

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118272.D
 Acq On : 18 Dec 2019 21:26
 Operator : JU
 Sample : K6357-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-04

Quant Time: Dec 19 04:01:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

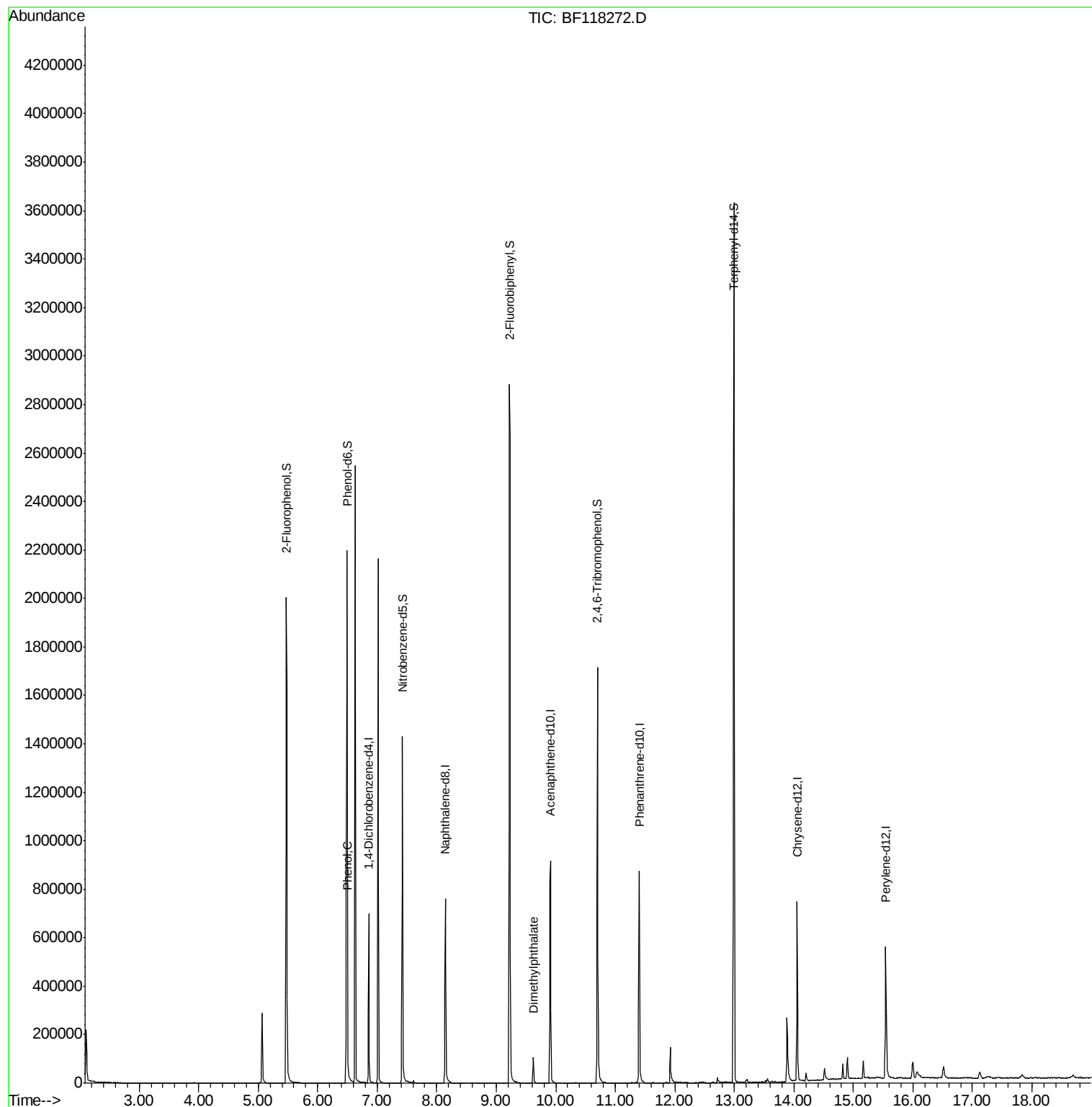
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	98975	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	382487	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	204467	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	393464	20.00	ng	0.00
76) Chrysene-d12	14.06	240	271810	20.00	ng	-0.01
87) Perylene-d12	15.54	264	260711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	596448	105.55	ng	0.00
7) Phenol-d6	6.49	99	746327	109.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	443856	65.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	254641	102.52	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	966259	71.91	ng	-0.02
79) Terphenyl-d14	12.99	244	1176314	74.42	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	17821	2.286	ng	93
50) Dimethylphthalate	9.62	163	55838	3.697	ng	98

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

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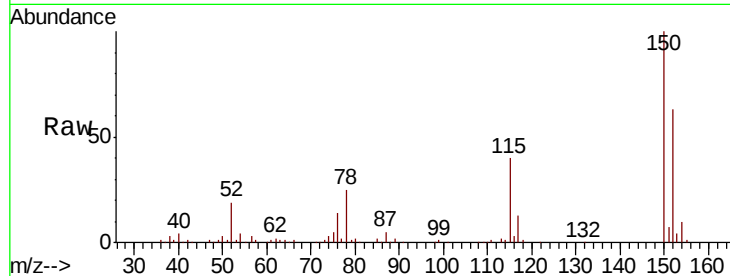


#1

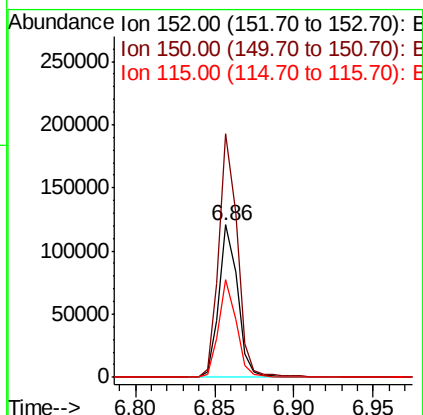
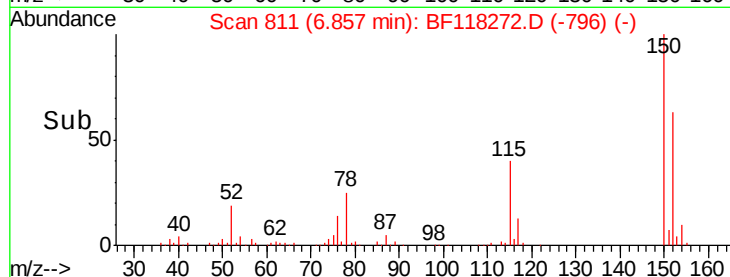
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :
PF-04

Tot Ion:152 Resp: 98975
Ion Ratio Lower Upper
152 100
150 159.8 128.3 192.5
115 63.9 51.1 76.7



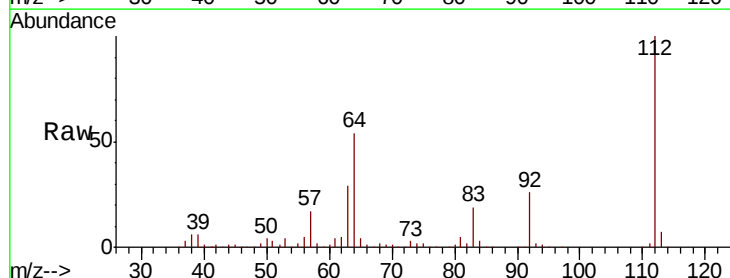
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



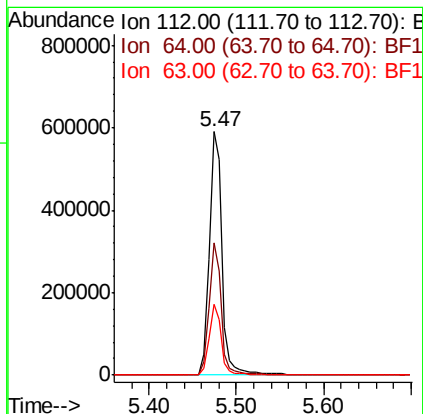
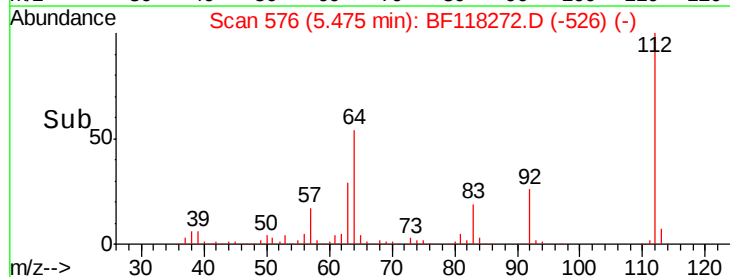
#5

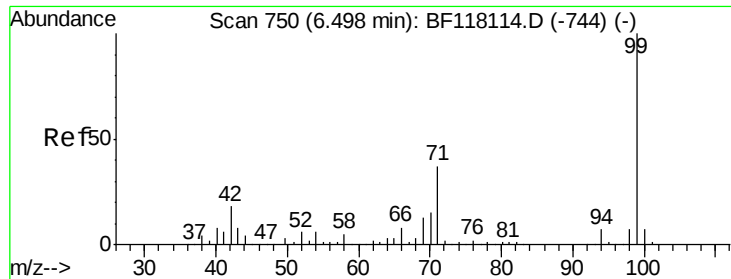
2-Fluorophenol
Concen: 105.548 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:112 Resp: 596448
Ion Ratio Lower Upper
112 100
64 54.3 41.3 61.9
63 29.2 22.4 33.6



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: 109.191 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PF-04

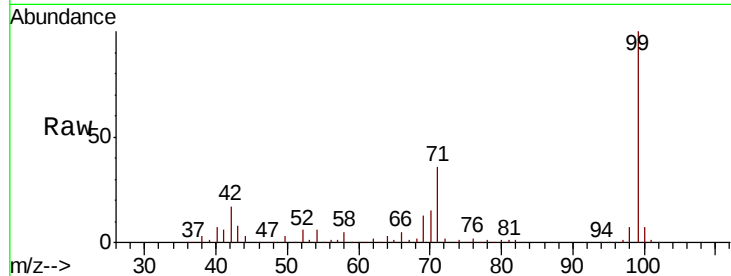
Tot Ion: 99 Resp: 746327

Ion Ratio Lower Upper

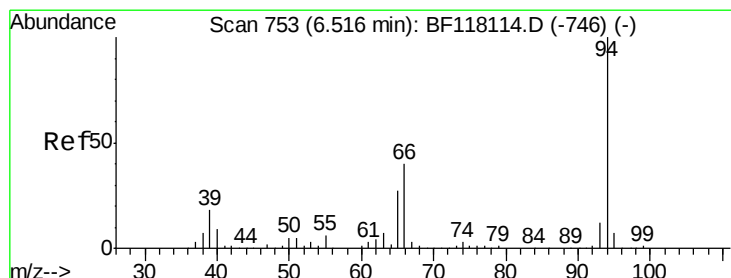
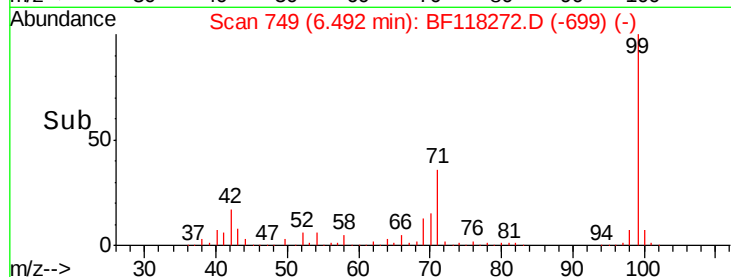
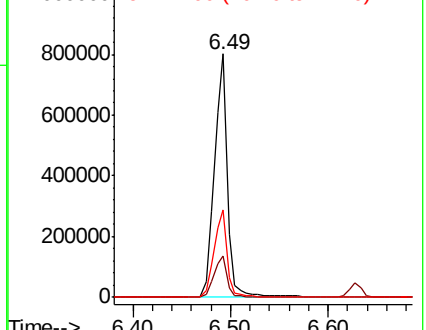
99 100

42 17.2 14.1 21.1

71 35.9 29.7 44.5



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



#10

Phenol

Concen: 2.286 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

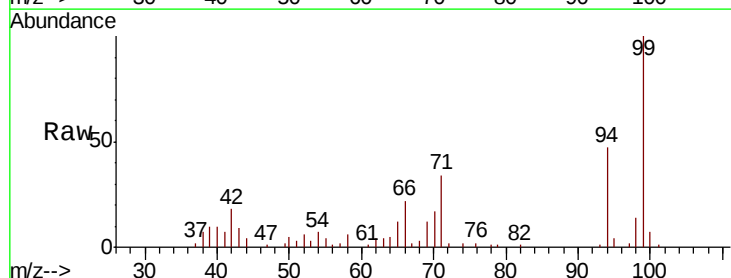
Tgt Ion: 94 Resp: 17821

Ion Ratio Lower Upper

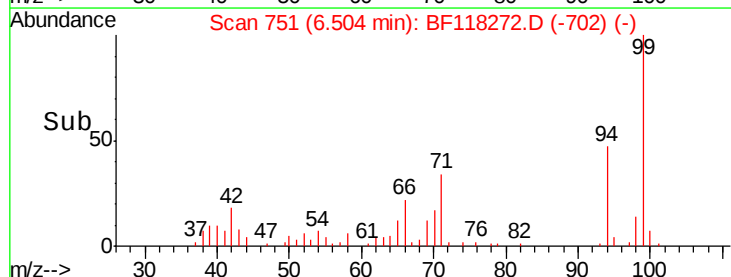
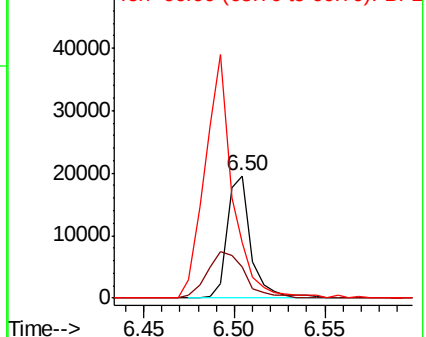
94 100

65 25.0 7.3 47.3

66 45.4 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PF-04

Tot Ion:136 Resp: 382487

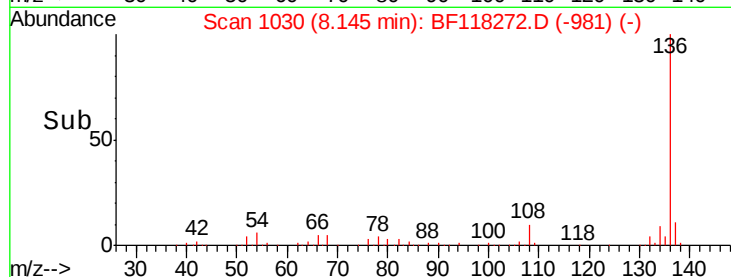
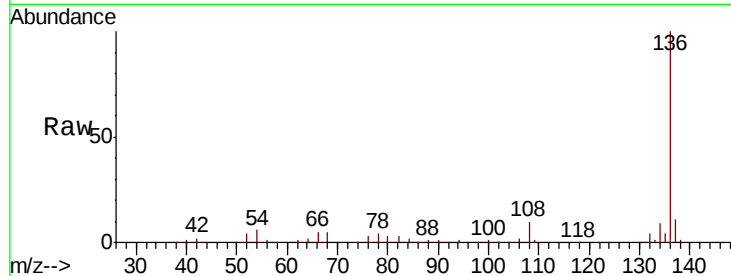
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 5.9 5.0 7.6

68 4.5 3.8 5.8

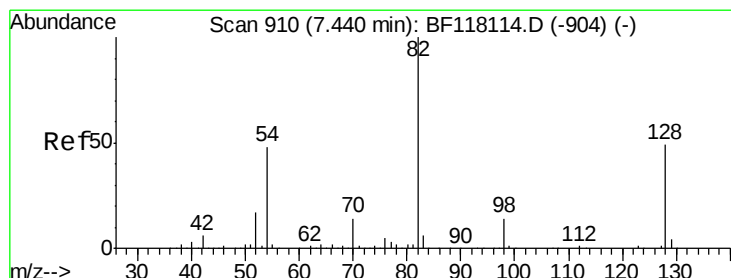
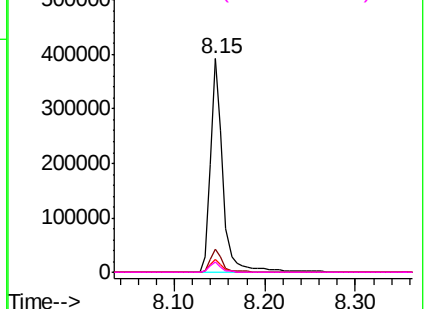


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.284 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

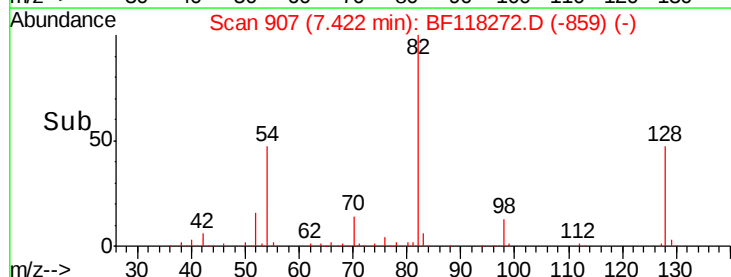
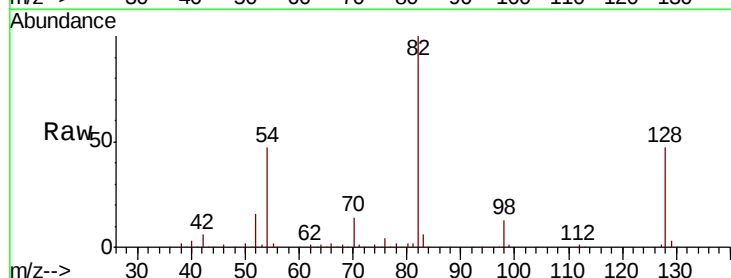
Tgt Ion: 82 Resp: 443856

Ion Ratio Lower Upper

82 100

128 46.9 39.1 58.7

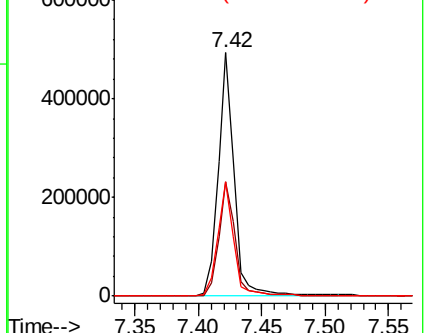
54 47.2 38.2 57.2

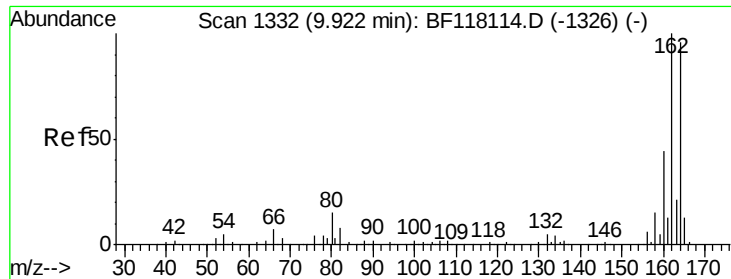


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PF-04

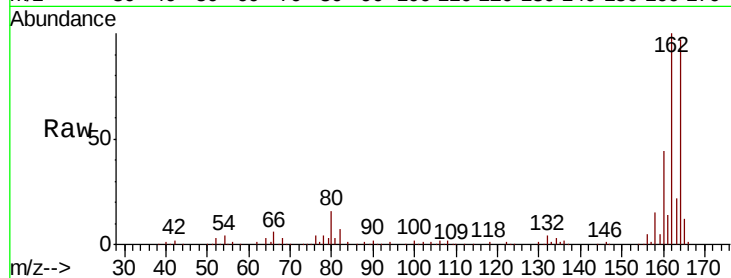
Tot Ion:164 Resp: 204467

Ion Ratio Lower Upper

164 100

162 103.6 83.4 125.0

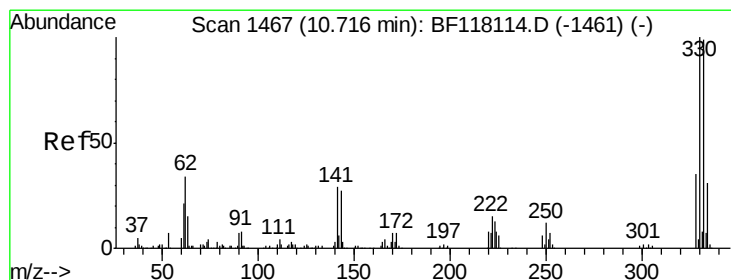
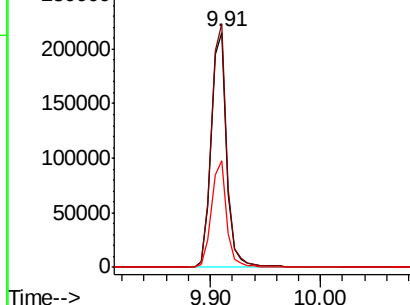
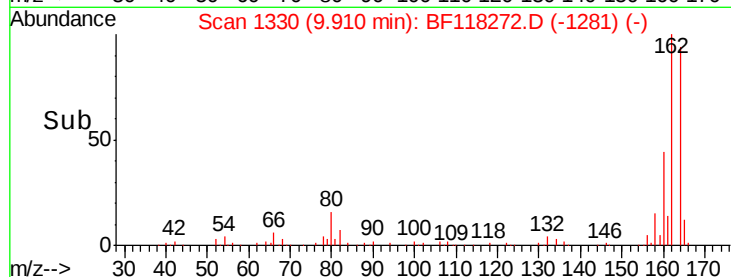
160 45.2 36.6 54.8



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: 102.517 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

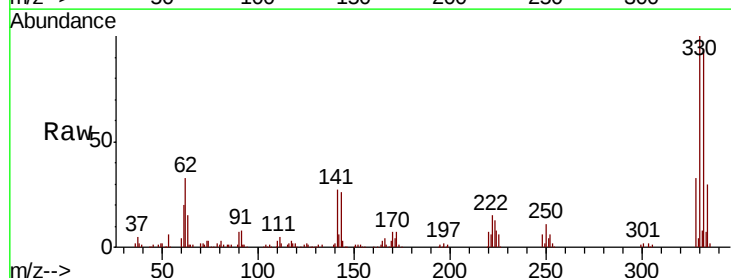
Tgt Ion:330 Resp: 254641

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

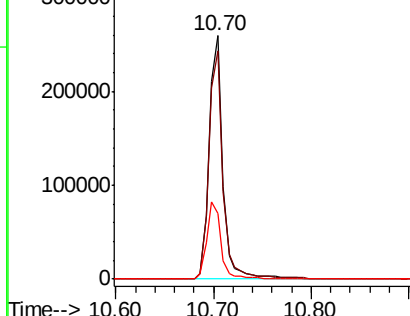
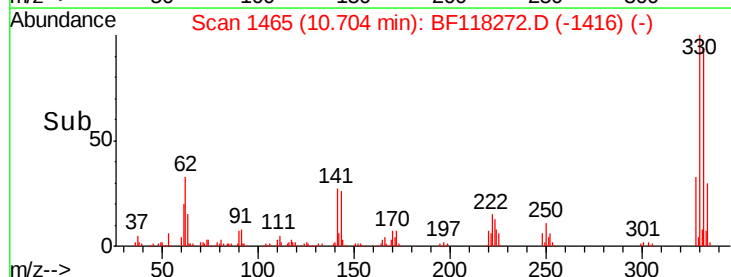
141 32.9 26.9 40.3

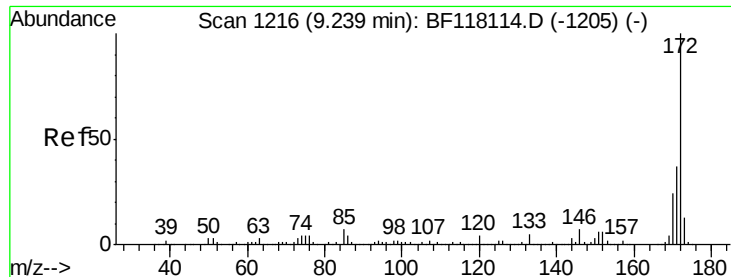


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

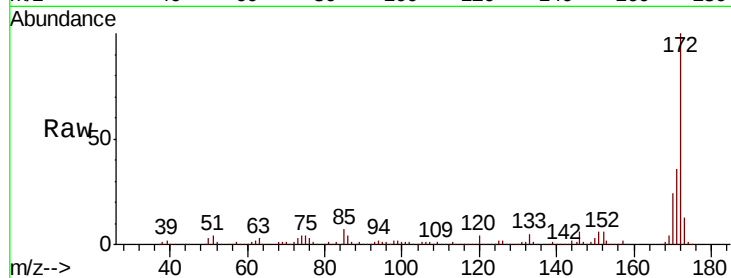




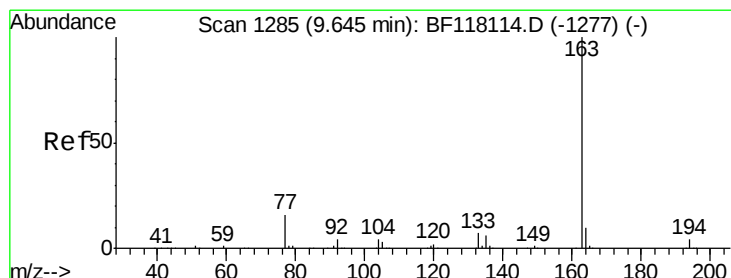
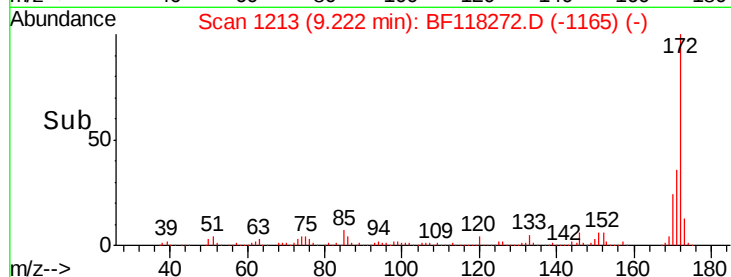
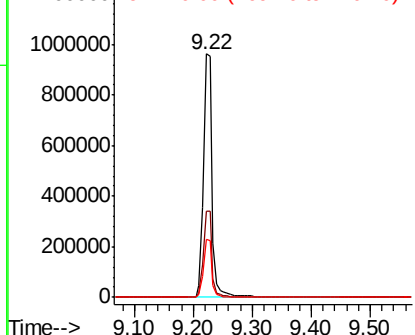
#45
2-Fluorobiphenyl
Concen: 71.909 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :
PF-04

Tot Ion:172 Resp: 966259
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.6 19.4 29.2

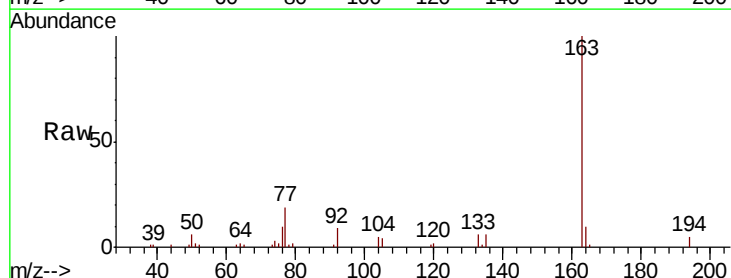


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

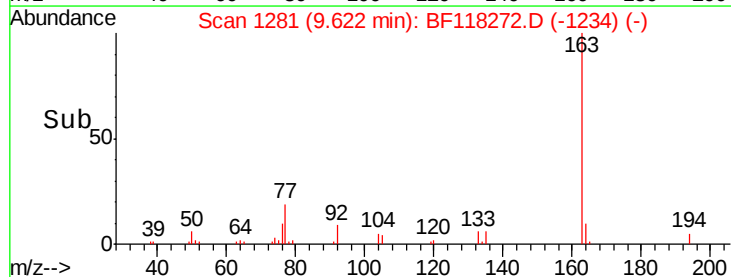
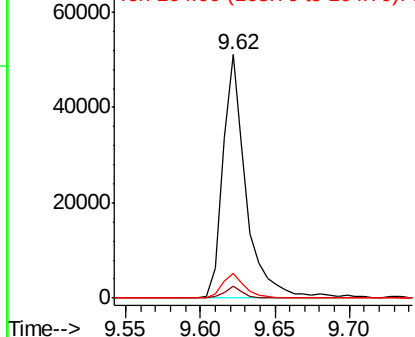


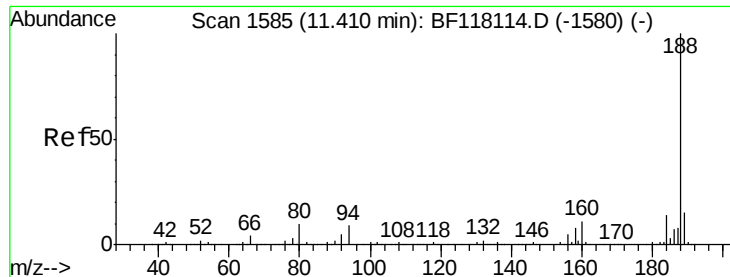
#50
Dimethylphthalate
Concen: 3.697 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:163 Resp: 55838
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7
164 10.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

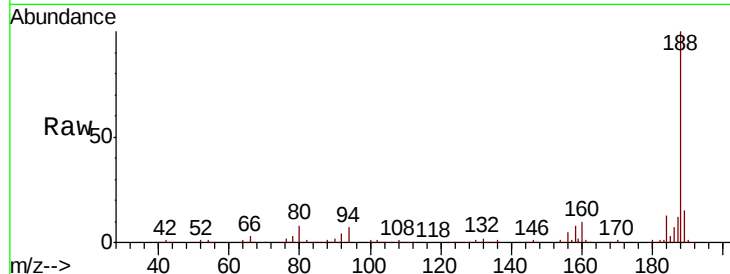




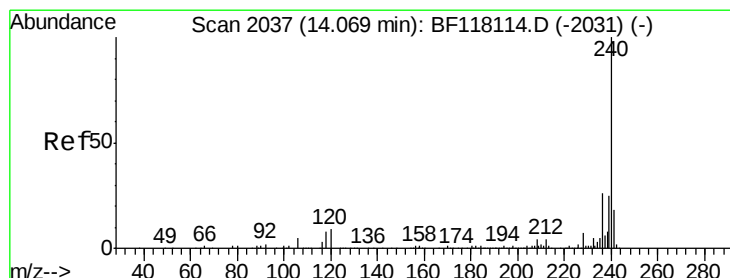
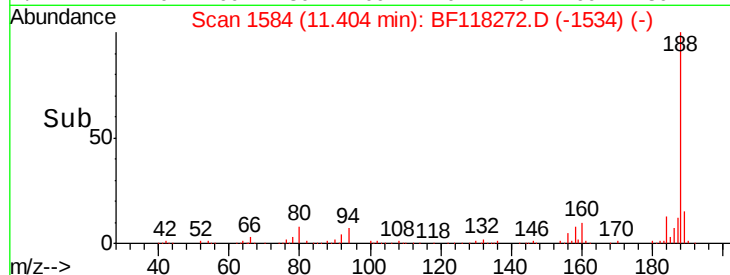
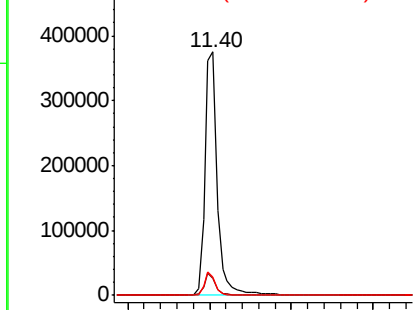
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Instrument :
BNA_F
ClientSampleId :
PF-04

Tot Ion:188 Resp: 393464
Ion Ratio Lower Upper
188 100
94 7.3 7.1 10.7
80 7.8 7.9 11.9#

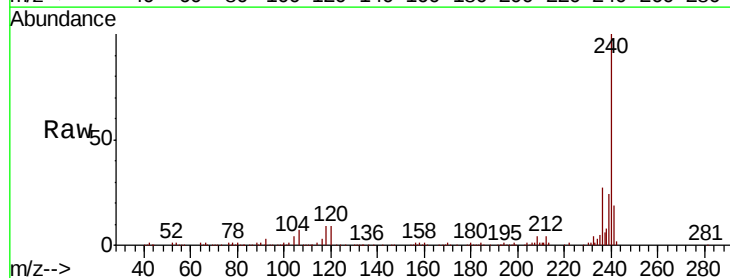


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

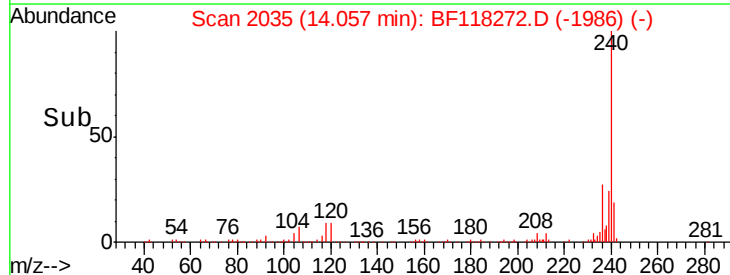
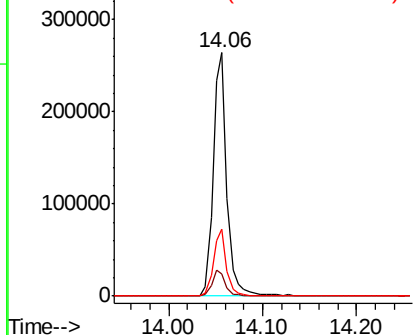


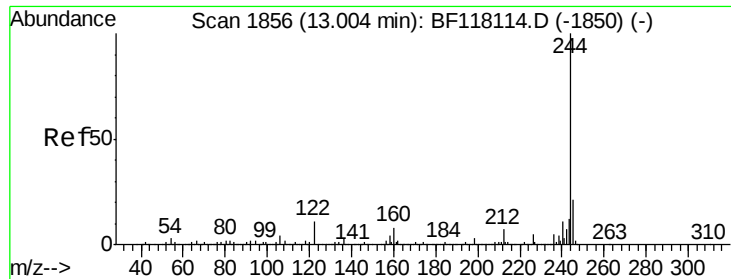
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118272.D
Acq: 18 Dec 2019 21:26

Tgt Ion:240 Resp: 271810
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 27.4 21.0 31.6



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: 74.420 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

Instrument :

BNA_F

ClientSampleId :

PF-04

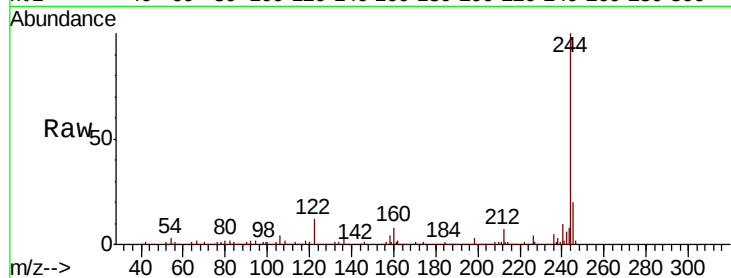
Tot Ion:244 Resp: 1176314

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

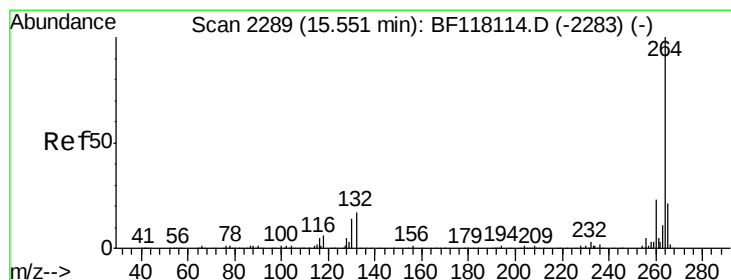
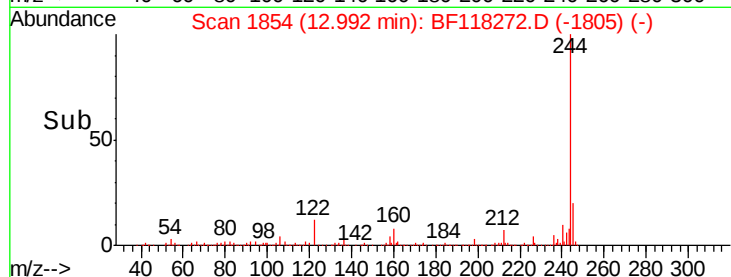
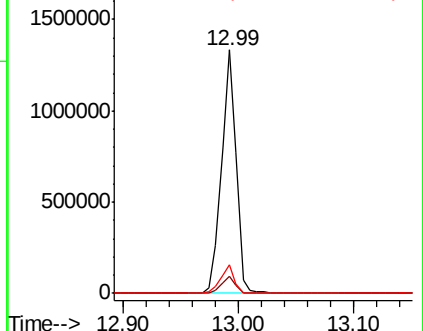
122 11.7 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118272.D

Acq: 18 Dec 2019 21:26

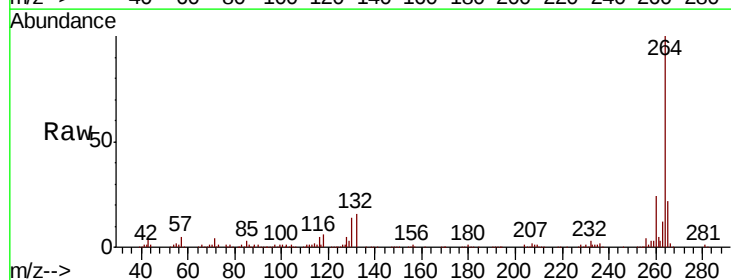
Tgt Ion:264 Resp: 260711

Ion Ratio Lower Upper

264 100

260 24.5 18.6 28.0

265 21.5 16.8 25.2



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

