

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121045.D
 Acq On : 27 Jul 2020 21:51
 Operator : JU/CG
 Sample : L3383-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-008

Quant Time: Jul 28 01:11:49 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	179916	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	699110	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	372331	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	751571	20.00	ng	0.00
76) Chrysene-d12	13.97	240	583595	20.00	ng	0.00
86) Perylene-d12	15.42	264	451567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1173654	106.94	ng	0.02
7) Phenol-d6	6.45	99	1256097	88.60	ng	0.00
23) Nitrobenzene-d5	7.38	82	1024355	84.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	555517	136.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1735653	69.60	ng	0.00
79) Terphenyl-d14	12.93	244	2038416	75.93	ng	0.00

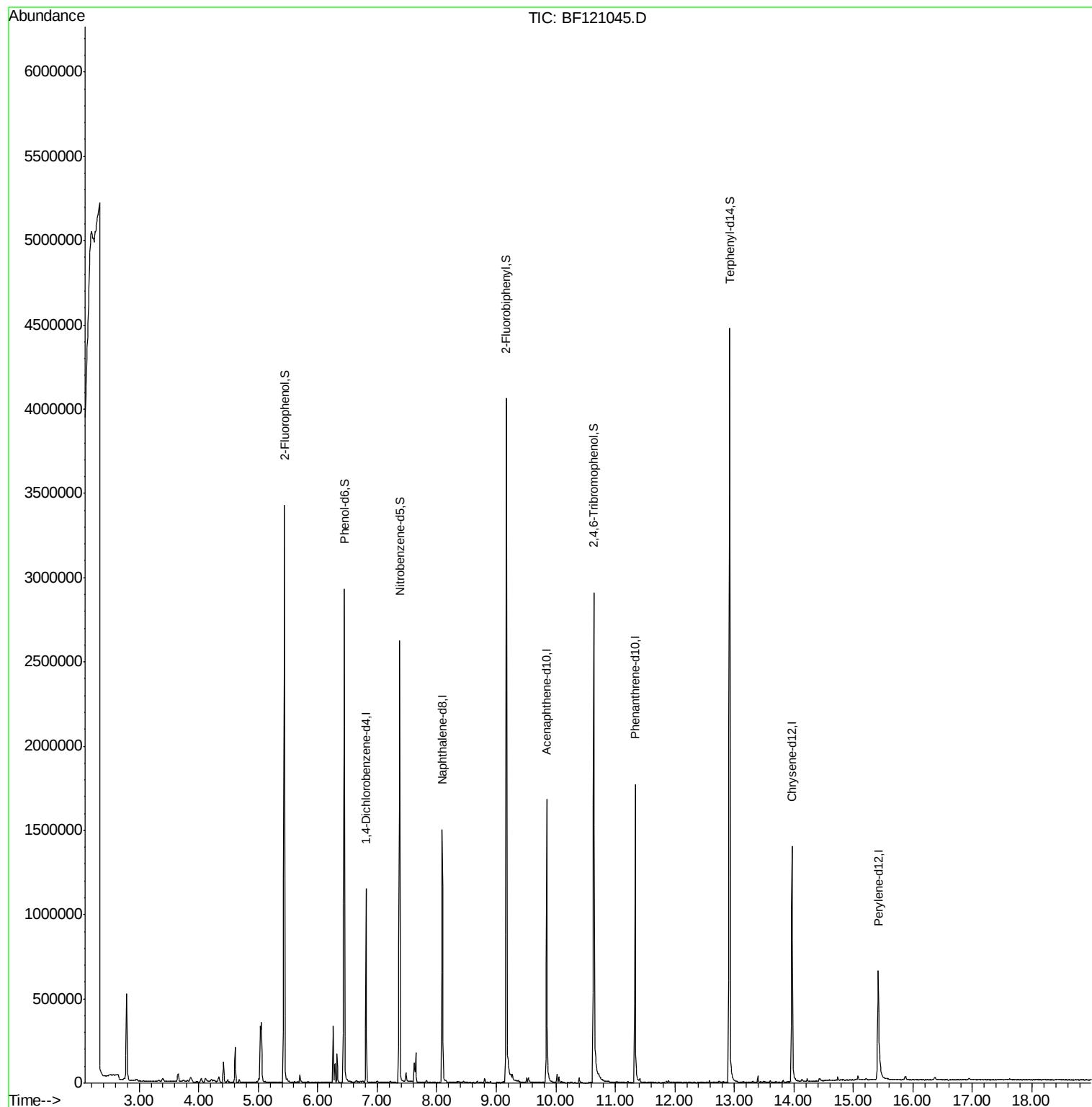
Target Compounds Qvalue

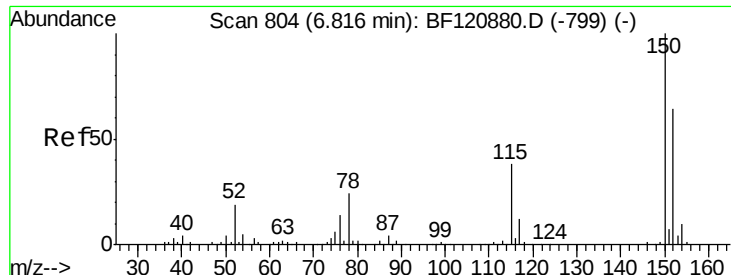
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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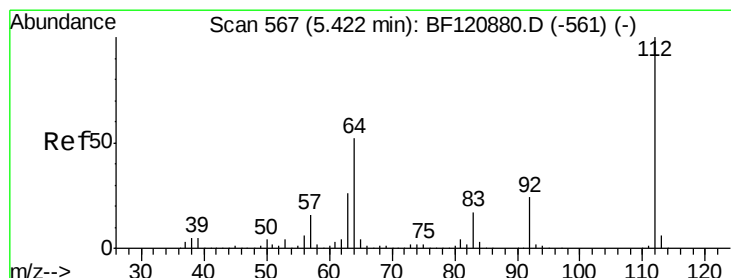
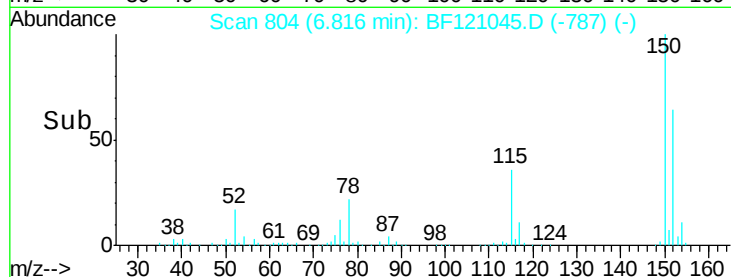
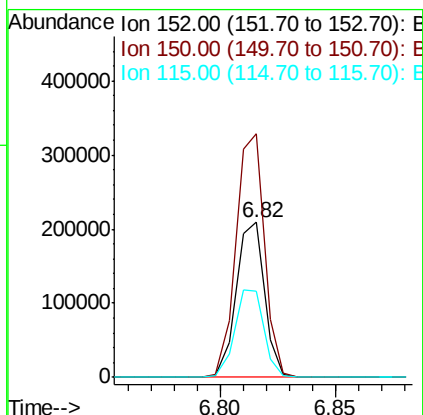
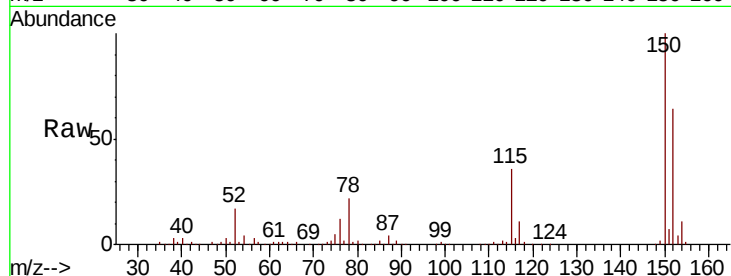


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121045.D
Acq: 27 Jul 2020 21:51

Instrument :
BNA_F
ClientSampleId :
CRT-008

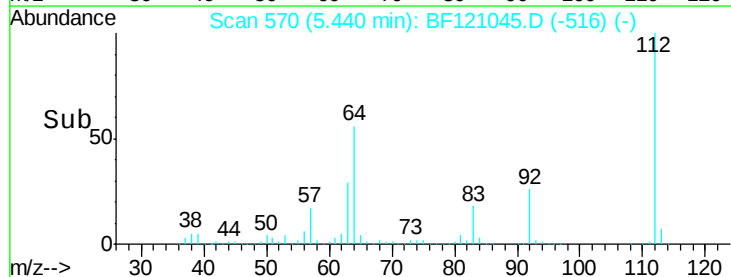
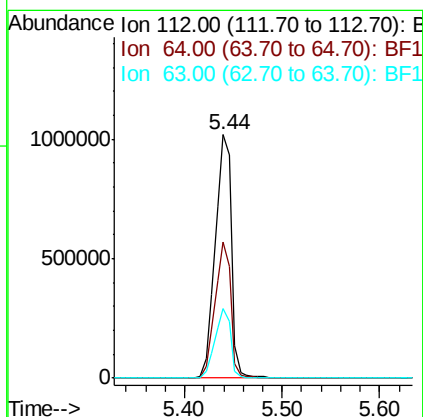
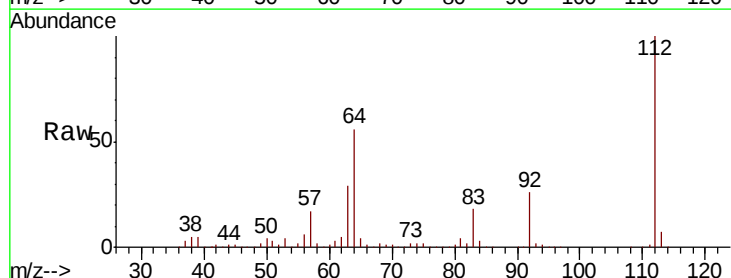
Tot Ion:152 Resp: 179916
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 55.9 47.0 70.4



#5

2-Fluorophenol
Concen: 106.941 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121045.D
Acq: 27 Jul 2020 21:51

Tgt Ion:112 Resp: 1173654
Ion Ratio Lower Upper
112 100
64 55.6 41.3 61.9
63 28.6 21.1 31.7





#7

Phenol-d6

Concen: 88.603 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121045.D

Acq: 27 Jul 2020 21:51

Instrument :

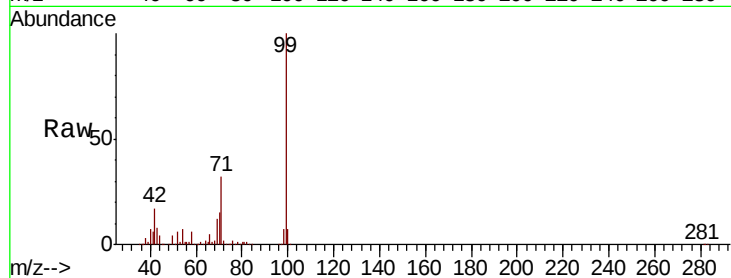
BNA_F

ClientSampled :

CRT-008

Tot Ion: 99 Resp: 1256097

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.1	19.7
71	31.6	24.2	36.4

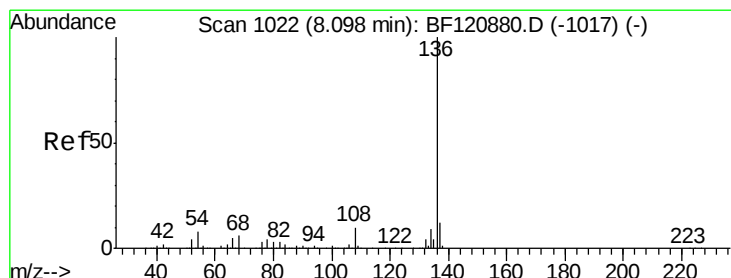
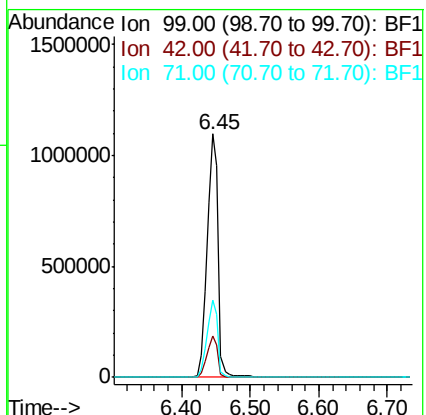
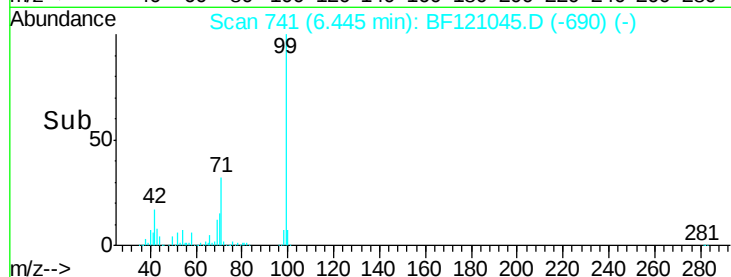


Abundance

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

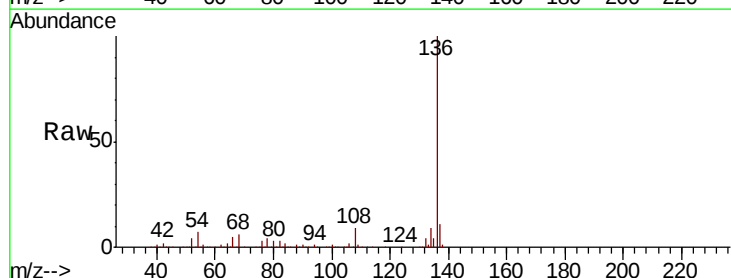
Delta R.T. -0.01 min

Lab File: BF121045.D

Acq: 27 Jul 2020 21:51

Tgt Ion: 136 Resp: 699110

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.5	6.3	9.5
68	6.1	5.0	7.4



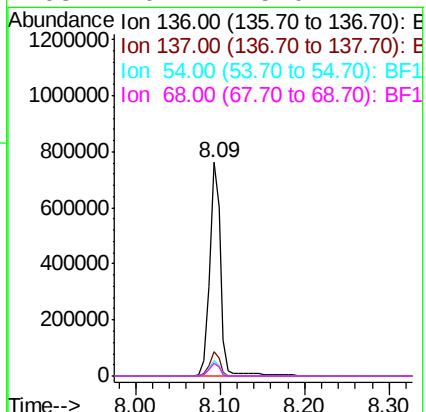
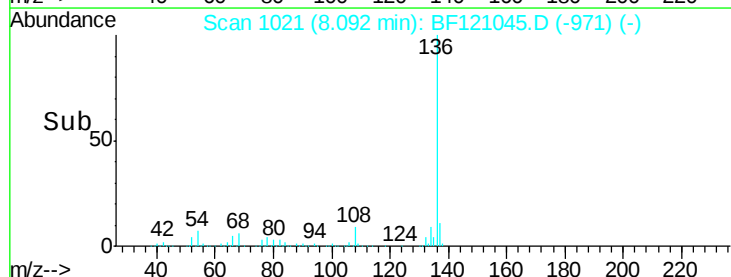
Abundance

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

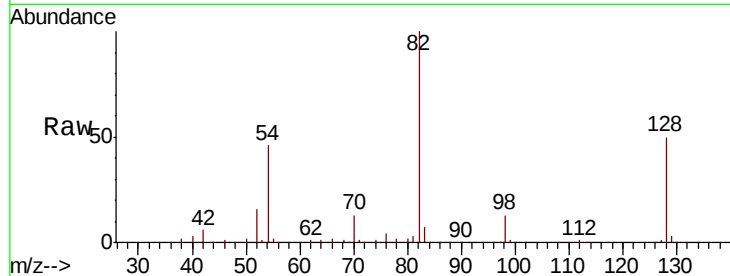




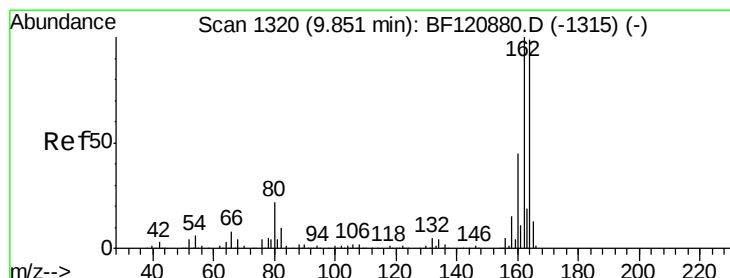
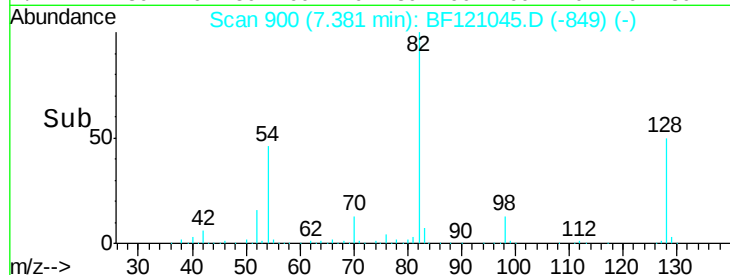
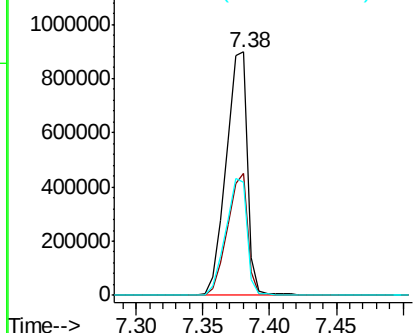
#23
 Nitrobenzene-d5
 Concen: 84.783 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121045.D
 Acq: 27 Jul 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 CRT-008

Tot Ion: 82 Resp: 1024355
 Ion Ratio Lower Upper
 82 100
 128 50.2 38.2 57.4
 54 46.4 38.7 58.1

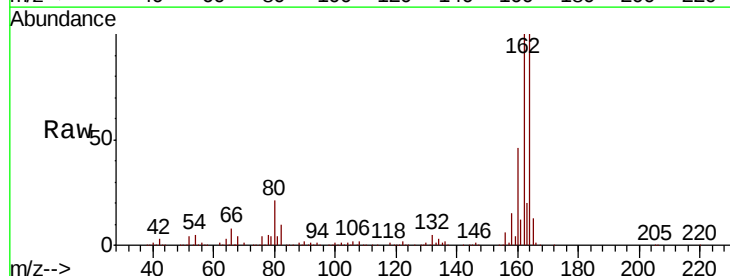


Abundance Ion 82.00 (81.70 to 82.70): BF1
 1200000 Ion 128.00 (127.70 to 128.70): BF1
 1000000 Ion 54.00 (53.70 to 54.70): BF1

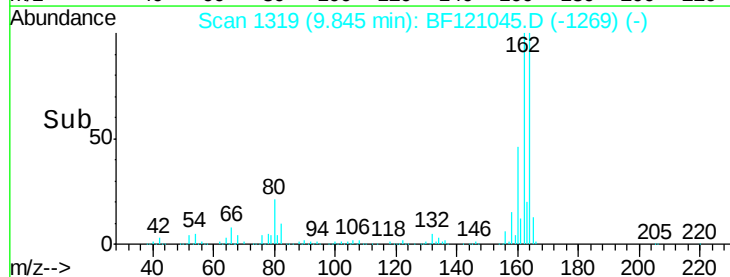
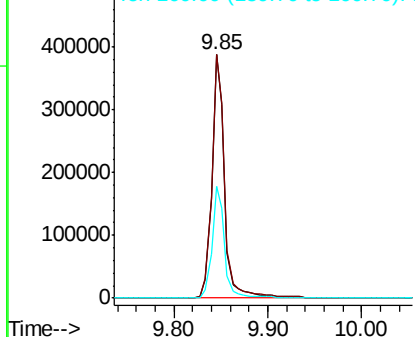


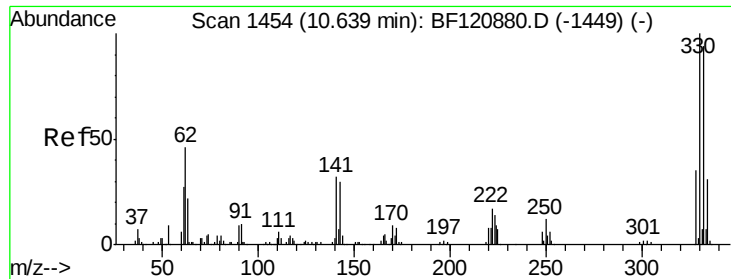
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121045.D
 Acq: 27 Jul 2020 21:51

Tgt Ion: 164 Resp: 372331
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.2 121.8
 160 45.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
 500000 Ion 162.00 (161.70 to 162.70): BF1
 400000 Ion 160.00 (159.70 to 160.70): BF1

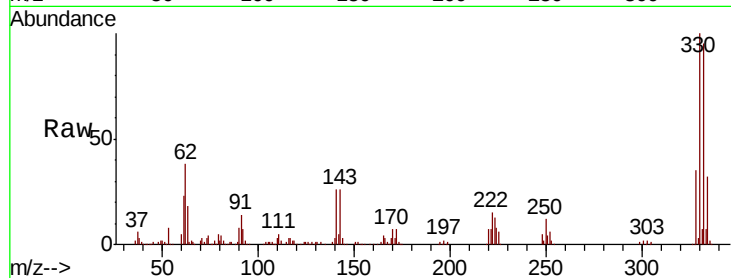




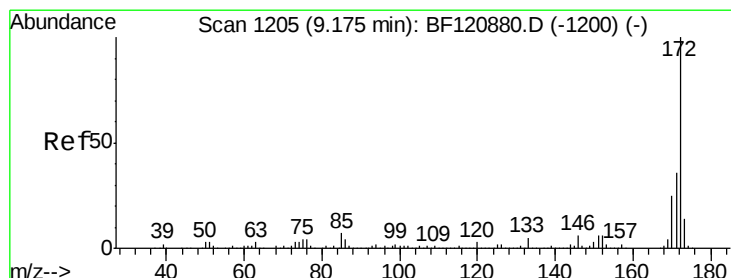
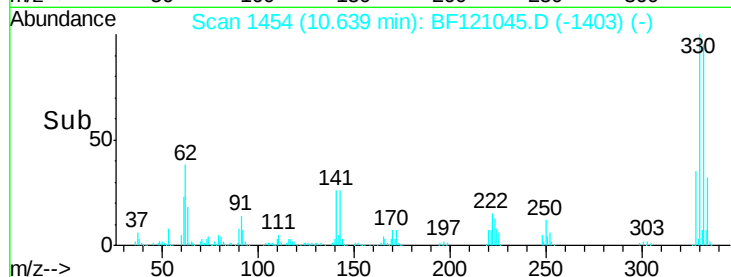
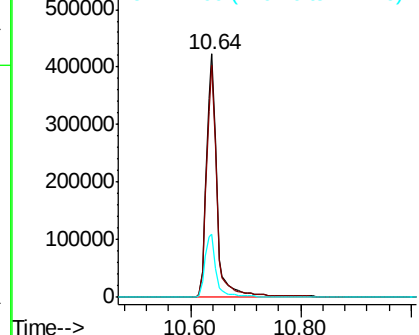
#42
 2,4,6-Tribromophenol
 Concen: 136.305 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121045.D
 Acq: 27 Jul 2020 21:51

Instrument :
 BNA_F
 ClientSampled :
 CRT-008

Tot Ion:330 Resp: 55517
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.5 113.3
 141 29.1 25.7 38.5

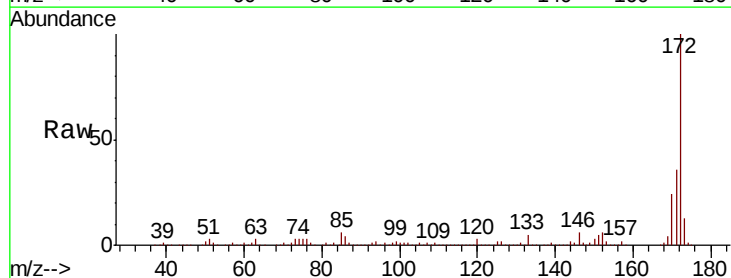


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

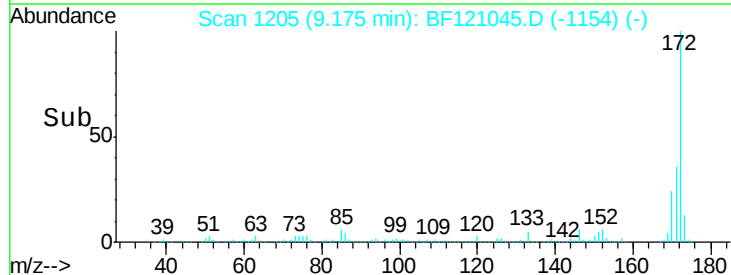
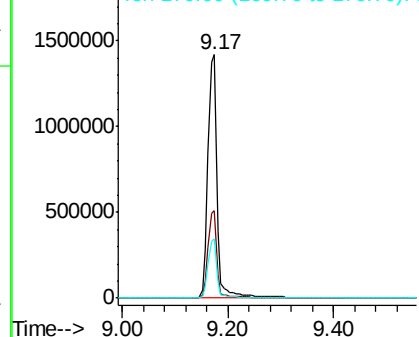


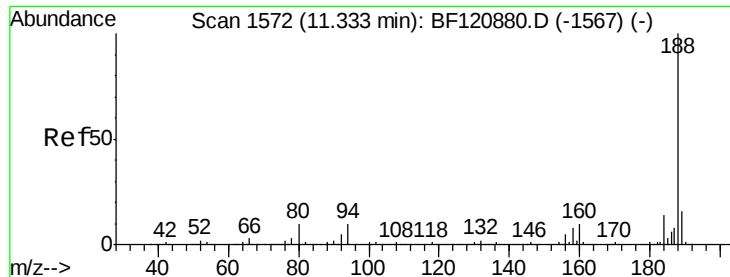
#45
 2-Fluorobiphenyl
 Concen: 69.599 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121045.D
 Acq: 27 Jul 2020 21:51

Tgt Ion:172 Resp: 1735653
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.4 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

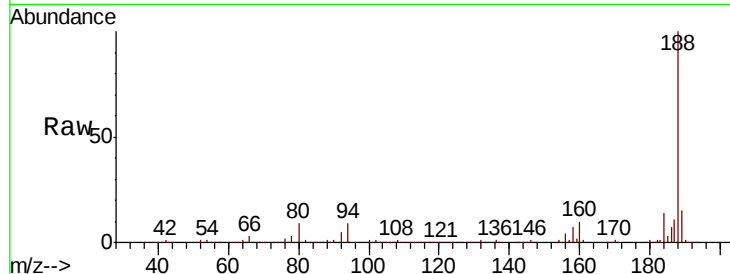




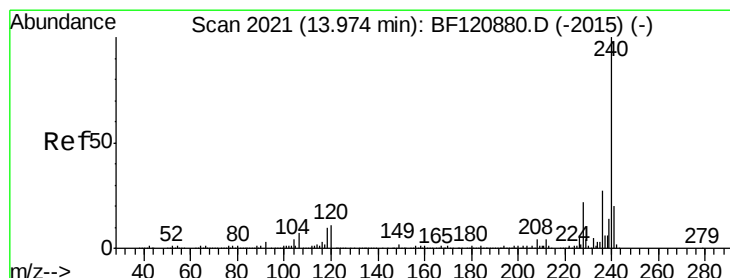
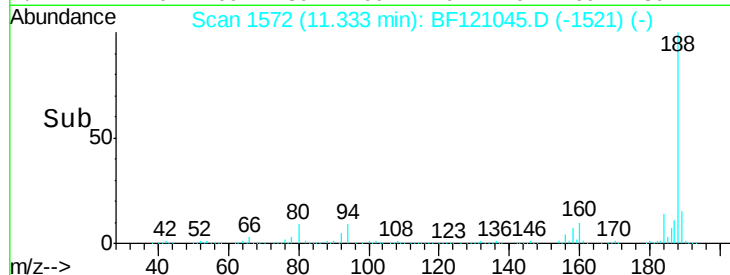
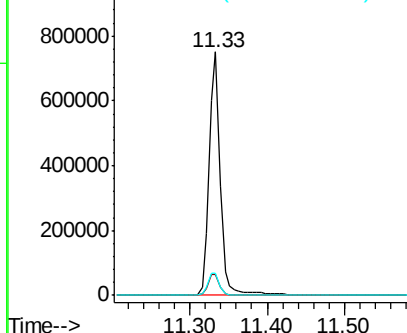
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF121045.D
 Acq: 27 Jul 2020 21:51

Instrument :
 BNA_F
 ClientSampleId :
 CRT-008

Tot Ion:188 Resp: 751571
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.0 12.0
 80 9.2 8.3 12.5

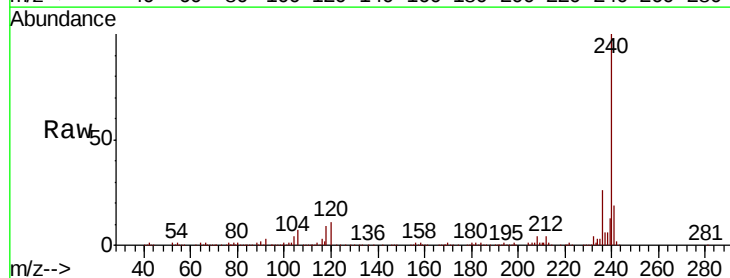


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

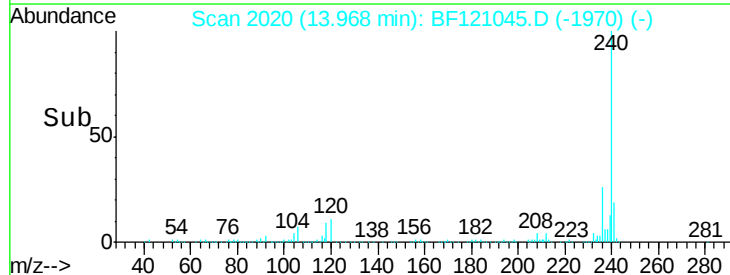
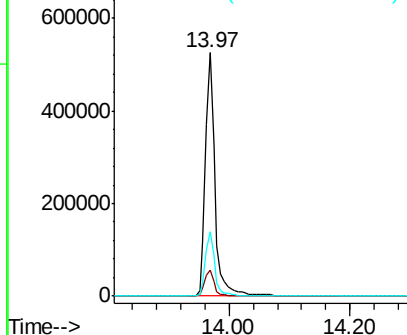


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121045.D
 Acq: 27 Jul 2020 21:51

Tgt Ion:240 Resp: 583595
 Ion Ratio Lower Upper
 240 100
 120 10.9 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: 75.927 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121045.D

Acq: 27 Jul 2020 21:51

Instrument :

BNA_F

ClientSampleId :

CRT-008

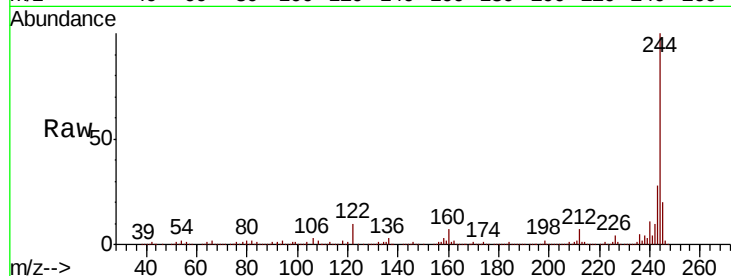
Tot Ion:244 Resp: 2038416

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

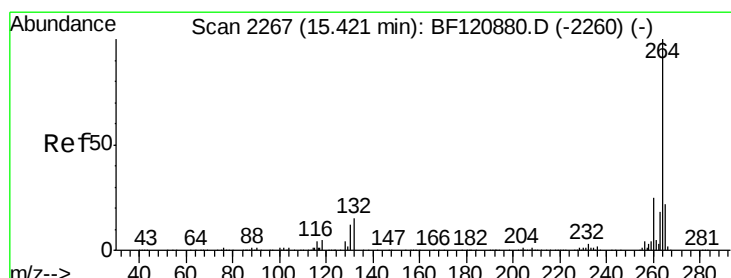
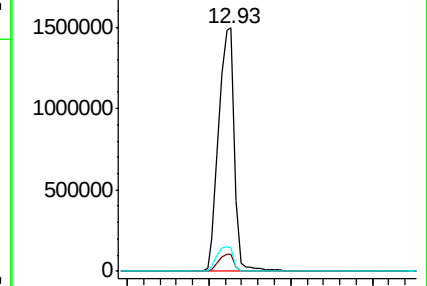
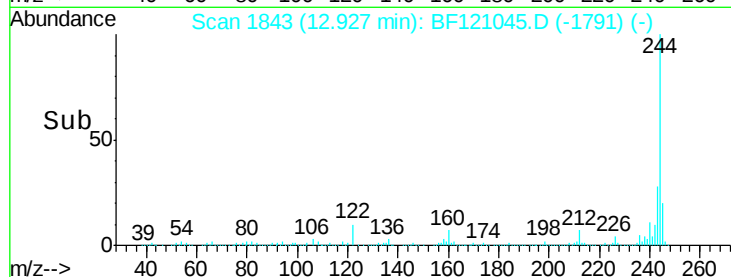
122 9.6 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121045.D

Acq: 27 Jul 2020 21:51

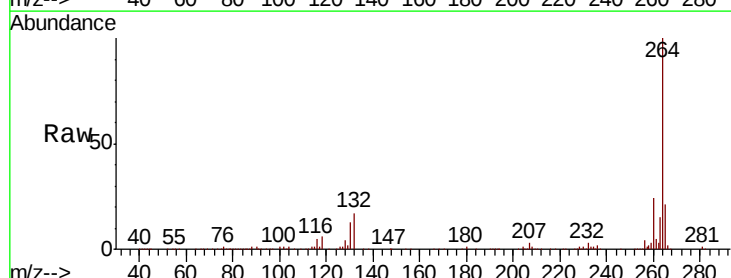
Tgt Ion:264 Resp: 451567

Ion Ratio Lower Upper

264 100

260 24.3 20.0 30.0

265 21.5 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

