

Data File : BF118648.D
Acq On : 21 Jan 2020 22:41
Operator : CG/JU
Sample : L1205-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2

Quant Time: Jan 22 04:22:13 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

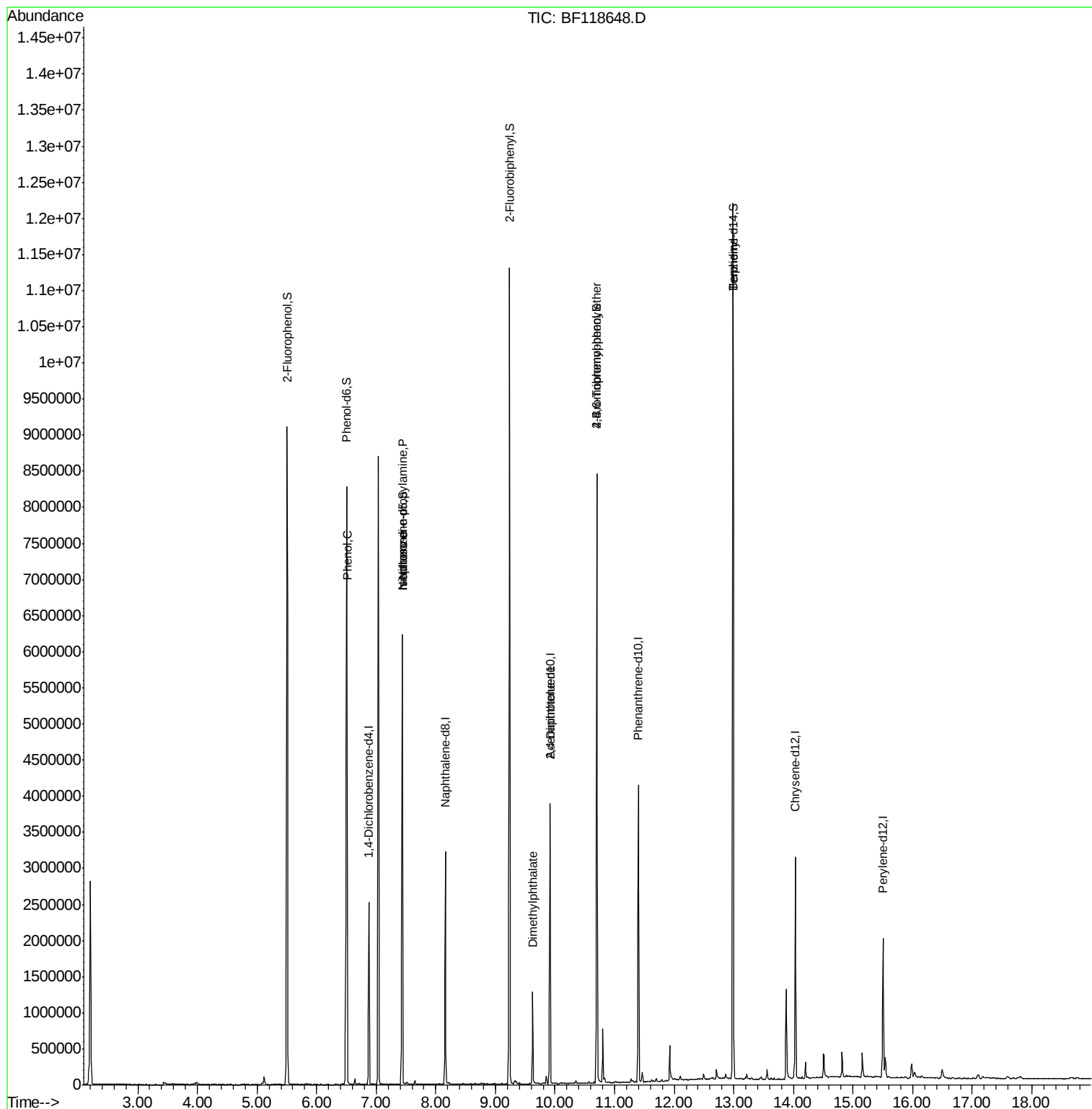
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	391114	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1437917	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	789092	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1434980	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	966824	20.00	ng	-0.01
87) Perylene-d12	15.50	264	928066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2899672	137.69	ng	0.00
7) Phenol-d6	6.50	99	3668834	134.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	2366275	92.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1203480	131.86	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4015425	83.64	ng	0.00
79) Terphenyl-d14	12.99	244	4698355	105.99	ng	0.00
Target Compounds						
10) Phenol	6.52	94	98001	3.142	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	329852	17.848	ng	# 75
25) Isophorone	7.44	82	2362118	50.377	ng	# 64
50) Dimethylphthalate	9.62	163	522403	10.161	ng	97
57) 2,4-Dinitrotoluene	9.92	165	102772	7.081	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	75730	4.272	ng	# 1
77) Benzidine	12.99	184	63267	2.449	ng	# 93

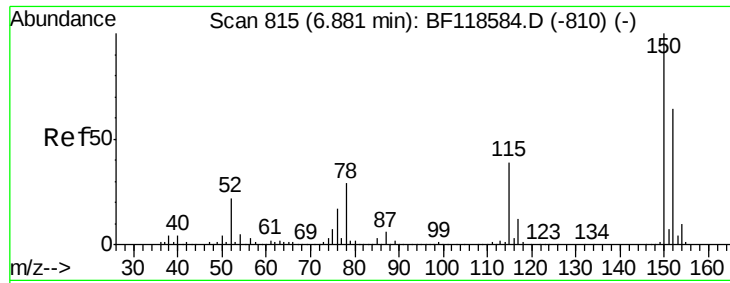
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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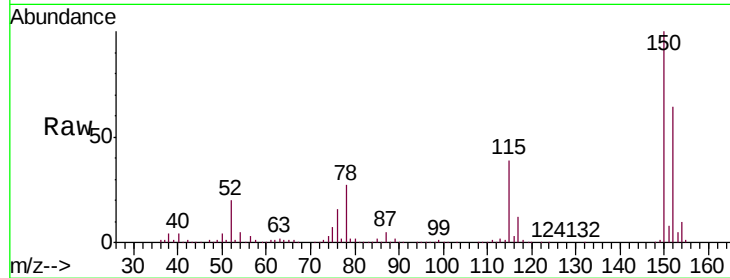




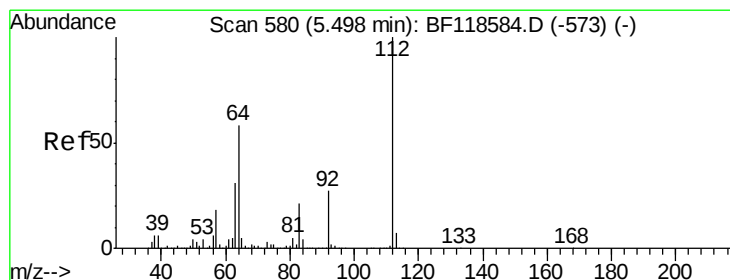
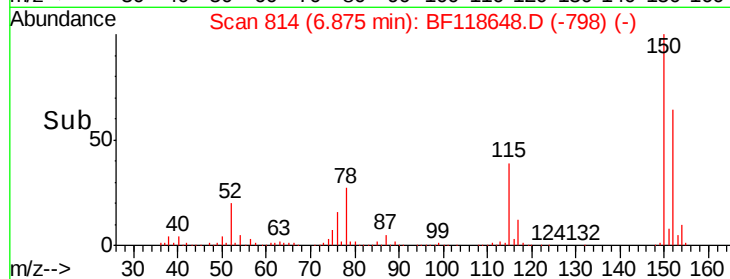
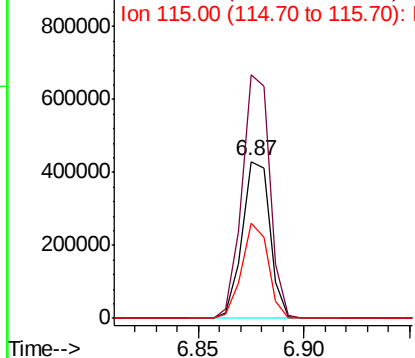
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118648.D
 Acq: 21 Jan 2020 22:41

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Tgt Ion:152 Resp: 391114
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.6 188.4
 115 60.4 48.4 72.6

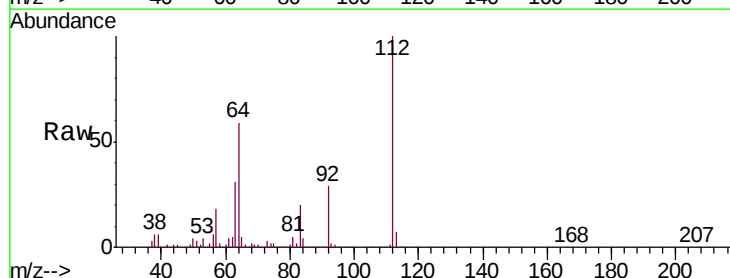


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

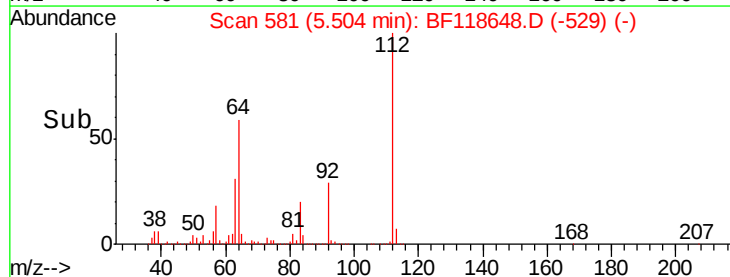
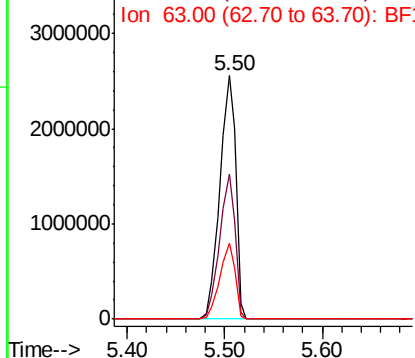


#5
 2-Fluorophenol
 Concen: 137.695 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118648.D
 Acq: 21 Jan 2020 22:41

Tgt Ion:112 Resp: 2899672
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.6 70.0
 63 31.1 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: 134.041 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampleId :

EP-2

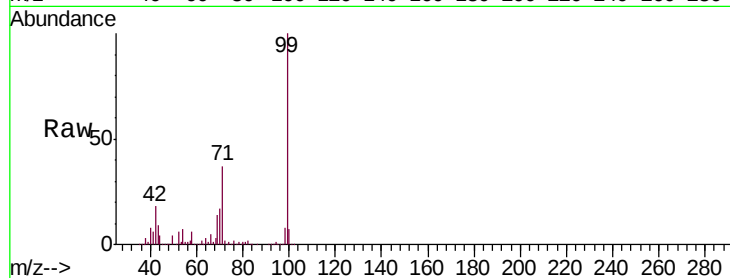
Tgt Ion: 99 Resp: 3668834

Ion Ratio Lower Upper

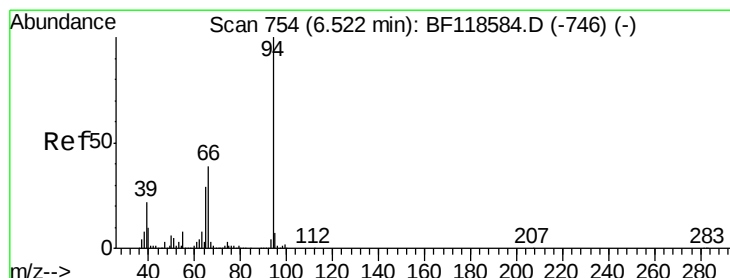
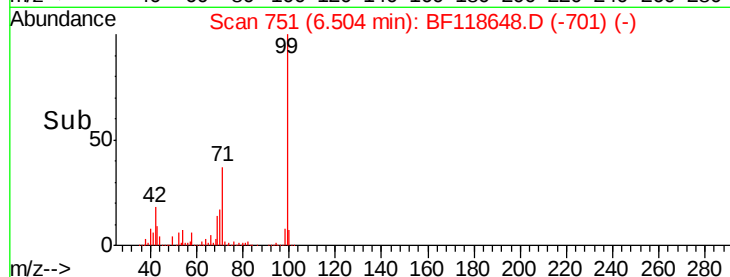
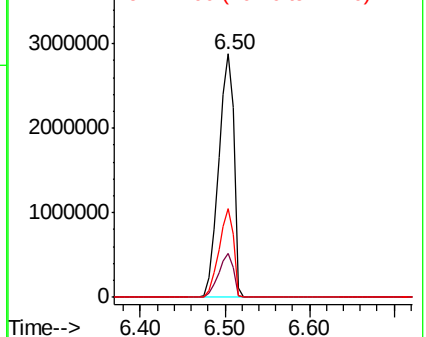
99 100

42 18.2 14.2 21.2

71 36.5 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: 3.142 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

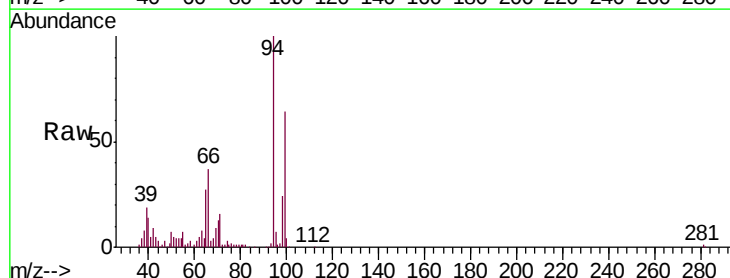
Tgt Ion: 94 Resp: 98001

Ion Ratio Lower Upper

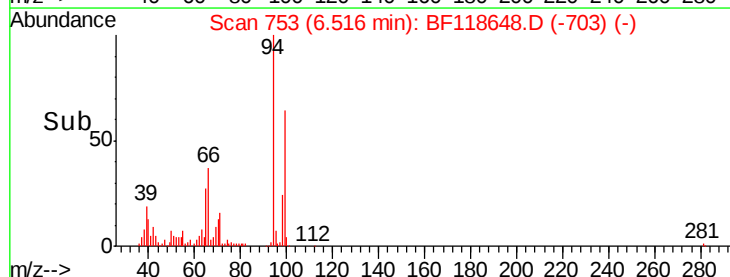
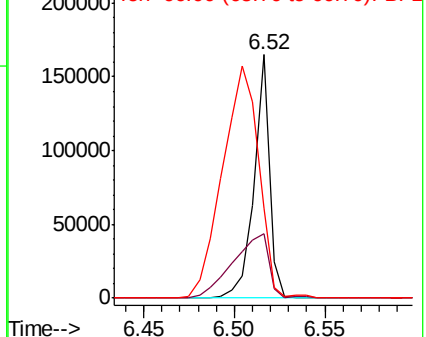
94 100

65 26.7 9.5 49.5

66 37.2 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

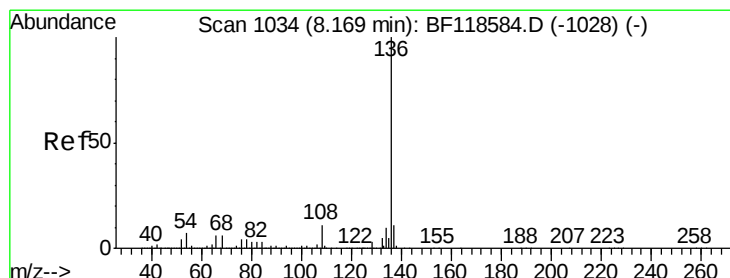
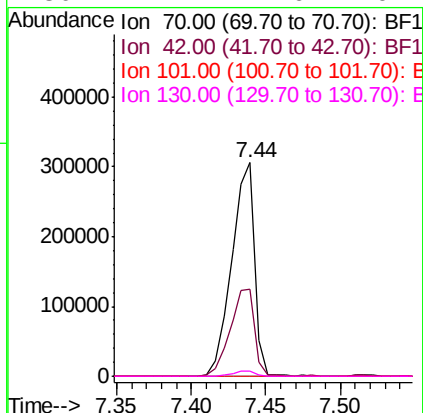
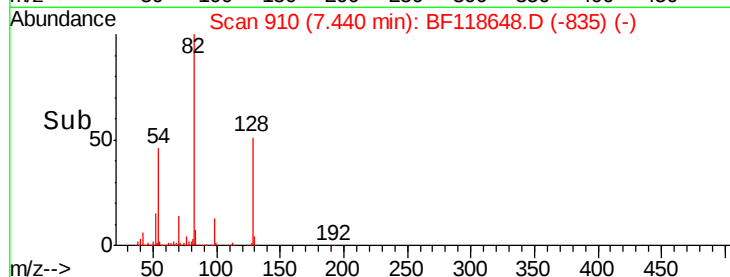
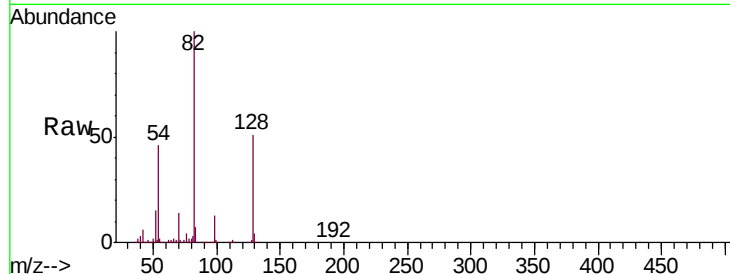




#19
n-Nitroso-di-n-propylamine
Concen: 17.848 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

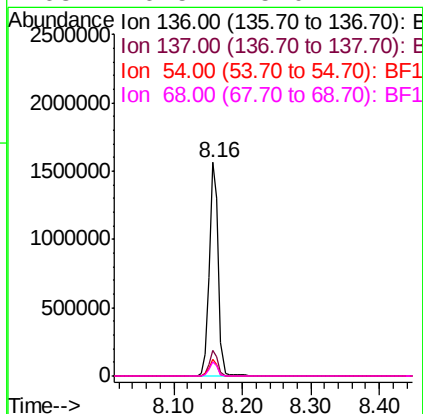
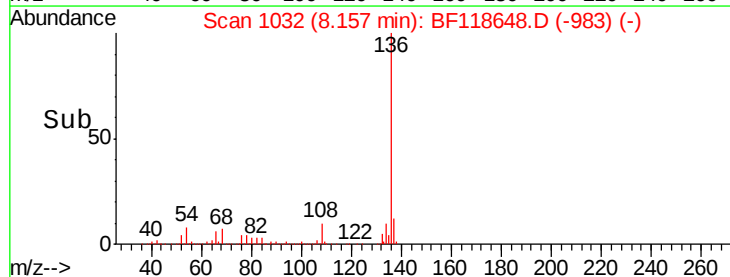
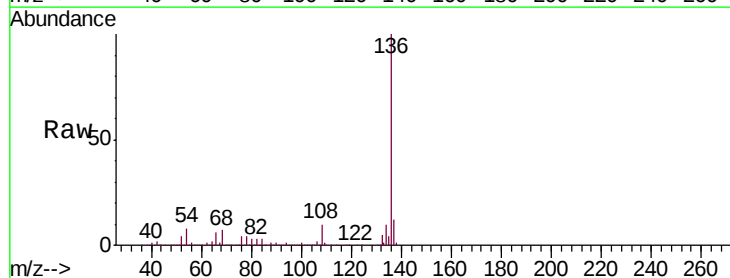
Instrument :
BNA_F
ClientSampleId :
EP-2

Tgt Ion:	70	Resp:	329852
Ion	Ratio	Lower	Upper
70	100		
42	40.9	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: BF118648.D
Acq: 21 Jan 2020 22:41

Tgt Ion:	136	Resp:	1437917
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.8	5.8	8.6
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 92.046 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampleId :

EP-2

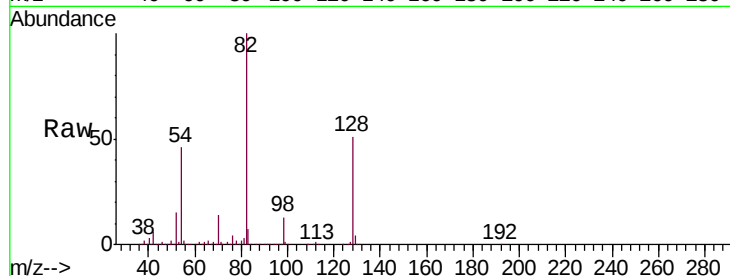
Tgt Ion: 82 Resp: 2366275

Ion Ratio Lower Upper

82 100

128 50.7 36.6 54.8

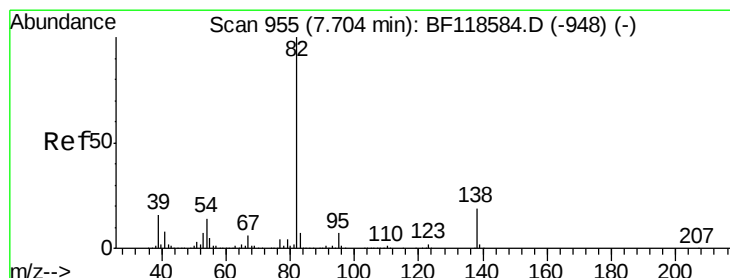
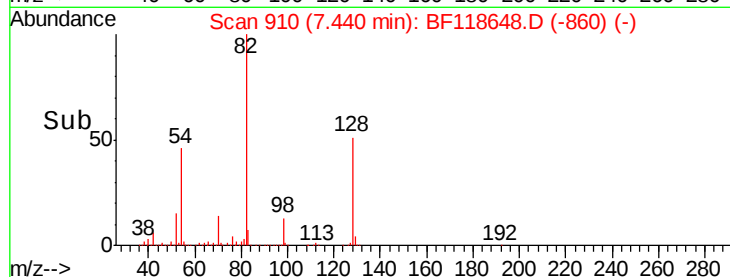
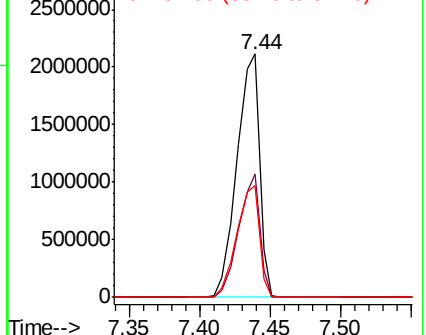
54 45.7 38.0 57.0



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: 50.377 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

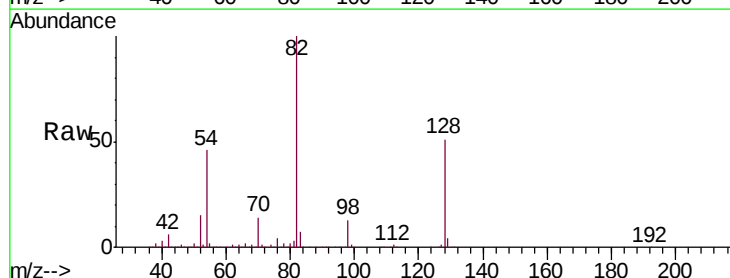
Tgt Ion: 82 Resp: 2362118

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

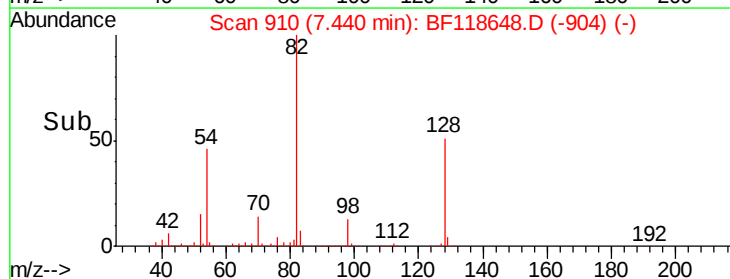
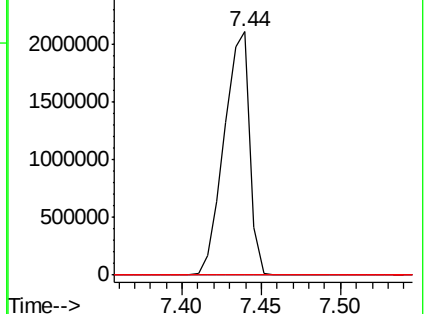
138 0.0 15.3 22.9#

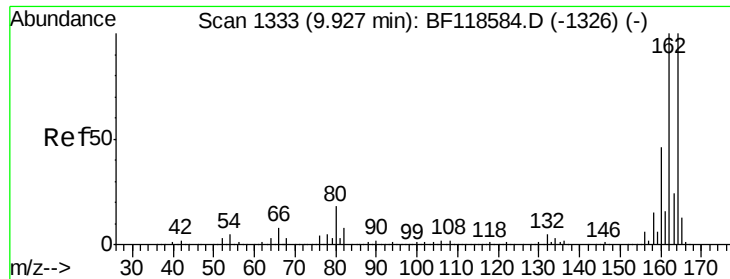


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

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ClientSampleId :

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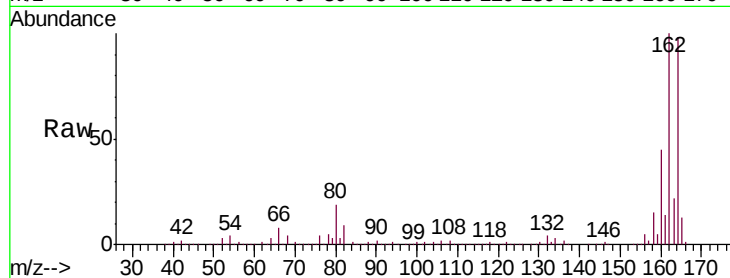
Tgt Ion:164 Resp: 789092

Ion Ratio Lower Upper

164 100

162 102.4 80.4 120.6

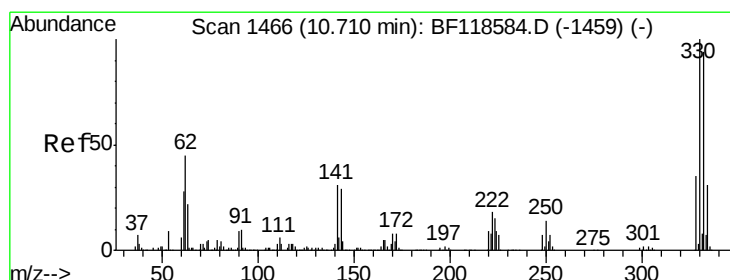
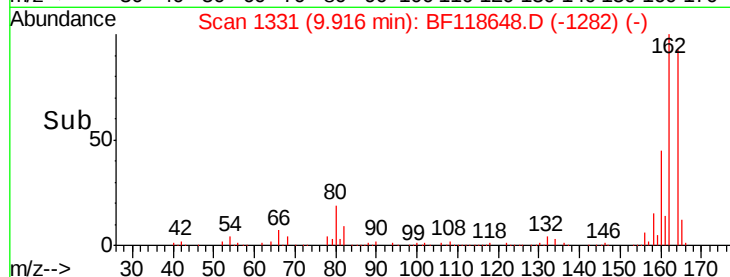
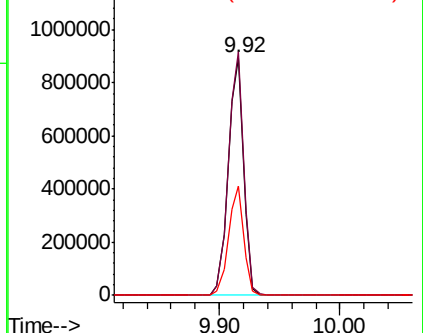
160 46.0 36.6 55.0



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: 131.861 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

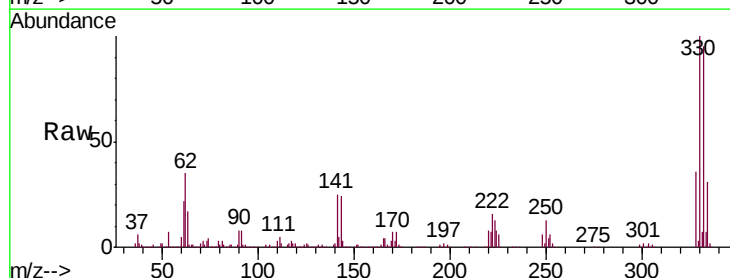
Tgt Ion:330 Resp: 1203480

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

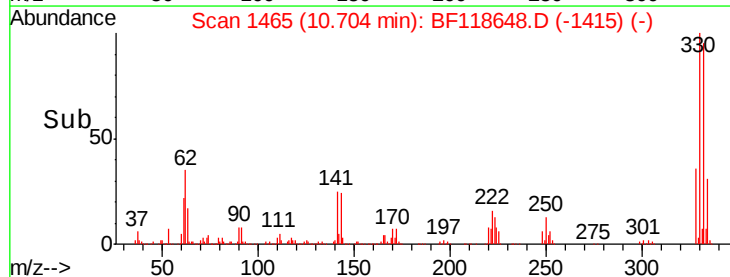
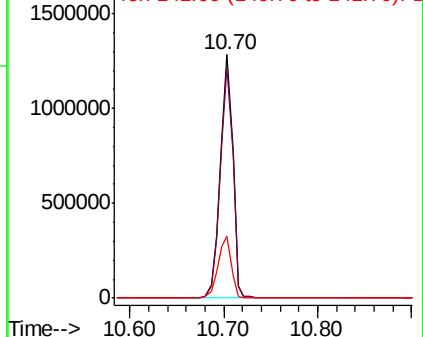
141 26.7 23.9 35.9

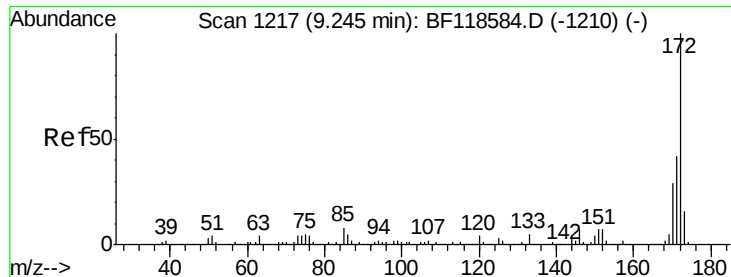


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

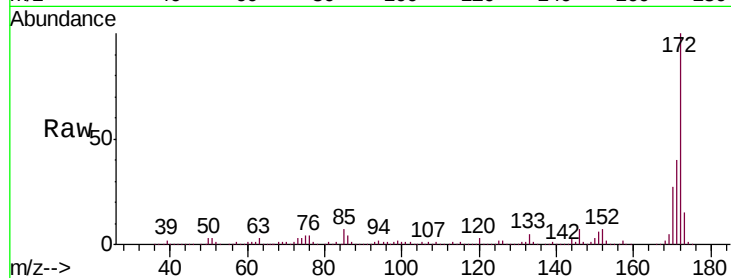




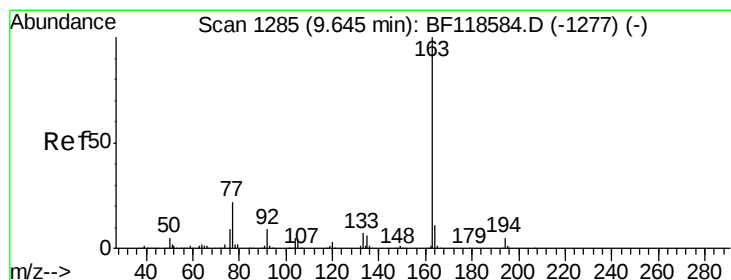
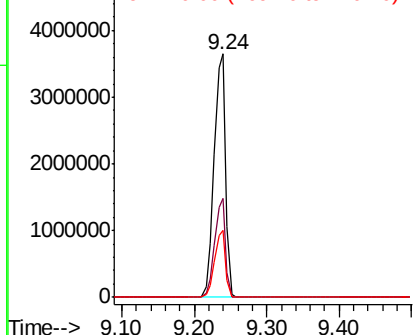
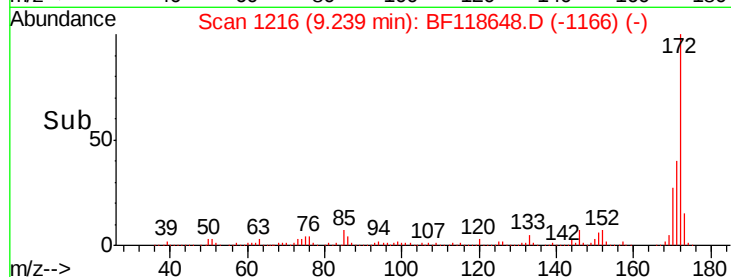
#45
 2-Fluorobiphenyl
 Concen: 83.638 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118648.D
 Acq: 21 Jan 2020 22:41

Instrument :
 BNA_F
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 EP-2

Tgt Ion:172 Resp: 4015425
 Ion Ratio Lower Upper
 172 100
 171 40.4 33.4 50.2
 170 27.4 23.2 34.8

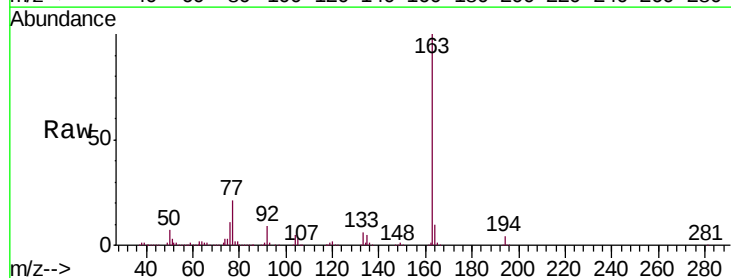


Abundance Ion 172.00 (171.70 to 172.70): E
 5000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

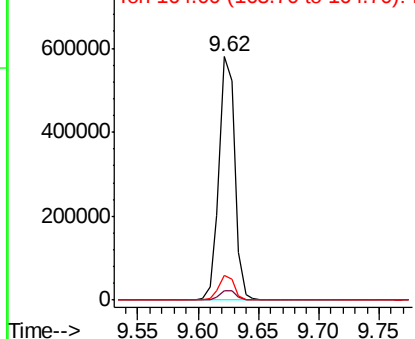
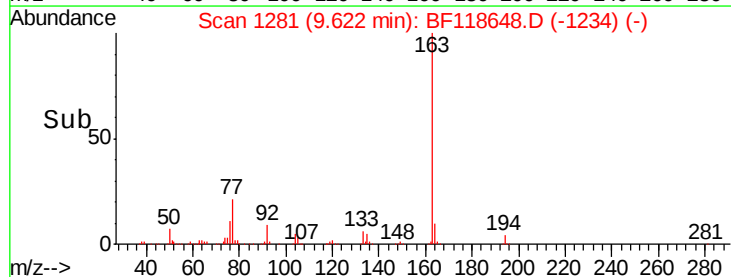


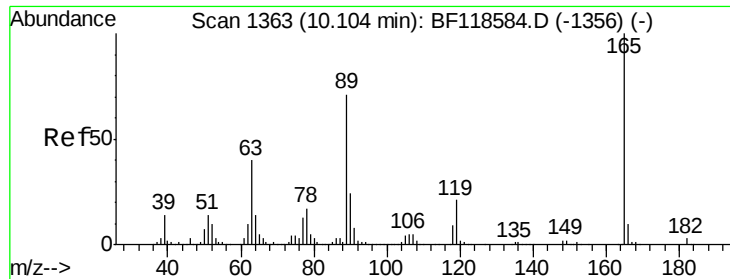
#50
 Dimethylphthalate
 Concen: 10.161 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF118648.D
 Acq: 21 Jan 2020 22:41

Tgt Ion:163 Resp: 522403
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.9 5.9
 164 10.2 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E
 800000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

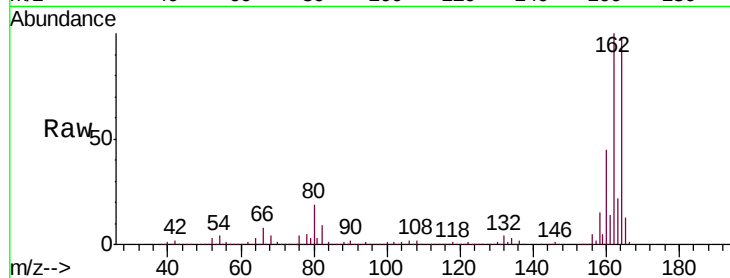




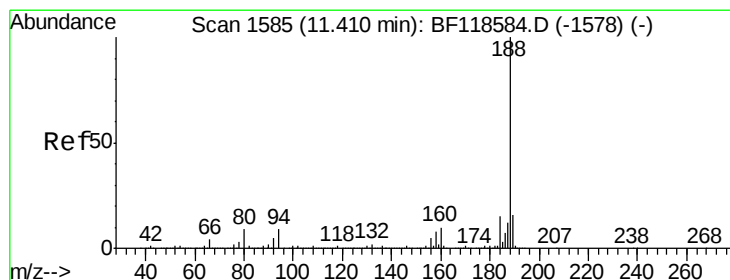
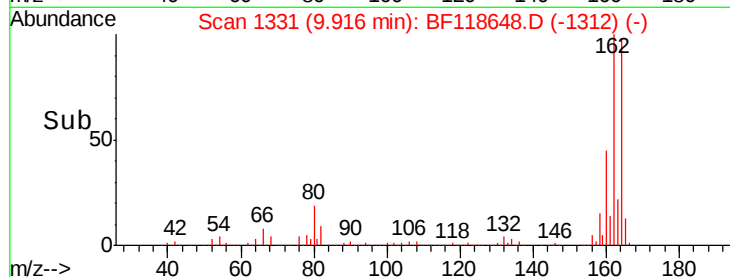
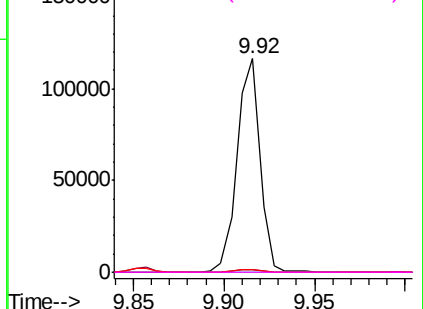
#57
2,4-Dinitrotoluene
Concen: 7.081 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Instrument :
BNA_F
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EP-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.3	56.4	84.6#
182	0.0	2.3	3.5#

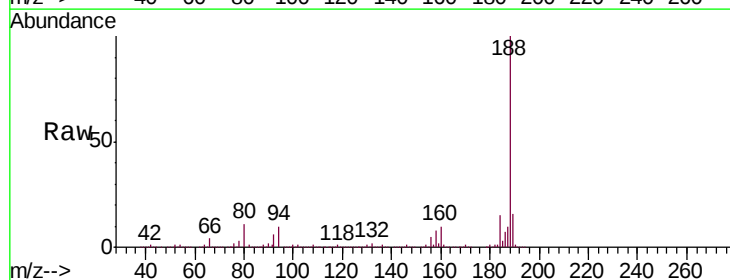


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

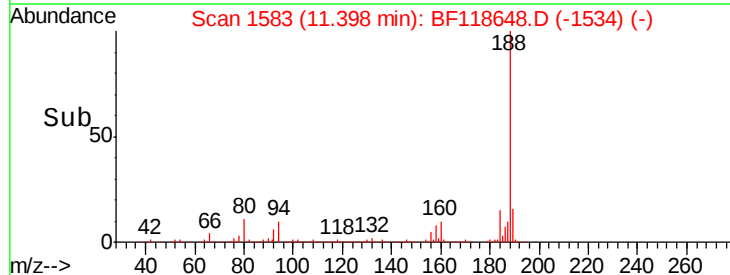
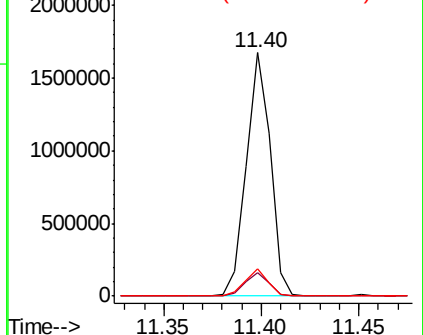


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	11.0	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

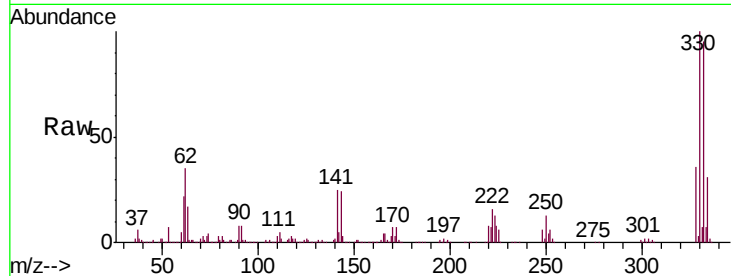




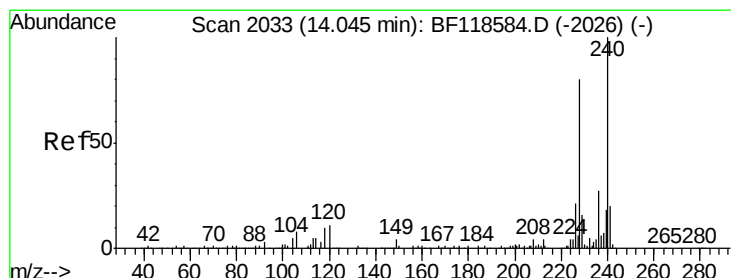
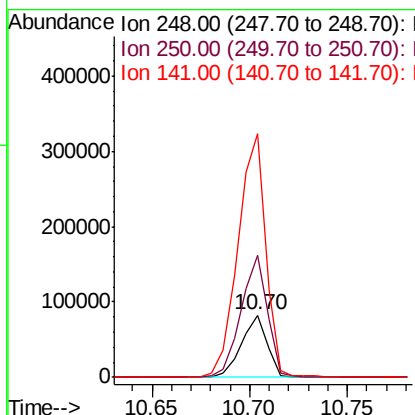
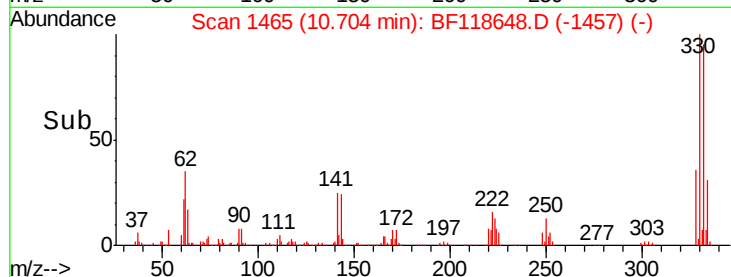
#67
4-Bromophenyl-phenylether
Concen: 4.272 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Instrument :
BNA_F
ClientSampleId :
EP-2

Tgt Ion: 248 Resp: 75730
Ion Ratio Lower Upper
248 100
250 197.9 78.7 118.1#
141 392.9 43.2 64.8#

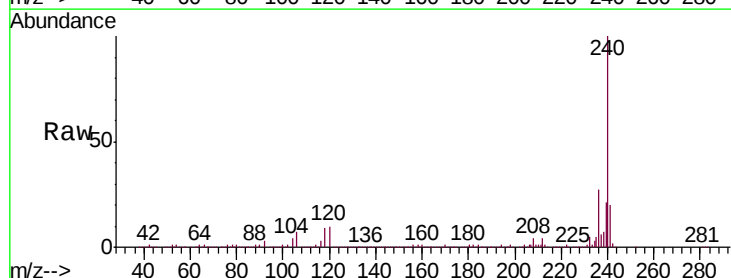


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

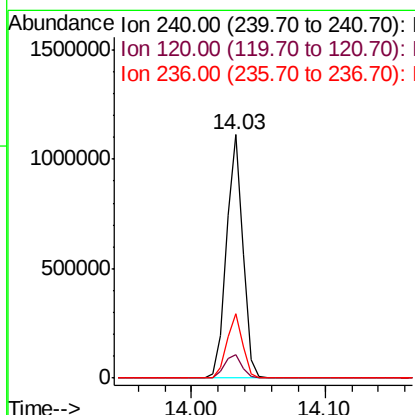
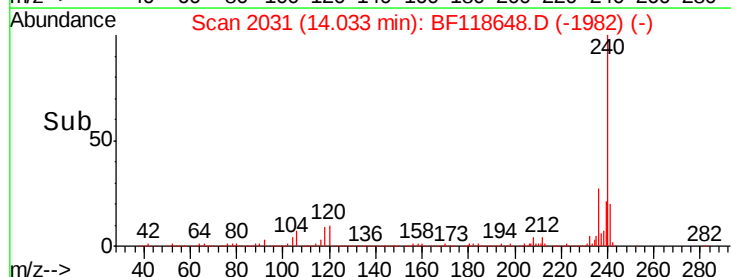


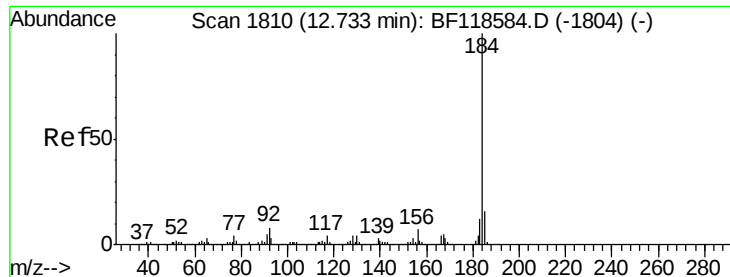
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Tgt Ion: 240 Resp: 966824
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.7 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: 2.449 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.25 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampleId :

EP-2

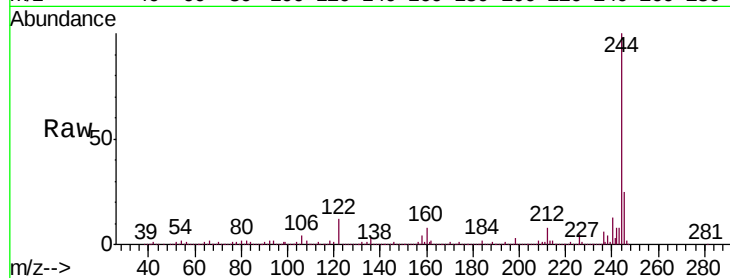
Tgt Ion:184 Resp: 63267

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

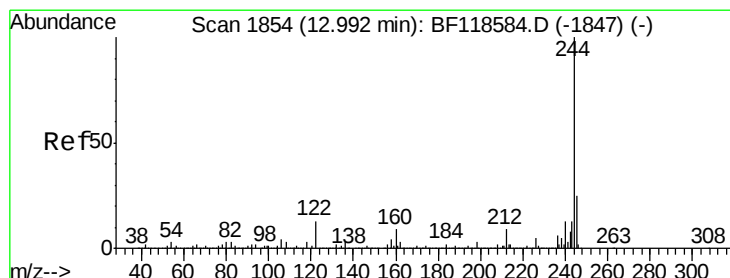
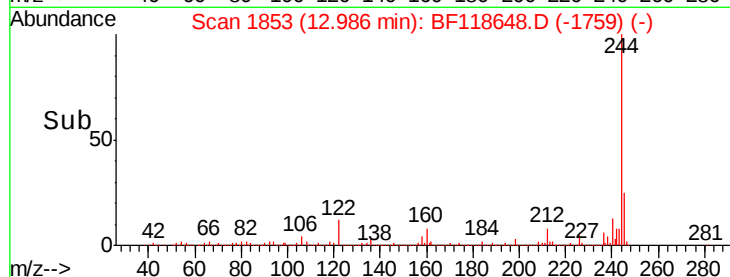
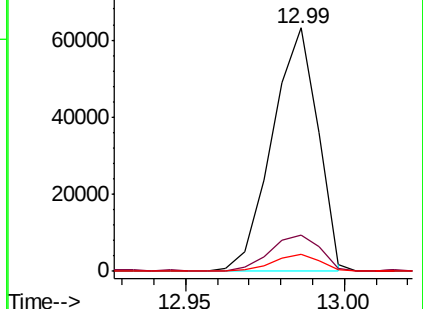
183 6.9 9.6 14.4#



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: 105.992 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

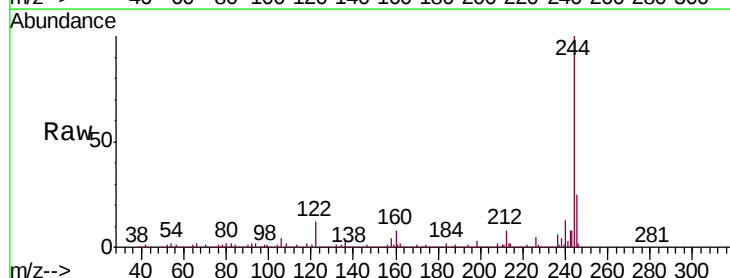
Tgt Ion:244 Resp: 4698355

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

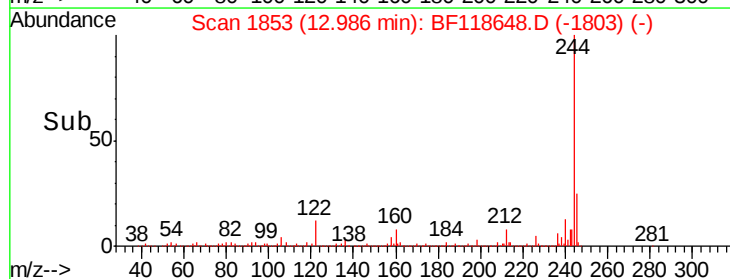
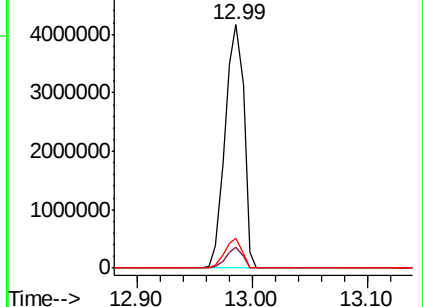
122 12.3 10.7 16.1

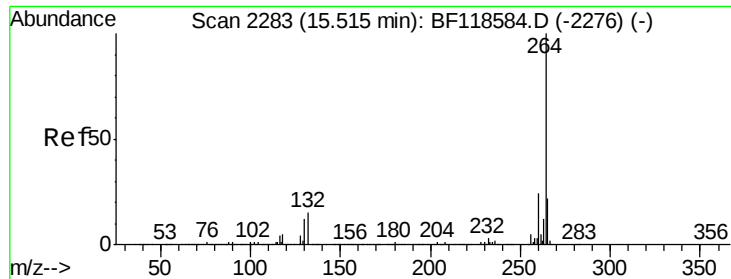


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

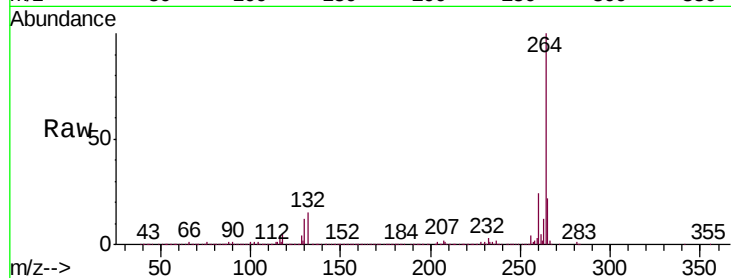




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Instrument :
BNA_F
ClientSampleId :
EP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	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

