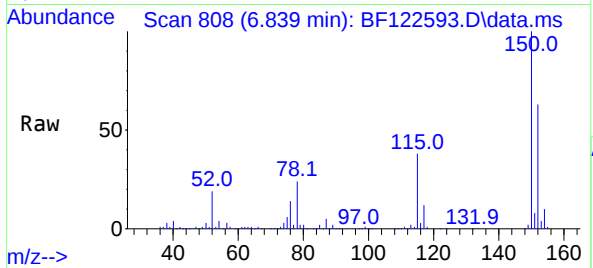




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

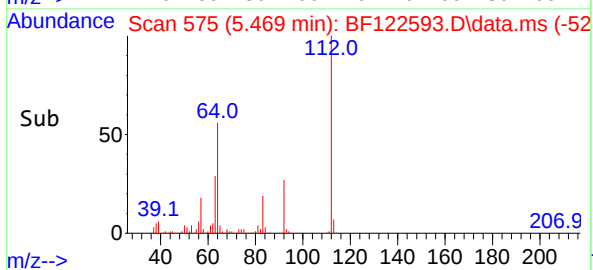
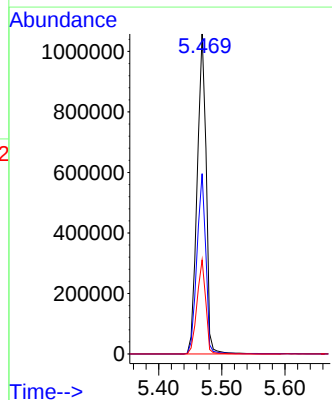
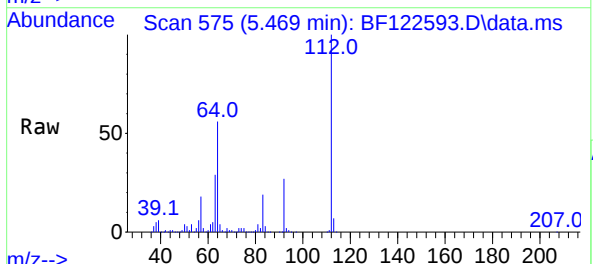
Instrument :
BNA_F
ClientSampleId :
CRT002

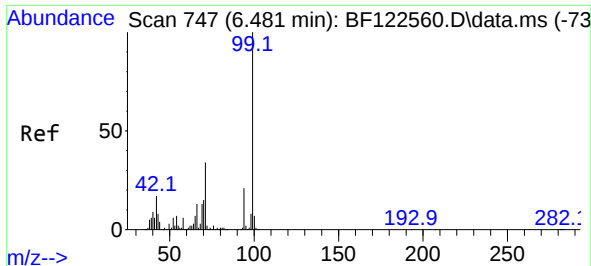
Tgt Ion:152 Resp: 158062
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 60.2 49.3 73.9



#5
2-Fluorophenol
Concen: 104.51 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion:112 Resp: 1043400
Ion Ratio Lower Upper
112 100
64 56.4 46.9 70.3
63 29.4 24.5 36.7

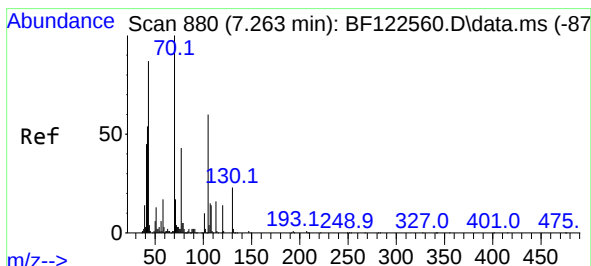
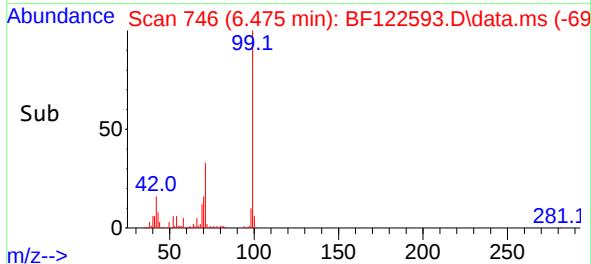
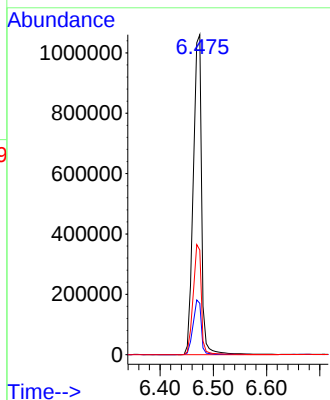
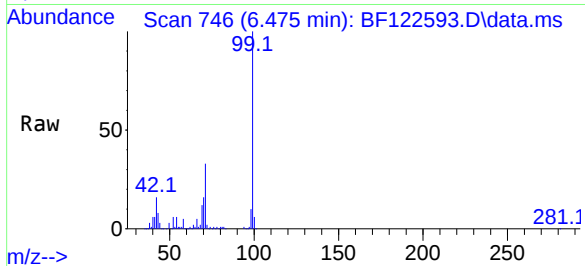




#7
Phenol-d6
Concen: 87.34 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

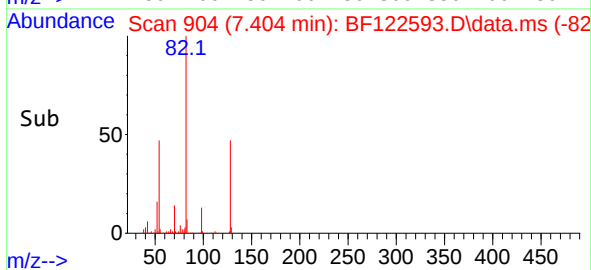
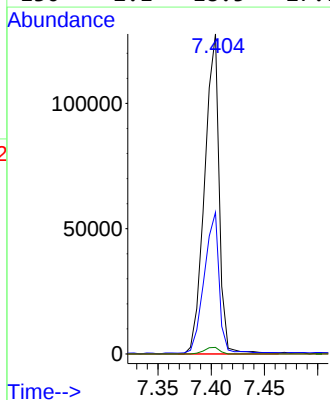
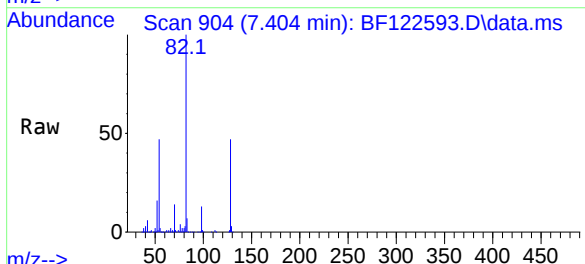
Instrument :
BNA_F
ClientSampleId :
CRT002

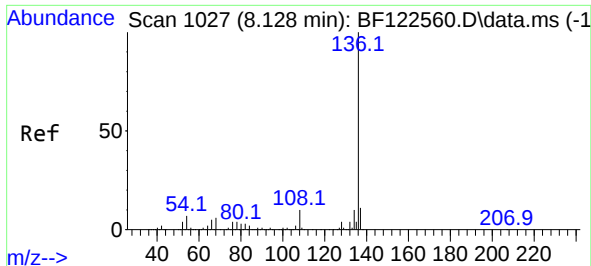
Tgt Ion: 99 Resp: 1156544
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 32.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.13 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion: 70 Resp: 122344
Ion Ratio Lower Upper
70 100
42 44.2 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



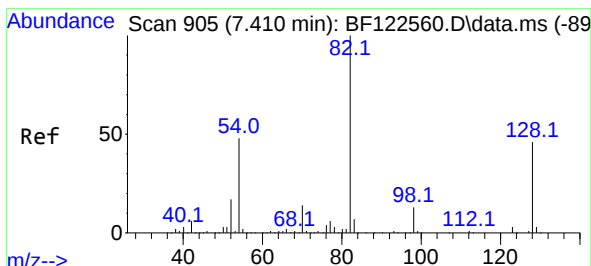
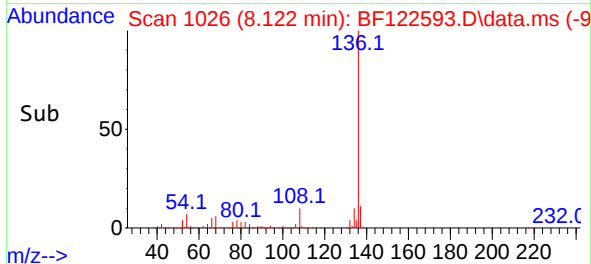
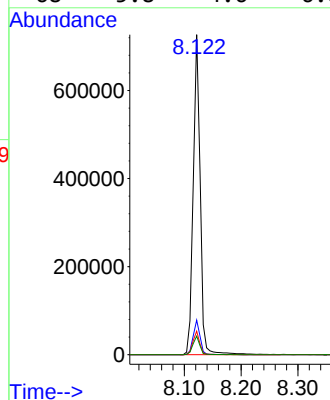
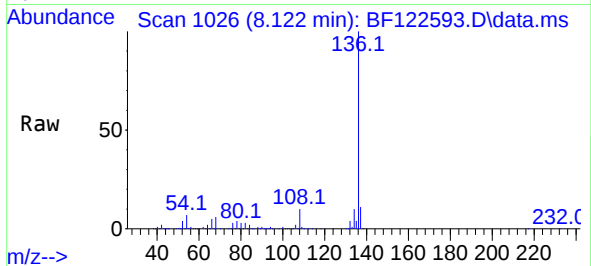


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
CRT002

Tgt Ion:136 Resp: 620947

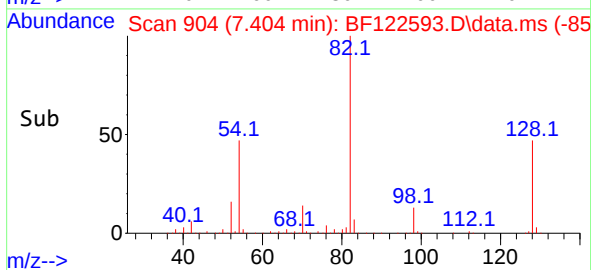
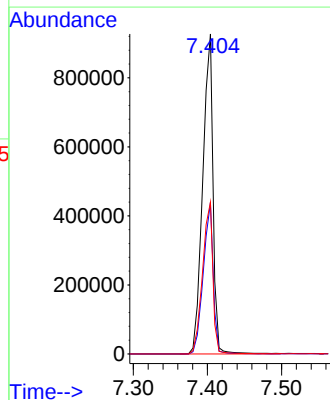
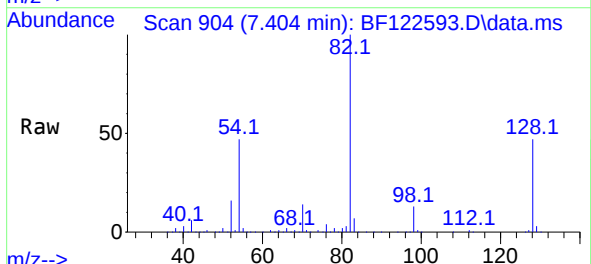
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	5.5	8.3
68	5.8	4.6	6.8

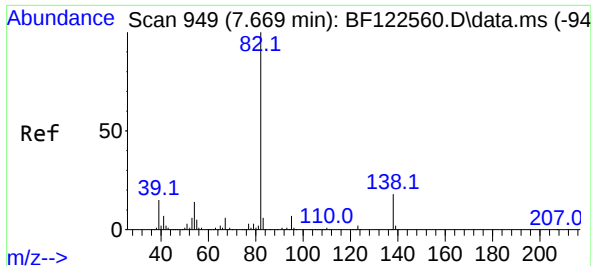


#23
Nitrobenzene-d5
Concen: 72.39 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion: 82 Resp: 897180

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.0	55.4
54	47.4	38.4	57.6

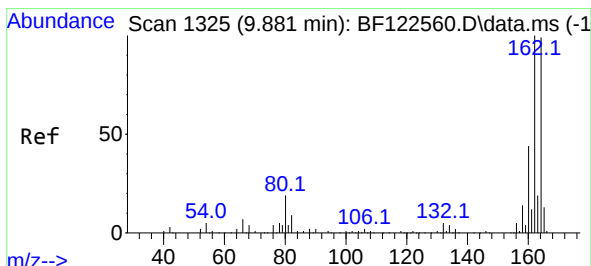
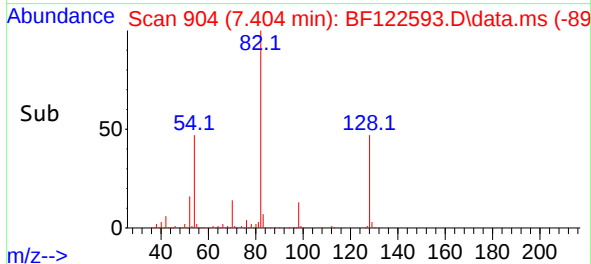
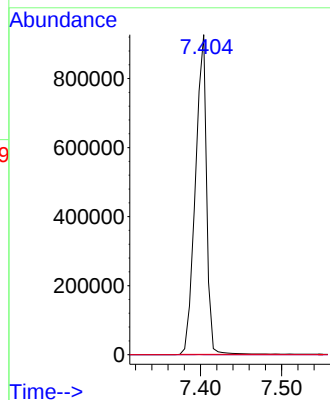
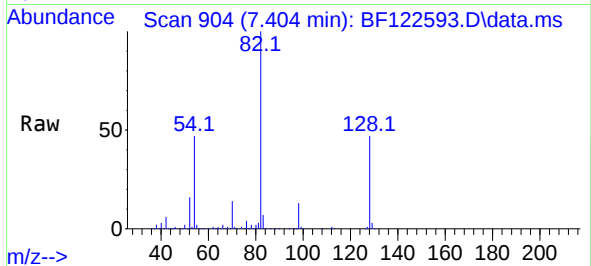




#25
Isophorone
Concen: 41.70 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

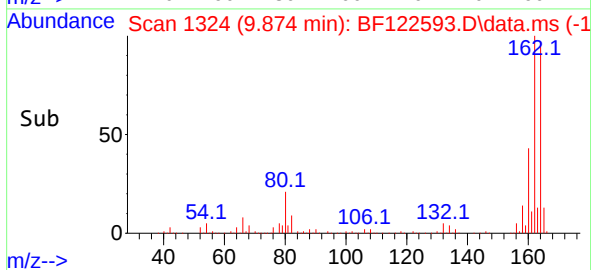
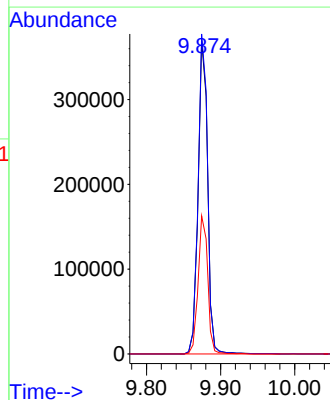
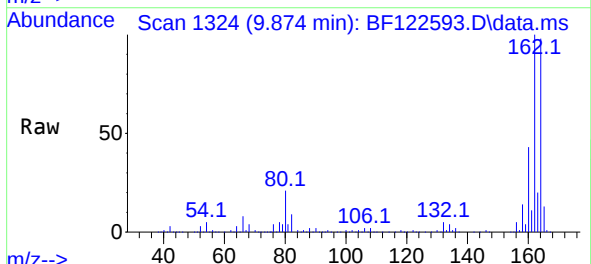
Instrument :
BNA_F
ClientSampleId :
CRT002

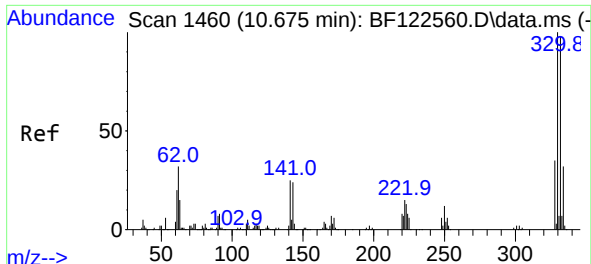
Tgt Ion: 82 Resp: 890180
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion: 164 Resp: 328611
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.0 35.4 53.0

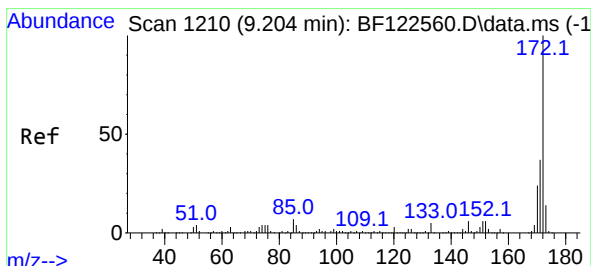
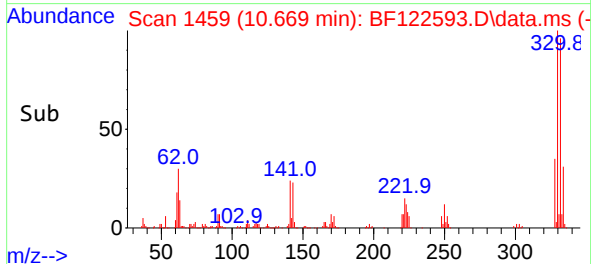
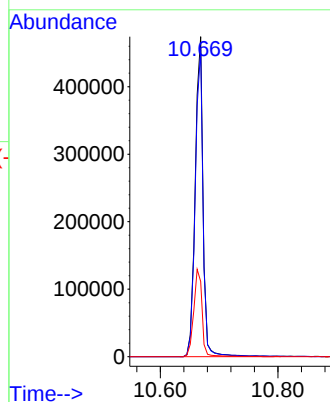
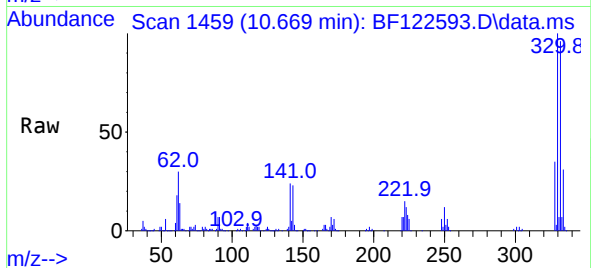




#42
2,4,6-Tribromophenol
Concen: 102.76 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

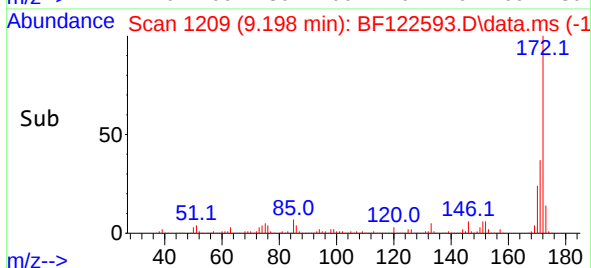
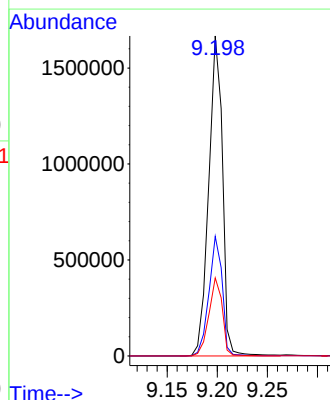
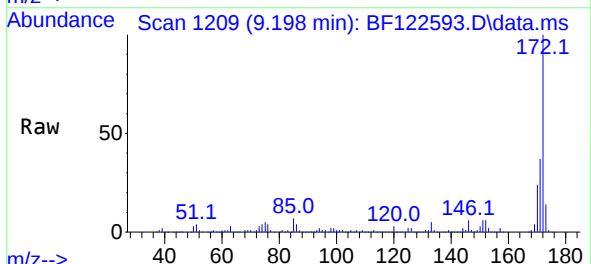
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ClientSampleId :
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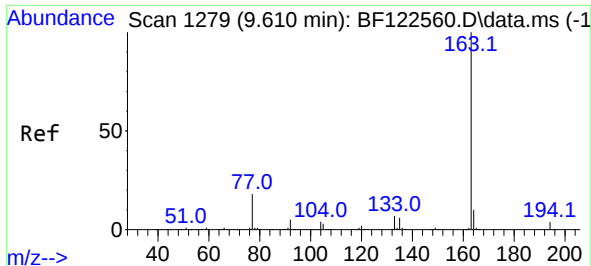
Tgt Ion:330 Resp: 442006
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 29.1 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 65.91 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion:172 Resp: 1601316
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.4 19.5 29.3

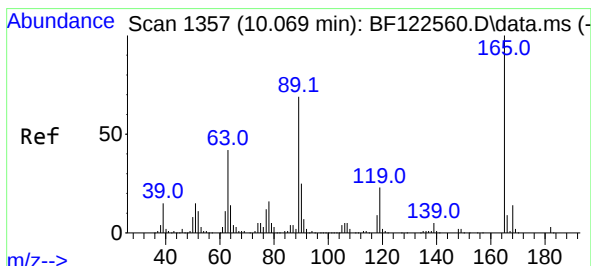
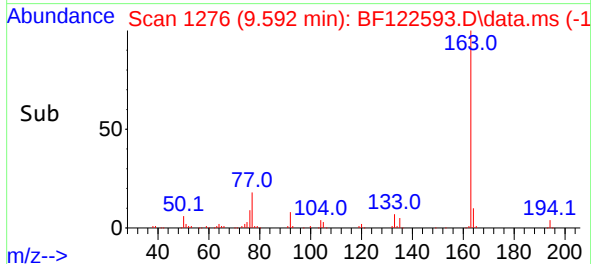
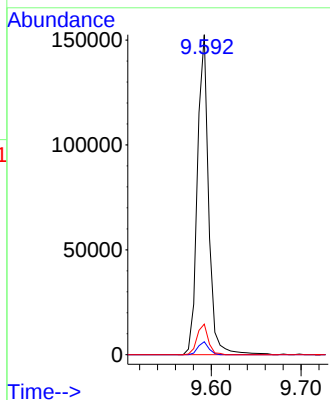
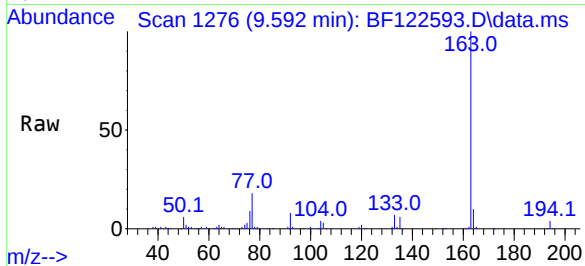




#50
Dimethylphthalate
Concen: 5.05 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

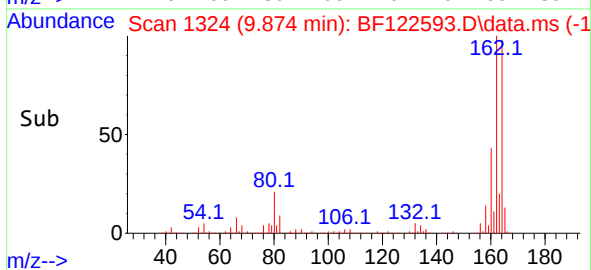
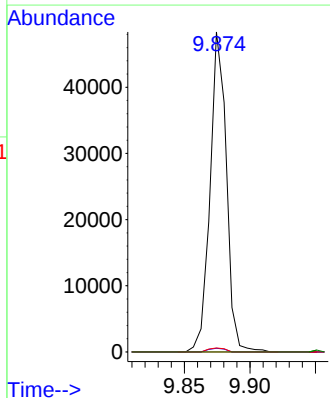
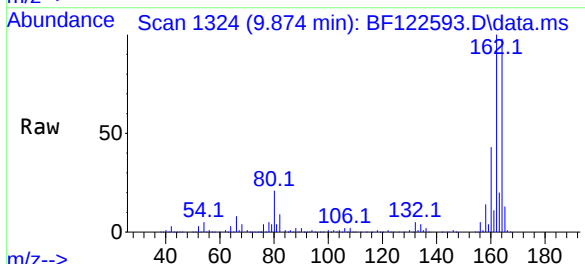
Instrument :
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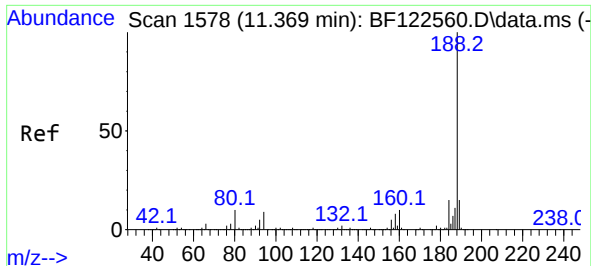
Tgt Ion:163 Resp: 132598
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.5 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion:165 Resp: 41975
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

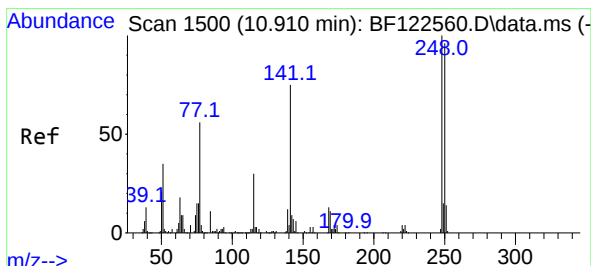
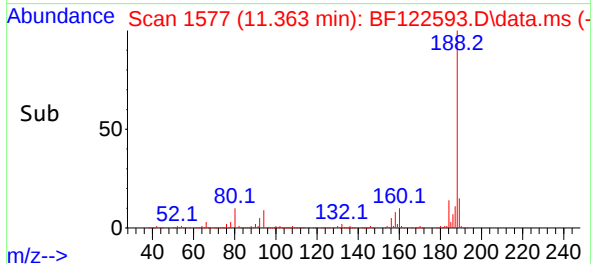
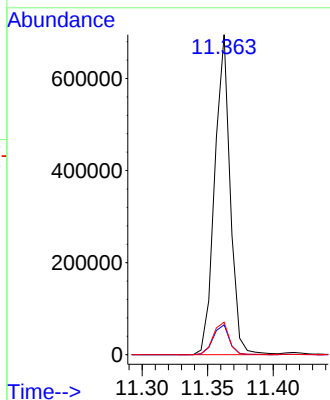
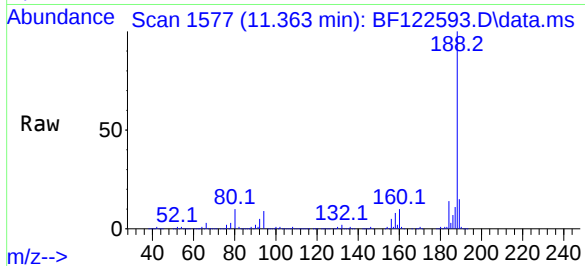




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

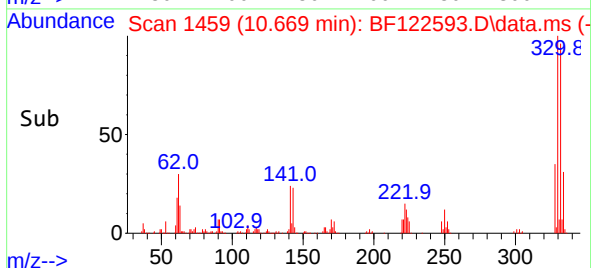
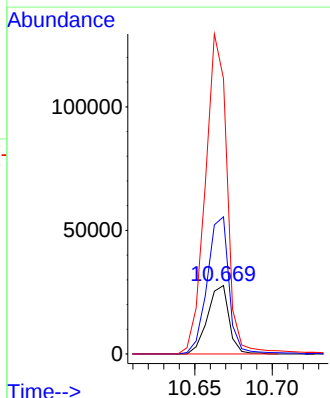
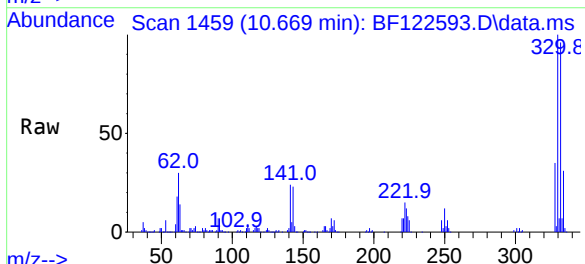
Instrument :
BNA_F
ClientSampleId :
CRT002

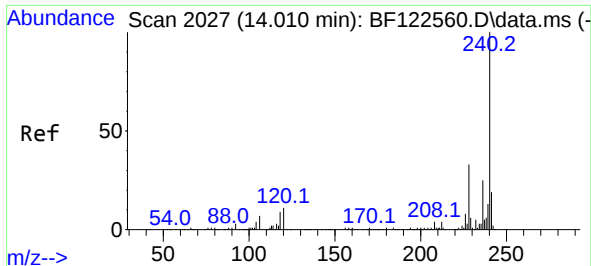
Tgt Ion:188 Resp: 570119
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion:248 Resp: 26785
Ion Ratio Lower Upper
248 100
250 200.3 76.8 115.2#
141 402.4 59.8 89.8#

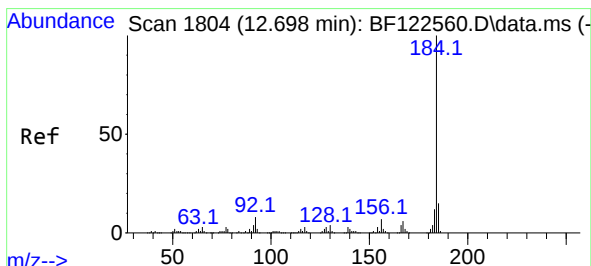
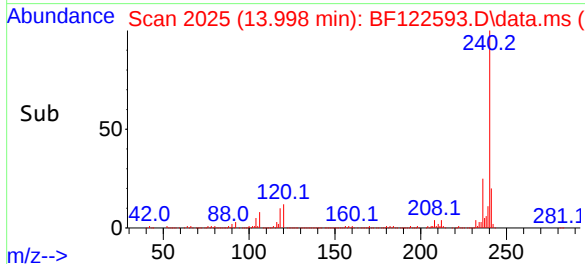
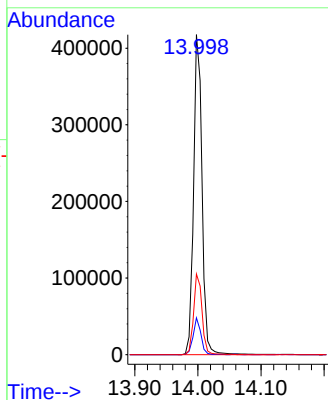
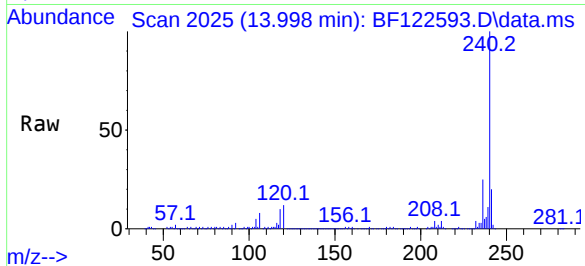




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

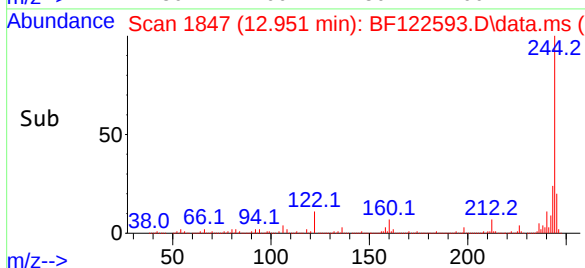
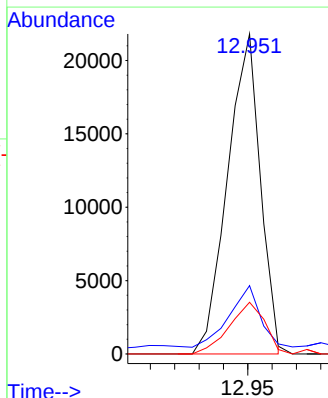
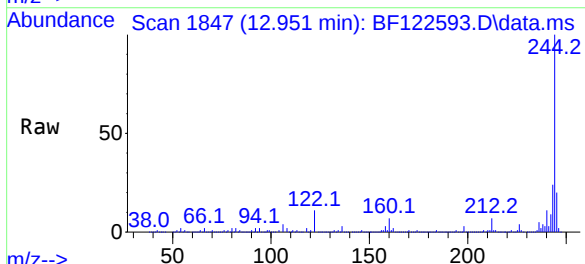
Instrument :
BNA_F
ClientSampleId :
CRT002

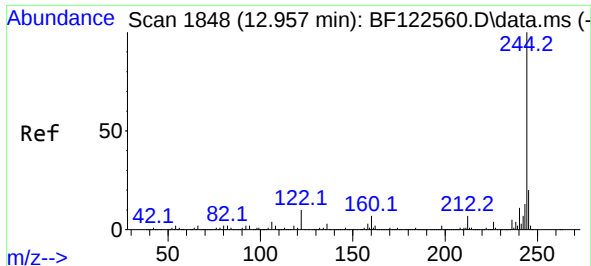
Tgt Ion:240 Resp: 388499
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 25.2 20.3 30.5



#77
Benzidine
Concen: 2.43 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

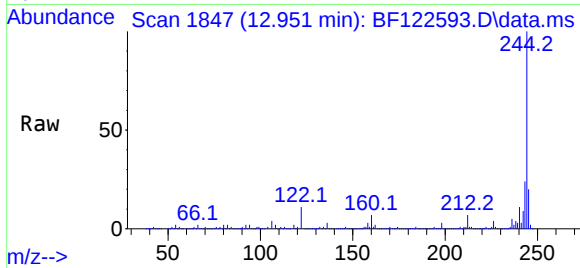
Tgt Ion:184 Resp: 20397
Ion Ratio Lower Upper
184 100
185 21.3 11.8 17.6#
183 16.2 9.7 14.5#



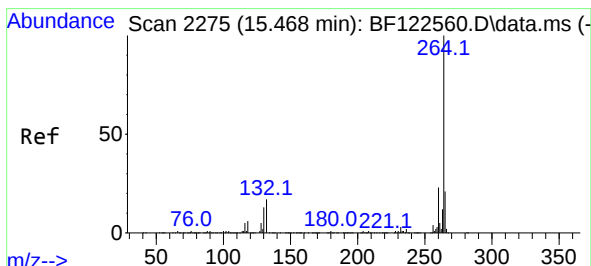
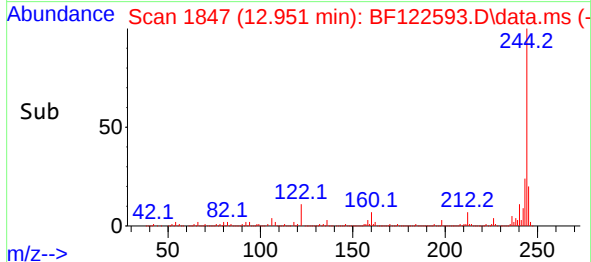
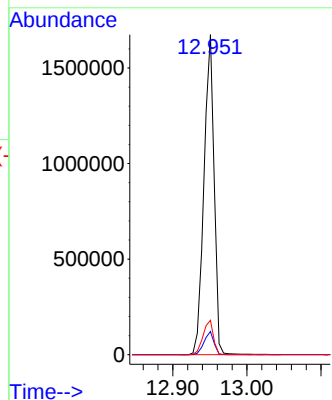


#79
Terphenyl-d14
Concen: 71.86 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122593.D
Acq: 8 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
CRT002



Tgt Ion:244 Resp: 1594883
Ion Ratio Lower Upper
244 100
212 7.3 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: BF122593.D
Acq: 8 Dec 2020 17:44

Tgt Ion:264 Resp: 391667
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.1 17.0 25.6

