

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120074.D
 Acq On : 20 Apr 2020 13:35
 Operator : MA/SJ
 Sample : PB128301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

Quant Time: Apr 20 14:29:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	129431	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	502523	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	272363	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	557310	20.00	ng	0.00
76) Chrysene-d12	13.89	240	453680	20.00	ng	-0.01
87) Perylene-d12	15.31	264	436764	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1169932	156.21	ng	0.00
7) Phenol-d6	6.35	99	1496004	155.02	ng	-0.01
23) Nitrobenzene-d5	7.28	82	929727	95.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	442621	132.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1874323	97.71	ng	0.00
79) Terphenyl-d14	12.84	244	2231410	82.76	ng	0.00

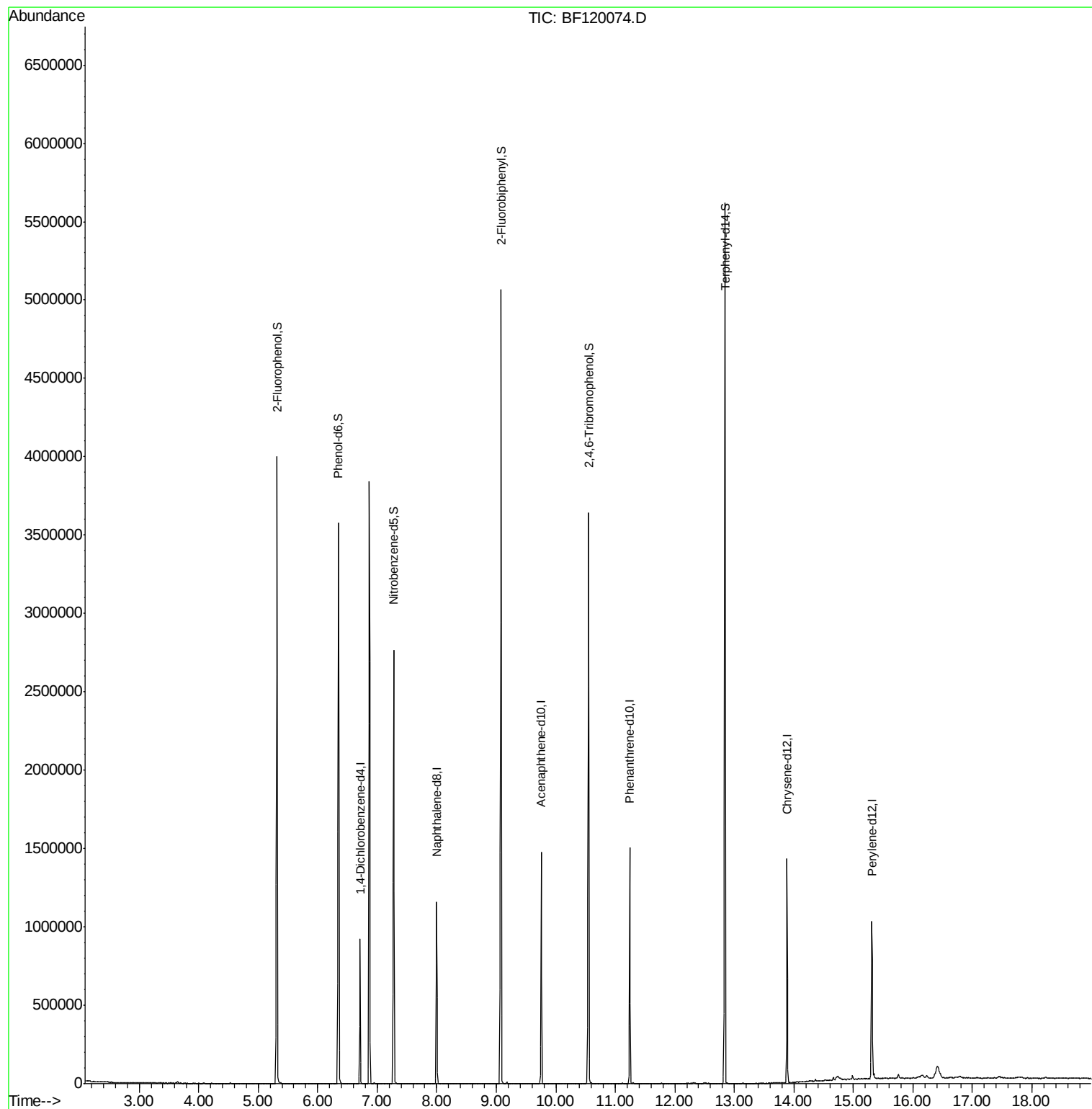
Target Compounds Qvalue

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

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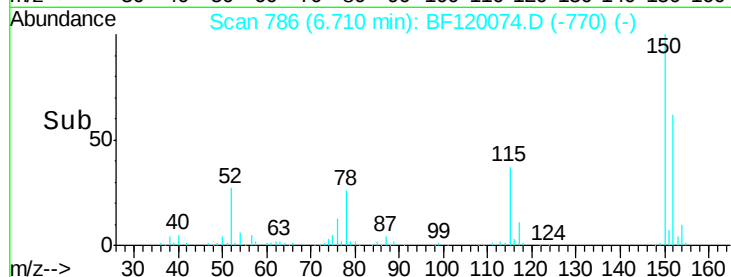
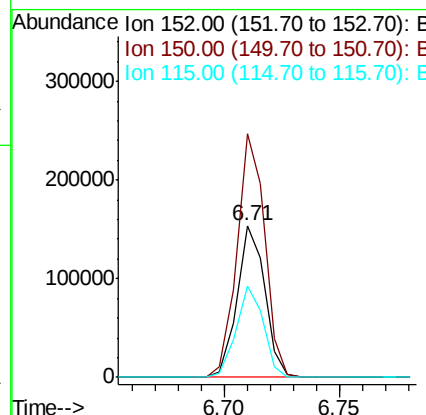
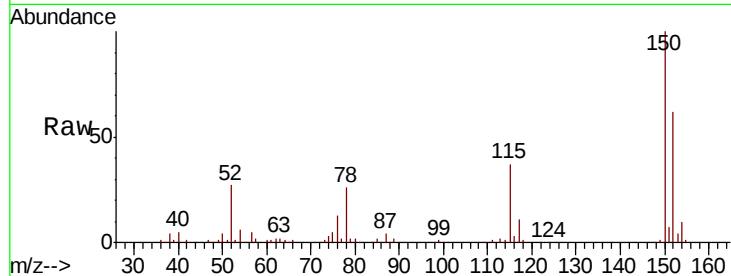


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Instrument :
BNA_F
ClientSampleId :
PB128301BL

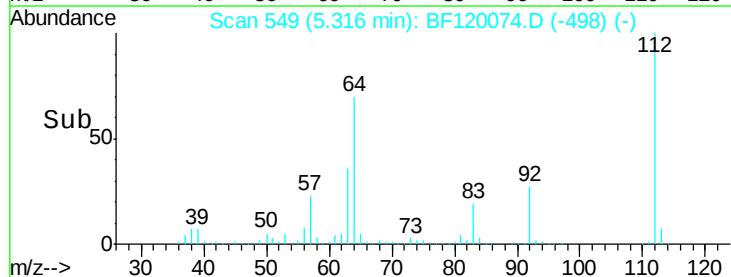
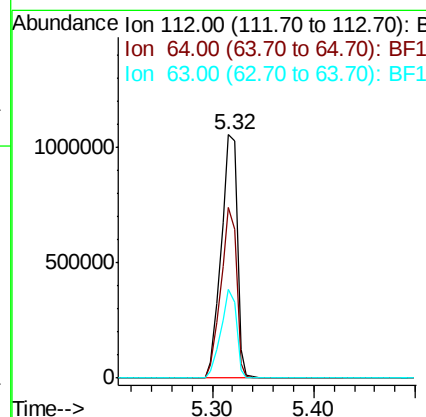
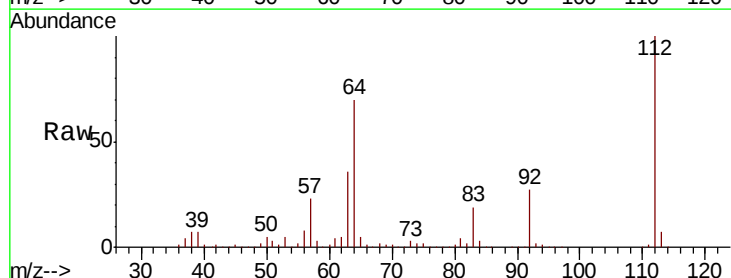
Tot Ion:152 Resp: 129431
Ion Ratio Lower Upper
152 100
150 160.7 124.8 187.2
115 60.2 46.5 69.7



#5

2-Fluorophenol
Concen: 156.211 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF120074.D
Acq: 20 Apr 2020 13:35

Tgt Ion:112 Resp: 1169932
Ion Ratio Lower Upper
112 100
64 70.0 55.5 83.3
63 36.2 29.1 43.7





#7

Phenol-d6

Concen: 155.018 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120074.D

Acq: 20 Apr 2020 13:35

Instrument :

BNA_F

ClientSampleId :

PB128301BL

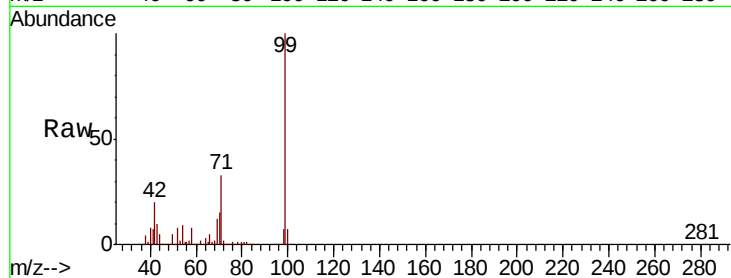
Tot Ion: 99 Resp: 1496004

Ion Ratio Lower Upper

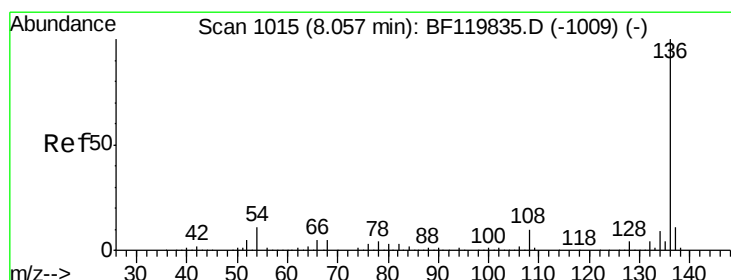
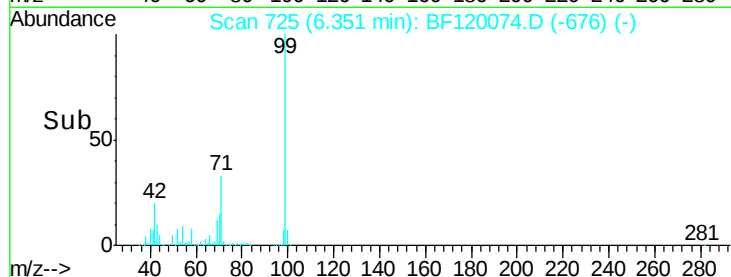
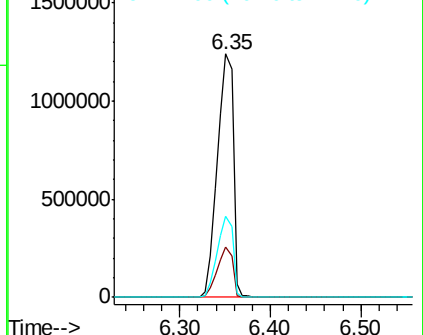
99 100

42 20.4 16.9 25.3

71 33.3 26.3 39.5



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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120074.D

Acq: 20 Apr 2020 13:35

Tgt Ion: 136 Resp: 502523

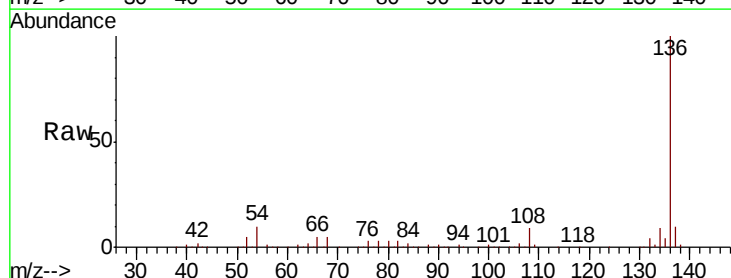
Ion Ratio Lower Upper

136 100

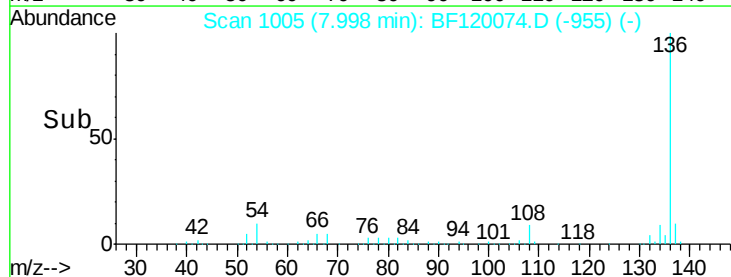
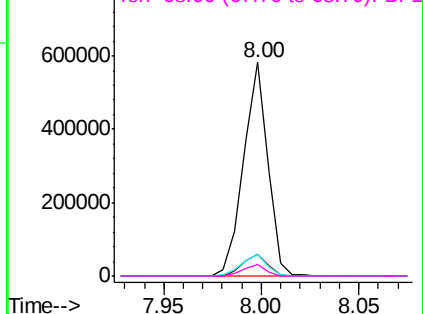
137 10.4 8.7 13.1

54 10.2 8.5 12.7

68 5.2 3.9 5.9



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

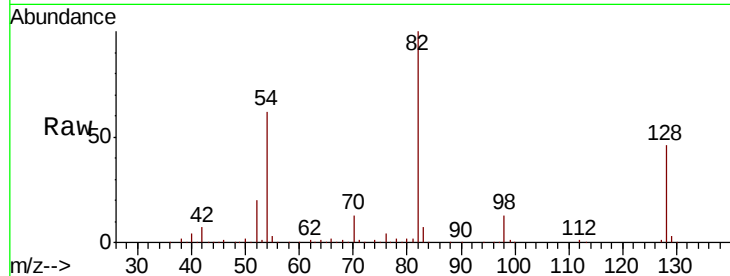




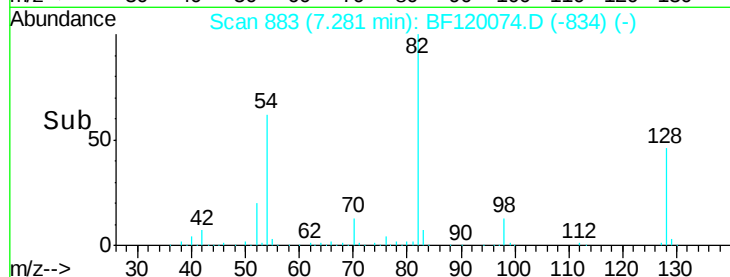
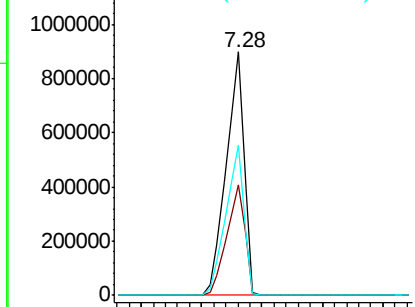
#23
 Nitrobenzene-d5
 Concen: 95.713 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

Tot Ion: 82 Resp: 929727
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.2 54.4
 54 61.9 50.4 75.6

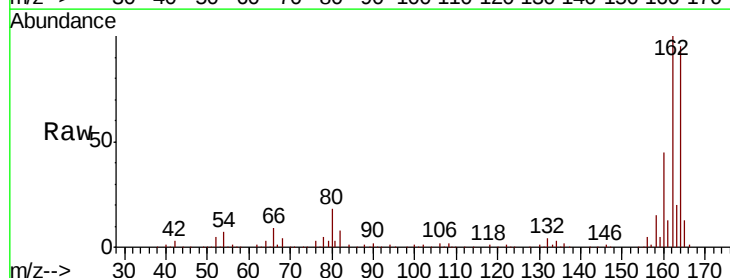


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

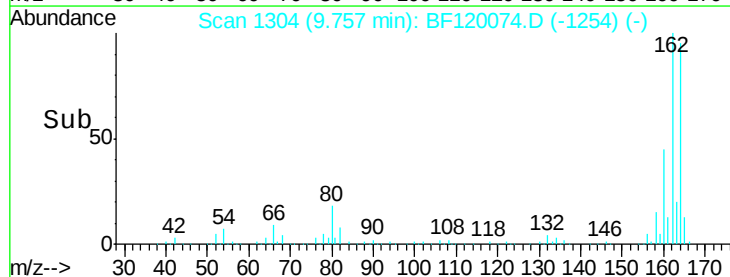
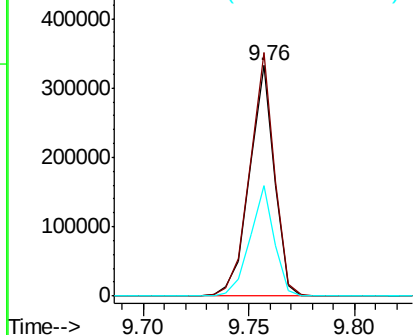


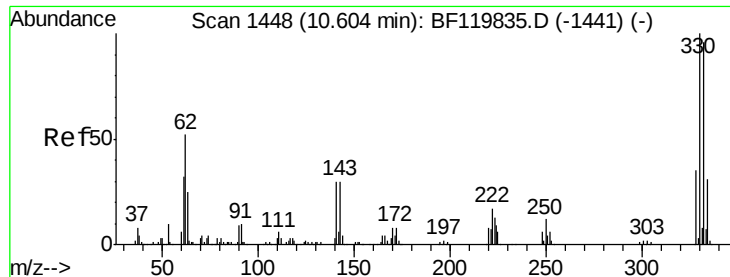
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion: 164 Resp: 272363
 Ion Ratio Lower Upper
 164 100
 162 105.5 81.9 122.9
 160 47.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

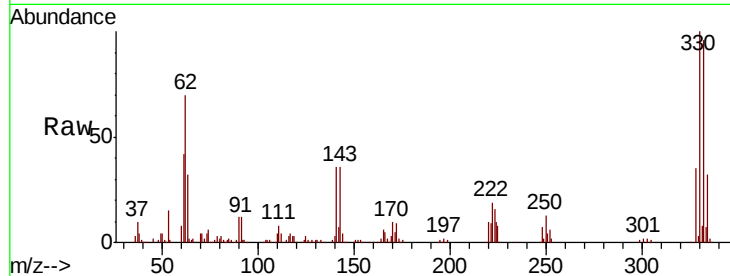




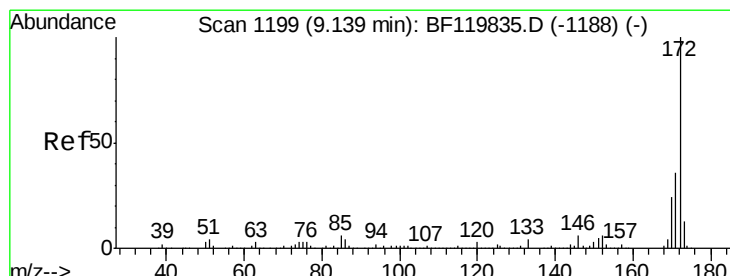
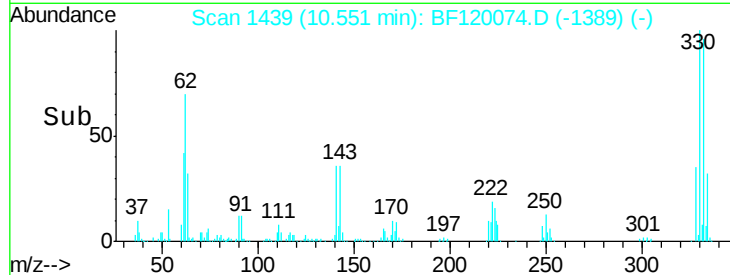
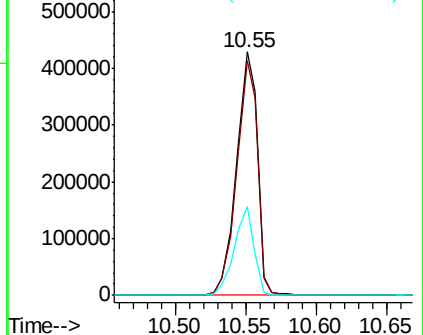
#42
 2,4,6-Tribromophenol
 Concen: 132.734 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128301BL

Tot Ion:330 Resp: 442621
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 34.2 25.1 37.7

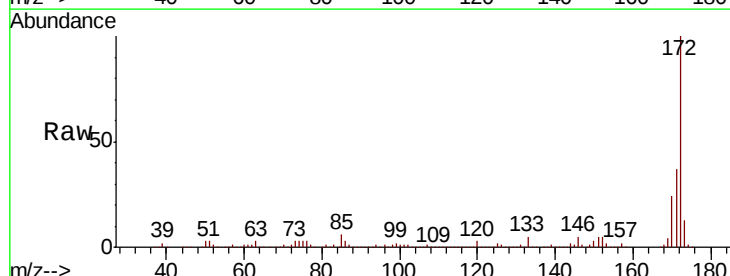


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

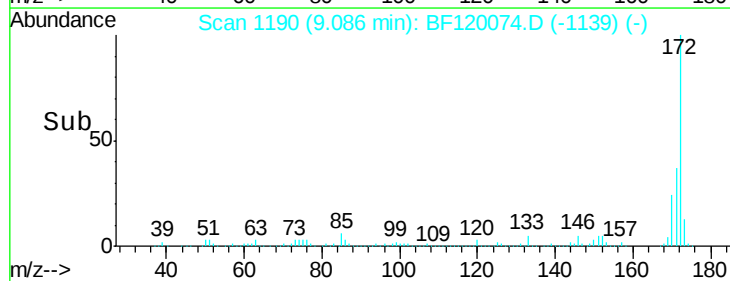
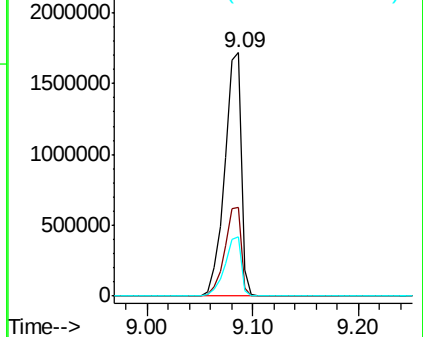


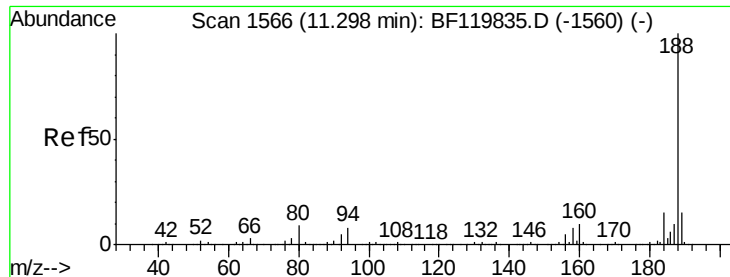
#45
 2-Fluorobiphenyl
 Concen: 97.705 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion:172 Resp: 1874323
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.1 19.4 29.2



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

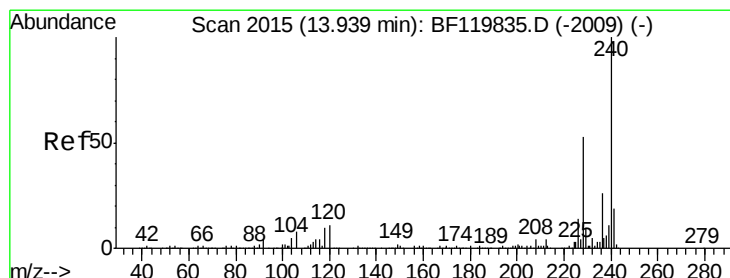
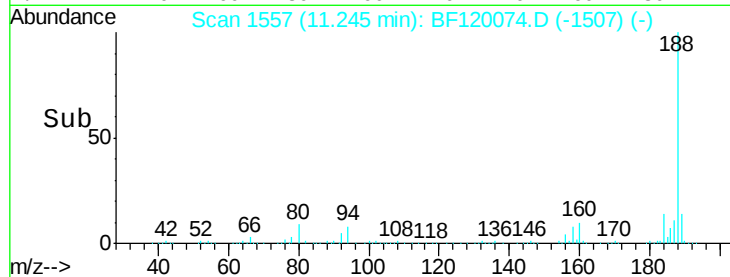
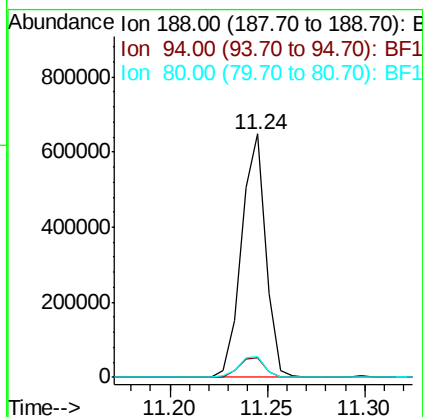
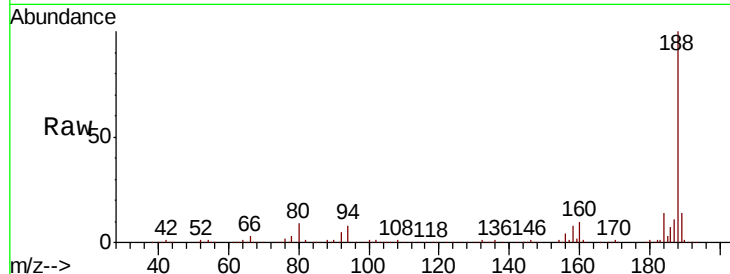




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

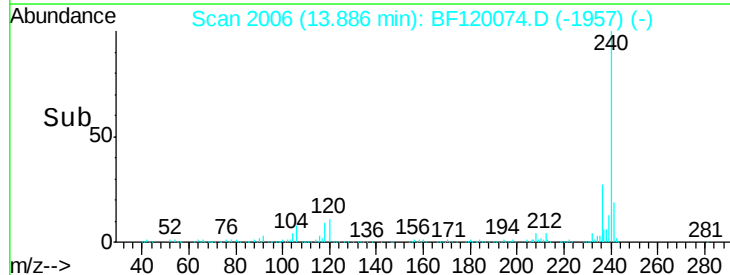
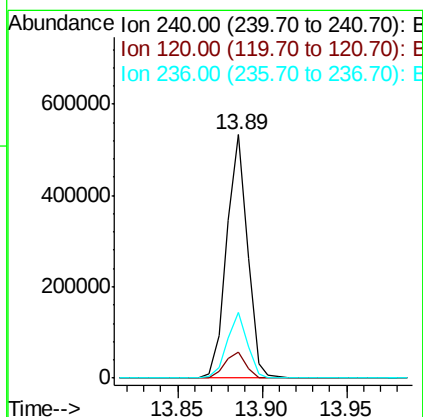
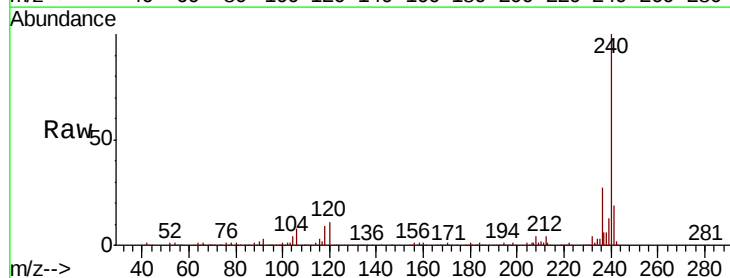
Instrument :
 BNA_F
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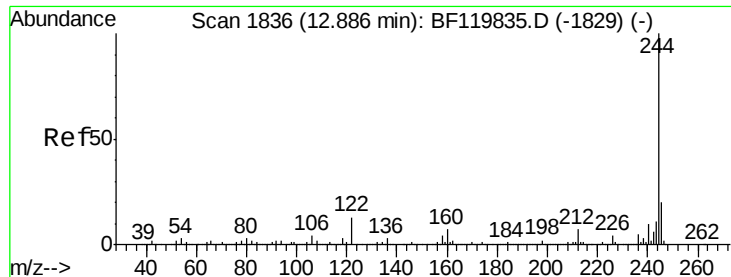
Tot Ion:188 Resp: 557310
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.7 10.1
 80 8.8 7.4 11.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion:240 Resp: 453680
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 26.9 20.7 31.1

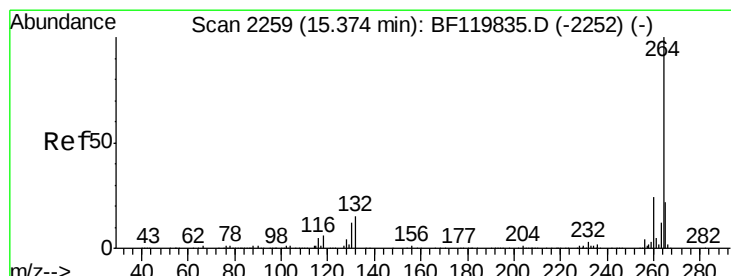
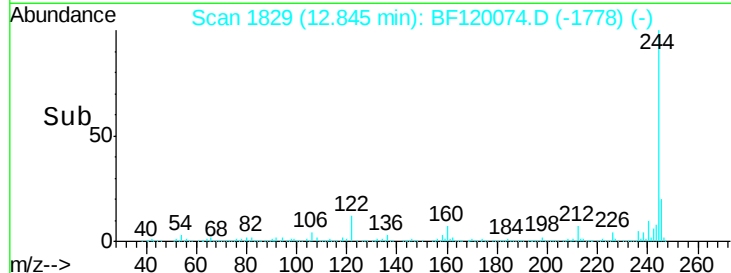
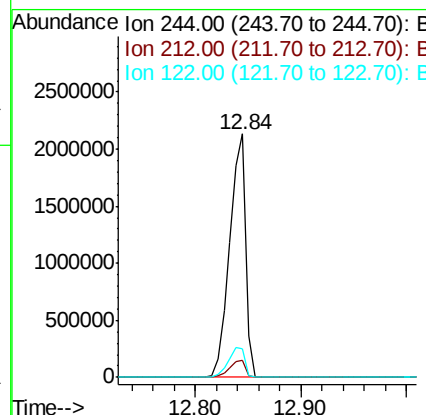
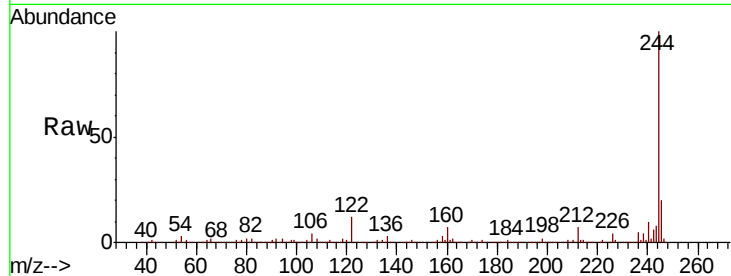




#79
 Terphenyl-d14
 Concen: 82.761 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Instrument :
 BNA_F
 ClientSampleID :
 PB128301BL

Tot Ion:244 Resp: 2231410
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF120074.D
 Acq: 20 Apr 2020 13:35

Tgt Ion:264 Resp: 436764
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 21.3 17.6 26.4

