

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118267.D
 Acq On : 18 Dec 2019 19:06
 Operator : JU
 Sample : K6357-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01

Quant Time: Dec 19 03:48:40 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

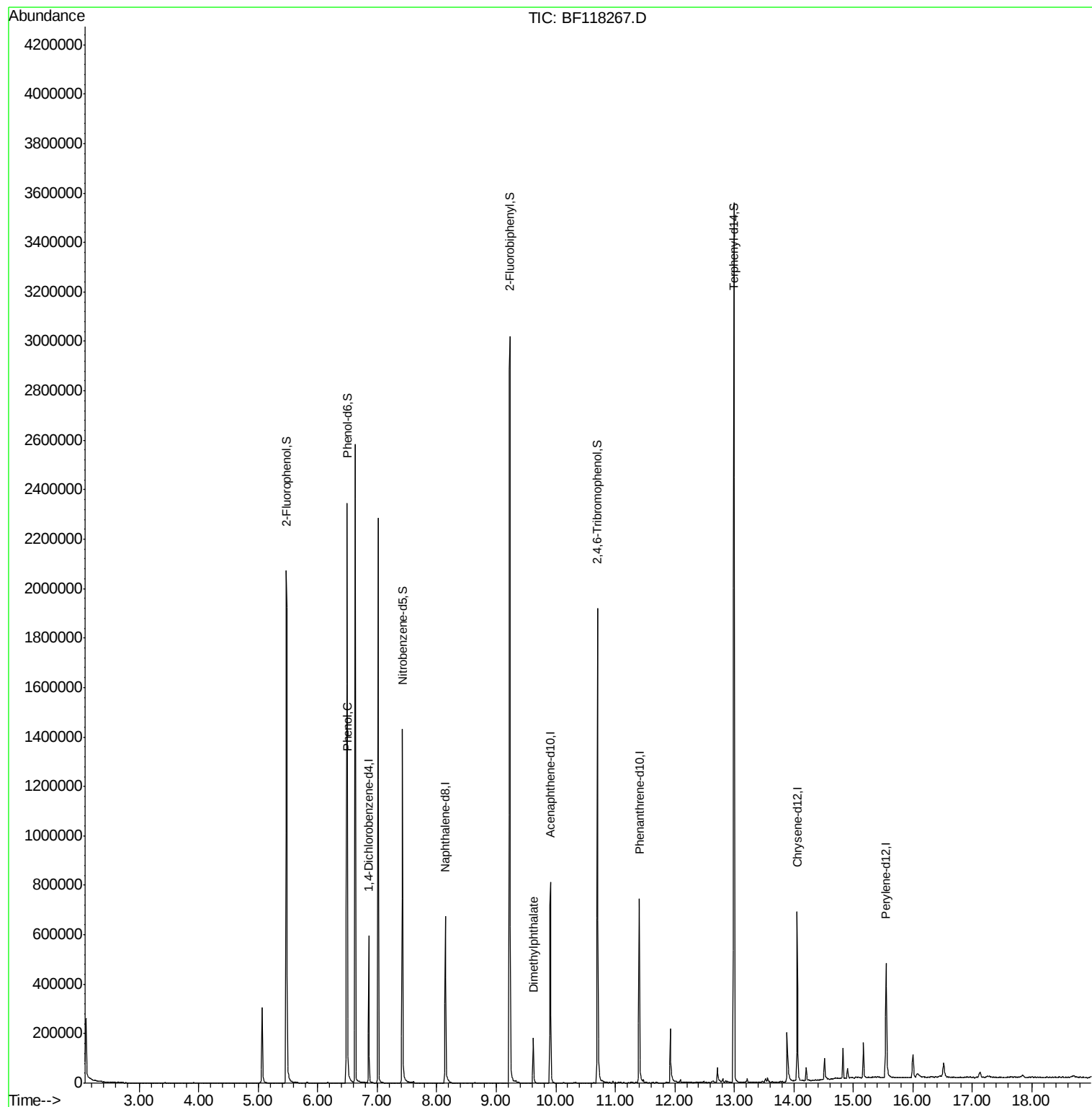
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85590	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	338944	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	179695	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	340038	20.00	ng	0.00
76) Chrysene-d12	14.06	240	230505	20.00	ng	-0.01
87) Perylene-d12	15.55	264	209945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	641687	131.31	ng	0.00
7) Phenol-d6	6.49	99	811416	137.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	480876	79.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	273169	125.14	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1009640	85.50	ng	-0.01
79) Terphenyl-d14	12.99	244	1207827	90.11	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	32045	4.754	ng	96
50) Dimethylphthalate	9.62	163	90936	6.851	ng	99

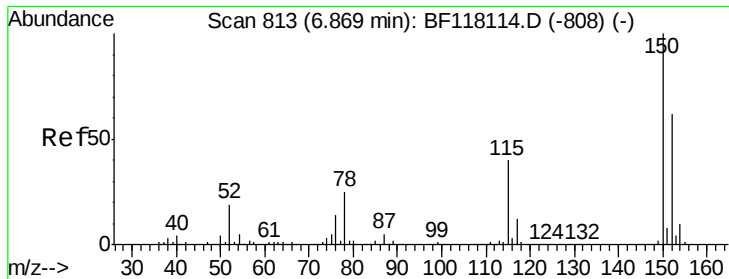
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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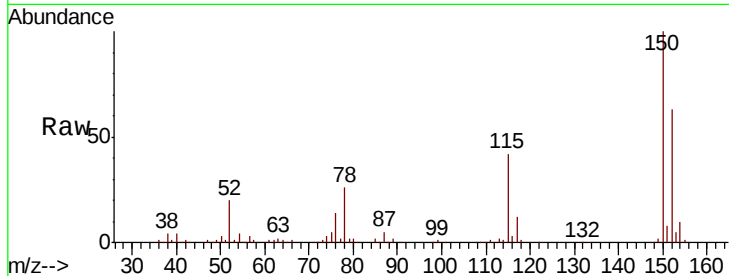


#1

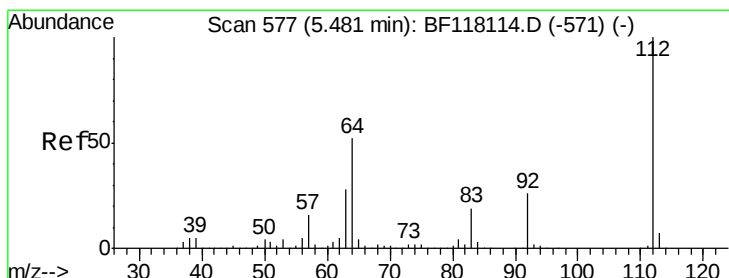
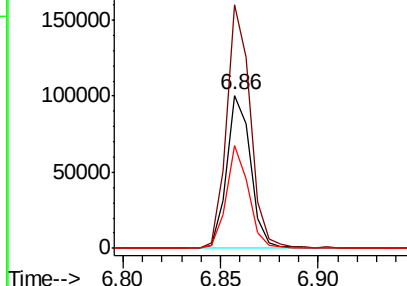
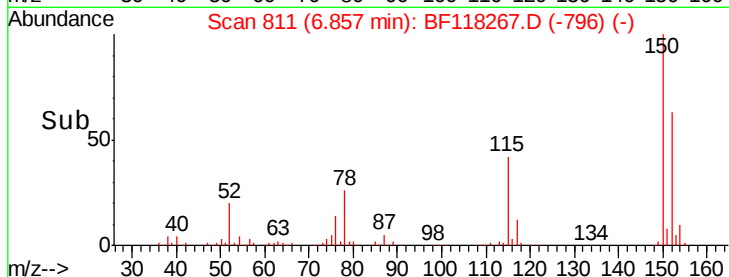
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Instrument :
BNA_F
ClientSampleId :
PF-01

Tot Ion:152 Resp: 85590
Ion Ratio Lower Upper
152 100
150 159.3 128.3 192.5
115 66.9 51.1 76.7



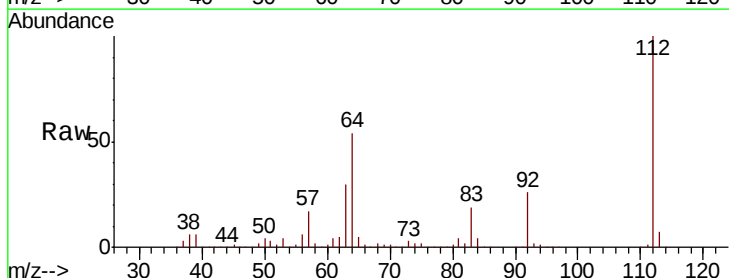
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



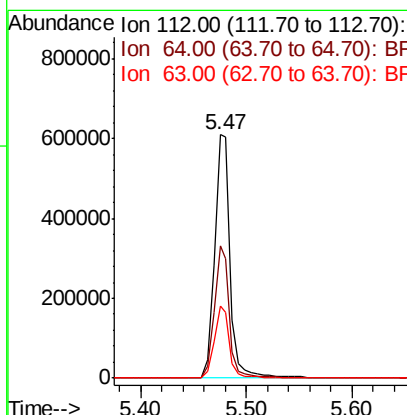
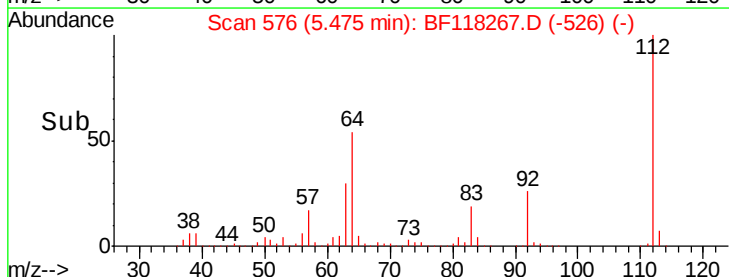
#5

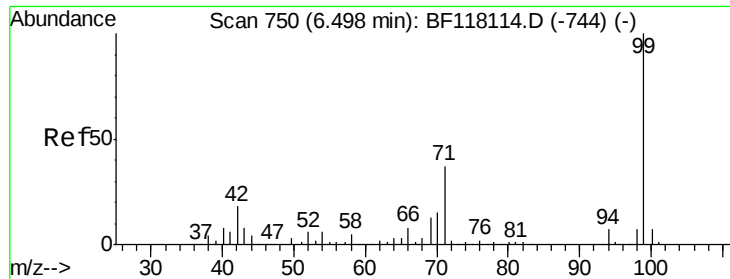
2-Fluorophenol
Concen: 131.311 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion:112 Resp: 641687
Ion Ratio Lower Upper
112 100
64 54.2 41.3 61.9
63 29.5 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: 137.279 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Instrument :

BNA_F

ClientSampled :

PF-01

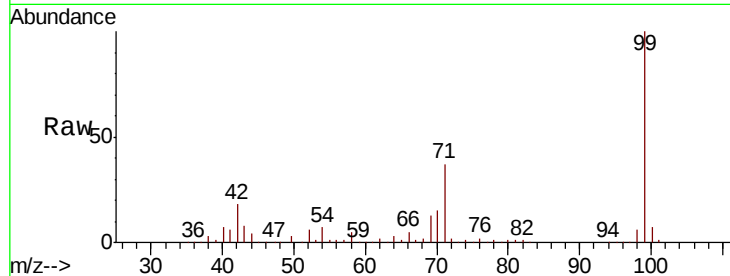
Tot Ion: 99 Resp: 811416

Ion Ratio Lower Upper

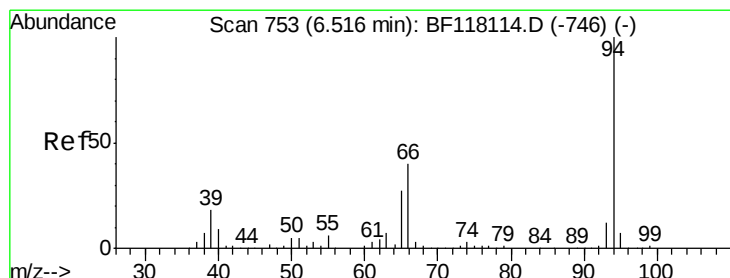
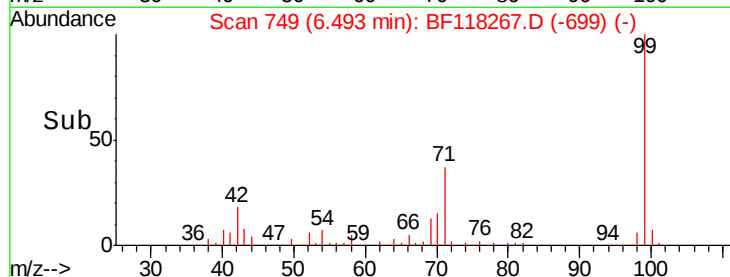
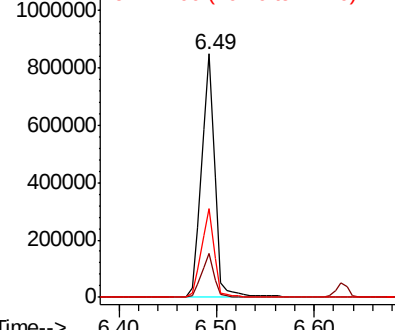
99 100

42 17.8 14.1 21.1

71 36.5 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: 4.754 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

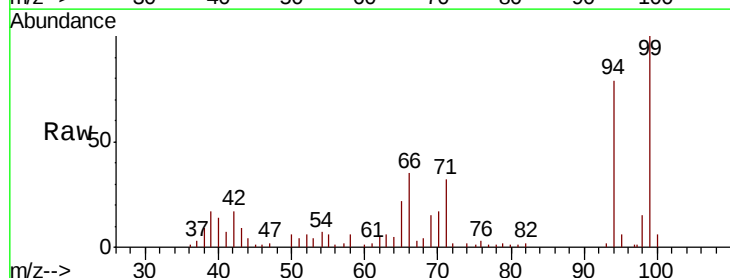
Tgt Ion: 94 Resp: 32045

Ion Ratio Lower Upper

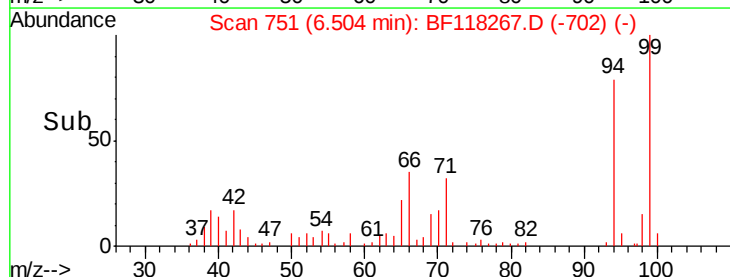
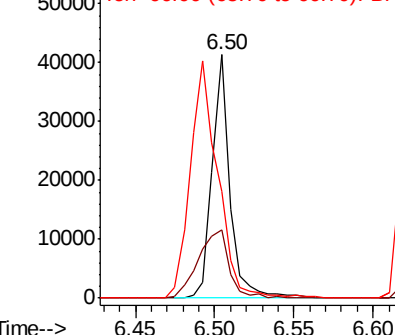
94 100

65 27.8 7.3 47.3

66 43.5 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

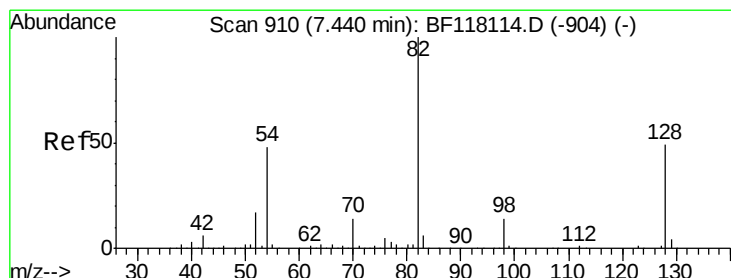
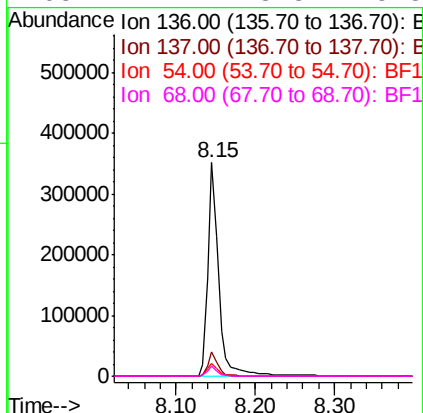
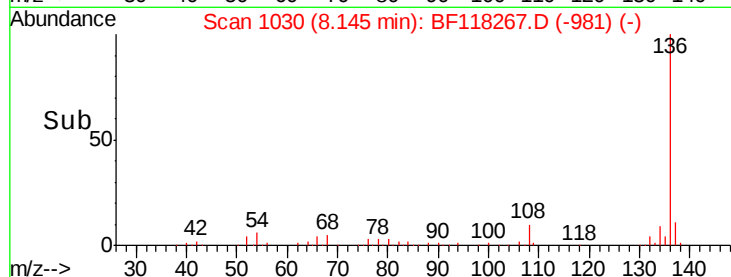
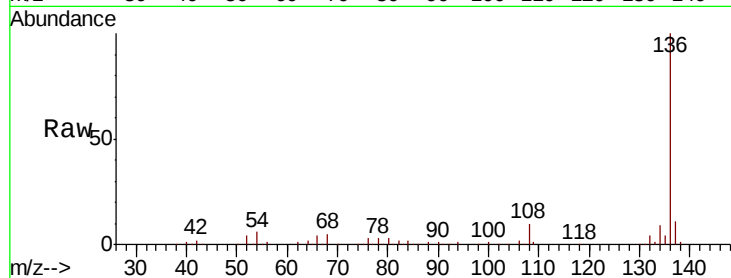




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

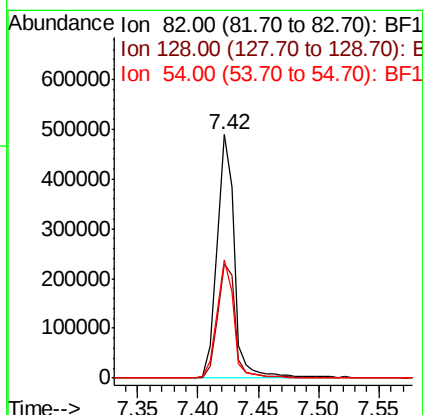
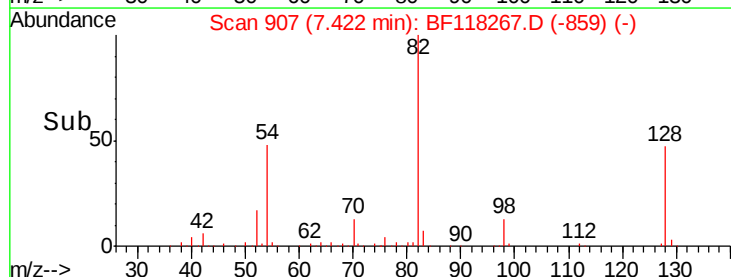
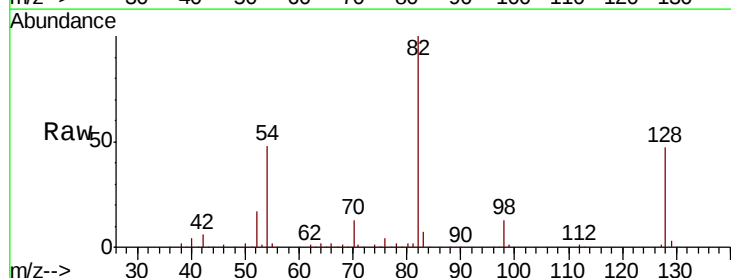
Instrument :
BNA_F
ClientSampled :
PF-01

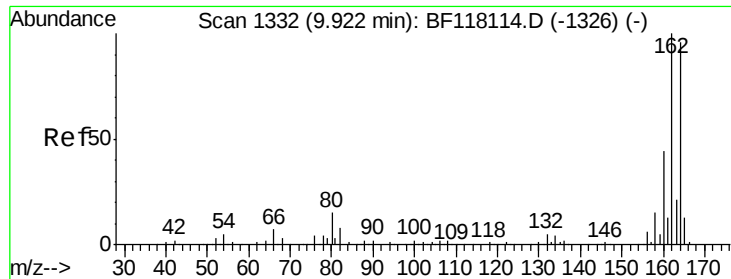
Tot Ion:136	Resp:	338944	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.6	
54 5.9	5.0	7.6	
68 4.7	3.8	5.8	



#23
Nitrobenzene-d5
Concen: 79.816 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion: 82	Resp: 480876
Ion Ratio	Lower Upper
82 100	
128 46.7	39.1 58.7
54 48.3	38.2 57.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Instrument :

BNA_F

ClientSampled :

PF-01

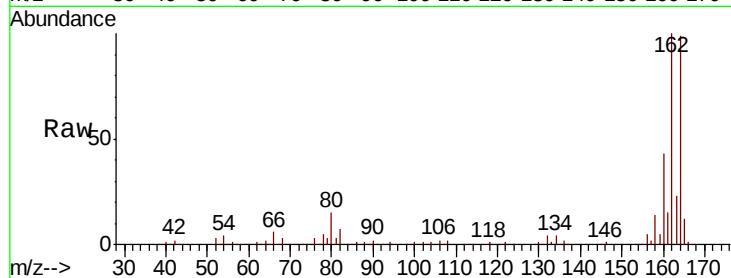
Tot Ion:164 Resp: 179695

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.0

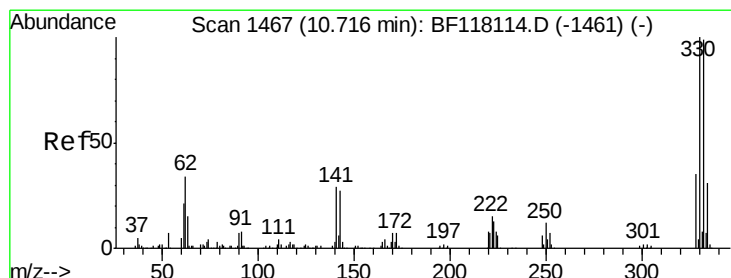
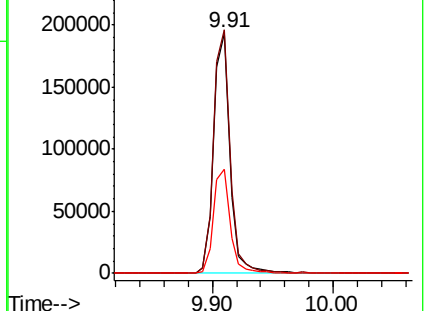
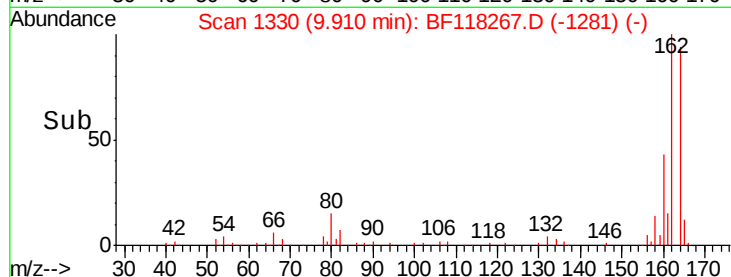
160 43.5 36.6 54.8



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: 125.137 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

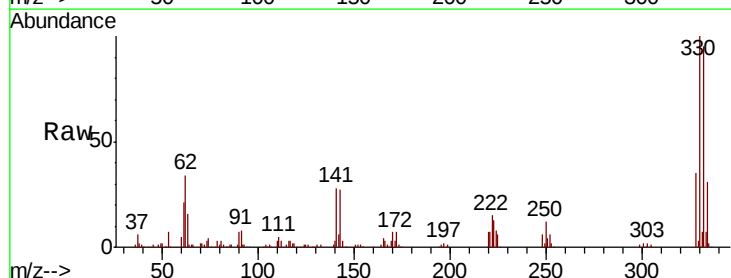
Tgt Ion:330 Resp: 273169

Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

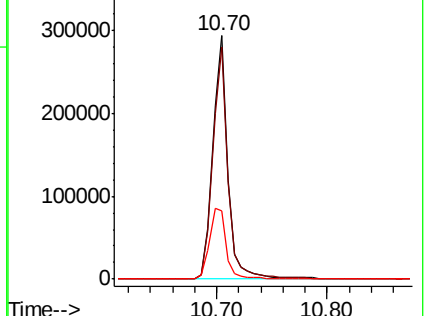
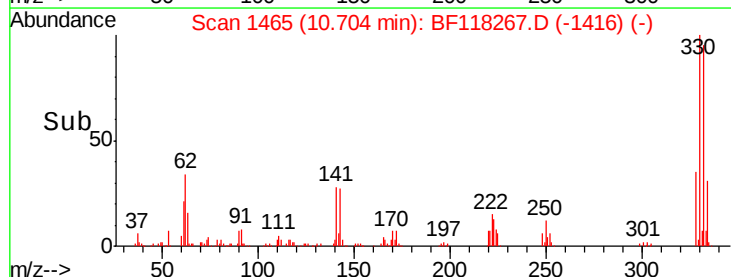
141 33.1 26.9 40.3

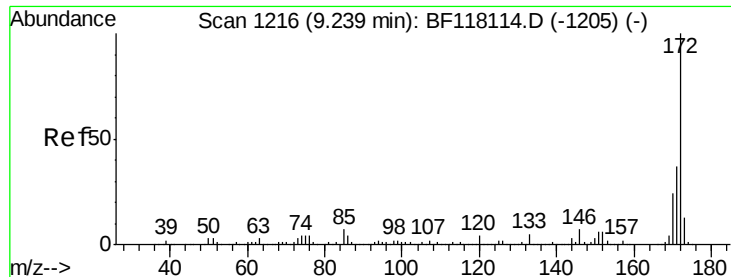


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

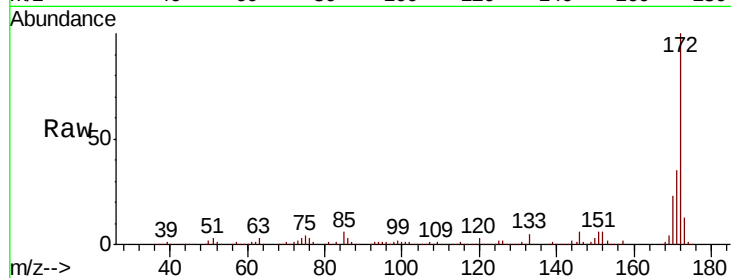




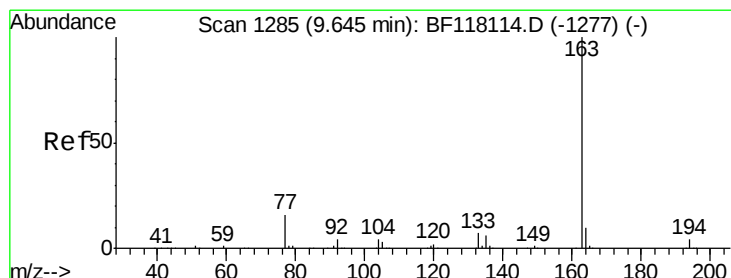
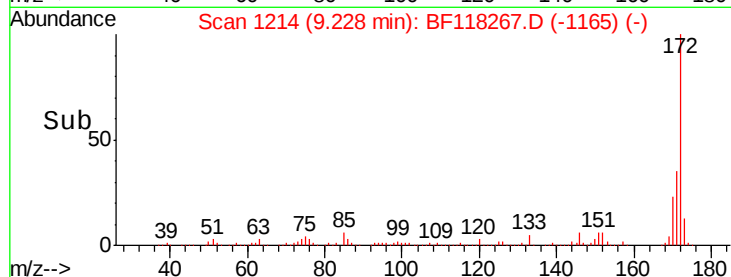
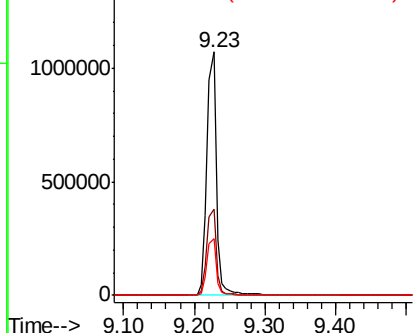
#45
2-Fluorobiphenyl
Concen: 85.496 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Instrument :
BNA_F
ClientSampled :
PF-01

Tot Ion:172 Resp: 1009640
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.4 19.4 29.2

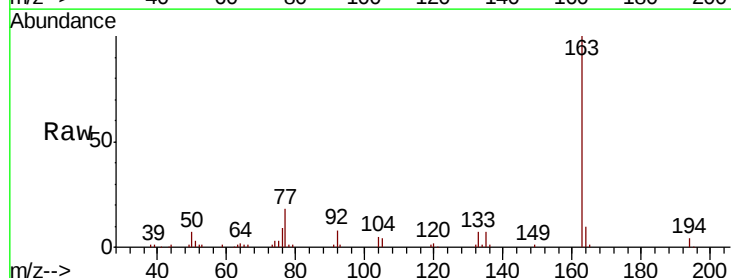


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

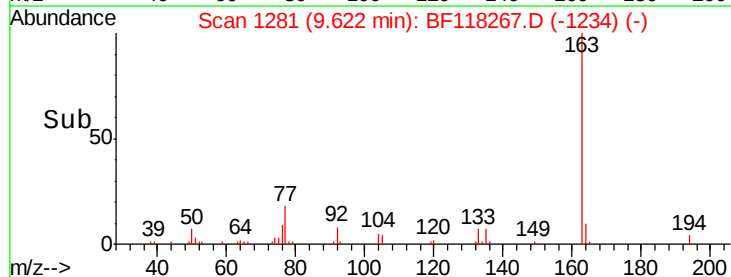
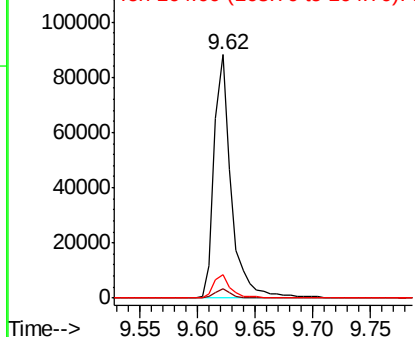


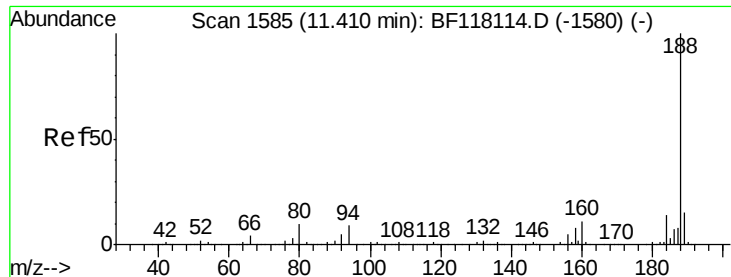
#50
Dimethylphthalate
Concen: 6.851 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion:163 Resp: 90936
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 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

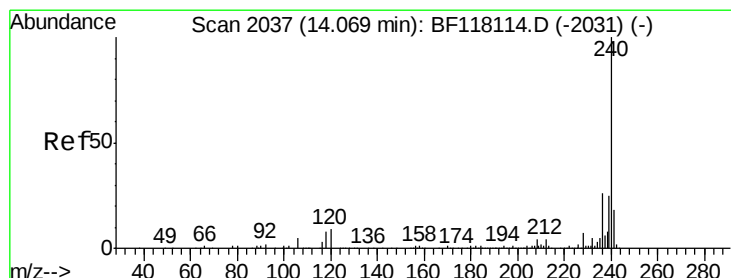
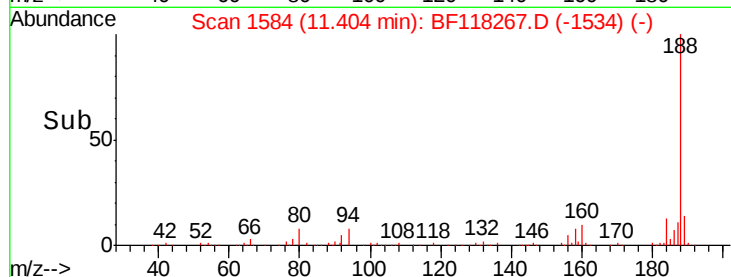
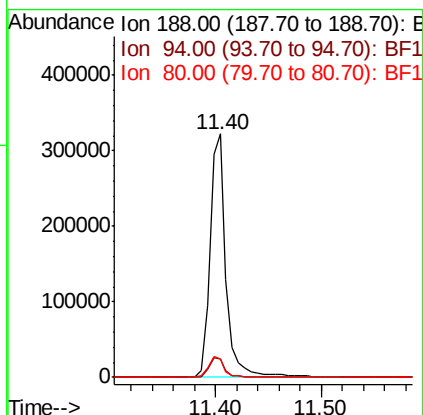
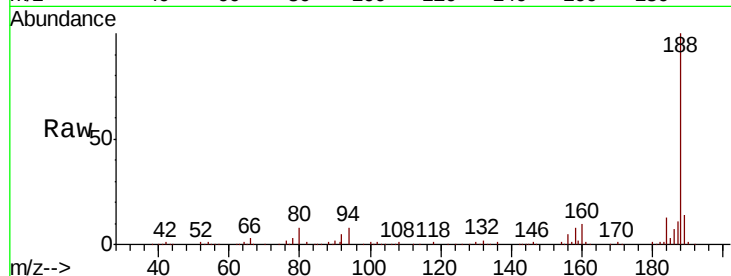




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

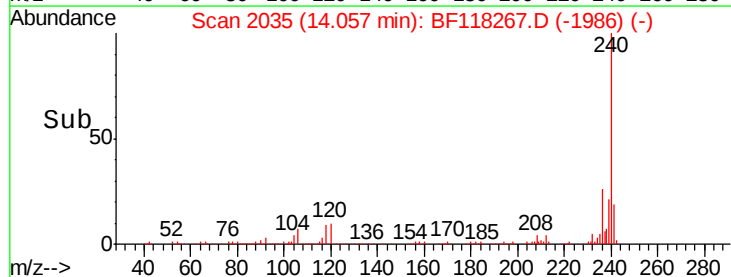
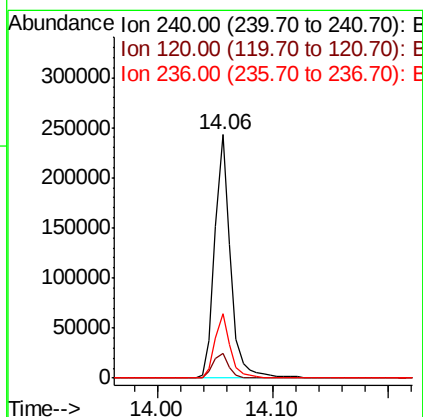
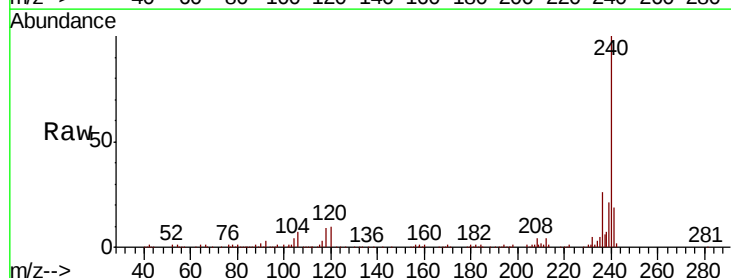
Instrument :
BNA_F
ClientSampleId :
PF-01

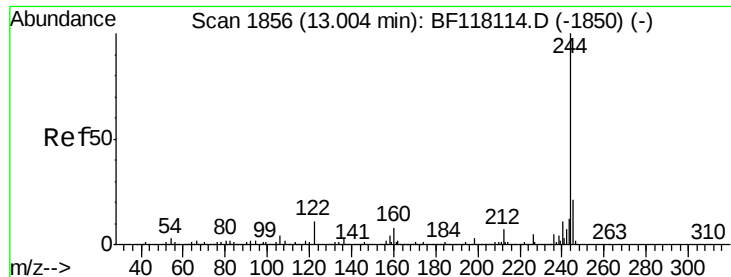
Tot Ion:188 Resp: 340038
Ion Ratio Lower Upper
188 100
94 7.6 7.1 10.7
80 7.7 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118267.D
Acq: 18 Dec 2019 19:06

Tgt Ion:240 Resp: 230505
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.4 21.0 31.6





#79

Terphenyl-d14

Concen: 90.107 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Instrument :

BNA_F

ClientSampleId :

PF-01

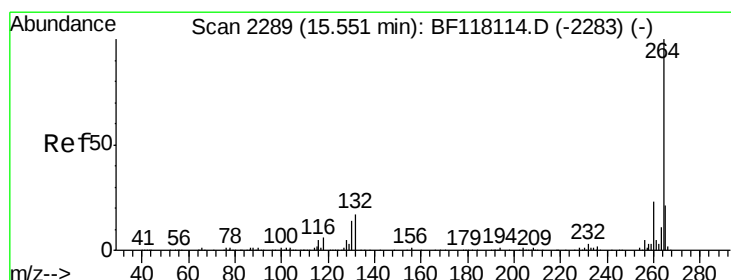
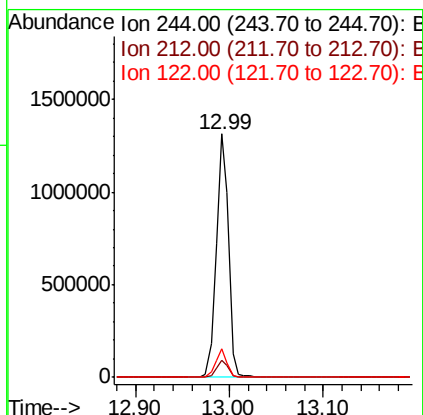
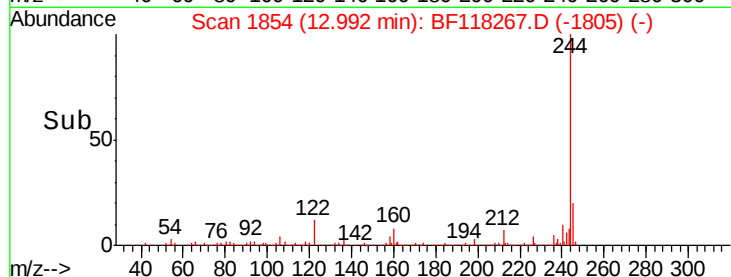
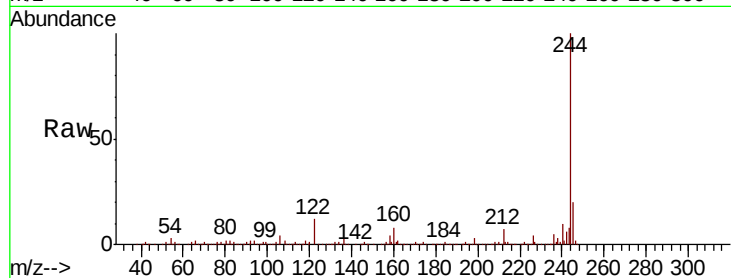
Tot Ion:244 Resp: 1207827

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.0 9.0 13.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BF118267.D

Acq: 18 Dec 2019 19:06

Tgt Ion:264 Resp: 209945

Ion Ratio Lower Upper

264 100

260 24.8 18.6 28.0

265 23.2 16.8 25.2

