

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122597.D
 Acq On : 8 Dec 2020 19:49
 Operator : JU/CG
 Sample : L4965-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT014

Quant Time: Dec 09 01:12:21 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)

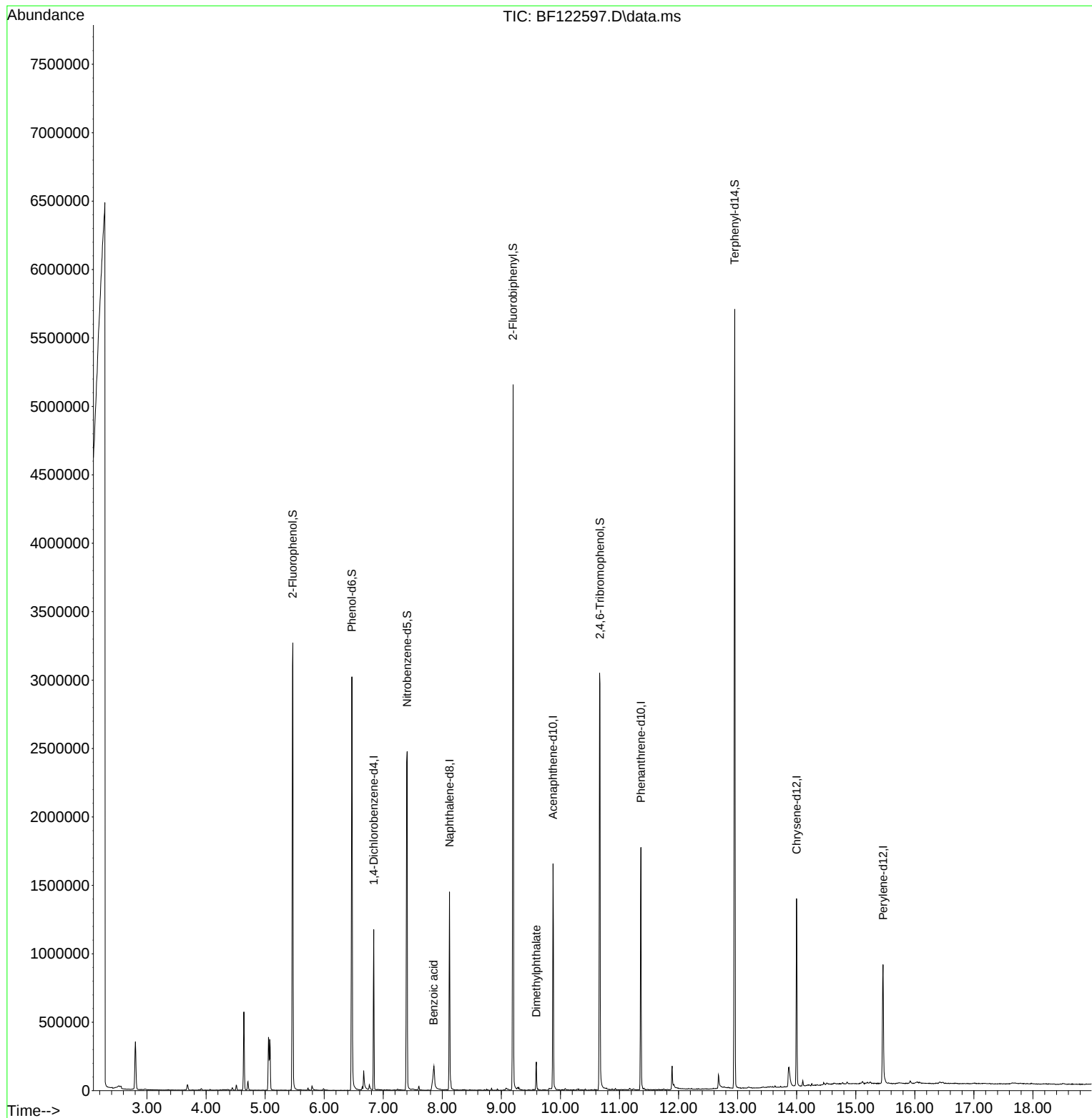
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	157534	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	616775	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	332008	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	632249	20.00	ng	0.00
76) Chrysene-d12	13.998	240	479759	20.00	ng	-0.01
86) Perylene-d12	15.462	264	440207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1014041	101.91	ng	0.01
7) Phenol-d6	6.469	99	1130174	85.64	ng	-0.01
23) Nitrobenzene-d5	7.404	82	907990	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	463452	106.64	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1599152	65.15	ng	0.00
79) Terphenyl-d14	12.951	244	1944894	70.96	ng	0.00
Target Compounds						
32) Benzoic acid	7.851	122	72546	10.40	ng	96
50) Dimethylphthalate	9.592	163	91811	3.46	ng	98

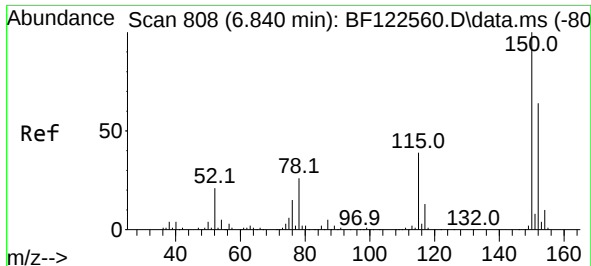
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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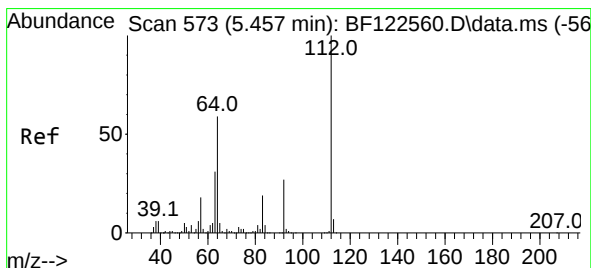
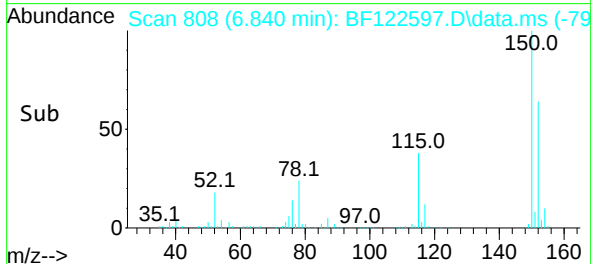
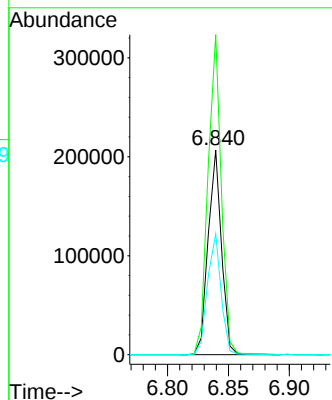
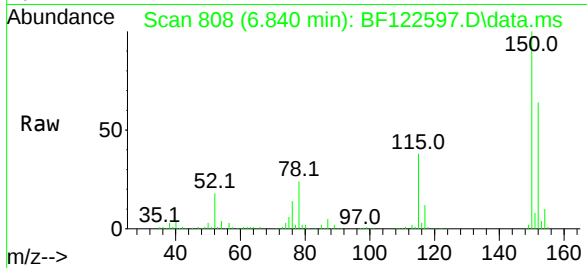




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

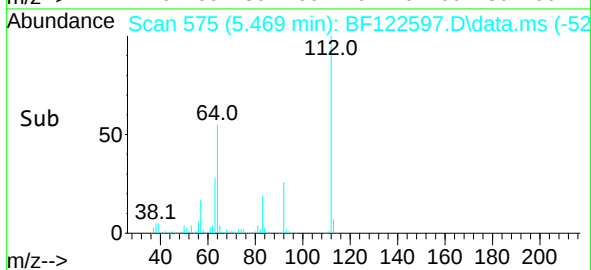
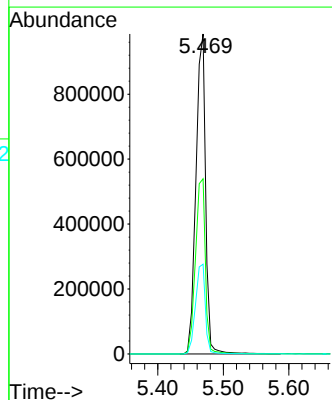
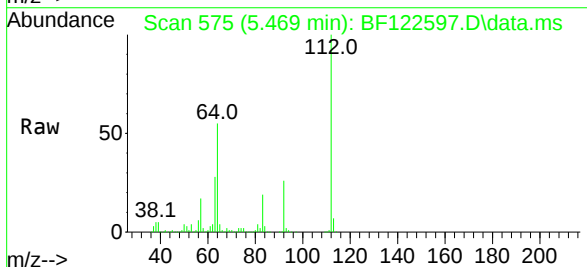
Instrument :
BNA_F
ClientSampleId :
CRT014

Tgt Ion:152 Resp: 157534
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 101.91 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:112 Resp: 1014041
Ion Ratio Lower Upper
112 100
64 54.8 46.9 70.3
63 28.1 24.5 36.7

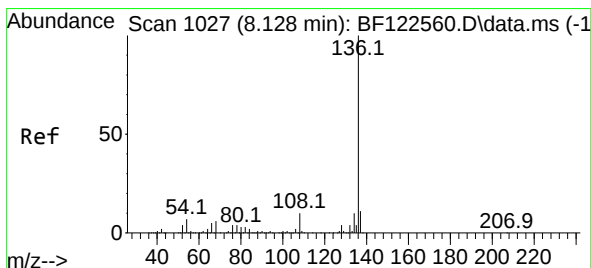
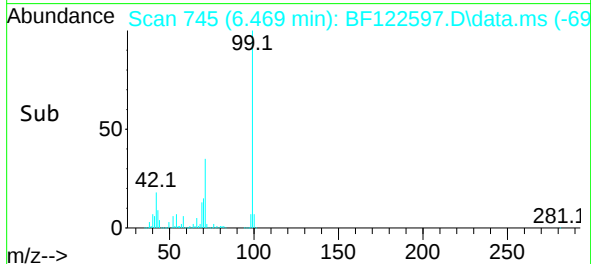
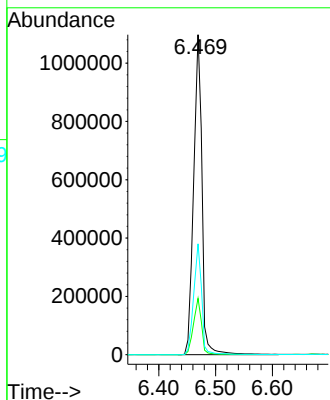
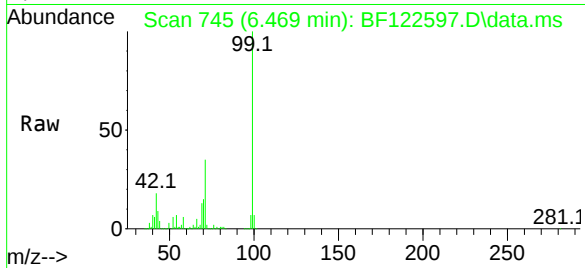




#7
Phenol-d6
Concen: 85.64 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

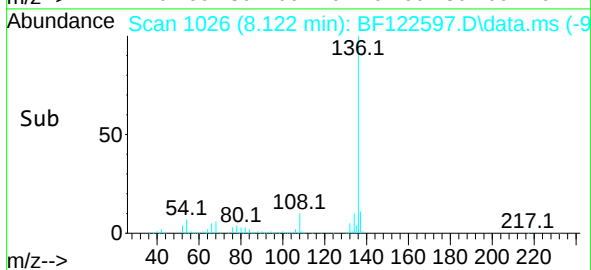
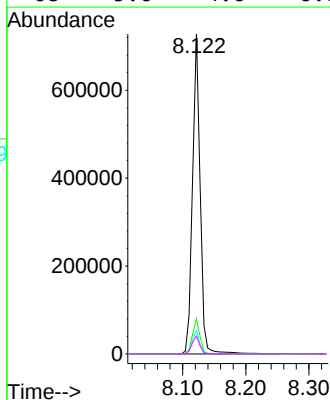
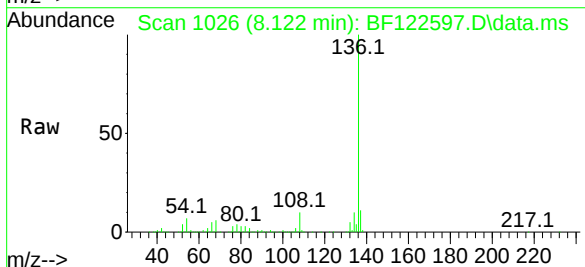
Instrument :
BNA_F
ClientSampleId :
CRT014

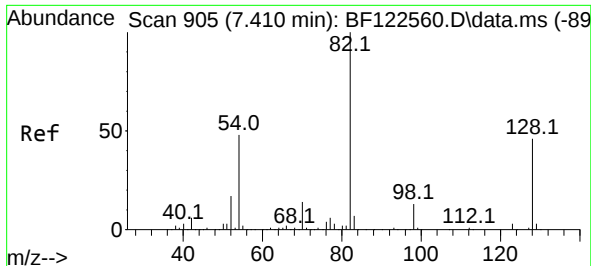
Tgt Ion: 99 Resp: 1130174
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 34.6 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion: 136 Resp: 616775
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.76 ng

RT: 7.404 min Scan# 904

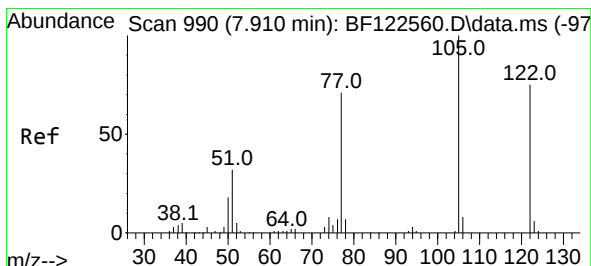
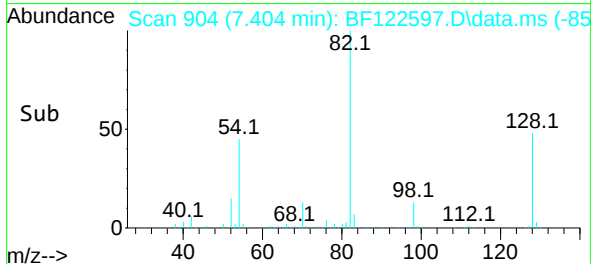
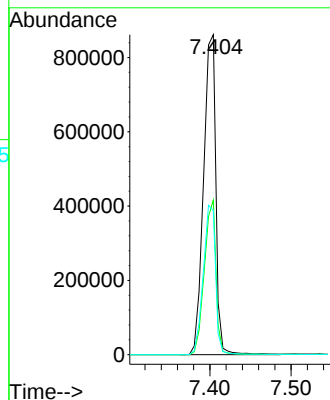
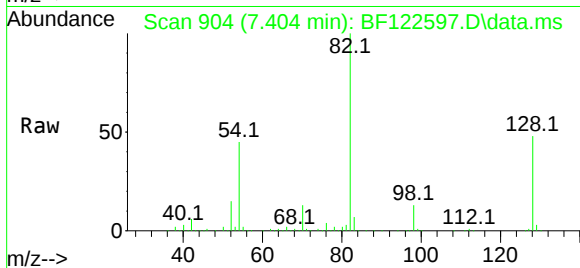
Delta R.T. -0.006 min

Lab File: BF122597.D

Acq: 8 Dec 2020 19:49

Tgt Ion: 82 Resp: 907990

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.0	55.4
54	45.0	38.4	57.6



#32

Benzoic acid

Concen: 10.40 ng

RT: 7.851 min Scan# 980

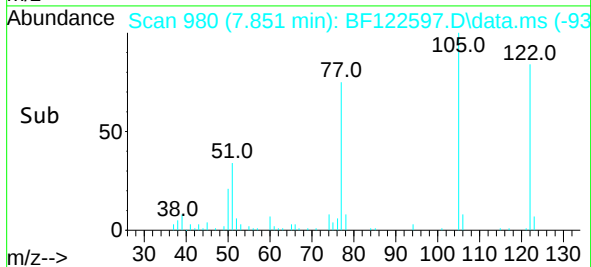
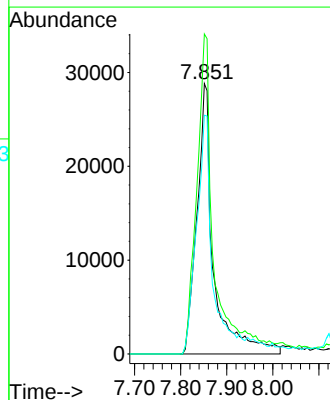
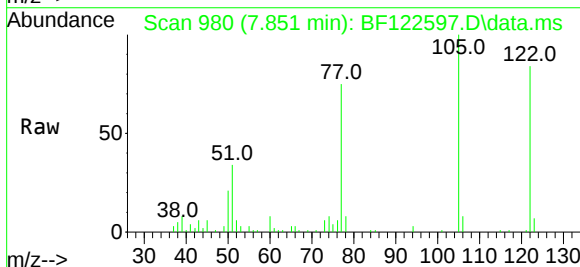
Delta R.T. -0.059 min

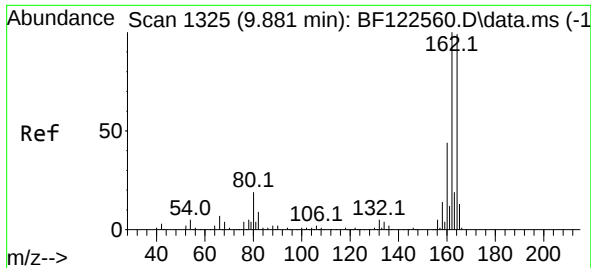
Lab File: BF122597.D

Acq: 8 Dec 2020 19:49

Tgt Ion: 122 Resp: 72546

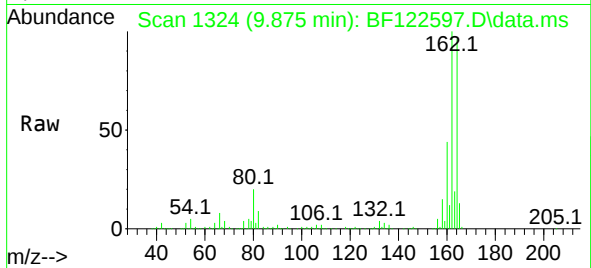
Ion	Ratio	Lower	Upper
122	100		
105	118.4	104.8	144.8
77	88.3	71.0	111.0



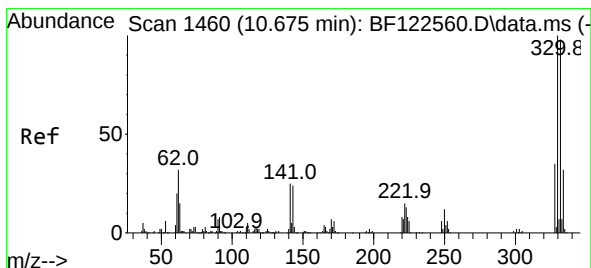
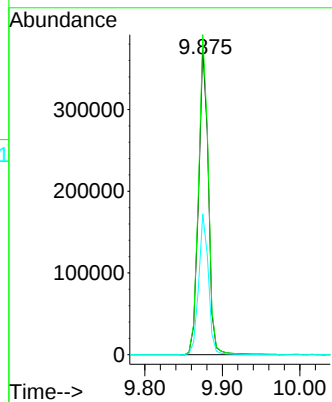
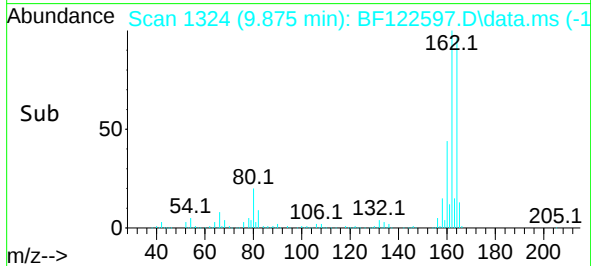


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

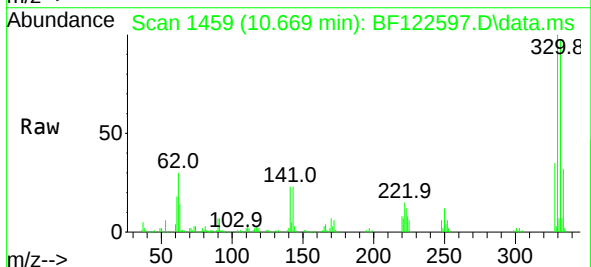
Instrument :
BNA_F
ClientSampleId :
CRT014



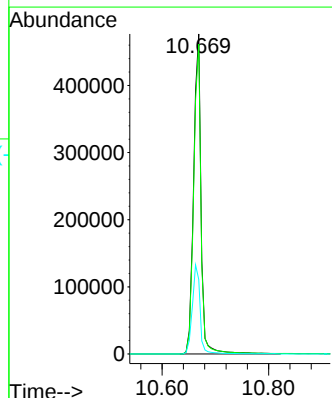
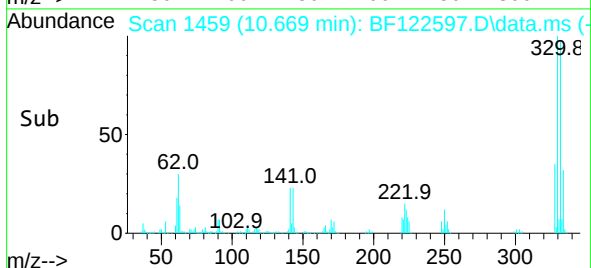
Tgt Ion:164 Resp: 332008
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 45.7 35.4 53.0

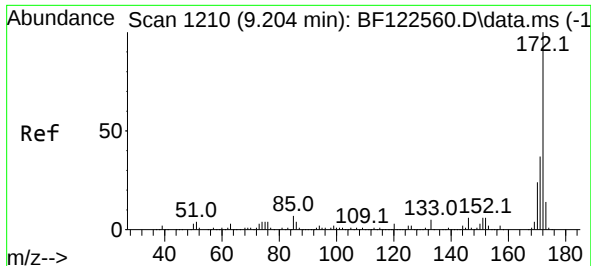


#42
2,4,6-Tribromophenol
Concen: 106.64 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49



Tgt Ion:330 Resp: 463452
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 29.1 23.8 35.8

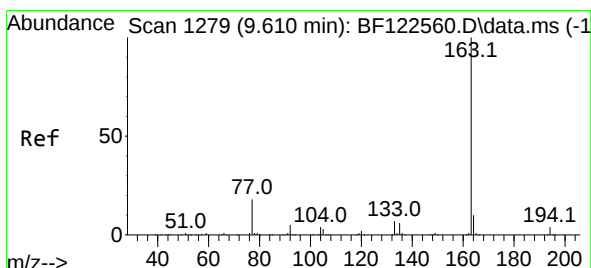
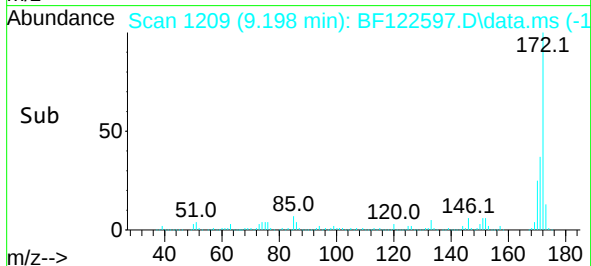
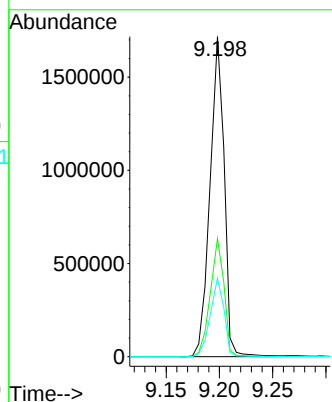
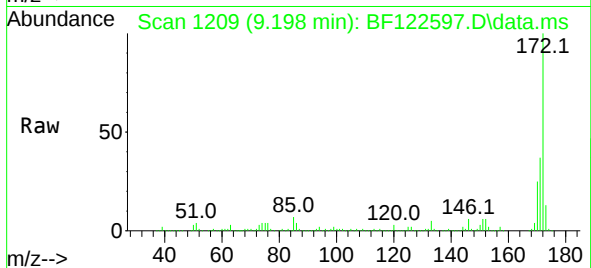




#45
2-Fluorobiphenyl
Concen: 65.15 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

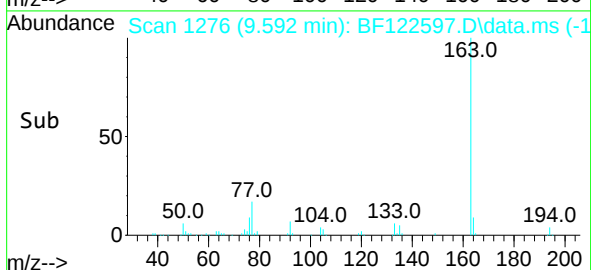
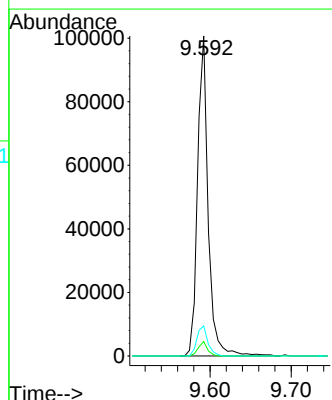
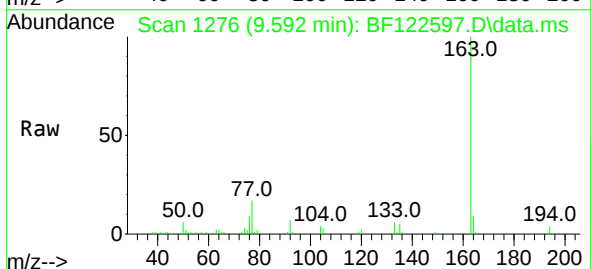
Instrument :
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ClientSampleId :
CRT014

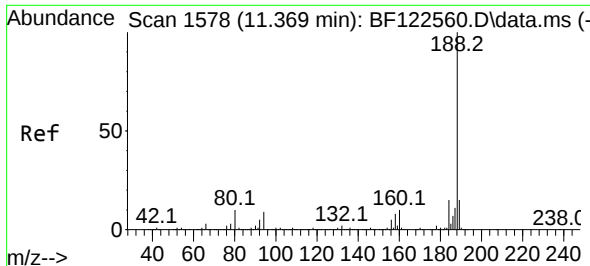
Tgt Ion:172 Resp: 1599152
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 3.46 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

Tgt Ion:163 Resp: 91811
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 9.4 8.1 12.1

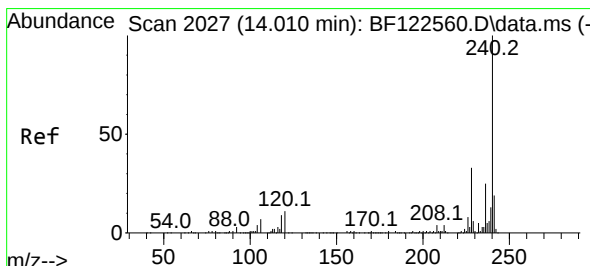
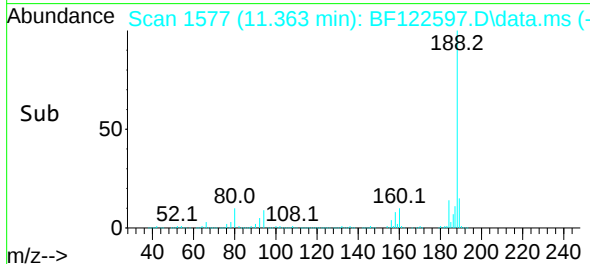
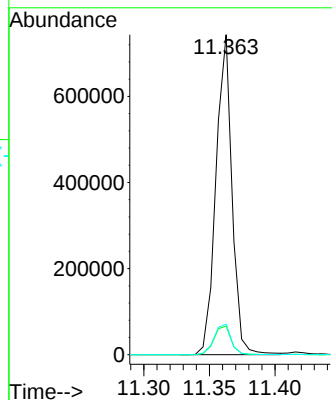
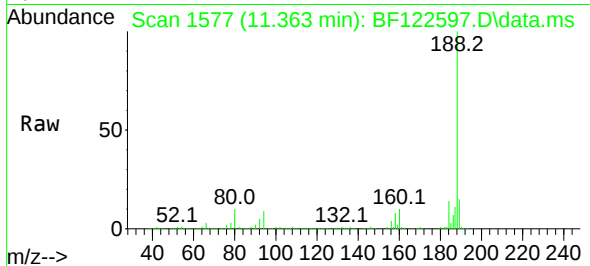




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

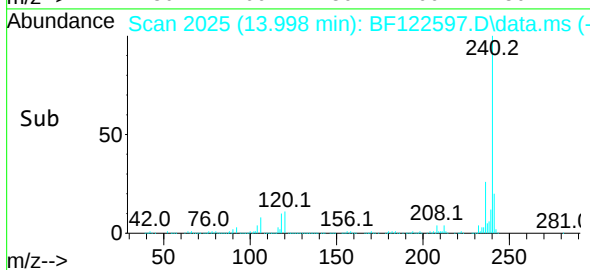
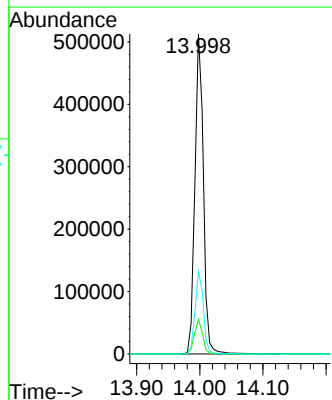
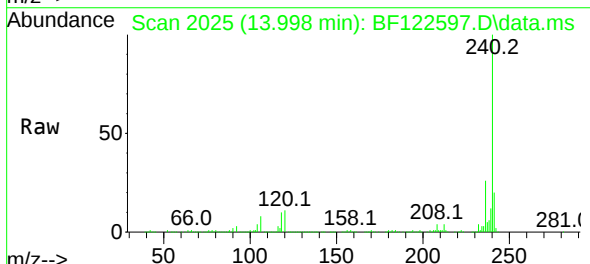
Instrument :
BNA_F
ClientSampleId :
CRT014

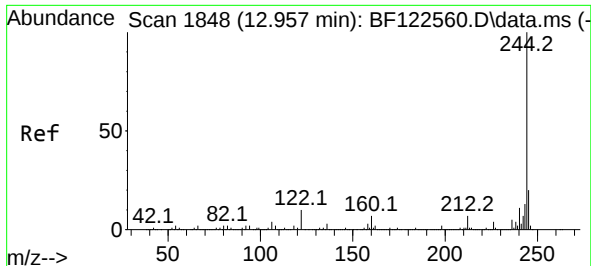
Tgt Ion:188 Resp: 632249
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122597.D
Acq: 8 Dec 2020 19:49

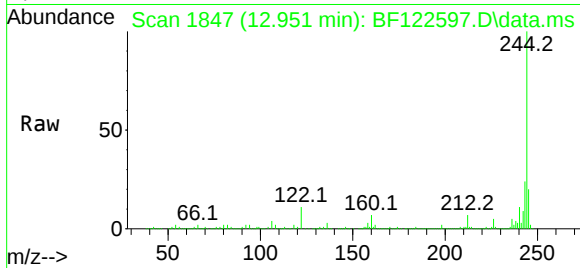
Tgt Ion:240 Resp: 479759
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.8 20.3 30.5





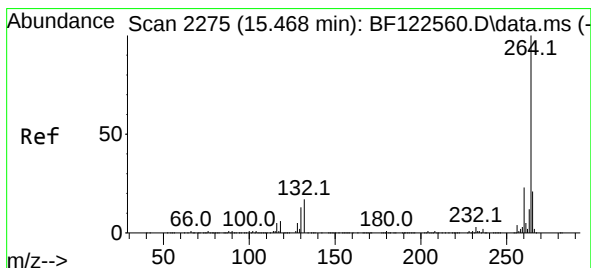
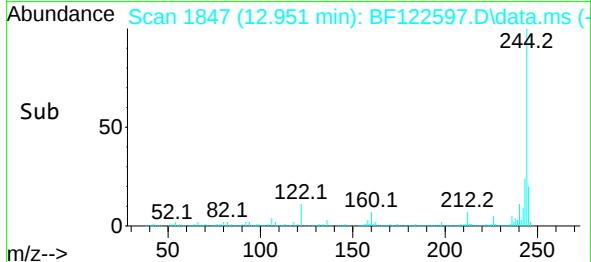
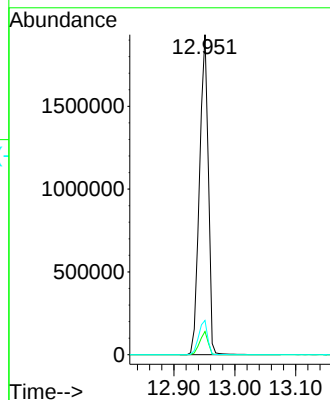
#79
 Terphenyl-d14
 Concen: 70.96 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122597.D
 Acq: 8 Dec 2020 19:49

Instrument :
 BNA_F
 ClientSampleId :
 CRT014

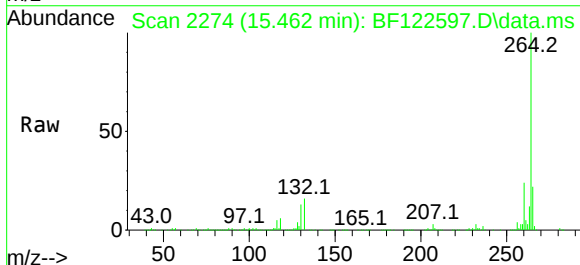


Tgt Ion:244 Resp: 1944894

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	10.7	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: BF122597.D
 Acq: 8 Dec 2020 19:49



Tgt Ion:264 Resp: 440207

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.9	17.0	25.6

