

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080319\
 Data File : BF115974.D
 Acq On : 3 Aug 2019 11:57
 Operator : HP/JU
 Sample : IDOC BL-RC
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC BL-RC

Quant Time: Aug 05 01:17:02 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

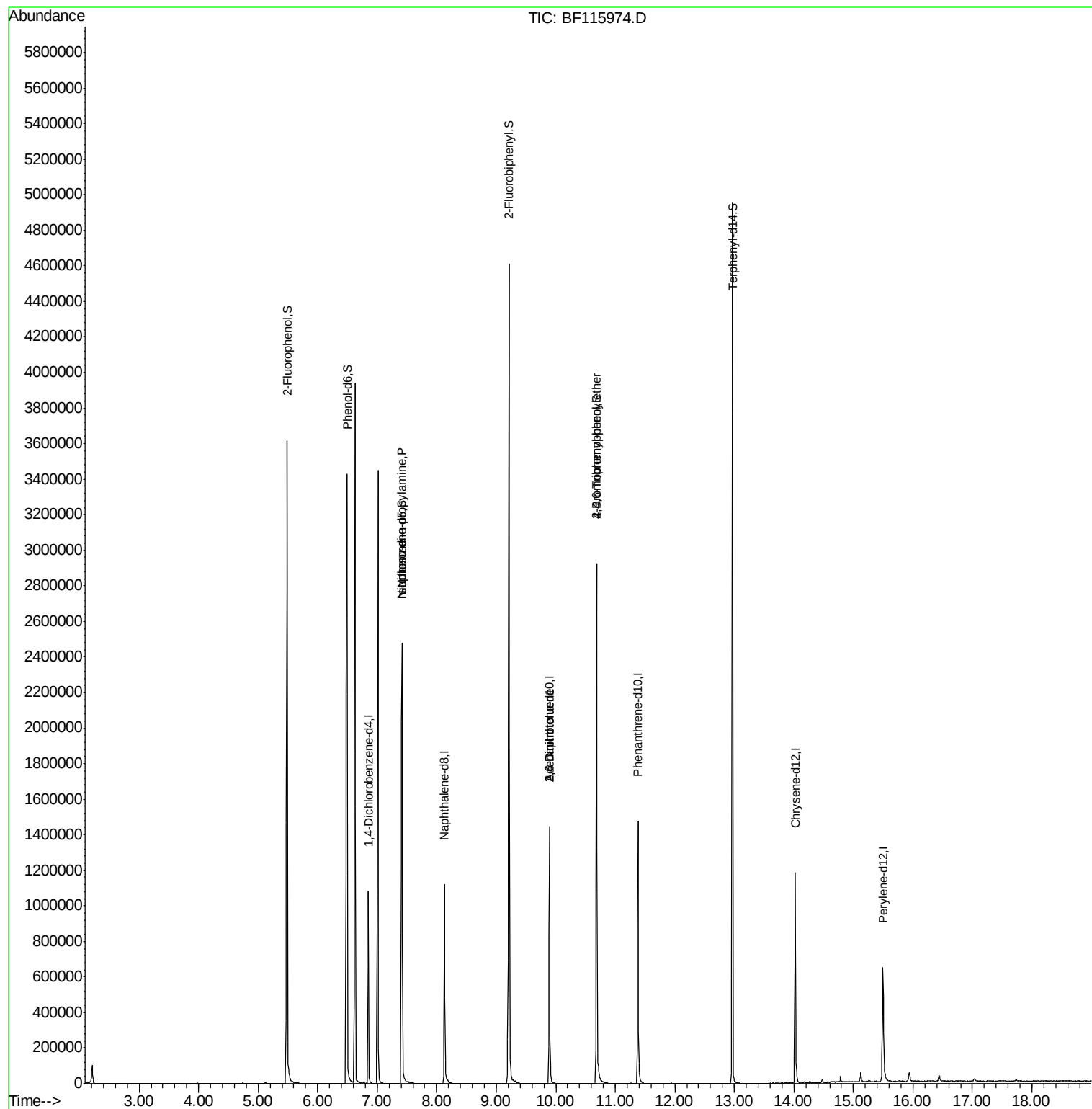
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151000	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	581803	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	321903	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	588165	20.00	ng	0.00
76) Chrysene-d12	14.02	240	435657	20.00	ng	0.00
87) Perylene-d12	15.50	264	381610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1119071	124.07	ng	0.02
7) Phenol-d6	6.49	99	1452617	127.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	966052	95.85	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	429567	137.64	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1697067	98.75	ng	0.00
79) Terphenyl-d14	12.97	244	1982145	95.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	128518	18.224	ng	# 77
25) Isophorone	7.42	82	953105	49.453	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	40359	8.473	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	40359	6.364	ng	# 24
67) 4-Bromophenyl-phenylether	10.69	248	25630	4.071	ng	# 1

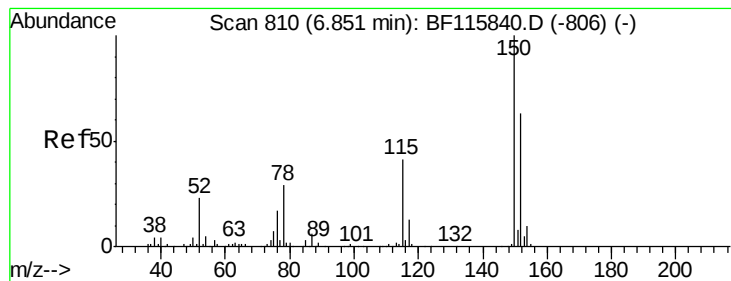
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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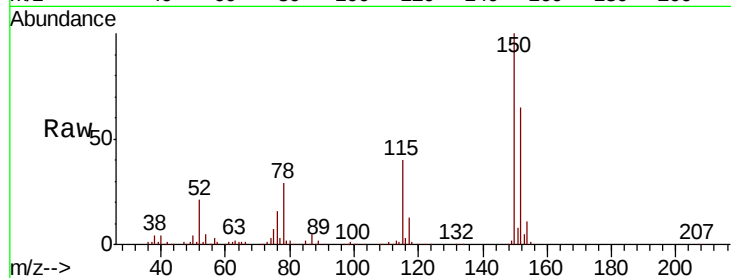


#1

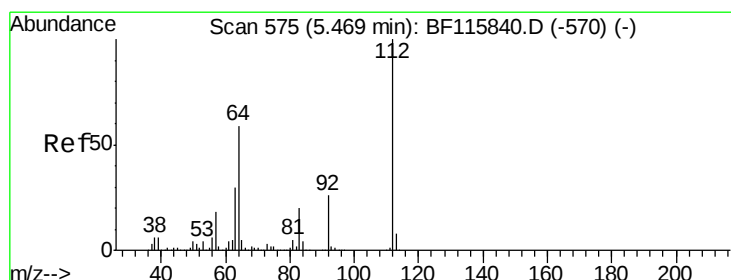
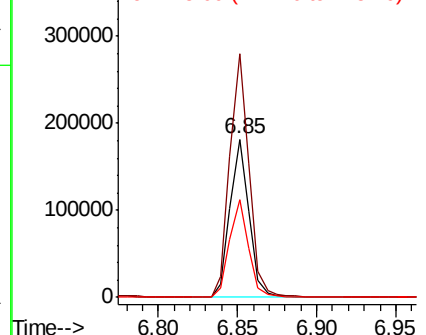
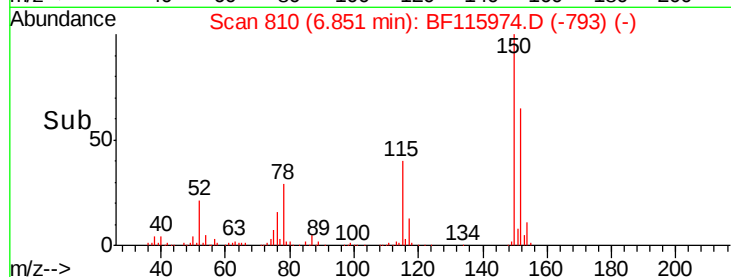
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Instrument :
BNA_F
ClientSampleId :
IDOC BL-RC

Tgt Ion:152 Resp: 151000
Ion Ratio Lower Upper
152 100
150 154.2 127.4 191.0
115 62.2 51.8 77.8



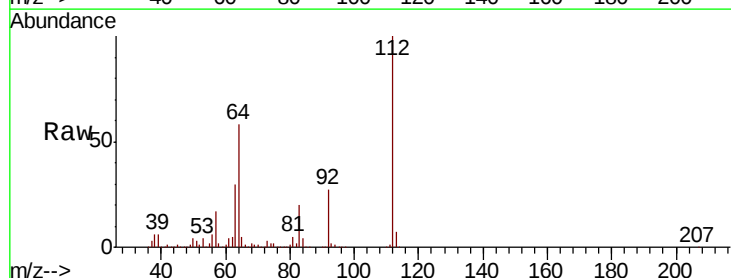
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



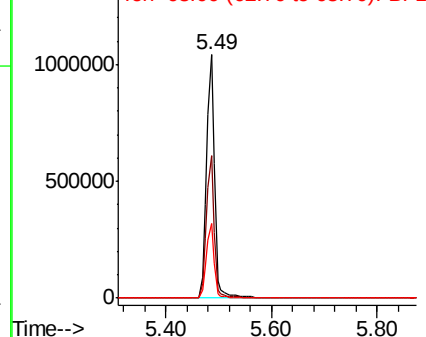
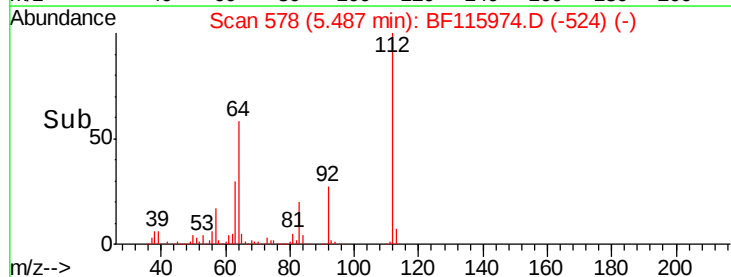
#5

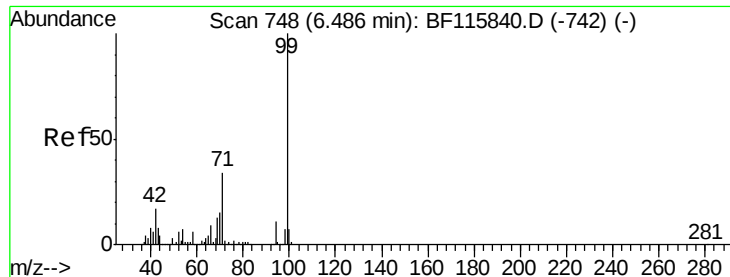
2-Fluorophenol
Concen: 124.066 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Tgt Ion:112 Resp: 1119071
Ion Ratio Lower Upper
112 100
64 58.3 46.8 70.2
63 30.5 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: 127.643 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

Instrument :

BNA_F

ClientSampleId :

IDOC BL-RC

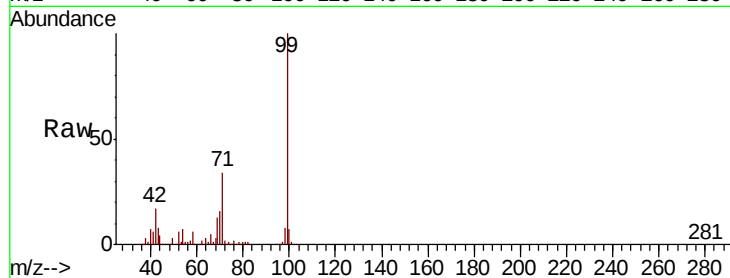
Tgt Ion: 99 Resp: 1452617

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

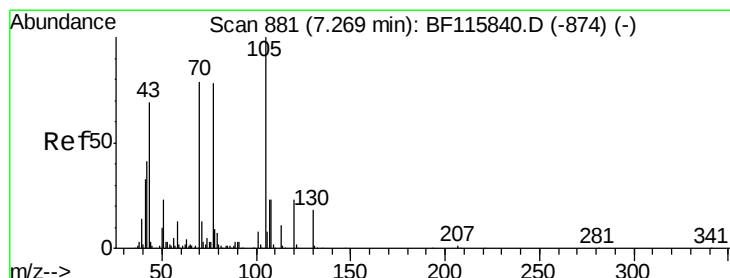
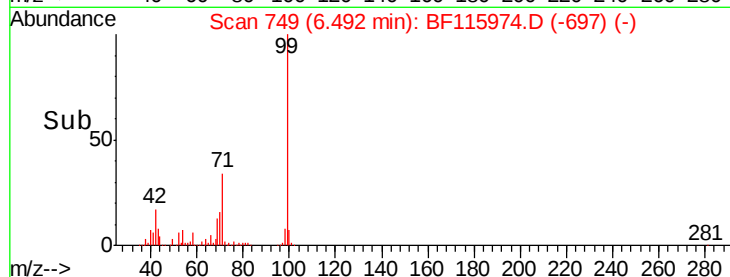
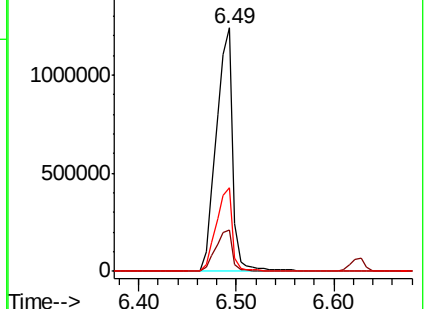
71 34.4 27.1 40.7



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: 18.224 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

Tgt Ion: 70 Resp: 128518

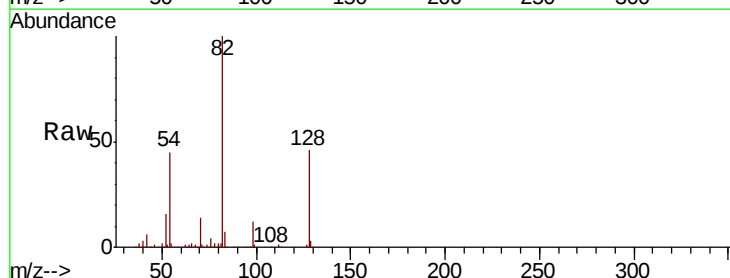
Ion Ratio Lower Upper

70 100

42 42.4 41.8 62.8

101 0.0 7.7 11.5#

130 2.4 17.8 26.6#

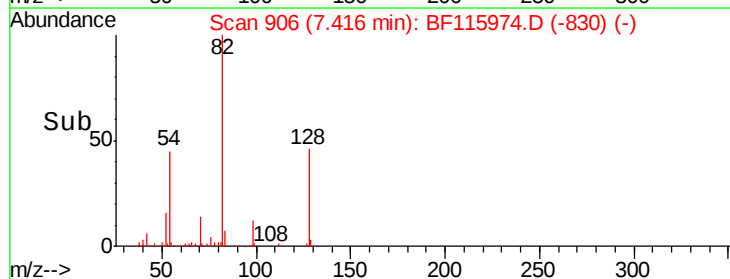
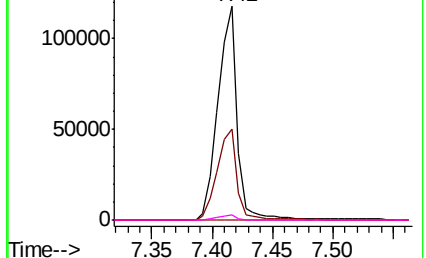


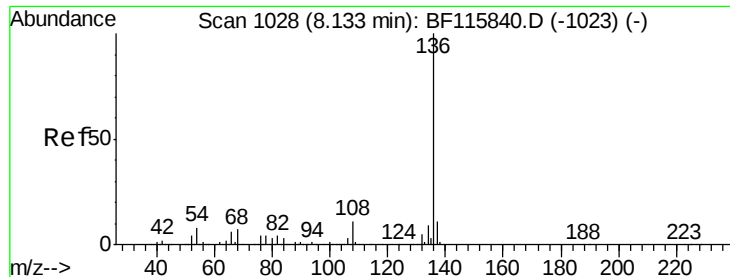
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

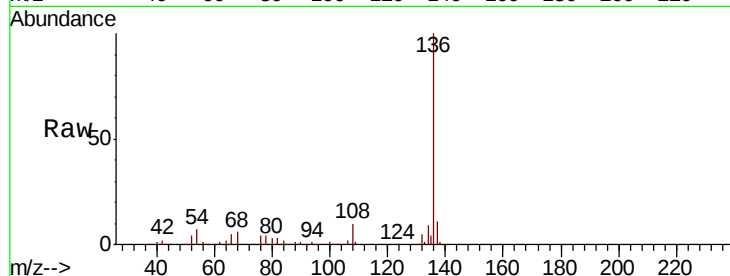




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Instrument :
BNA_F
ClientSampleId :
IDOC BL-RC

Tgt Ion:	136	Resp:	581803
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.6	6.1	9.1
68	5.9	5.4	8.2



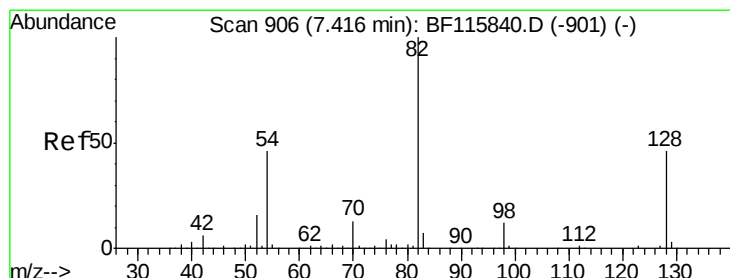
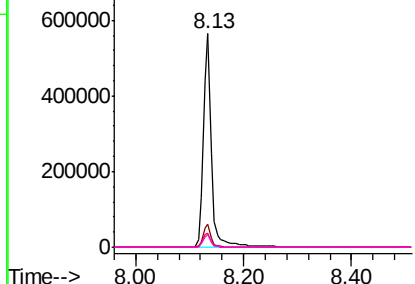
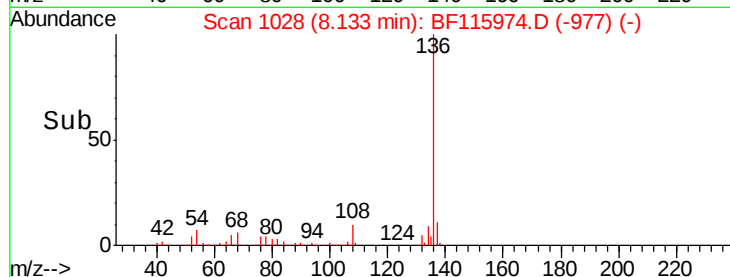
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

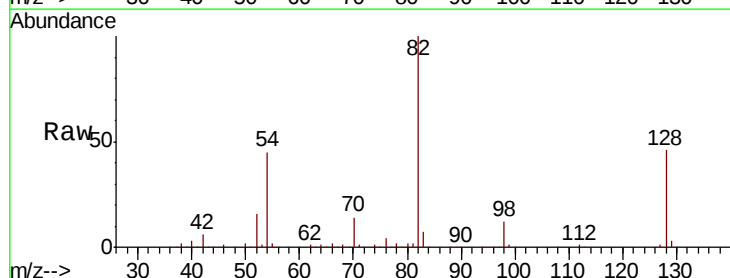
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 95.846 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Tgt Ion:	82	Resp:	966052
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.6	55.0
54	45.2	36.6	55.0

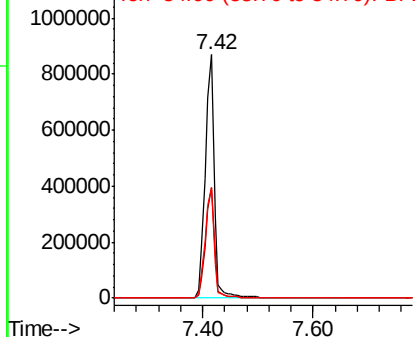
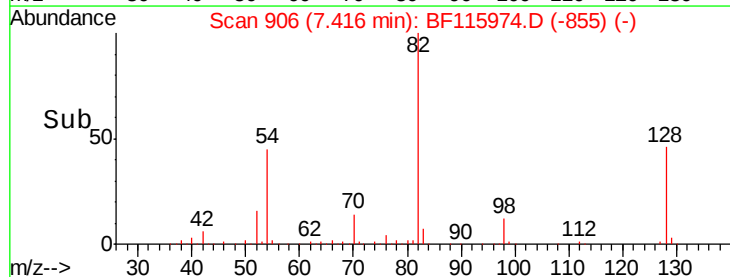


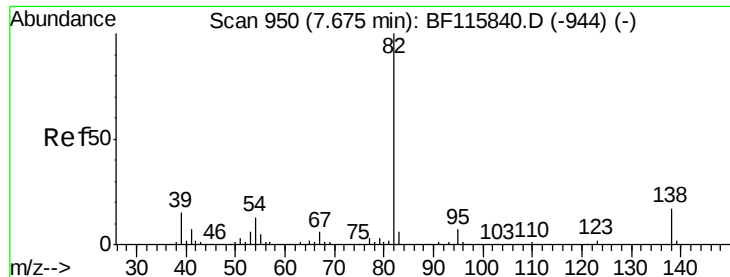
Abundance

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: 49.453 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

Instrument :

BNA_F

ClientSampleId :

IDOC BL-RC

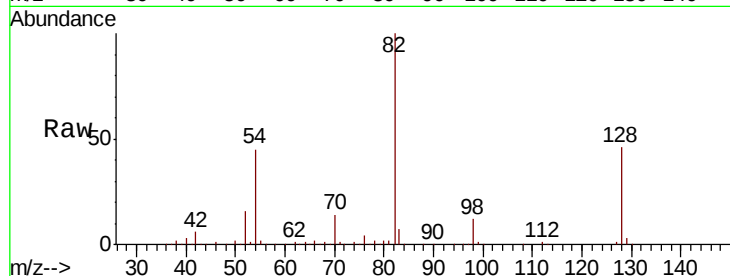
Tgt Ion: 82 Resp: 953105

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

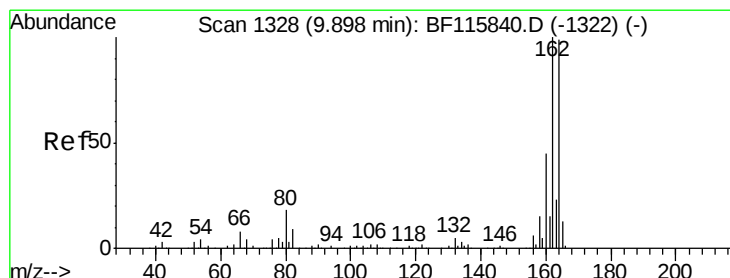
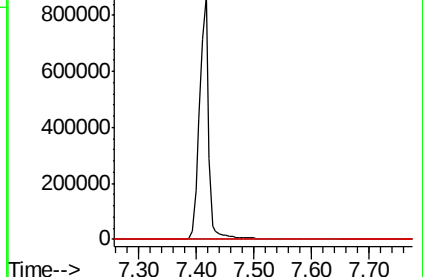
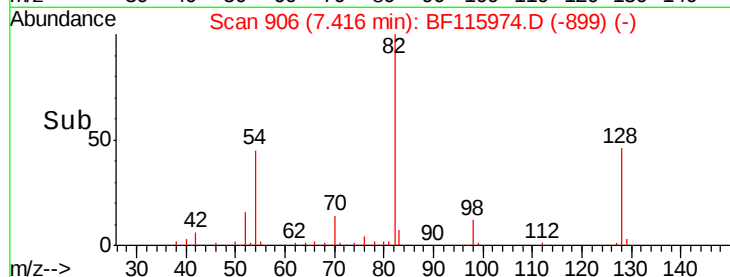
138 0.0 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BF115840.D (-944) (-)

Ion 95.00 (94.70 to 95.70): BF115840.D (-944) (-)

Ion 138.00 (137.70 to 138.70): BF115840.D (-944) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

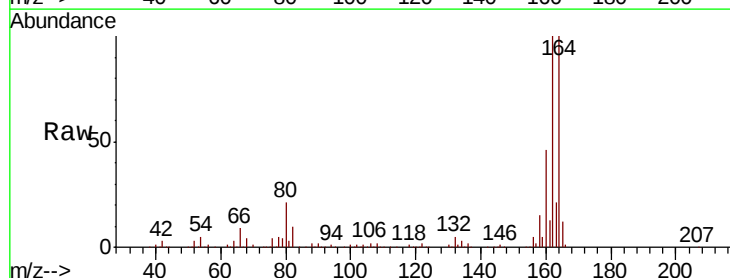
Tgt Ion: 164 Resp: 321903

Ion Ratio Lower Upper

164 100

162 99.6 80.8 121.2

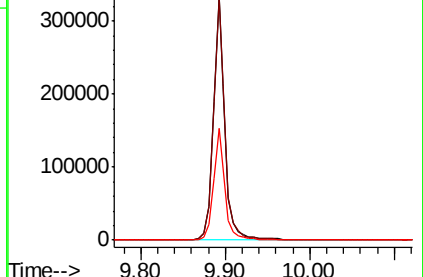
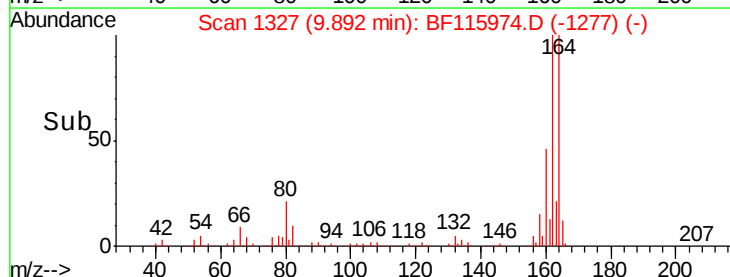
160 45.7 36.2 54.4

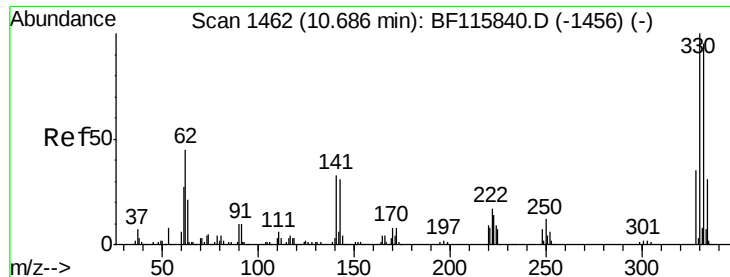


Abundance Ion 164.00 (163.70 to 164.70): BF115840.D (-1322) (-)

Ion 162.00 (161.70 to 162.70): BF115840.D (-1322) (-)

Ion 160.00 (159.70 to 160.70): BF115840.D (-1322) (-)

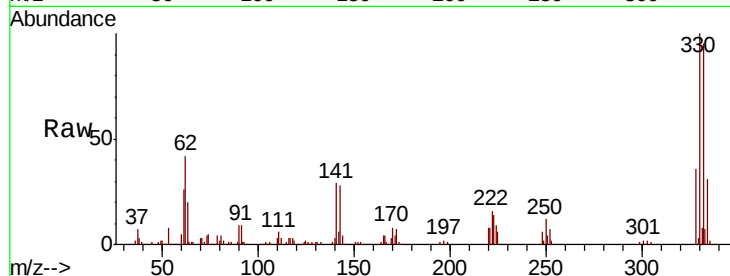




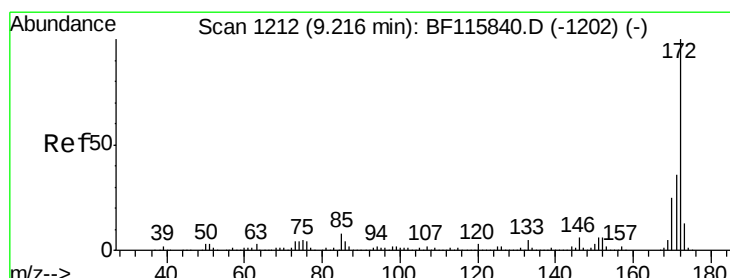
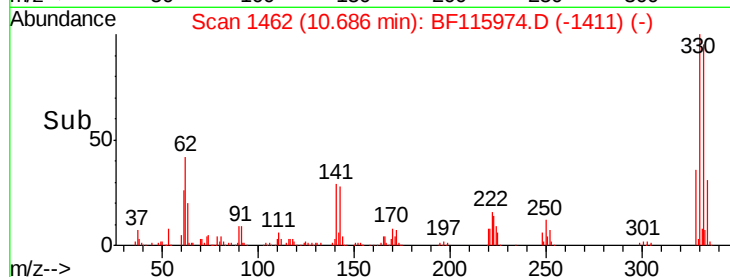
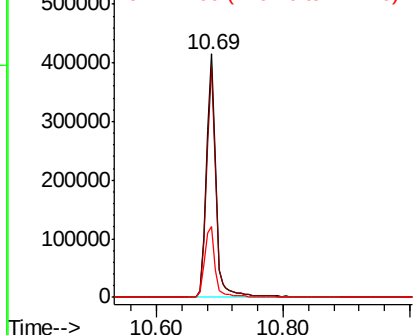
#42
 2,4,6-Tribromophenol
 Concen: 137.640 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115974.D
 Acq: 3 Aug 2019 11:57

Instrument :
 BNA_F
 ClientSampled :
 IDOC BL-RC

Tgt Ion:330 Resp: 429567
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.7 116.5
 141 32.6 28.1 42.1

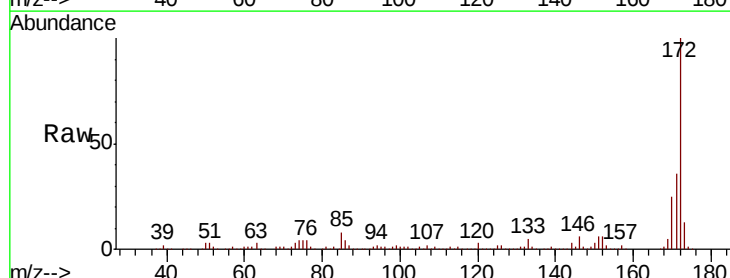


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

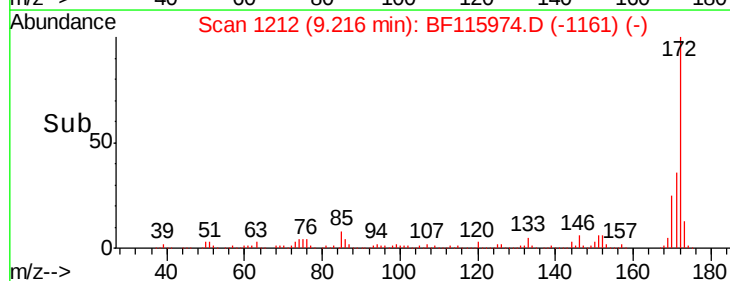
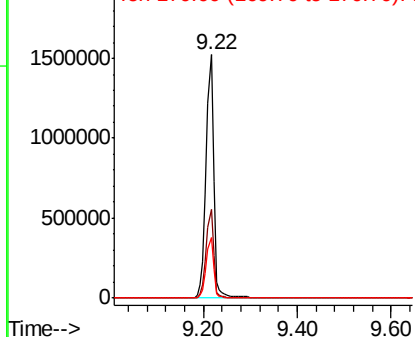


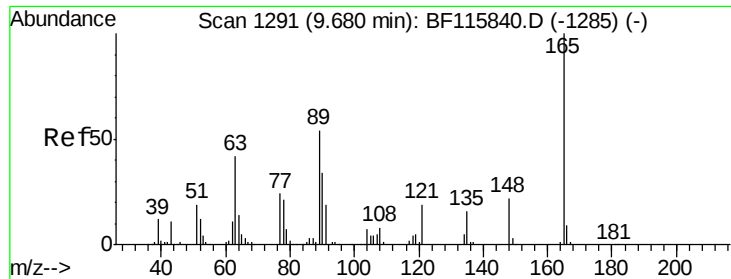
#45
 2-Fluorobiphenyl
 Concen: 98.748 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115974.D
 Acq: 3 Aug 2019 11:57

Tgt Ion:172 Resp: 1697067
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.1 43.7
 170 24.8 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: 8.473 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

Instrument :

BNA_F

ClientSampleId :

IDOC BL-RC

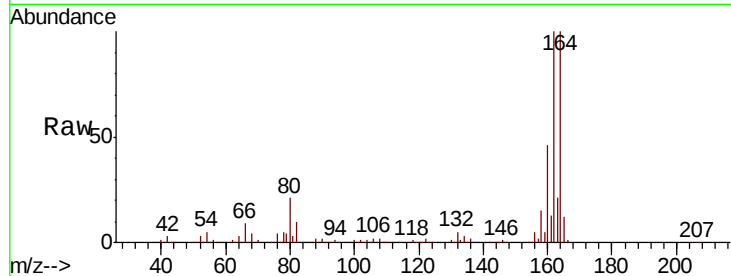
Tgt Ion:165 Resp: 40359

Ion Ratio Lower Upper

165 100

63 1.1 39.4 59.2#

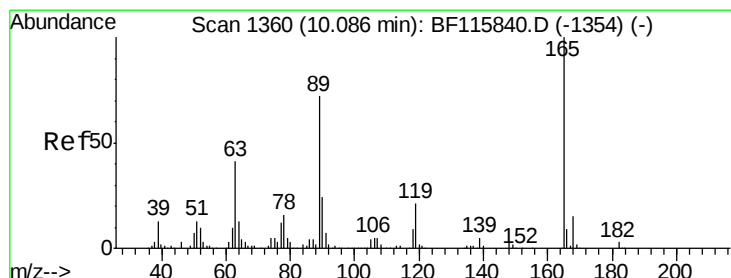
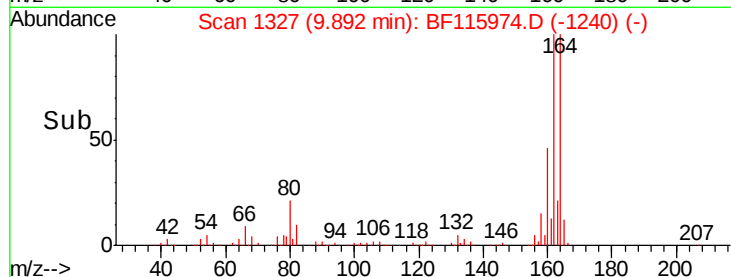
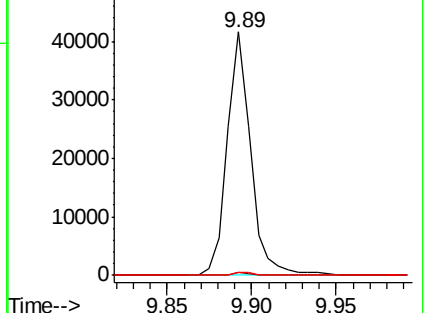
89 1.2 43.0 64.6#



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: 6.364 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

Tgt Ion:165 Resp: 40359

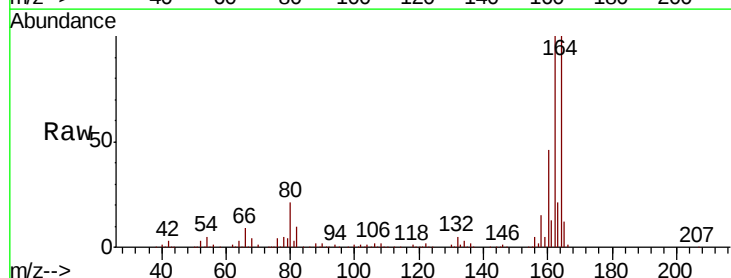
Ion Ratio Lower Upper

165 100

63 1.1 33.2 49.8#

89 1.2 57.3 85.9#

182 0.0 2.1 3.1#

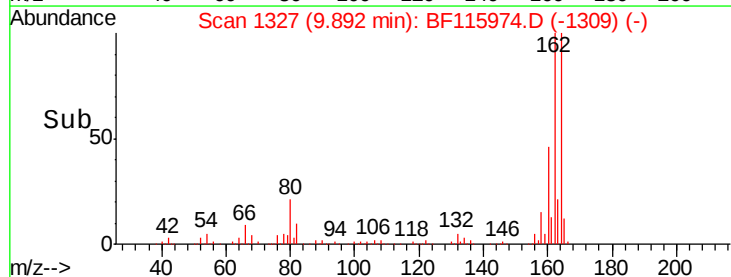
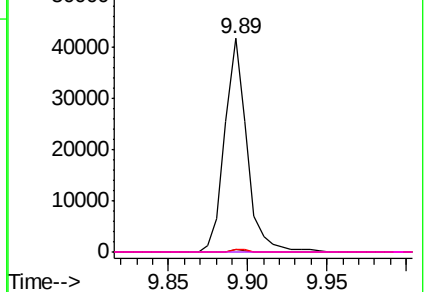


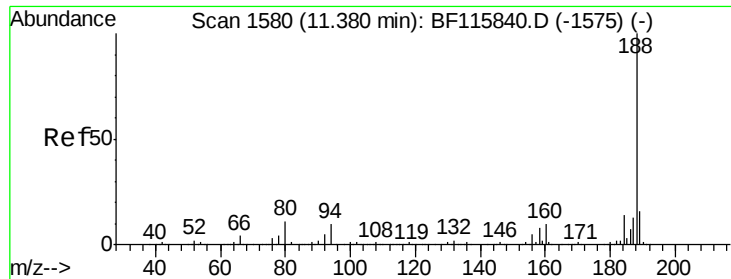
Abundance Ion 165.00 (164.70 to 165.70): E

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

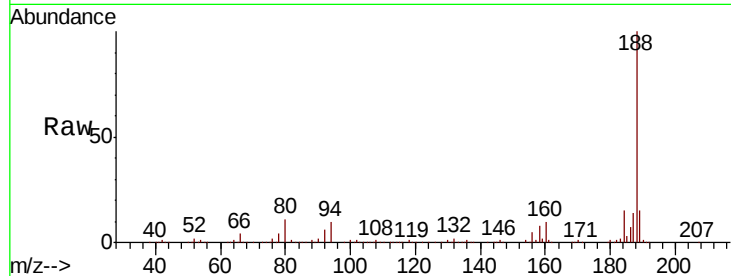




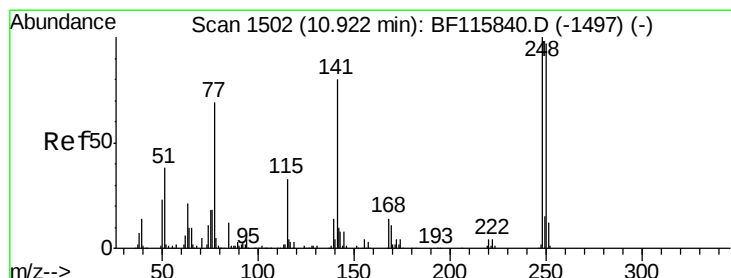
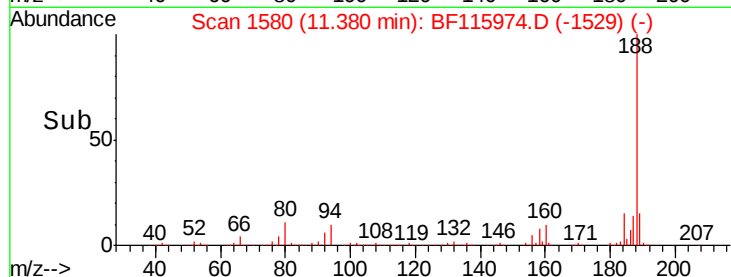
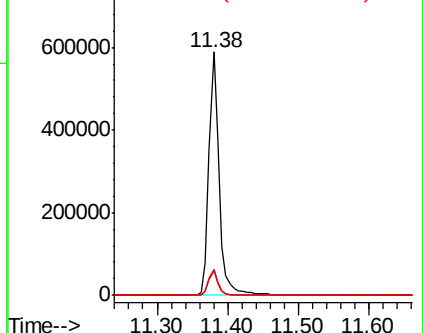
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Instrument :
BNA_F
ClientSampleId :
IDOC BL-RC

Tgt Ion:188 Resp: 588165
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.5 8.6 12.8

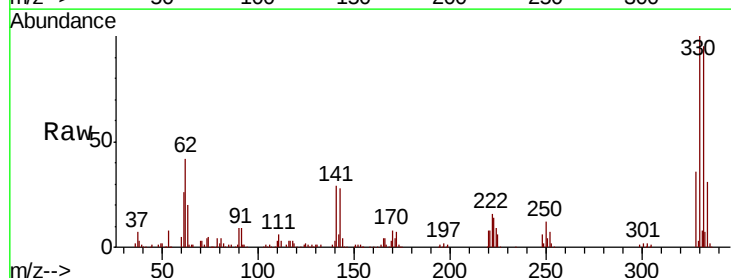


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

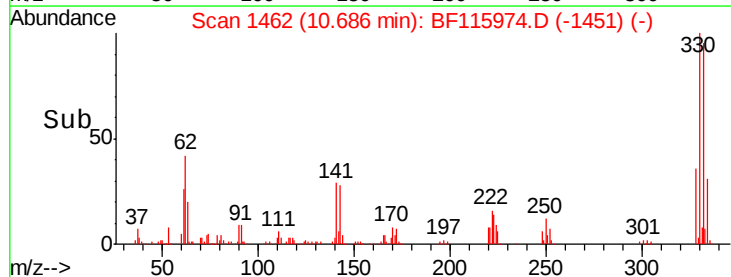
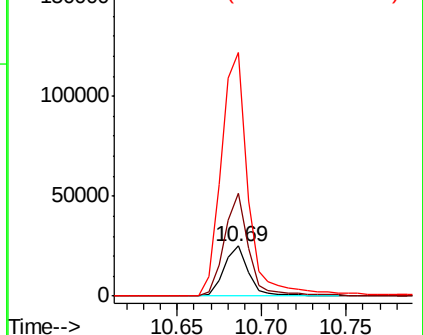


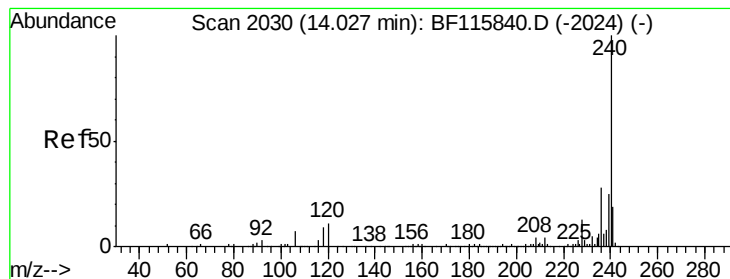
#67
4-Bromophenyl-phenylether
Concen: 4.071 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Tgt Ion:248 Resp: 25630
Ion Ratio Lower Upper
248 100
250 204.6 77.8 116.6#
141 485.4 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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

Instrument :

BNA_F

ClientSampled :

IDOC BL-RC

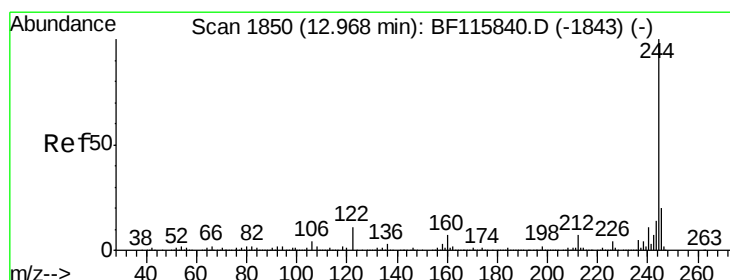
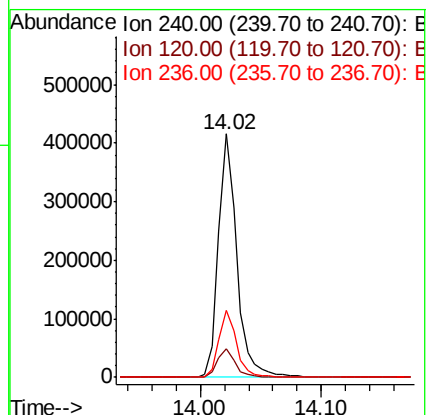
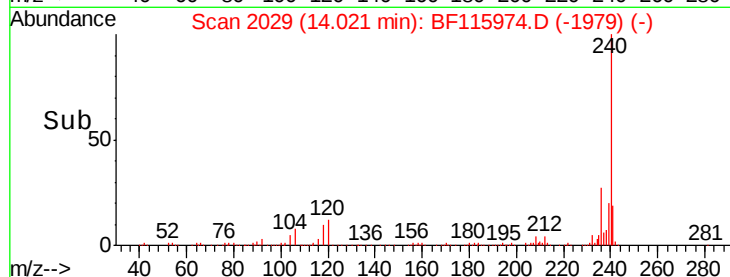
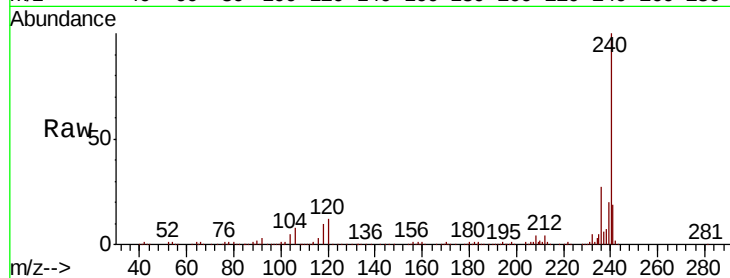
Tgt Ion:240 Resp: 435657

Ion Ratio Lower Upper

240 100

120 11.7 8.5 12.7

236 27.4 22.2 33.2



#79

Terphenyl-d14

Concen: 95.871 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115974.D

Acq: 3 Aug 2019 11:57

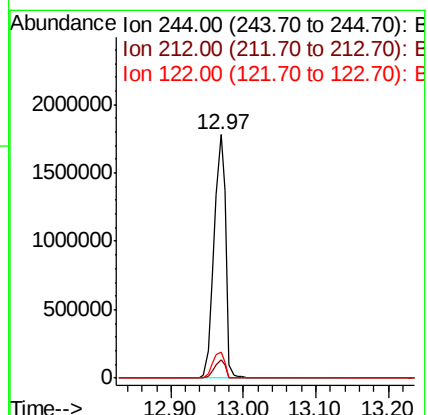
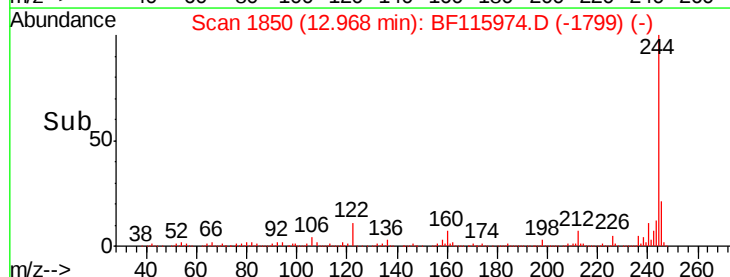
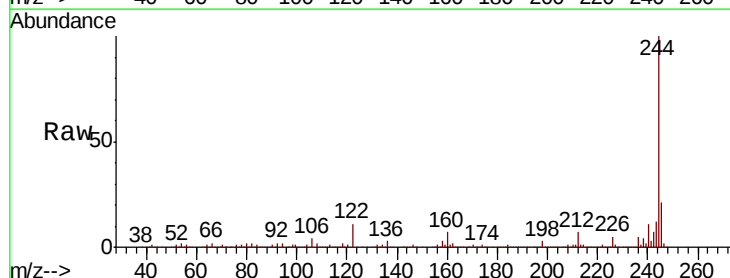
Tgt Ion:244 Resp: 1982145

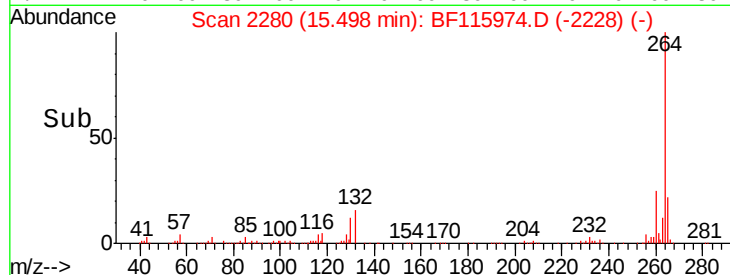
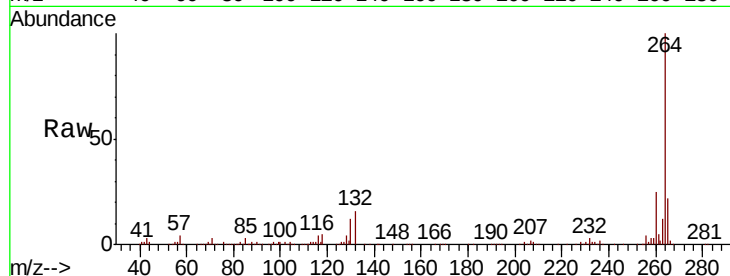
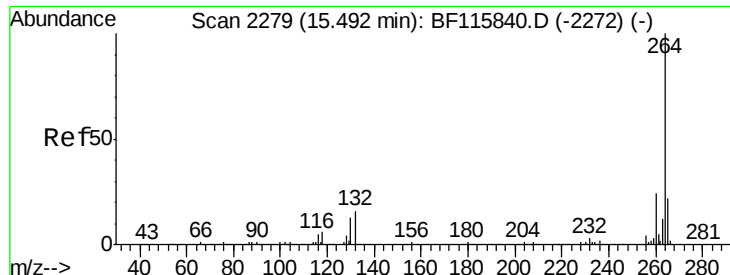
Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 10.9 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115974.D
Acq: 3 Aug 2019 11:57

Instrument :
BNA_F
ClientSampleId :
IDOC BL-RC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.0	17.5	26.3

