

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117939.D
 Acq On : 23 Nov 2019 00:57
 Operator : JU
 Sample : K5671-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-112119

Quant Time: Nov 23 04:04:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

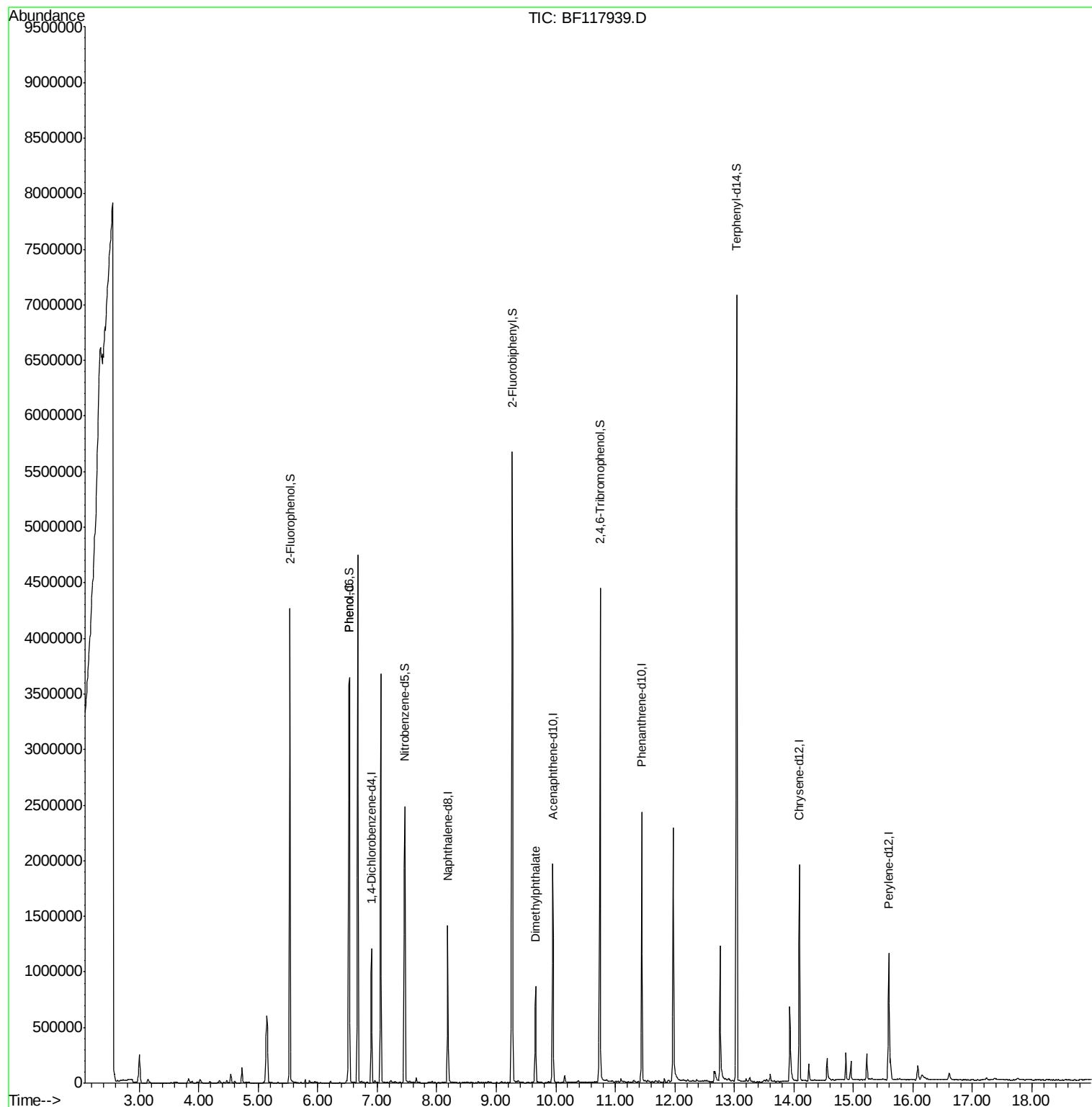
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183634	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	800800	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	429285	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	869918	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	614045	20.00	ng	-0.02
87) Perylene-d12	15.60	264	566626	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1358607	130.96	ng	0.00
7) Phenol-d6	6.53	99	1564984	125.07	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1059359	78.64	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	656975	144.56	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	2173408	90.83	ng	-0.02
79) Terphenyl-d14	13.04	244	2752902	81.94	ng	-0.02
Target Compounds						
10) Phenol	6.54	94	37124	2.855	ng	95
50) Dimethylphthalate	9.66	163	390675	12.978	ng	99

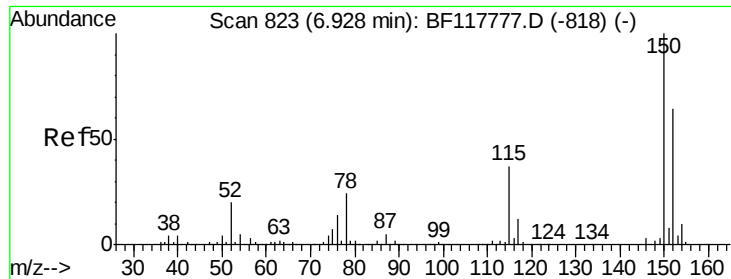
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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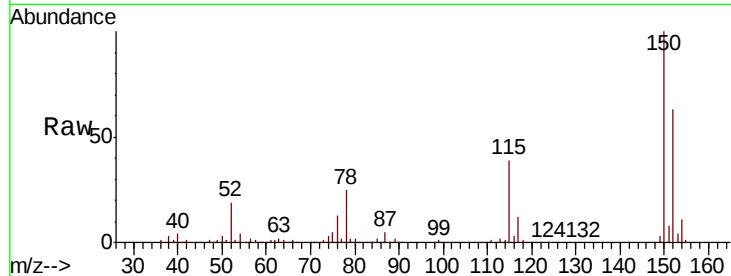


#1

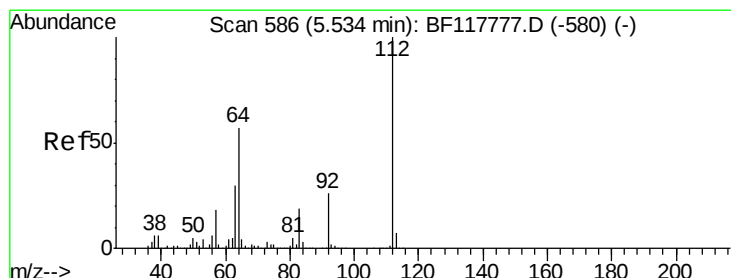
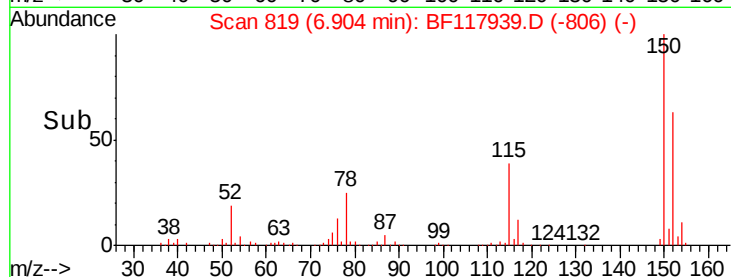
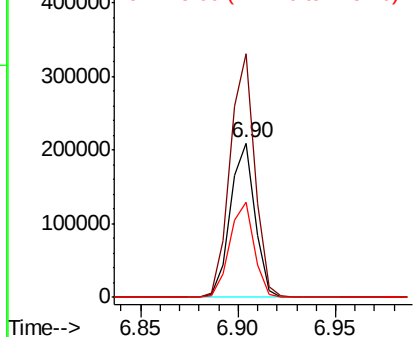
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117939.D
 Acq: 23 Nov 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-112119

Tot Ion:152 Resp: 183634
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 61.9 47.0 70.4



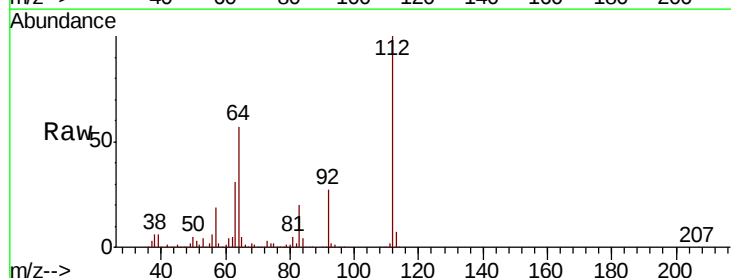
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



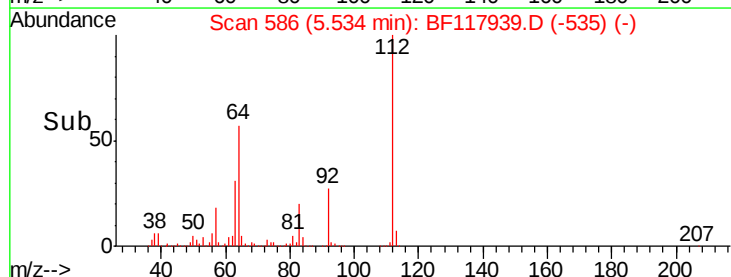
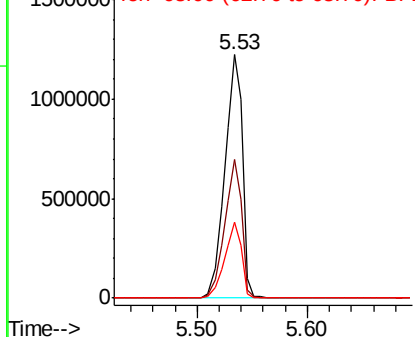
#5

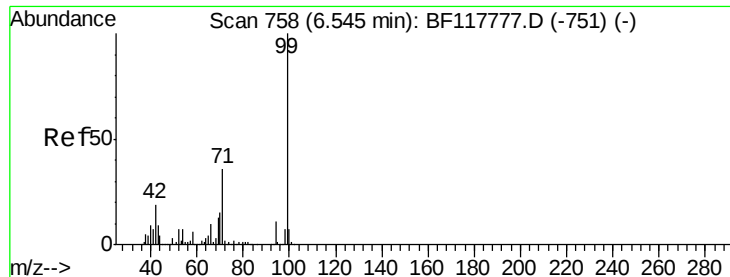
2-Fluorophenol
 Concen: 130.960 ng
 RT: 5.53 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF117939.D
 Acq: 23 Nov 2019 00:57

Tgt Ion:112 Resp: 1358607
 Ion Ratio Lower Upper
 112 100
 64 56.7 45.6 68.4
 63 31.2 24.1 36.1



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: 125.069 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117939.D

Acq: 23 Nov 2019 00:57

Instrument :

BNA_F

ClientSampleId :

OR-02-112119

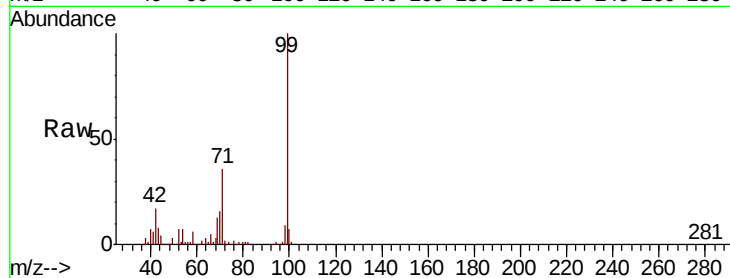
Tot Ion: 99 Resp: 1564984

Ion Ratio Lower Upper

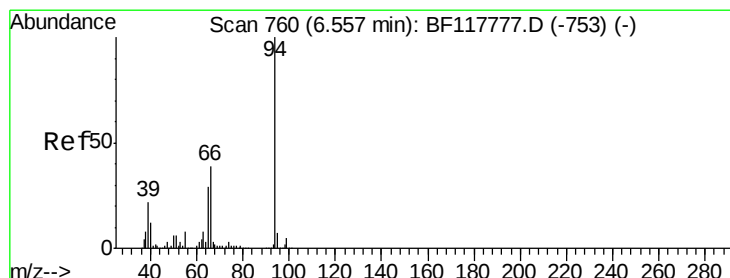
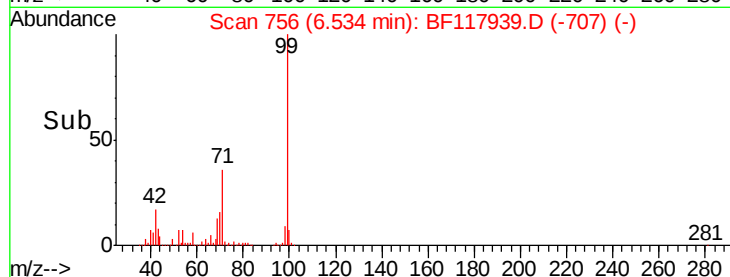
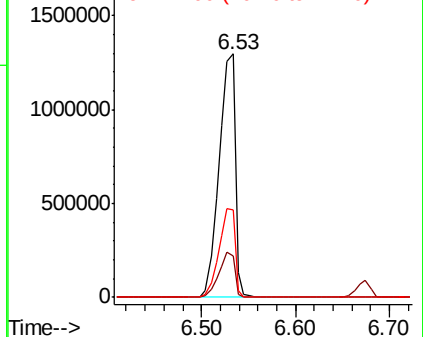
99 100

42 17.2 14.9 22.3

71 35.7 28.6 43.0



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: 2.855 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117939.D

Acq: 23 Nov 2019 00:57

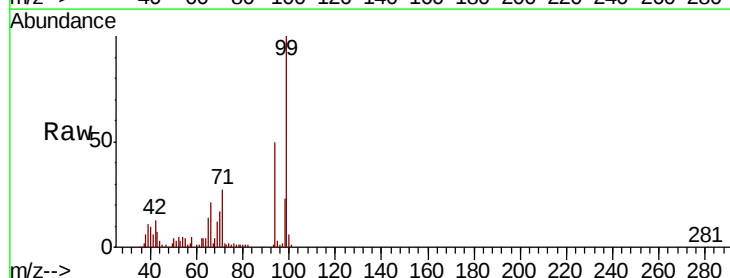
Tgt Ion: 94 Resp: 37124

Ion Ratio Lower Upper

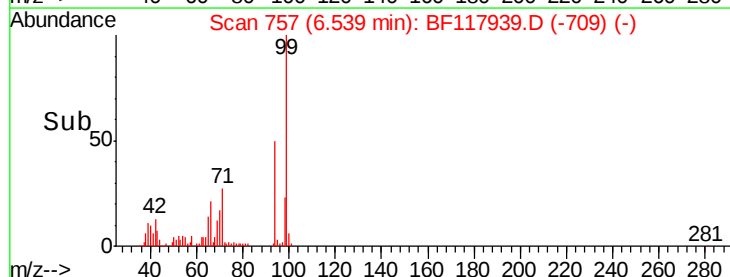
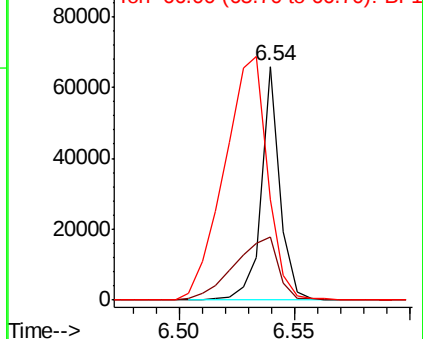
94 100

65 27.0 8.9 48.9

66 42.9 18.7 58.7



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

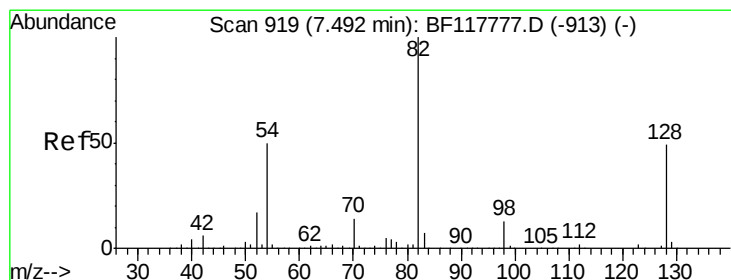
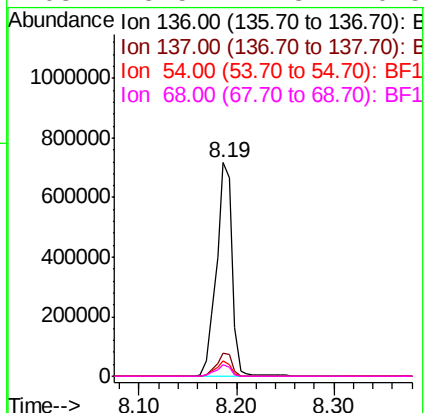
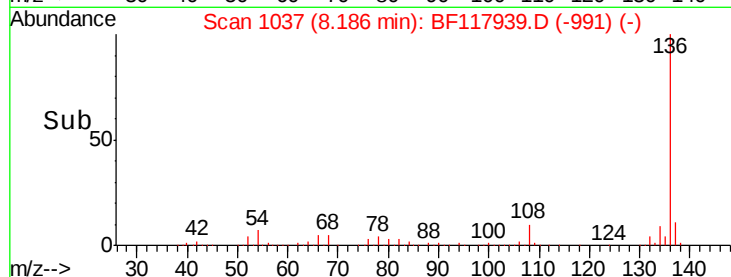
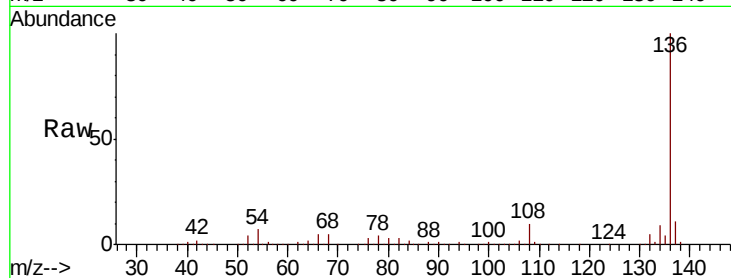




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117939.D
Acq: 23 Nov 2019 00:57

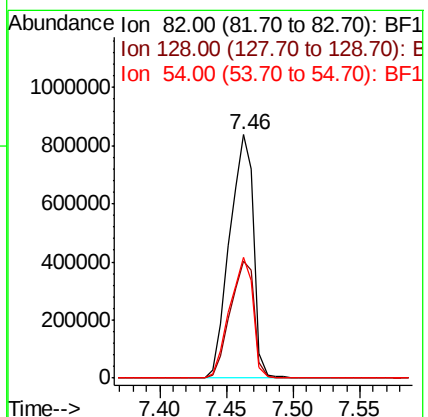
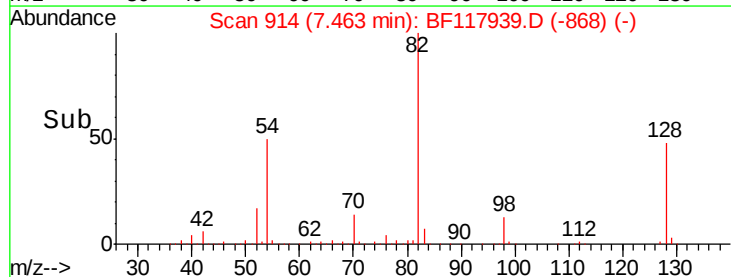
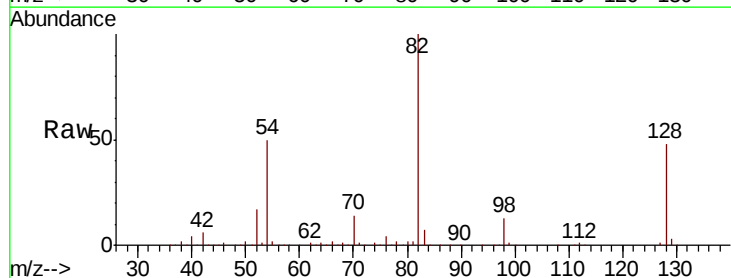
Instrument :
BNA_F
ClientSampleId :
OR-02-112119

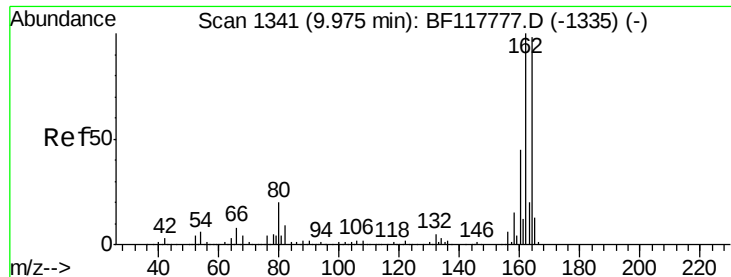
Tot Ion:136	Resp:	800800
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.4
54	7.2	5.4 8.2
68	5.5	4.3 6.5



#23
Nitrobenzene-d5
Concen: 78.640 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117939.D
Acq: 23 Nov 2019 00:57

Tgt Ion: 82	Resp:	1059359
Ion	Ratio	Lower Upper
82	100	
128	48.1	38.9 58.3
54	49.6	39.8 59.6

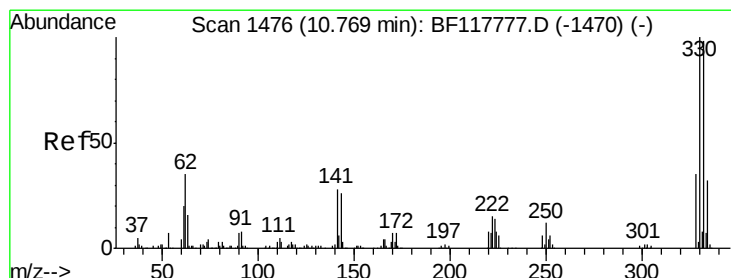
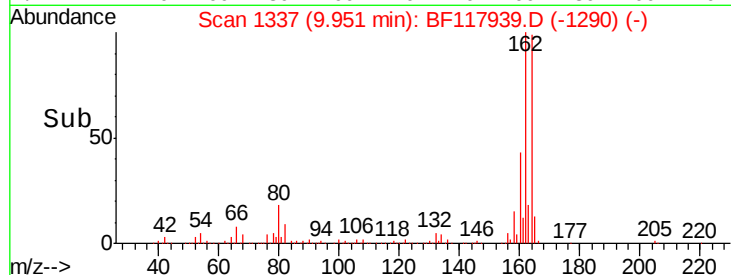
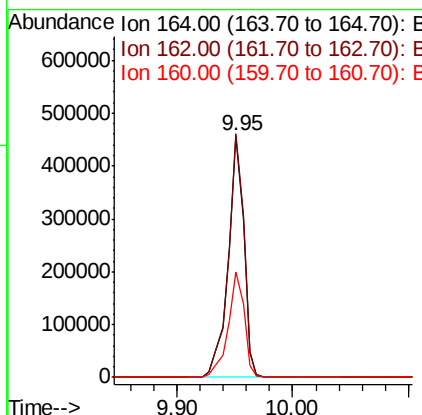
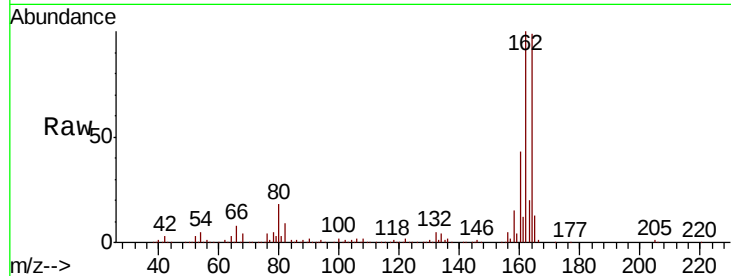




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF117939.D
 Acq: 23 Nov 2019 00:57

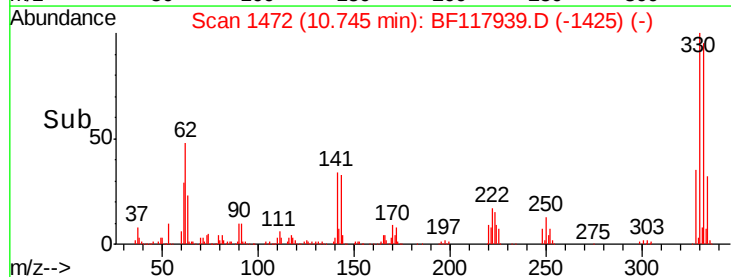
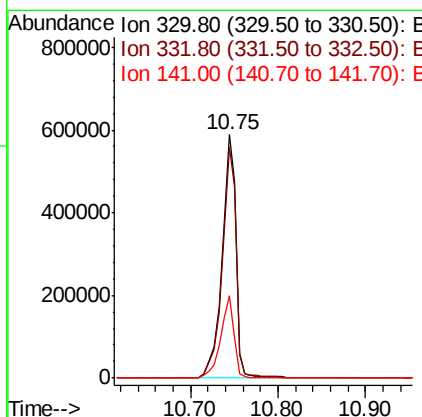
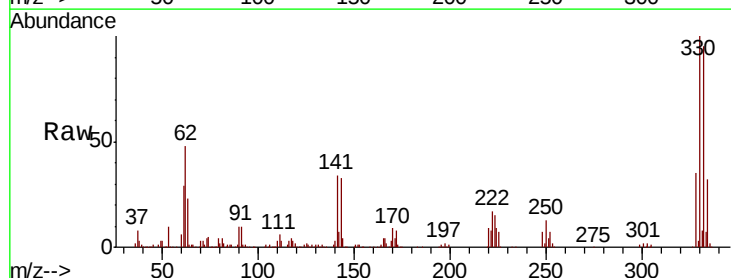
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-112119

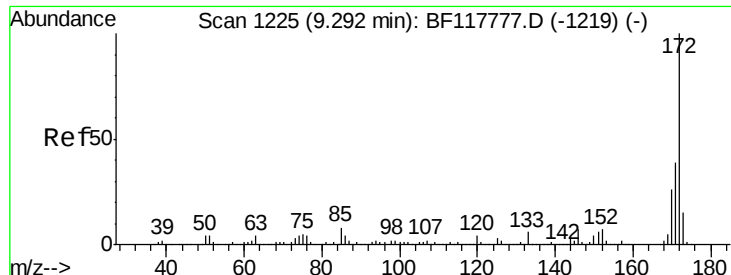
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	43.4	36.6	55.0



#42
 2,4,6-Tribromophenol
 Concen: 144.555 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF117939.D
 Acq: 23 Nov 2019 00:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.7	115.1
141	32.4	27.7	41.5

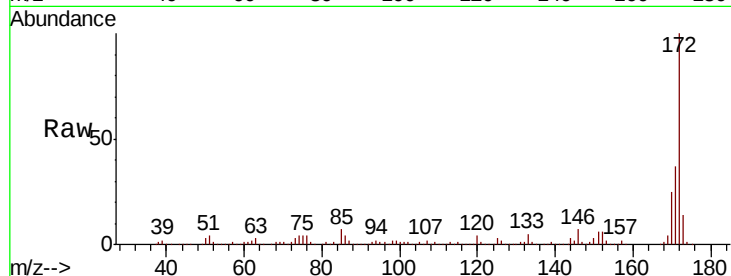




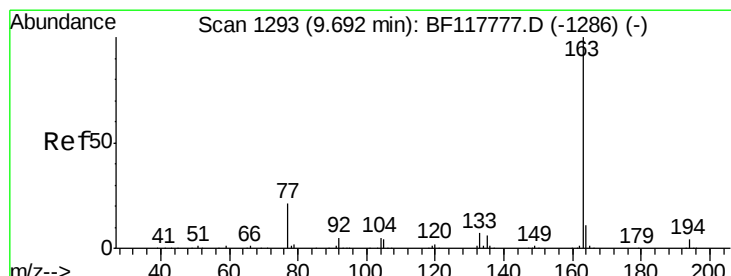
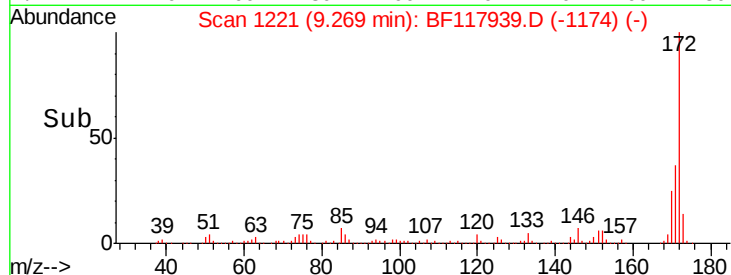
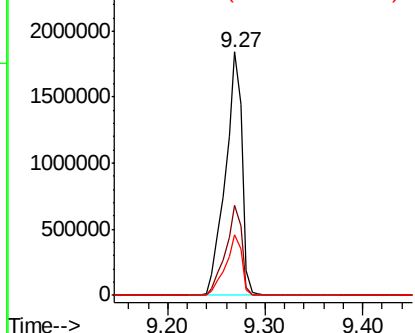
#45
2-Fluorobiphenyl
Concen: 90.829 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117939.D
Acq: 23 Nov 2019 00:57

Instrument :
BNA_F
ClientSampleId :
OR-02-112119

Tot Ion:172 Resp: 2173408
Ion Ratio Lower Upper
172 100
171 37.1 30.9 46.3
170 25.1 21.0 31.4

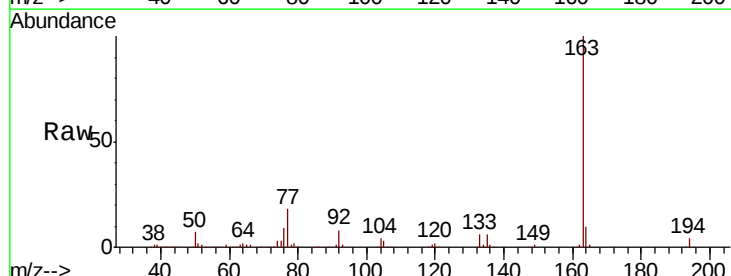


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

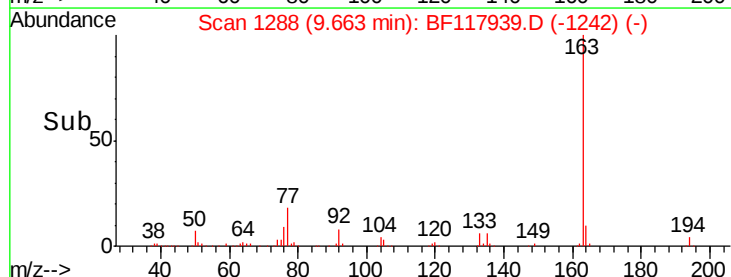
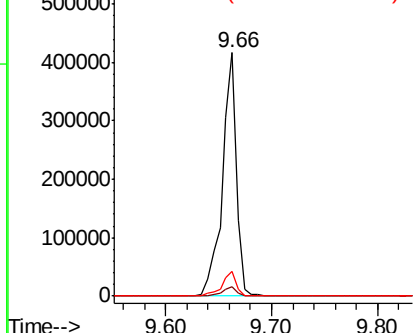


#50
Dimethylphthalate
Concen: 12.978 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117939.D
Acq: 23 Nov 2019 00:57

Tgt Ion:163 Resp: 390675
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

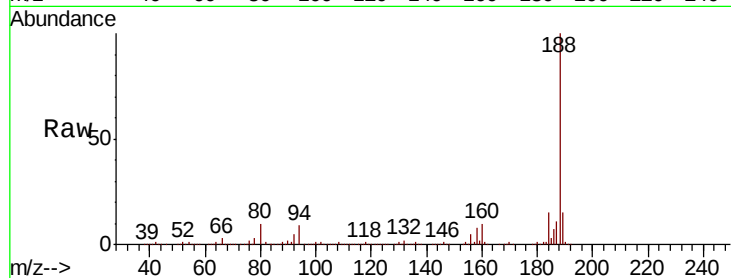




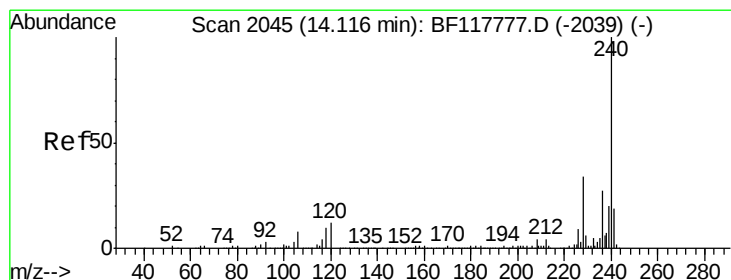
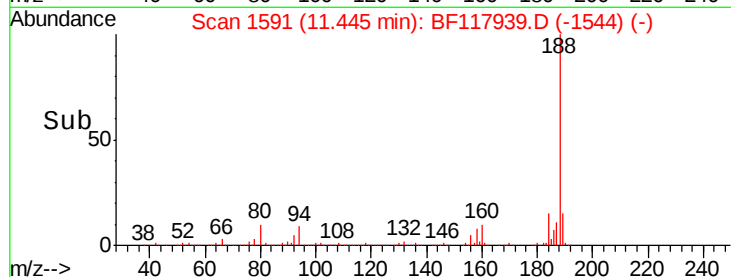
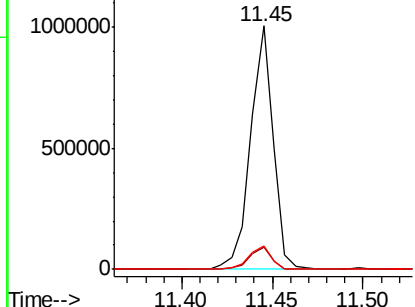
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117939.D
Acq: 23 Nov 2019 00:57

Instrument :
BNA_F
ClientSampled :
OR-02-112119

Tot Ion:188 Resp: 869918
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.6 7.2 10.8

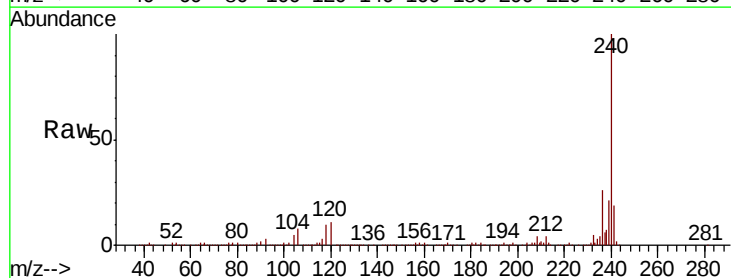


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

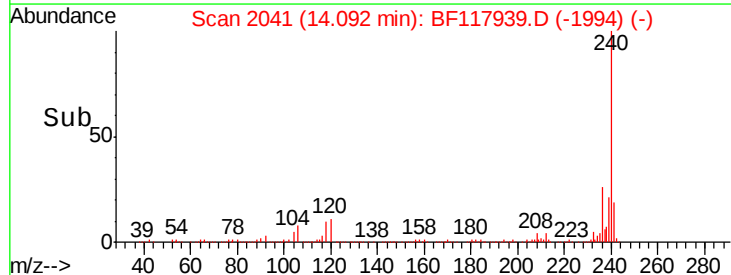
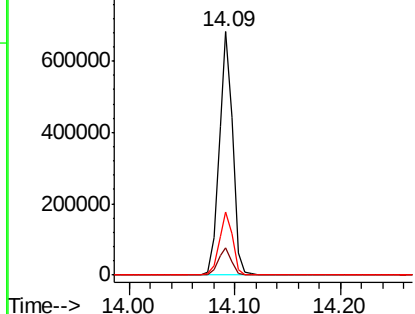


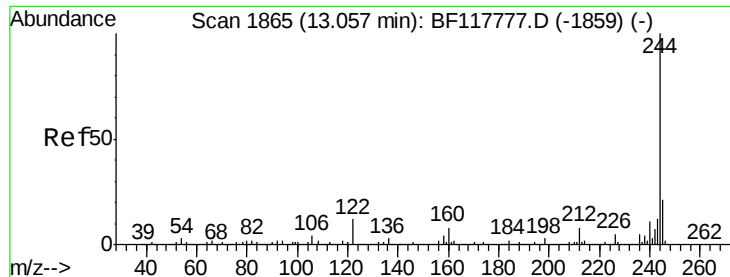
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117939.D
Acq: 23 Nov 2019 00:57

Tgt Ion:240 Resp: 614045
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.0 21.3 31.9



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: 81.936 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117939.D

Acq: 23 Nov 2019 00:57

Instrument :

BNA_F

ClientSampleId :

OR-02-112119

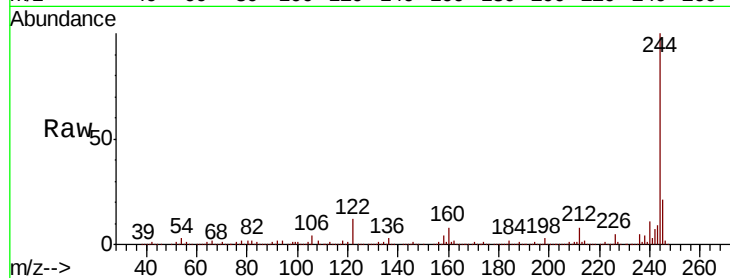
Tot Ion:244 Resp: 2752902

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

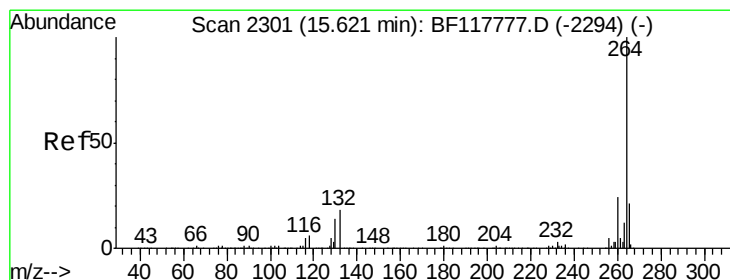
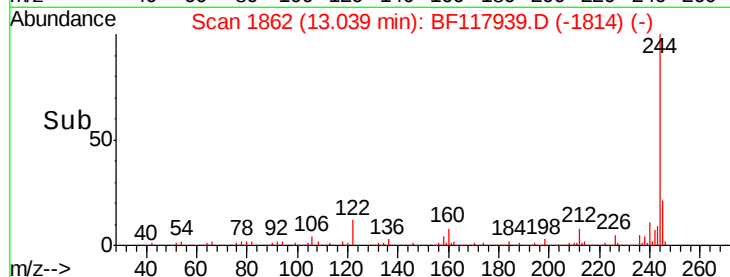
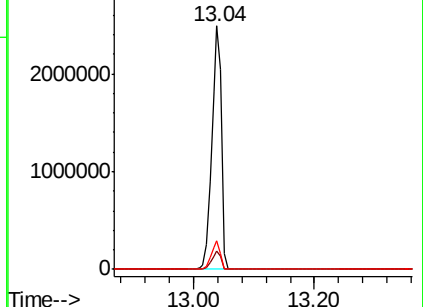
122 11.6 9.4 14.2



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: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117939.D

Acq: 23 Nov 2019 00:57

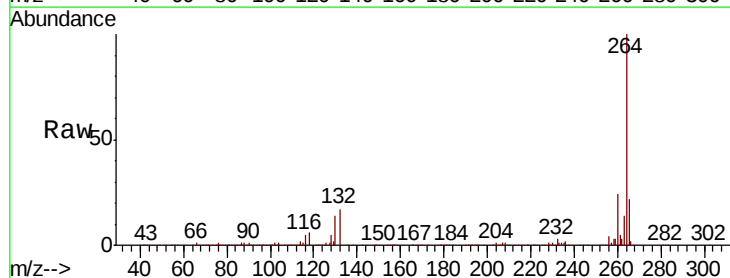
Tgt Ion:264 Resp: 566626

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.3 17.1 25.7



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

