

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121043.D
 Acq On : 27 Jul 2020 20:50
 Operator : JU/CG
 Sample : L3383-27
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-014

Quant Time: Jul 28 01:06:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	175297	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	691422	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	372771	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	748913	20.00	ng	0.00
76) Chrysene-d12	13.97	240	580270	20.00	ng	0.00
86) Perylene-d12	15.42	264	460845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1147708	107.33	ng	0.02
7) Phenol-d6	6.45	99	1245530	90.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	1005676	84.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	545559	133.70	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1837008	73.58	ng	0.00
79) Terphenyl-d14	12.93	244	1990040	74.55	ng	0.00

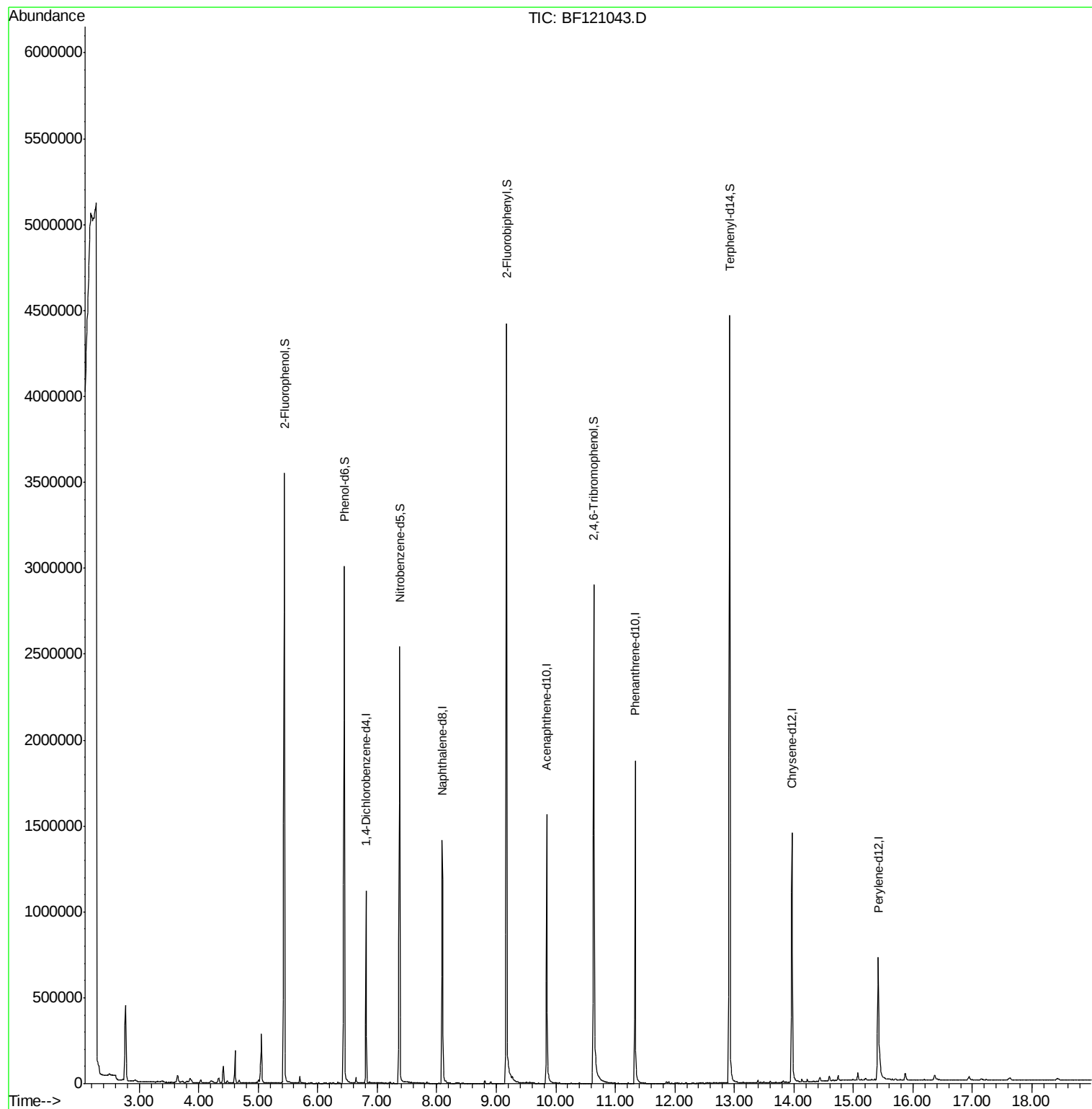
Target Compounds Qvalue

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

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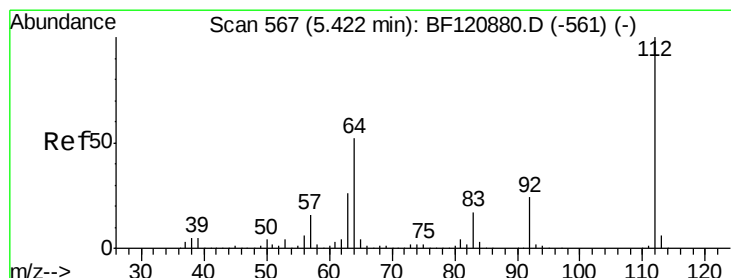
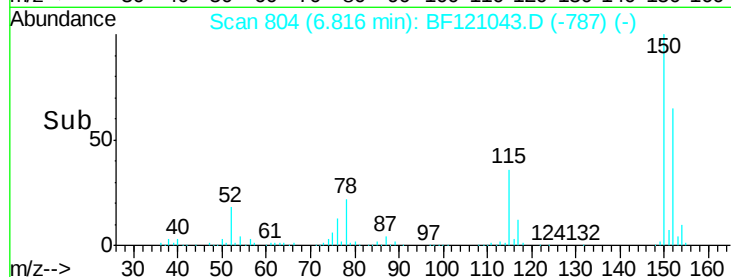
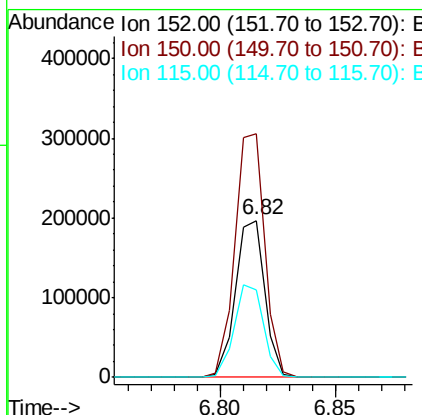
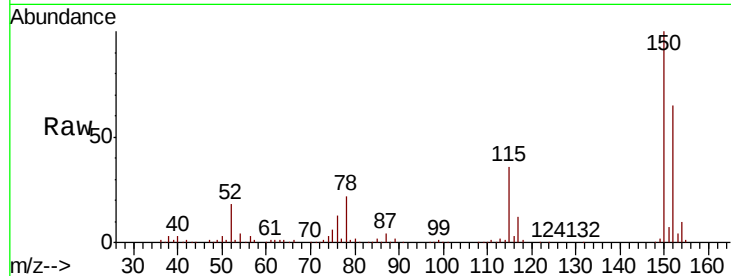


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121043.D
Acq: 27 Jul 2020 20:50

Instrument :
BNA_F
ClientSampleId :
CRT-014

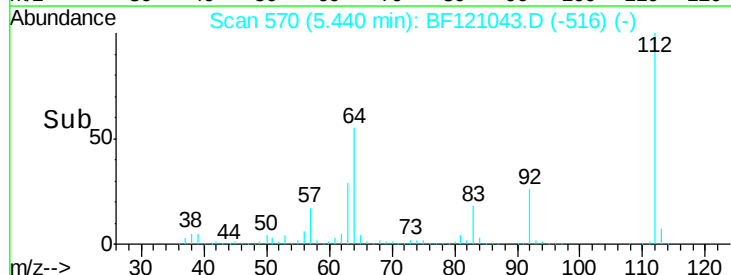
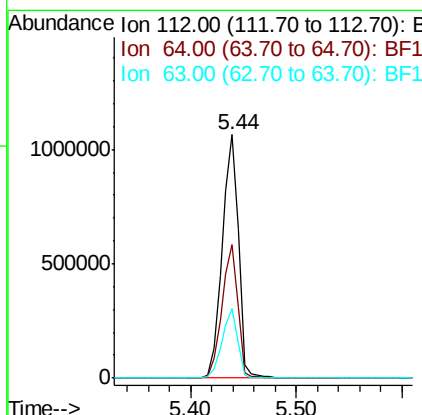
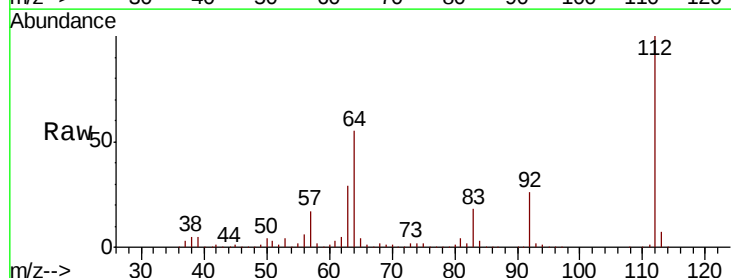
Tot Ion:152 Resp: 175297
Ion Ratio Lower Upper
152 100
150 154.9 125.0 187.6
115 55.9 47.0 70.4



#5

2-Fluorophenol
Concen: 107.332 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121043.D
Acq: 27 Jul 2020 20:50

Tgt Ion:112 Resp: 1147708
Ion Ratio Lower Upper
112 100
64 54.8 41.3 61.9
63 28.5 21.1 31.7





#7

Phenol-d6

Concen: 90.173 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121043.D

Acq: 27 Jul 2020 20:50

Instrument :

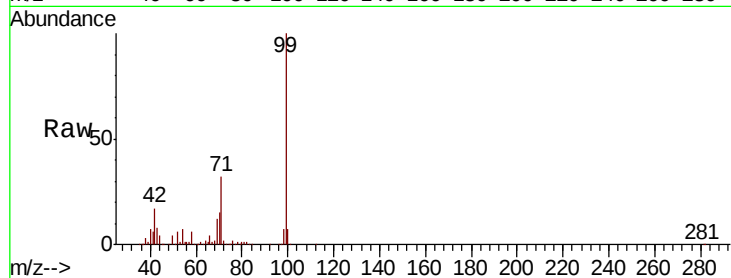
BNA_F

ClientSampled :

CRT-014

Tot Ion: 99 Resp: 1245530

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	32.3	24.2	36.4

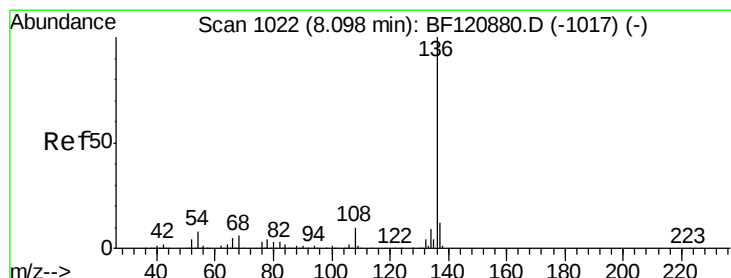
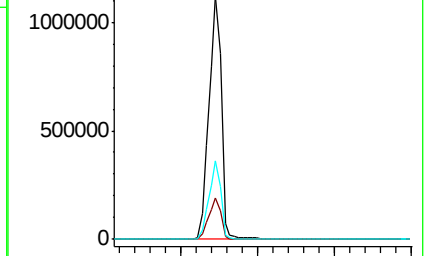
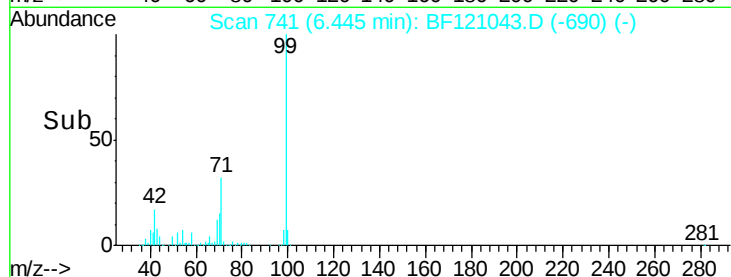


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

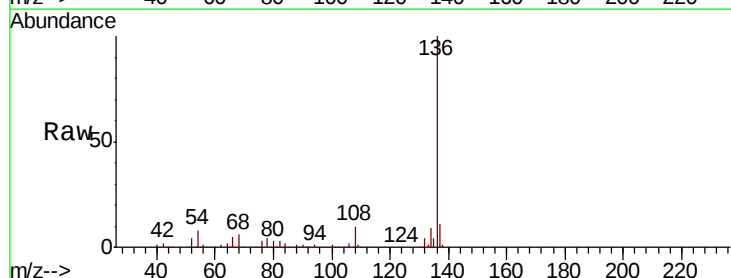
Delta R.T. -0.01 min

Lab File: BF121043.D

Acq: 27 Jul 2020 20:50

Tgt Ion: 136 Resp: 691422

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.8	6.3	9.5
68	6.2	5.0	7.4



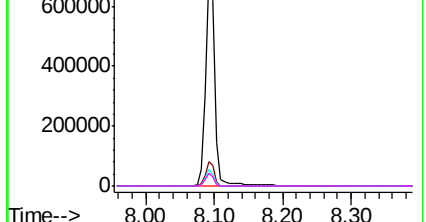
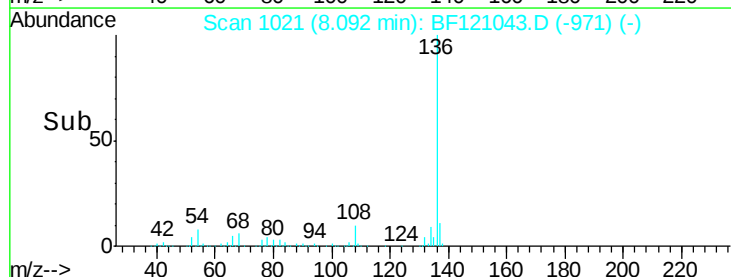
Abundance

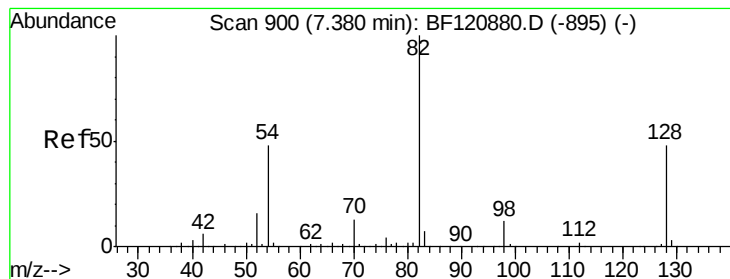
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 84.162 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121043.D

Acq: 27 Jul 2020 20:50

Instrument :

BNA_F

ClientSampled :

CRT-014

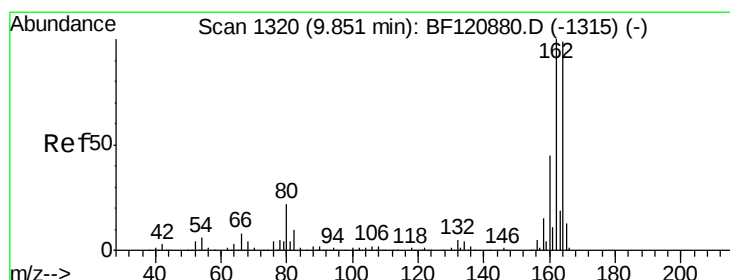
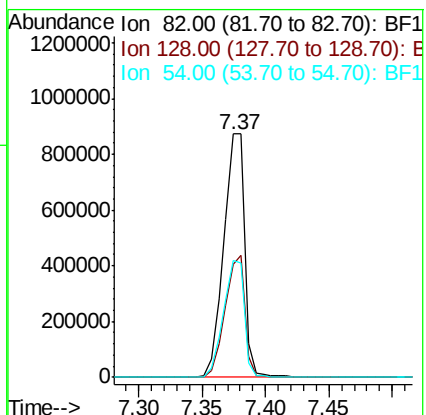
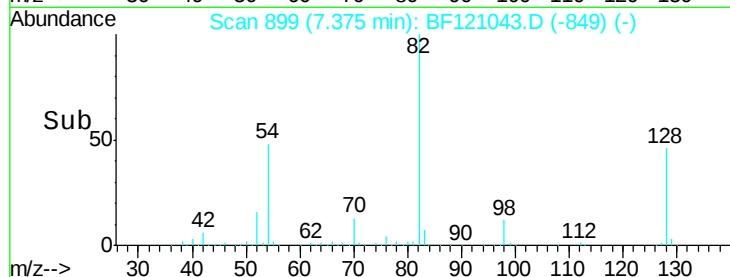
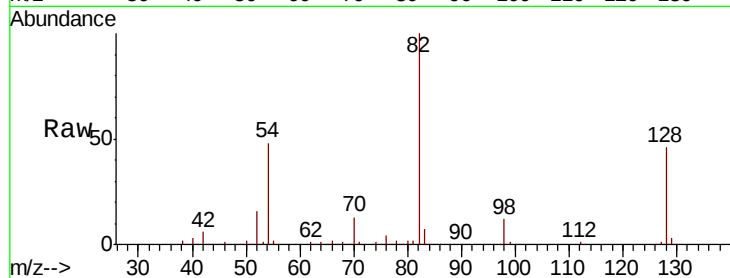
Tot Ion: 82 Resp: 1005676

Ion Ratio Lower Upper

82 100

128 46.5 38.2 57.4

54 47.9 38.7 58.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121043.D

Acq: 27 Jul 2020 20:50

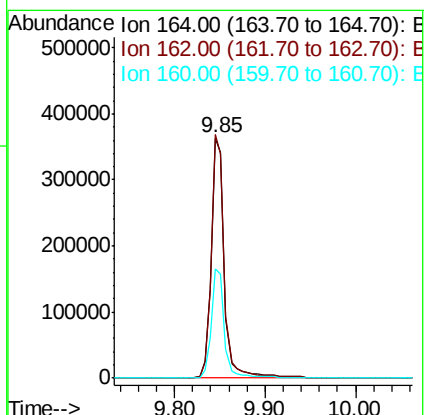
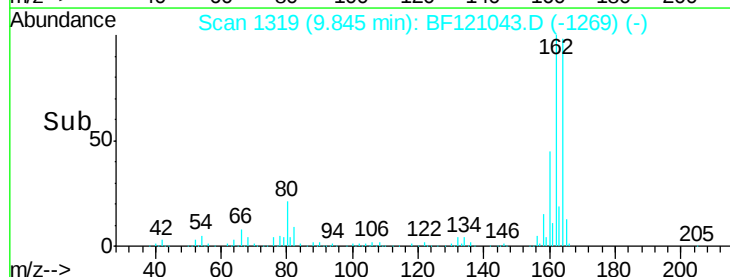
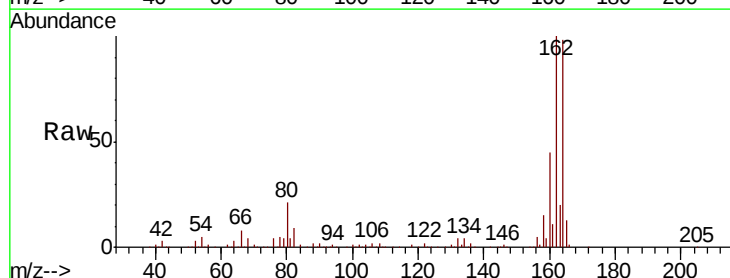
Tgt Ion:164 Resp: 372771

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

160 45.5 36.9 55.3

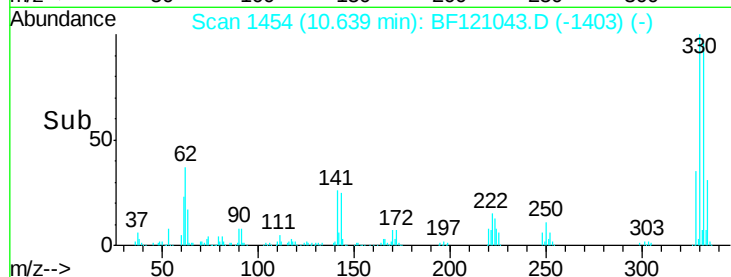
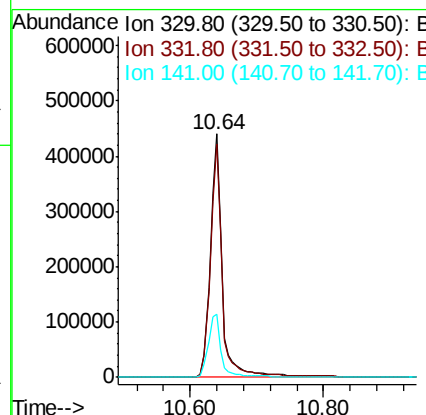
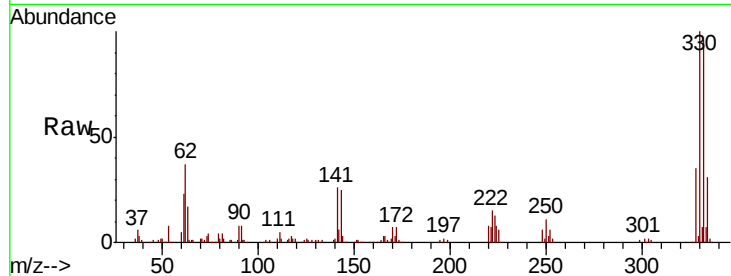




#42
 2,4,6-Tribromophenol
 Concen: 133.704 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121043.D
 Acq: 27 Jul 2020 20:50

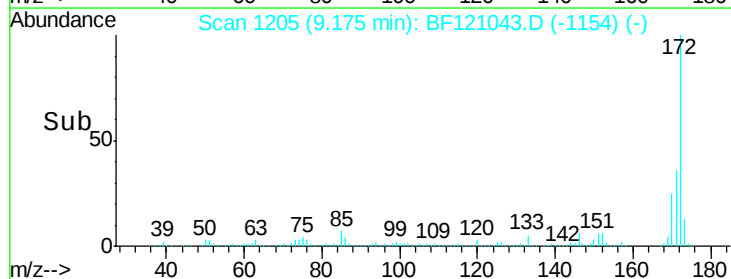
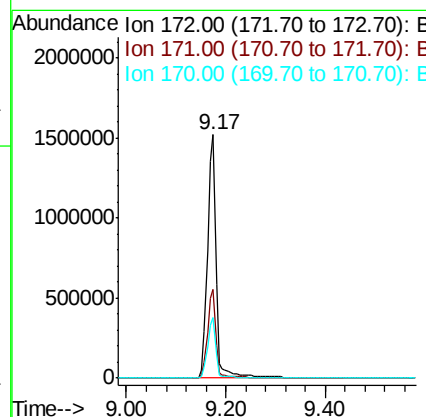
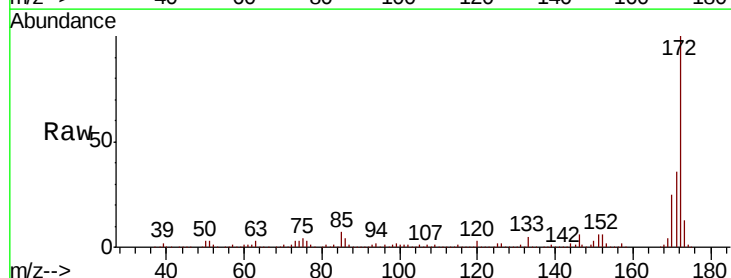
Instrument :
 BNA_F
 ClientSampled :
 CRT-014

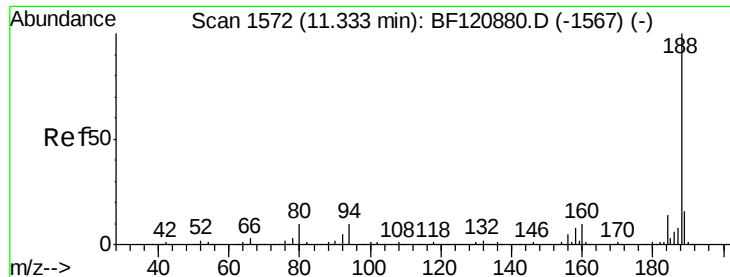
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.5	113.3
141	28.8	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 73.577 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121043.D
 Acq: 27 Jul 2020 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.7	19.6	29.4

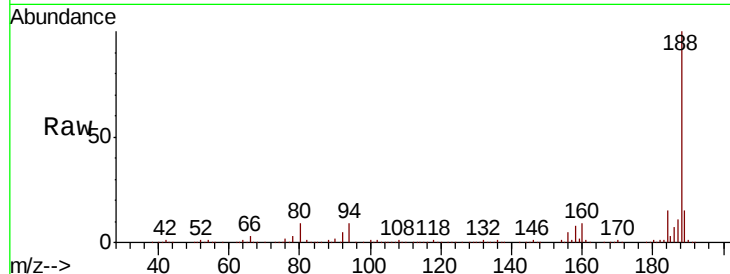




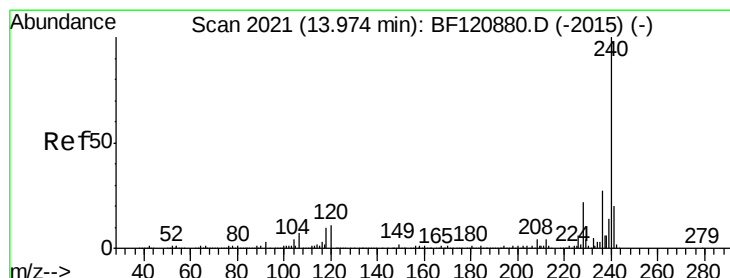
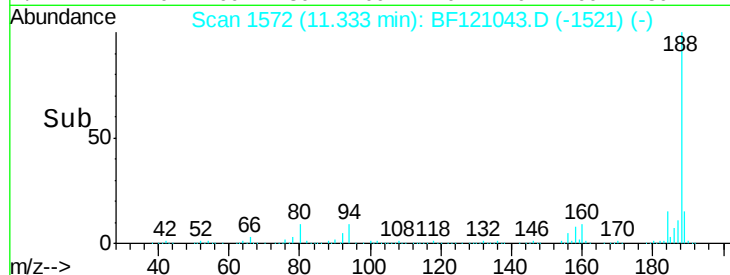
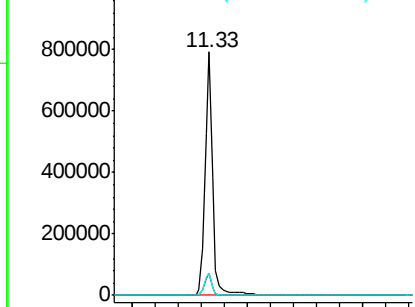
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121043.D
Acq: 27 Jul 2020 20:50

Instrument :
BNA_F
ClientSampled :
CRT-014

Tot Ion:188 Resp: 748913
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.4 8.3 12.5

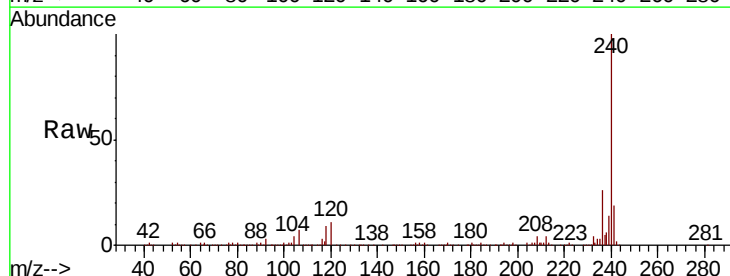


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

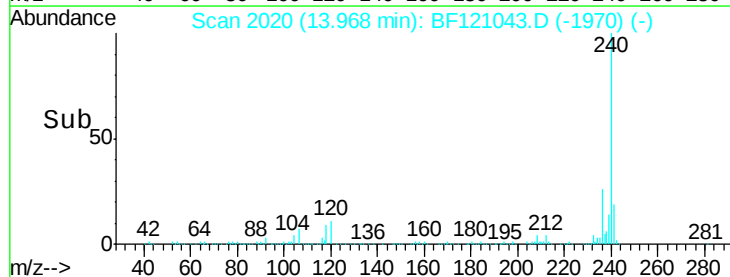
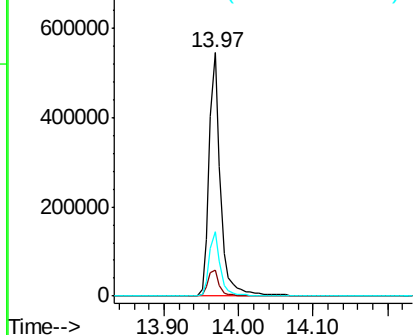


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121043.D
Acq: 27 Jul 2020 20:50

Tgt Ion:240 Resp: 580270
Ion Ratio Lower Upper
240 100
120 10.5 9.0 13.4
236 26.4 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

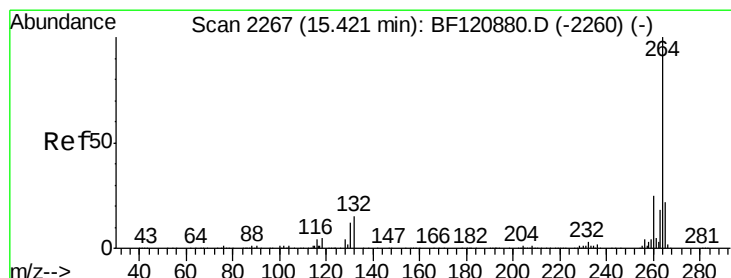
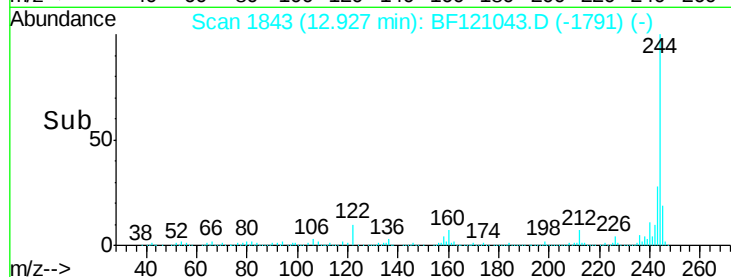
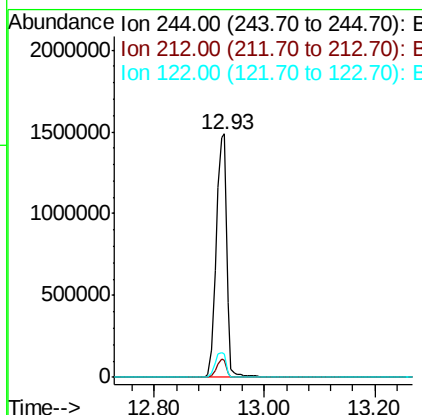
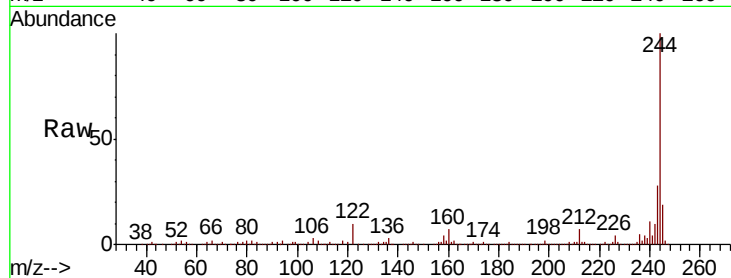




#79
 Terphenyl-d14
 Concen: 74.550 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121043.D
 Acq: 27 Jul 2020 20:50

Instrument :
 BNA_F
 ClientSampleId :
 CRT-014

Tot Ion:244 Resp: 1990040
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.8 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121043.D
 Acq: 27 Jul 2020 20:50

Tgt Ion:264 Resp: 460845
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 21.9 17.4 26.2

