

Data File : BF118640.D
Acq On : 21 Jan 2020 18:39
Operator : CG/JU
Sample : L1205-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-4

Quant Time: Jan 22 04:18:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

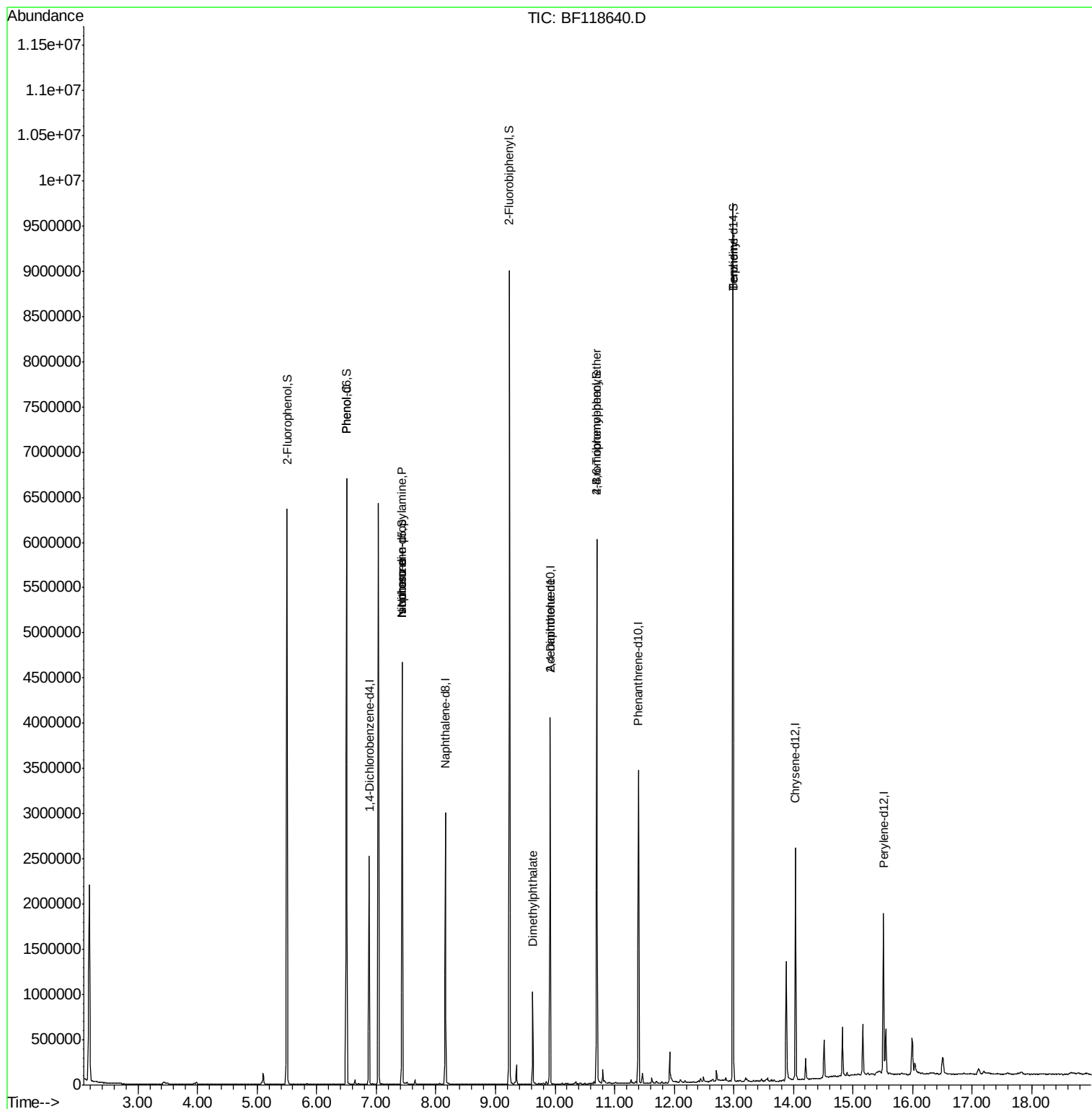
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	379581	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1386928	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	766203	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1357565	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	802011	20.00	ng	-0.01
87) Perylene-d12	15.51	264	826394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1947684	95.30	ng	0.00
7) Phenol-d6	6.50	99	2497084	94.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	1602697	64.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	814071	91.86	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3075214	65.97	ng	0.00
79) Terphenyl-d14	12.99	244	3342934	90.91	ng	0.00
Target Compounds						
10) Phenol	6.51	94	67320	2.224	ng	# 63
19) n-Nitroso-di-n-propylamine	7.43	70	220150	12.274	ng	# 79
25) Isophorone	7.43	82	1602680	35.437	ng	# 64
50) Dimethylphthalate	9.63	163	396629	7.945	ng	# 96
57) 2,4-Dinitrotoluene	9.92	165	102201	7.253	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	51727	3.084	ng	# 1
77) Benzidine	12.99	184	43659	2.037	ng	# 94

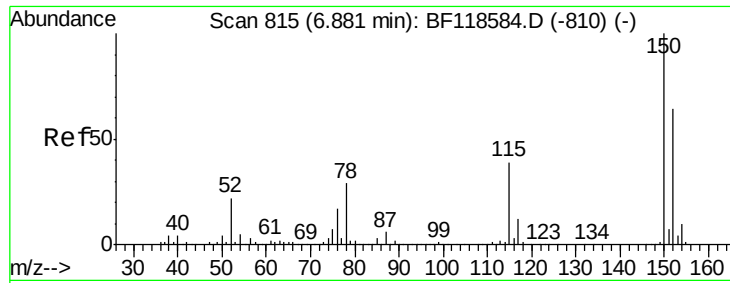
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF118640.D
Acq On : 21 Jan 2020 18:39
Operator : CG/JU
Sample : L1205-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-4

Quant Time: Jan 22 04:18:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



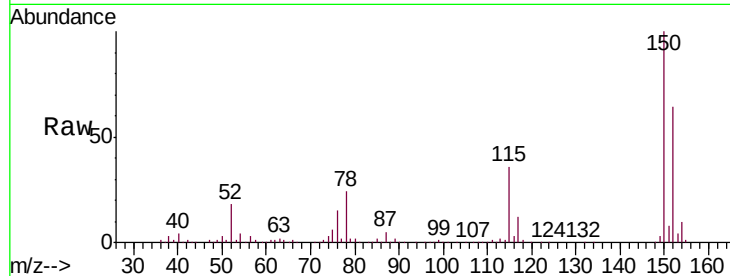


#1

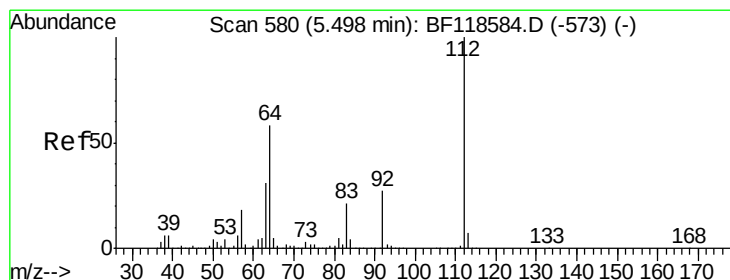
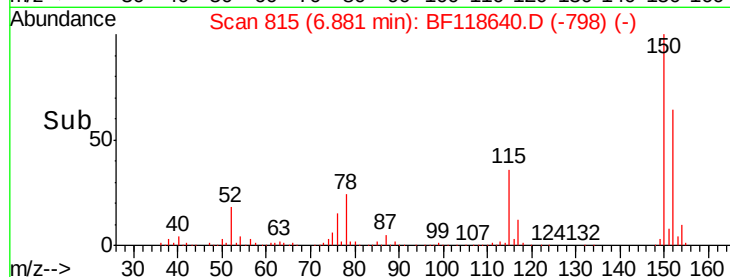
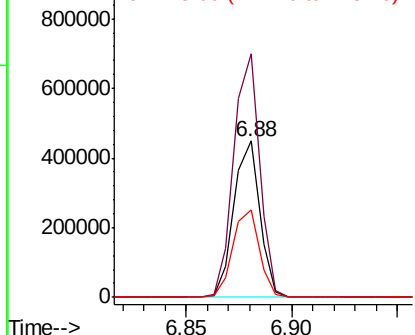
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Instrument :
BNA_F
ClientSampleId :
EP-4

Tgt Ion:152 Resp: 379581
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 56.0 48.4 72.6



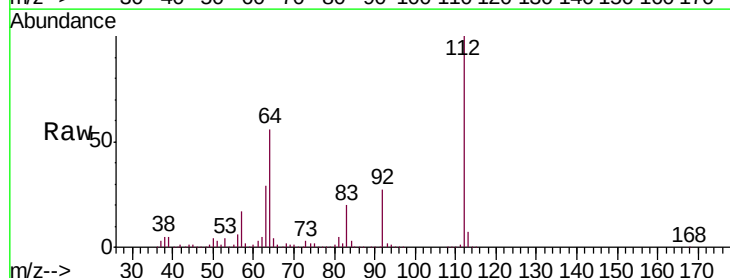
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



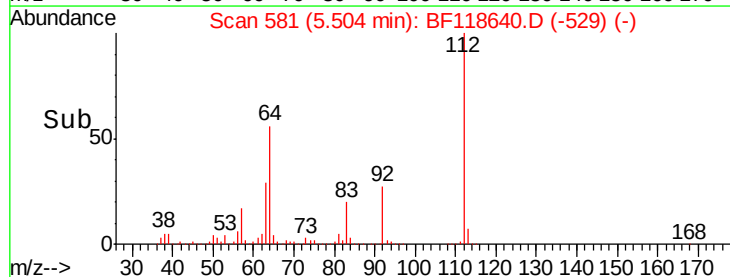
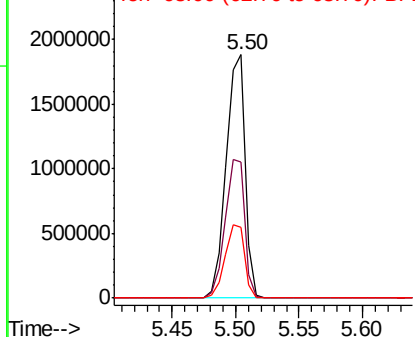
#5

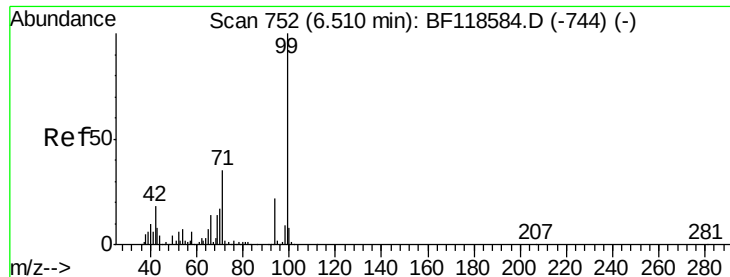
2-Fluorophenol
Concen: 95.298 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion:112 Resp: 1947684
Ion Ratio Lower Upper
112 100
64 55.8 46.6 70.0
63 29.1 25.1 37.7



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: 94.003 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

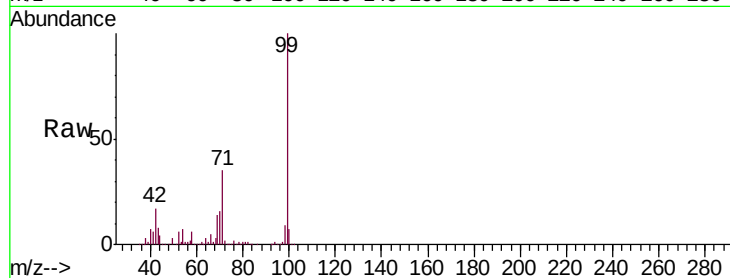
Tgt Ion: 99 Resp: 2497084

Ion Ratio Lower Upper

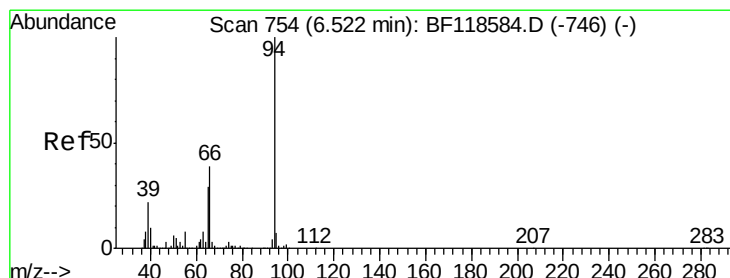
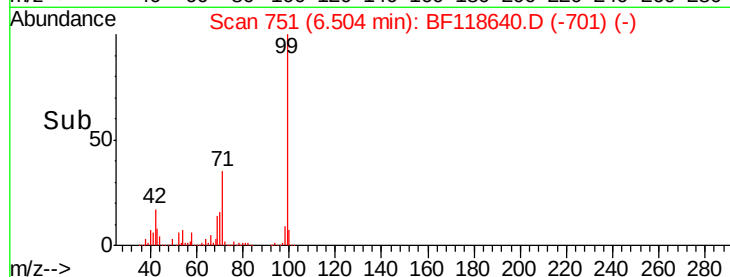
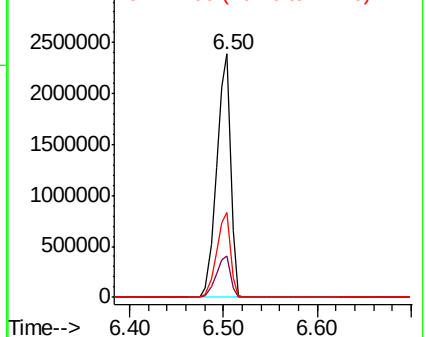
99 100

42 16.9 14.2 21.2

71 34.8 27.8 41.6



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: 2.224 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

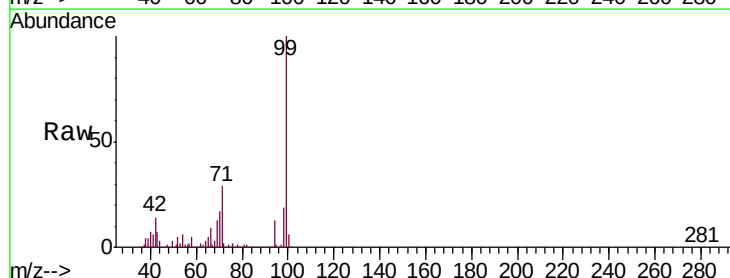
Tgt Ion: 94 Resp: 67320

Ion Ratio Lower Upper

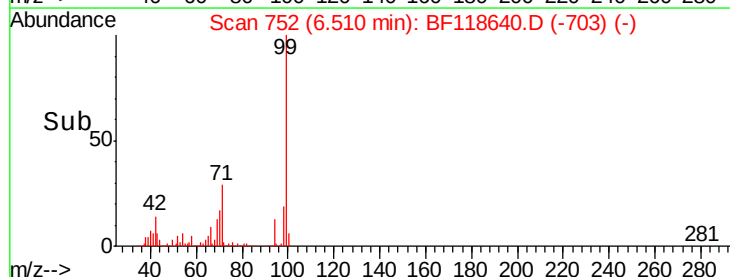
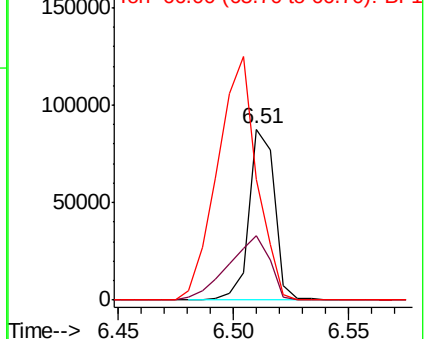
94 100

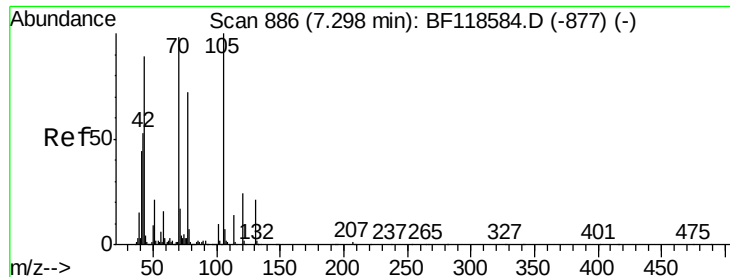
65 37.5 9.5 49.5

66 71.0 18.5 58.5#



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

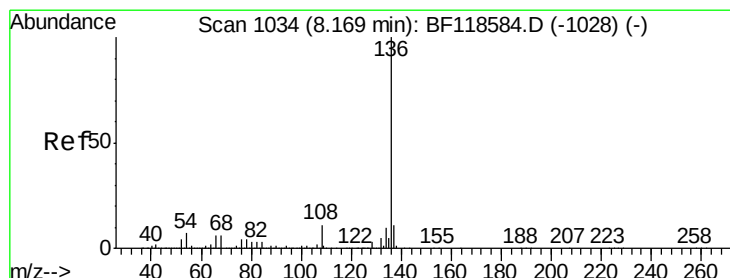
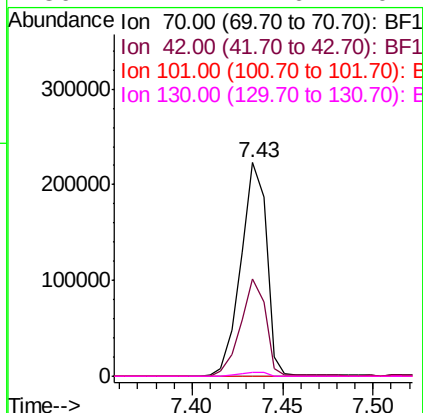
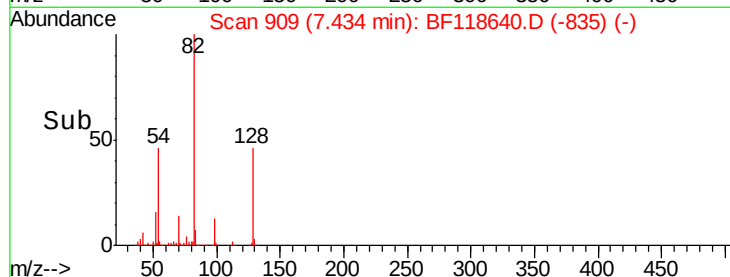
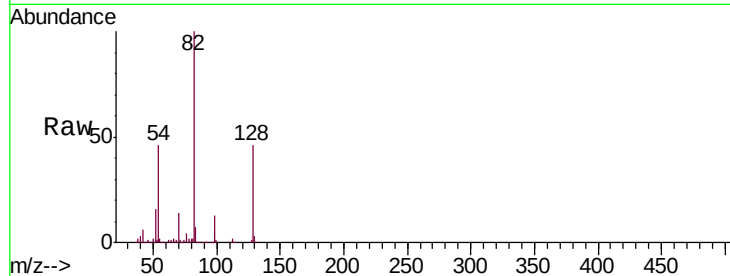




#19
n-Nitroso-di-n-propylamine
Concen: 12.274 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

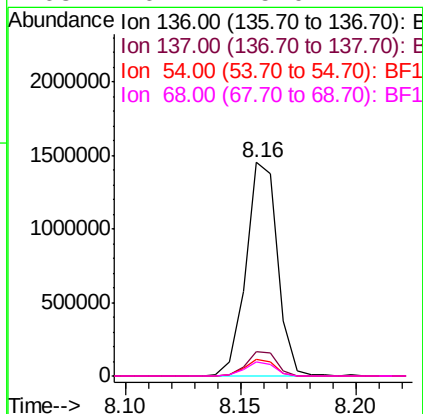
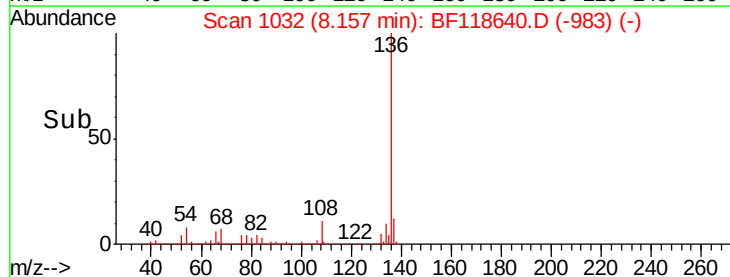
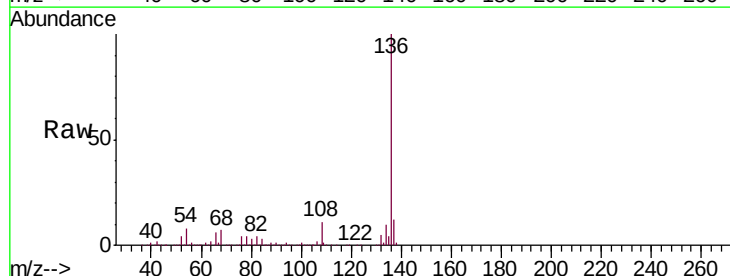
Instrument :
BNA_F
ClientSampleId :
EP-4

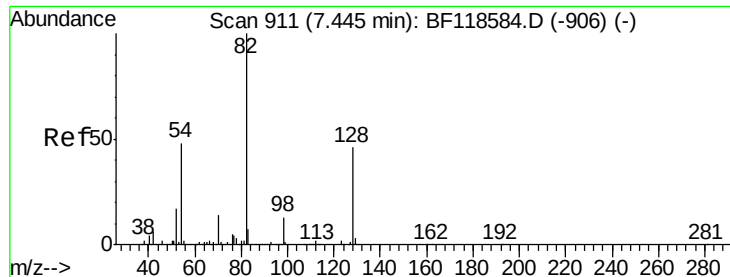
Tgt Ion: 70 Resp: 220150
Ion Ratio Lower Upper
70 100
42 45.8 43.4 65.0
101 0.0 8.1 12.1#
130 2.1 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion: 136 Resp: 1386928
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.9 5.8 8.6
68 6.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 64.636 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

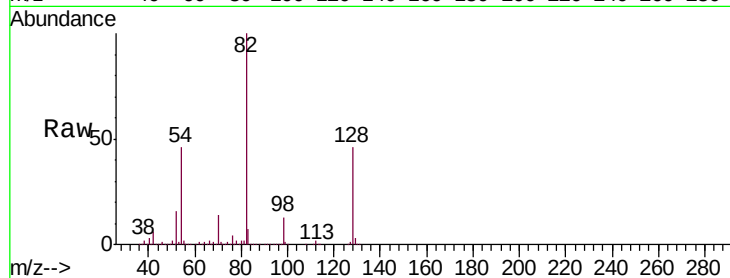
Tgt Ion: 82 Resp: 1602697

Ion Ratio Lower Upper

82 100

128 45.6 36.6 54.8

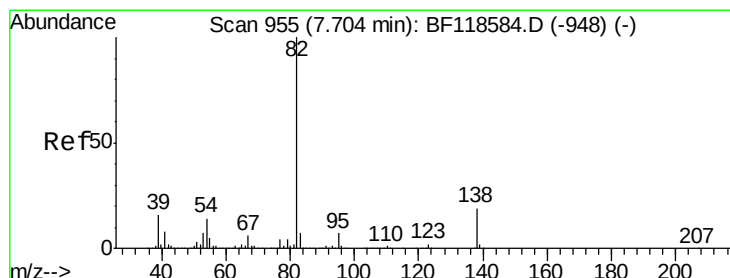
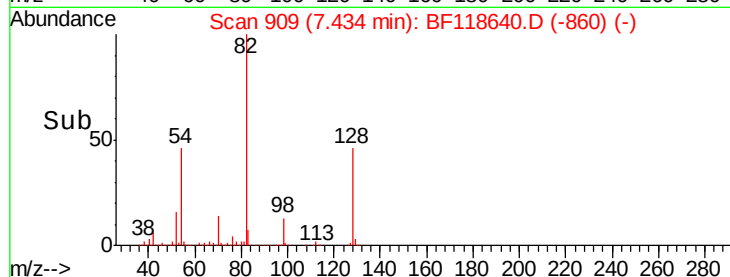
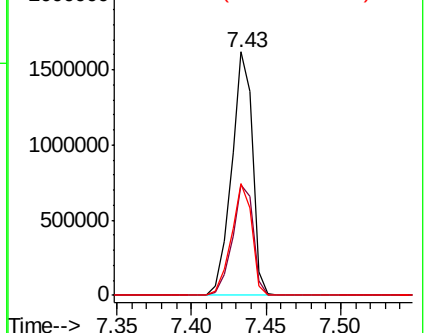
54 46.1 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 35.437 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

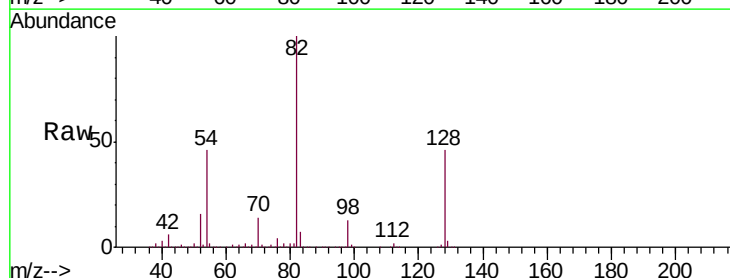
Tgt Ion: 82 Resp: 1602680

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

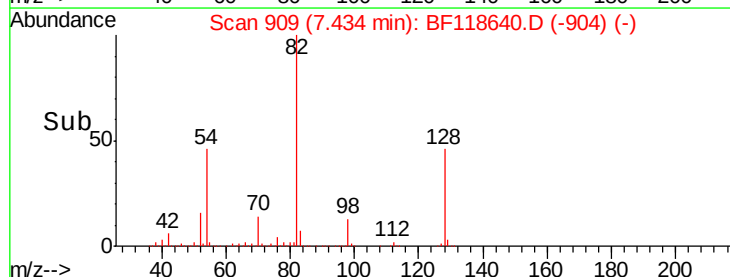
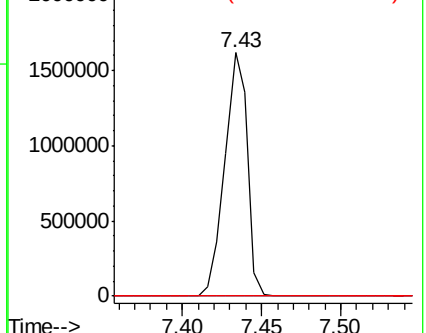
138 0.0 15.3 22.9#

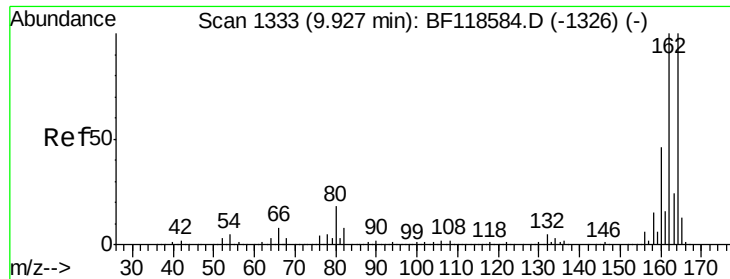


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

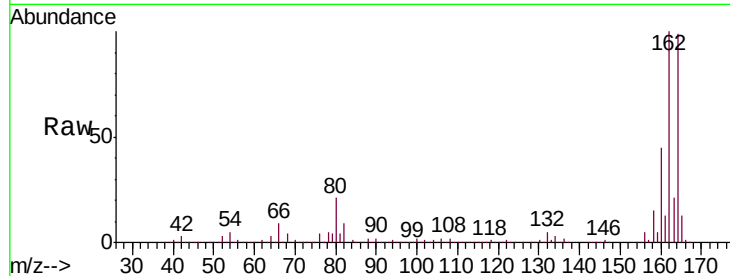




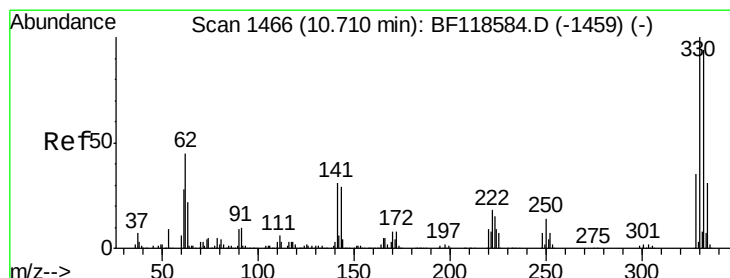
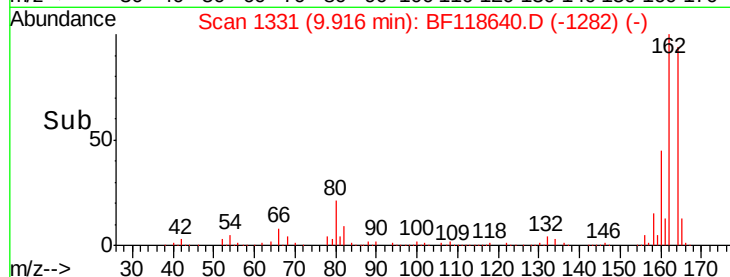
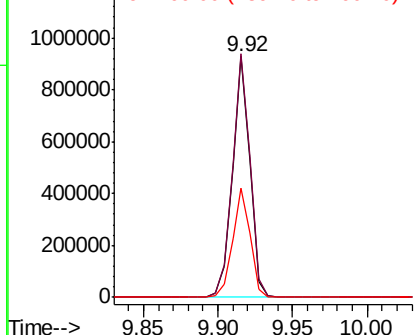
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Instrument :
BNA_F
ClientSampleId :
EP-4

Tgt Ion:164 Resp: 766203
Ion Ratio Lower Upper
164 100
162 101.2 80.4 120.6
160 45.7 36.6 55.0

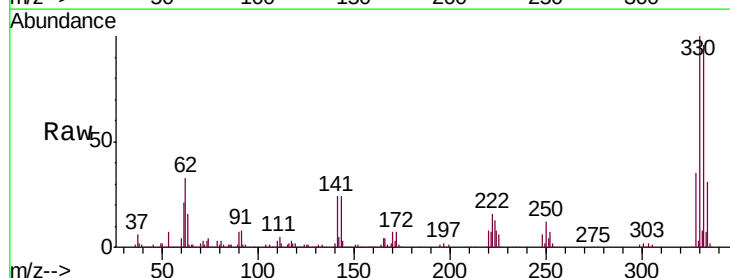


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

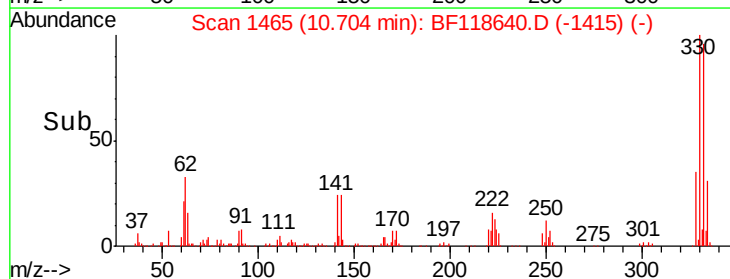
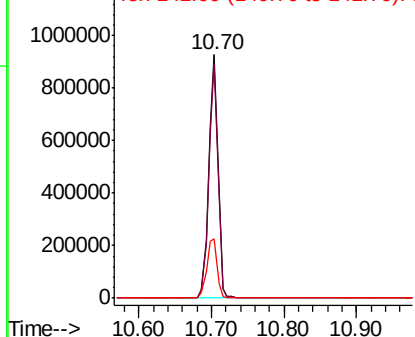


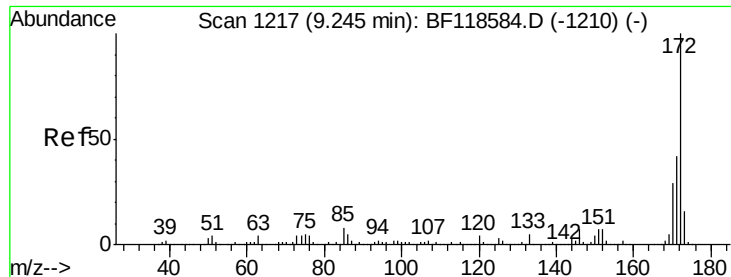
#42
2,4,6-Tribromophenol
Concen: 91.860 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion:330 Resp: 814071
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 27.5 23.9 35.9



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

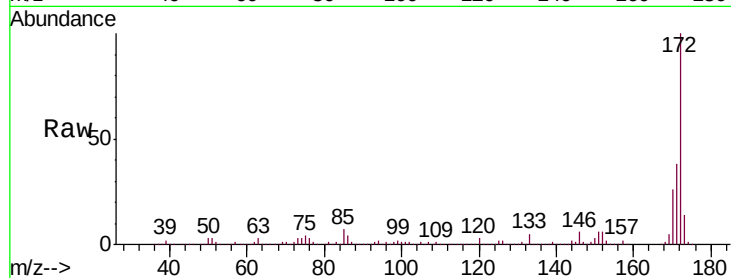




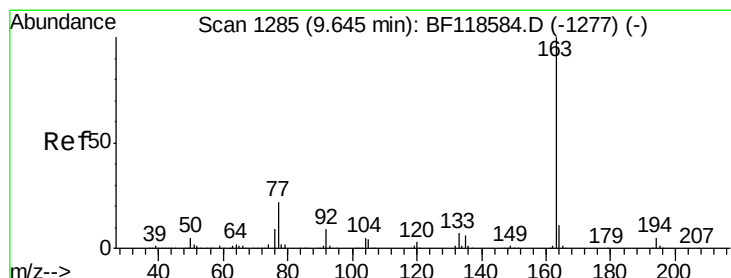
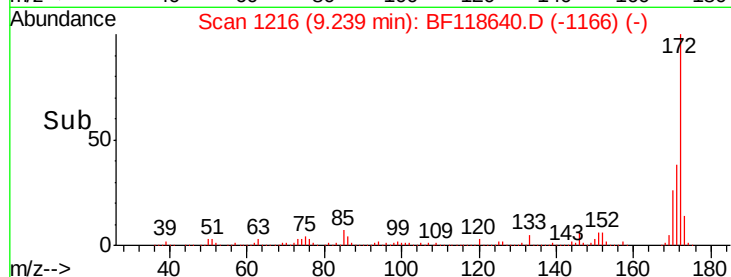
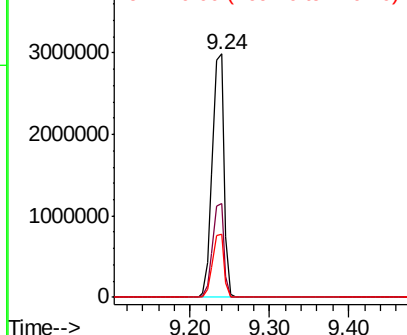
#45
 2-Fluorobiphenyl
 Concen: 65.968 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118640.D
 Acq: 21 Jan 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 EP-4

Tgt Ion:172 Resp: 3075214
 Ion Ratio Lower Upper
 172 100
 171 38.4 33.4 50.2
 170 25.9 23.2 34.8

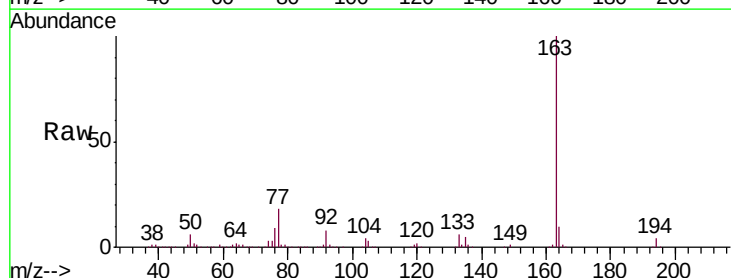


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

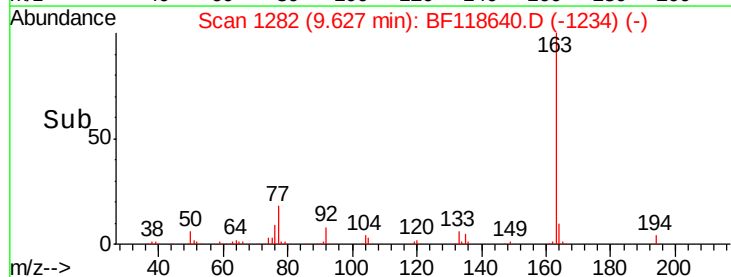
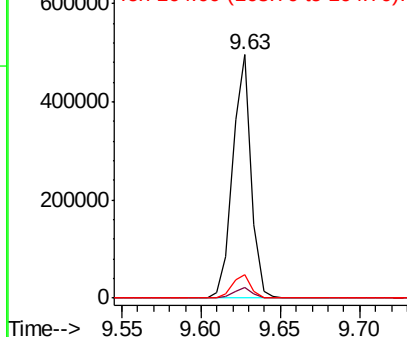


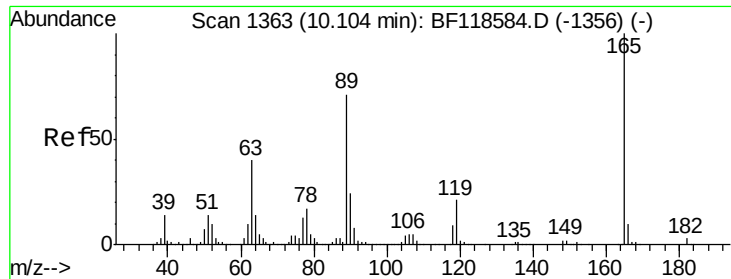
#50
 Dimethylphthalate
 Concen: 7.945 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118640.D
 Acq: 21 Jan 2020 18:39

Tgt Ion:163 Resp: 396629
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.9 5.9
 164 9.7 9.1 13.7



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

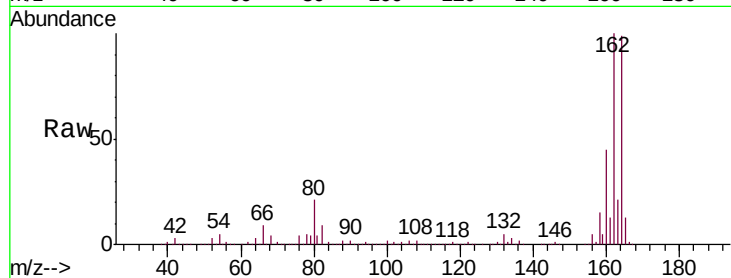




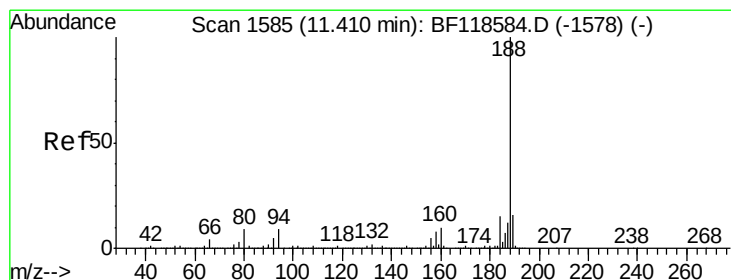
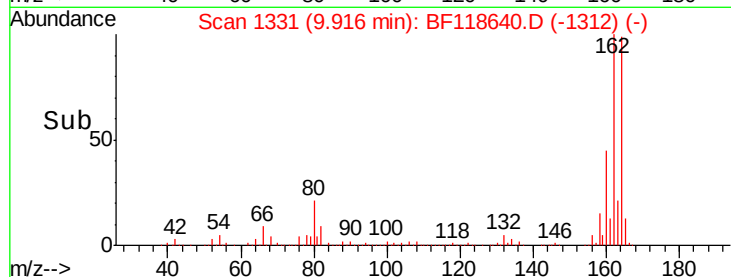
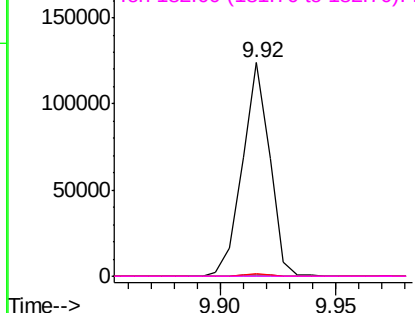
#57
 2,4-Dinitrotoluene
 Concen: 7.253 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118640.D
 Acq: 21 Jan 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :
 EP-4

Tgt Ion:	165	Resp:	102201
Ion	Ratio	Lower	Upper
165	100		
63	0.9	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#

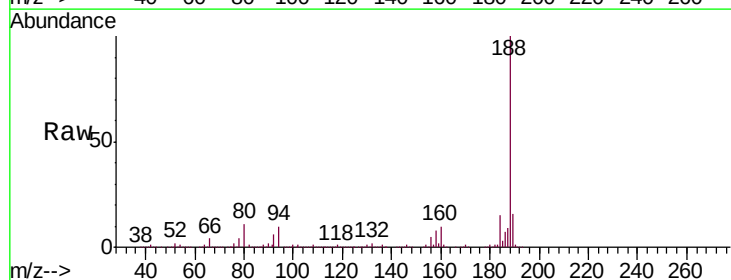


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

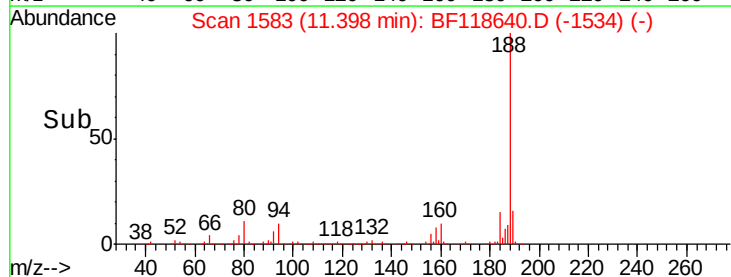
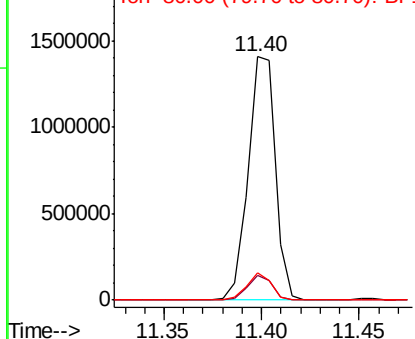


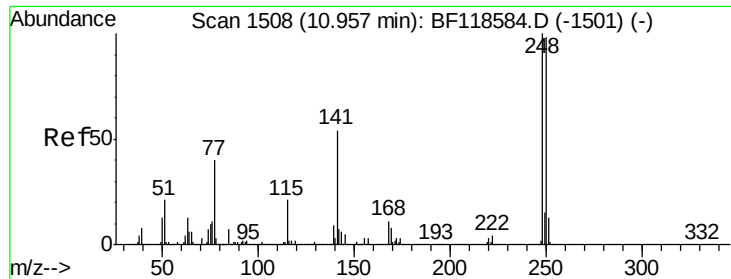
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118640.D
 Acq: 21 Jan 2020 18:39

Tgt Ion:	188	Resp:	1357565
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.1	10.7
80	11.1	7.5	11.3



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

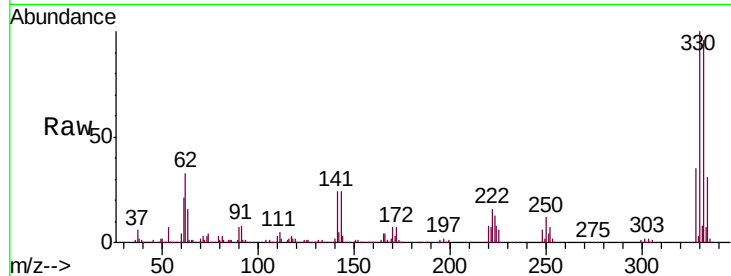




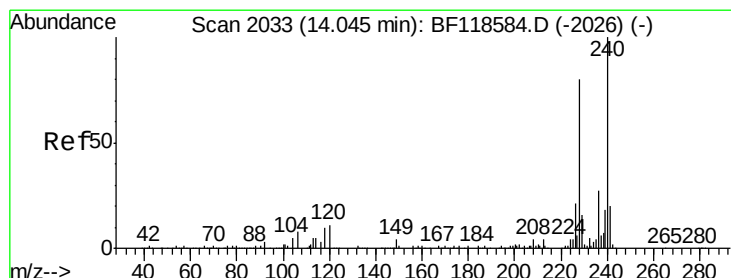
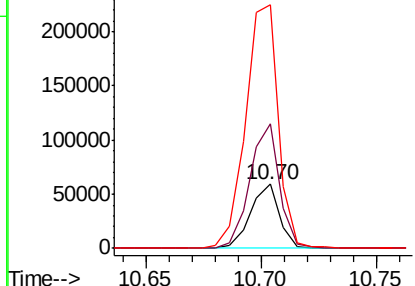
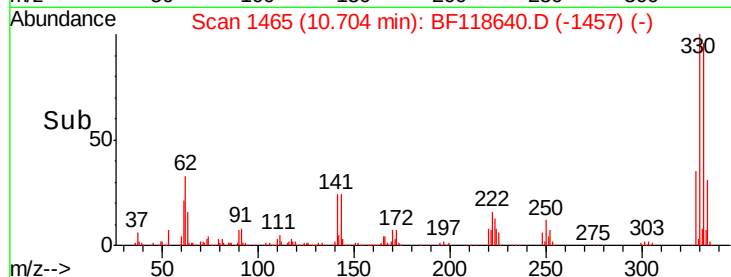
#67
4-Bromophenyl-phenylether
Concen: 3.084 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Instrument :
BNA_F
ClientSampleId :
EP-4

Tgt Ion:248 Resp: 51727
Ion Ratio Lower Upper
248 100
250 193.1 78.7 118.1#
141 378.3 43.2 64.8#

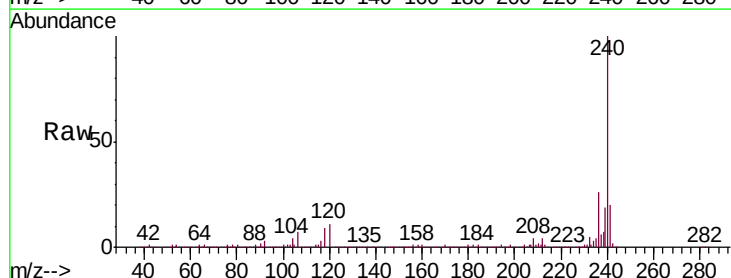


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

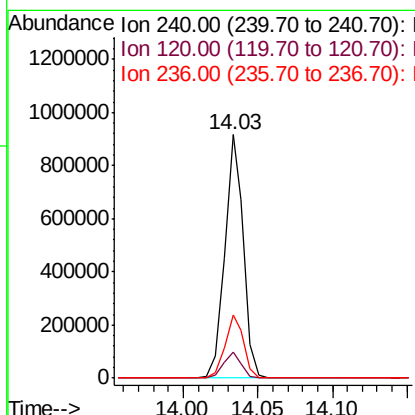
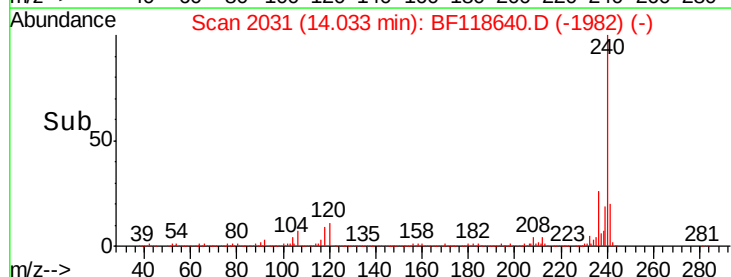


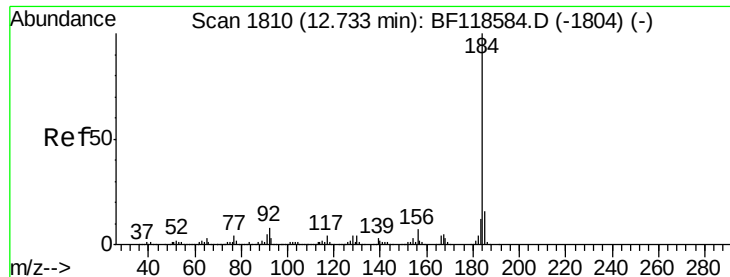
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion:240 Resp: 802011
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.0 21.5 32.3



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





#77

Benzidine

Concen: 2.037 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.25 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

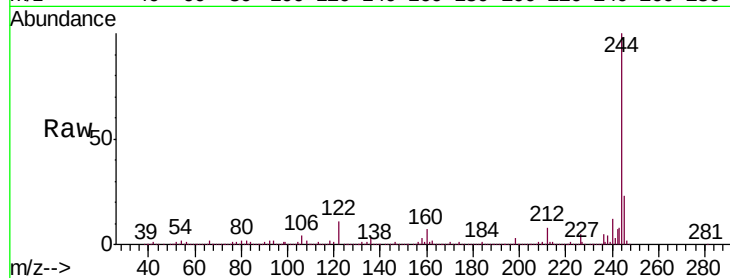
Tgt Ion:184 Resp: 43659

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

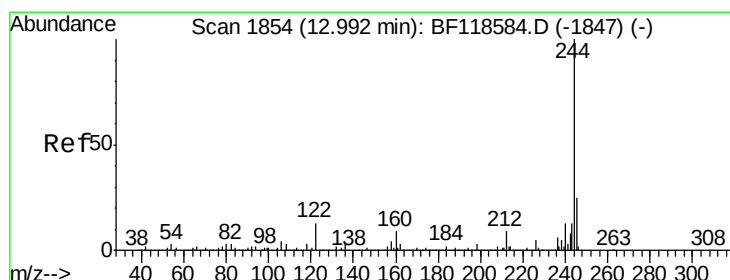
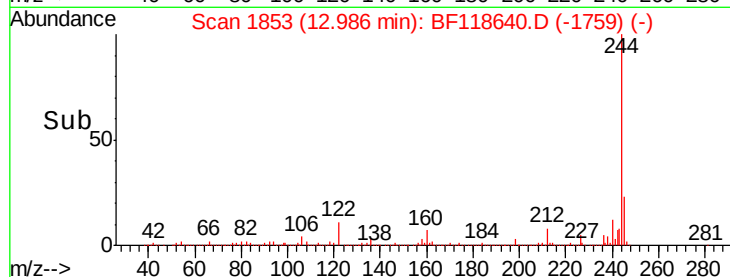
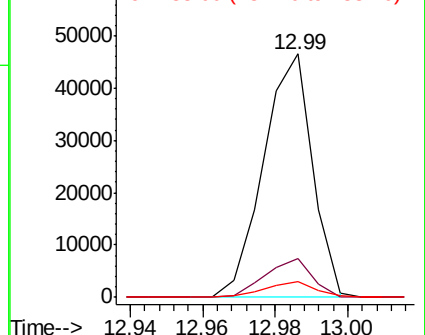
183 6.6 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.912 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

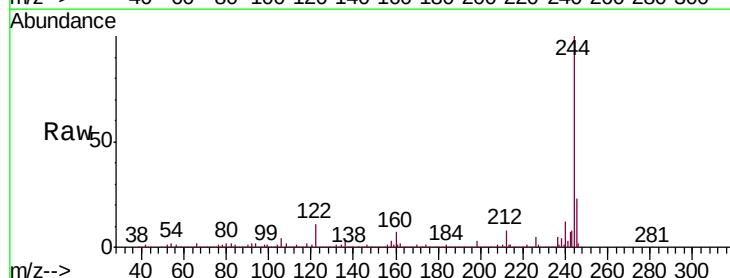
Tgt Ion:244 Resp: 3342934

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

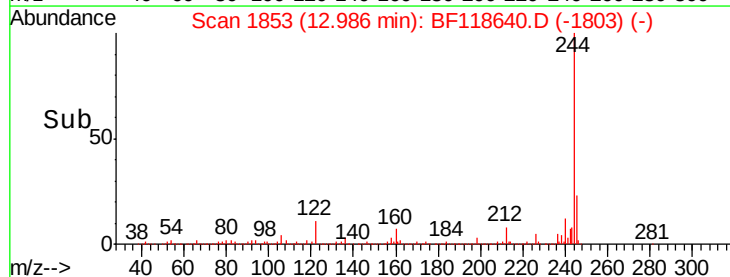
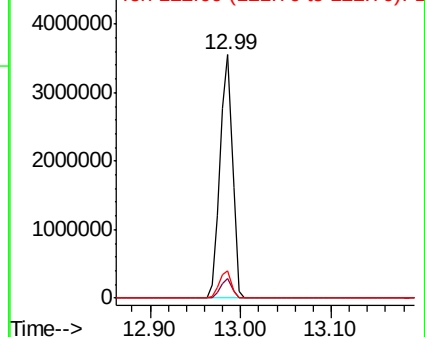
122 11.1 10.7 16.1

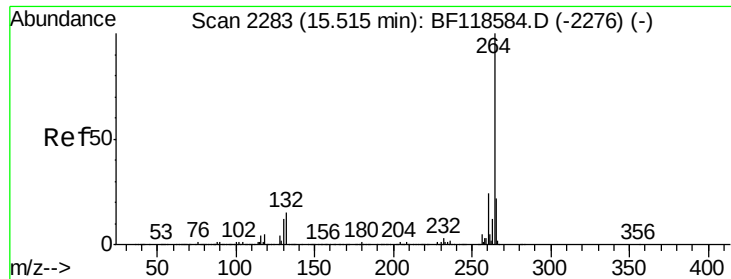


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Instrument :
BNA_F
ClientSampleId :
EP-4

Tgt Ion: 264 Resp: 826394
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.5 17.7 26.5

