

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114315.D
 Acq On : 16 May 2019 18:00
 Operator : JU/SJ
 Sample : K2644-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-B

Quant Time: May 17 08:03:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

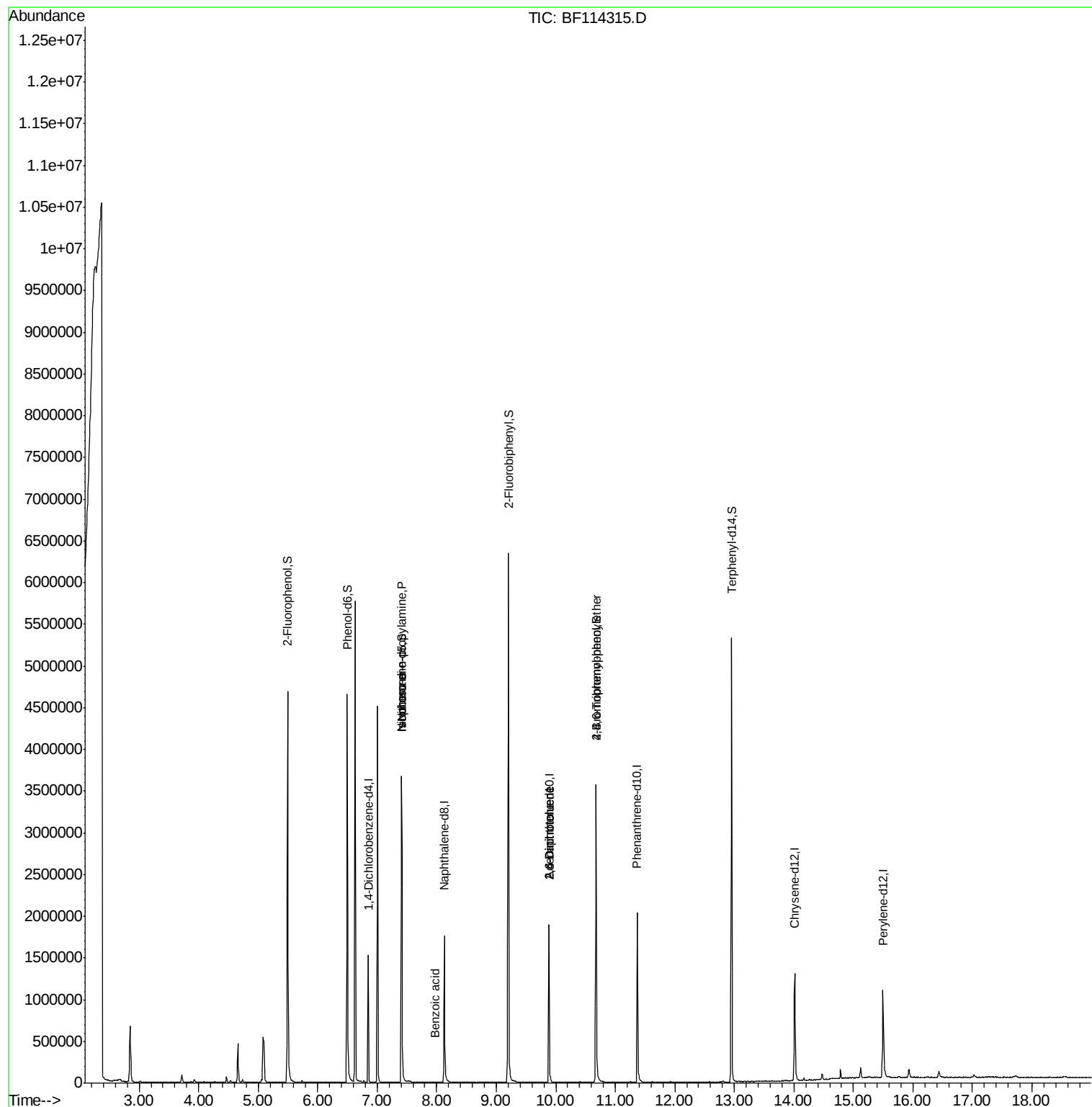
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	230528	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	892898	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	426246	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	862136	20.00	ng	0.00
76) Chrysene-d12	14.02	240	508859	20.00	ng	0.00
87) Perylene-d12	15.50	264	536878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1408879	98.35	ng	0.02
7) Phenol-d6	6.50	99	1664174	98.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	1301021	81.77	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	492311	111.72	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2182579	77.46	ng	0.00
79) Terphenyl-d14	12.96	244	2066704	83.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	171014	15.924	ng	# 77
25) Isophorone	7.41	82	1301015	44.091	ng	# 64
32) Benzoic acid	7.98	122	1868	7.202	ng	# 78
51) 2,6-Dinitrotoluene	9.89	165	53068	7.646	ng	# 22
57) 2,4-Dinitrotoluene	9.89	165	53069	5.634	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	31483	3.317	ng	# 1

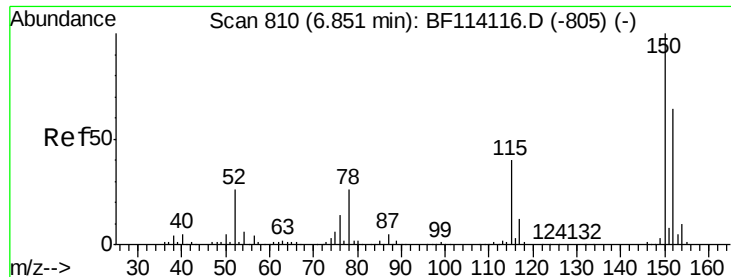
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-B

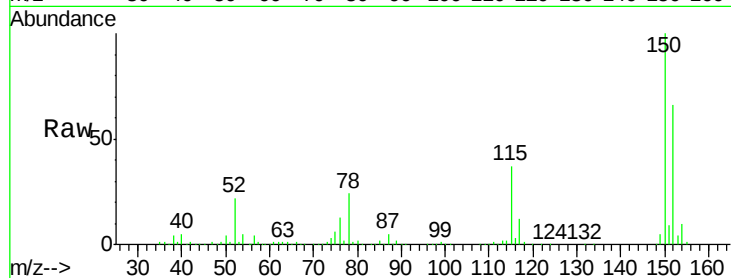
Tot Ion:152 Resp: 230528

Ion Ratio Lower Upper

152 100

150 151.5 124.3 186.5

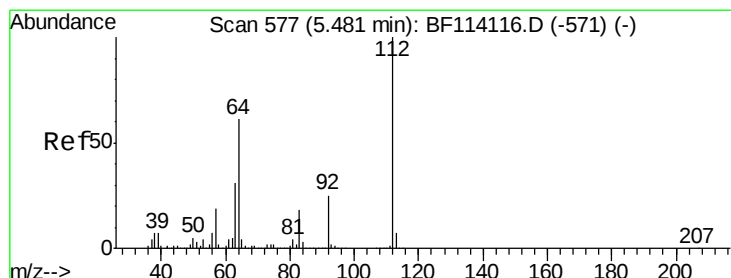
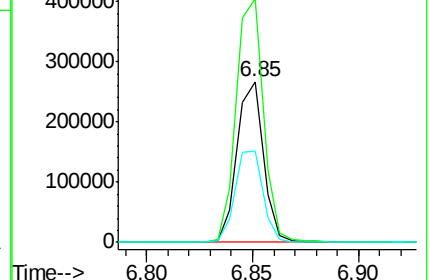
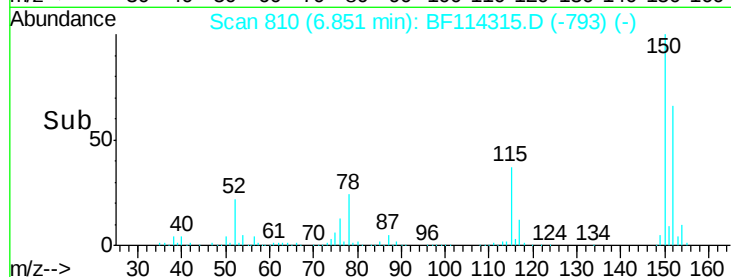
115 56.8 49.1 73.7



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: 98.351 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

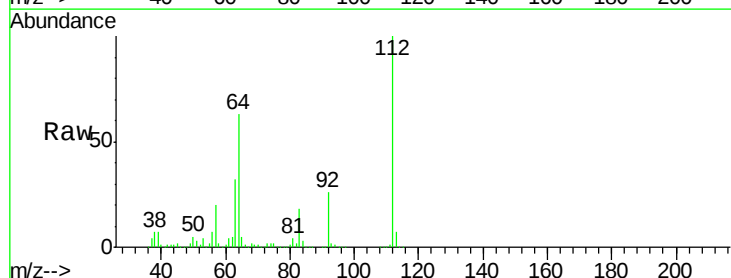
Tgt Ion:112 Resp: 1408879

Ion Ratio Lower Upper

112 100

64 63.2 49.0 73.6

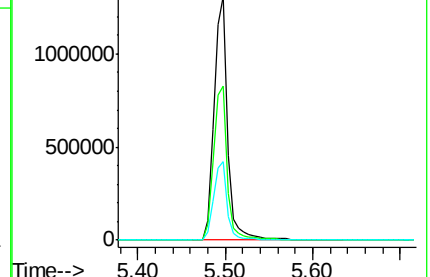
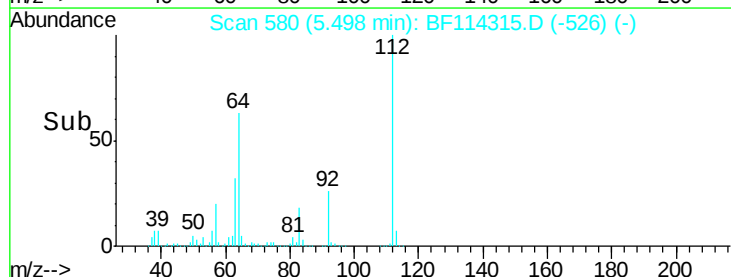
63 32.1 24.6 37.0



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: 98.224 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-B

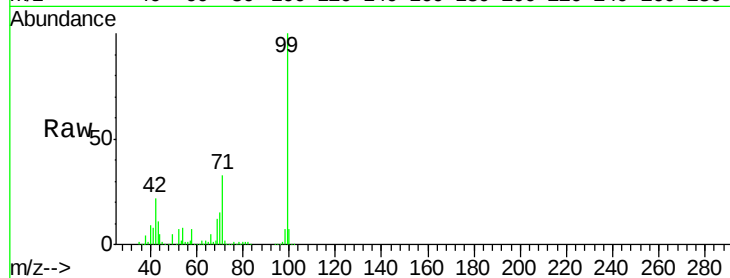
Tot Ion: 99 Resp: 1664174

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

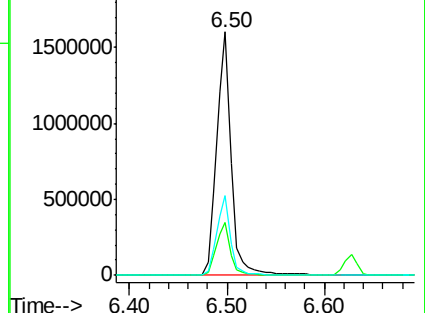
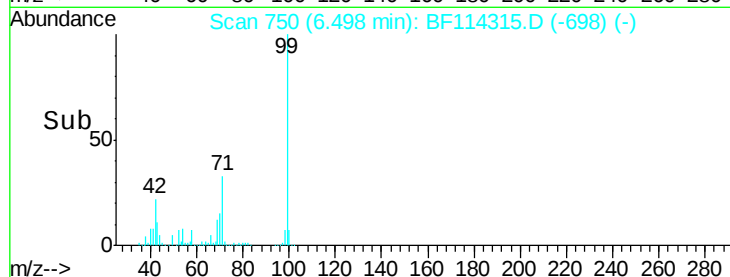
71 32.6 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.924 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Tgt Ion: 70 Resp: 171014

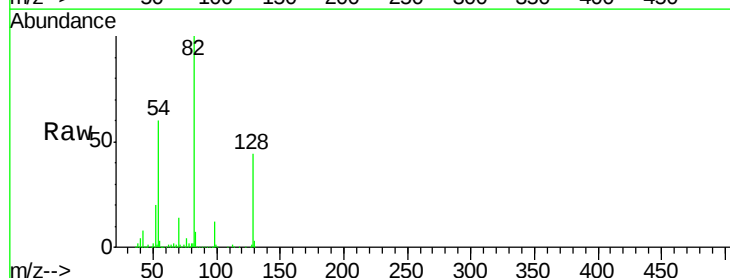
Ion Ratio Lower Upper

70 100

42 58.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

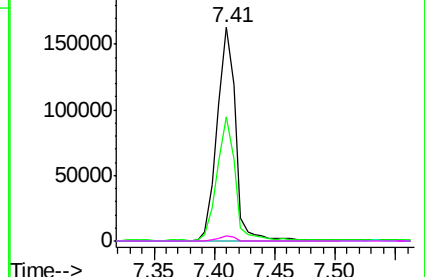
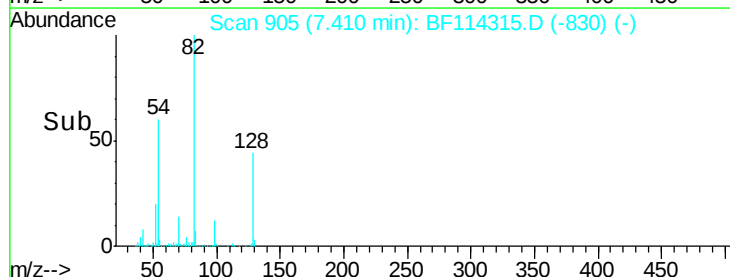


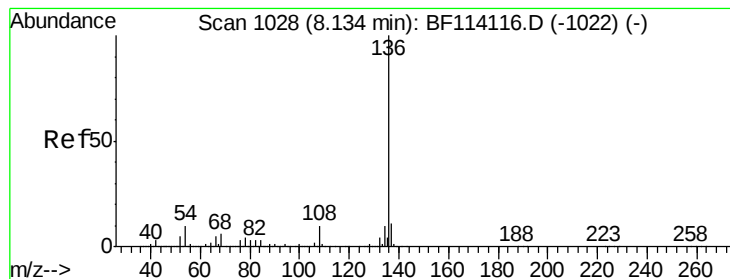
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-B

Tot Ion:136 Resp: 892898

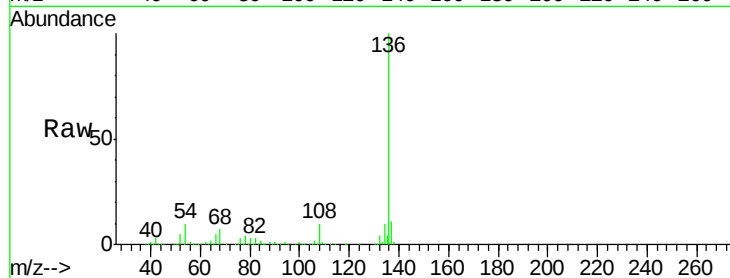
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.9 7.8 11.8

68 6.6 5.1 7.7

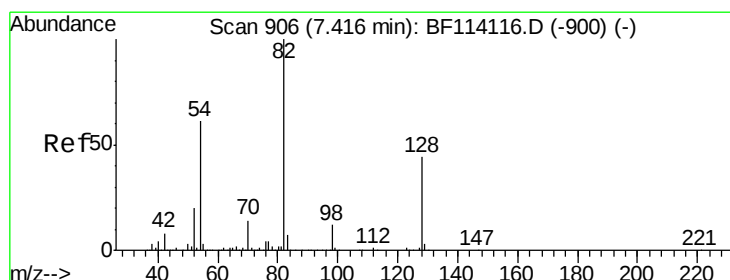
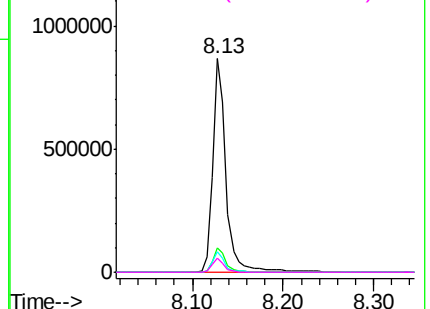
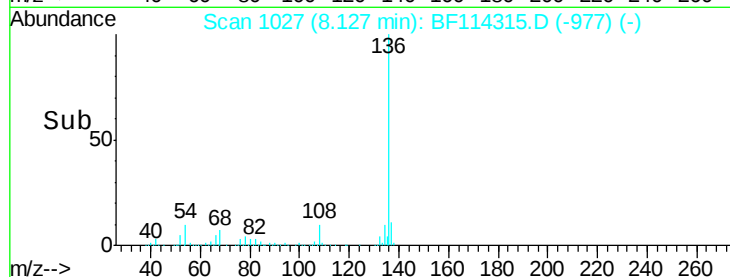


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.771 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

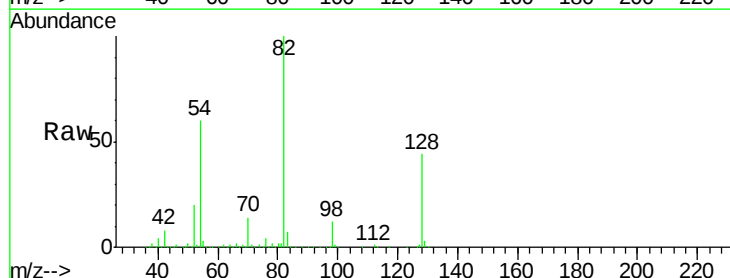
Tgt Ion: 82 Resp: 1301021

Ion Ratio Lower Upper

82 100

128 43.9 35.5 53.3

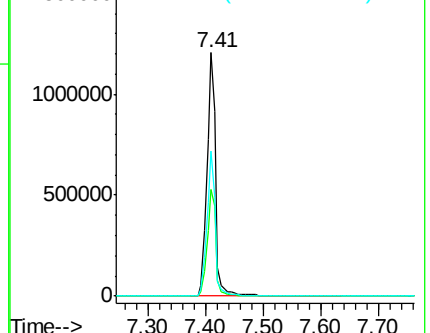
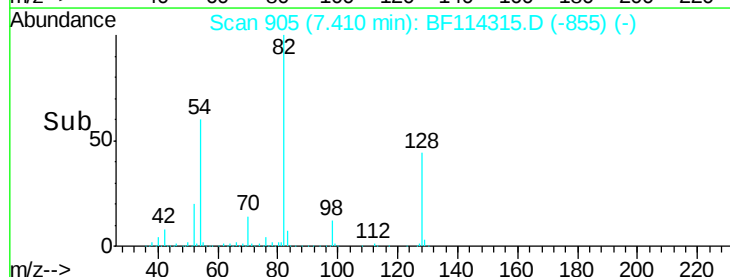
54 59.7 48.5 72.7



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: 44.091 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

Instrument :

BNA_F

ClientSampleId :

EO-01-051519-B

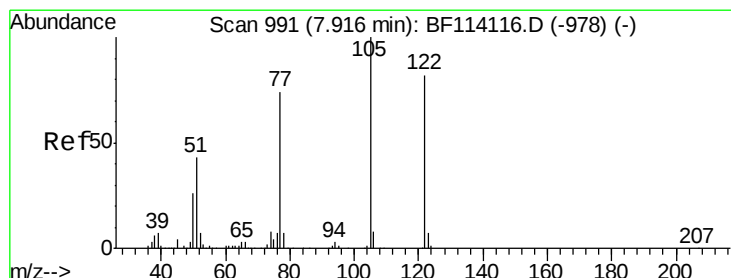
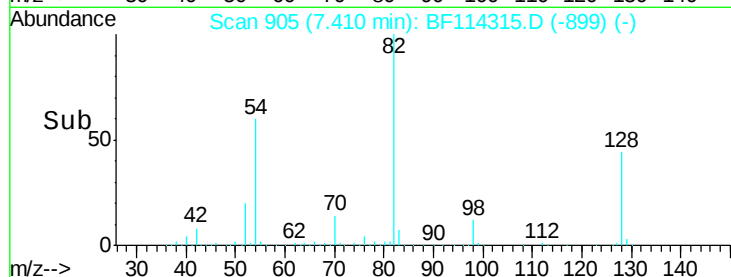
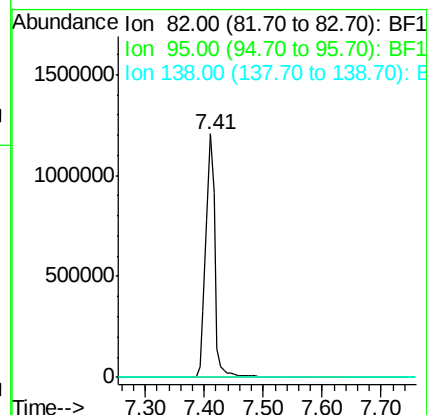
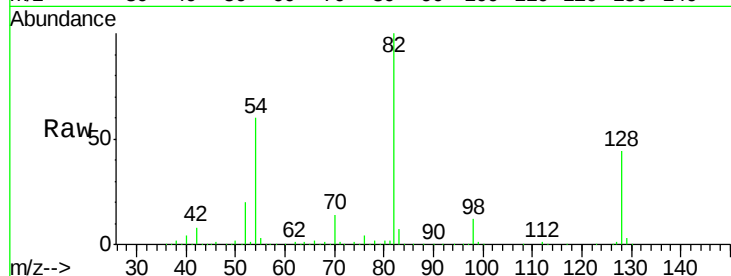
Tot Ion: 82 Resp: 1301015

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.202 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.07 min

Lab File: BF114315.D

Acq: 16 May 2019 18:00

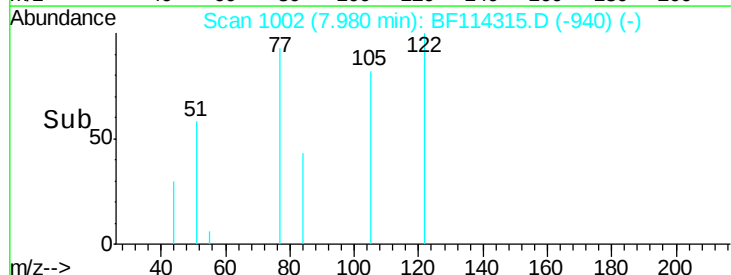
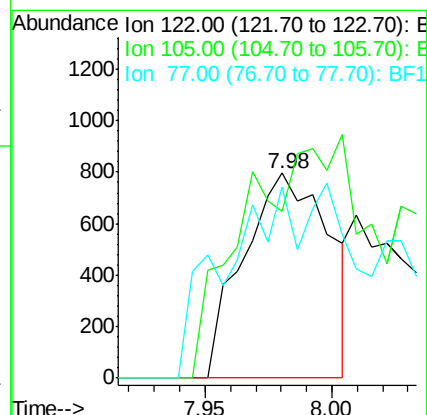
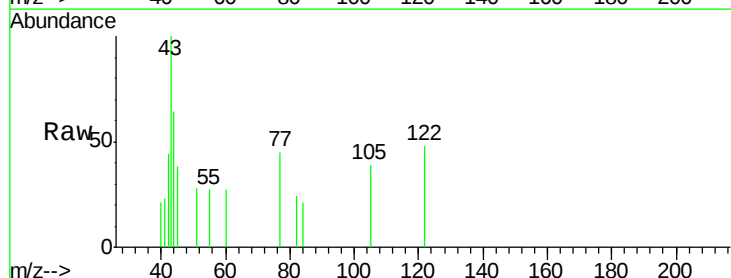
Tgt Ion: 122 Resp: 1868

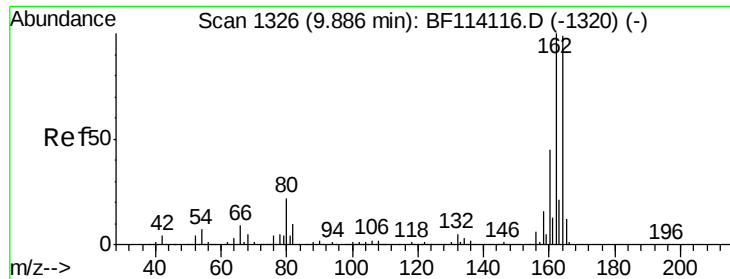
Ion Ratio Lower Upper

122 100

105 81.5 99.9 139.9#

77 93.3 69.4 109.4

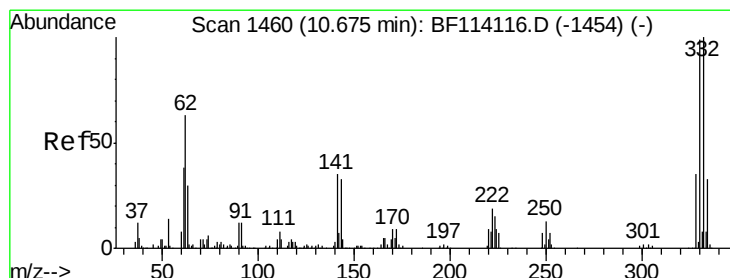
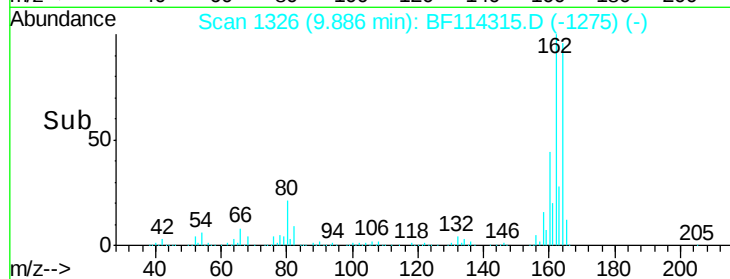
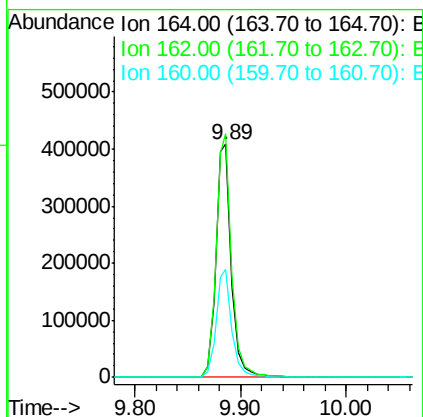
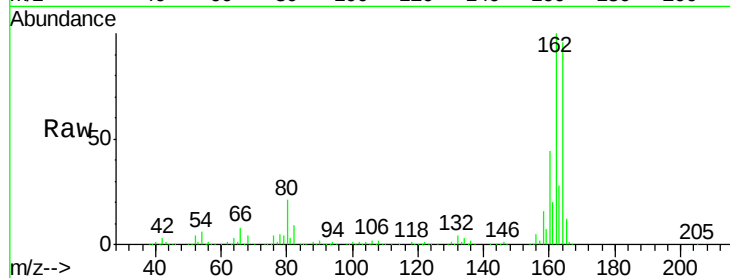




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

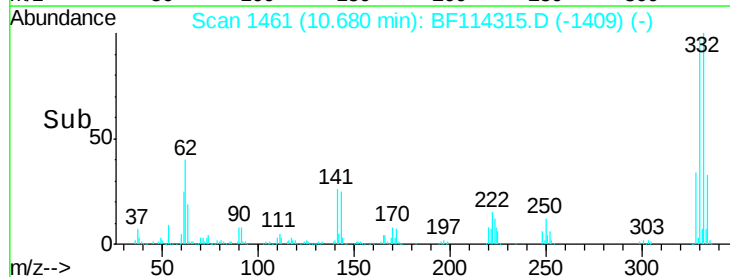
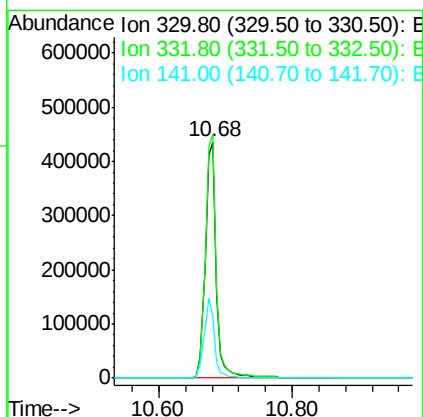
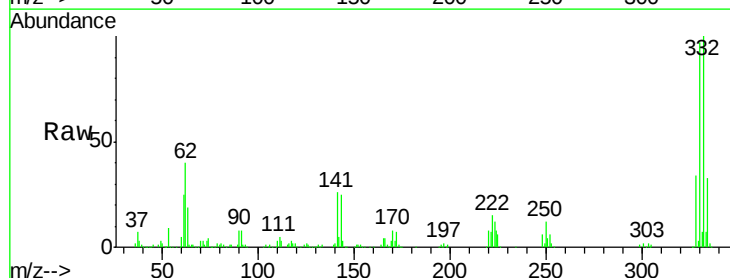
Instrument :
BNA_F
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EO-01-051519-B

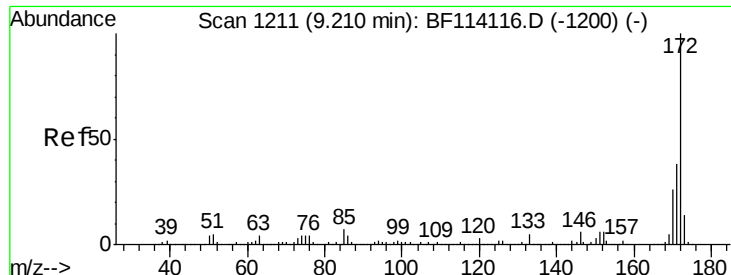
Tot Ion:164 Resp: 426246
Ion Ratio Lower Upper
164 100
162 104.4 80.6 120.8
160 46.4 36.5 54.7



#42
2,4,6-Tribromophenol
Concen: 111.720 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Tgt Ion:330 Resp: 492311
Ion Ratio Lower Upper
330 100
332 102.5 81.4 122.2
141 32.4 26.6 40.0

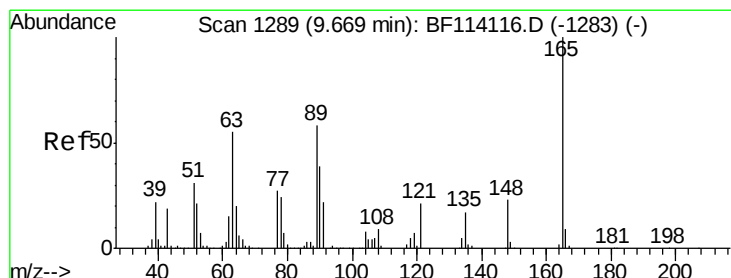
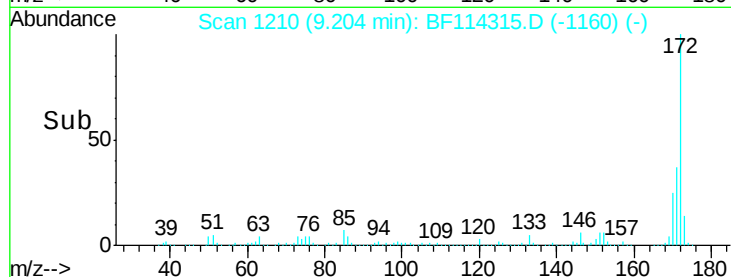
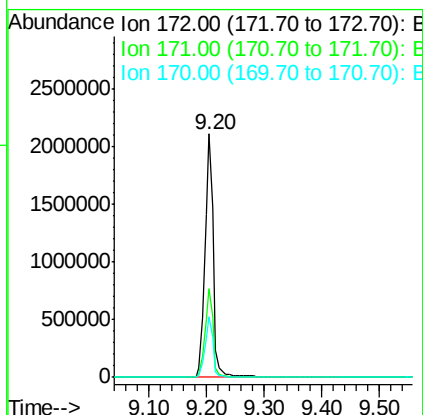
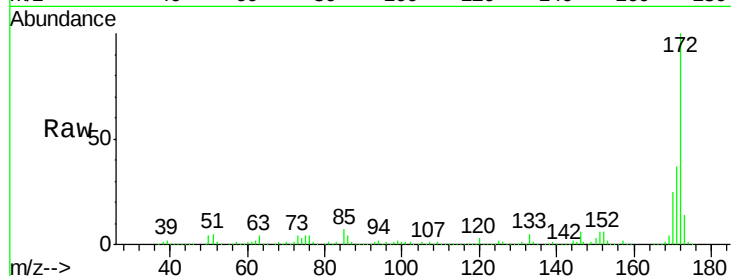




#45
 2-Fluorobiphenyl
 Concen: 77.456 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

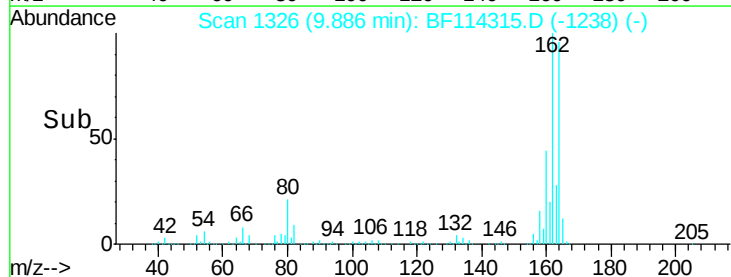
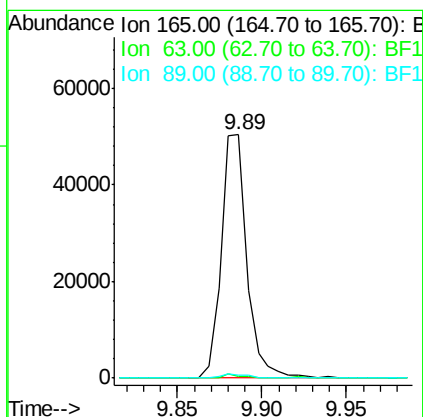
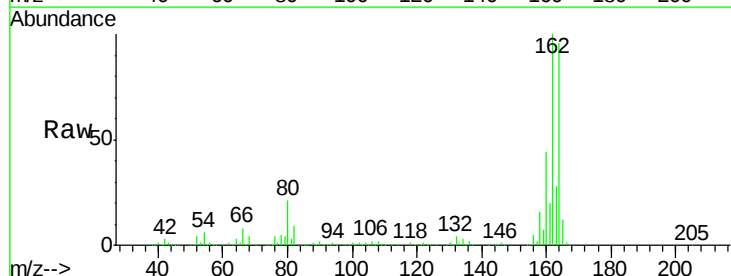
Instrument :
 BNA_F
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 EO-01-051519-B

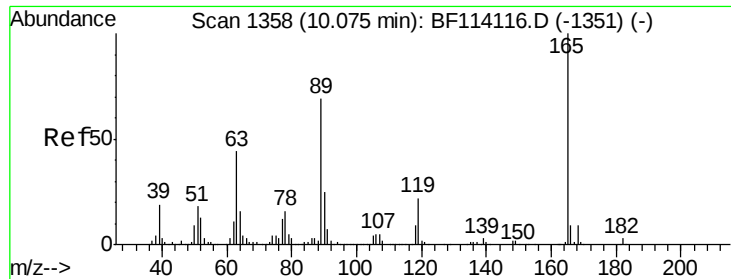
Tot Ion:172 Resp: 2182579
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.7 46.1
 170 24.7 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 7.646 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.22 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

Tgt Ion:165 Resp: 53068
 Ion Ratio Lower Upper
 165 100
 63 0.9 50.2 75.4#
 89 1.3 46.6 69.8#

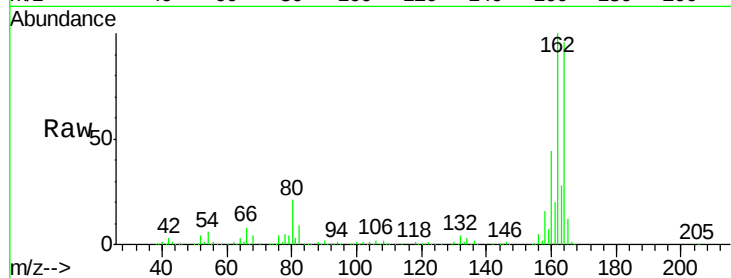




#57
 2,4-Dinitrotoluene
 Concen: 5.634 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#

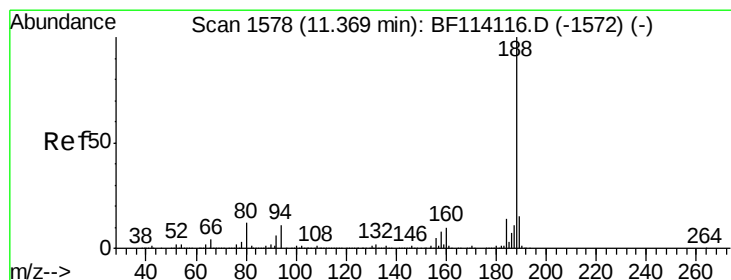
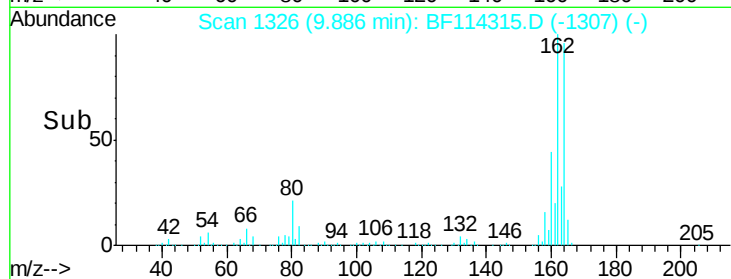
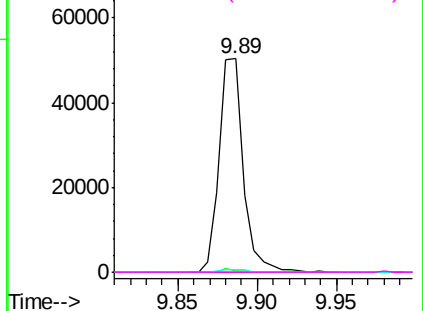


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

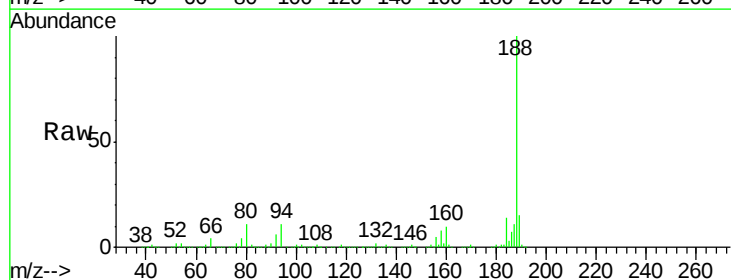
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

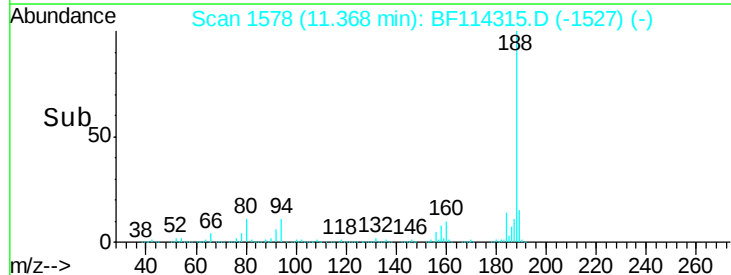
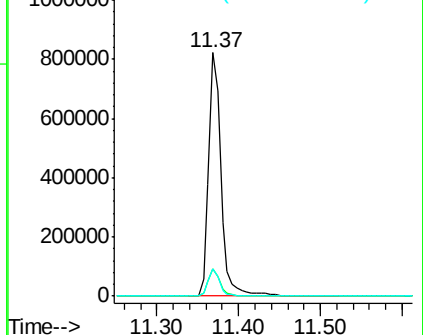
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.4	12.6
80	11.2	9.2	13.8

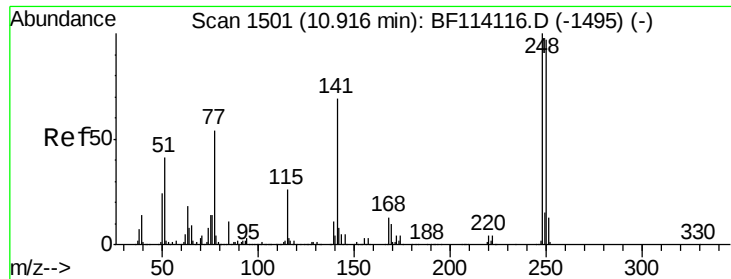


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

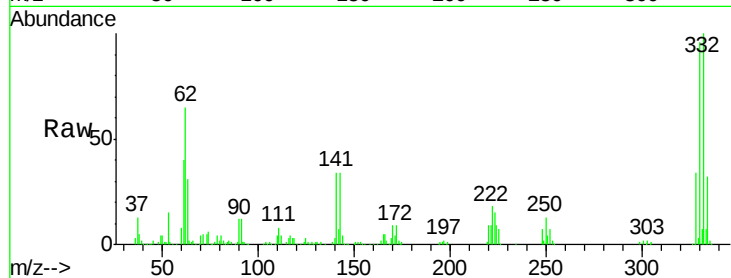




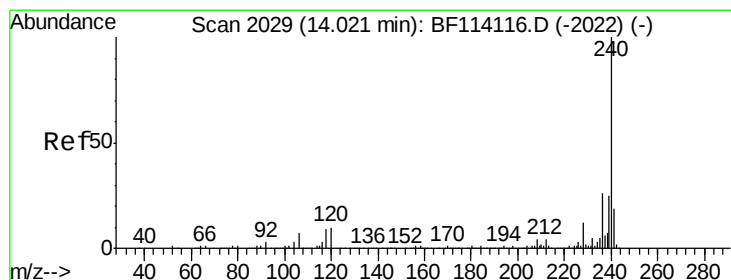
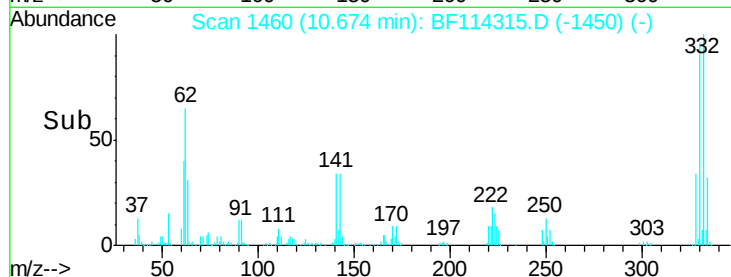
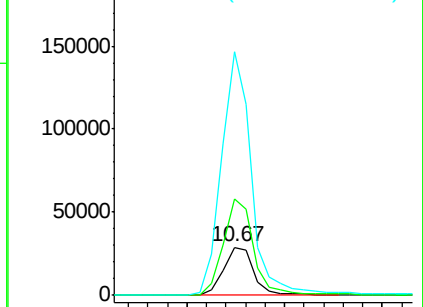
#67
4-Bromophenyl-phenylether
Concen: 3.317 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Instrument :
BNA_F
ClientSampleId :
EO-01-051519-B

Tot Ion:248 Resp: 31483
Ion Ratio Lower Upper
248 100
250 200.5 77.4 116.2#
141 508.9 55.6 83.4#

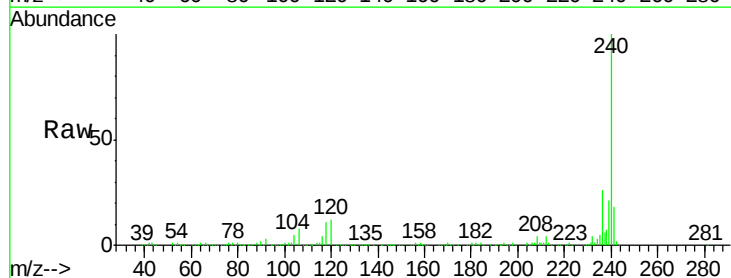


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

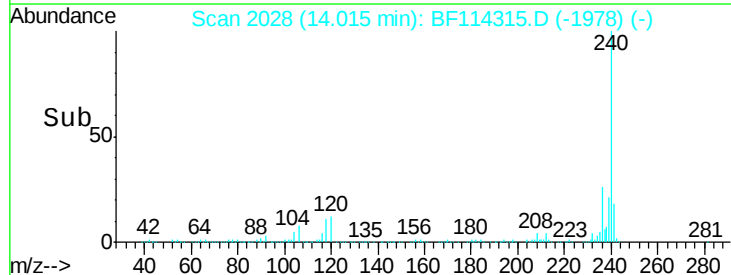
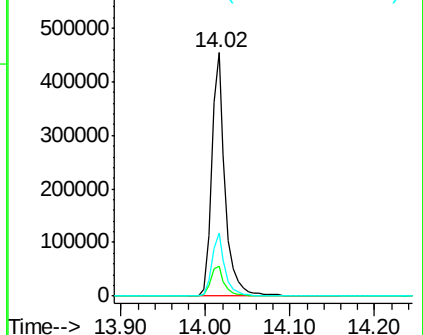


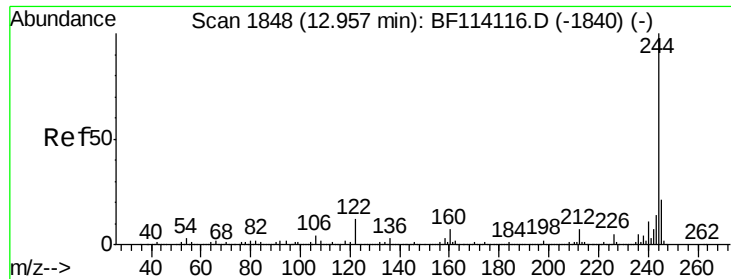
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114315.D
Acq: 16 May 2019 18:00

Tgt Ion:240 Resp: 508859
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 26.1 20.8 31.2



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

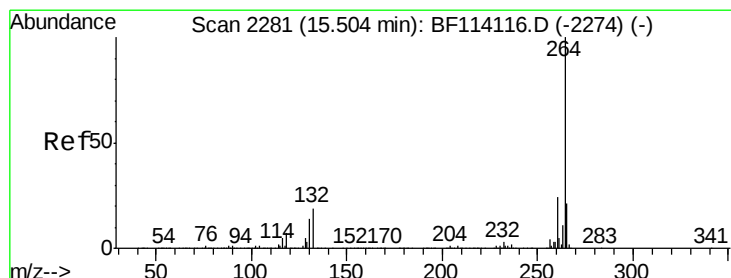
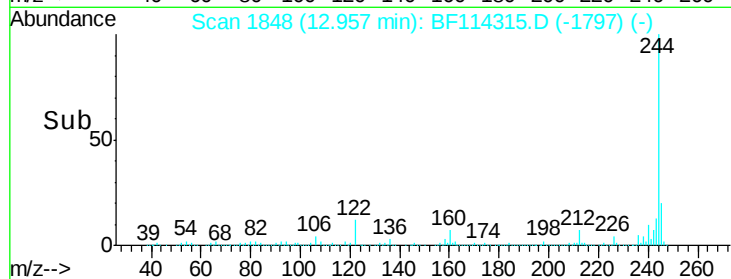
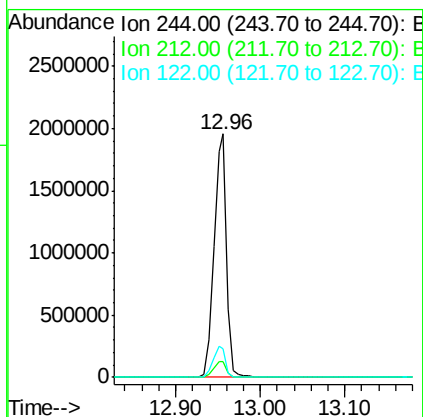
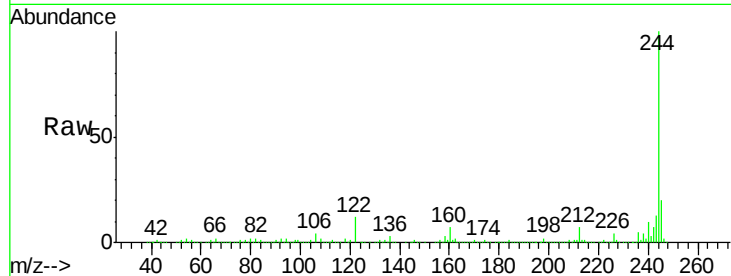




#79
 Terphenyl-d14
 Concen: 83.724 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051519-B

Tot Ion:244 Resp: 2066704
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 11.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF114315.D
 Acq: 16 May 2019 18:00

Tgt Ion:264 Resp: 536878
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.6 16.9 25.3

