

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118716.D
 Acq On : 27 Jan 2020 13:14
 Operator : CG/JU
 Sample : L1241-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-14

Quant Time: Jan 27 14:07:45 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 27 01:13:13 2020
 Response via : Initial Calibration

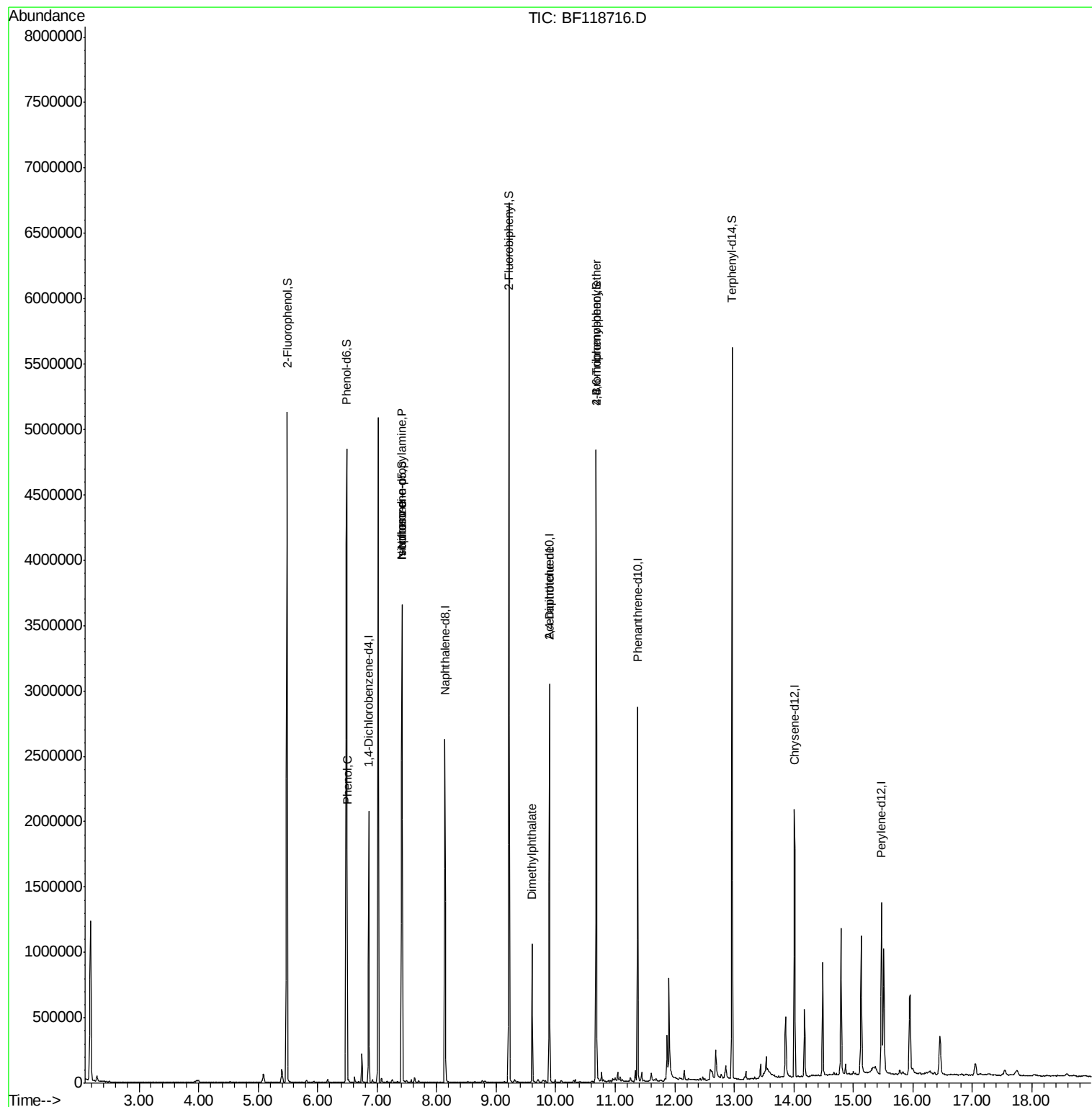
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	307101	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	1147474	20.00	ng	-0.03
39) Acenaphthene-d10	9.89	164	631411	20.00	ng	-0.04
64) Phenanthrene-d10	11.37	188	1106475	20.00	ng	-0.04
76) Chrysene-d12	14.01	240	675522	20.00	ng	-0.04
87) Perylene-d12	15.47	264	670651	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1561725	94.45	ng	-0.01
7) Phenol-d6	6.49	99	1901342	88.47	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1212917	59.12	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	658496	90.17	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	2084526	54.26	ng	-0.03
79) Terphenyl-d14	12.96	244	1990033	64.25	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	54835	2.239	ng	94
19) n-Nitroso-di-n-propylamine	7.42	70	164774	11.355	ng	# 77
25) Isophorone	7.42	82	1208480	32.297	ng	# 64
50) Dimethylphthalate	9.60	163	388776	9.451	ng	97
57) 2,4-Dinitrotoluene	9.89	165	82621	7.115	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	41902	3.065	ng	# 1

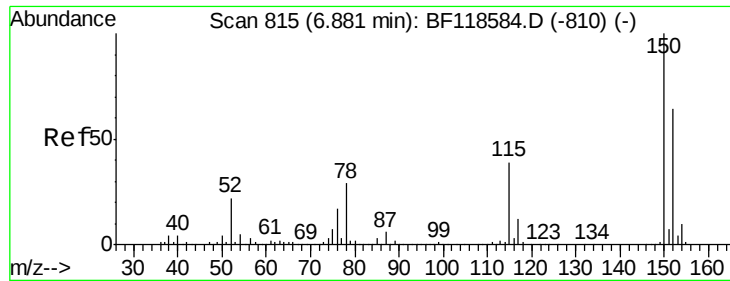
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118716.D
Acq On : 27 Jan 2020 13:14
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-14

Quant Time: Jan 27 14:07:45 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 27 01:13:13 2020
Response via : Initial Calibration



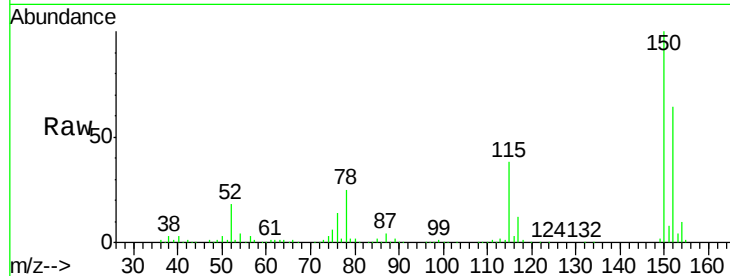


#1

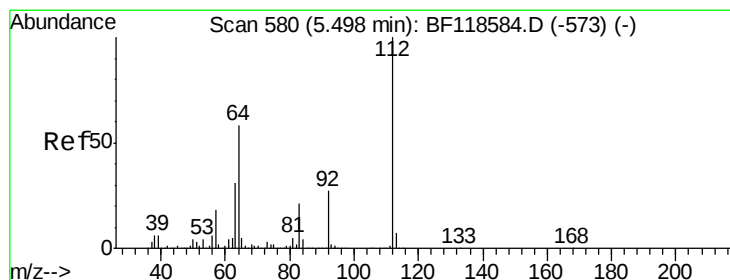
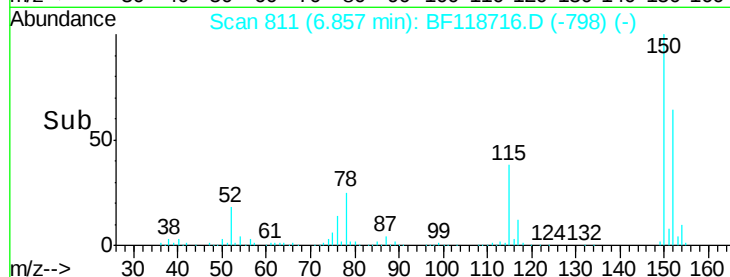
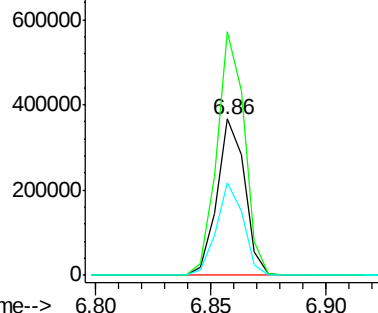
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:152 Resp: 307101
Ion Ratio Lower Upper
152 100
150 155.9 125.6 188.4
115 59.5 48.4 72.6



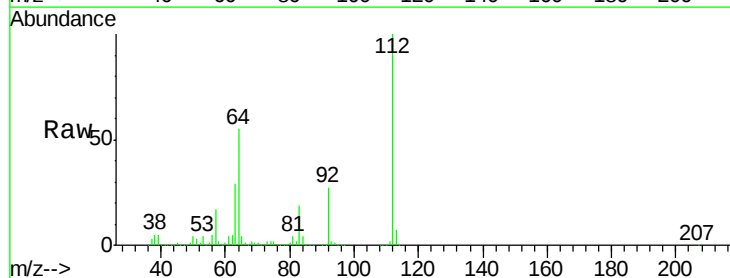
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



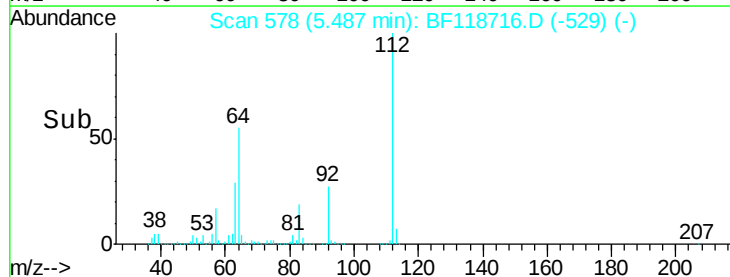
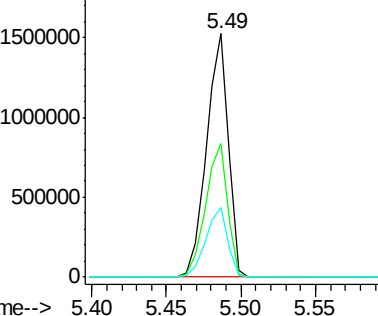
#5

2-Fluorophenol
Concen: 94.448 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Tgt Ion:112 Resp: 1561725
Ion Ratio Lower Upper
112 100
64 55.0 46.6 70.0
63 28.8 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: 88.469 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

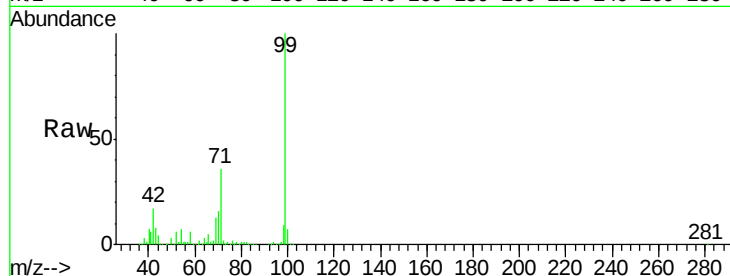
Tot Ion: 99 Resp: 1901342

Ion Ratio Lower Upper

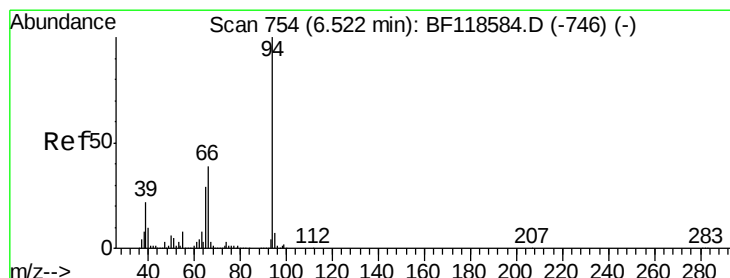
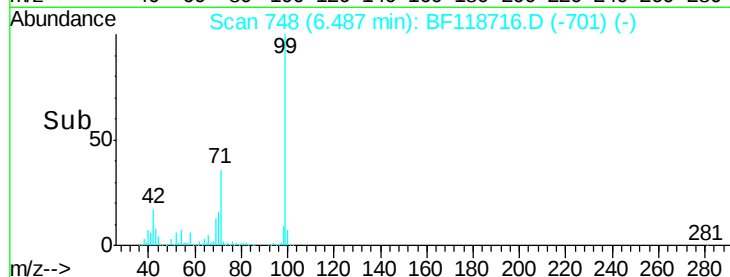
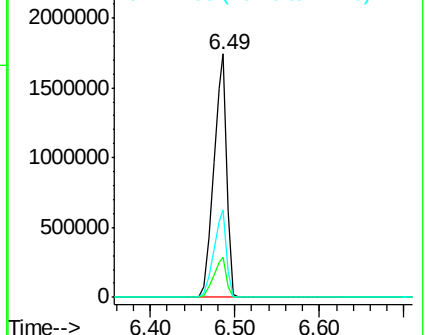
99 100

42 16.6 14.2 21.2

71 36.1 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: 2.239 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

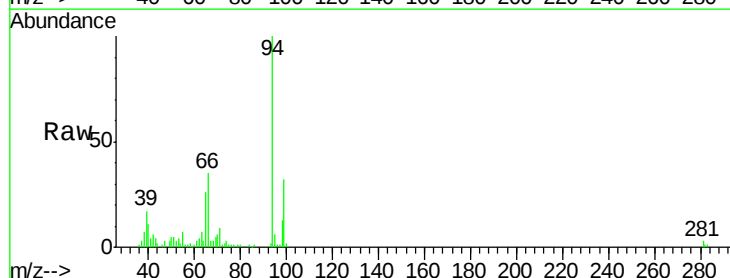
Tgt Ion: 94 Resp: 54835

Ion Ratio Lower Upper

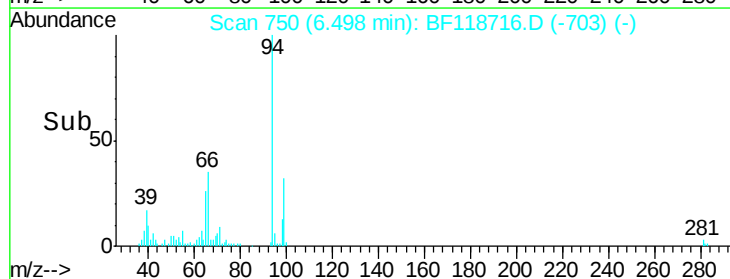
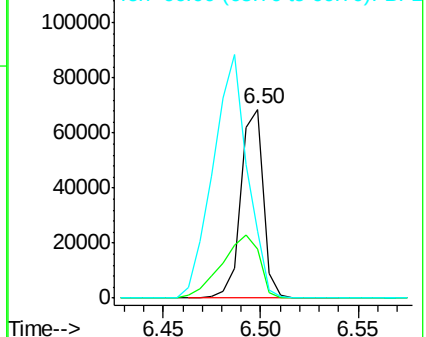
94 100

65 26.0 9.5 49.5

66 35.2 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: 11.355 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.12 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

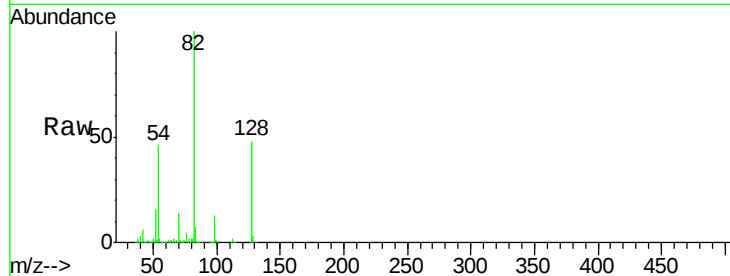
ClientSampled :

EP-14

Tot Ion: 70 Resp: 164774

Ion Ratio Lower Upper

70	100		
42	43.7	43.4	65.0
101	0.0	8.1	12.1#
130	2.2	17.6	26.4#

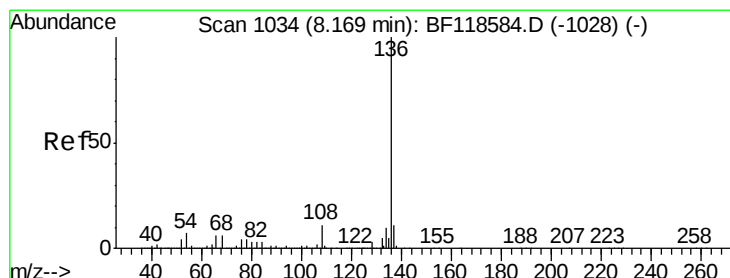
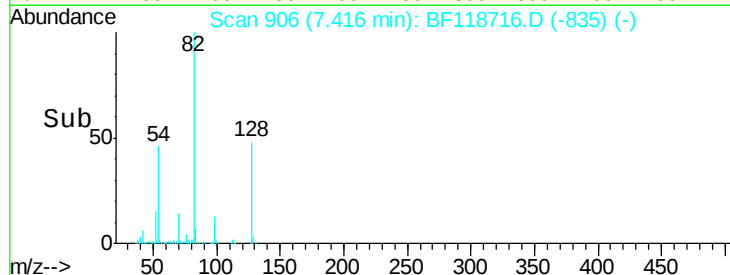
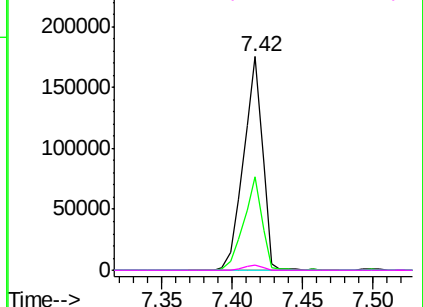


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Tgt Ion:136 Resp: 1147474

Ion Ratio Lower Upper

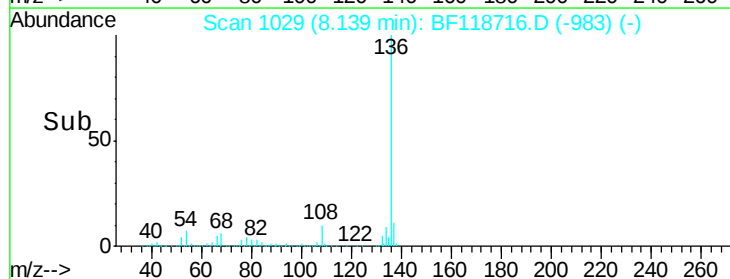
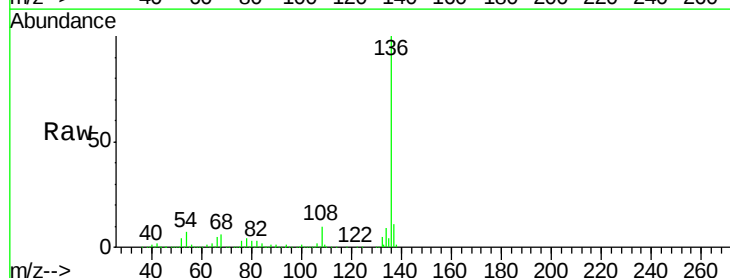
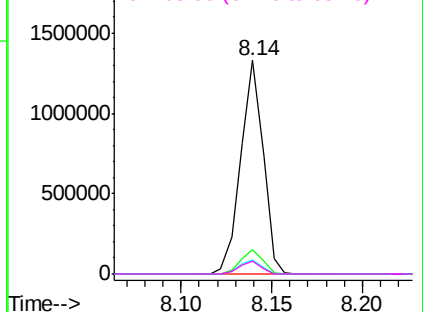
136	100		
137	11.2	9.1	13.7
54	6.6	5.8	8.6
68	5.8	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 59.124 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

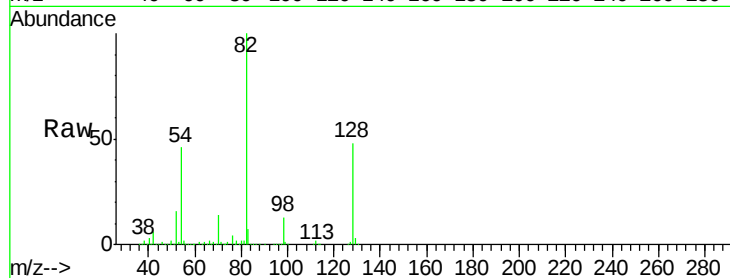
Tot Ion: 82 Resp: 1212917

Ion Ratio Lower Upper

82 100

128 47.7 36.6 54.8

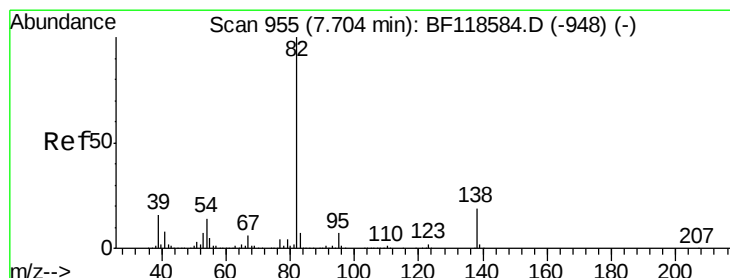
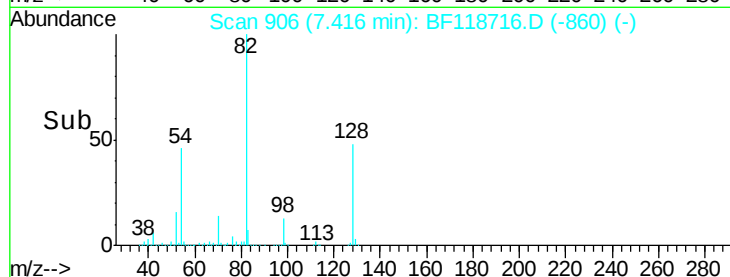
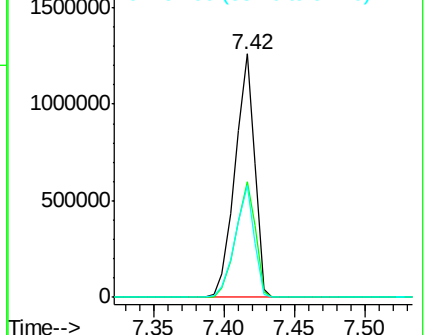
54 45.7 38.0 57.0



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: 32.297 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.29 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

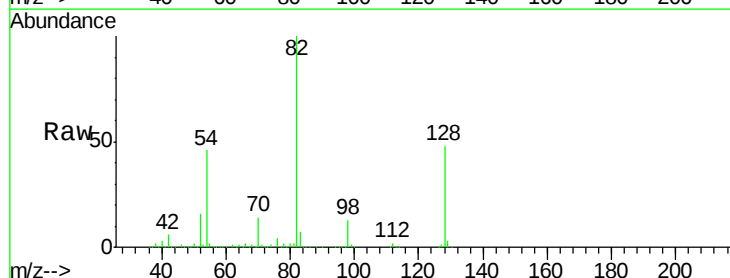
Tgt Ion: 82 Resp: 1208480

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

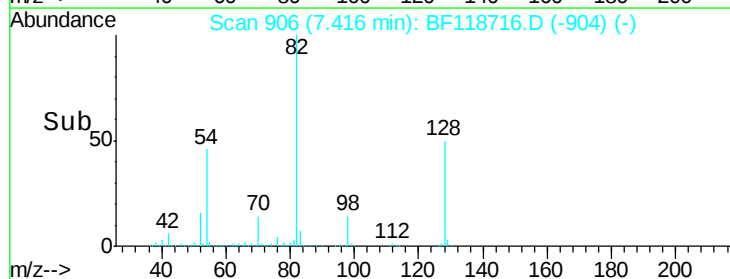
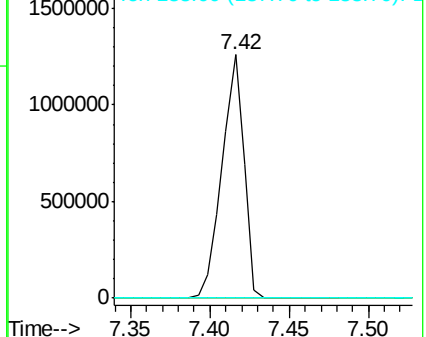
138 0.0 15.3 22.9#

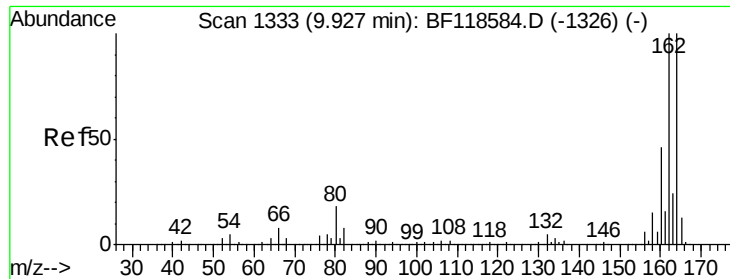


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

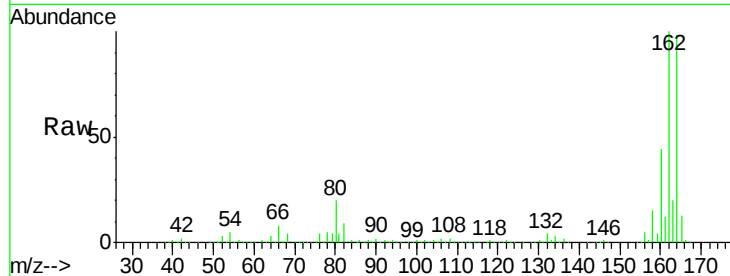




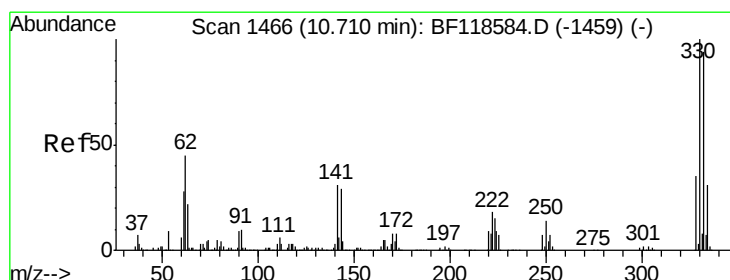
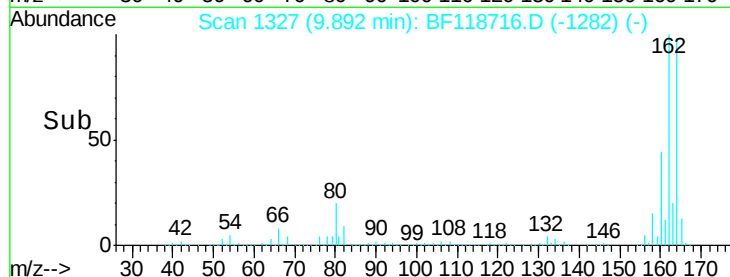
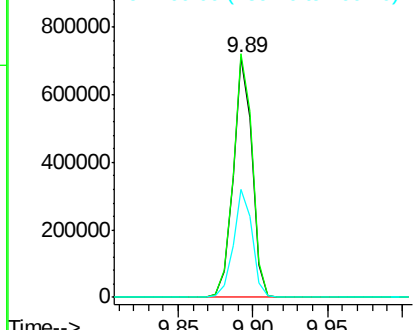
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Instrument :
BNA_F
ClientSampleId :
EP-14

Tot Ion:164 Resp: 631411
Ion Ratio Lower Upper
164 100
162 101.7 80.4 120.6
160 45.0 36.6 55.0

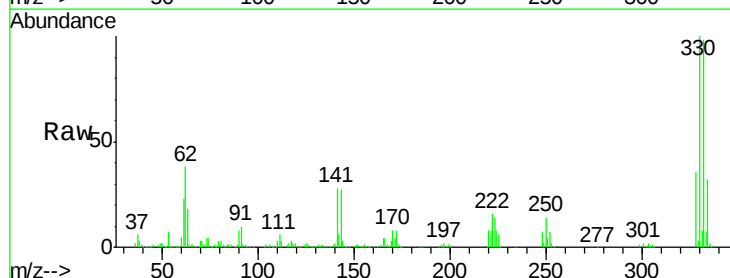


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

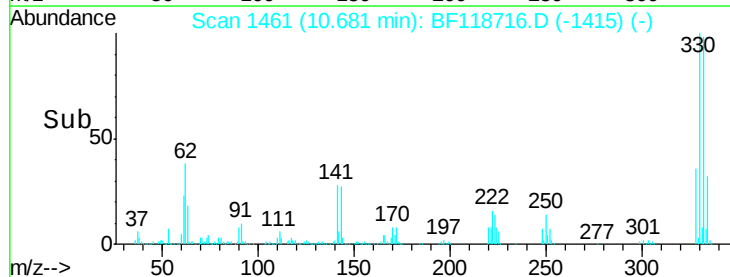
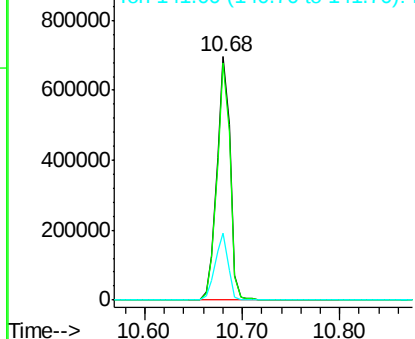


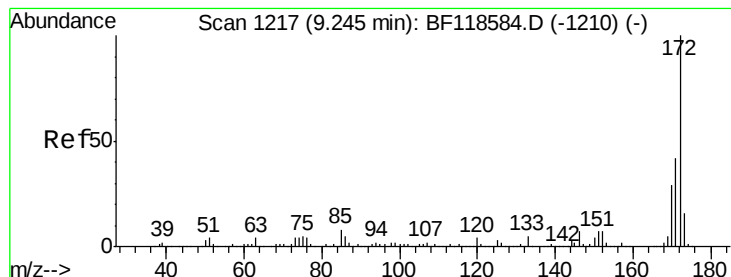
#42
2,4,6-Tribromophenol
Concen: 90.167 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Tgt Ion:330 Resp: 658496
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 27.1 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: 54.262 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

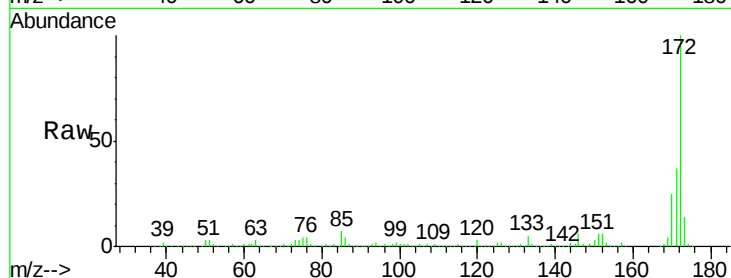
BNA_F

ClientSampleId :

EP-14

Tot Ion:172 Resp: 2084526

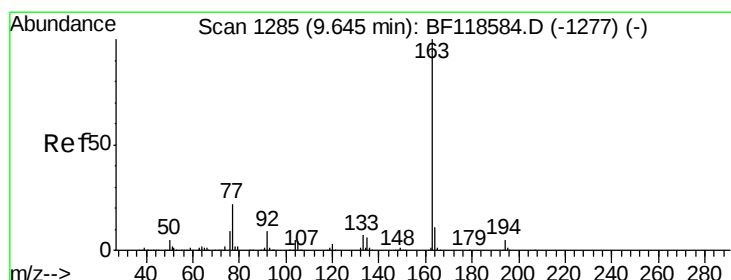
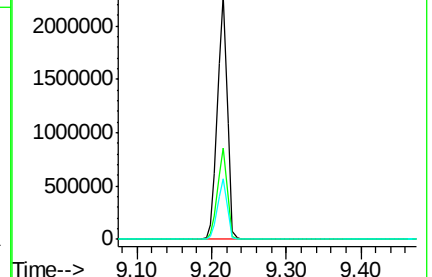
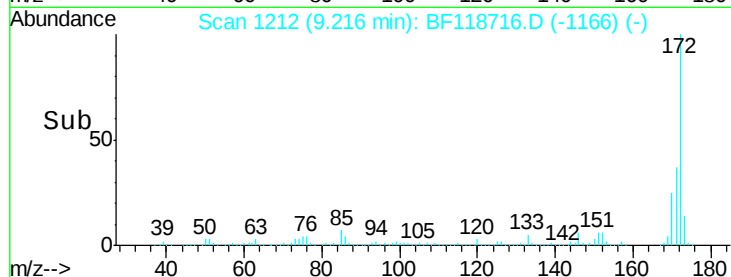
Ion	Ratio	Lower	Upper
172	100		
171	37.4	33.4	50.2
170	24.7	23.2	34.8



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: 9.451 ng

RT: 9.60 min Scan# 1278

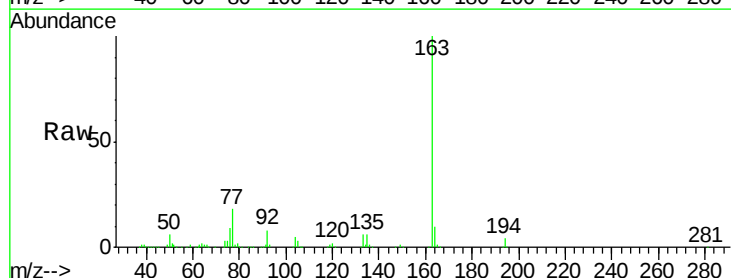
Delta R.T. -0.04 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Tgt Ion:163 Resp: 388776

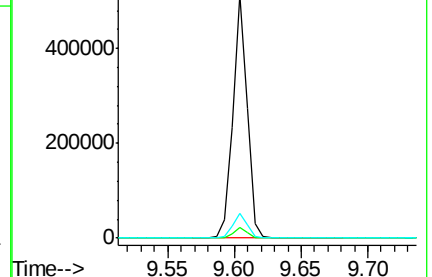
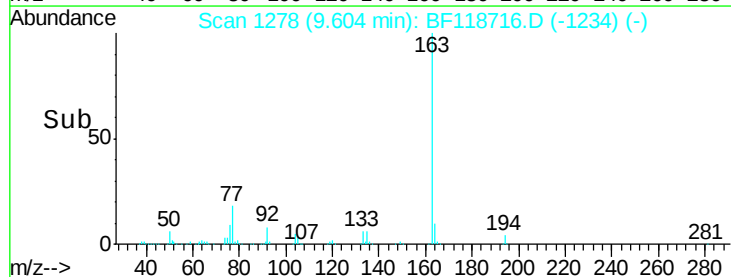
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	10.2	9.1	13.7

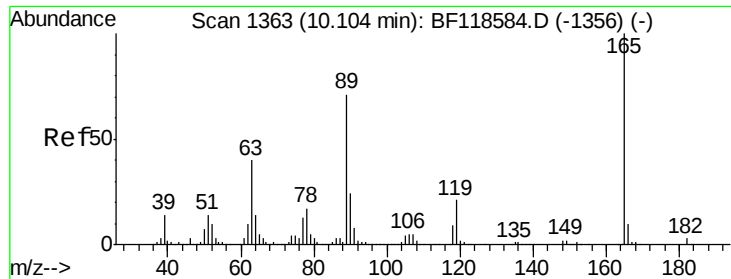


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

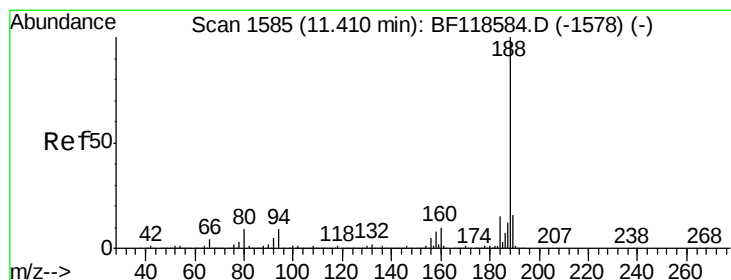
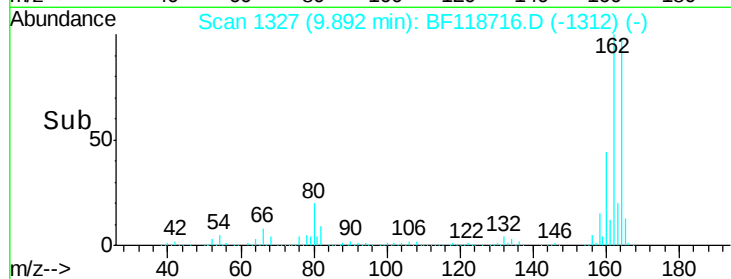
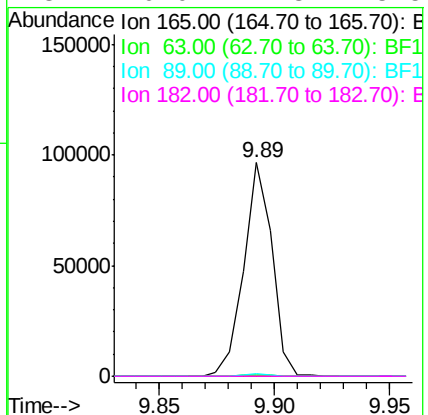
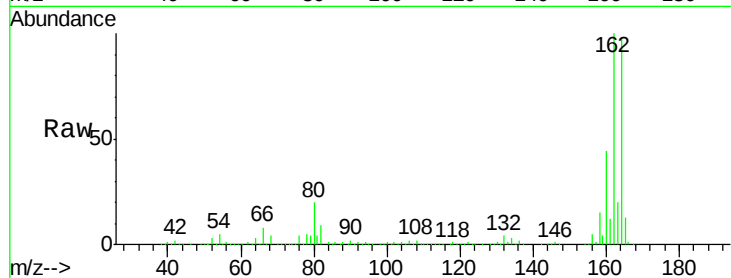




#57
 2,4-Dinitrotoluene
 Concen: 7.115 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF118716.D
 Acq: 27 Jan 2020 13:14

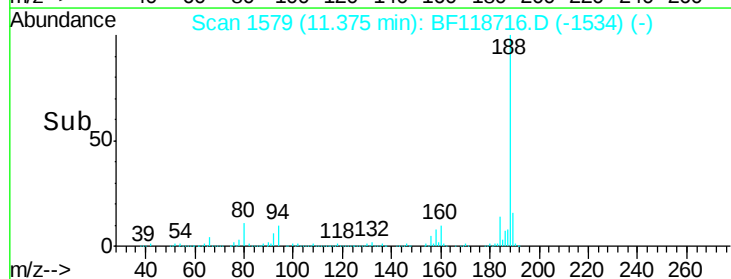
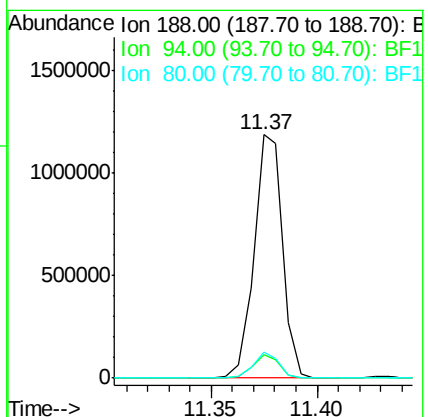
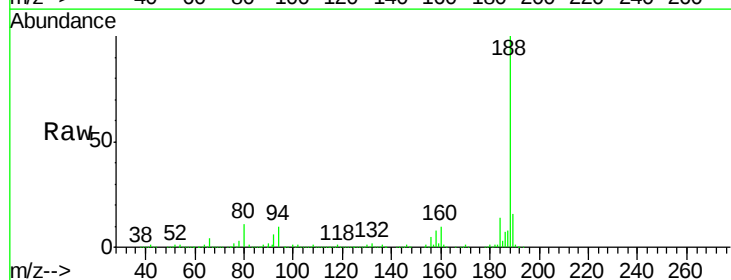
Instrument :
 BNA_F
 ClientSampled :
 EP-14

Tot Ion:165	Resp:	82621
Ion Ratio	Lower	Upper
165	100	
63	0.9	32.4 48.6#
89	1.3	56.4 84.6#
182	0.0	2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.04 min
 Lab File: BF118716.D
 Acq: 27 Jan 2020 13:14

Tgt Ion:188	Resp:	1106475
Ion Ratio	Lower	Upper
188	100	
94	9.9	7.1 10.7
80	10.7	7.5 11.3

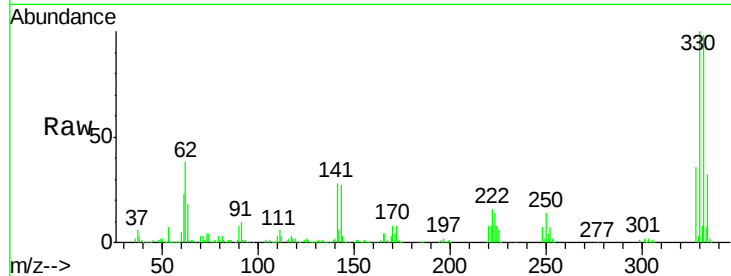




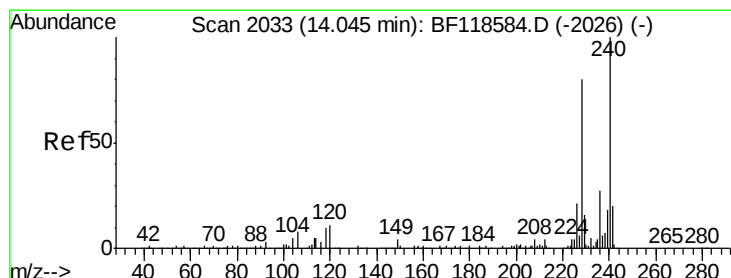
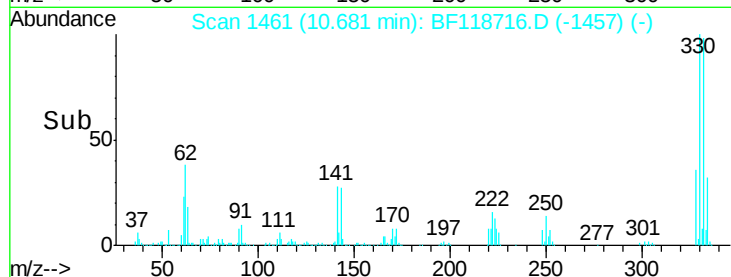
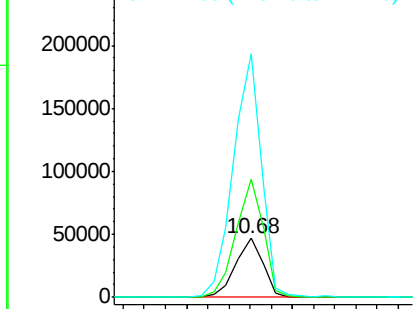
#67
4-Bromophenyl-phenylether
Concen: 3.065 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Instrument :
BNA_F
ClientSampled :
EP-14

Tot Ion:248 Resp: 41902
Ion Ratio Lower Upper
248 100
250 201.4 78.7 118.1#
141 413.6 43.2 64.8#

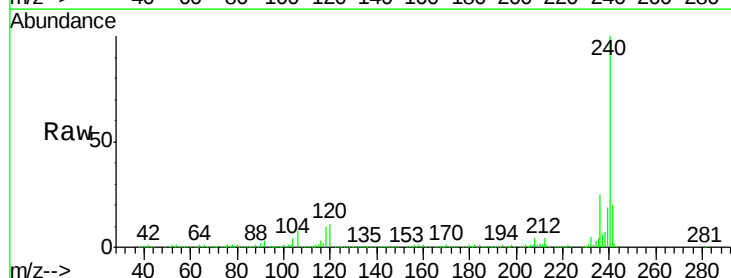


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

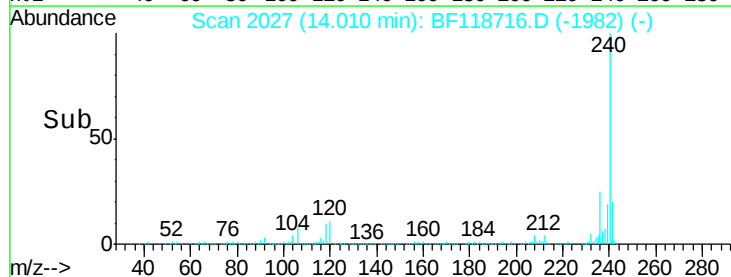
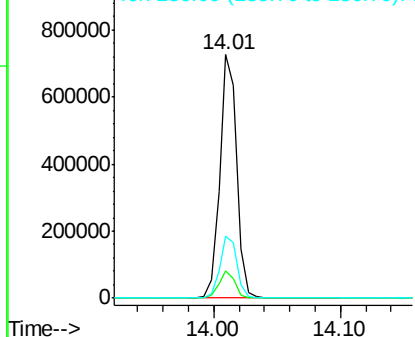


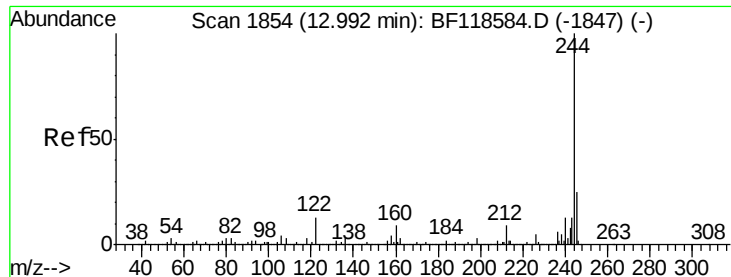
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118716.D
Acq: 27 Jan 2020 13:14

Tgt Ion:240 Resp: 675522
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.4 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: 64.253 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Instrument :

BNA_F

ClientSampleId :

EP-14

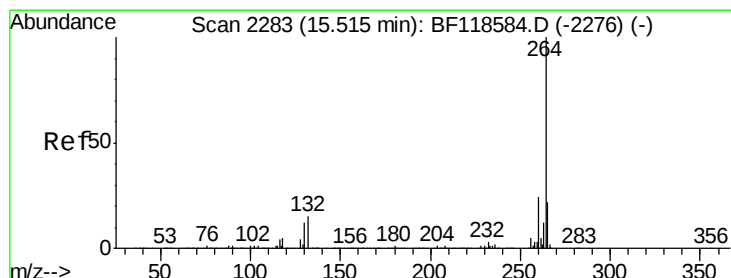
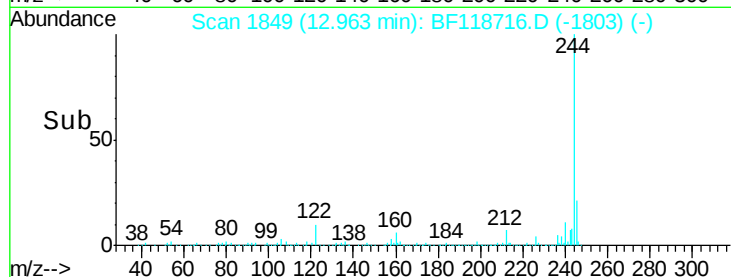
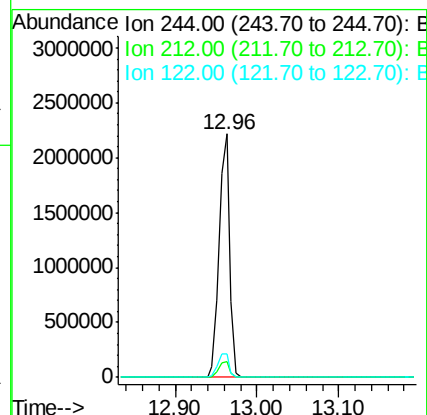
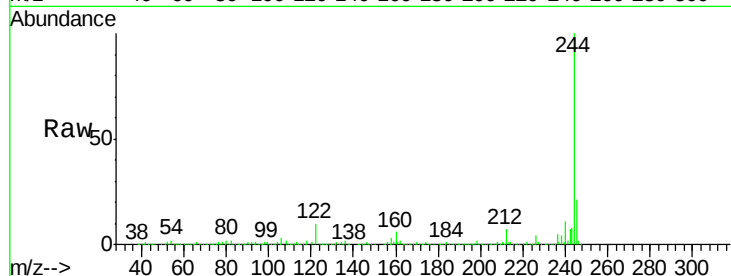
Tot Ion:244 Resp: 1990033

Ion Ratio Lower Upper

244 100

212 6.7 7.0 10.4#

122 9.5 10.7 16.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BF118716.D

Acq: 27 Jan 2020 13:14

Tgt Ion:264 Resp: 670651

Ion Ratio Lower Upper

264 100

260 23.2 19.6 29.4

265 21.0 17.7 26.5

