

Data File : BF118708.D
Acq On : 25 Jan 2020 4:02
Operator : CG/JU
Sample : L1241-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-14

Quant Time: Jan 27 01:10:32 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	6.86	152	239740	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	881390	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	463018	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	732639	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	523408	20.00	ng	-0.03
87) Perylene-d12	15.48	264	658168	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1233742	95.58	ng	-0.01
7) Phenol-d6	6.49	99	1509745	89.99	ng	-0.02
23) Nitrobenzene-d5	7.42	82	926615	58.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	437455	81.68	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1619352	57.48	ng	-0.03
79) Terphenyl-d14	12.96	244	1316213	54.85	ng	-0.03

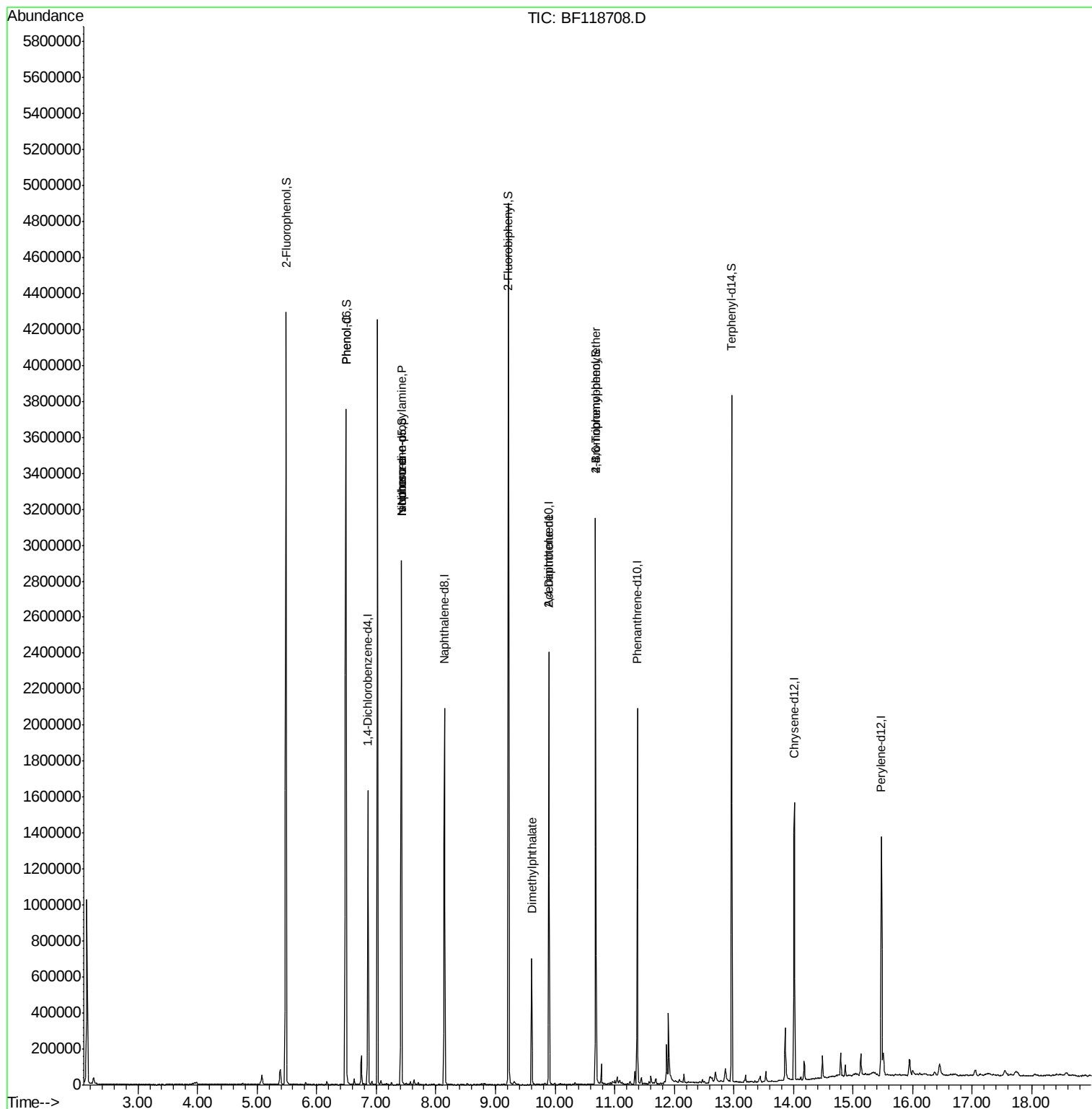
Target Compounds				Qvalue		
10) Phenol	6.50	94	42173	2.206	ng	88
19) n-Nitroso-di-n-propylamine	7.42	70	124103	10.955	ng	# 77
25) Isophorone	7.42	82	924457	32.165	ng	# 64
50) Dimethylphthalate	9.61	163	289957	9.612	ng	96
57) 2,4-Dinitrotoluene	9.90	165	60377	7.090	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	26804	2.961	ng	# 1

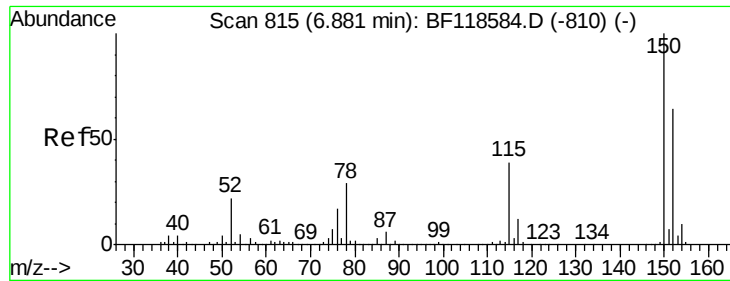
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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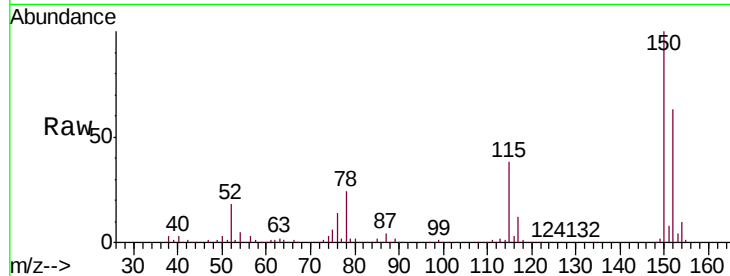


#1

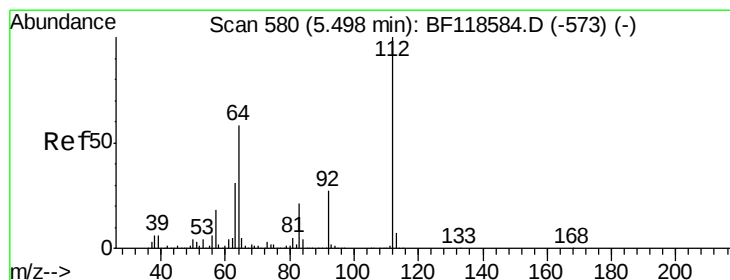
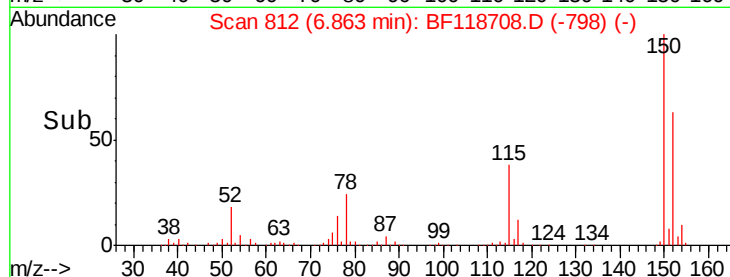
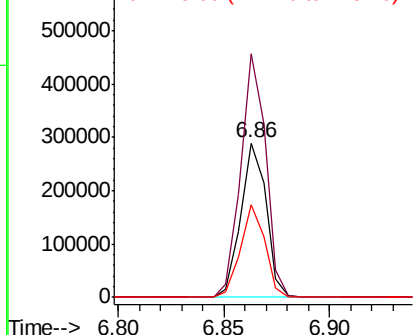
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Instrument :
BNA_F
ClientSampleId :
EP-14

Tgt Ion:152 Resp: 239740
Ion Ratio Lower Upper
152 100
150 158.0 125.6 188.4
115 60.1 48.4 72.6



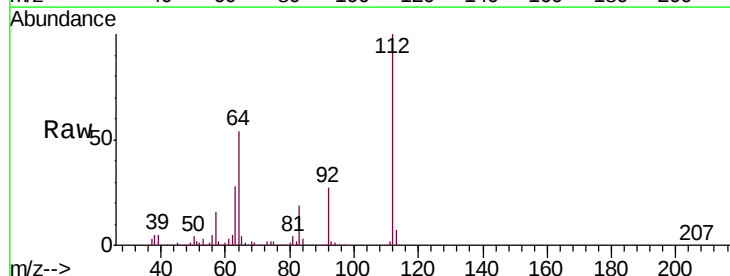
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



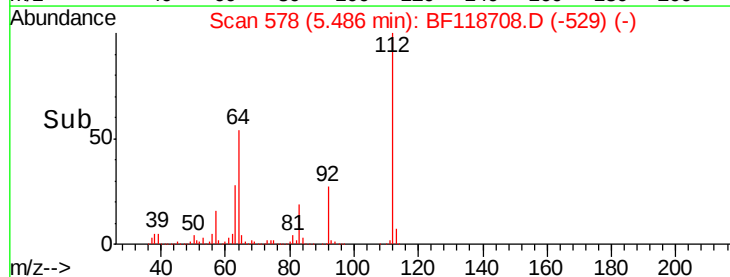
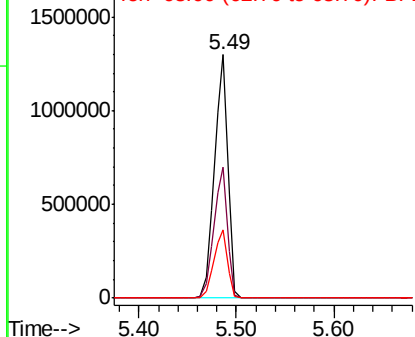
#5

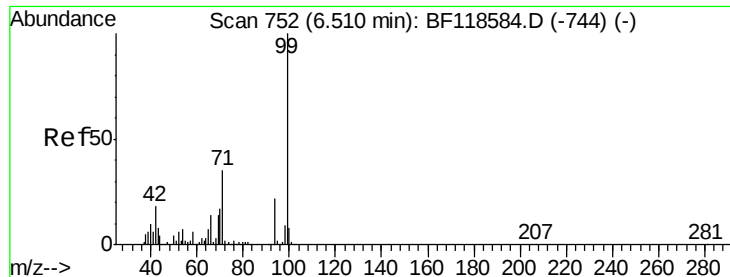
2-Fluorophenol
Concen: 95.577 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Tgt Ion:112 Resp: 1233742
Ion Ratio Lower Upper
112 100
64 53.9 46.6 70.0
63 27.9 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: 89.986 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Instrument :

BNA_F

ClientSampleId :

EP-14

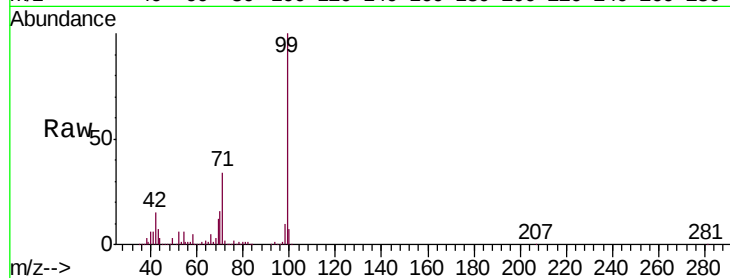
Tgt Ion: 99 Resp: 1509745

Ion Ratio Lower Upper

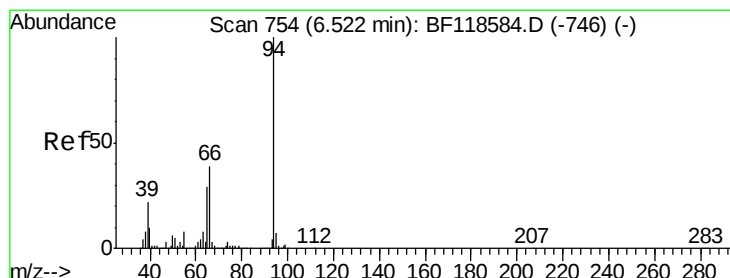
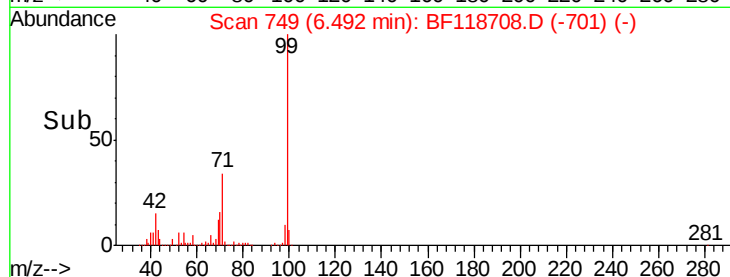
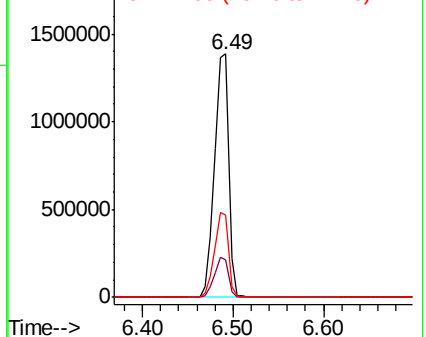
99 100

42 15.3 14.2 21.2

71 34.1 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: 2.206 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

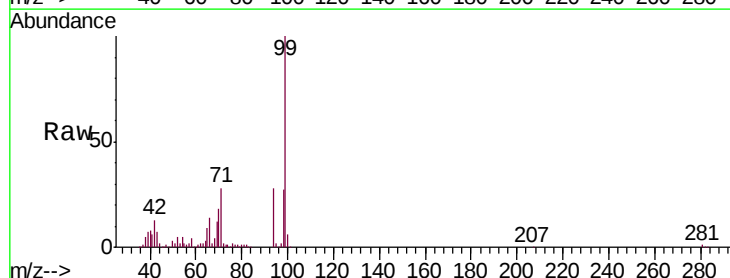
Tgt Ion: 94 Resp: 42173

Ion Ratio Lower Upper

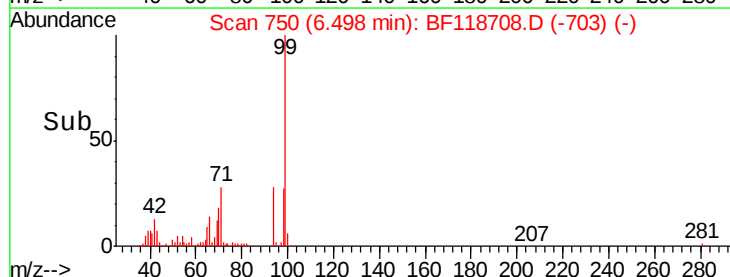
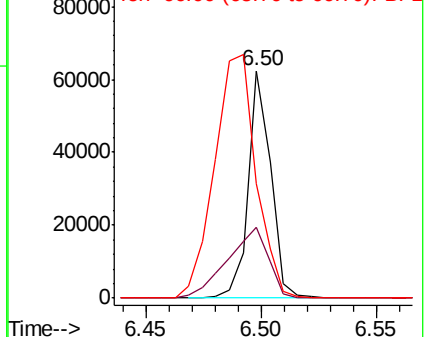
94 100

65 31.0 9.5 49.5

66 50.2 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

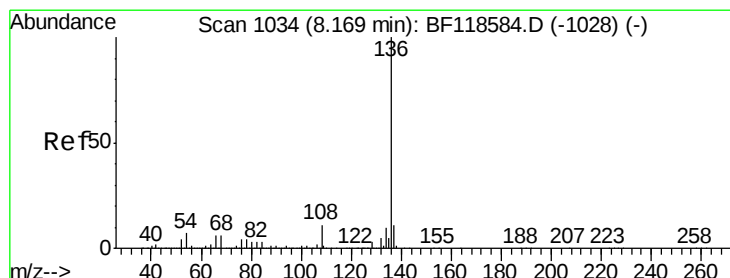
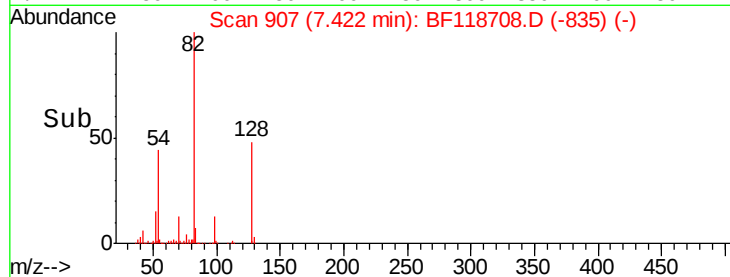
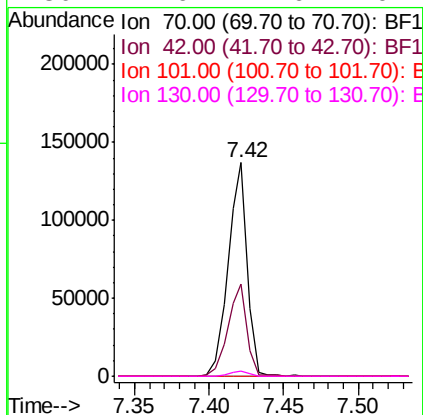
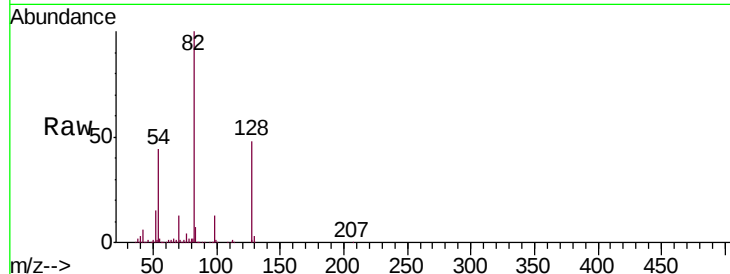




#19
n-Nitroso-di-n-propylamine
Concen: 10.955 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

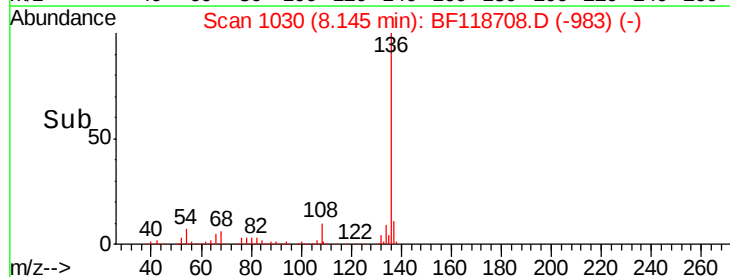
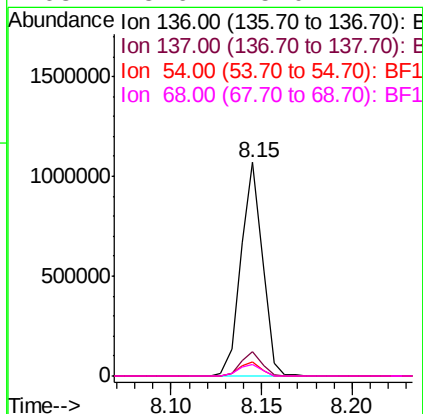
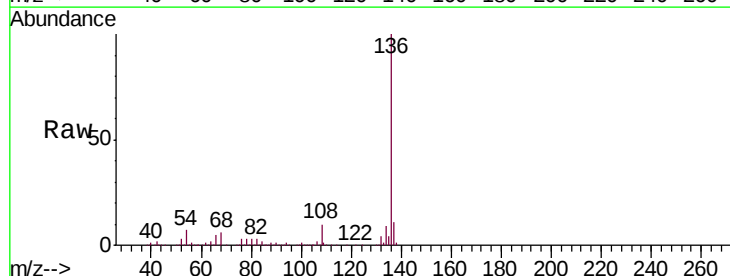
Instrument :
BNA_F
ClientSampleId :
EP-14

Tgt Ion:	70	Resp:	124103
Ion	Ratio	Lower	Upper
70	100		
42	43.2	43.4	65.0#
101	0.0	8.1	12.1#
130	2.6	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Tgt Ion:	136	Resp:	881390
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	5.8	8.6
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 58.804 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Instrument :

BNA_F

ClientSampleId :

EP-14

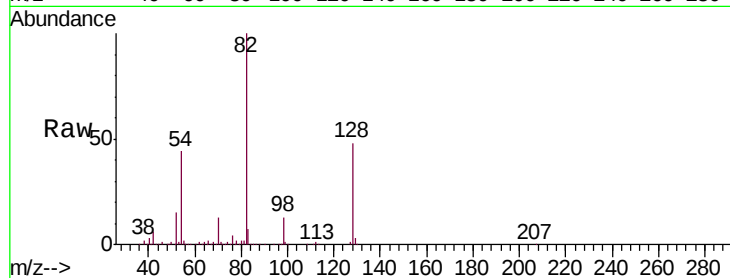
Tgt Ion: 82 Resp: 926615

Ion Ratio Lower Upper

82 100

128 47.5 36.6 54.8

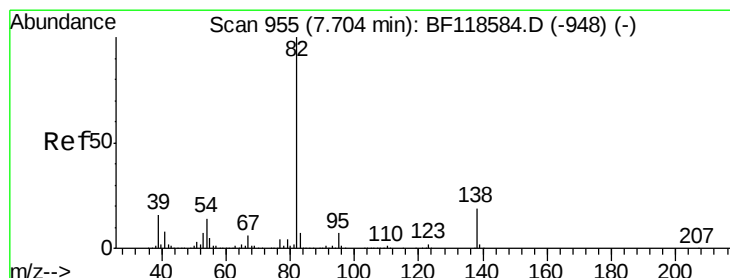
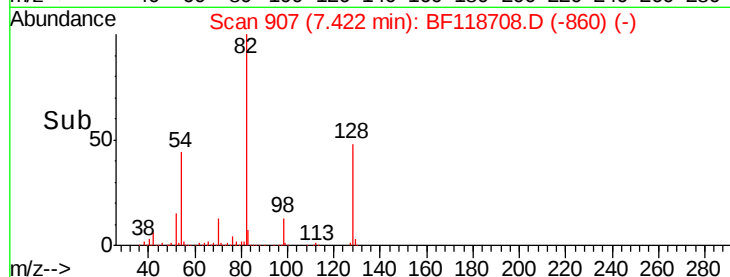
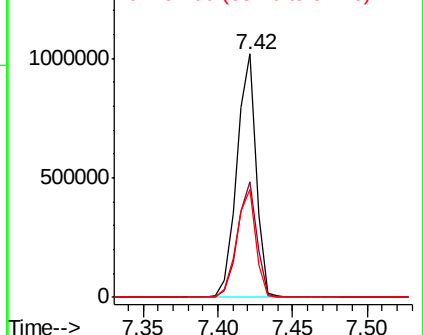
54 44.3 38.0 57.0



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: 32.165 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.28 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

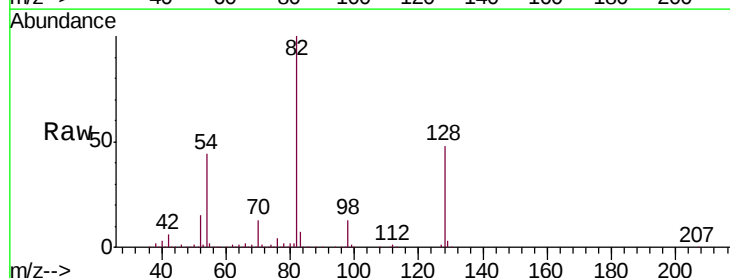
Tgt Ion: 82 Resp: 924457

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

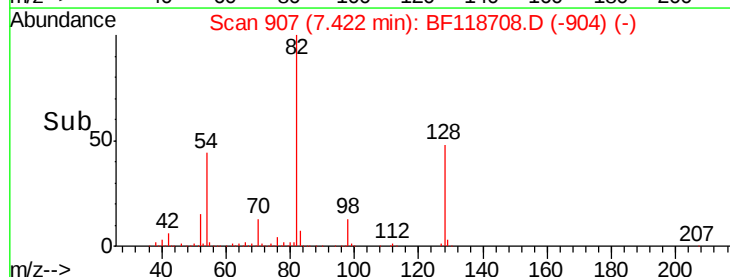
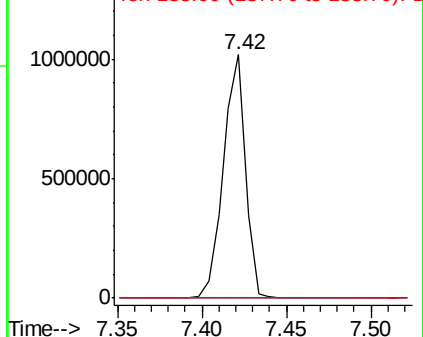
138 0.0 15.3 22.9#

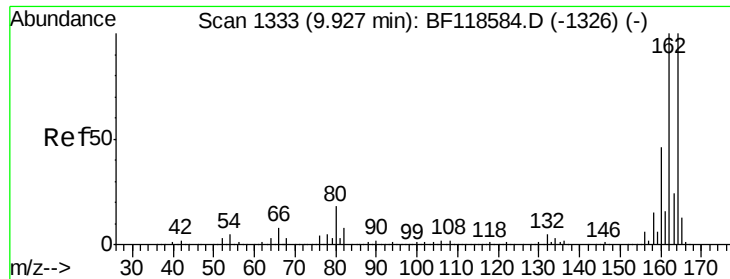


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Instrument :

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ClientSampleId :

EP-14

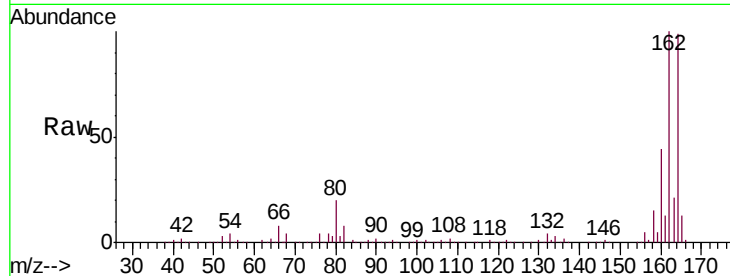
Tgt Ion:164 Resp: 463018

Ion Ratio Lower Upper

164 100

162 100.6 80.4 120.6

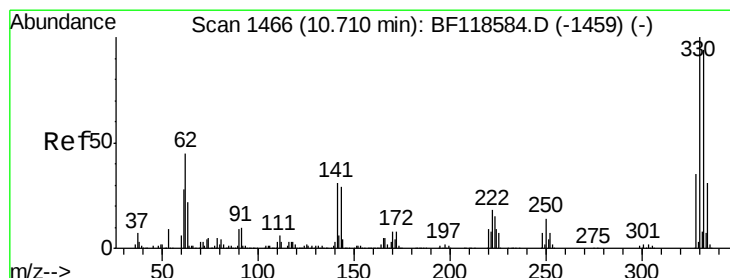
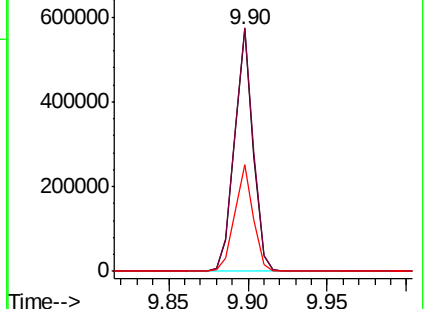
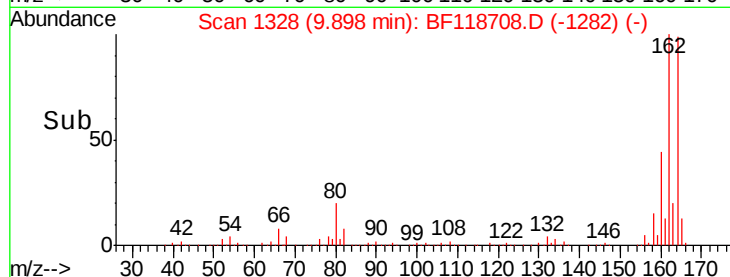
160 44.1 36.6 55.0



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: 81.685 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

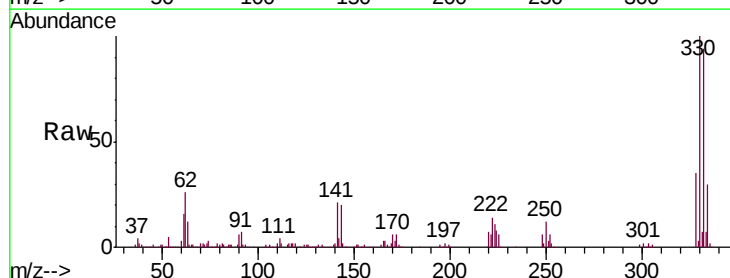
Tgt Ion:330 Resp: 437455

Ion Ratio Lower Upper

330 100

332 95.6 76.2 114.4

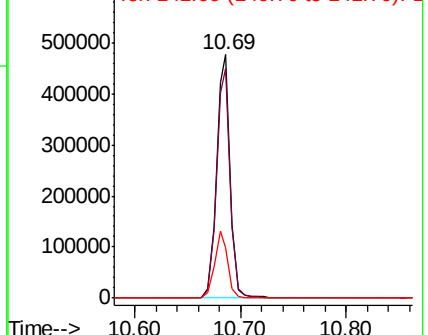
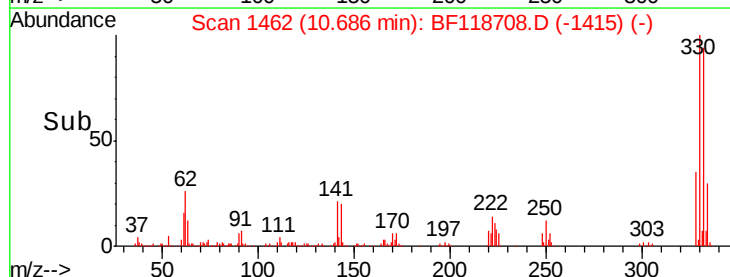
141 26.8 23.9 35.9

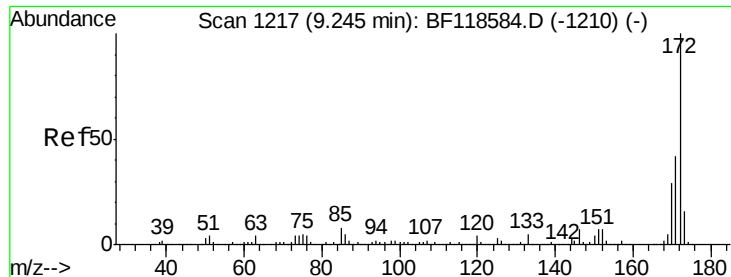


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



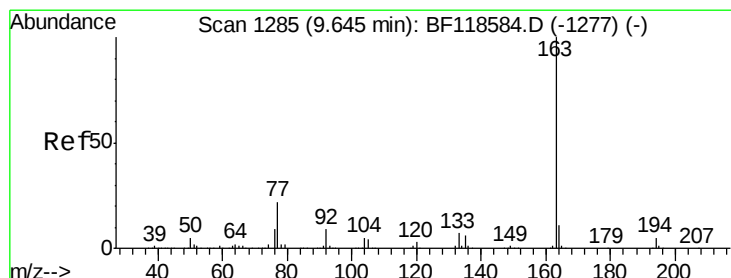
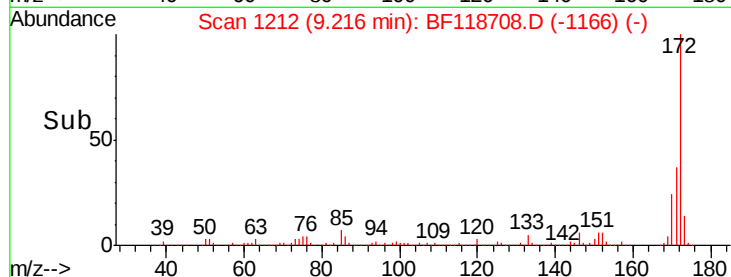
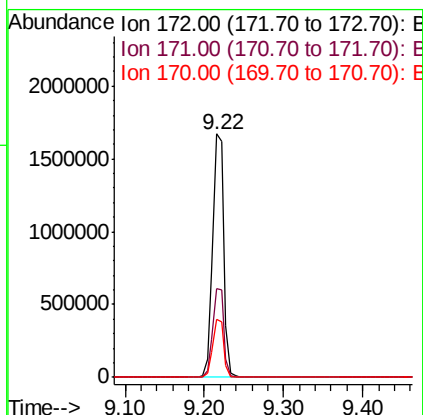
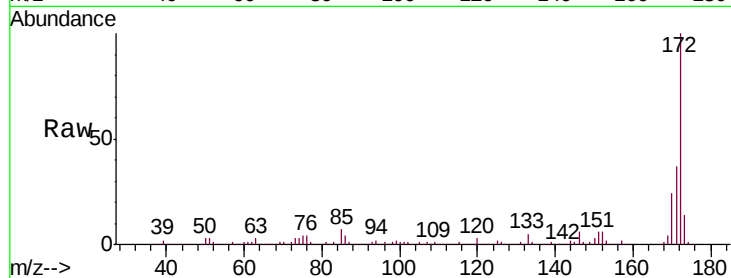


#45
 2-Fluorobiphenyl
 Concen: 57.484 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

Instrument :
 BNA_F
 ClientSampleId :
 EP-14

Tgt Ion:172 Resp: 1619352

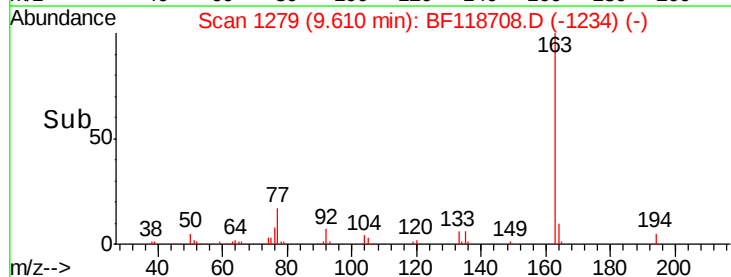
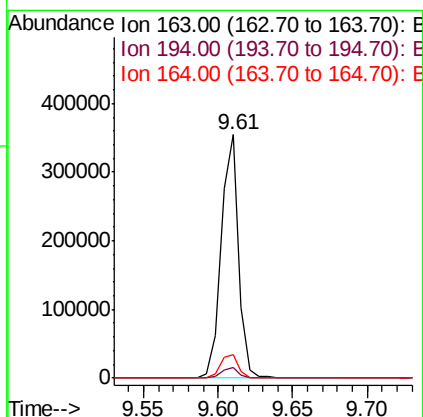
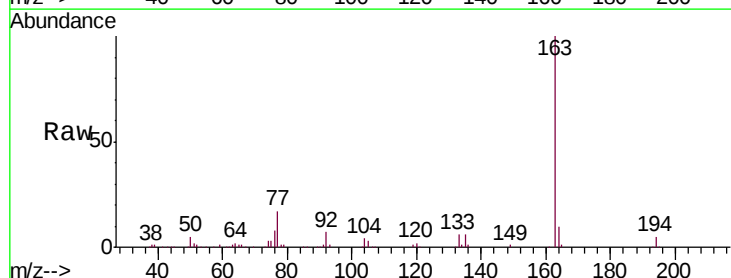
Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.4	50.2
170	23.9	23.2	34.8

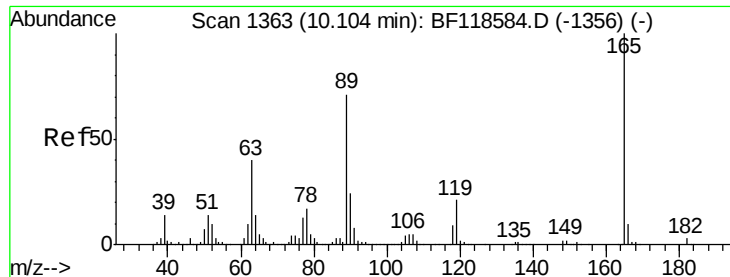


#50
 Dimethylphthalate
 Concen: 9.612 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

Tgt Ion:163 Resp: 289957

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.9	5.9
164	9.6	9.1	13.7

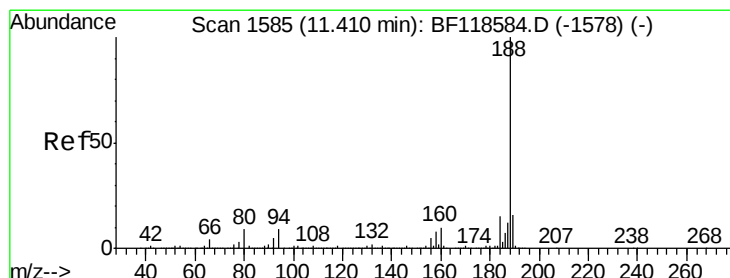
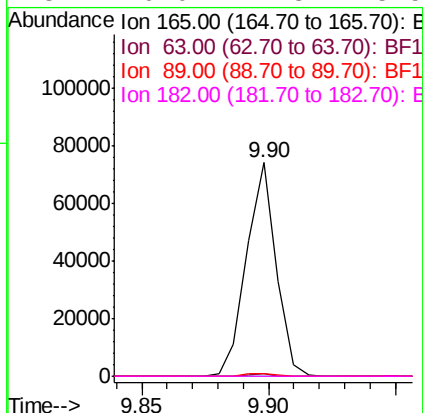
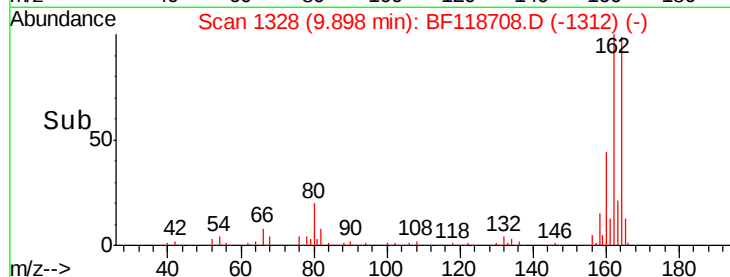
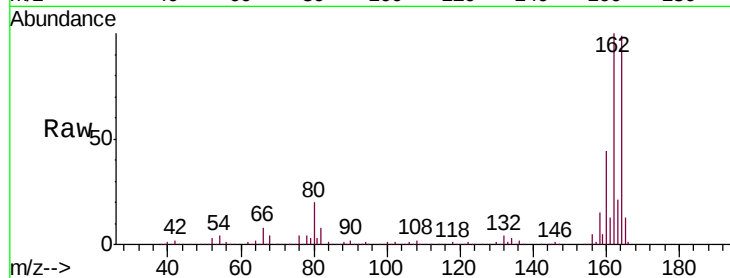




#57
 2,4-Dinitrotoluene
 Concen: 7.090 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.21 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

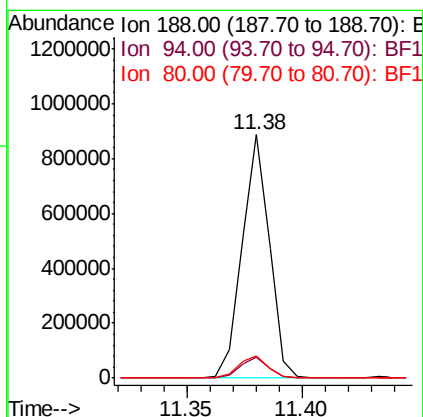
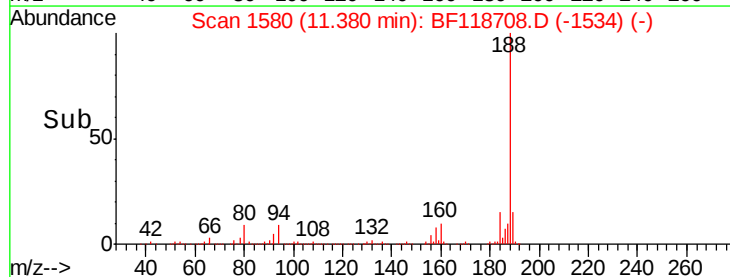
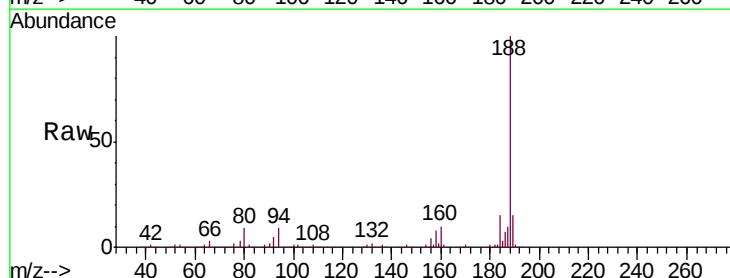
Instrument :
 BNA_F
 ClientSampled :
 EP-14

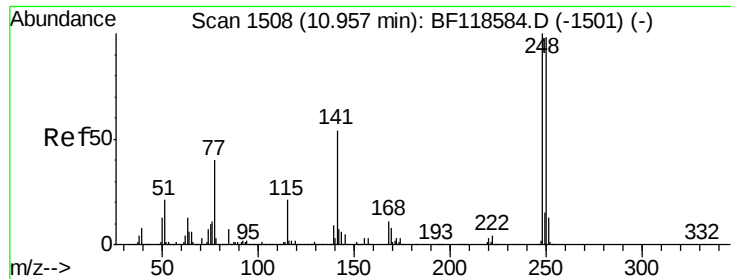
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118708.D
 Acq: 25 Jan 2020 4:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.3	7.5	11.3

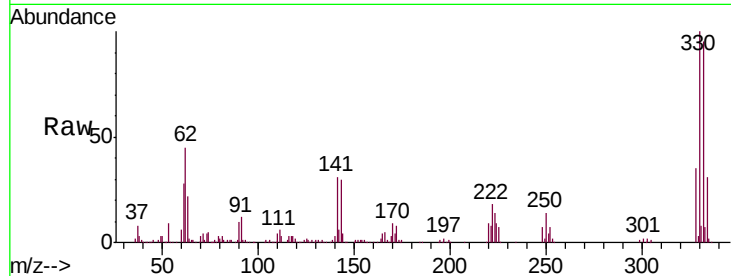




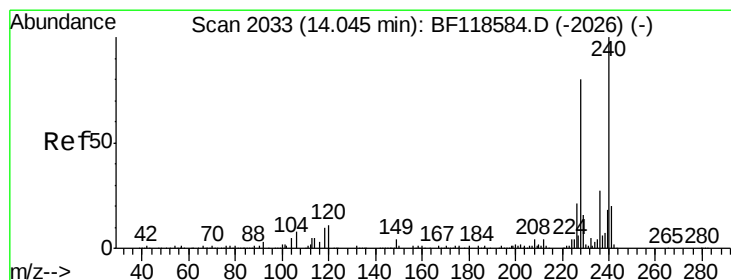
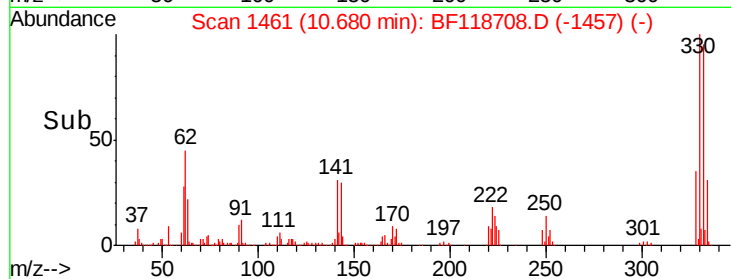
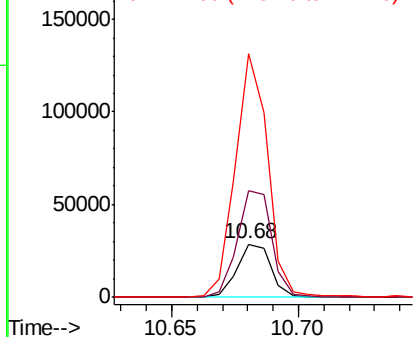
#67
4-Bromophenyl-phenylether
Concen: 2.961 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Instrument :
BNA_F
ClientSampleId :
EP-14

Tgt Ion:248 Resp: 26804
Ion Ratio Lower Upper
248 100
250 202.3 78.7 118.1#
141 460.3 43.2 64.8#

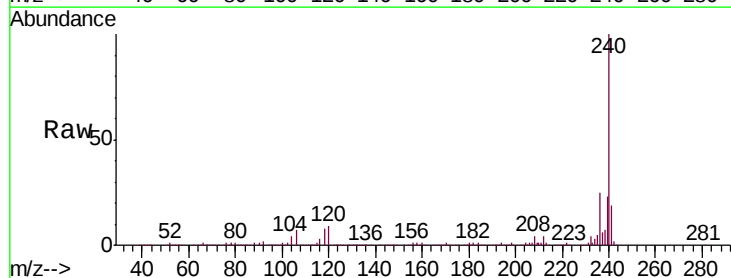


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

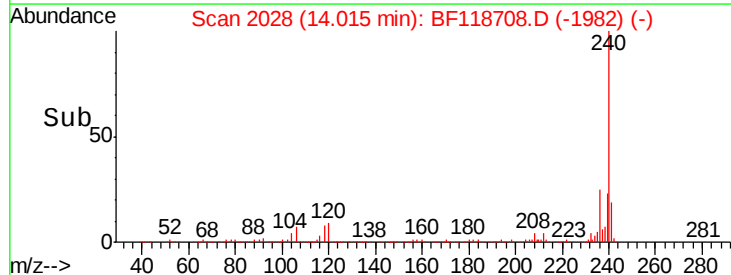
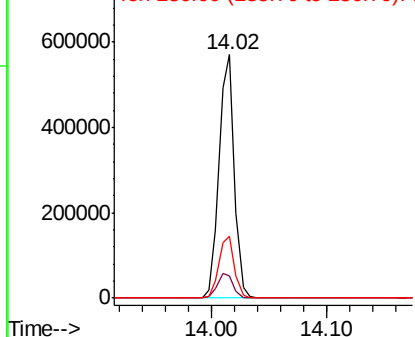


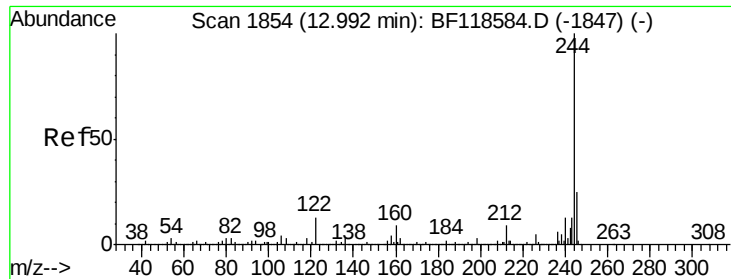
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118708.D
Acq: 25 Jan 2020 4:02

Tgt Ion:240 Resp: 523408
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.3 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: 54.848 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Instrument :

BNA_F

ClientSampleId :

EP-14

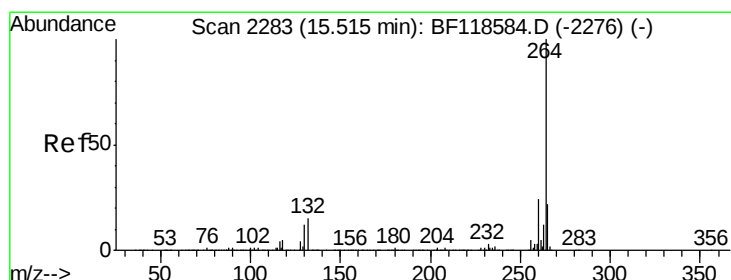
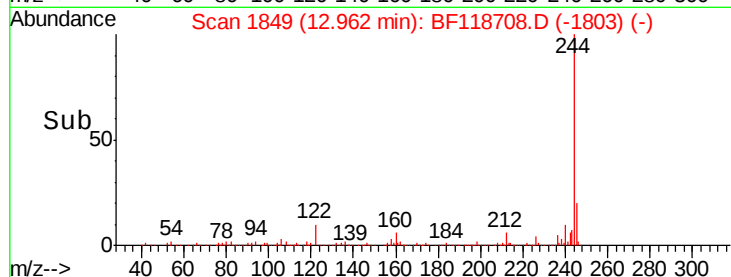
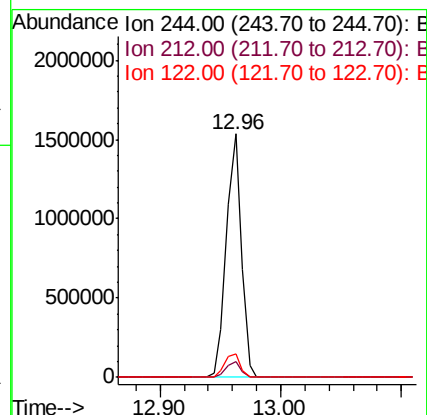
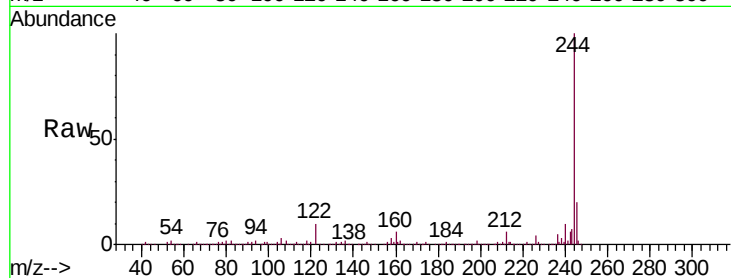
Tgt Ion:244 Resp: 1316213

Ion Ratio Lower Upper

244 100

212 6.4 7.0 10.4#

122 9.8 10.7 16.1#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.04 min

Lab File: BF118708.D

Acq: 25 Jan 2020 4:02

Tgt Ion:264 Resp: 658168

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.3 17.7 26.5

