

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121042.D
 Acq On : 27 Jul 2020 20:19
 Operator : JU/CG
 Sample : L3383-31
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-002

Quant Time: Jul 28 01:04:50 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	171793	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	623004	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	346890	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	661665	20.00	ng	0.00
76) Chrysene-d12	13.97	240	539186	20.00	ng	0.00
86) Perylene-d12	15.42	264	440711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1143753	109.14	ng	0.02
7) Phenol-d6	6.45	99	1226105	90.58	ng	0.00
23) Nitrobenzene-d5	7.38	82	999721	92.85	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	518923	136.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1830356	78.78	ng	0.00
79) Terphenyl-d14	12.92	244	1924415	77.58	ng	0.00

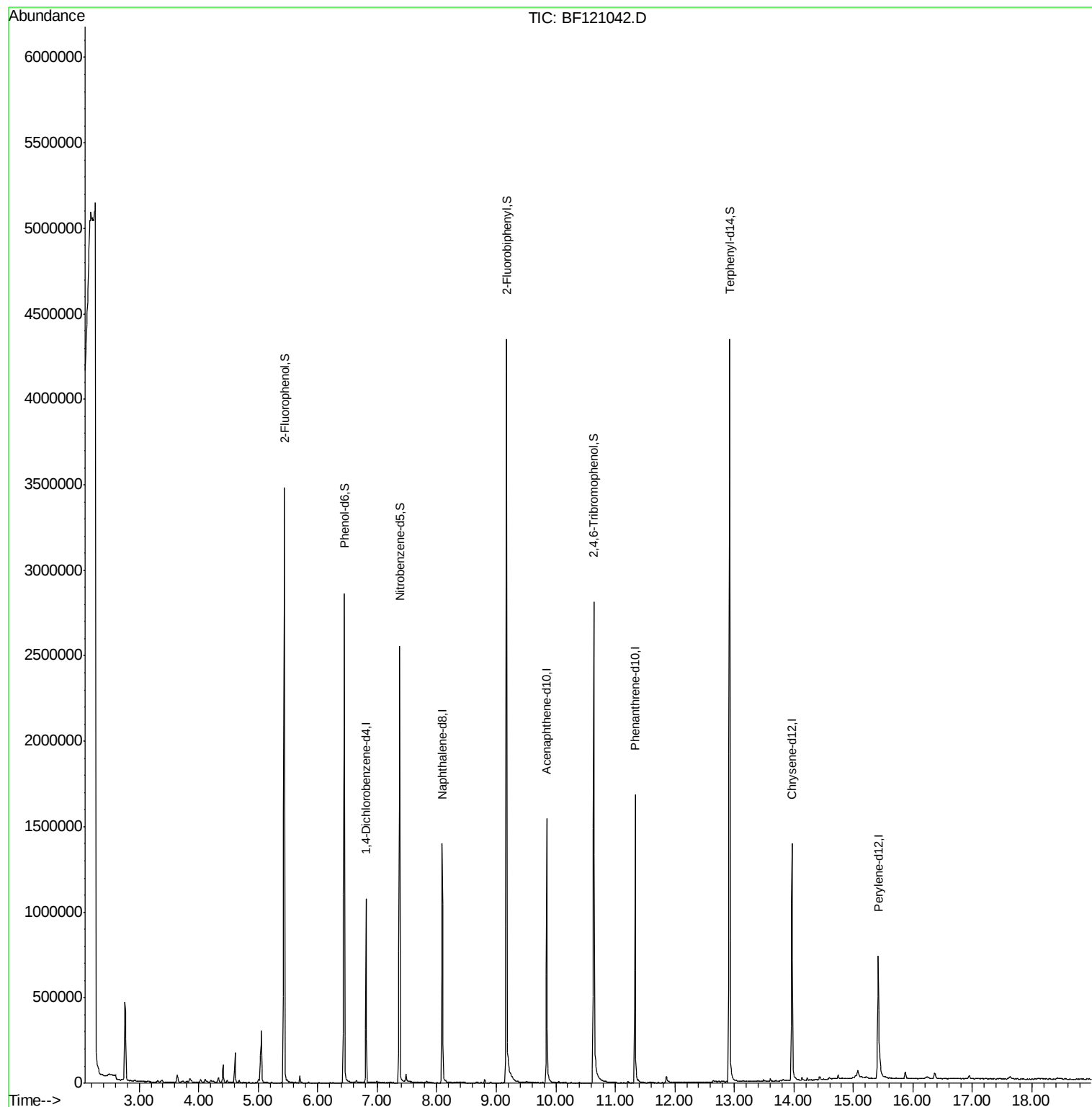
Target Compounds Qvalue

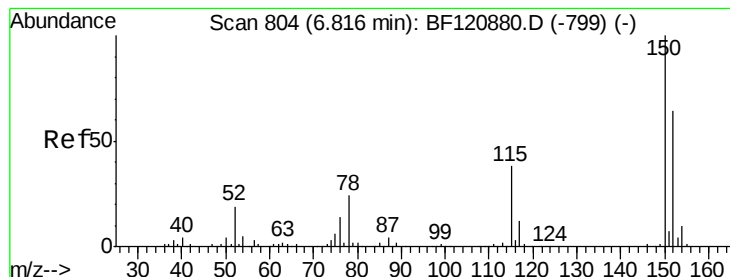
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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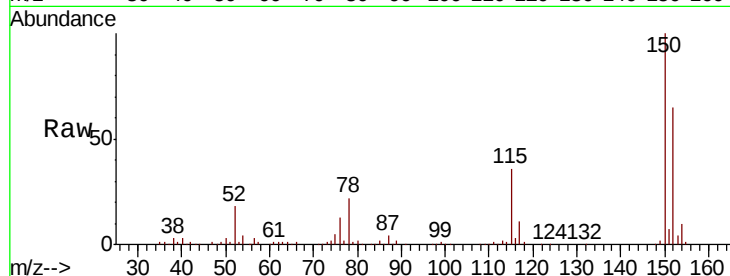


#1

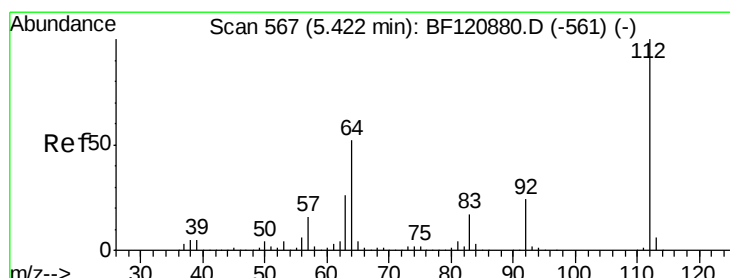
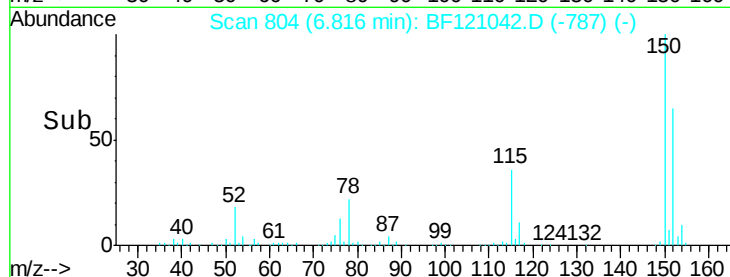
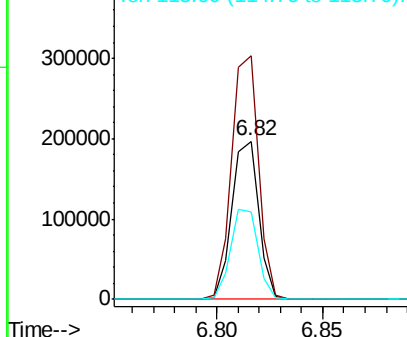
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121042.D
Acq: 27 Jul 2020 20:19

Instrument :
BNA_F
ClientSampleId :
CRT-002

Tot Ion:152 Resp: 171793
Ion Ratio Lower Upper
152 100
150 154.2 125.0 187.6
115 55.1 47.0 70.4



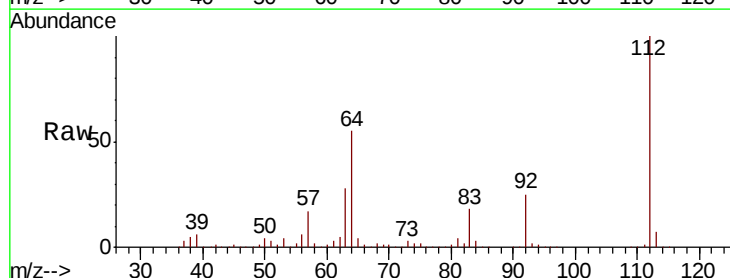
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



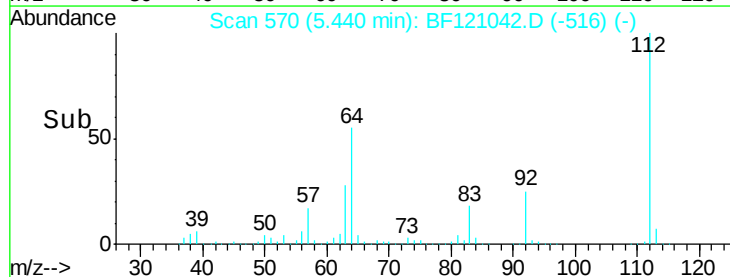
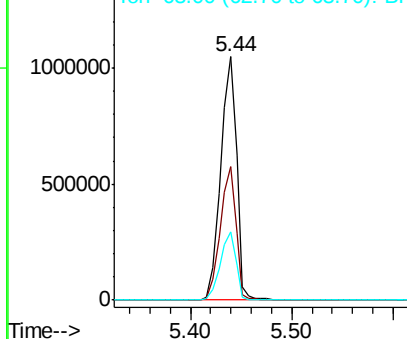
#5

2-Fluorophenol
Concen: 109.144 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121042.D
Acq: 27 Jul 2020 20:19

Tgt Ion:112 Resp: 1143753
Ion Ratio Lower Upper
112 100
64 54.7 41.3 61.9
63 28.2 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.577 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121042.D

Acq: 27 Jul 2020 20:19

Instrument :

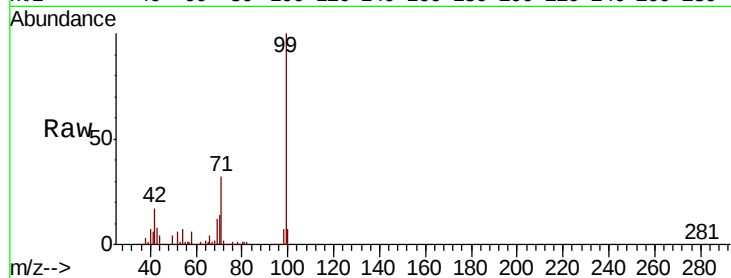
BNA_F

ClientSampled :

CRT-002

Tot Ion: 99 Resp: 1226105

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.1	19.7
71	31.5	24.2	36.4

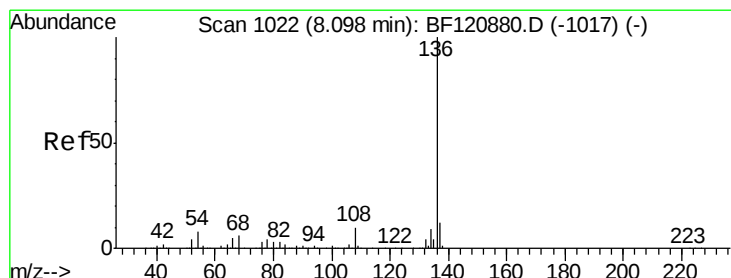
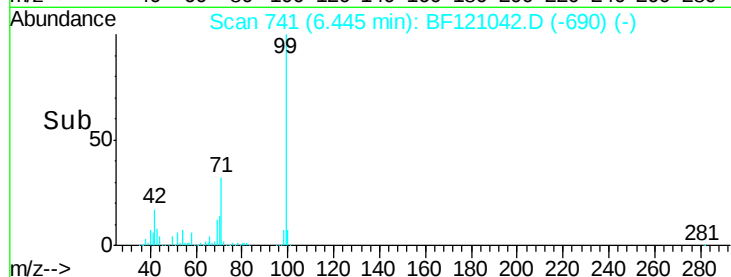


Abundance

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

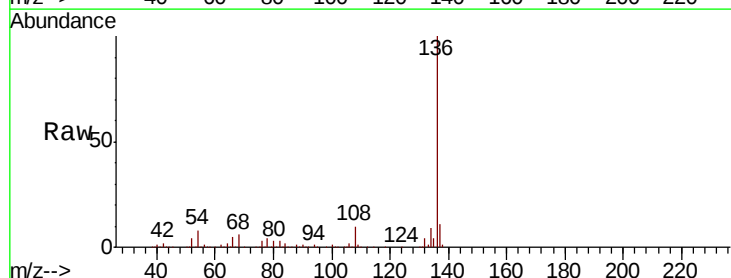
Delta R.T. -0.01 min

Lab File: BF121042.D

Acq: 27 Jul 2020 20:19

Tgt Ion: 136 Resp: 623004

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.7	6.3	9.5
68	6.1	5.0	7.4



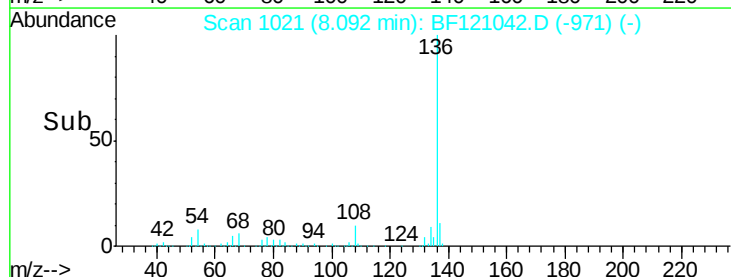
Abundance

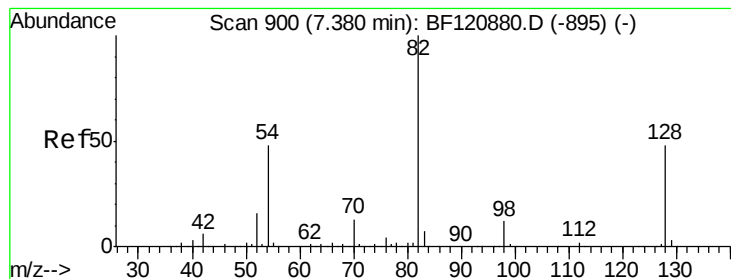
Ion 136.00 (135.70 to 136.70): E

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: 92.852 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF121042.D

Acq: 27 Jul 2020 20:19

Instrument :

BNA_F

ClientSampled :

CRT-002

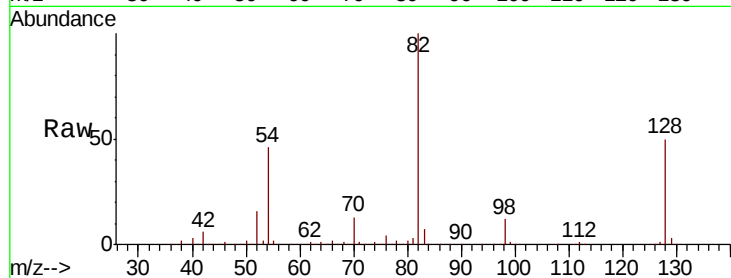
Tot Ion: 82 Resp: 999721

Ion Ratio Lower Upper

82 100

128 49.5 38.2 57.4

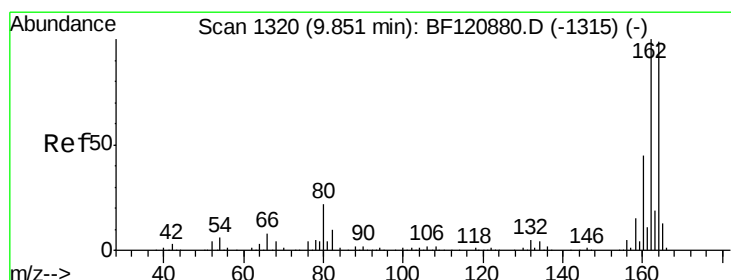
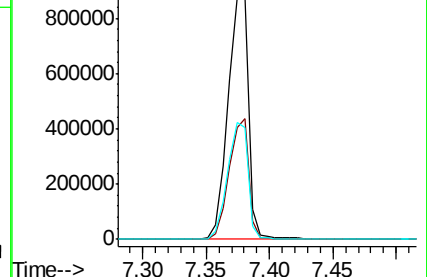
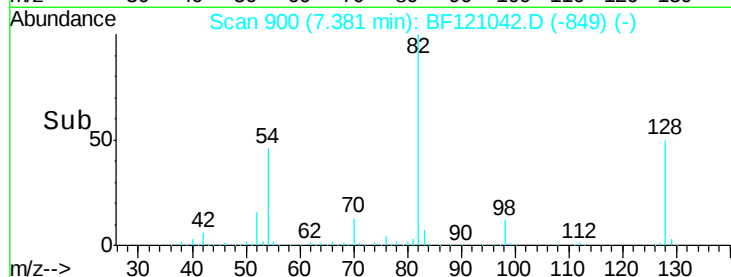
54 45.9 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121042.D

Acq: 27 Jul 2020 20:19

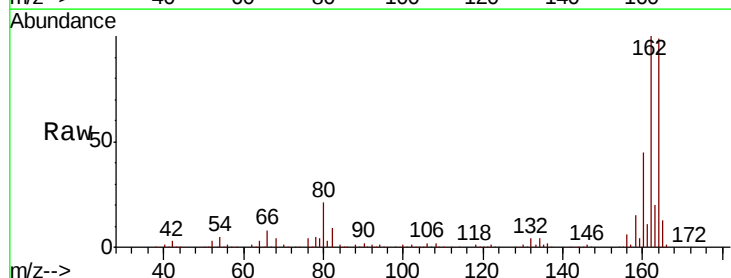
Tgt Ion: 164 Resp: 346890

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

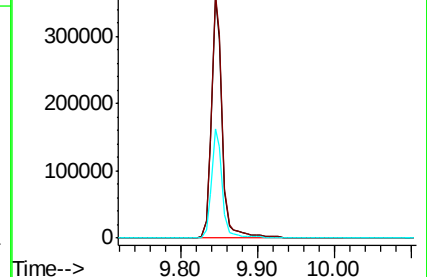
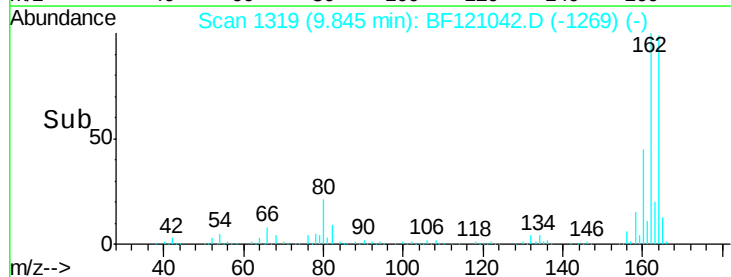
160 45.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

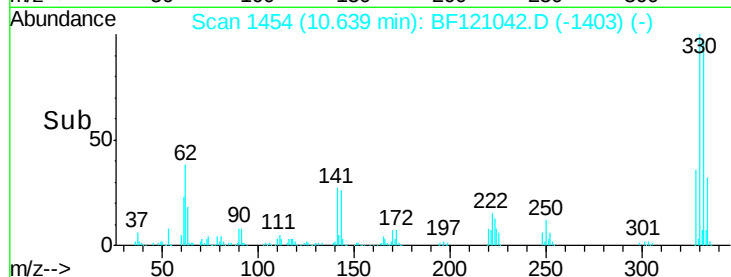
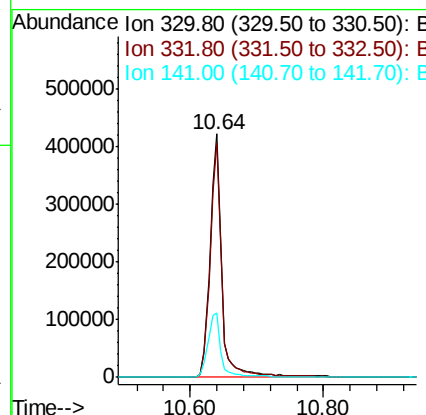
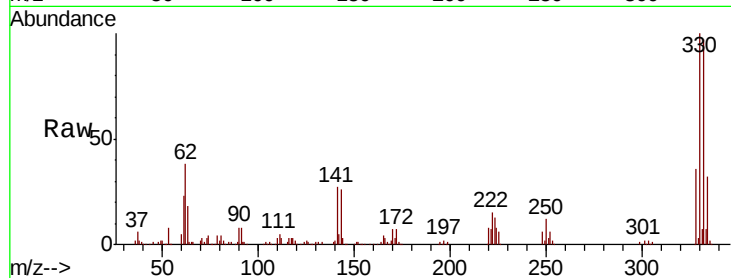




#42
 2,4,6-Tribromophenol
 Concen: 136.665 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121042.D
 Acq: 27 Jul 2020 20:19

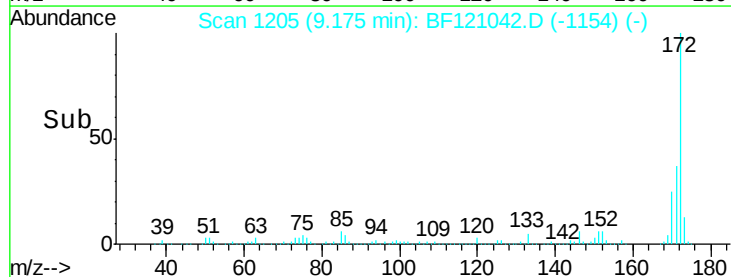
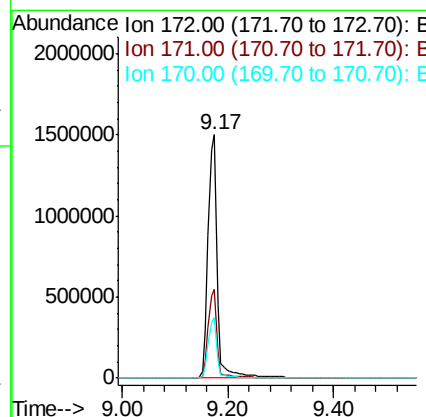
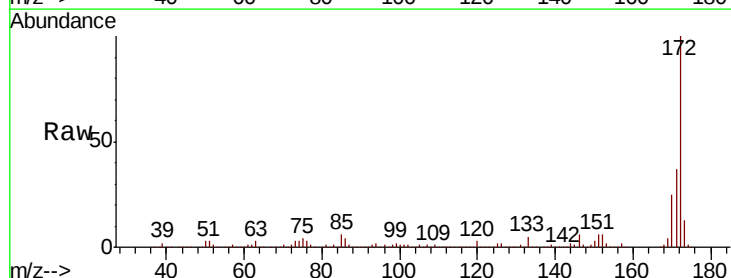
Instrument :
 BNA_F
 ClientSampled :
 CRT-002

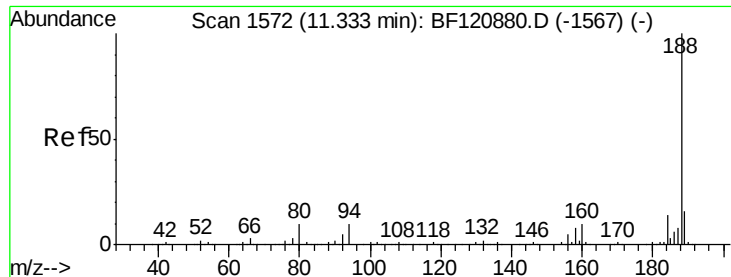
Tot Ion:330 Resp: 518923
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.5 113.3
 141 29.6 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 78.780 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121042.D
 Acq: 27 Jul 2020 20:19

Tgt Ion:172 Resp: 1830356
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.4
 170 24.8 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: BF121042.D

Acq: 27 Jul 2020 20:19

Instrument :

BNA_F

ClientSampleId :

CRT-002

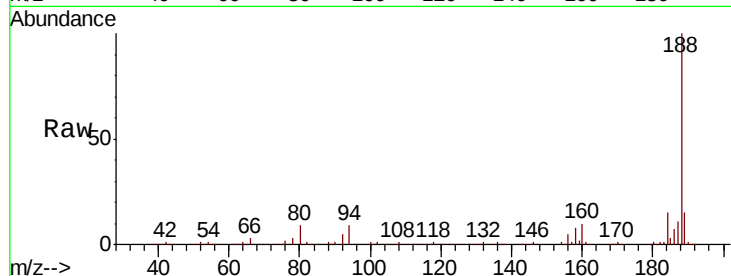
Tot Ion:188 Resp: 661665

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

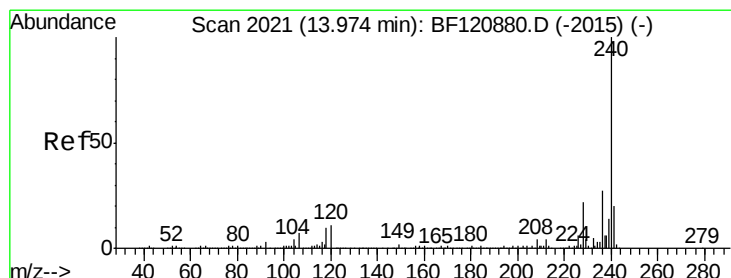
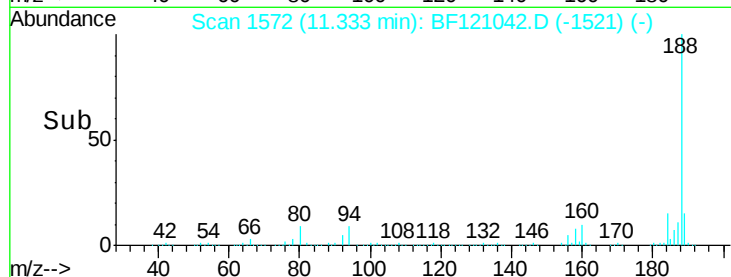
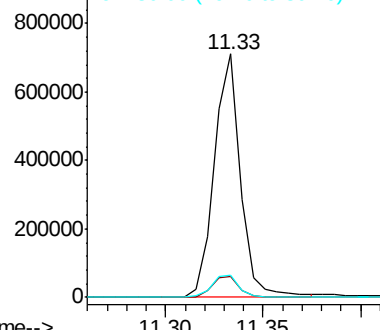
80 9.1 8.3 12.5



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: BF121042.D

Acq: 27 Jul 2020 20:19

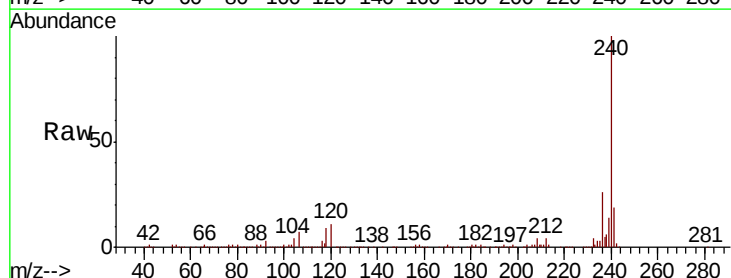
Tgt Ion:240 Resp: 539186

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.4

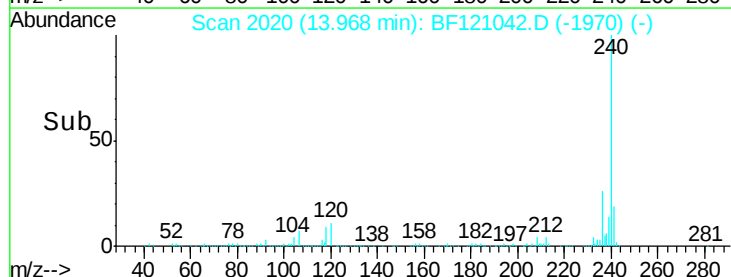
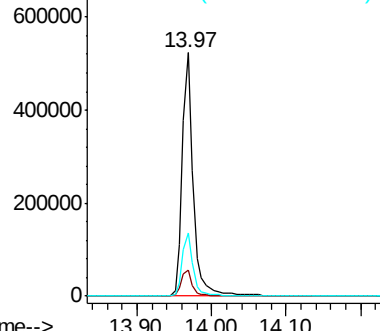
236 26.1 21.7 32.5



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

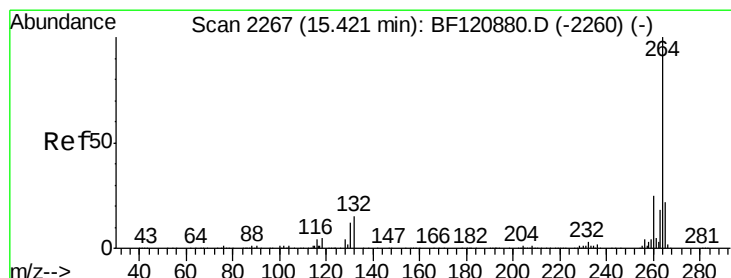
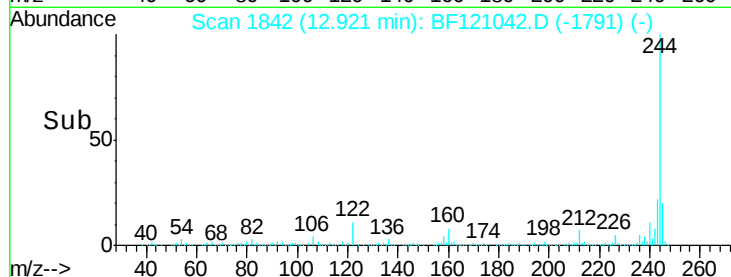
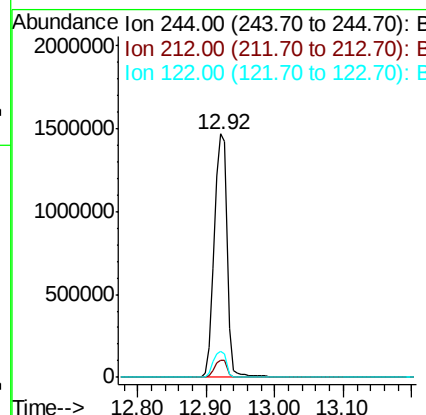
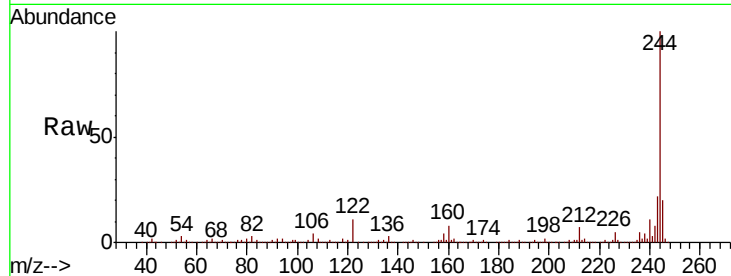




#79
 Terphenyl-d14
 Concen: 77.585 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121042.D
 Acq: 27 Jul 2020 20:19

Instrument :
 BNA_F
 ClientSampleId :
 CRT-002

Tot Ion:244 Resp: 1924415
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.6 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: BF121042.D
 Acq: 27 Jul 2020 20:19

Tgt Ion:264 Resp: 440711
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 20.8 17.4 26.2

