

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121047.D
 Acq On : 27 Jul 2020 22:51
 Operator : JU/CG
 Sample : L3383-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-009

Quant Time: Jul 28 01:15:49 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	191205	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	747260	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	397148	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	795238	20.00	ng	0.00
76) Chrysene-d12	13.97	240	589540	20.00	ng	0.00
86) Perylene-d12	15.42	264	467113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1226019	105.12	ng	0.02
7) Phenol-d6	6.45	99	1306054	86.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	1102259	85.35	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	584850	134.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1863251	70.05	ng	0.00
79) Terphenyl-d14	12.93	244	2102165	77.51	ng	0.00

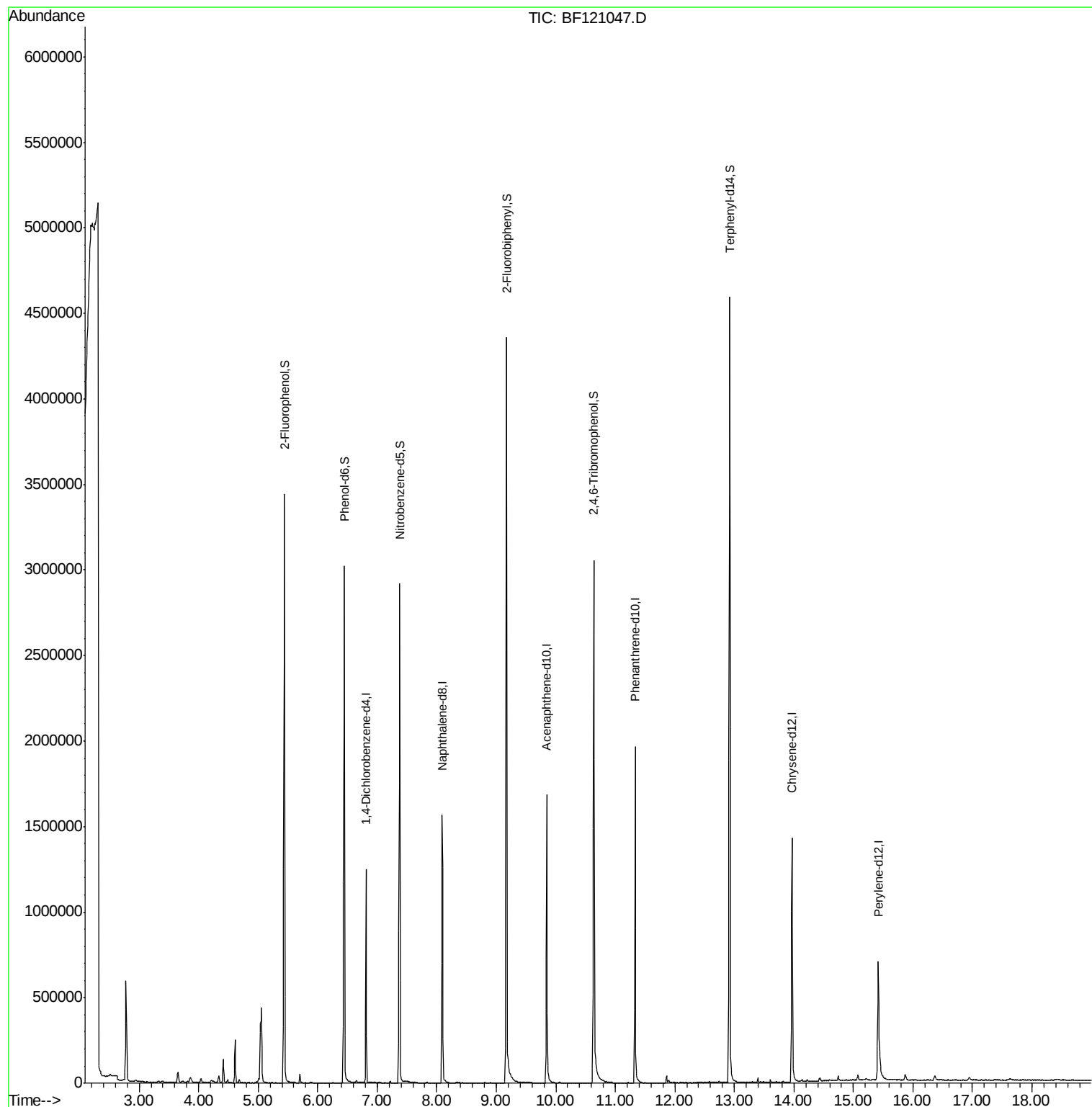
Target Compounds Qvalue

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

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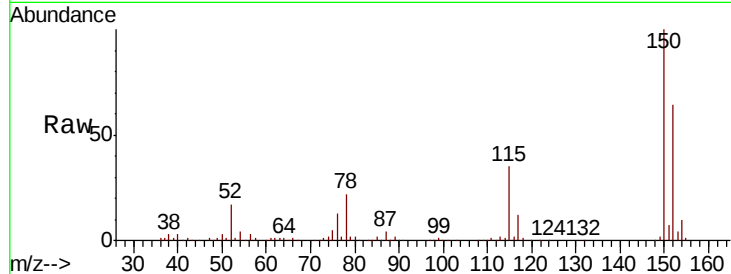


#1

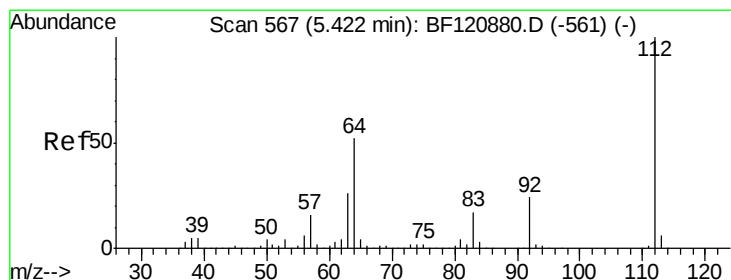
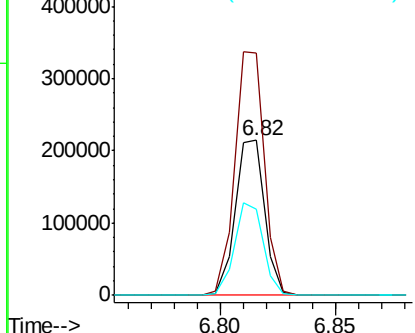
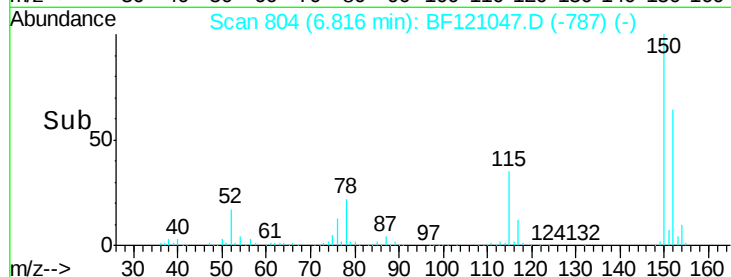
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121047.D
Acq: 27 Jul 2020 22:51

Instrument :
BNA_F
ClientSampleId :
CRT-009

Tot Ion:152 Resp: 191205
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.6
115 55.6 47.0 70.4



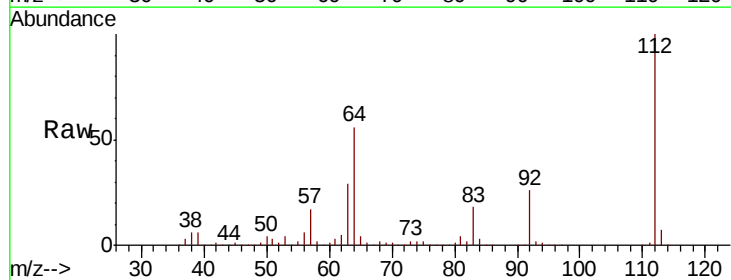
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



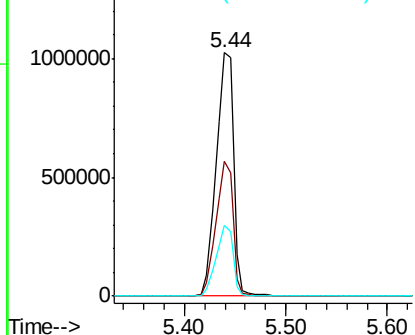
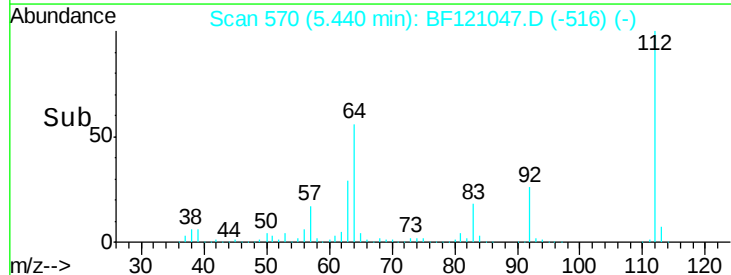
#5

2-Fluorophenol
Concen: 105.117 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121047.D
Acq: 27 Jul 2020 22:51

Tgt Ion:112 Resp: 1226019
Ion Ratio Lower Upper
112 100
64 55.6 41.3 61.9
63 28.9 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: 86.688 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121047.D

Acq: 27 Jul 2020 22:51

Instrument :

BNA_F

ClientSampleId :

CRT-009

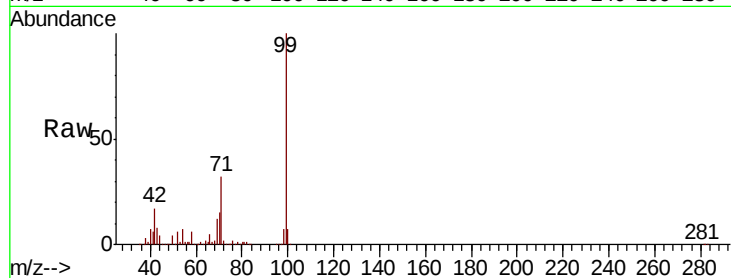
Tot Ion: 99 Resp: 1306054

Ion Ratio Lower Upper

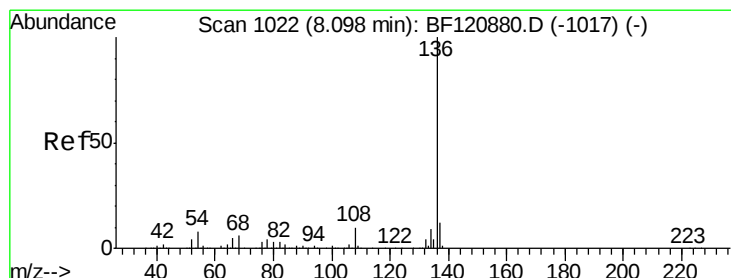
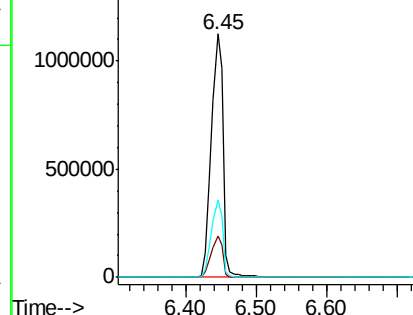
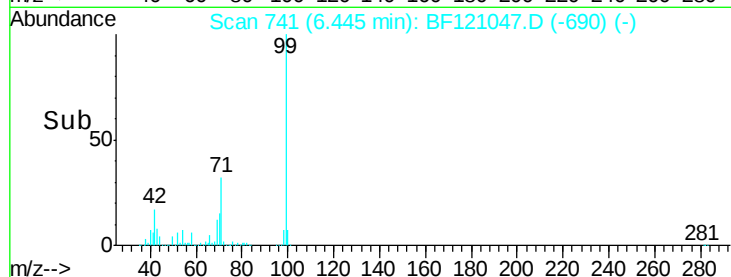
99 100

42 16.9 13.1 19.7

71 31.9 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: BF121047.D

Acq: 27 Jul 2020 22:51

Tgt Ion: 136 Resp: 747260

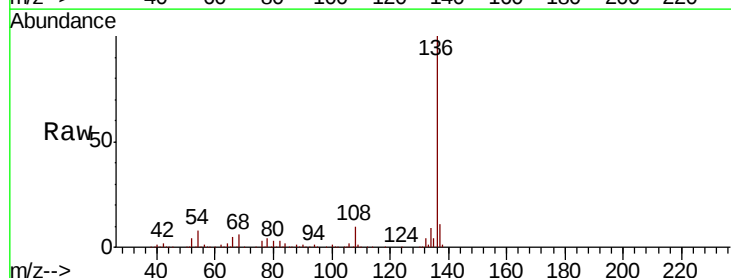
Ion Ratio Lower Upper

136 100

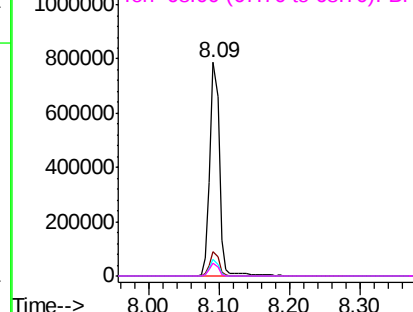
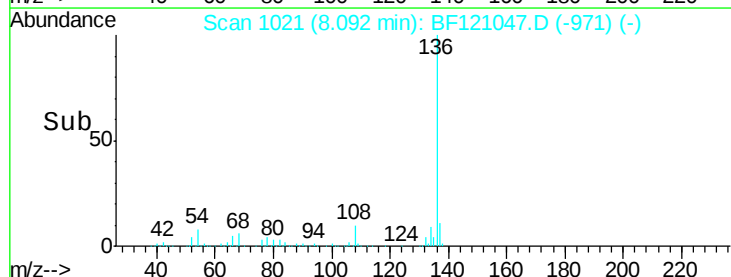
137 11.5 9.3 13.9

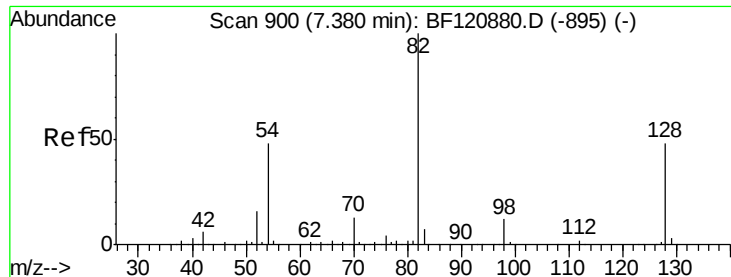
54 7.8 6.3 9.5

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

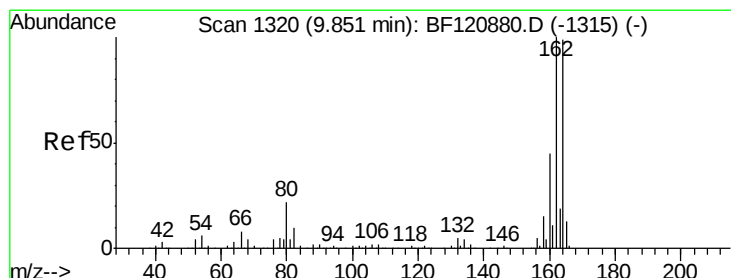
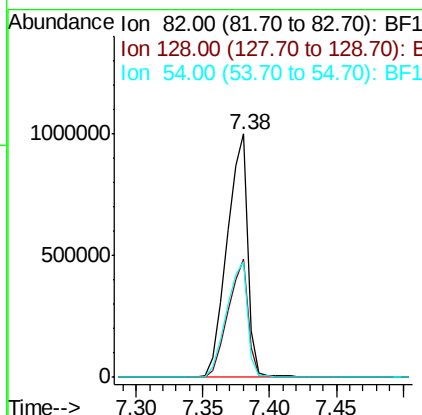
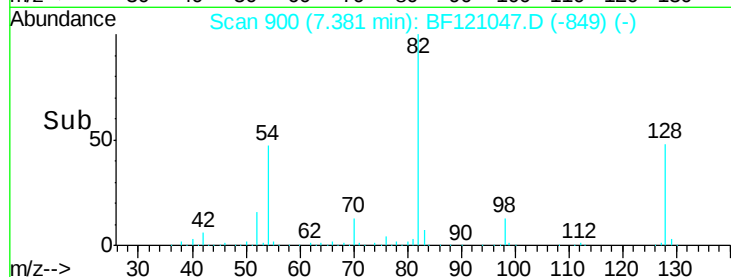
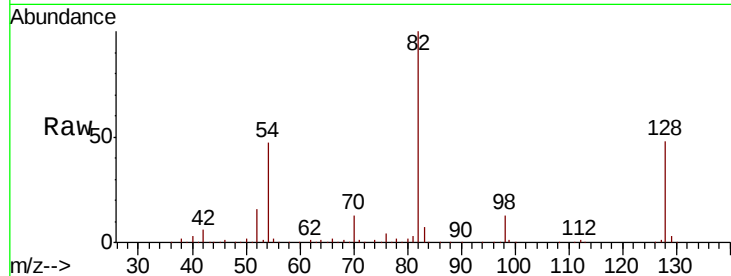




#23
 Nitrobenzene-d5
 Concen: 85.352 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121047.D
 Acq: 27 Jul 2020 22:51

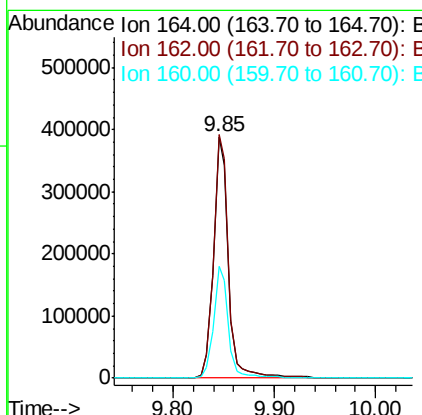
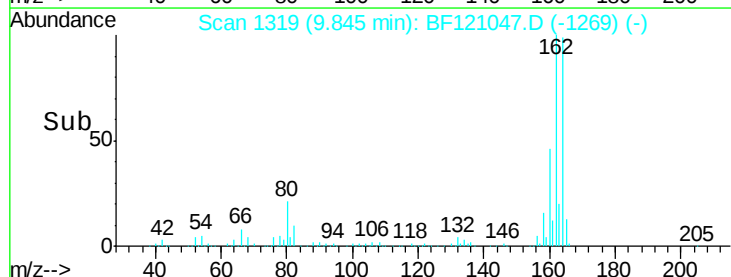
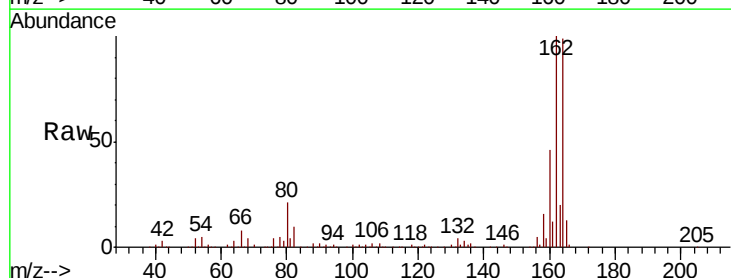
Instrument :
 BNA_F
 ClientSampleId :
 CRT-009

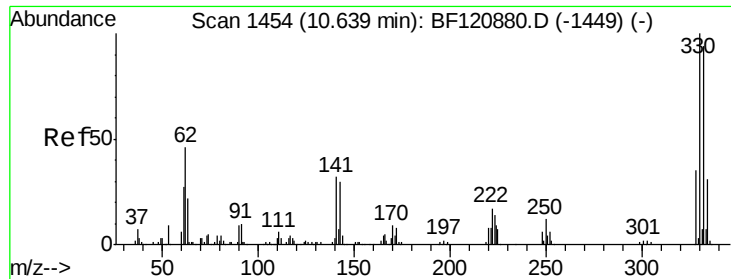
Tot Ion: 82 Resp: 1102259
 Ion Ratio Lower Upper
 82 100
 128 48.5 38.2 57.4
 54 47.3 38.7 58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121047.D
 Acq: 27 Jul 2020 22:51

Tgt Ion:164 Resp: 397148
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.2 121.8
 160 46.1 36.9 55.3

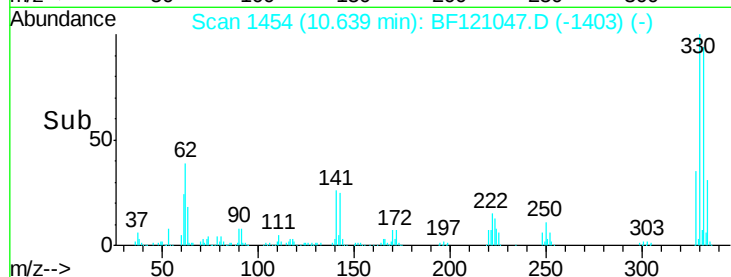
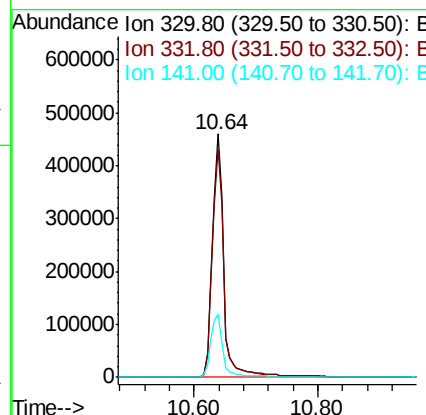
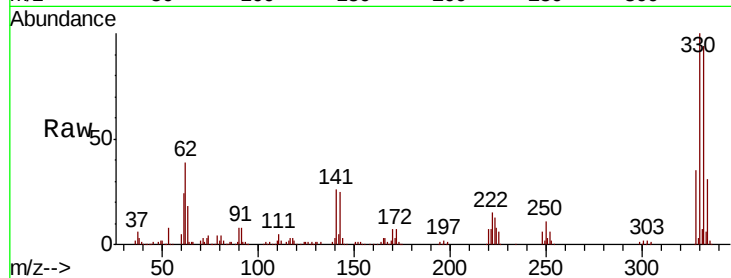




#42
 2,4,6-Tribromophenol
 Concen: 134.536 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121047.D
 Acq: 27 Jul 2020 22:51

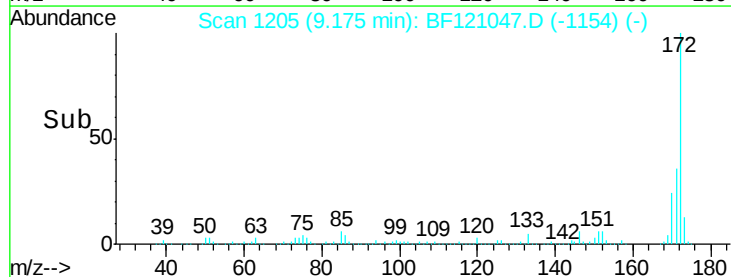
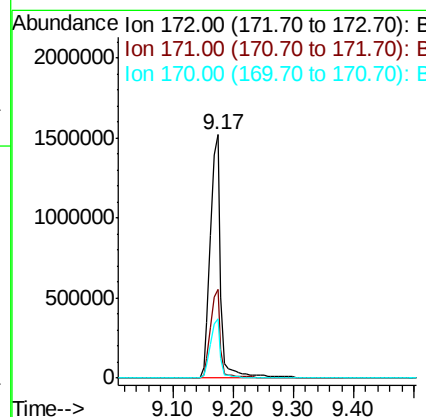
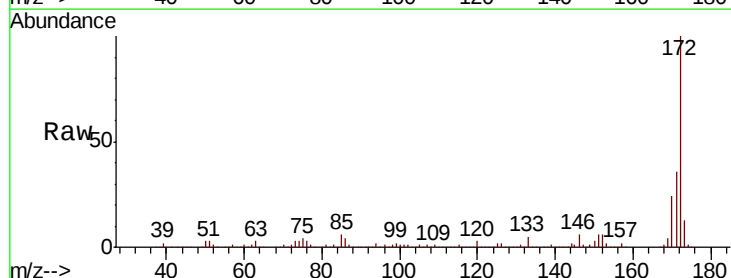
Instrument :
 BNA_F
 ClientSampleId :
 CRT-009

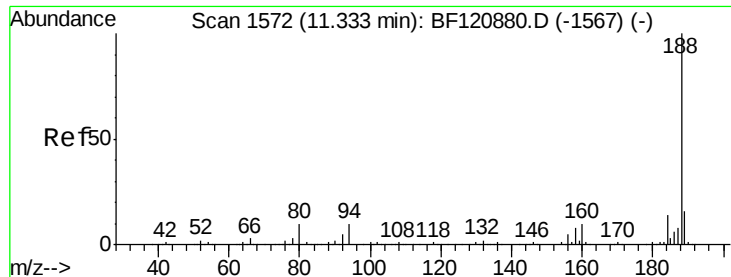
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.5	113.3
141	28.5	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 70.047 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121047.D
 Acq: 27 Jul 2020 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.3	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: BF121047.D

Acq: 27 Jul 2020 22:51

Instrument :

BNA_F

ClientSampled :

CRT-009

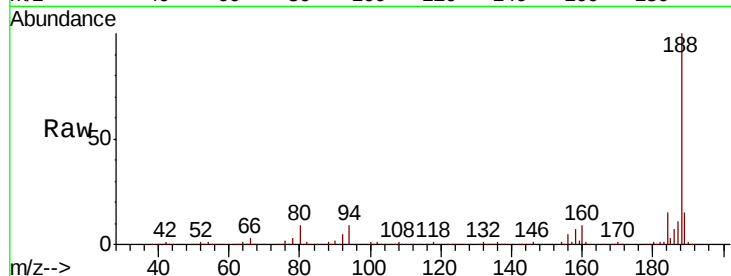
Tot Ion:188 Resp: 795238

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

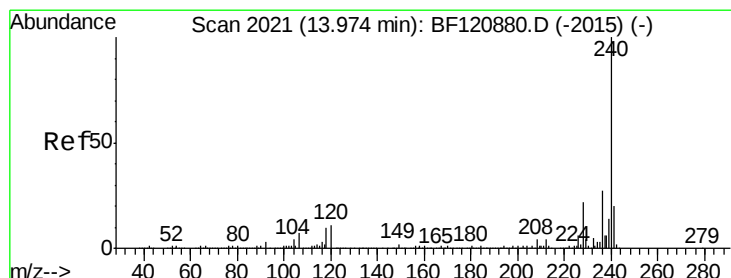
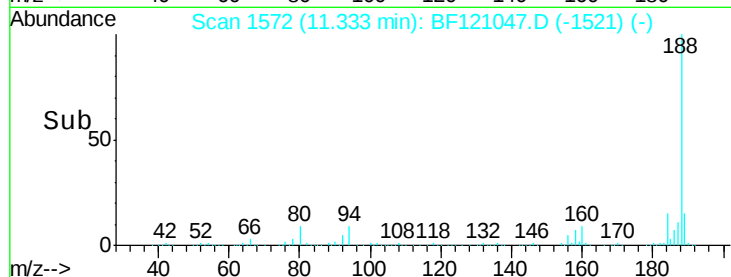
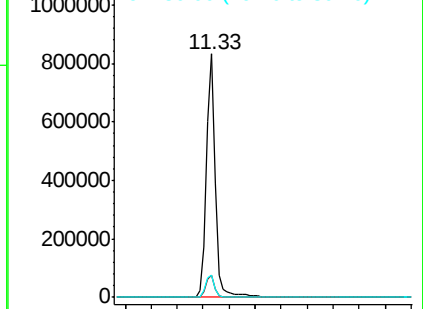
80 9.4 8.3 12.5



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: BF121047.D

Acq: 27 Jul 2020 22:51

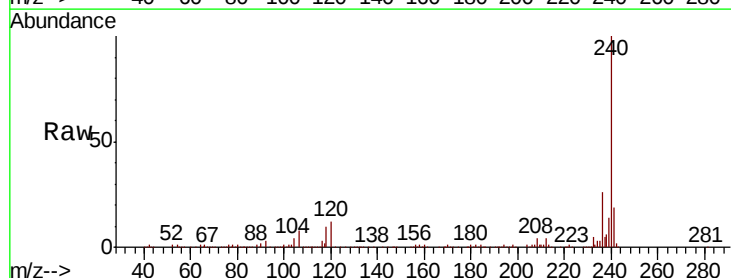
Tgt Ion:240 Resp: 589540

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.4

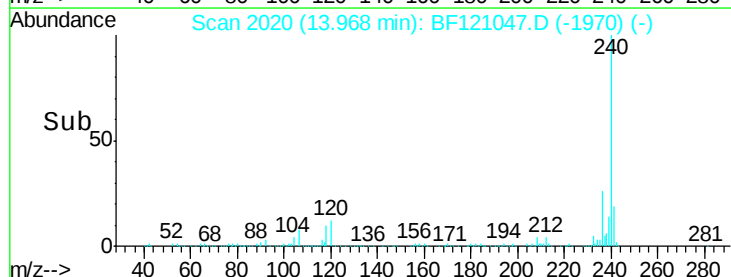
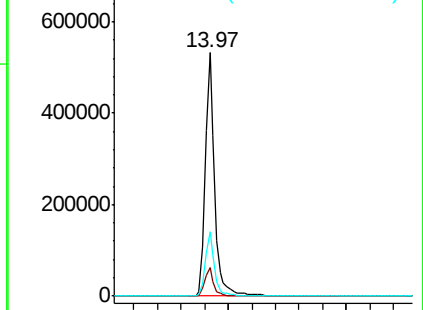
236 26.3 21.7 32.5



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

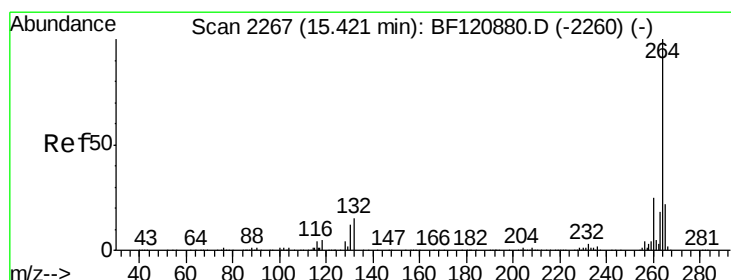
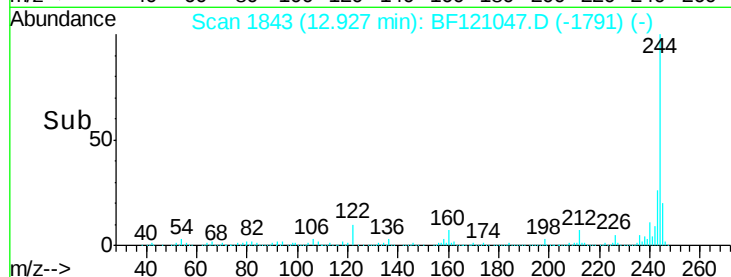
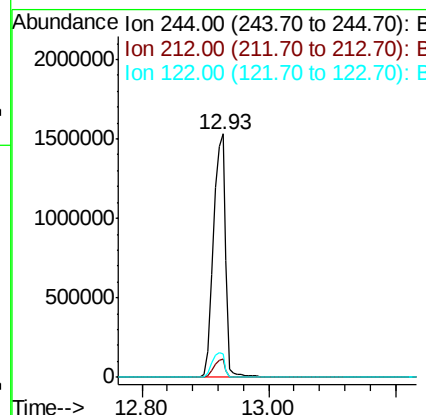
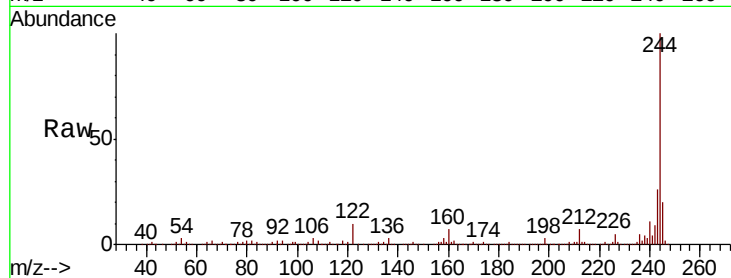




#79
 Terphenyl-d14
 Concen: 77.512 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121047.D
 Acq: 27 Jul 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 CRT-009

Tot Ion:244 Resp: 2102165
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 9.7 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: BF121047.D
 Acq: 27 Jul 2020 22:51

Tgt Ion:264 Resp: 467113
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.8 17.4 26.2

