

Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1

Quant Time: Jan 22 04:18:21 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	372019	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1388221	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	786472	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1451883	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1073251	20.00	ng	-0.01
87) Perylene-d12	15.51	264	954791	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1950426	97.37	ng	0.00
7) Phenol-d6	6.50	99	2447472	94.01	ng	0.00
23) Nitrobenzene-d5	7.43	82	1577968	63.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	863027	94.87	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3047115	63.68	ng	0.00
79) Terphenyl-d14	12.99	244	3829238	77.82	ng	0.00

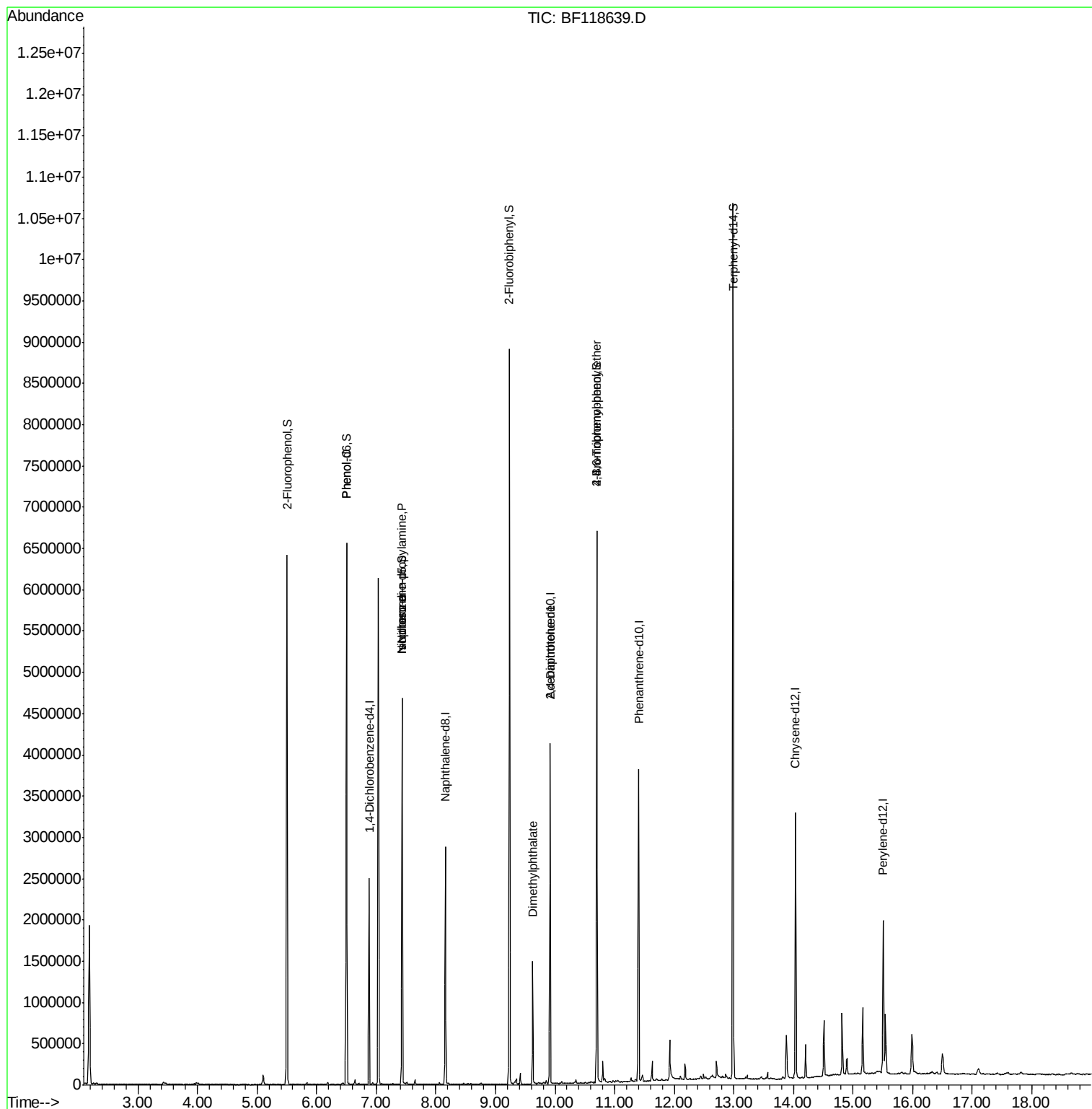
Target Compounds				Qvalue		
10) Phenol	6.51	94	89520	3.017	ng	# 77
19) n-Nitroso-di-n-propylamine	7.43	70	220311	12.532	ng	# 76
25) Isophorone	7.43	82	1577951	34.858	ng	# 64
50) Dimethylphthalate	9.63	163	582191	11.362	ng	97
57) 2,4-Dinitrotoluene	9.92	165	104333	7.213	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	54382	3.032	ng	# 1

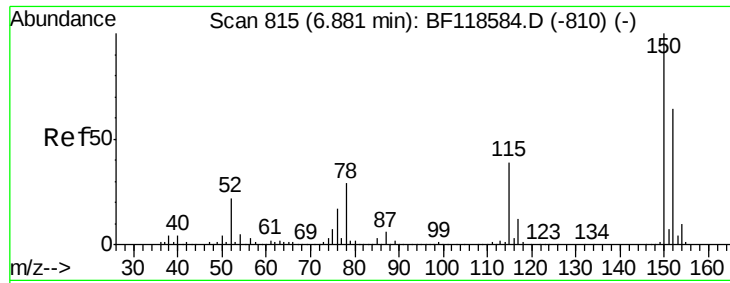
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF118639.D
Acq On : 21 Jan 2020 18:05
Operator : CG/JU
Sample : L1205-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-1

Quant Time: Jan 22 04:18:21 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

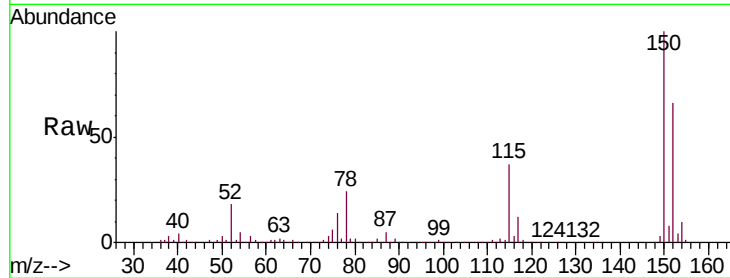




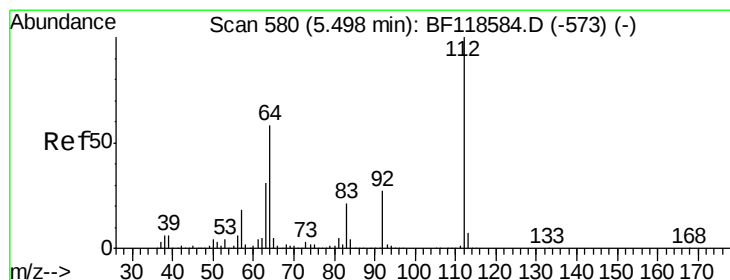
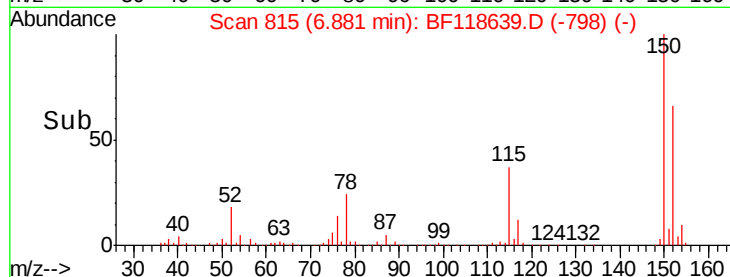
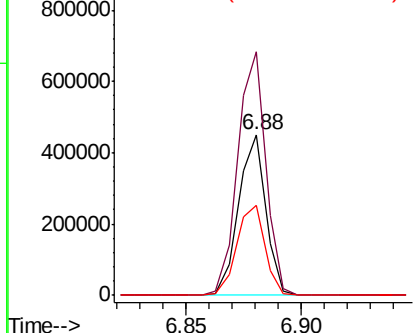
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118639.D
 Acq: 21 Jan 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Tgt Ion:152 Resp: 372019
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.6 188.4
 115 55.8 48.4 72.6

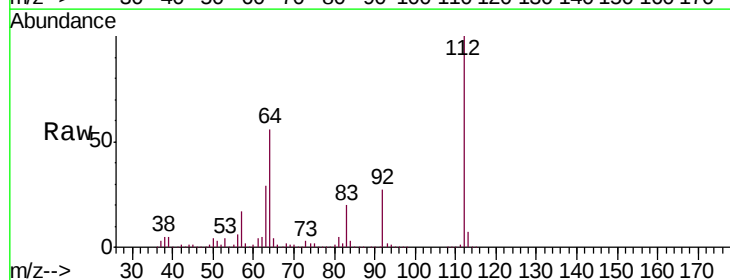


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

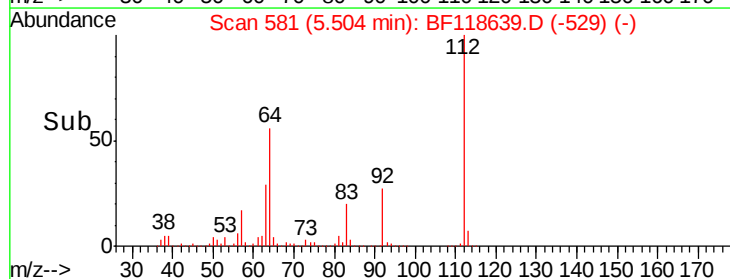
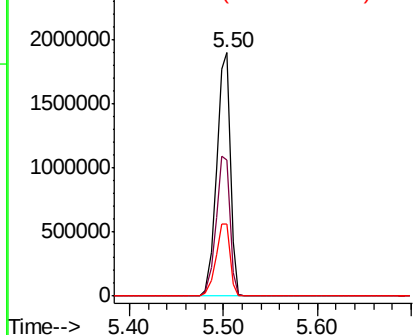


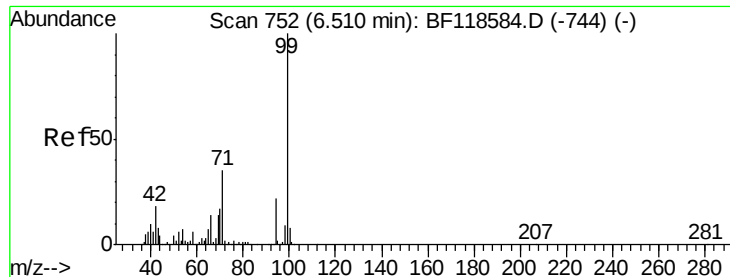
#5
 2-Fluorophenol
 Concen: 97.372 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118639.D
 Acq: 21 Jan 2020 18:05

Tgt Ion:112 Resp: 1950426
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.6 70.0
 63 29.5 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: 94.008 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118639.D

Acq: 21 Jan 2020 18:05

Instrument :

BNA_F

ClientSampleId :

EP-1

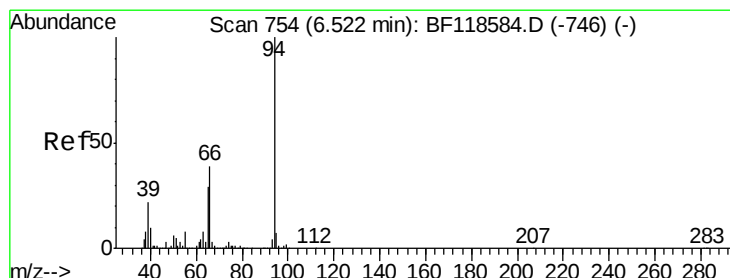
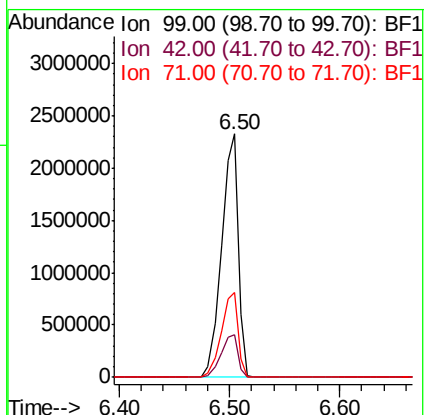
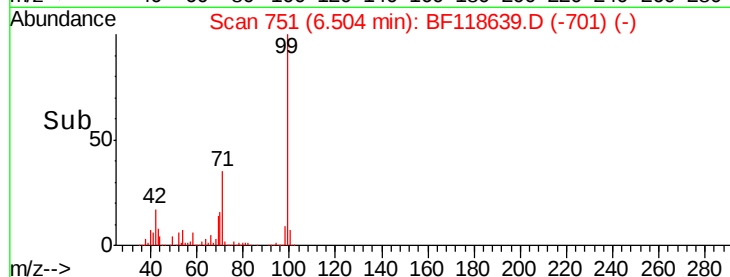
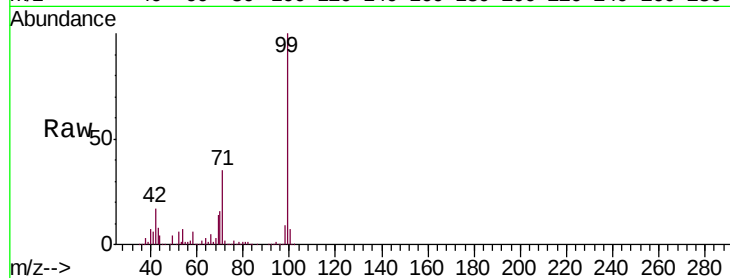
Tgt Ion: 99 Resp: 2447472

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.2

71 34.8 27.8 41.6



#10

Phenol

Concen: 3.017 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118639.D

Acq: 21 Jan 2020 18:05

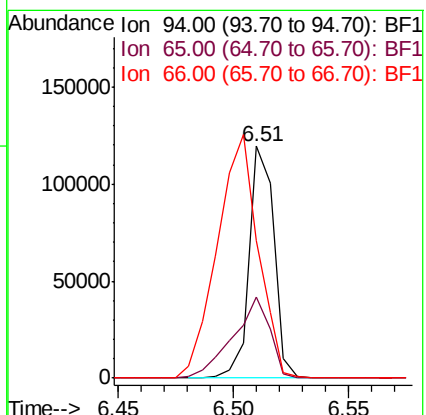
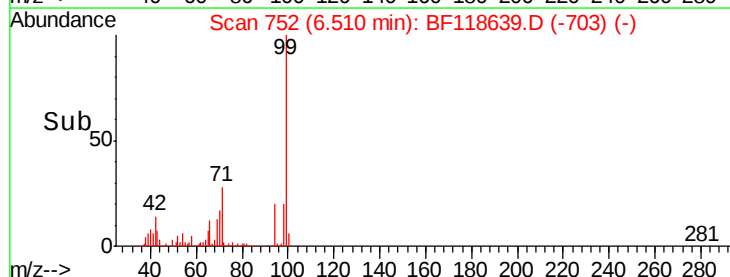
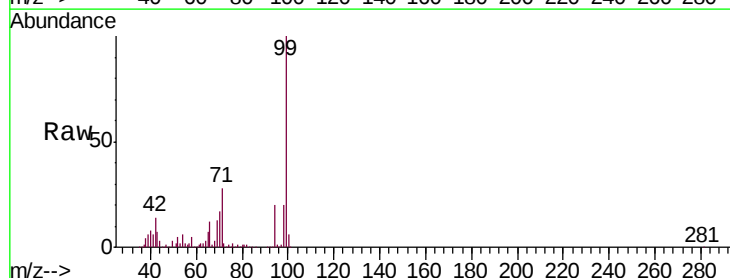
Tgt Ion: 94 Resp: 89520

Ion Ratio Lower Upper

94 100

65 34.7 9.5 49.5

66 58.9 18.5 58.5#

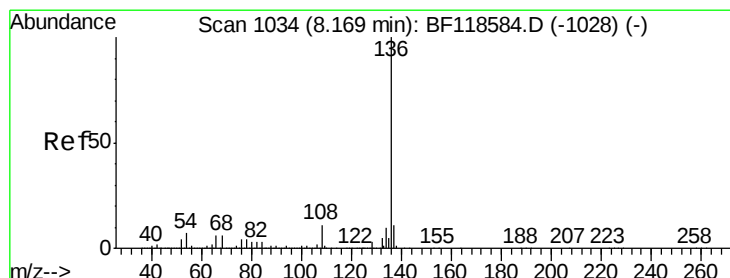
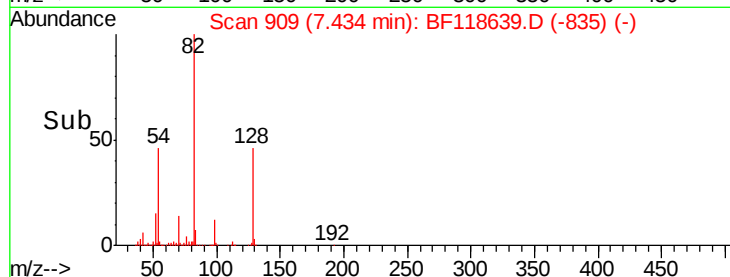
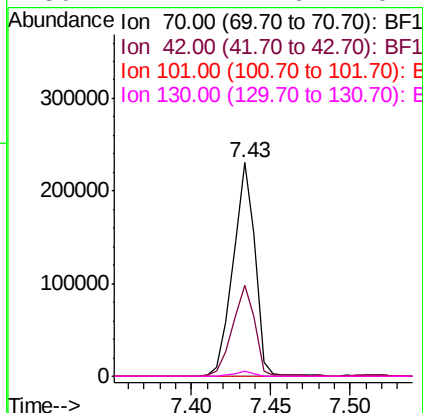
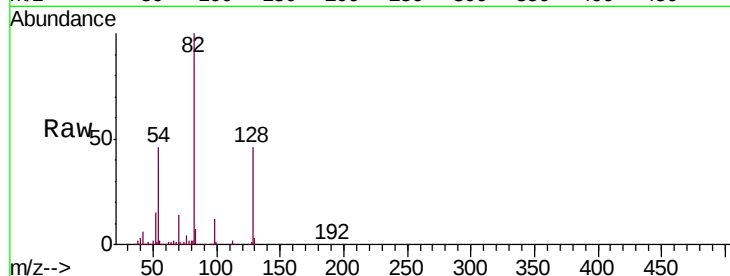




#19
n-Nitroso-di-n-propylamine
Concen: 12.532 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118639.D
Acq: 21 Jan 2020 18:05

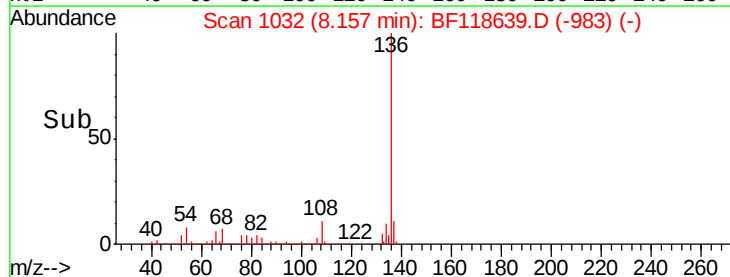
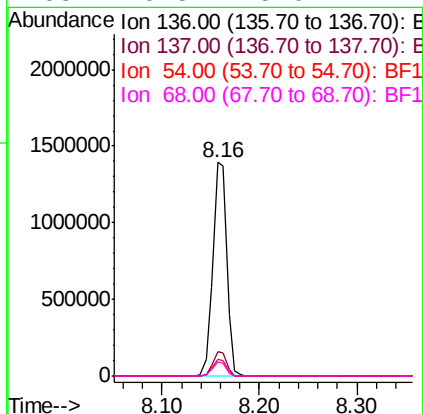
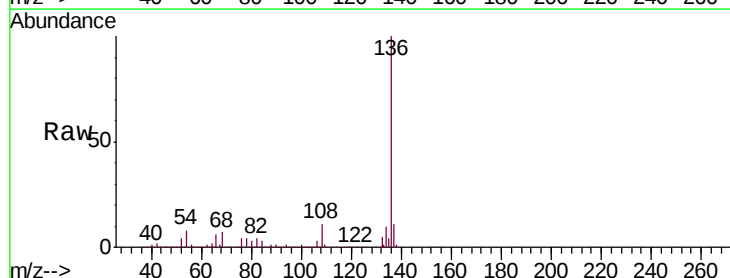
Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:	70	Resp:	220311
Ion	Ratio	Lower	Upper
70	100		
42	42.8	43.4	65.0#
101	0.0	8.1	12.1#
130	2.4	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: BF118639.D
Acq: 21 Jan 2020 18:05

Tgt Ion:	136	Resp:	1388221
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.8	5.8	8.6
68	6.8	5.0	7.4

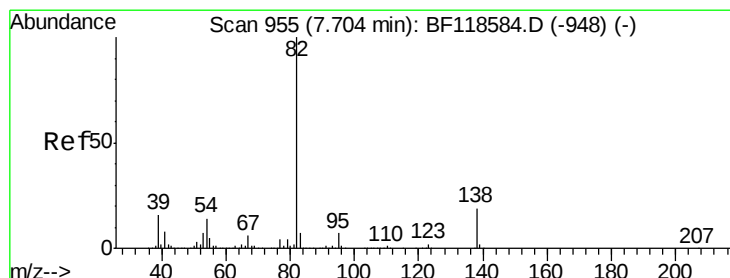
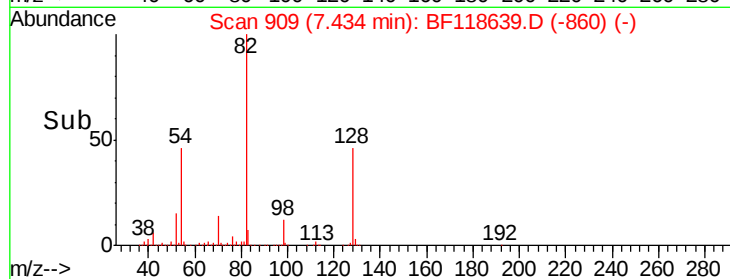
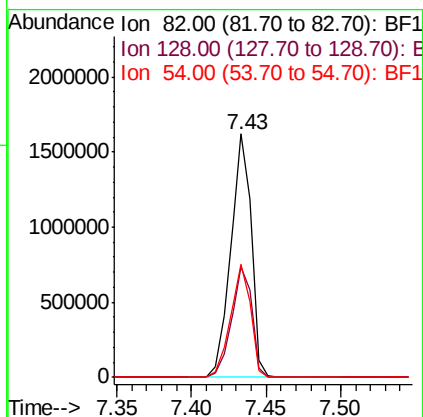
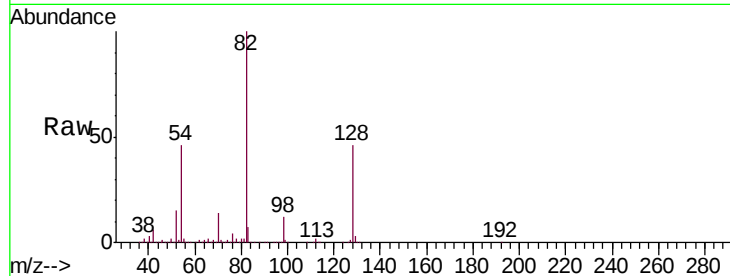




#23
 Nitrobenzene-d5
 Concen: 63.579 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118639.D
 Acq: 21 Jan 2020 18:05

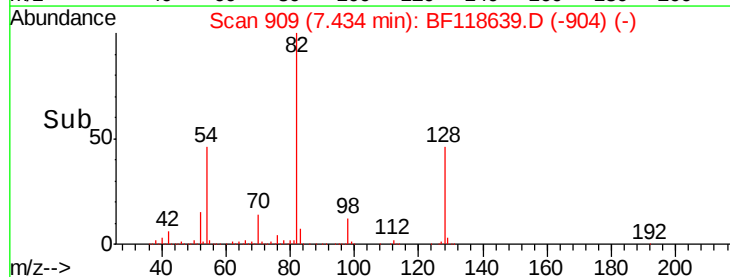
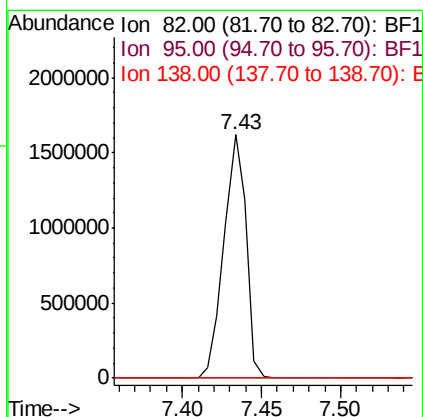
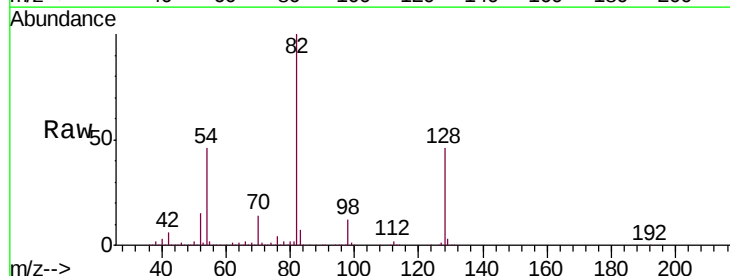
Instrument :
 BNA_F
 ClientSampleId :
 EP-1

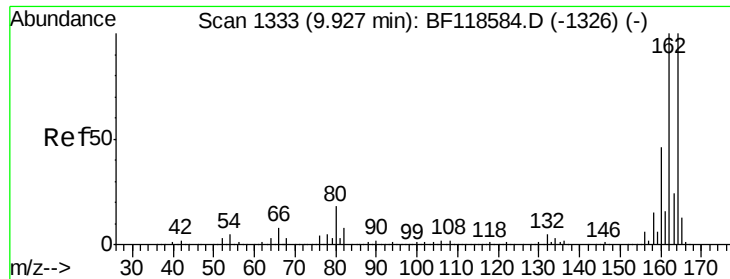
Tgt Ion: 82 Resp: 1577968
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.6 54.8
 54 46.2 38.0 57.0



#25
 Isophorone
 Concen: 34.858 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.27 min
 Lab File: BF118639.D
 Acq: 21 Jan 2020 18:05

Tgt Ion: 82 Resp: 1577951
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.9 8.9#
 138 0.0 15.3 22.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118639.D

Acq: 21 Jan 2020 18:05

Instrument :

BNA_F

ClientSampleId :

EP-1

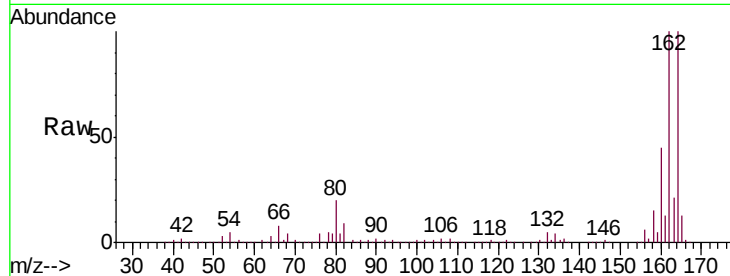
Tgt Ion:164 Resp: 786472

Ion Ratio Lower Upper

164 100

162 100.2 80.4 120.6

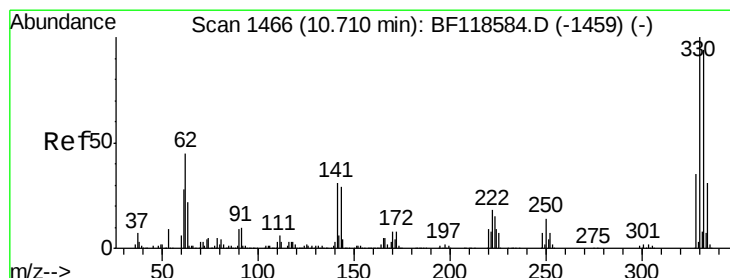
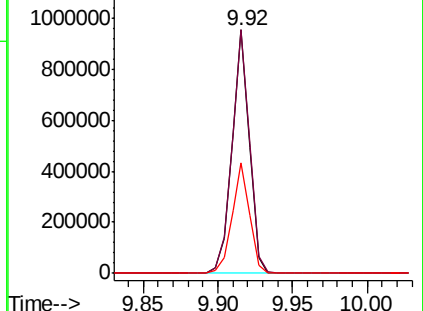
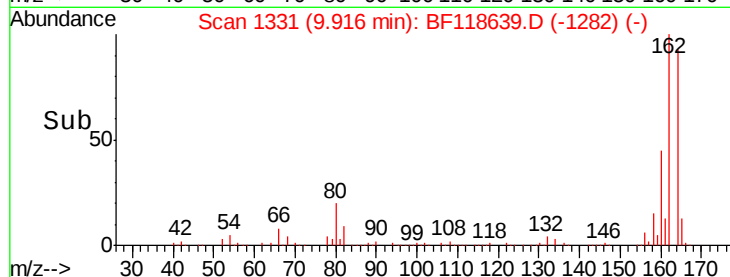
160 45.4 36.6 55.0



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: 94.874 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118639.D

Acq: 21 Jan 2020 18:05

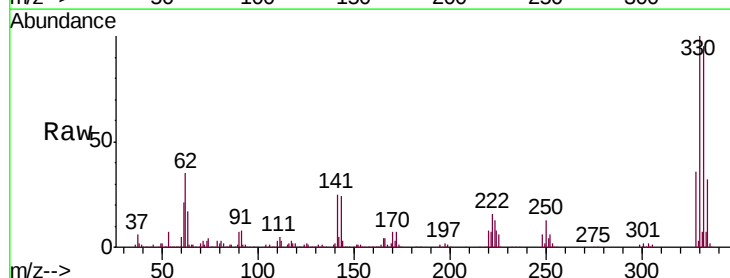
Tgt Ion:330 Resp: 863027

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

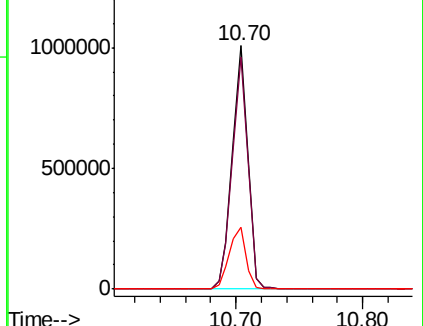
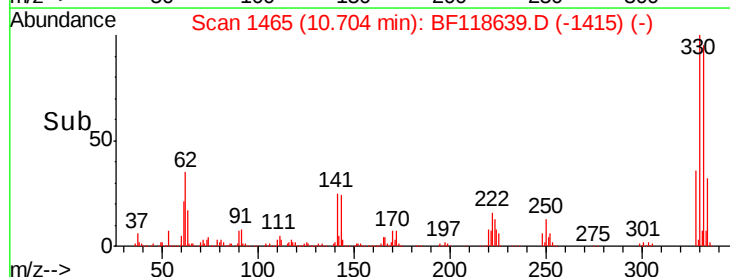
141 27.3 23.9 35.9

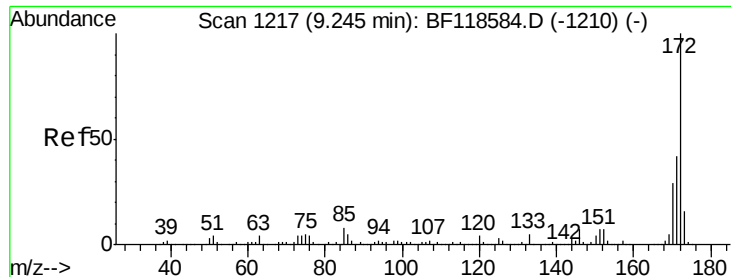


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

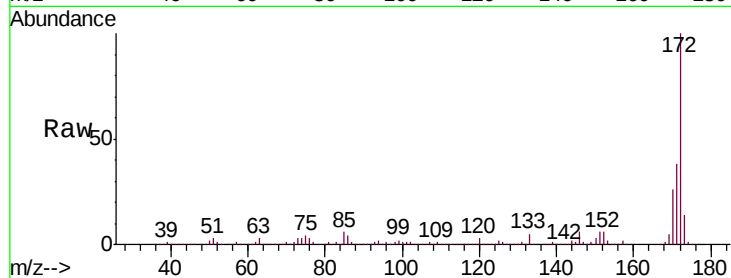




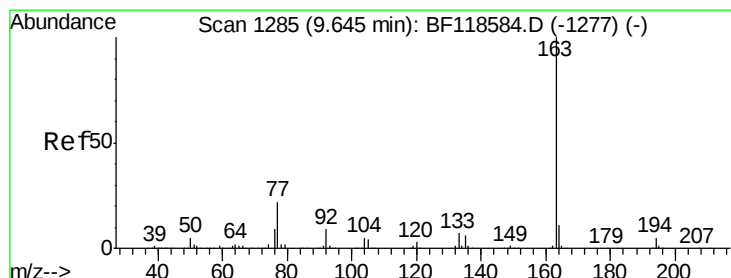
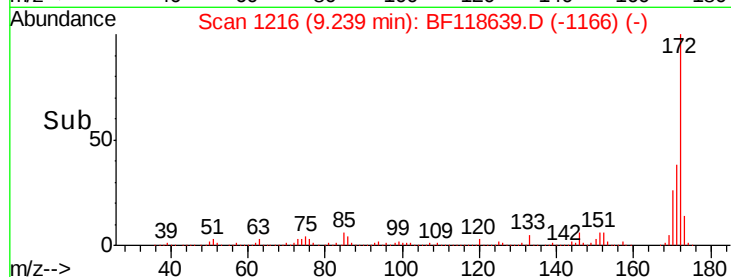
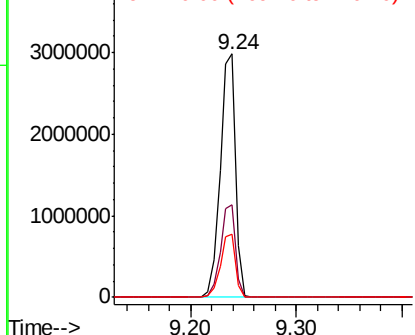
#45
2-Fluorobiphenyl
Concen: 63.680 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118639.D
Acq: 21 Jan 2020 18:05

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:172 Resp: 3047115
Ion Ratio Lower Upper
172 100
171 37.9 33.4 50.2
170 26.1 23.2 34.8

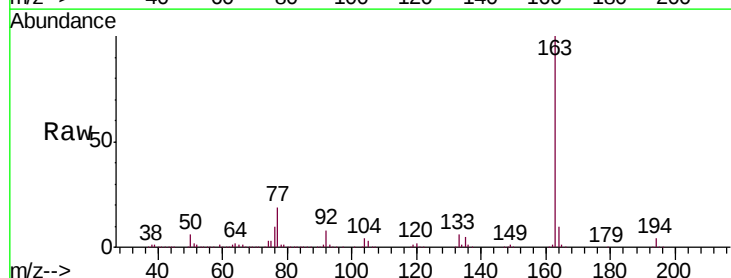


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

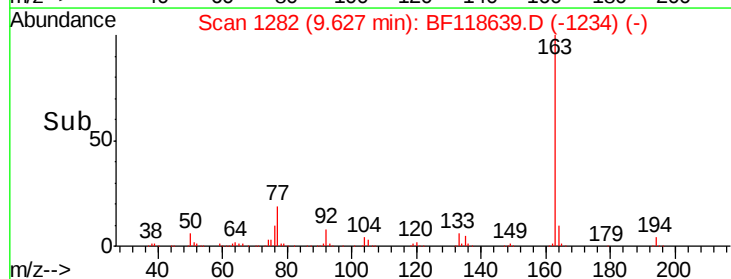
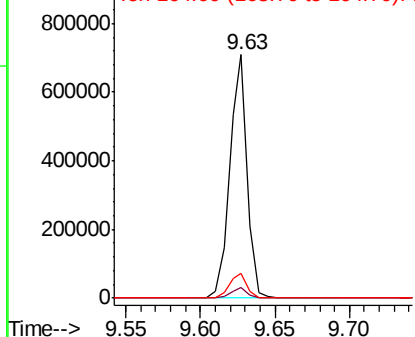


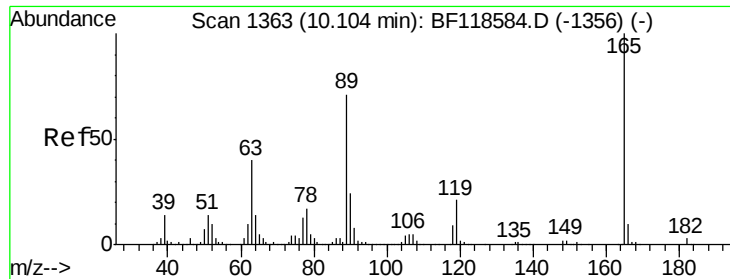
#50
Dimethylphthalate
Concen: 11.362 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118639.D
Acq: 21 Jan 2020 18:05

Tgt Ion:163 Resp: 582191
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 10.0 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

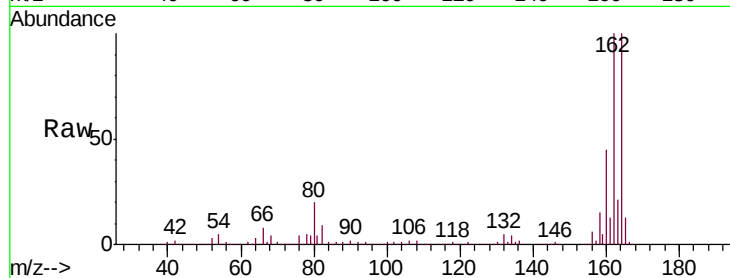




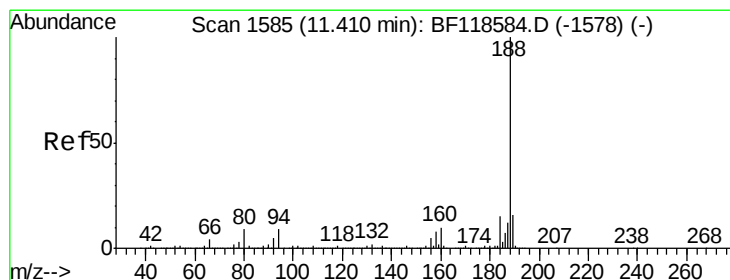
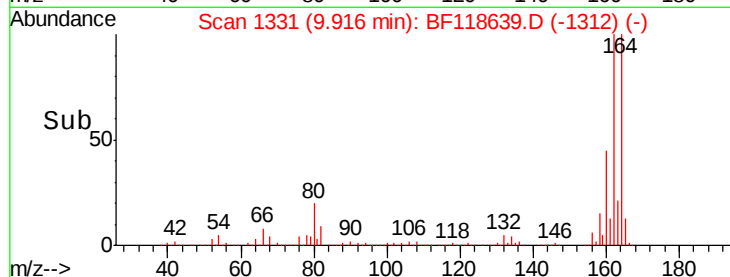
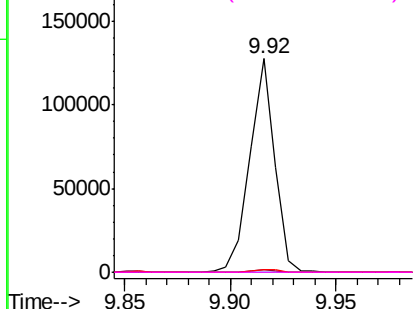
#57
 2,4-Dinitrotoluene
 Concen: 7.213 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118639.D
 Acq: 21 Jan 2020 18:05

Instrument :
 BNA_F
 ClientSampleId :
 EP-1

Tgt Ion:	165	Resp:	104333
Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#

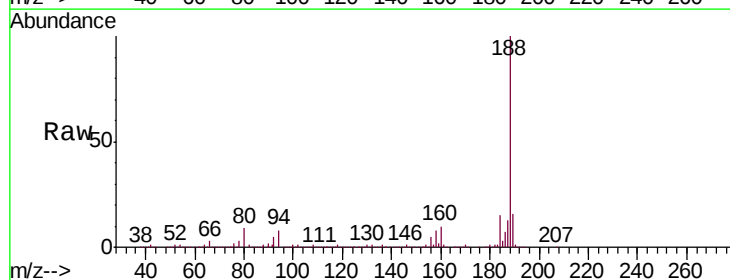


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

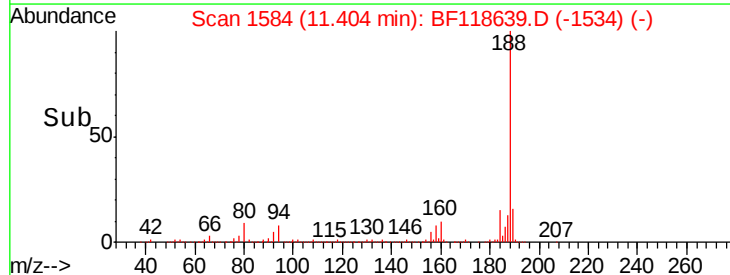
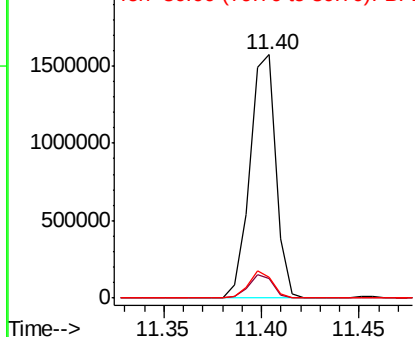


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118639.D
 Acq: 21 Jan 2020 18:05

Tgt Ion:	188	Resp:	1451883
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	8.8	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

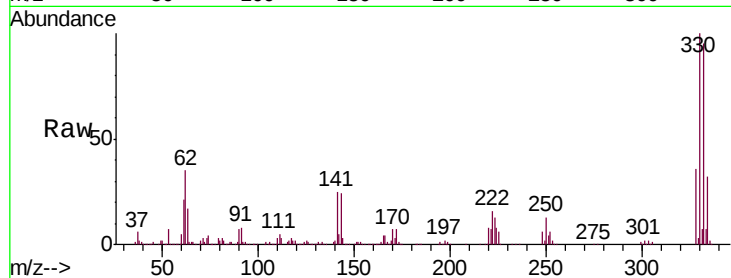




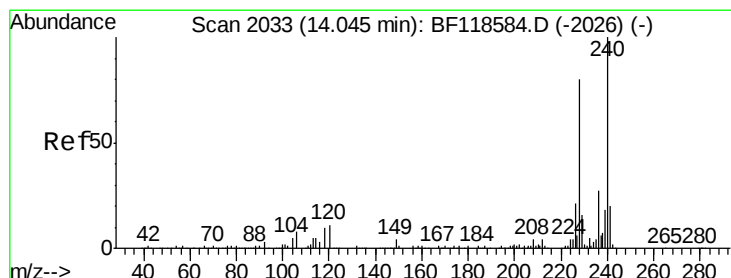
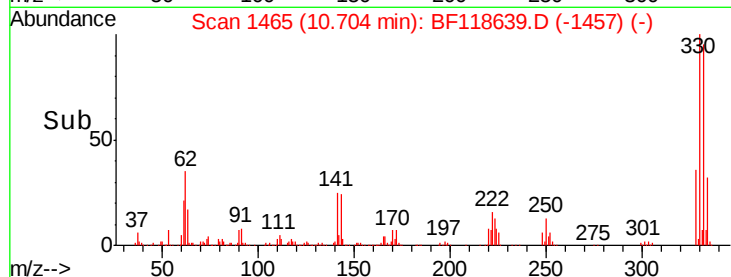
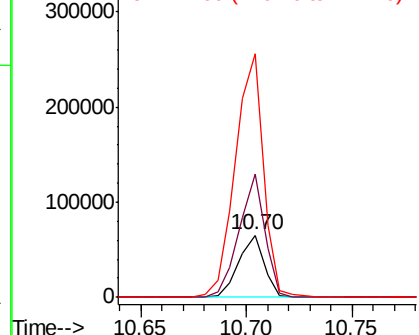
#67
4-Bromophenyl-phenylether
Concen: 3.032 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118639.D
Acq: 21 Jan 2020 18:05

Instrument :
BNA_F
ClientSampleId :
EP-1

Tgt Ion:248 Resp: 54382
Ion Ratio Lower Upper
248 100
250 200.1 78.7 118.1#
141 393.4 43.2 64.8#

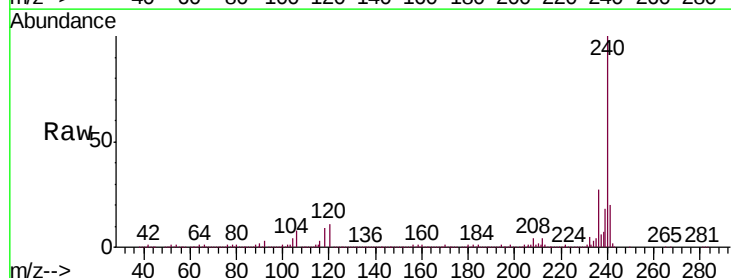


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

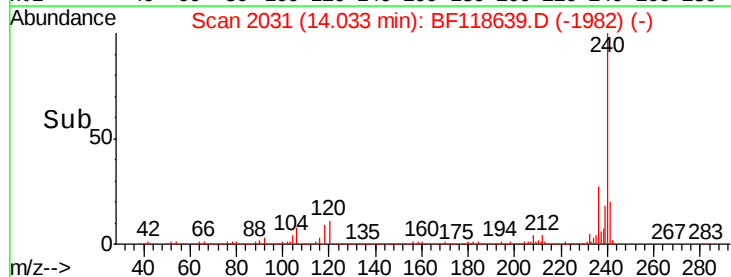
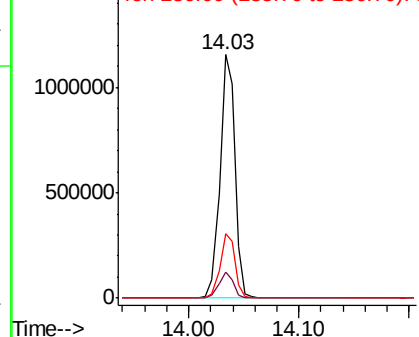


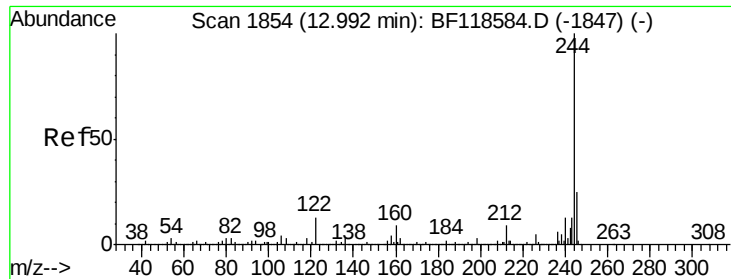
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118639.D
Acq: 21 Jan 2020 18:05

Tgt Ion:240 Resp: 1073251
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.5 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





#79

Terphenyl-d14

Concen: 77.819 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118639.D

Acq: 21 Jan 2020 18:05

Instrument :

BNA_F

ClientSampleId :

EP-1

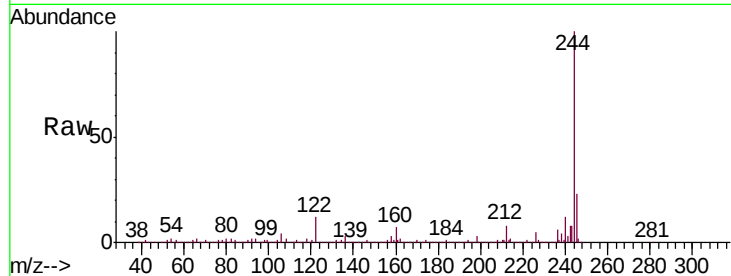
Tgt Ion:244 Resp: 3829238

Ion Ratio Lower Upper

244 100

212 7.8 7.0 10.4

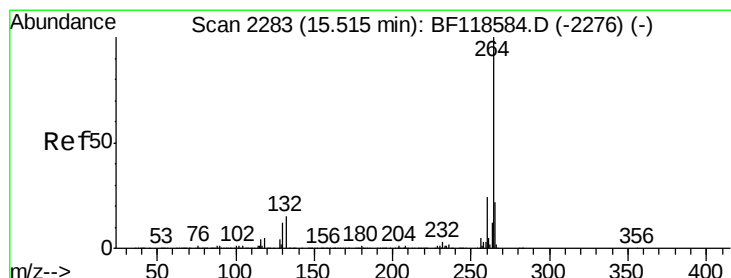
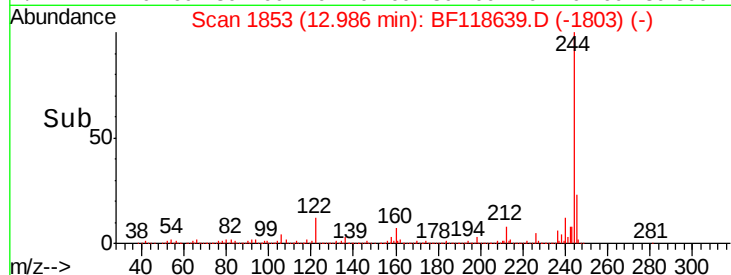
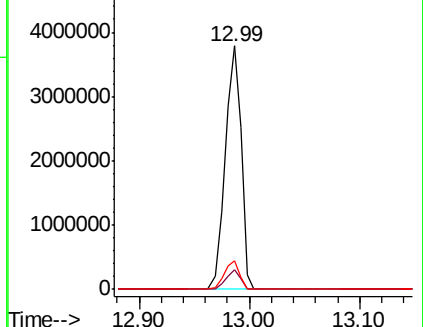
122 11.8 10.7 16.1



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: BF118639.D

Acq: 21 Jan 2020 18:05

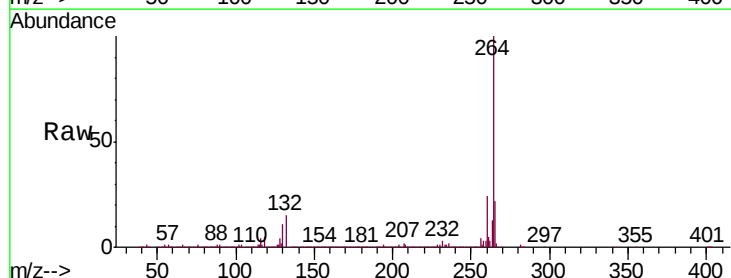
Tgt Ion:264 Resp: 954791

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 22.2 17.7 26.5



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

