

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118715.D
 Acq On : 27 Jan 2020 12:47
 Operator : CG/JU
 Sample : L1241-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Quant Time: Jan 27 14:07:37 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

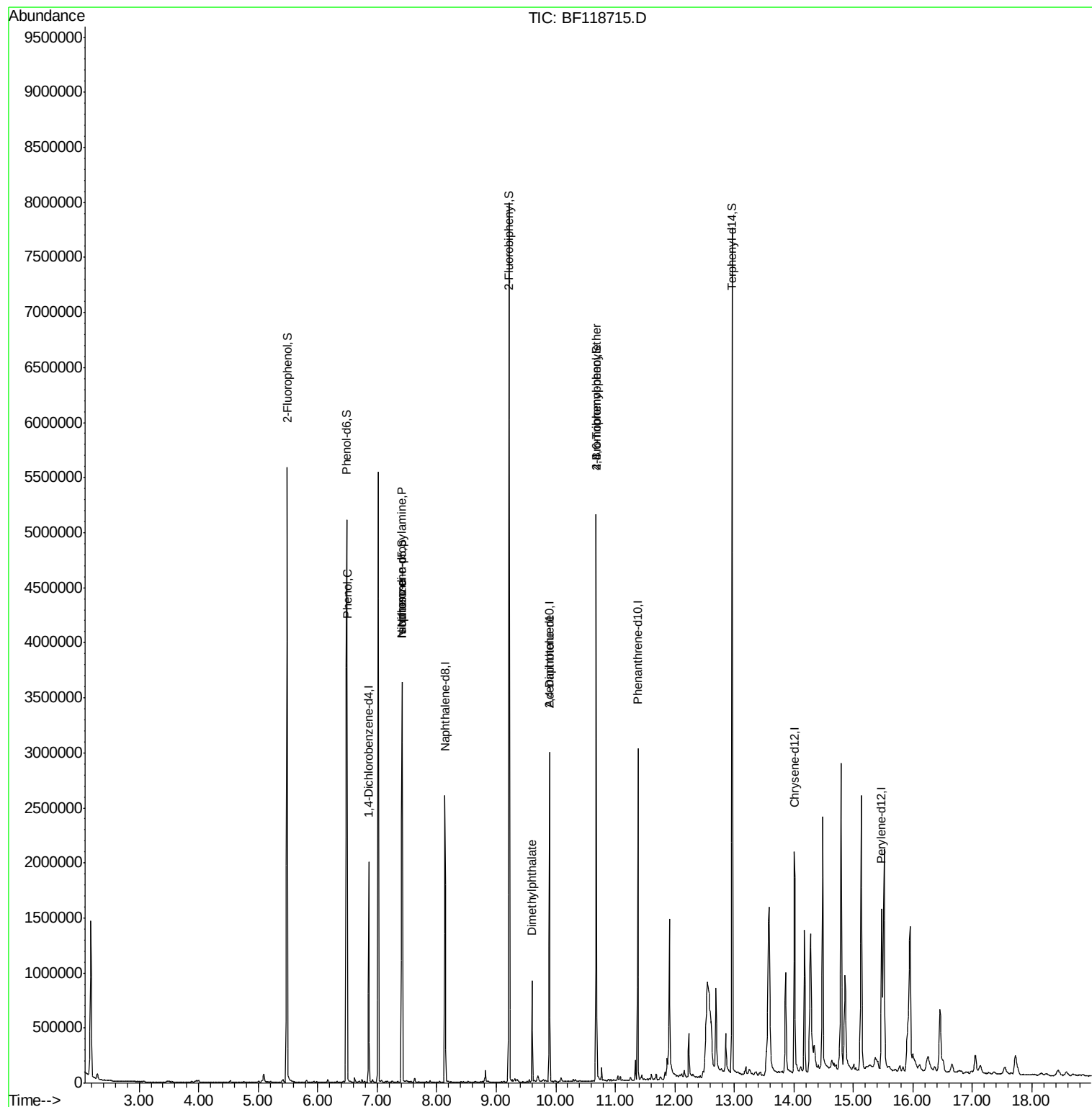
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	312175	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	1168874	20.00	ng	-0.03
39) Acenaphthene-d10	9.89	164	638815	20.00	ng	-0.04
64) Phenanthrene-d10	11.38	188	1112978	20.00	ng	-0.03
76) Chrysene-d12	14.01	240	697706	20.00	ng	-0.04
87) Perylene-d12	15.47	264	653608	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1698448	101.05	ng	-0.01
7) Phenol-d6	6.49	99	2095225	95.91	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1339616	64.10	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	725832	98.24	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	2610196	67.16	ng	-0.03
79) Terphenyl-d14	12.96	244	2826606	88.36	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	59417	2.387	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	183061	12.410	ng	# 76
25) Isophorone	7.42	82	1337142	35.081	ng	# 64
50) Dimethylphthalate	9.60	163	330520	7.941	ng	97
57) 2,4-Dinitrotoluene	9.89	165	83041	7.068	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	45908	3.339	ng	# 1

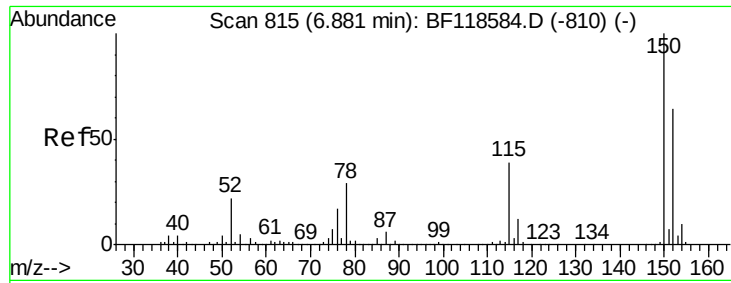
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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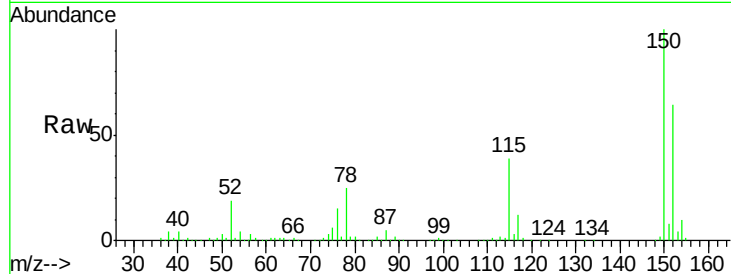


#1

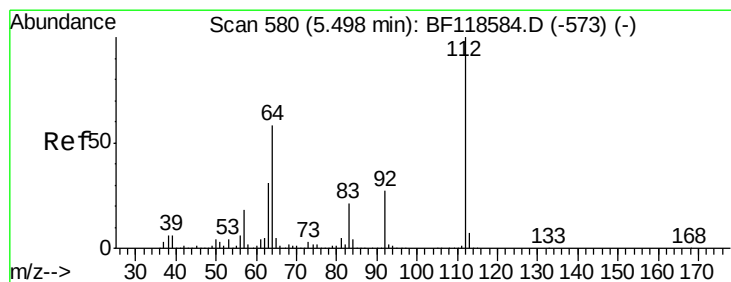
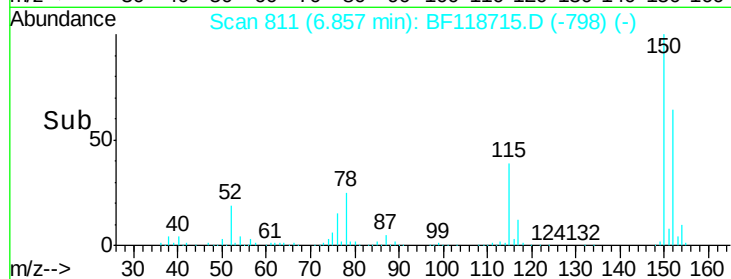
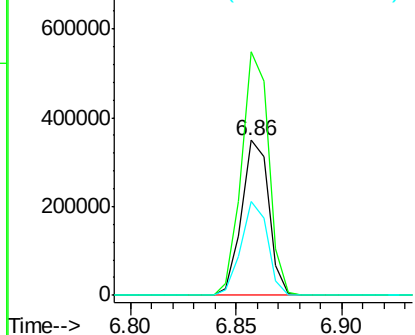
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Instrument :
BNA_F
ClientSampleId :
EP-13

Tot Ion:152 Resp: 312175
Ion Ratio Lower Upper
152 100
150 157.1 125.6 188.4
115 60.9 48.4 72.6



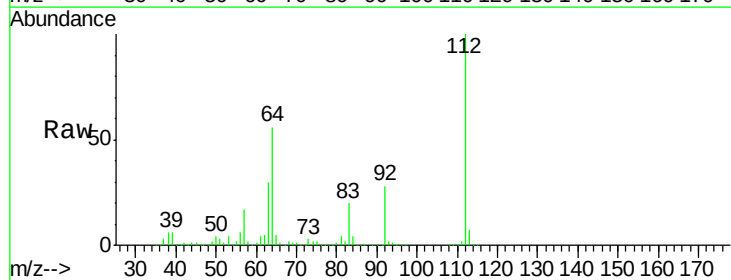
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



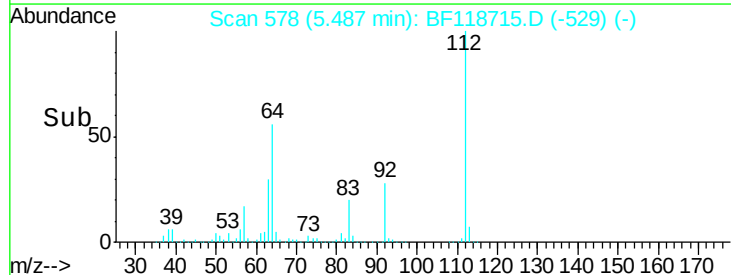
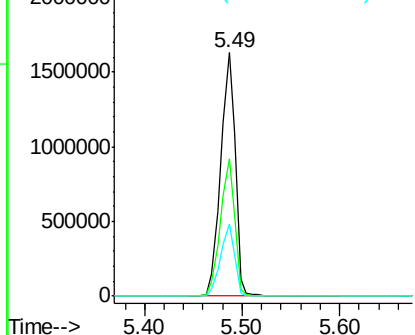
#5

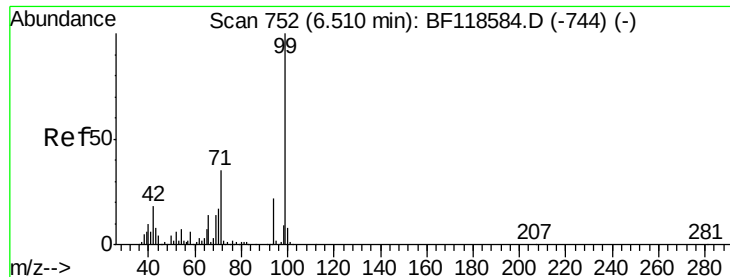
2-Fluorophenol
Concen: 101.047 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:112 Resp: 1698448
Ion Ratio Lower Upper
112 100
64 56.4 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: 95.906 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

Instrument :

BNA_F

ClientSampled :

EP-13

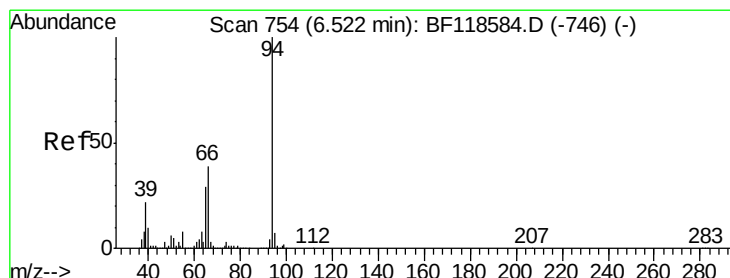
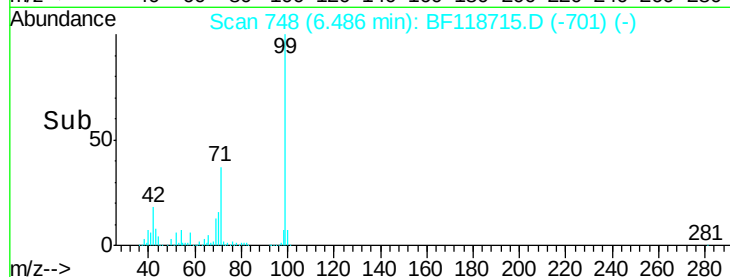
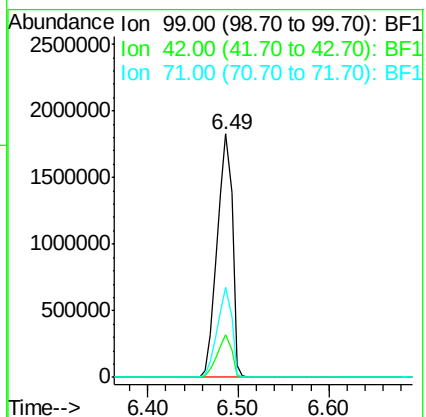
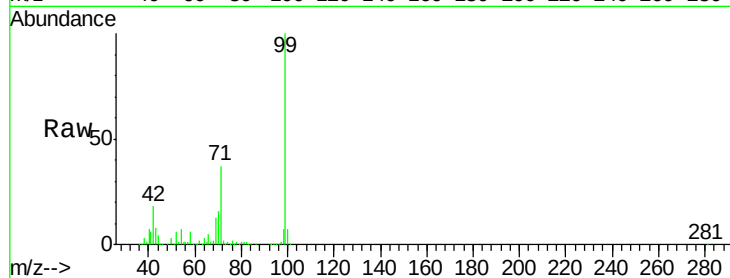
Tot Ion: 99 Resp: 2095225

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.2	21.2
71	36.7	27.8	41.6

99 100

42 17.5 14.2 21.2

71 36.7 27.8 41.6



#10

Phenol

Concen: 2.387 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

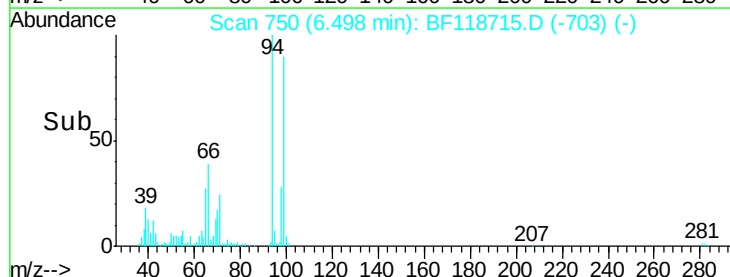
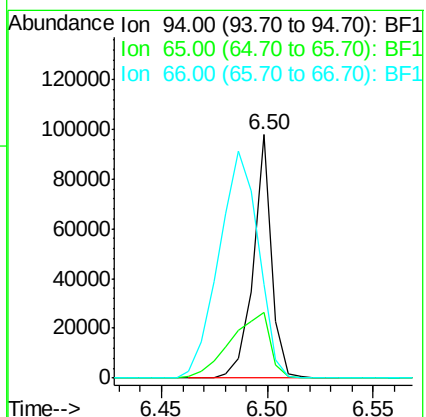
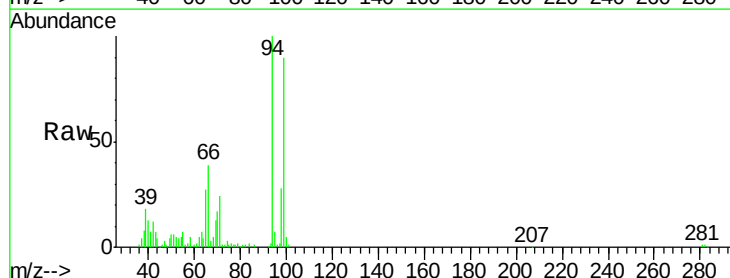
Tgt Ion: 94 Resp: 59417

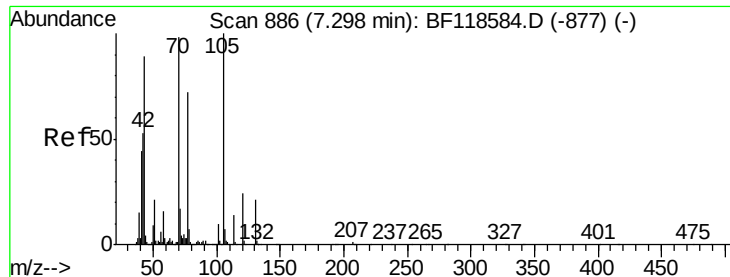
Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.5	49.5
66	38.8	18.5	58.5

94 100

65 26.7 9.5 49.5

66 38.8 18.5 58.5

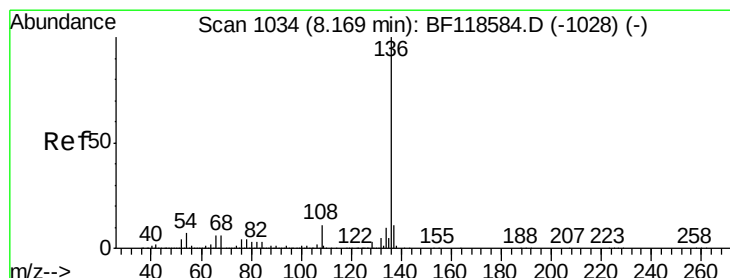
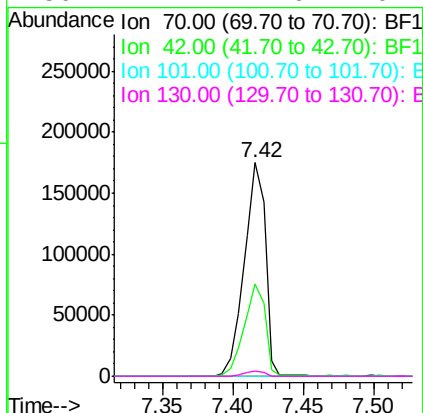
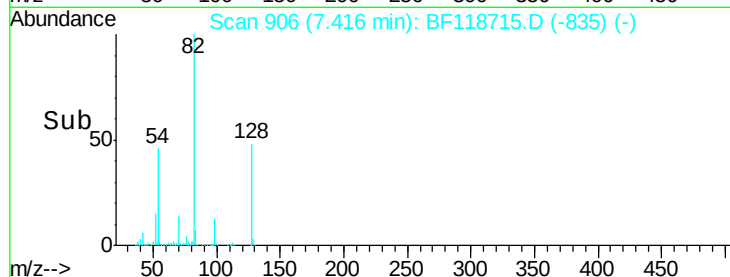
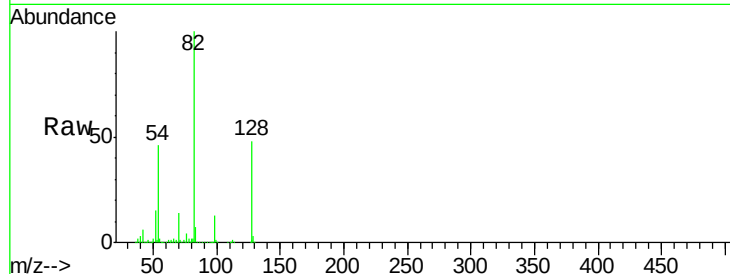




#19
n-Nitroso-di-n-propylamine
Concen: 12.410 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.12 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

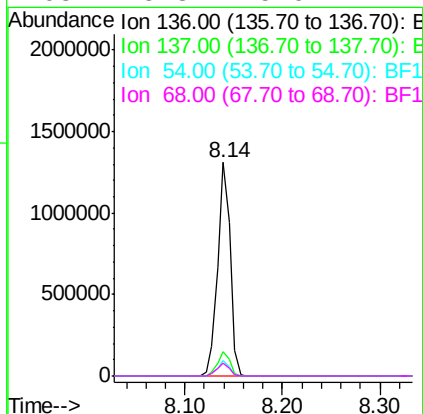
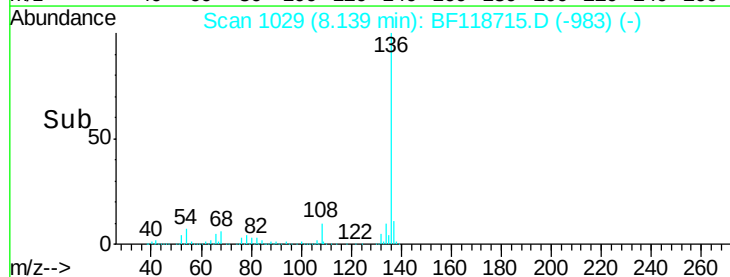
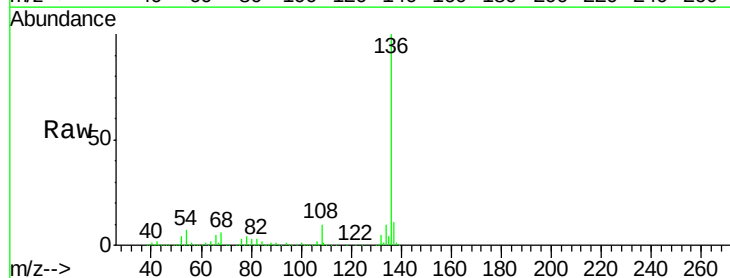
Instrument :
BNA_F
ClientSampleId :
EP-13

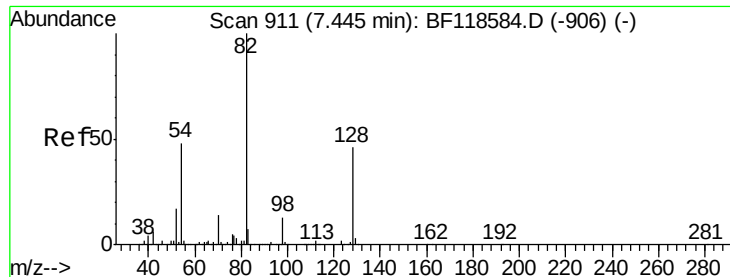
Tot Ion: 70 Resp: 183061
Ion Ratio Lower Upper
70 100
42 42.9 43.4 65.0#
101 0.0 8.1 12.1#
130 2.2 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion: 136 Resp: 1168874
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.0 5.8 8.6
68 5.8 5.0 7.4



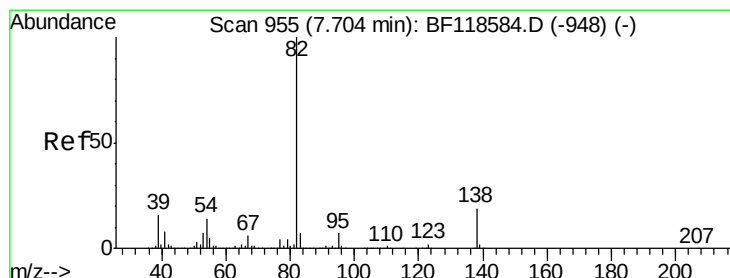
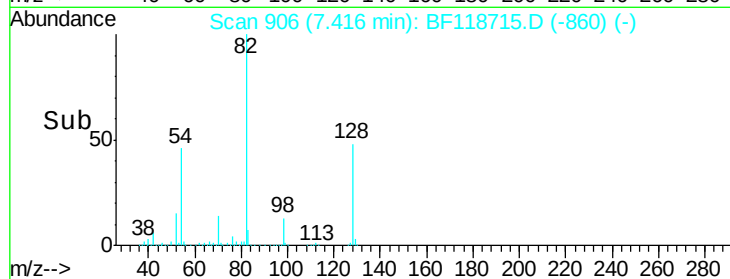
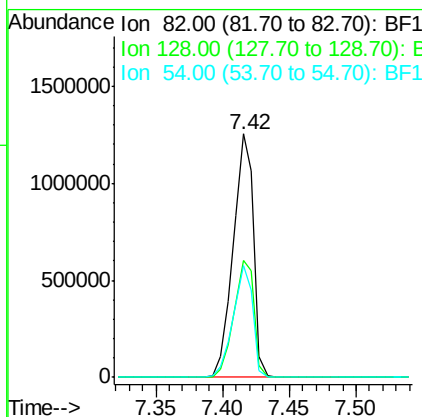
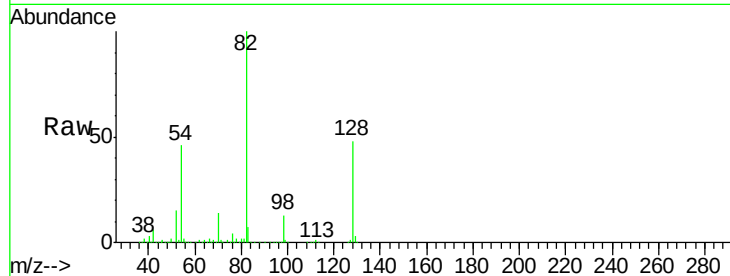


#23
 Nitrobenzene-d5
 Concen: 64.104 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.03 min
 Lab File: BF118715.D
 Acq: 27 Jan 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Tot Ion: 82 Resp: 1339616

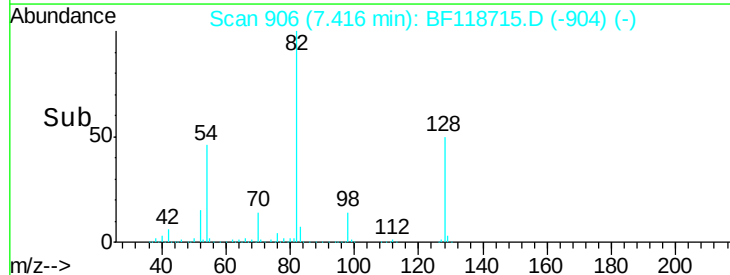
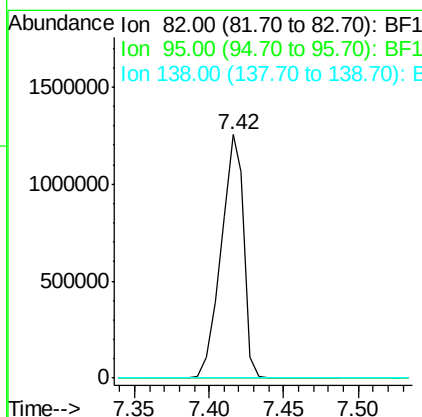
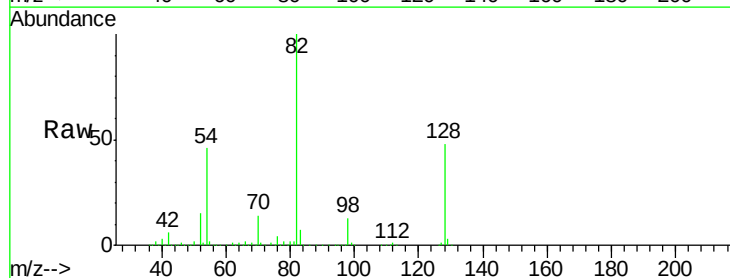
Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.6	54.8
54	46.2	38.0	57.0

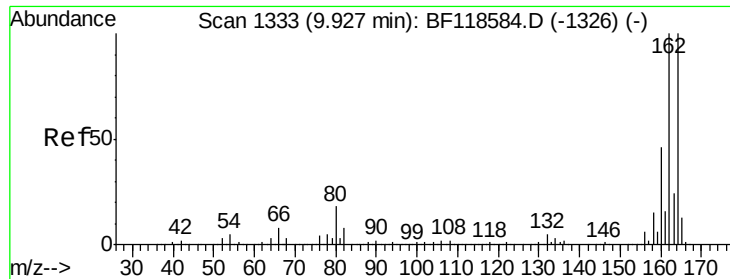


#25
 Isophorone
 Concen: 35.081 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.29 min
 Lab File: BF118715.D
 Acq: 27 Jan 2020 12:47

Tgt Ion: 82 Resp: 1337142

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: 9.89 min Scan# 1327

Delta R.T. -0.04 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

Instrument :

BNA_F

ClientSampled :

EP-13

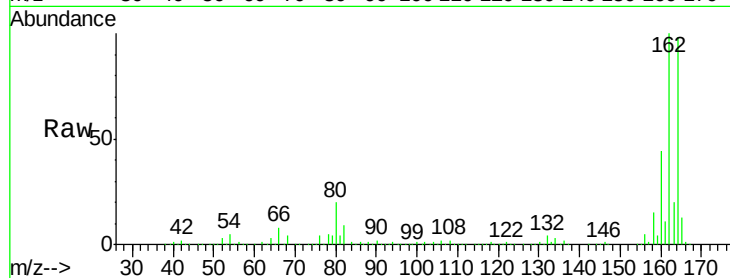
Tot Ion:164 Resp: 638815

Ion Ratio Lower Upper

164 100

162 102.0 80.4 120.6

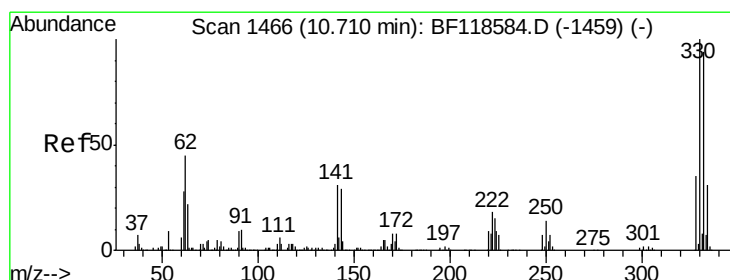
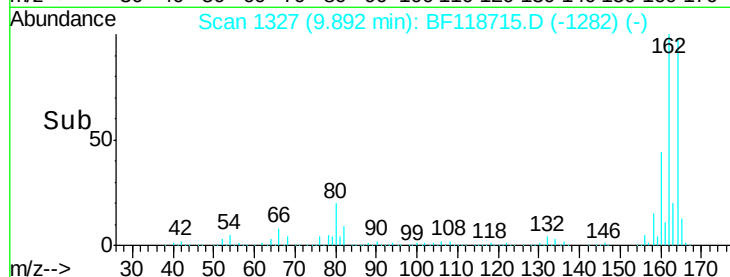
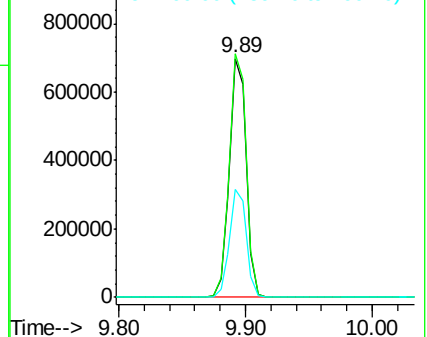
160 45.2 36.6 55.0



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: 98.235 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.03 min

Lab File: BF118715.D

Acq: 27 Jan 2020 12:47

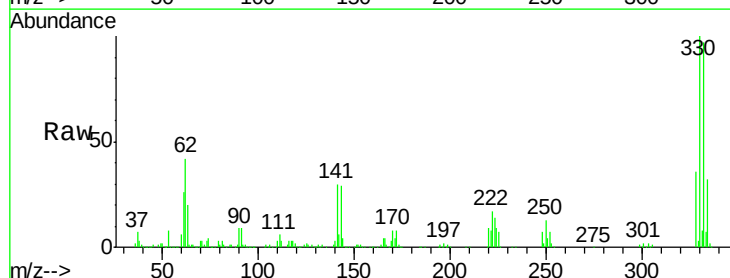
Tgt Ion:330 Resp: 725832

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

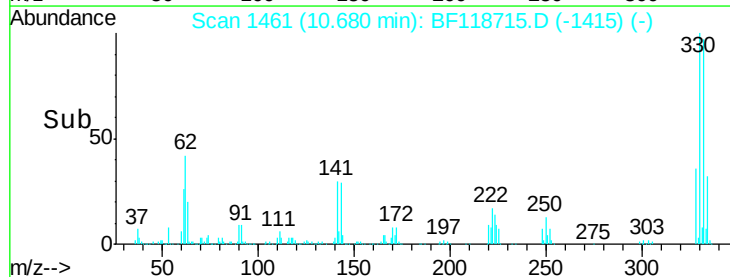
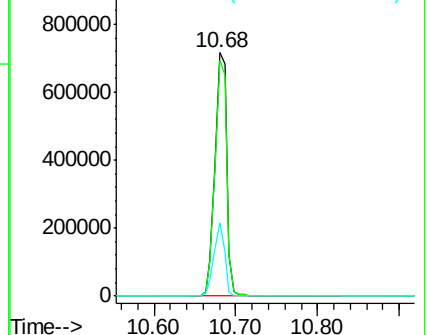
141 27.4 23.9 35.9

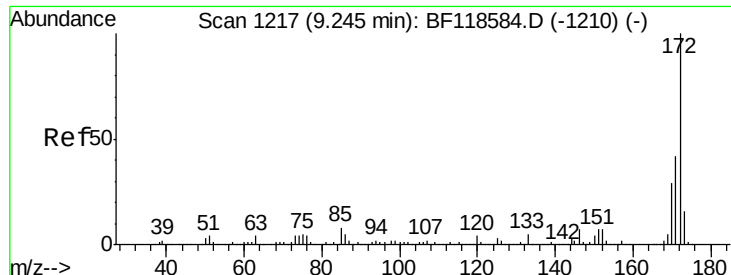


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

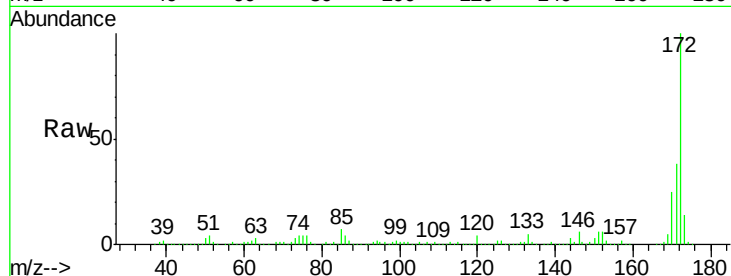




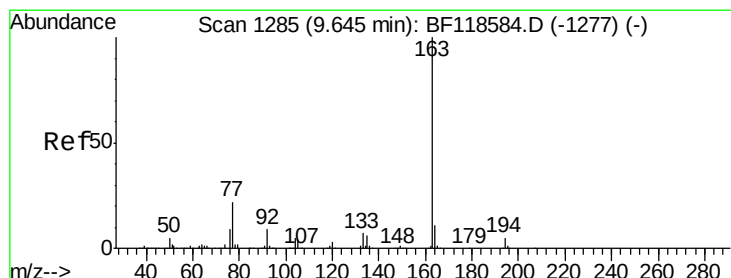
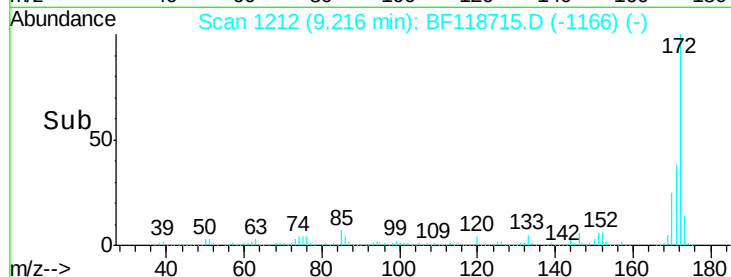
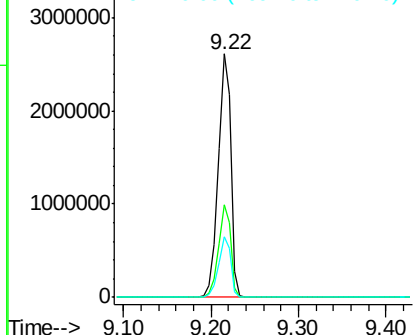
#45
2-Fluorobiphenyl
Concen: 67.158 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Instrument :
BNA_F
ClientSampleId :
EP-13

Tot Ion:172 Resp: 2610196
Ion Ratio Lower Upper
172 100
171 38.1 33.4 50.2
170 25.0 23.2 34.8

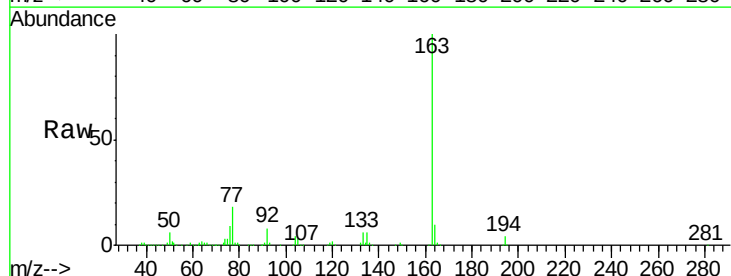


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

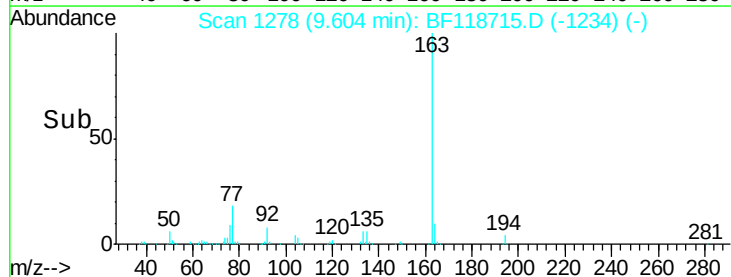
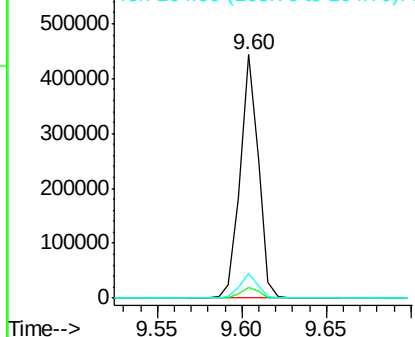


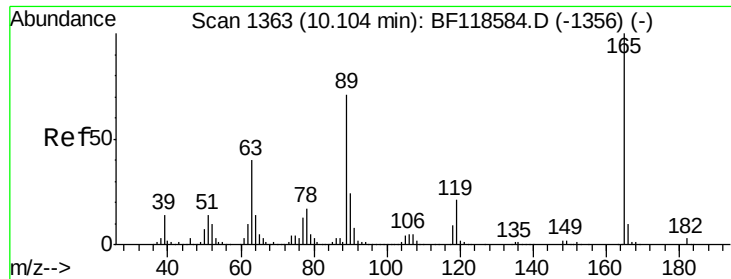
#50
Dimethylphthalate
Concen: 7.941 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.04 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:163 Resp: 330520
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.3 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

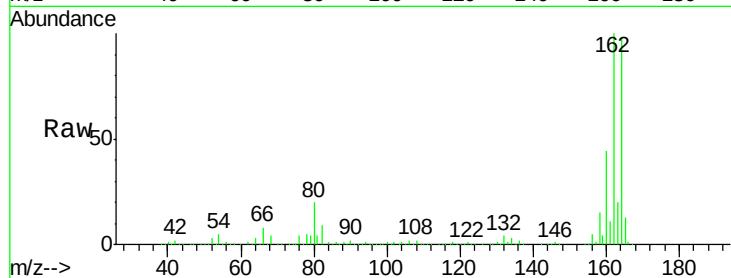




#57
 2,4-Dinitrotoluene
 Concen: 7.068 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF118715.D
 Acq: 27 Jan 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.4	48.6#
89	1.2	56.4	84.6#
182	0.0	2.3	3.5#

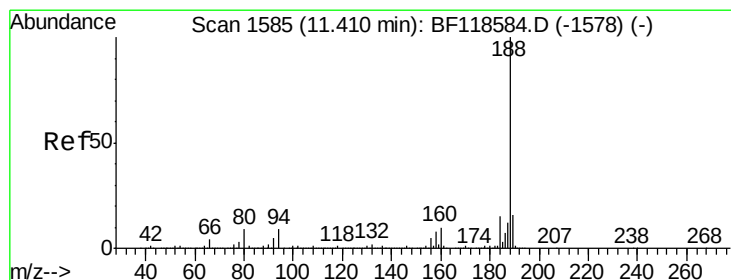
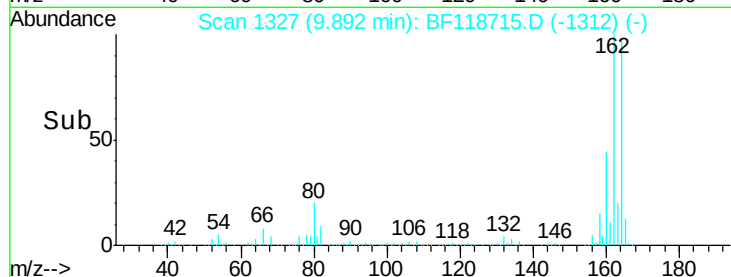
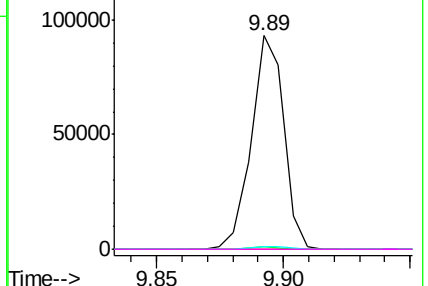


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

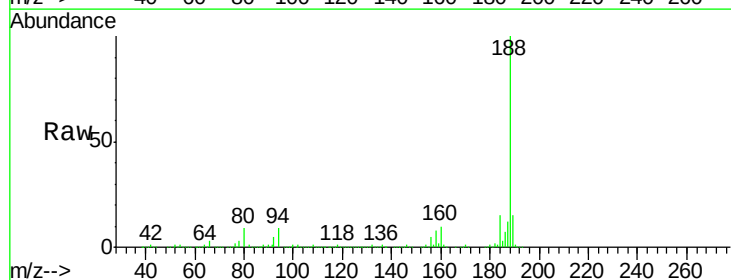
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF118715.D
 Acq: 27 Jan 2020 12:47

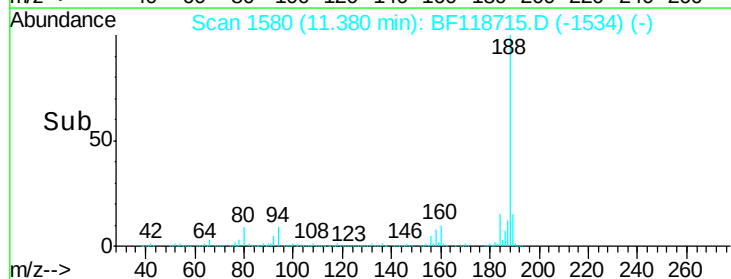
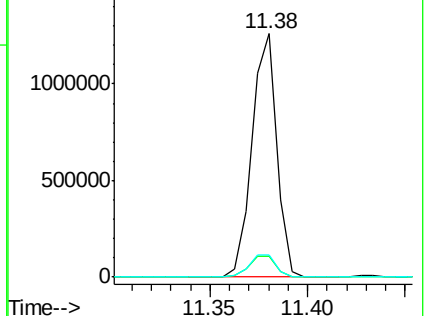
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.2	7.5	11.3

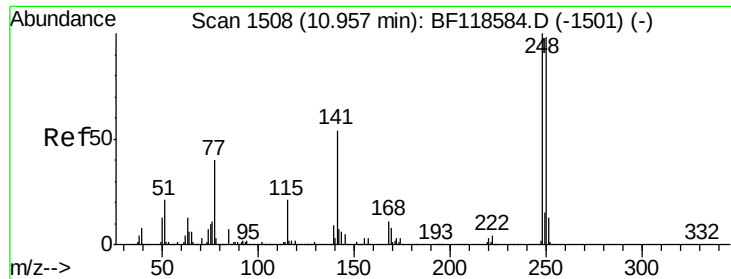


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

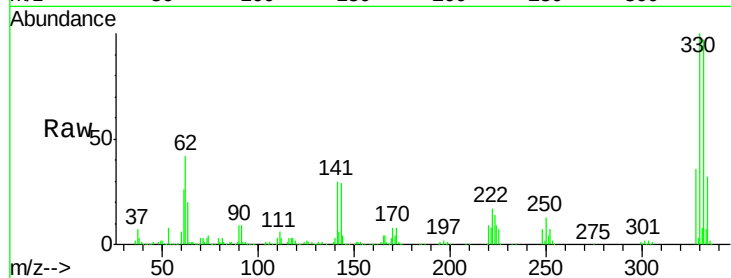




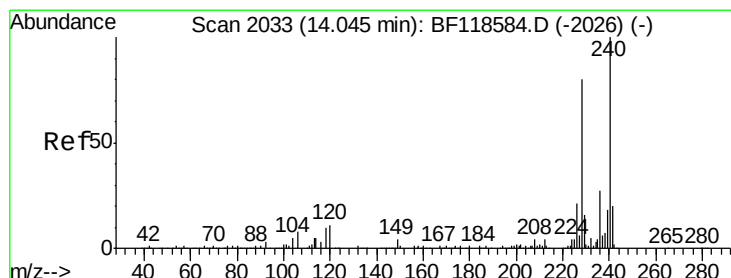
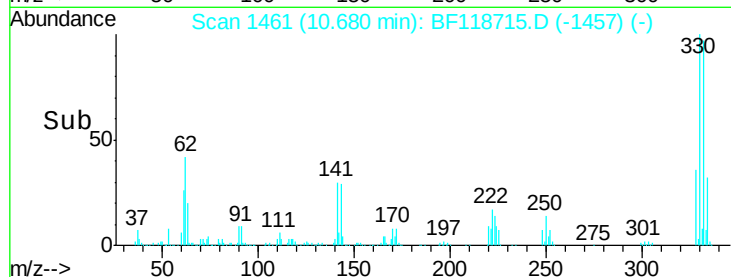
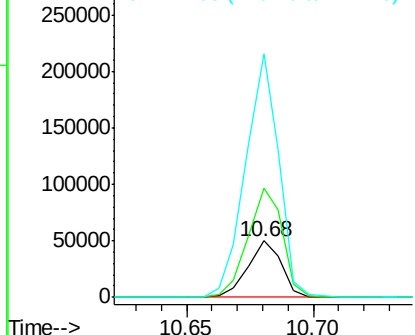
#67
4-Bromophenyl-phenylether
Concen: 3.339 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.28 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Instrument :
BNA_F
ClientSampled :
EP-13

Tot Ion:248 Resp: 45908
Ion Ratio Lower Upper
248 100
250 194.3 78.7 118.1#
141 433.8 43.2 64.8#

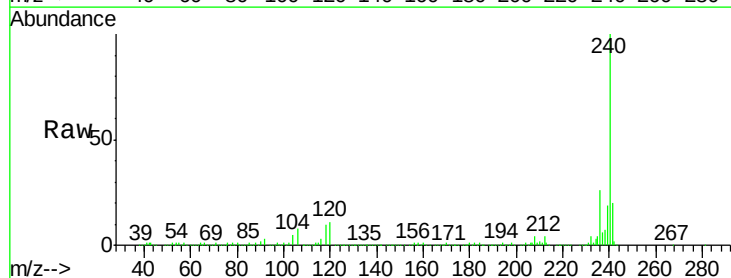


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

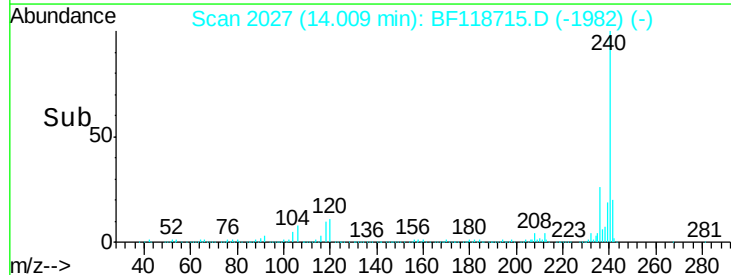
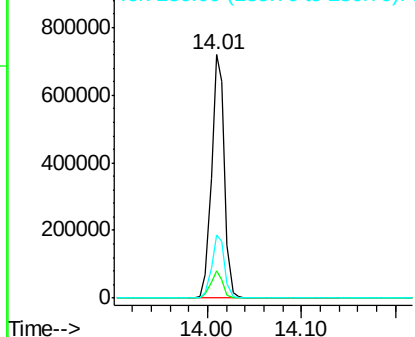


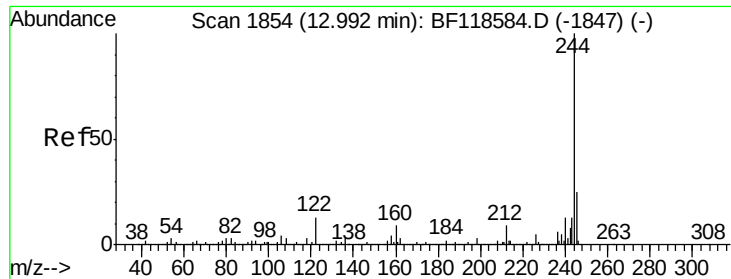
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF118715.D
Acq: 27 Jan 2020 12:47

Tgt Ion:240 Resp: 697706
Ion Ratio Lower Upper
240 100
120 11.1 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

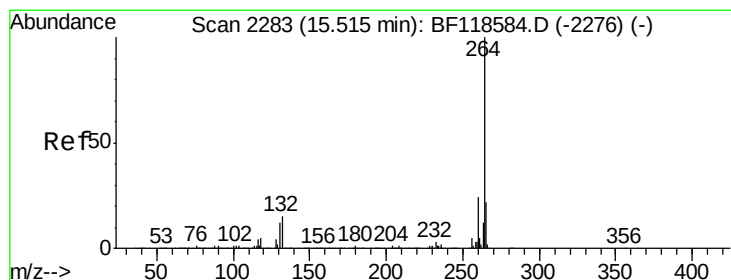
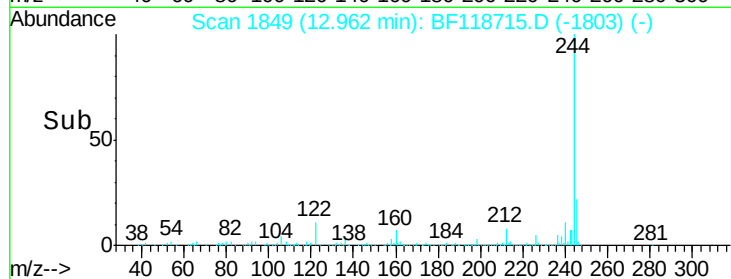
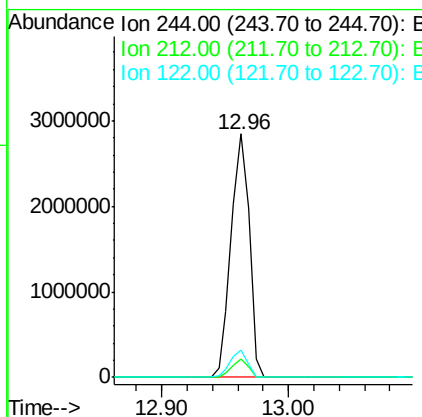
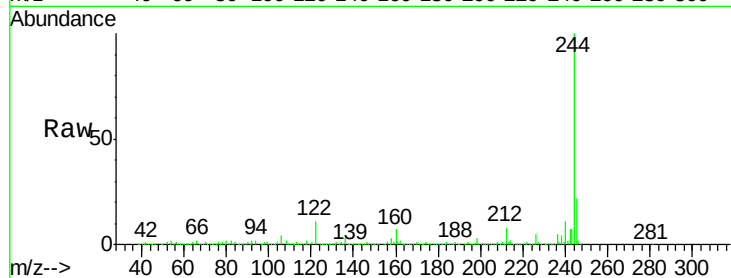




#79
 Terphenyl-d14
 Concen: 88.362 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118715.D
 Acq: 27 Jan 2020 12:47

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Tot Ion:244 Resp: 2826606
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.0 10.4
 122 11.1 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: BF118715.D
 Acq: 27 Jan 2020 12:47

Tgt Ion:264 Resp: 653608
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 21.8 17.7 26.5

