

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116191.D
 Acq On : 12 Aug 2019 14:55
 Operator : HP/JU
 Sample : K4092-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

Quant Time: Aug 12 15:25:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

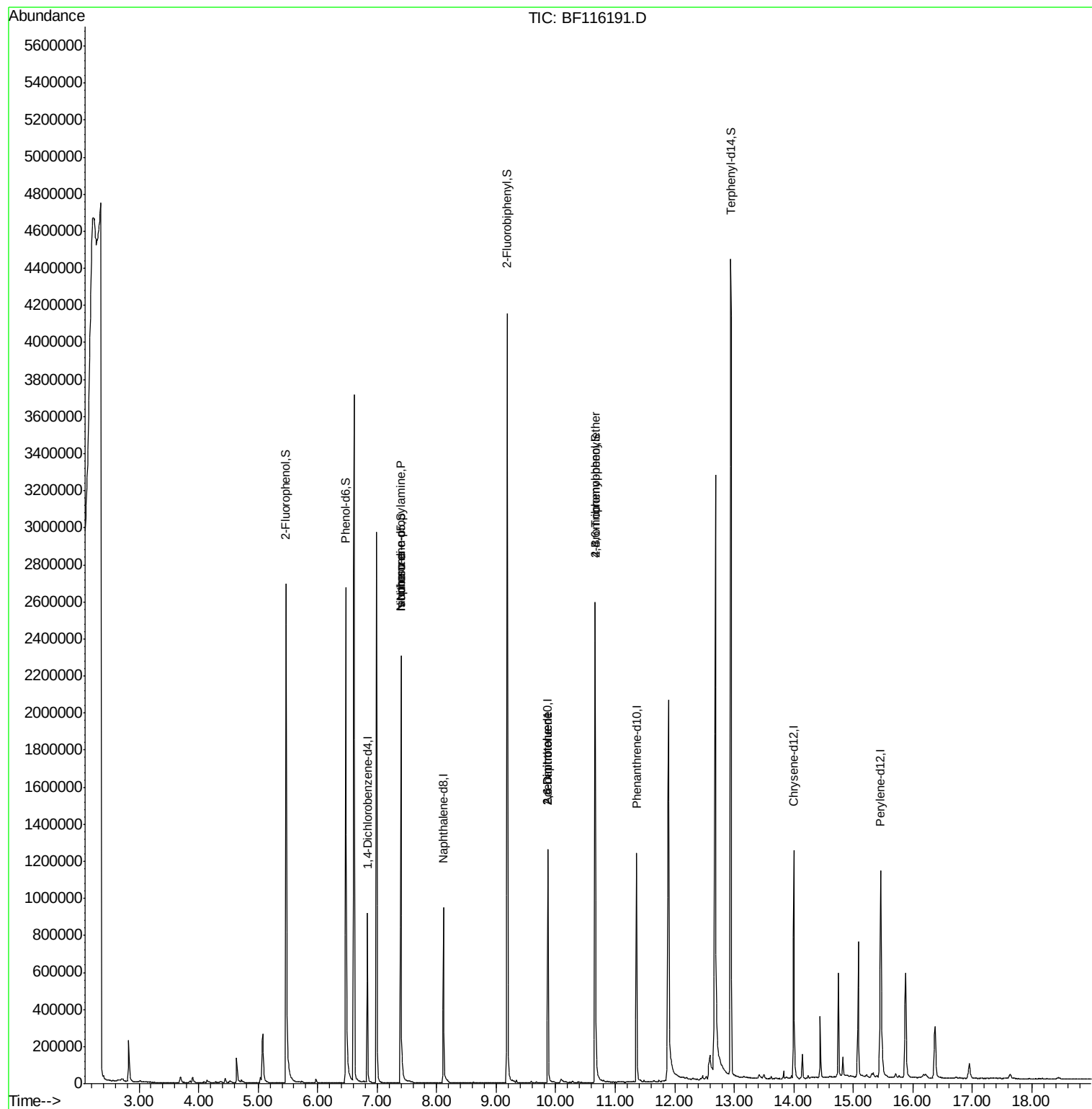
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	130797	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	496656	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	273411	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	507525	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	446685	20.00	ng	-0.01
87) Perylene-d12	15.46	264	434979	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	947379	121.25	ng	0.00
7) Phenol-d6	6.47	99	1124406	114.06	ng	-0.01
23) Nitrobenzene-d5	7.40	82	849306	98.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	401764	151.56	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1454021	99.61	ng	-0.02
79) Terphenyl-d14	12.94	244	1829314	86.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	114395	18.727	ng	# 80
25) Isophorone	7.40	82	849297	51.622	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	35064	8.667	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	35064	6.510	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	24077	4.432	ng	# 1

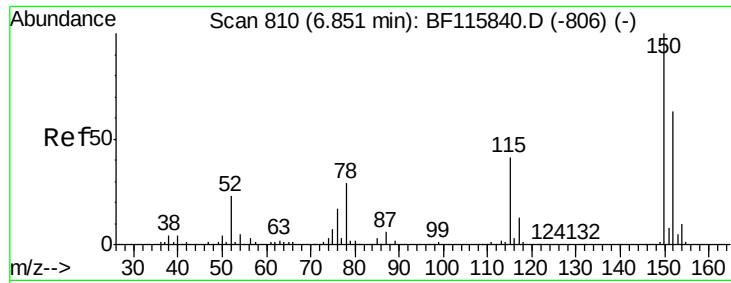
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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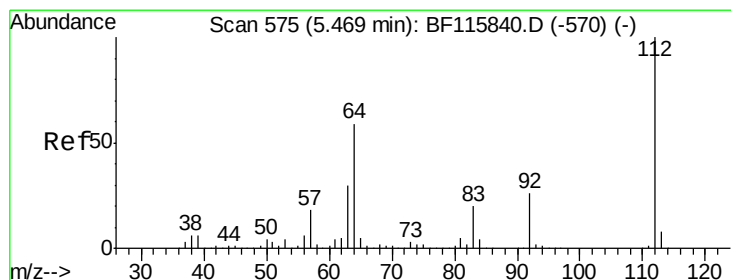
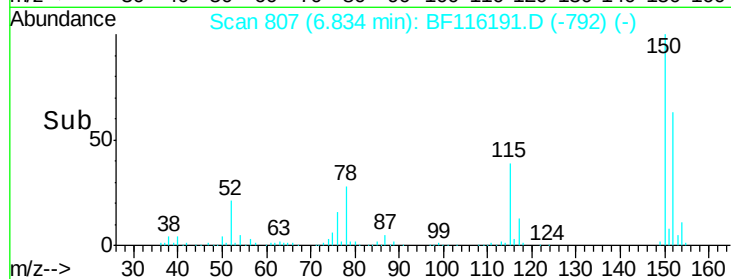
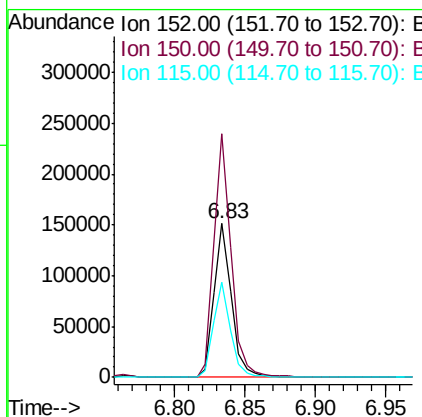
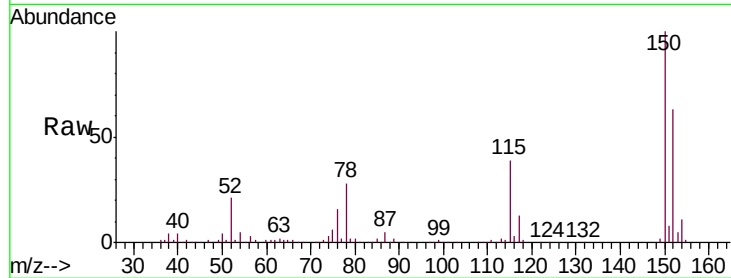




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

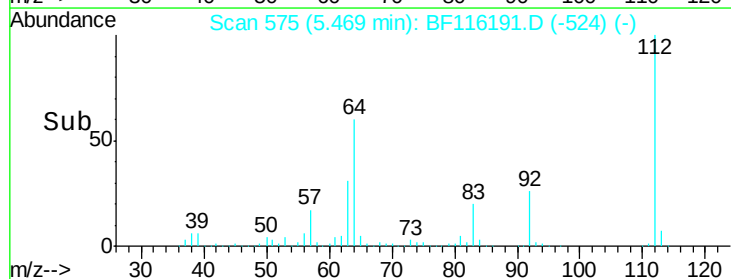
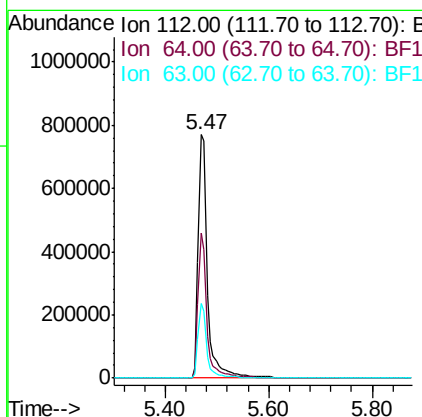
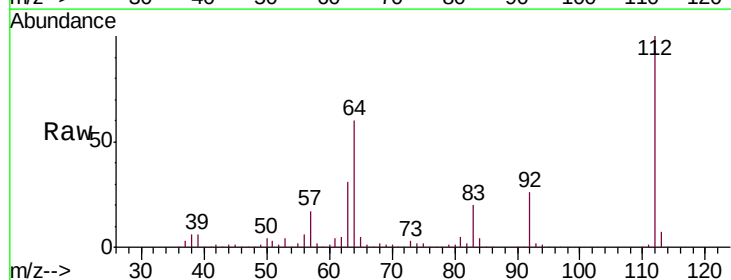
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-B

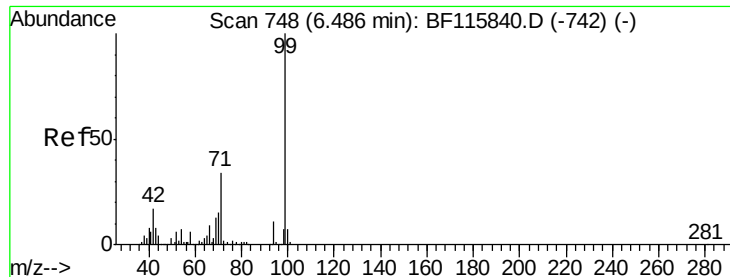
Tgt Ion:152 Resp: 130797
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.2 189.2
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.254 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Tgt Ion:112 Resp: 947379
 Ion Ratio Lower Upper
 112 100
 64 59.8 45.4 68.2
 63 30.7 23.7 35.5





#7

Phenol-d6

Concen: 114.064 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-B

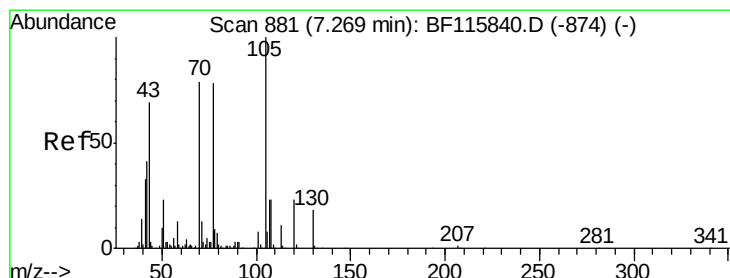
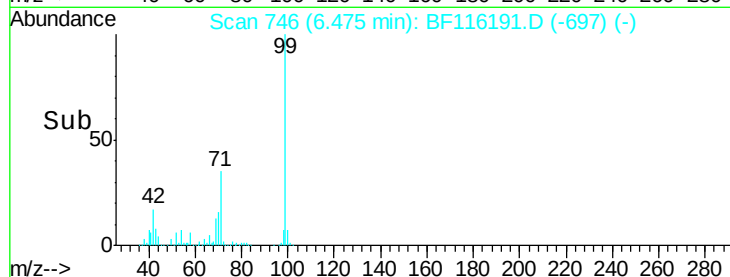
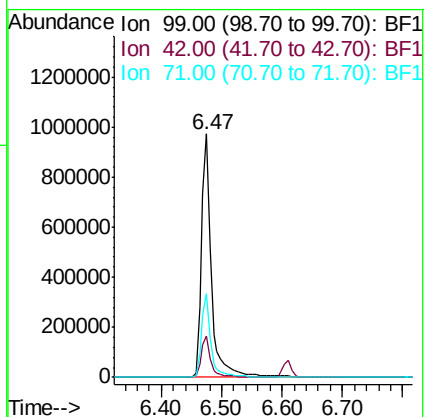
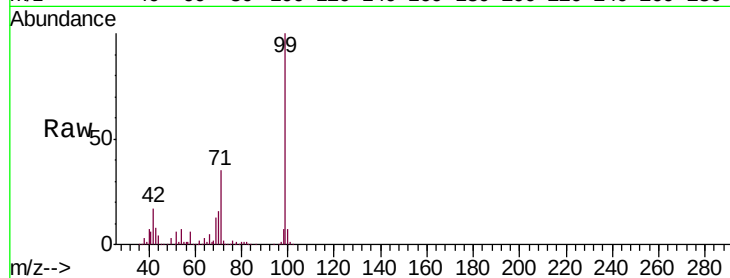
Tgt Ion: 99 Resp: 1124406

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 34.6 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.727 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Tgt Ion: 70 Resp: 114395

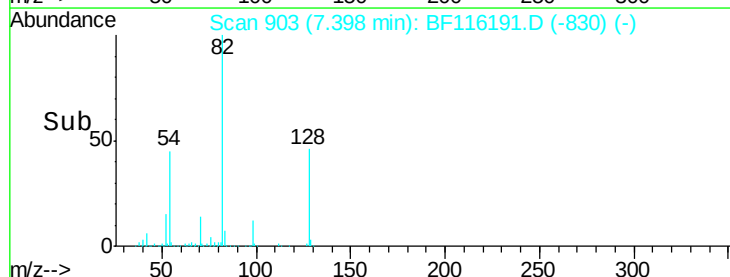
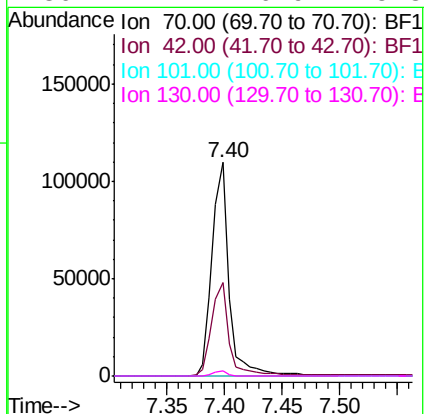
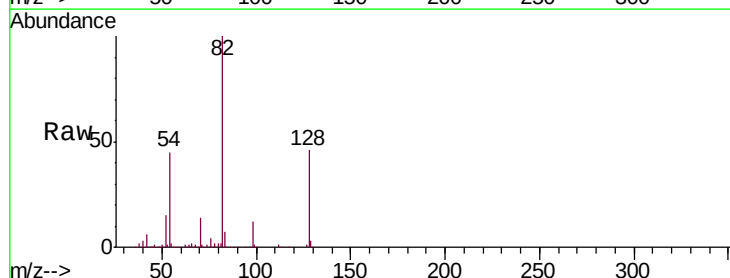
Ion Ratio Lower Upper

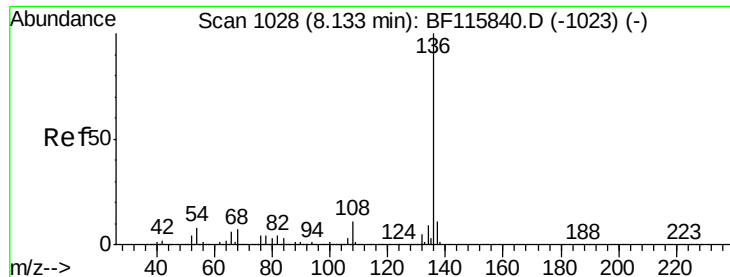
70 100

42 44.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

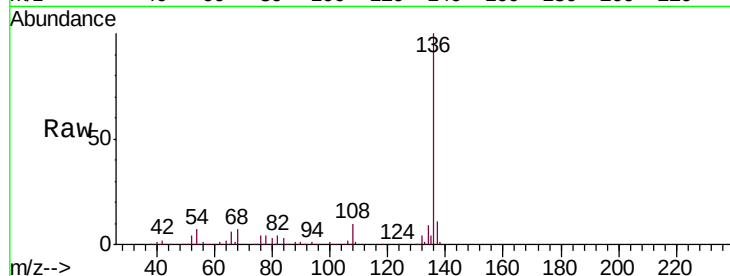




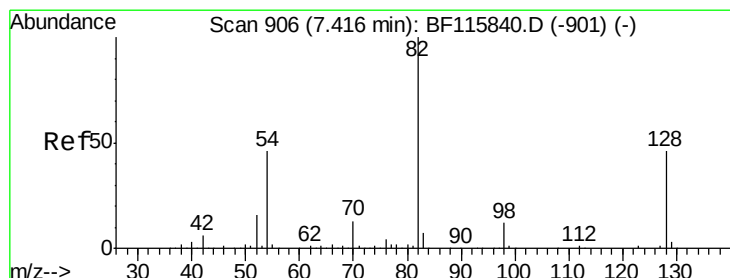
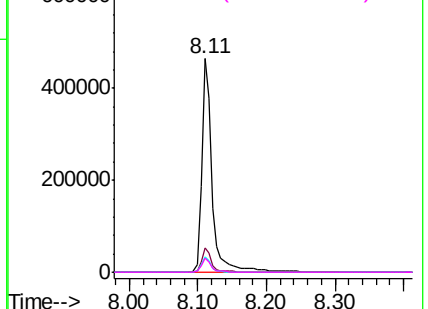
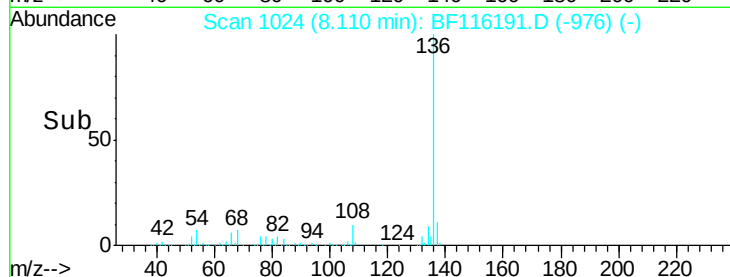
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

Tgt Ion:	136	Resp:	496656
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.8	8.6
68	6.8	5.2	7.8

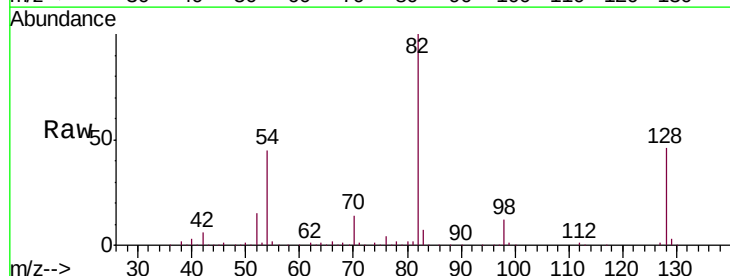


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

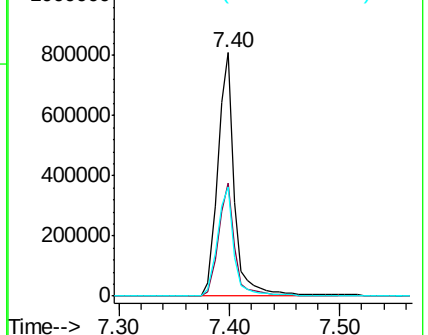
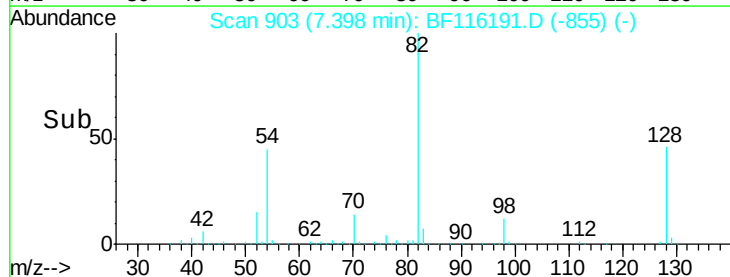


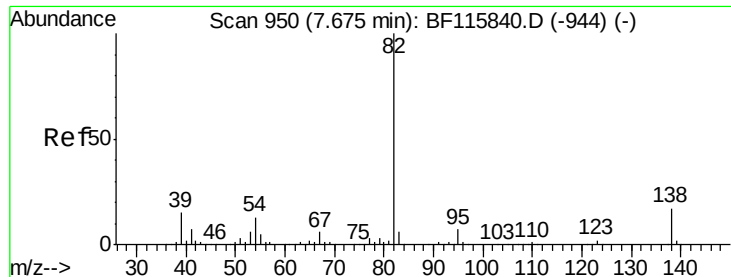
#23
Nitrobenzene-d5
Concen: 98.709 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

Tgt Ion:	82	Resp:	849306
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	44.8	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.622 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Instrument :

BNA_F

ClientSampleId :

EO-01-080719-B

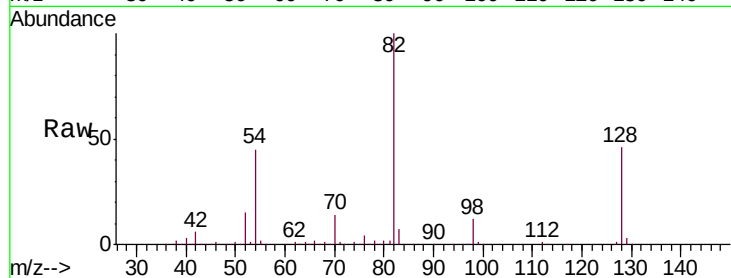
Tgt Ion: 82 Resp: 849297

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

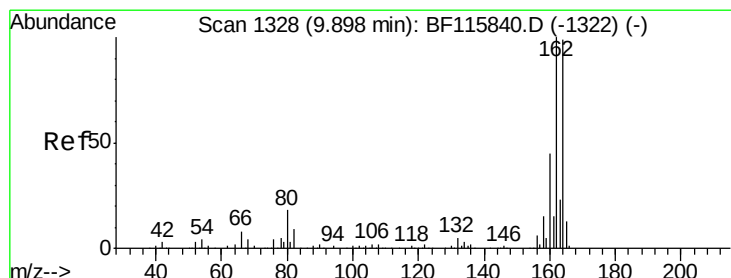
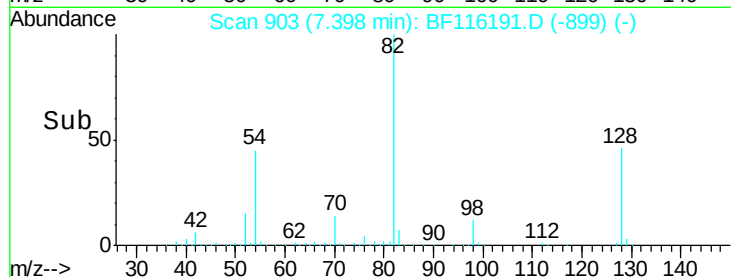
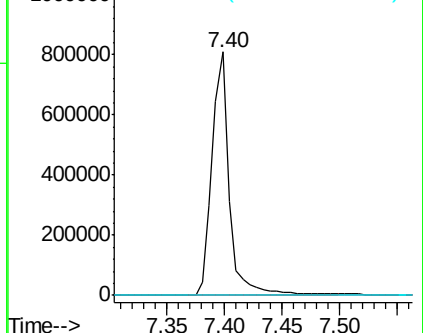
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

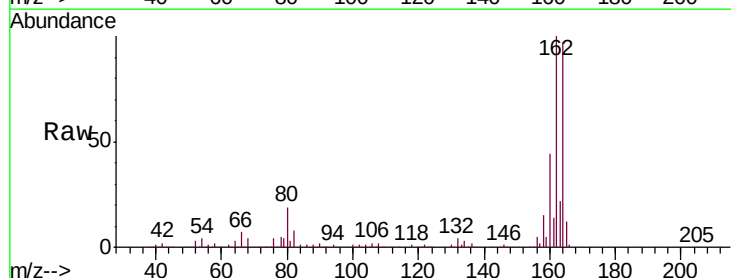
Tgt Ion: 164 Resp: 273411

Ion Ratio Lower Upper

164 100

162 103.2 82.6 124.0

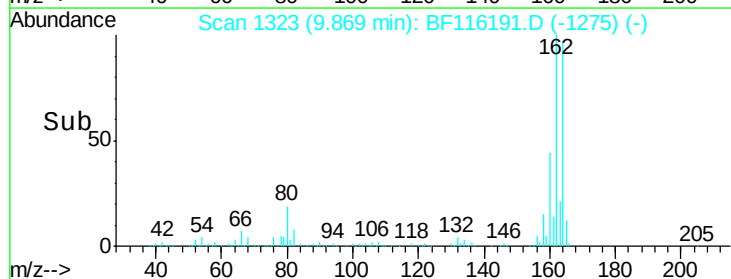
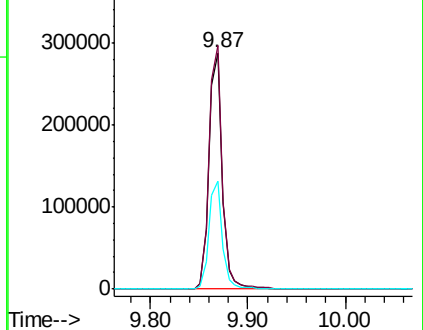
160 45.8 37.6 56.4

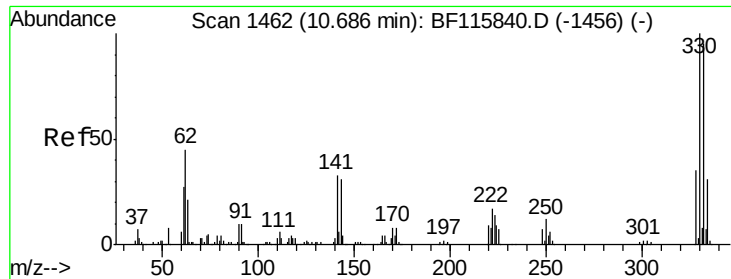


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

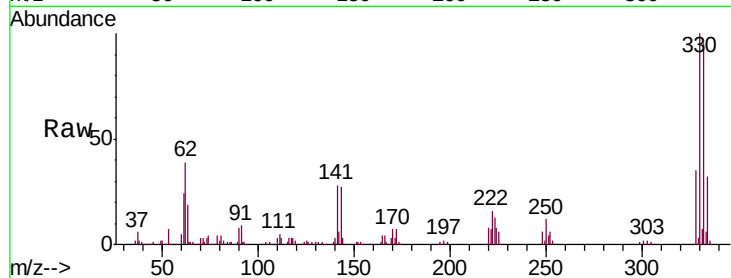




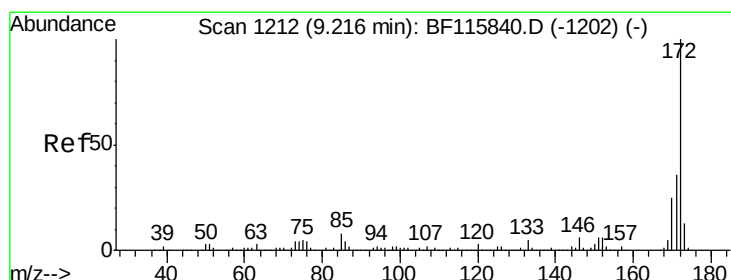
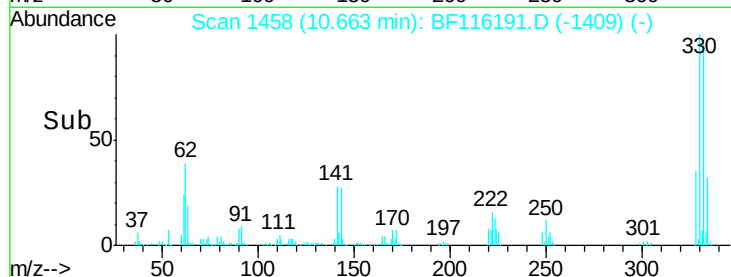
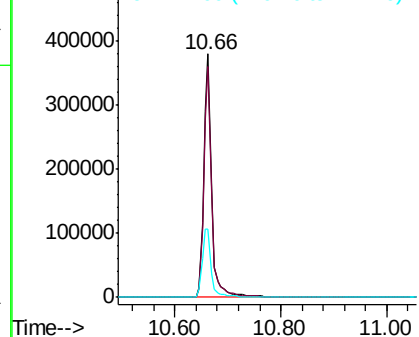
#42
 2,4,6-Tribromophenol
 Concen: 151.564 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Instrument :
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 EO-01-080719-B

Tgt Ion:330 Resp: 401764
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.8 115.2
 141 32.7 26.3 39.5

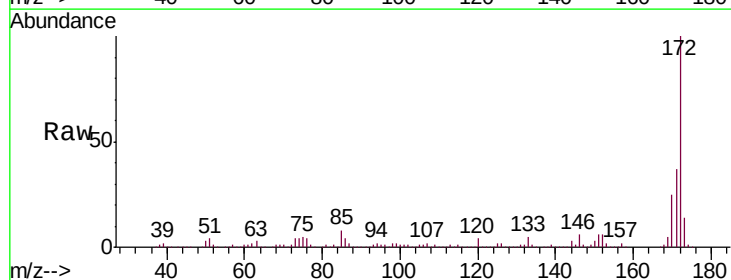


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

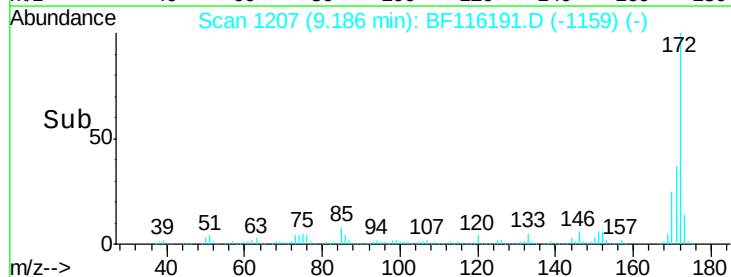
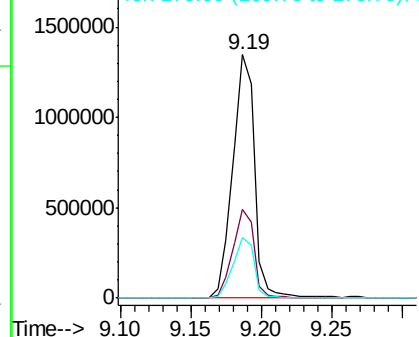


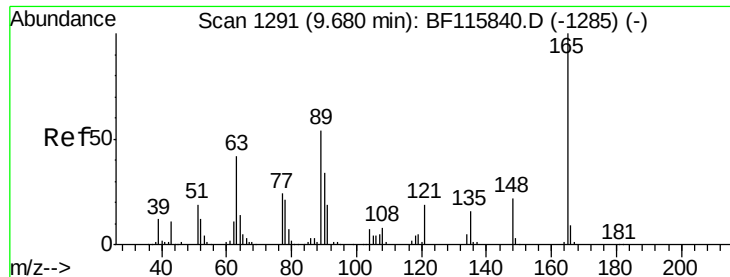
#45
 2-Fluorobiphenyl
 Concen: 99.612 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116191.D
 Acq: 12 Aug 2019 14:55

Tgt Ion:172 Resp: 1454021
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 25.0 20.1 30.1



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





#51

2,6-Dinitrotoluene

Concen: 8.667 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Instrument :

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ClientSampleId :

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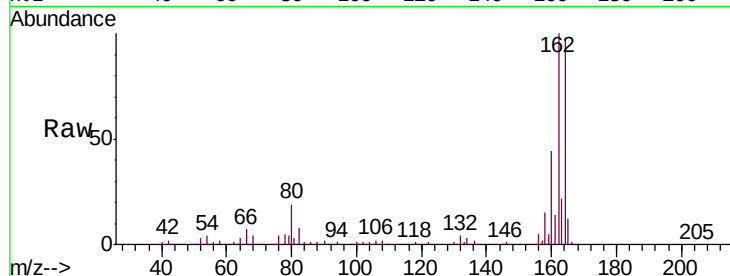
Tgt Ion:165 Resp: 35064

Ion Ratio Lower Upper

165 100

63 1.1 38.2 57.2#

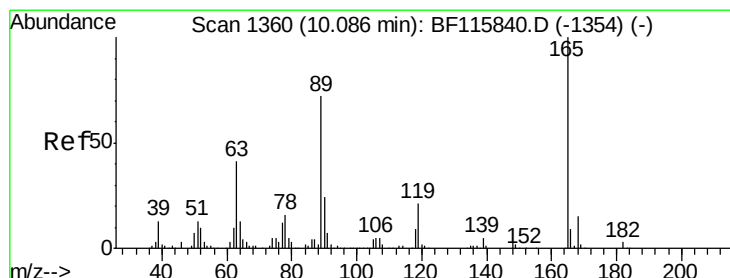
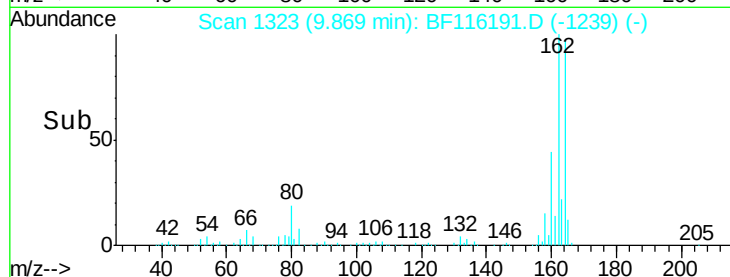
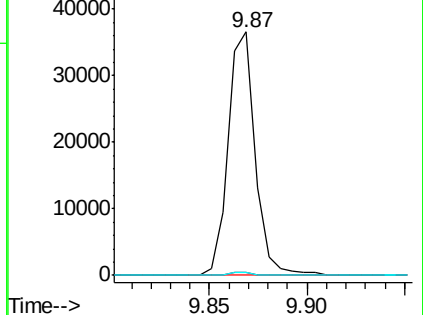
89 1.4 42.9 64.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.510 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

Tgt Ion:165 Resp: 35064

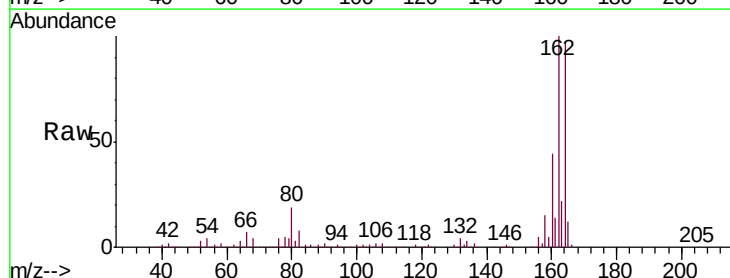
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.4 62.2 93.2#

182 0.0 2.1 3.1#

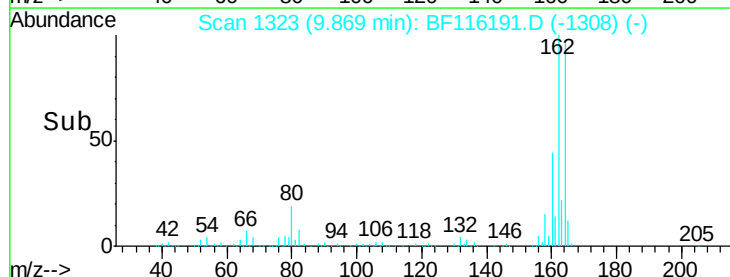
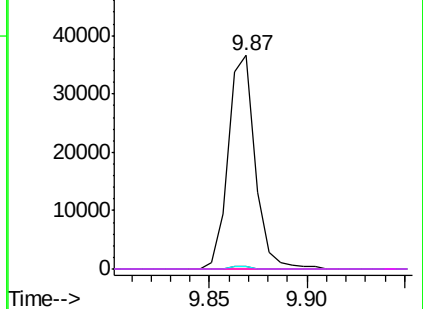


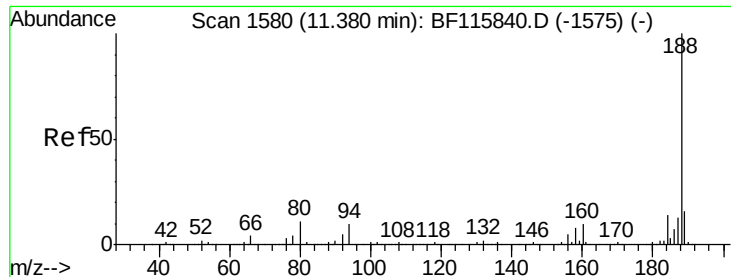
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116191.D

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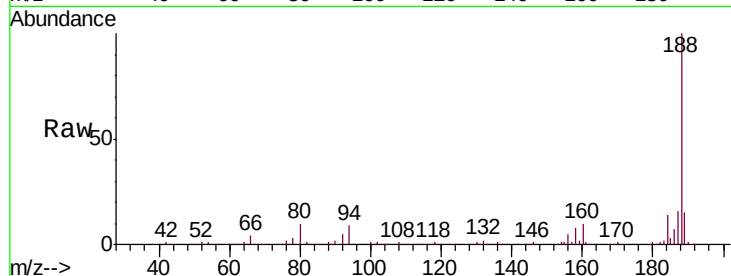
Tgt Ion:188 Resp: 507525

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

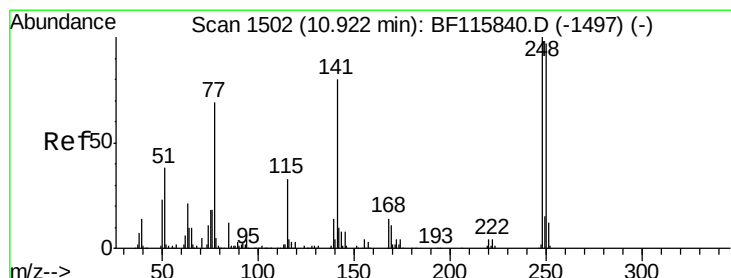
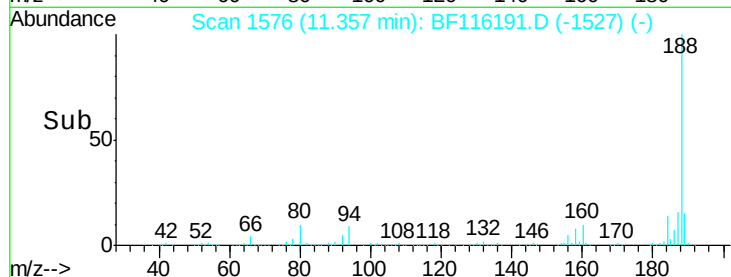
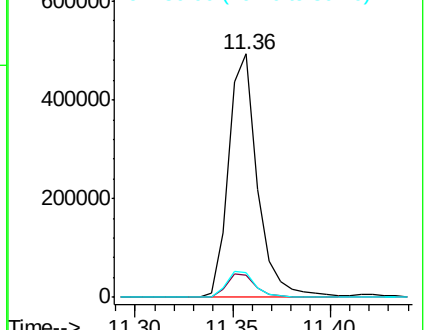
80 10.2 8.7 13.1



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: 4.432 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116191.D

Acq: 12 Aug 2019 14:55

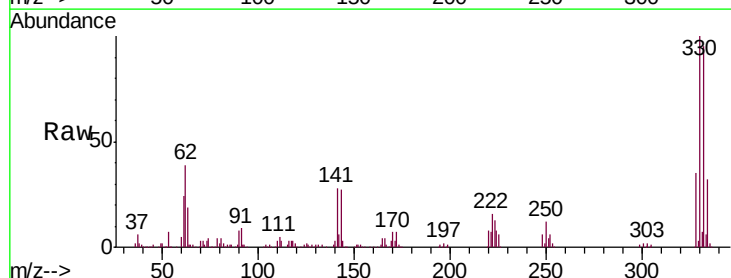
Tgt Ion:248 Resp: 24077

Ion Ratio Lower Upper

248 100

250 201.5 77.4 116.2#

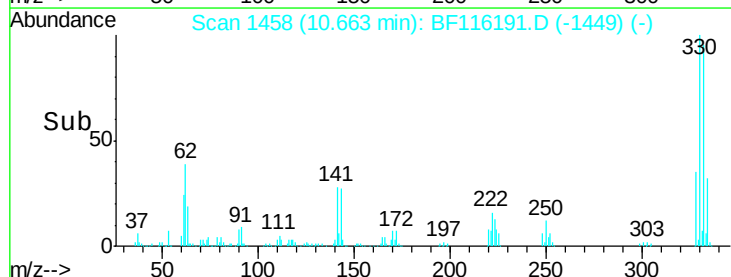
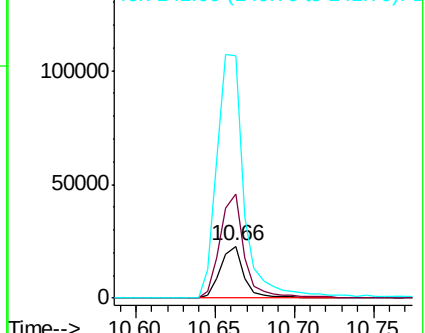
141 468.8 56.8 85.2#

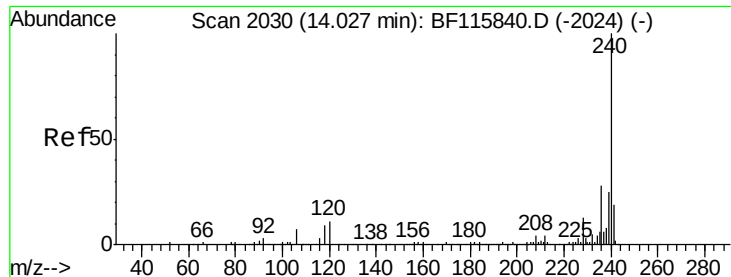


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

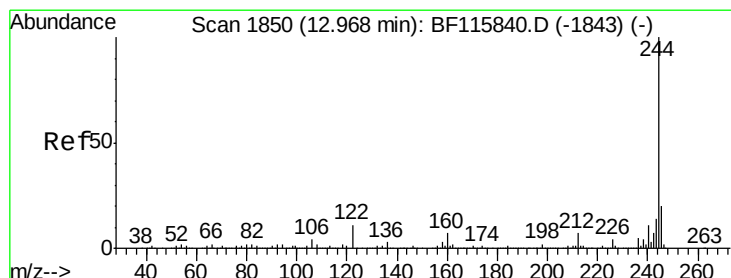
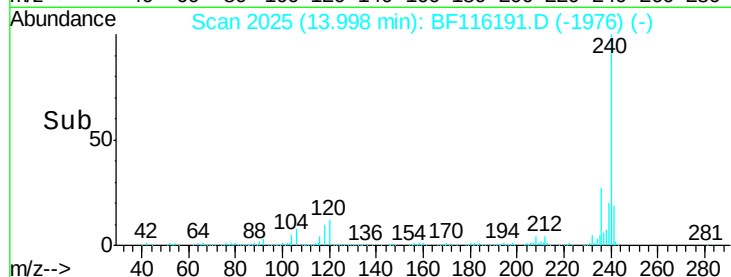
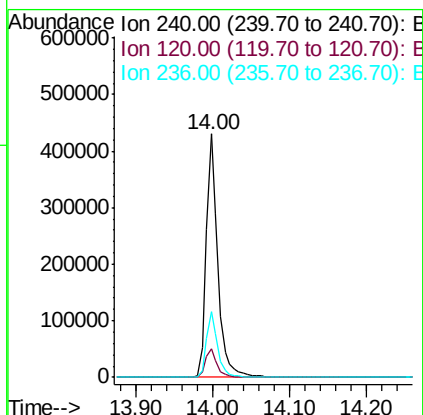
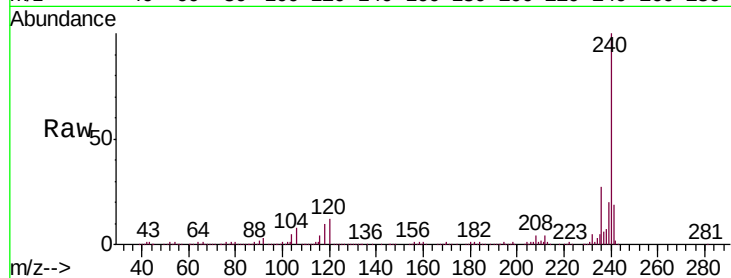




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

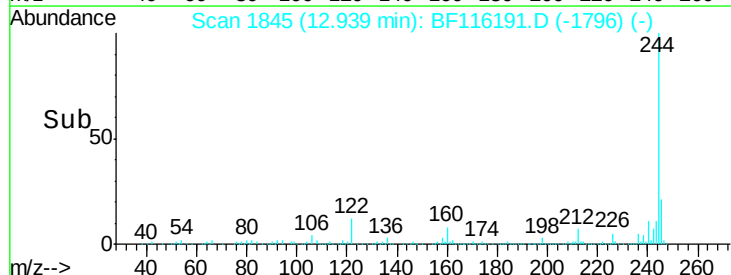
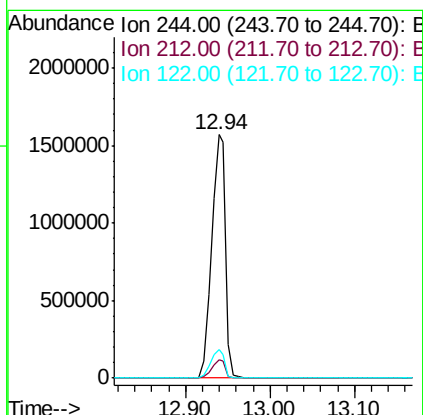
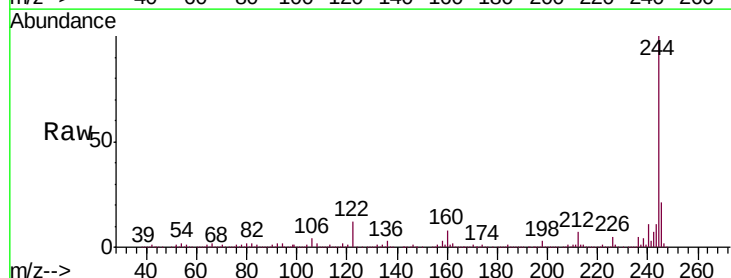
Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

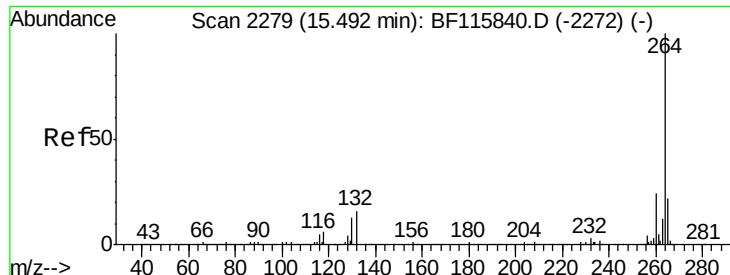
Tgt Ion:240 Resp: 446685
Ion Ratio Lower Upper
240 100
120 12.0 10.7 16.1
236 26.9 22.2 33.2



#79
Terphenyl-d14
Concen: 86.295 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

Tgt Ion:244 Resp: 1829314
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.5 9.0 13.4

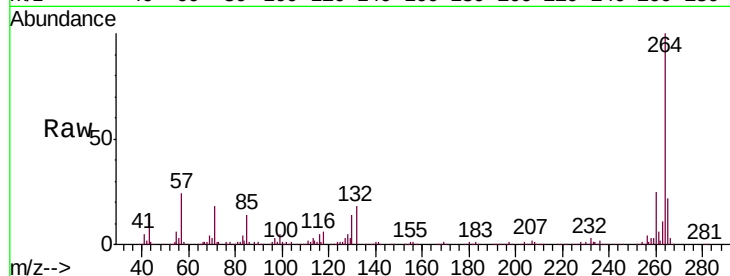




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116191.D
Acq: 12 Aug 2019 14:55

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	22.3	17.4	26.0



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

