

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115985.D
 Acq On : 5 Aug 2019 17:47
 Operator : HP/JU
 Sample : K4153-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

Quant Time: Aug 06 01:36:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

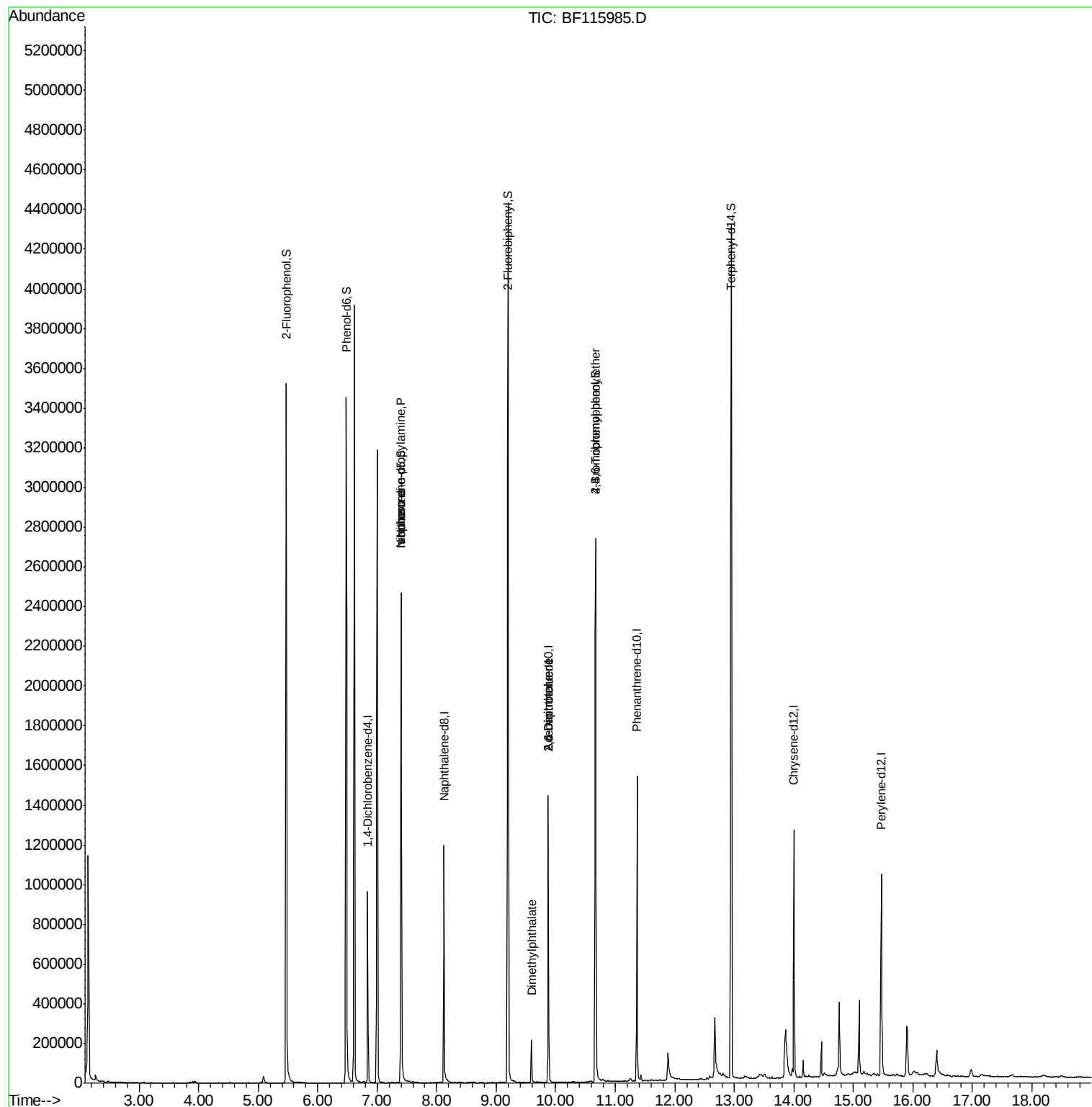
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	144016	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	553584	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	293393	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	535416	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	426589	20.00	ng	-0.02
87) Perylene-d12	15.46	264	375402	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1100228	127.89	ng	0.00
7) Phenol-d6	6.48	99	1461098	134.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	912982	95.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	367967	129.36	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1486021	94.87	ng	-0.02
79) Terphenyl-d14	12.95	244	1666927	82.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	123535	18.367	ng	# 77
25) Isophorone	7.40	82	912971	49.785	ng	# 66
50) Dimethylphthalate	9.59	163	103966	5.204	ng	98
51) 2,6-Dinitrotoluene	9.87	165	37996	8.752	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	37996	6.574	ng	# 24
67) 4-Bromophenyl-phenylether	10.67	248	22455	3.918	ng	# 1

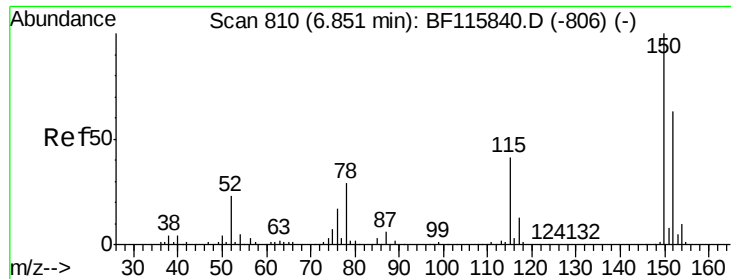
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
Data File : BF115985.D
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Sample : K4153-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-4221

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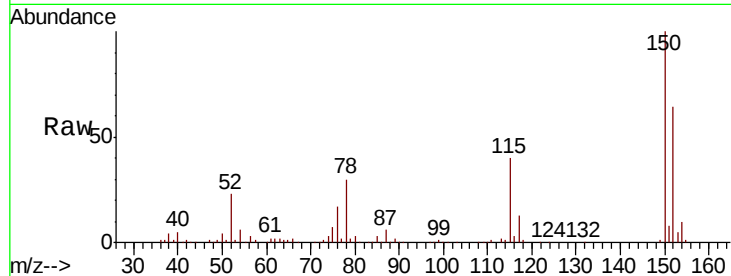




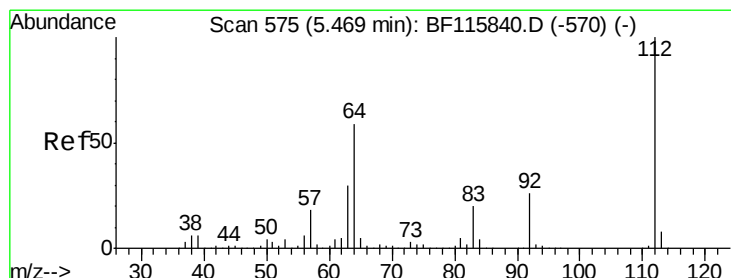
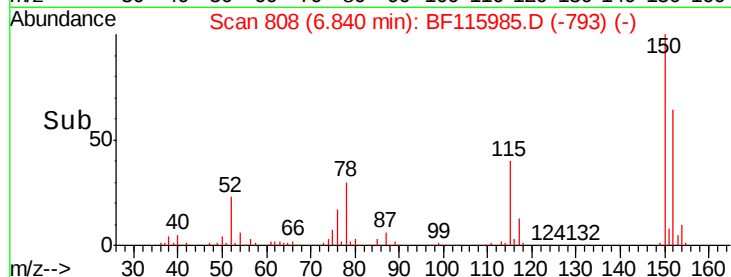
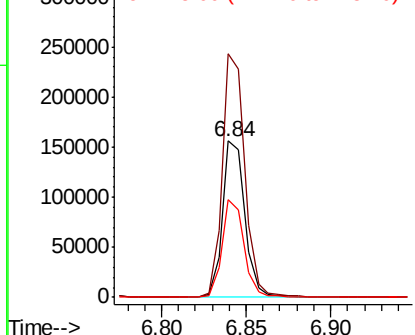
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

Tgt Ion:152 Resp: 144016
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.4 191.0
 115 62.8 51.8 77.8

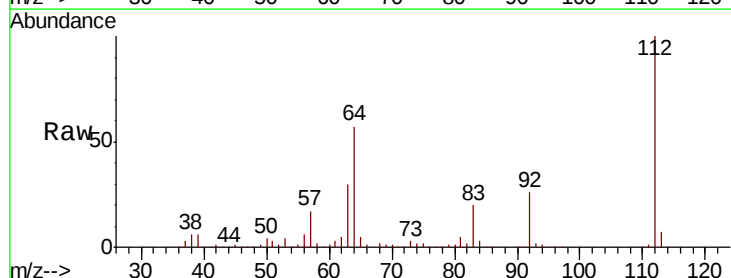


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

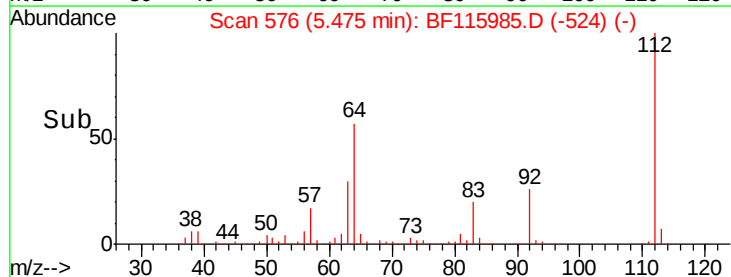
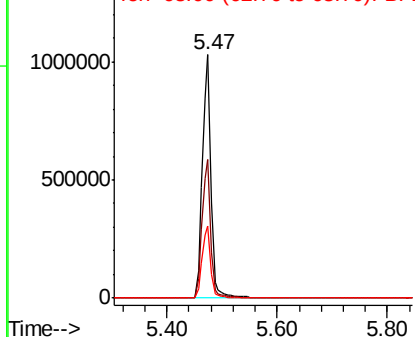


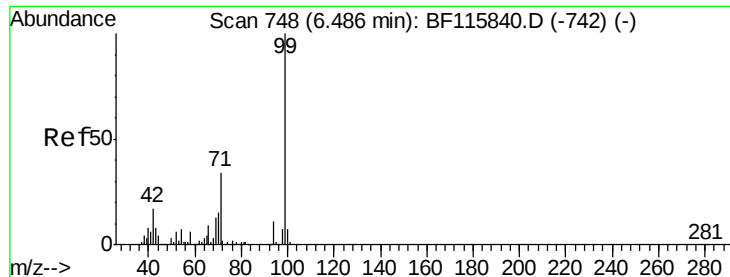
#5
 2-Fluorophenol
 Concen: 127.892 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion:112 Resp: 1100228
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.8 70.2
 63 29.7 24.2 36.2



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: 134.615 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Instrument :

BNA_F

ClientSampleId :

RT-4221

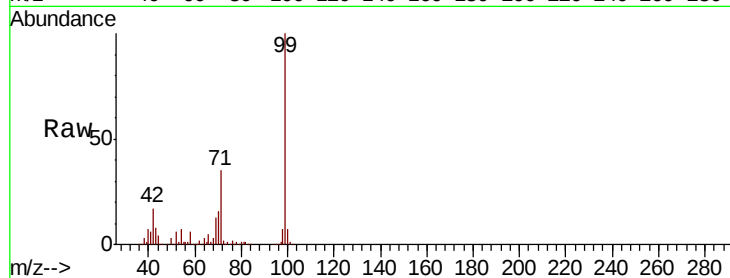
Tgt Ion: 99 Resp: 1461098

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

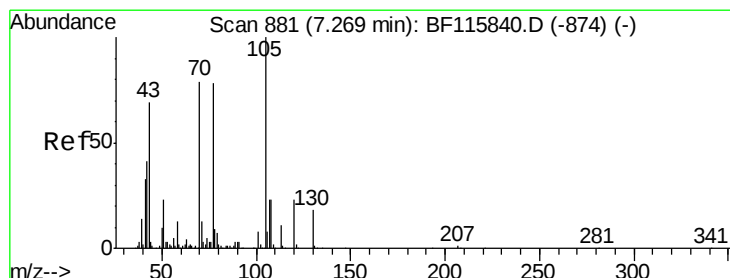
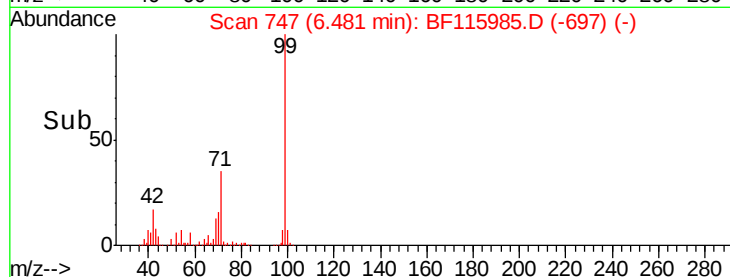
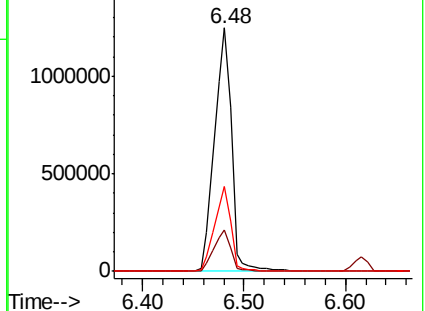
71 34.6 27.1 40.7



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: 18.367 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Tgt Ion: 70 Resp: 123535

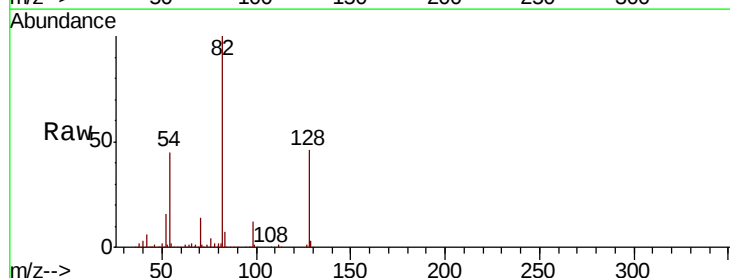
Ion Ratio Lower Upper

70 100

42 42.5 41.8 62.8

101 0.0 7.7 11.5#

130 2.1 17.8 26.6#

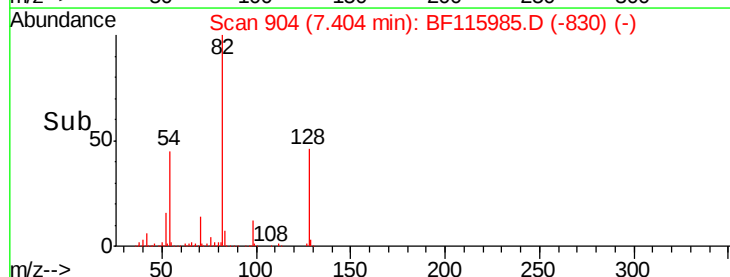
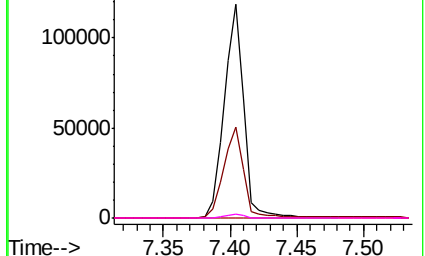


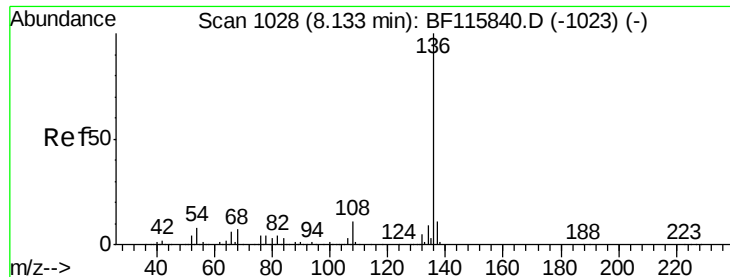
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

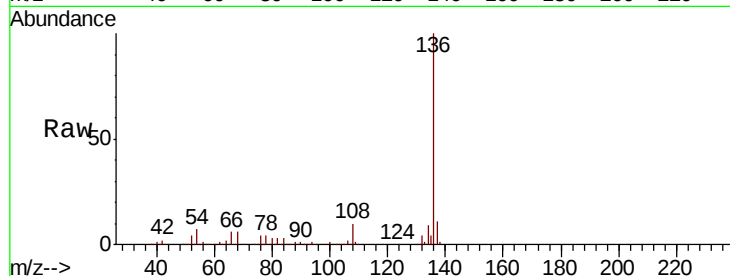




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

Instrument :
BNA_F
ClientSampleId :
RT-4221

Tgt Ion:	136	Resp:	553584
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.3	6.1	9.1
68	6.3	5.4	8.2



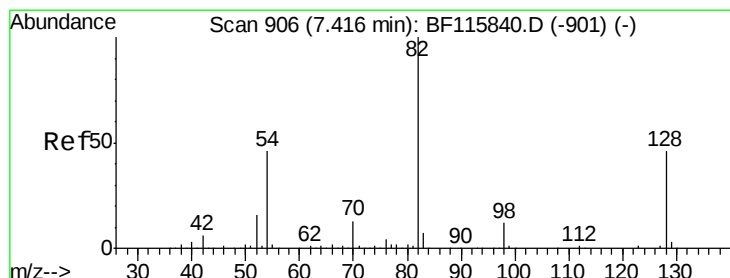
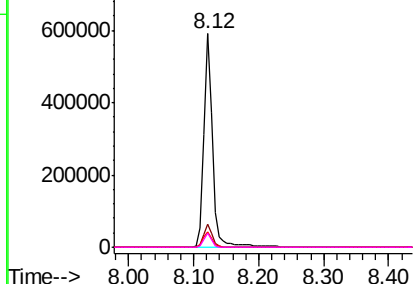
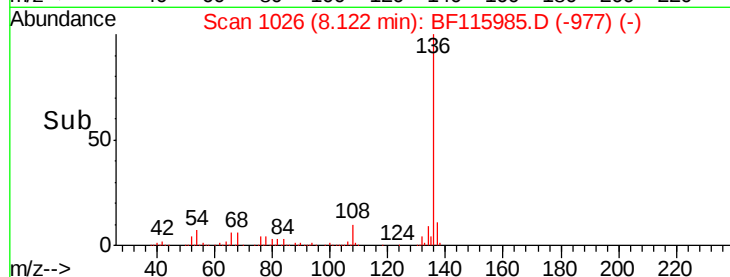
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

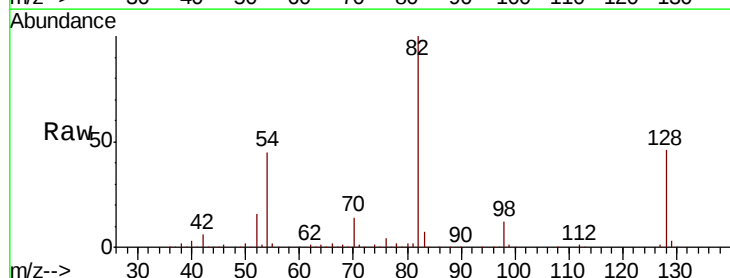
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 95.198 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115985.D
Acq: 5 Aug 2019 17:47

Tgt Ion:	82	Resp:	912982
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.6	55.0
54	45.1	36.6	55.0

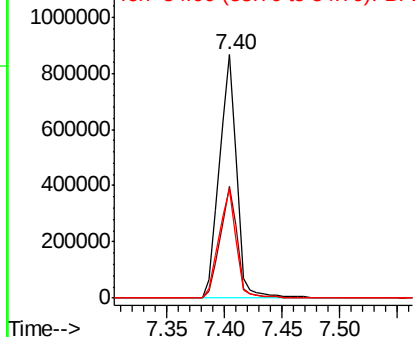
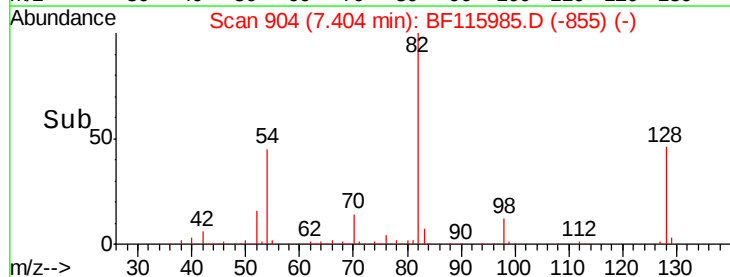


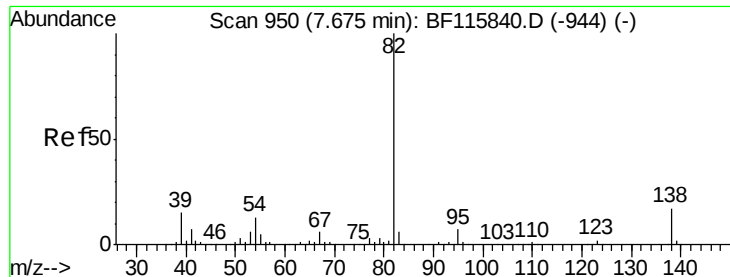
Abundance

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: 49.785 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Instrument :

BNA_F

ClientSampleId :

RT-4221

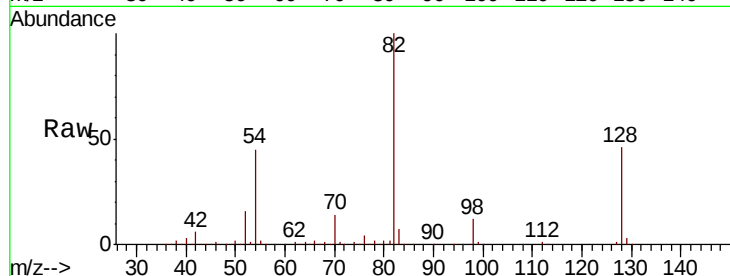
Tgt Ion: 82 Resp: 912971

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

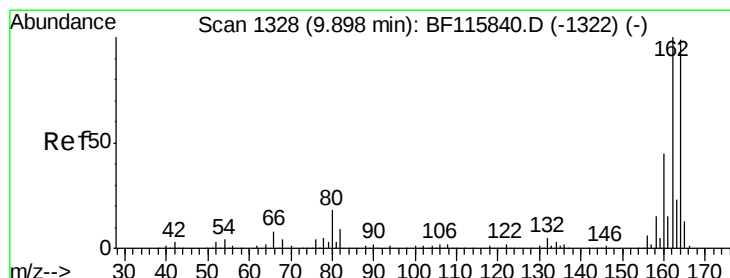
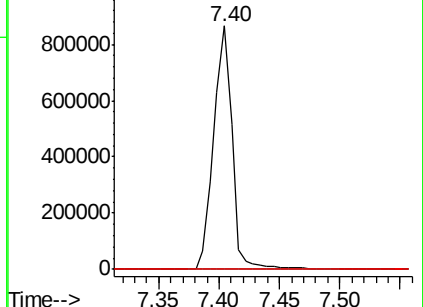
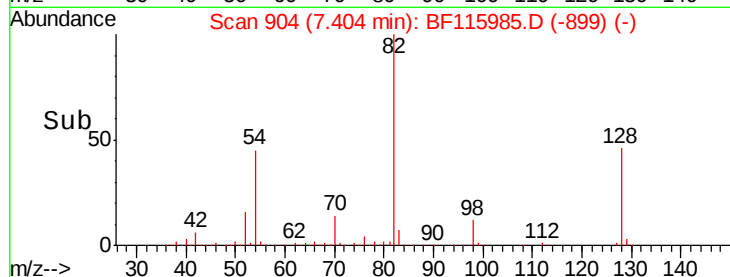
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF115985.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF115985.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF115985.D (-899) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

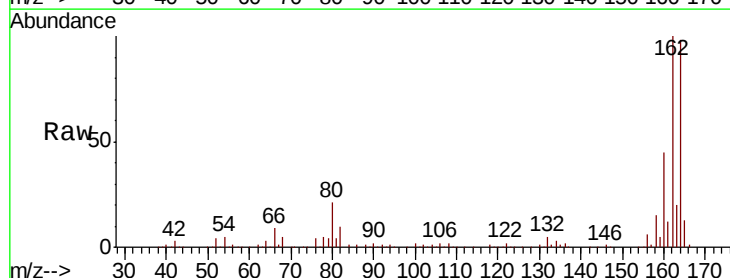
Tgt Ion: 164 Resp: 293393

Ion Ratio Lower Upper

164 100

162 101.9 80.8 121.2

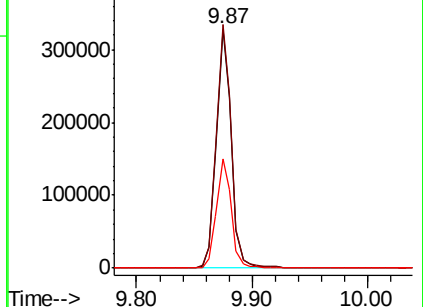
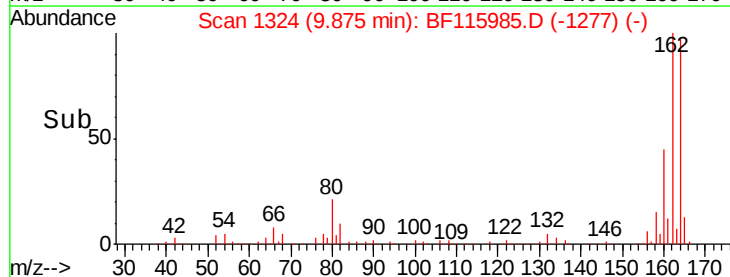
160 45.8 36.2 54.4

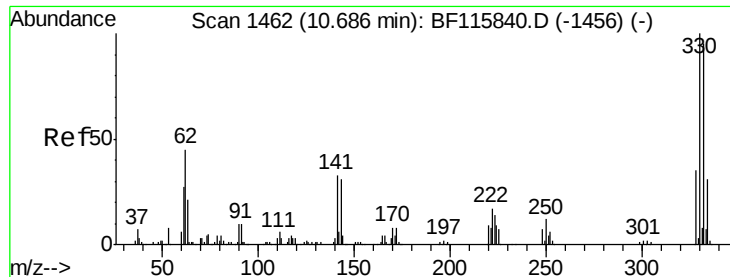


Abundance Ion 164.00 (163.70 to 164.70): BF115985.D (-1277) (-)

Ion 162.00 (161.70 to 162.70): BF115985.D (-1277) (-)

Ion 160.00 (159.70 to 160.70): BF115985.D (-1277) (-)

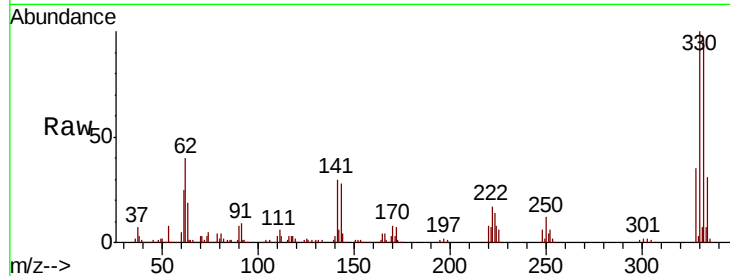




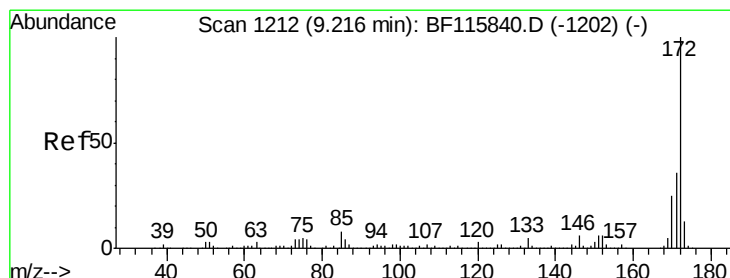
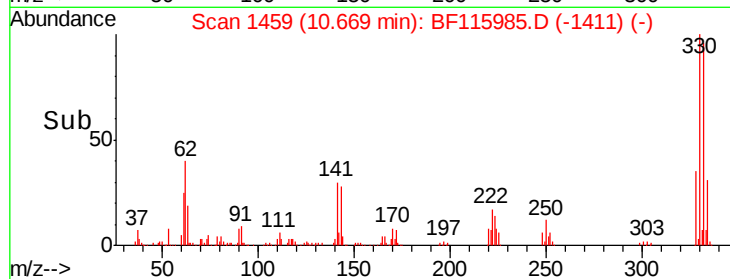
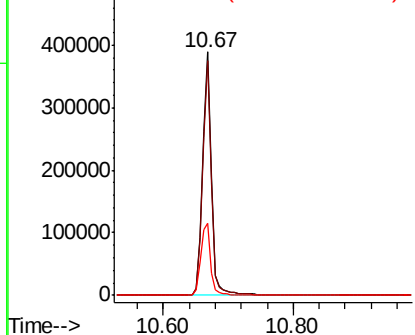
#42
 2,4,6-Tribromophenol
 Concen: 129.360 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Instrument :
 BNA_F
 ClientSampled :
 RT-4221

Tgt Ion:330 Resp: 367967
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 33.0 28.1 42.1

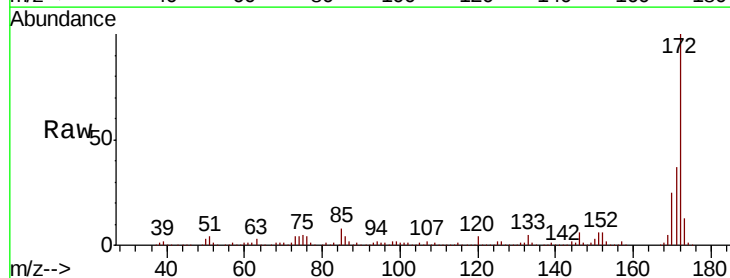


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

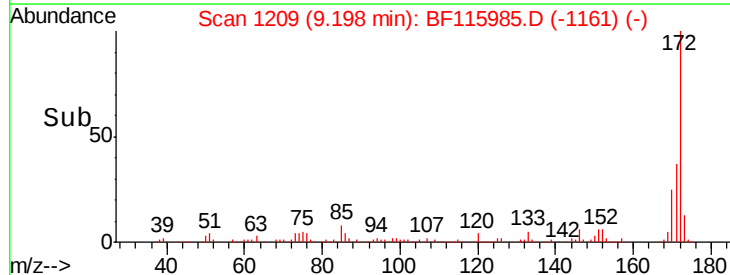
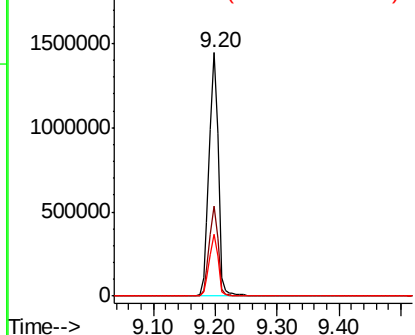


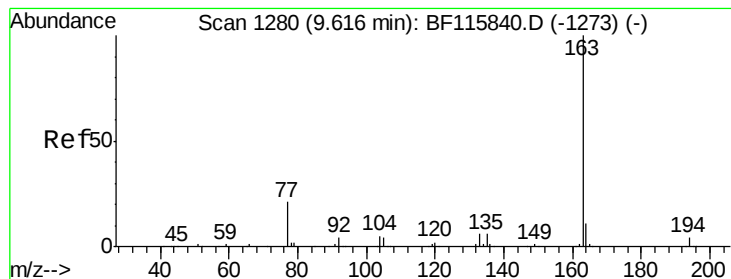
#45
 2-Fluorobiphenyl
 Concen: 94.870 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion:172 Resp: 1486021
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 25.2 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





#50

Dimethylphthalate

Concen: 5.204 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Instrument :

BNA_F

ClientSampleId :

RT-4221

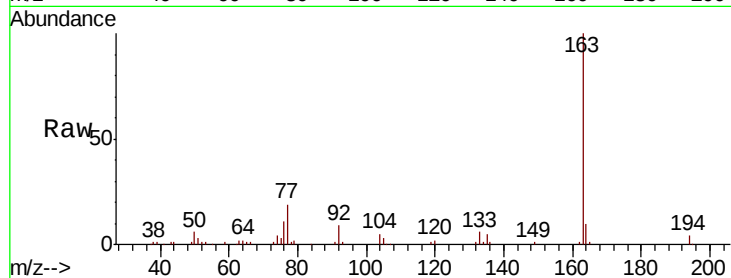
Tgt Ion:163 Resp: 103966

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

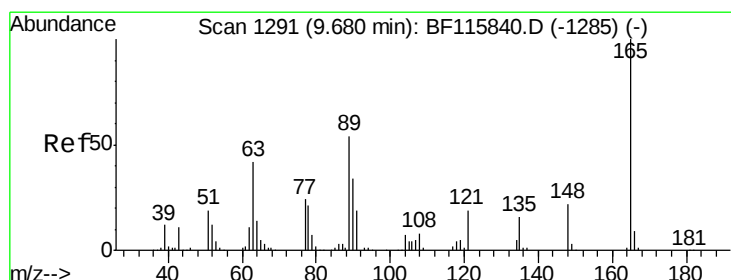
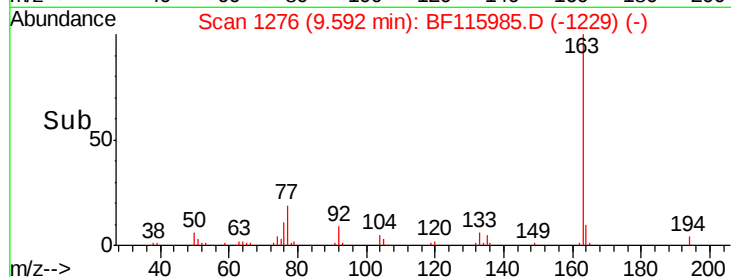
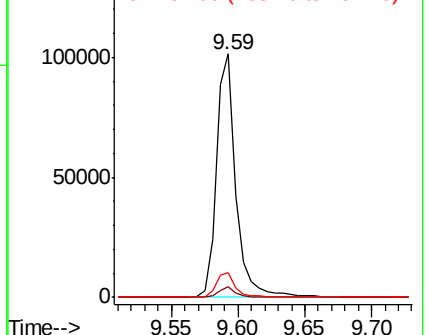
164 9.9 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.752 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.19 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

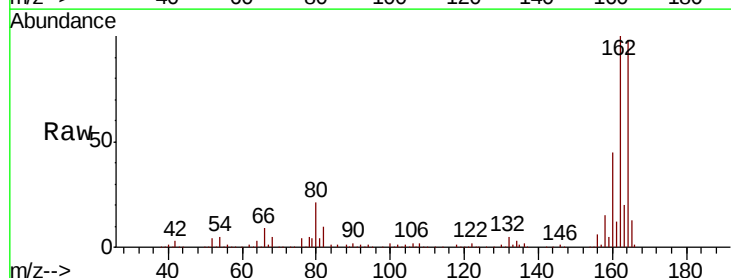
Tgt Ion:165 Resp: 37996

Ion Ratio Lower Upper

165 100

63 0.8 39.4 59.2#

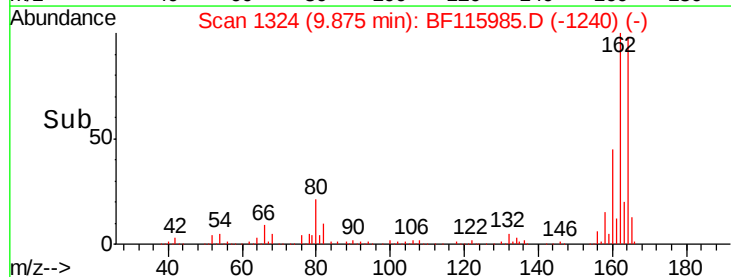
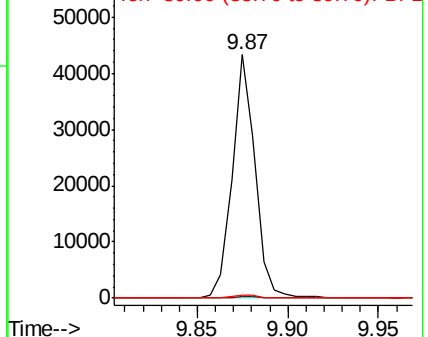
89 1.3 43.0 64.6#

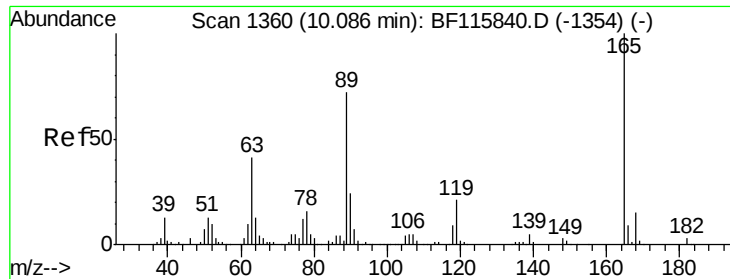


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

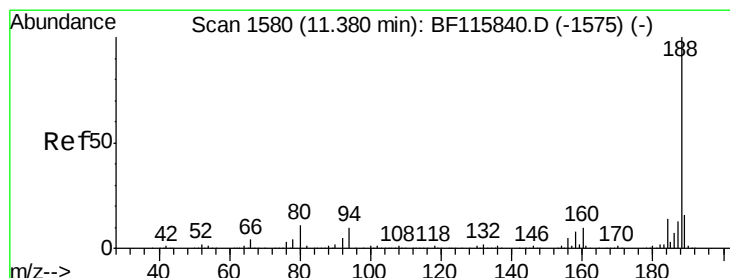
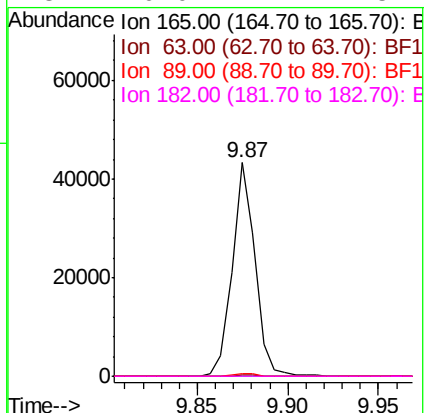
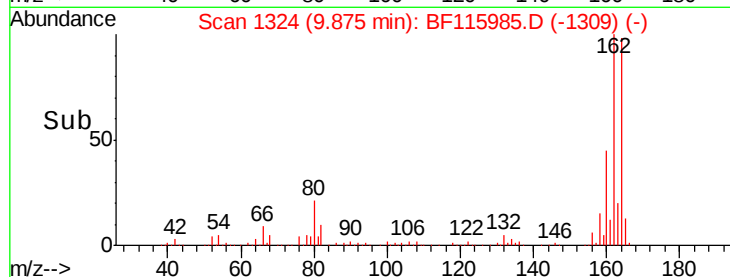
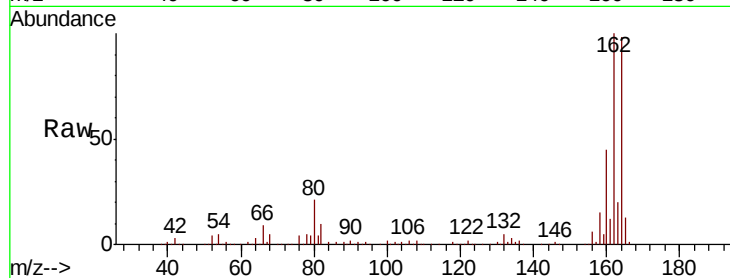




#57
 2,4-Dinitrotoluene
 Concen: 6.574 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

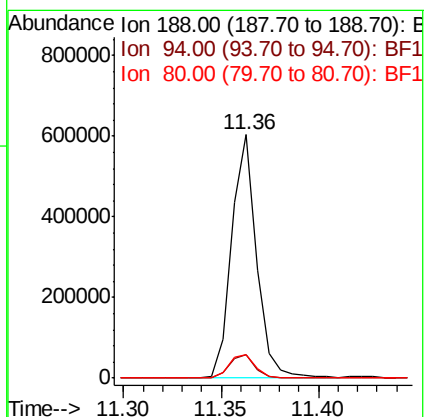
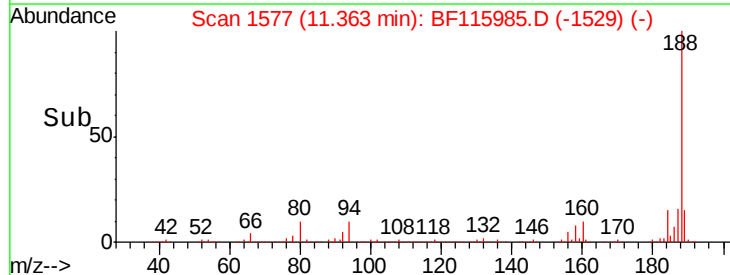
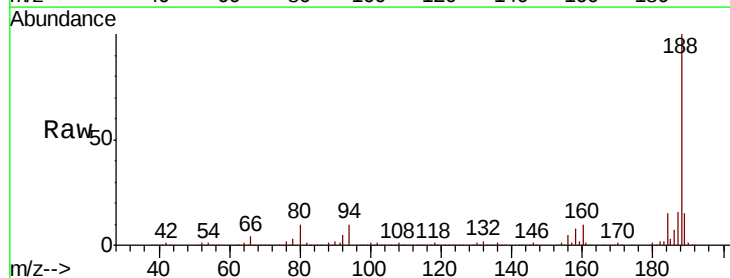
Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

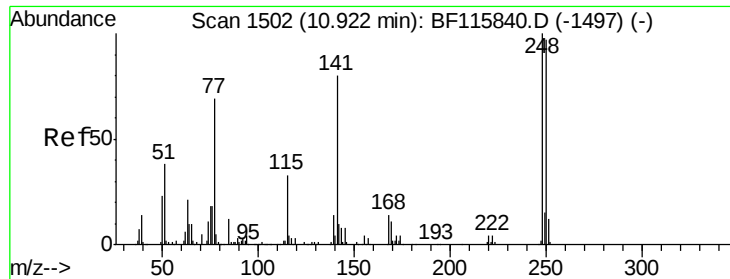
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	33.2	49.8#
89	1.3	57.3	85.9#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	9.8	8.6	12.8

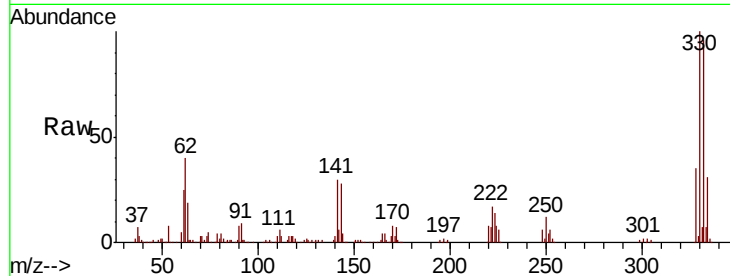




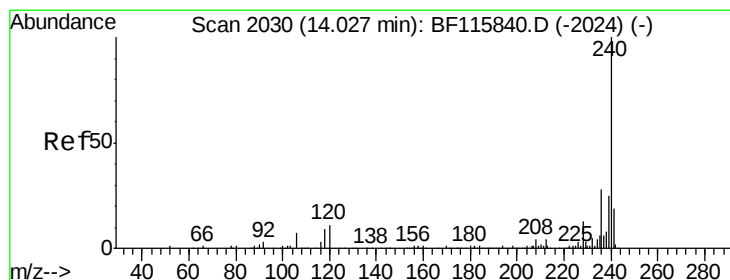
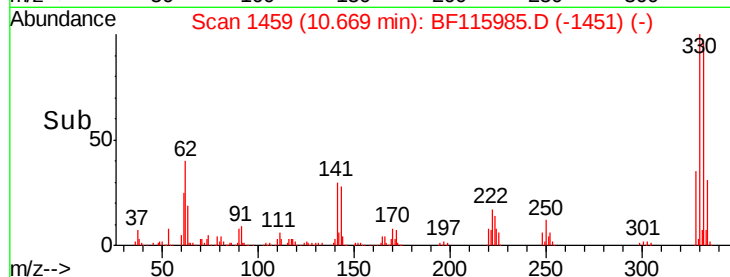
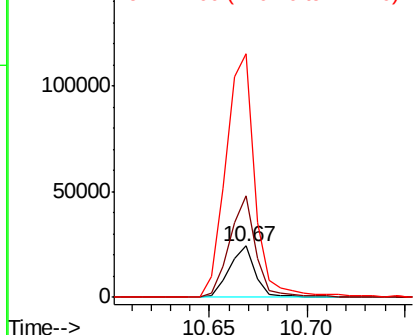
#67
 4-Bromophenyl-phenylether
 Concen: 3.918 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Instrument :
 BNA_F
 ClientSampleId :
 RT-4221

Tgt Ion:248 Resp: 22455
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.8 116.6#
 141 477.0 64.3 96.5#

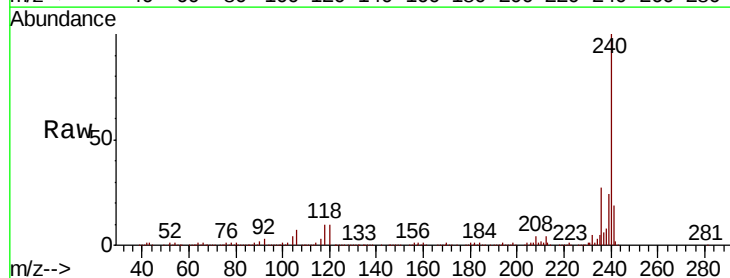


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

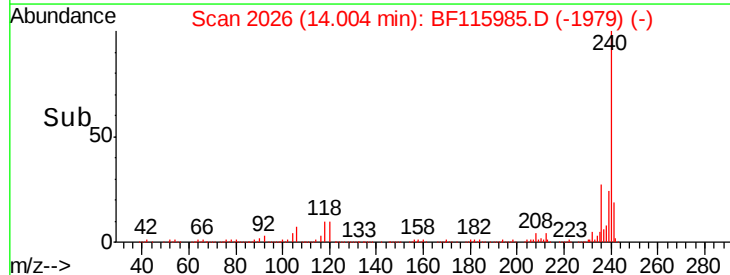
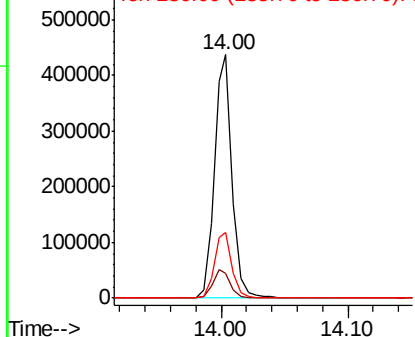


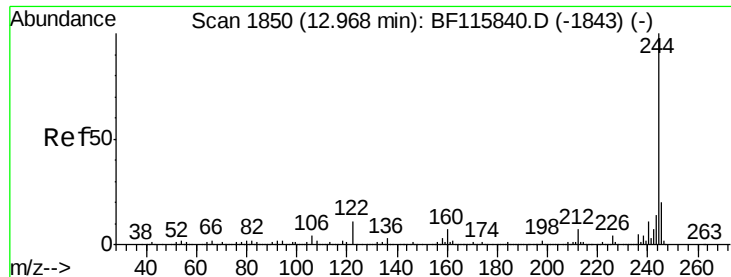
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF115985.D
 Acq: 5 Aug 2019 17:47

Tgt Ion:240 Resp: 426589
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.5 12.7
 236 27.2 22.2 33.2



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: 82.339 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

Instrument :

BNA_F

ClientSampleId :

RT-4221

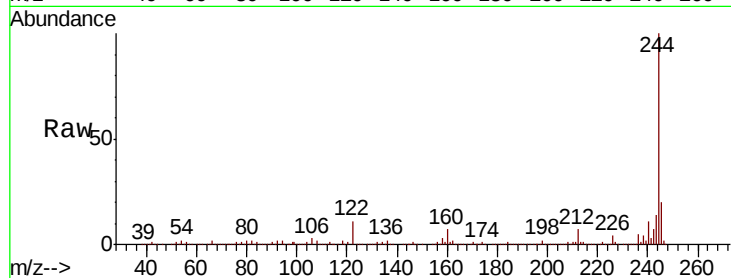
Tgt Ion:244 Resp: 1666927

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

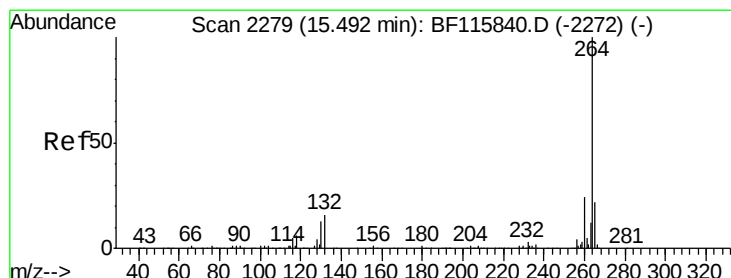
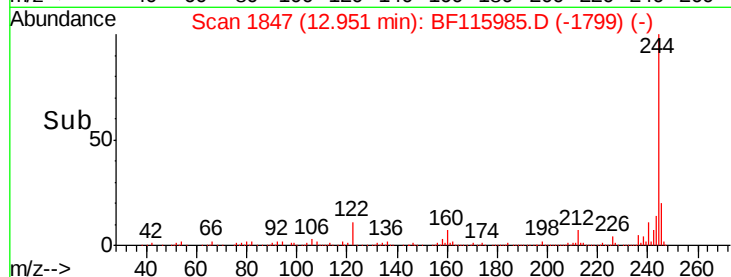
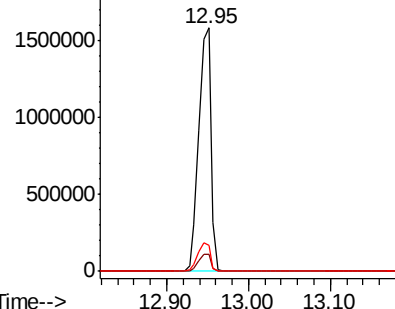
122 10.5 8.6 13.0



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: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF115985.D

Acq: 5 Aug 2019 17:47

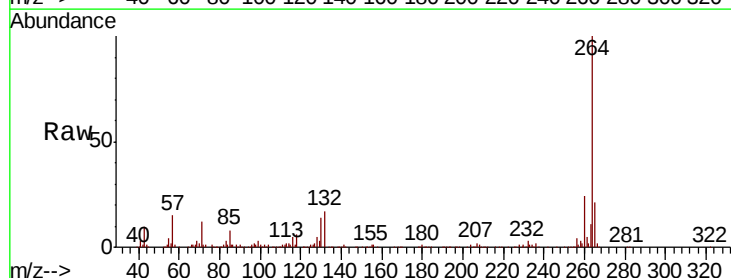
Tgt Ion:264 Resp: 375402

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.2 17.5 26.3



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

