

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118153.D
 Acq On : 9 Dec 2019 19:21
 Operator : JU
 Sample : K6177-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-8

Quant Time: Dec 10 02:09:09 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

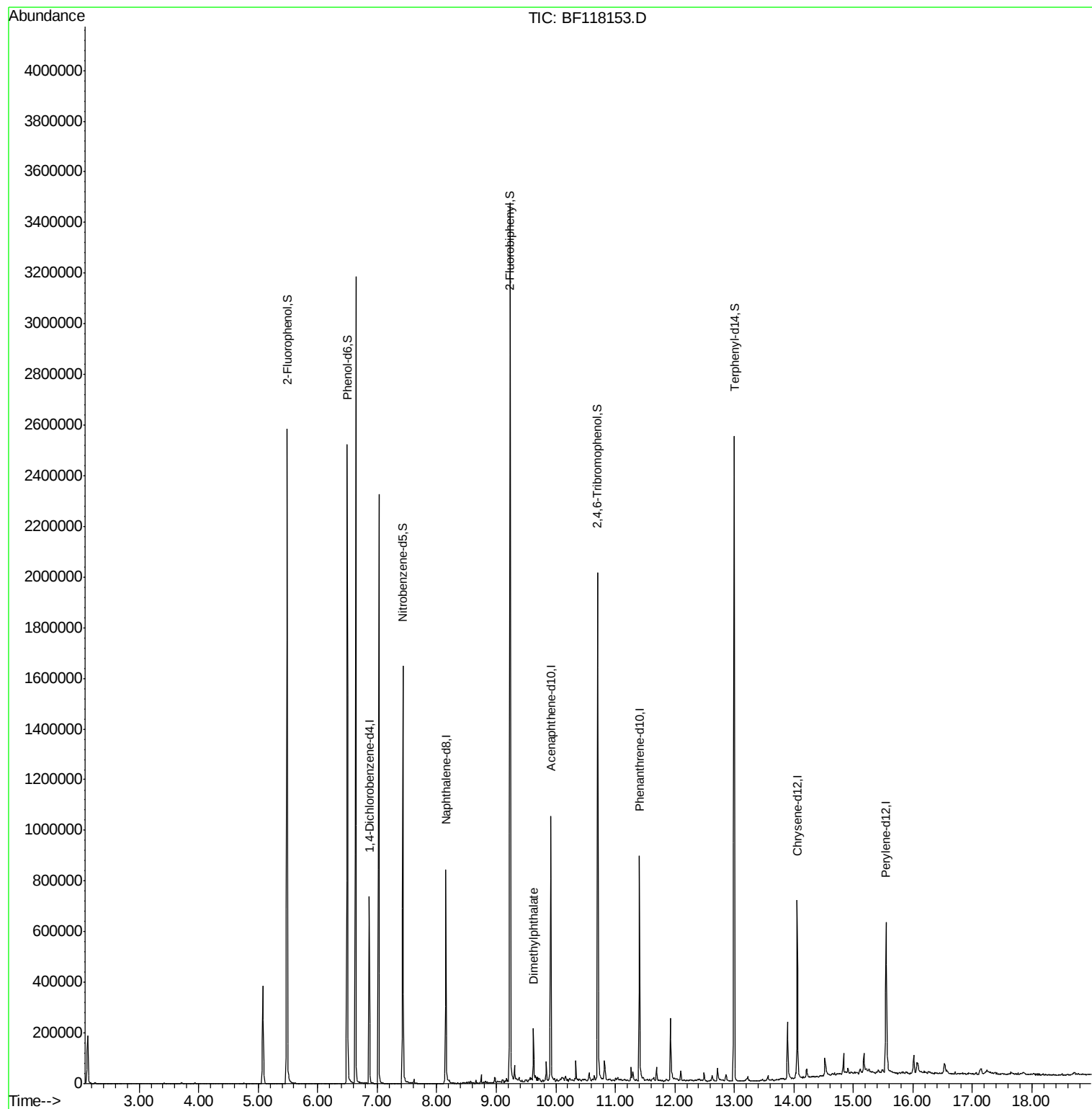
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110349	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	416158	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	207392	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	334630	20.00	ng	0.00
76) Chrysene-d12	14.06	240	219678	20.00	ng	-0.01
87) Perylene-d12	15.55	264	287045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	732044	116.19	ng	0.00
7) Phenol-d6	6.50	99	903137	118.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	545662	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	257827	102.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1054434	77.36	ng	0.00
79) Terphenyl-d14	13.00	244	898376	70.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	85141	5.558	ng	Qvalue 98

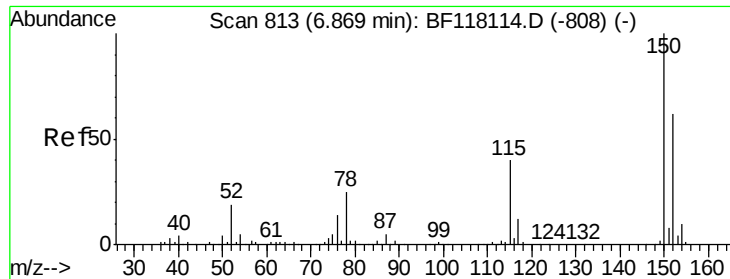
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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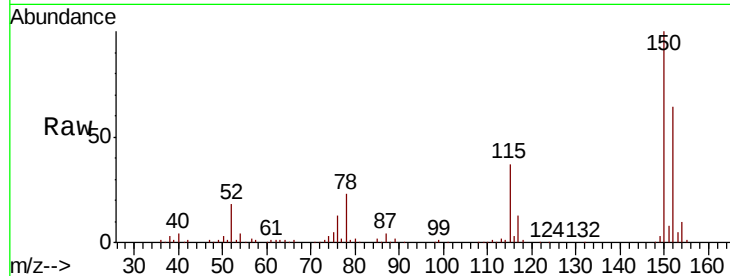


#1

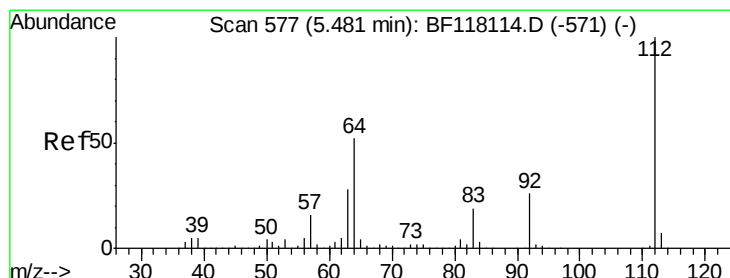
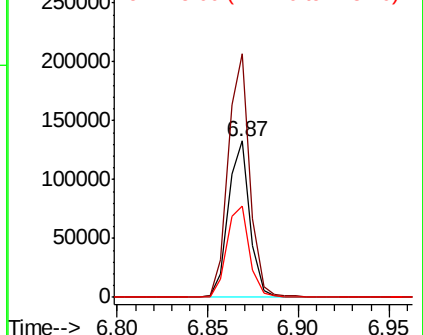
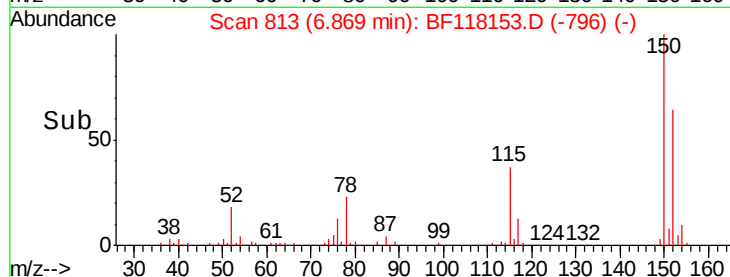
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Instrument :
BNA_F
ClientSampleId :
EP-8

Tot Ion:152 Resp: 110349
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 58.3 51.1 76.7



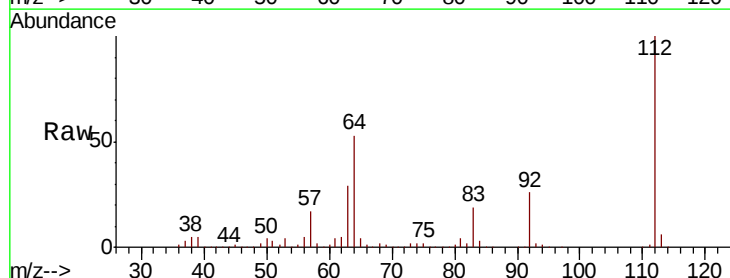
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



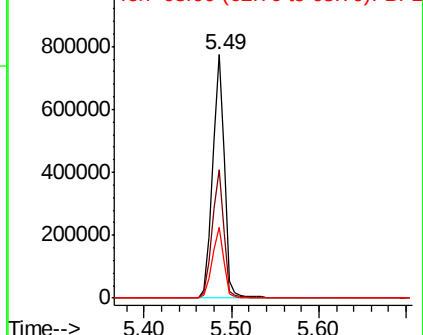
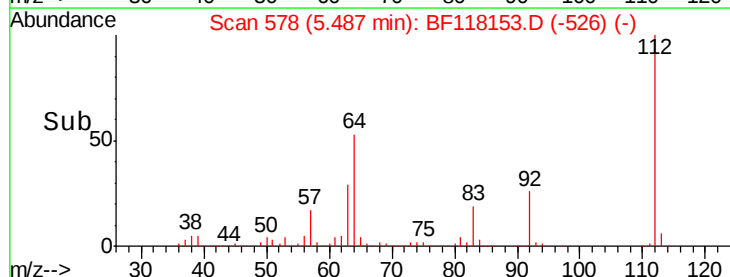
#5

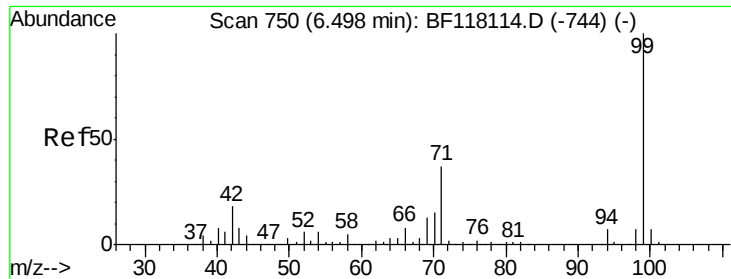
2-Fluorophenol
Concen: 116.190 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Tgt Ion:112 Resp: 732044
Ion Ratio Lower Upper
112 100
64 53.0 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: 118.514 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Instrument :

BNA_F

ClientSampleId :

EP-8

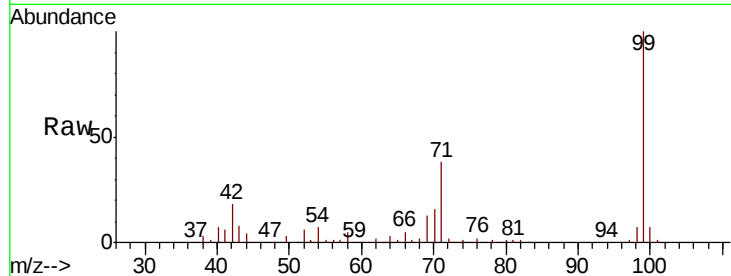
Tot Ion: 99 Resp: 903137

Ion Ratio Lower Upper

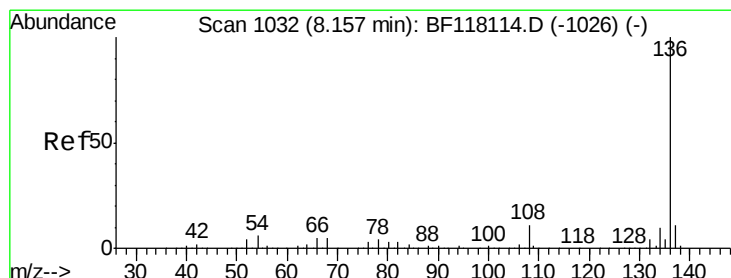
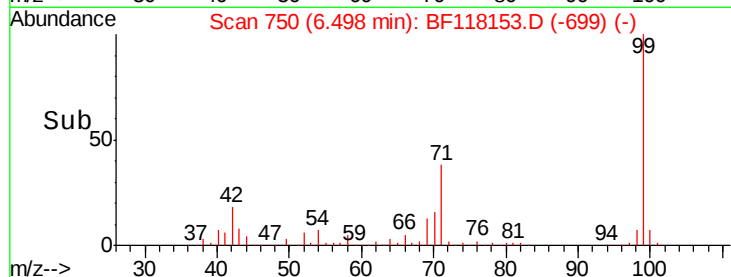
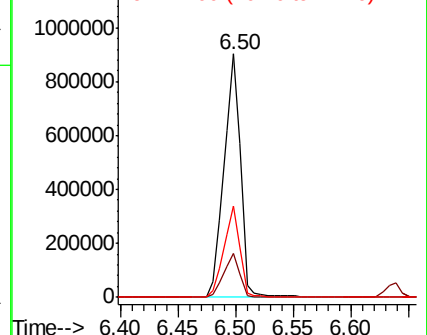
99 100

42 17.8 14.1 21.1

71 37.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Tgt Ion: 136 Resp: 416158

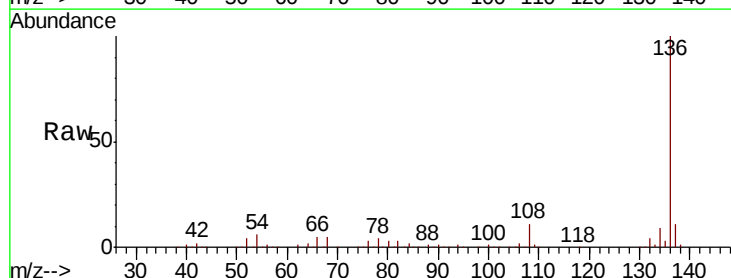
Ion Ratio Lower Upper

136 100

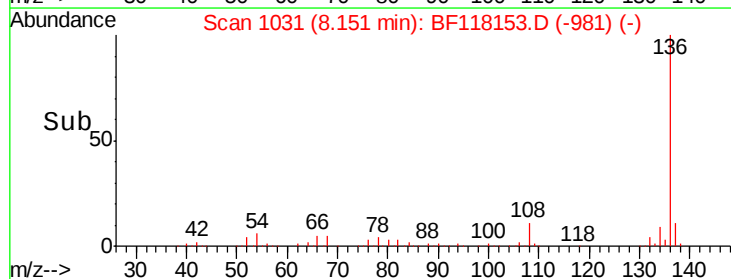
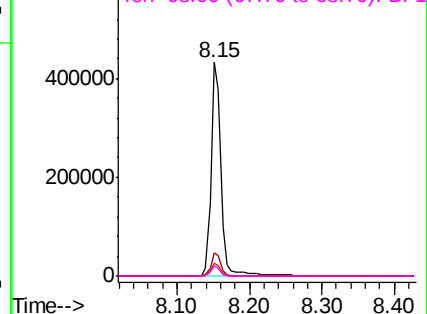
137 11.0 9.0 13.6

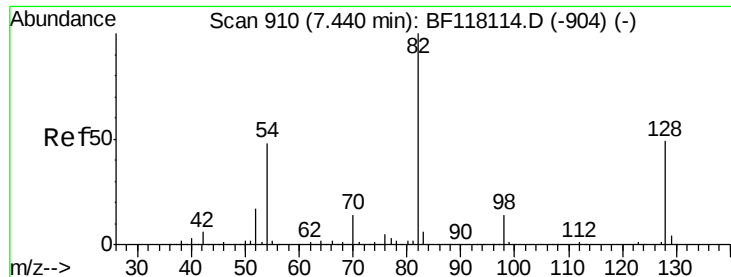
54 6.2 5.0 7.6

68 4.7 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

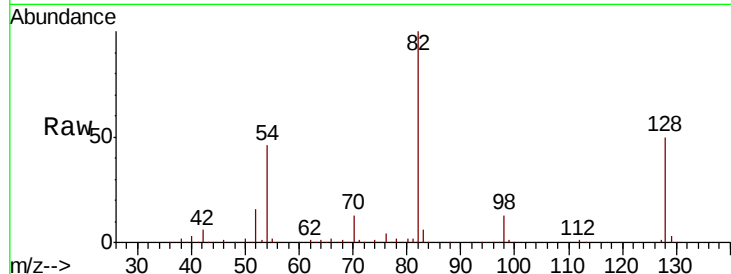




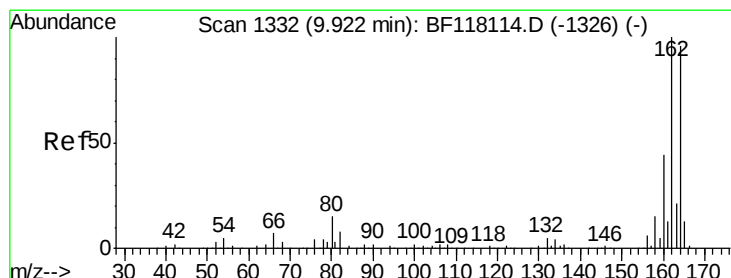
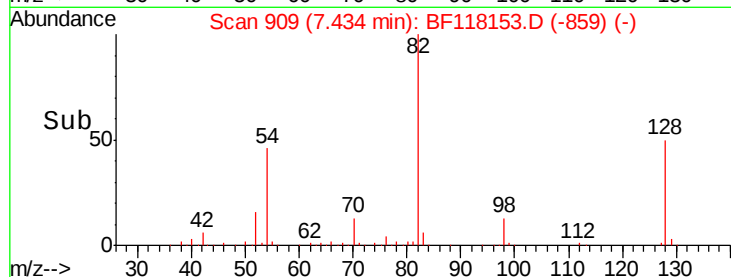
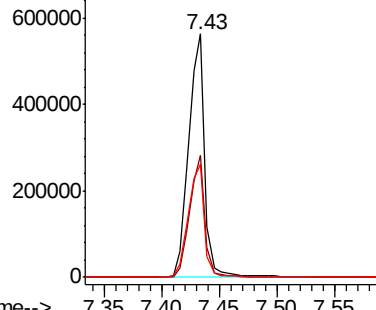
#23
Nitrobenzene-d5
Concen: 73.765 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Instrument :
BNA_F
ClientSampleId :
EP-8

Tot Ion: 82 Resp: 545662
Ion Ratio Lower Upper
82 100
128 50.0 39.1 58.7
54 46.2 38.2 57.2

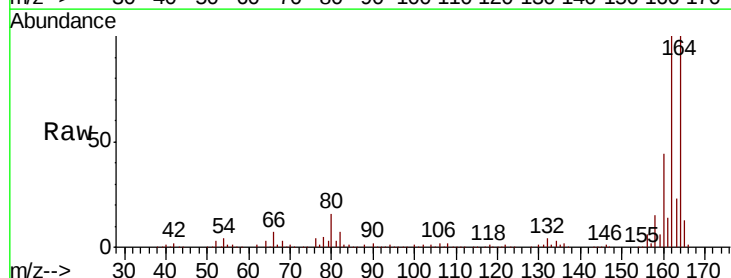


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

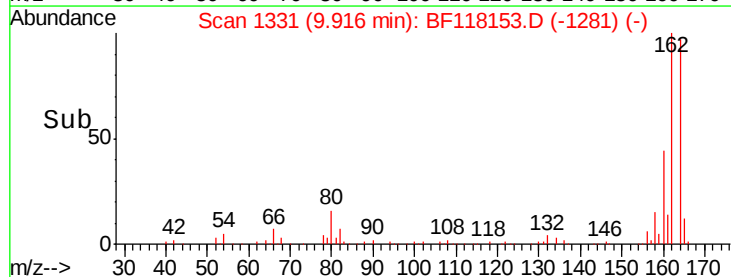
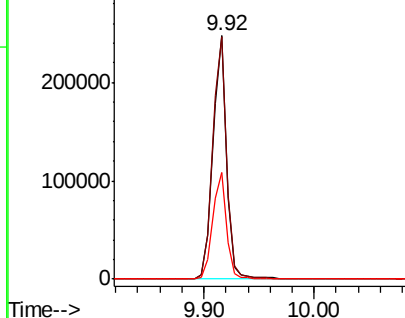


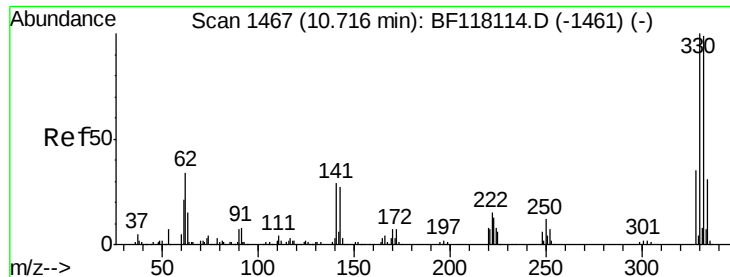
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Tgt Ion:164 Resp: 207392
Ion Ratio Lower Upper
164 100
162 99.8 83.4 125.0
160 43.8 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

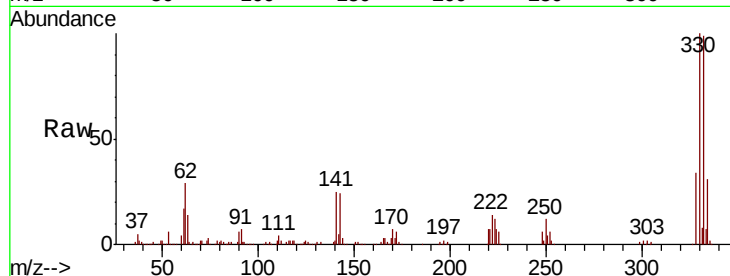




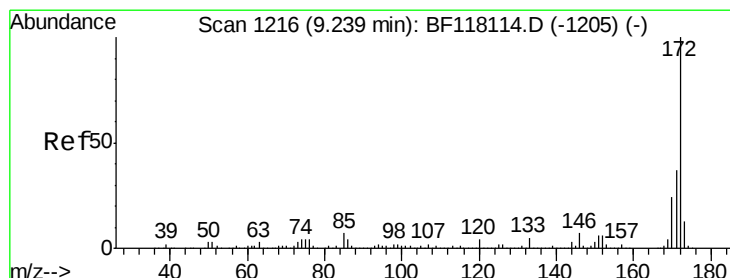
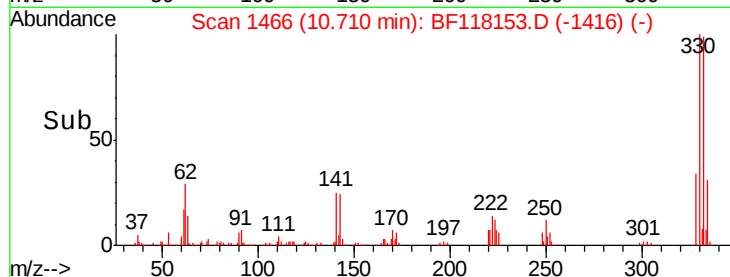
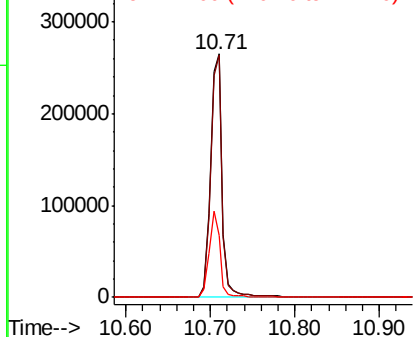
#42
2,4,6-Tribromophenol
Concen: 102.335 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Instrument :
BNA_F
ClientSampleId :
EP-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	33.7	26.9	40.3

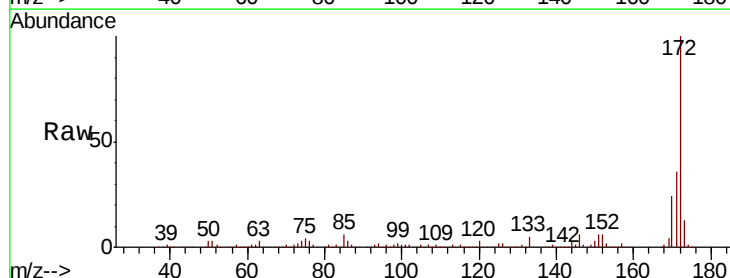


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

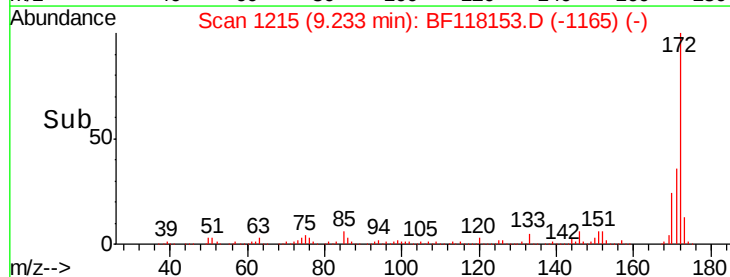
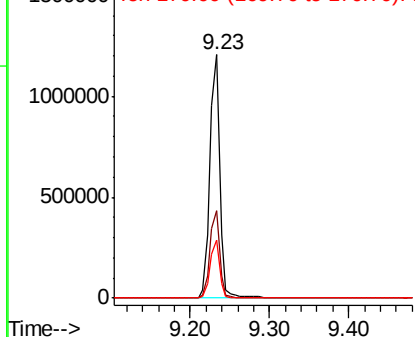


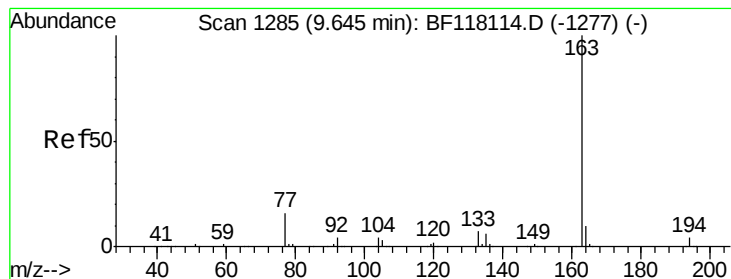
#45
2-Fluorobiphenyl
Concen: 77.364 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.9	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: 5.558 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118153.D

Acq: 9 Dec 2019 19:21

Instrument :

BNA_F

ClientSampleId :

EP-8

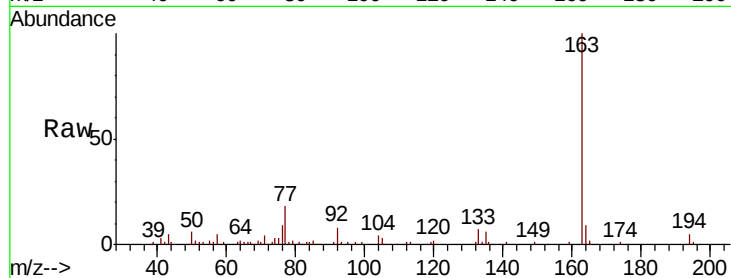
Tot Ion:163 Resp: 85141

Ion Ratio Lower Upper

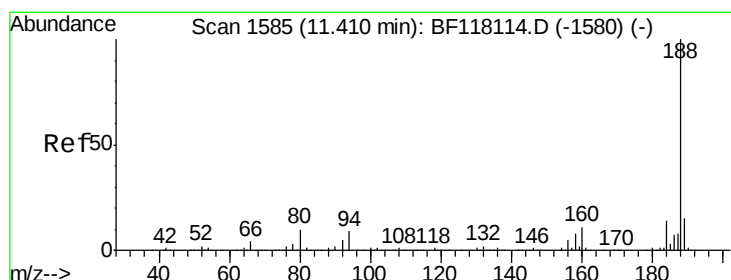
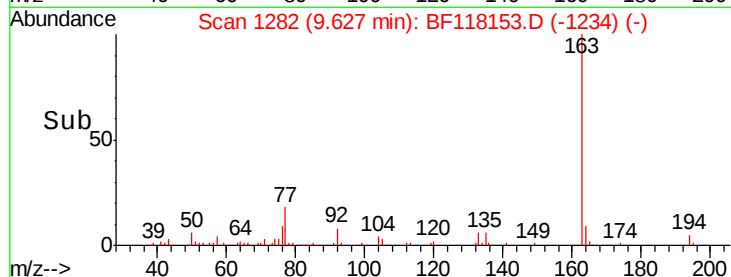
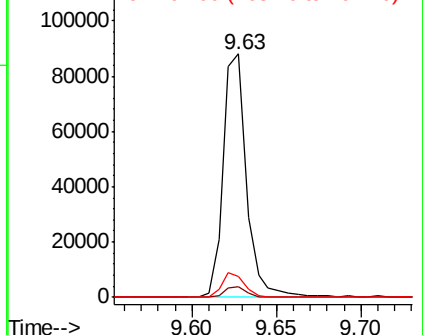
163 100

194 4.6 3.1 4.7

164 8.8 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: BF118153.D

Acq: 9 Dec 2019 19:21

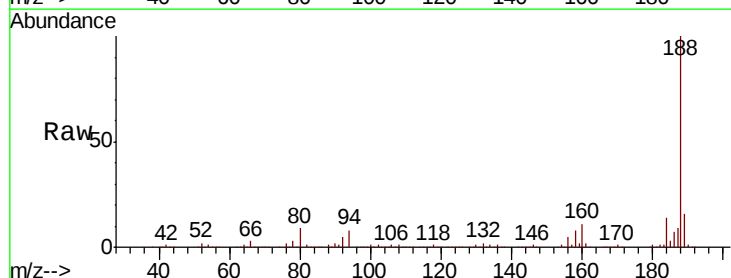
Tgt Ion:188 Resp: 334630

Ion Ratio Lower Upper

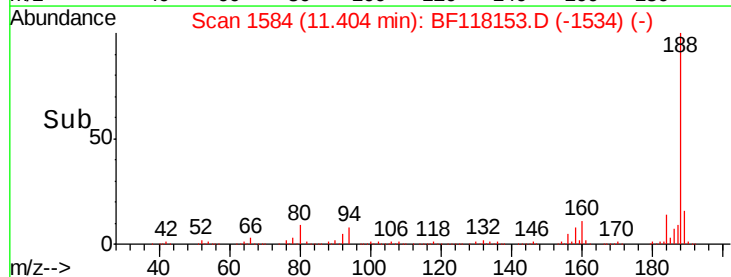
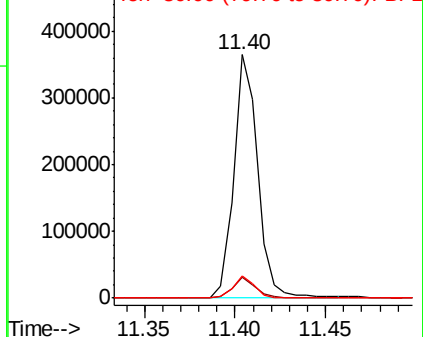
188 100

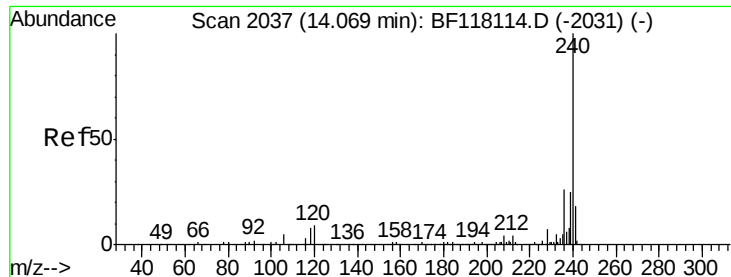
94 8.5 7.1 10.7

80 9.2 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

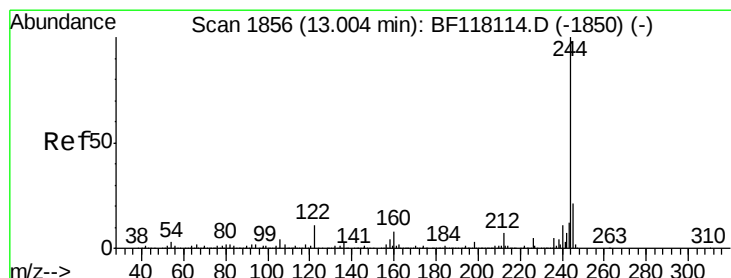
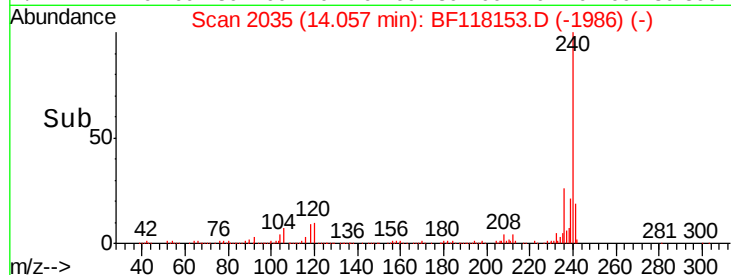
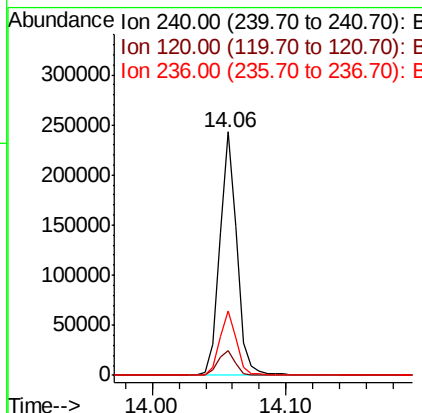
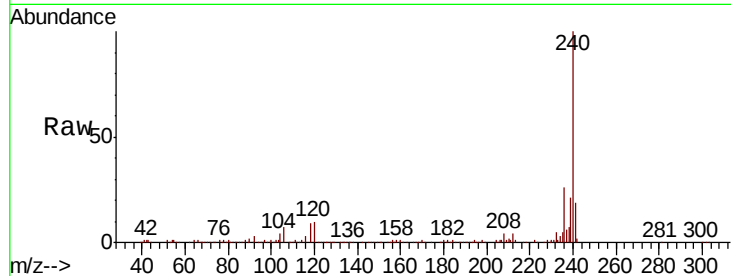




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

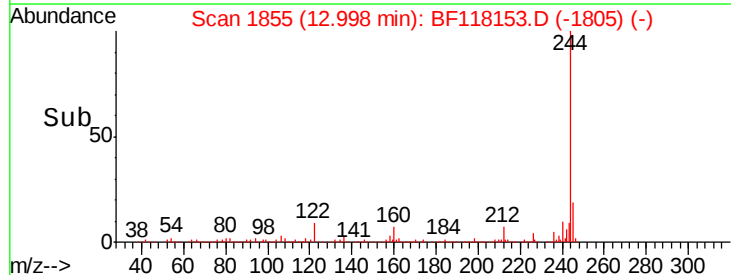
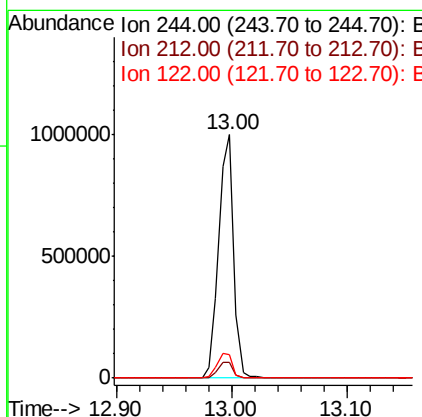
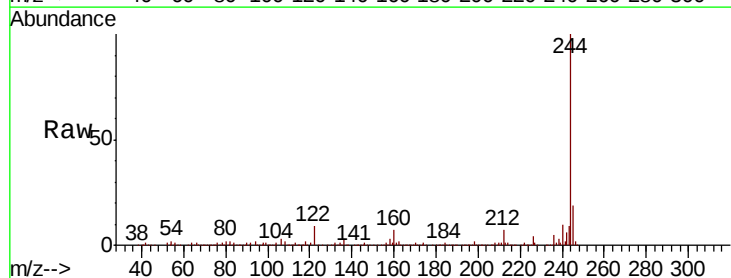
Instrument :
BNA_F
ClientSampleId :
EP-8

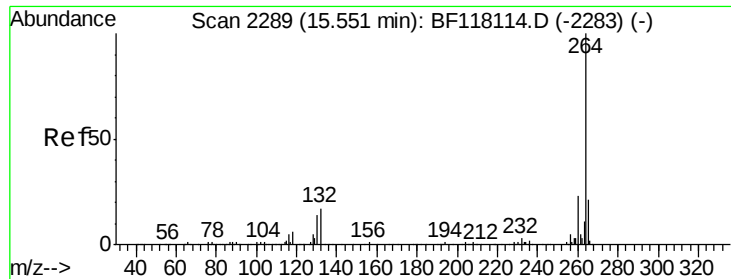
Tot Ion:240 Resp: 219678
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 26.3 21.0 31.6



#79
Terphenyl-d14
Concen: 70.324 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Tgt Ion:244 Resp: 898376
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 9.5 9.0 13.6

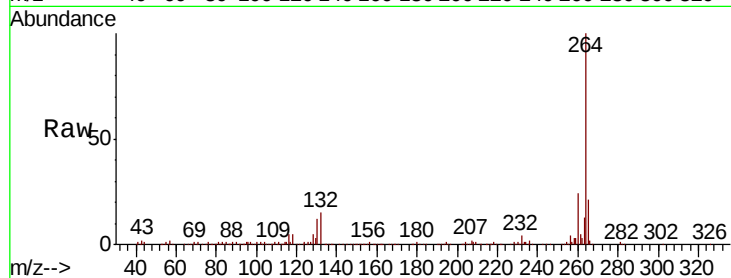




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118153.D
Acq: 9 Dec 2019 19:21

Instrument :
BNA_F
ClientSampleId :
EP-8

Tot Ion:264 Resp: 287045
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 21.2 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

