

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114408.D
 Acq On : 19 May 2019 00:06
 Operator : JU/SJ
 Sample : K2869-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:13:02 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

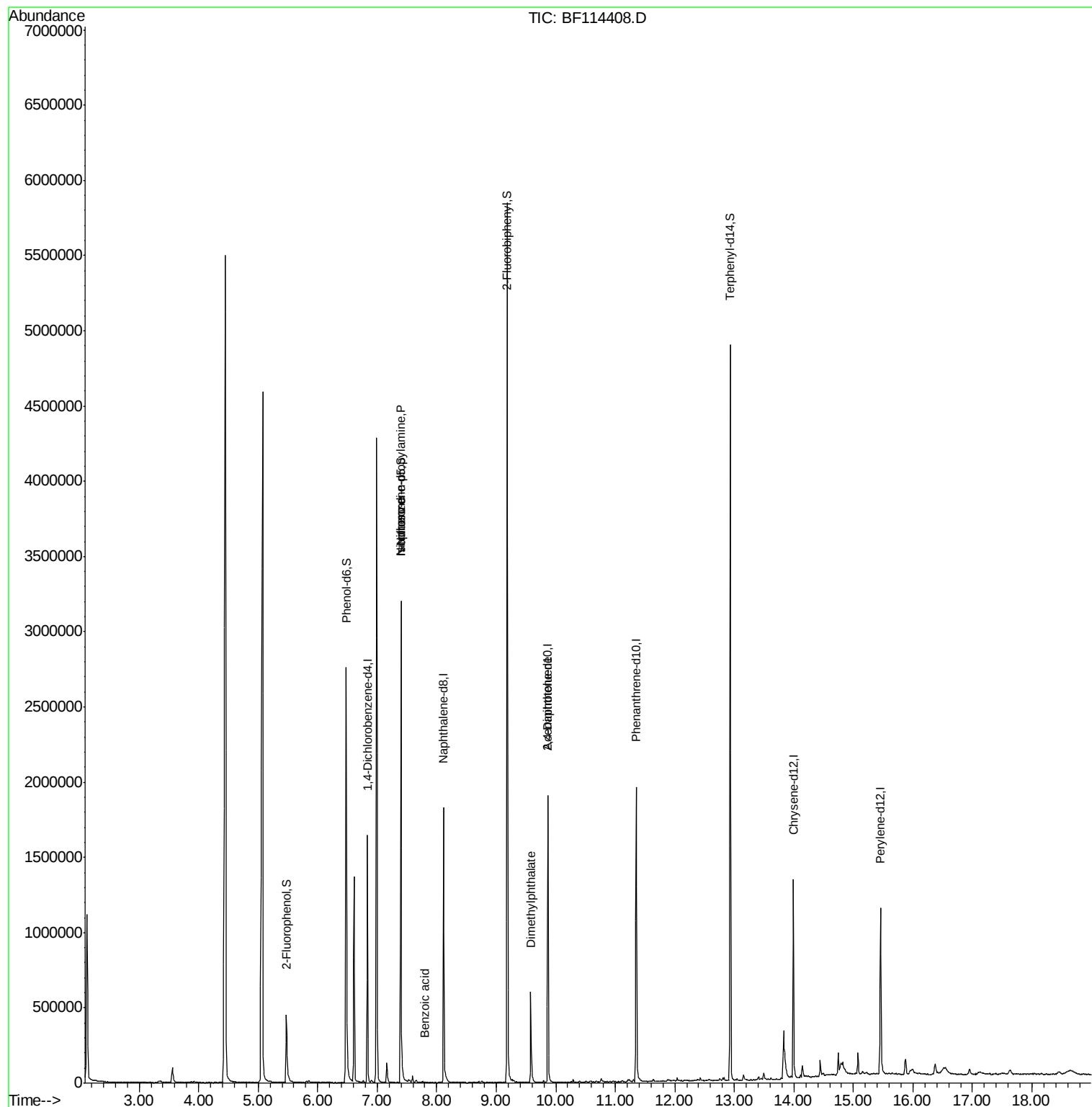
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	235116	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	888623	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	400067	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	776160	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	456552	20.00	ng	-0.03
87) Perylene-d12	15.46	264	521251	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	170099	11.64	ng	0.00
7) Phenol-d6	6.48	99	1084059	62.74	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1065656	67.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	1254	0.30	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1895914	71.69	ng	-0.02
79) Terphenyl-d14	12.93	244	1684568	76.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	139540	12.740	ng	# 77
25) Isophorone	7.40	82	1065649	36.288	ng	# 64
32) Benzoic acid	7.80	122	135	7.034	ng	# 1
50) Dimethylphthalate	9.58	163	325891	11.097	ng	99
57) 2,4-Dinitrotoluene	9.86	165	50939	5.761	ng	# 25

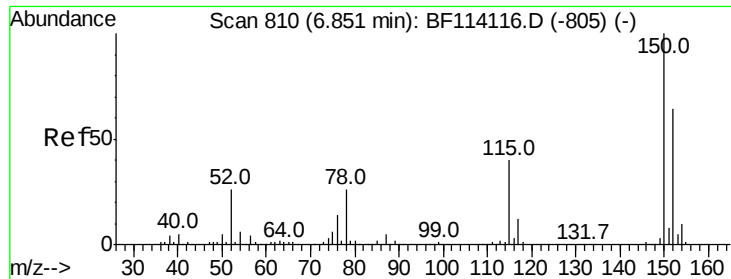
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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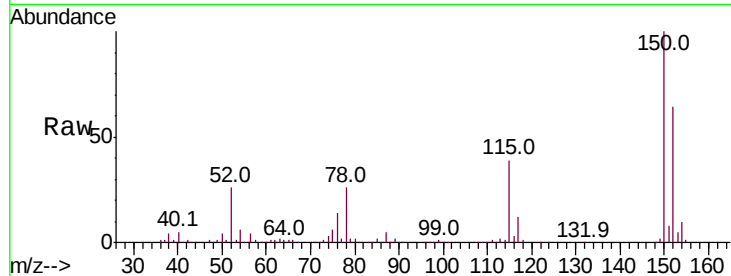


#1

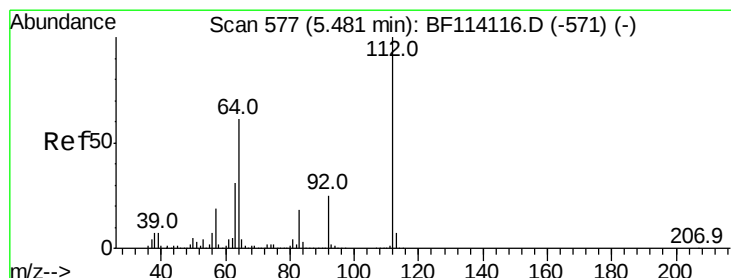
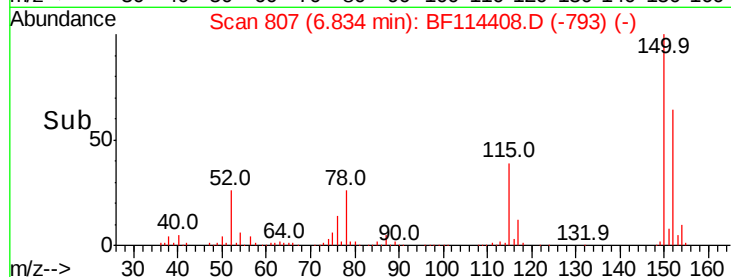
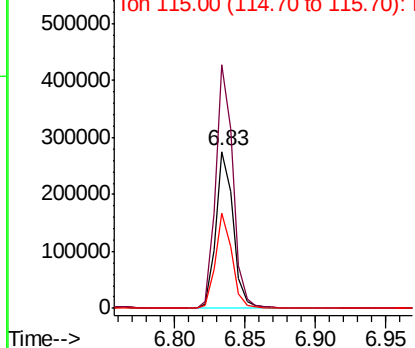
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	60.7	49.1	73.7



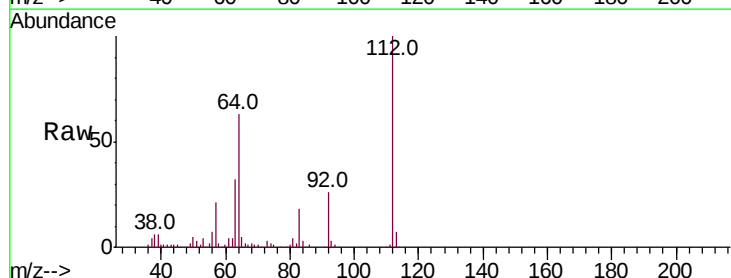
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



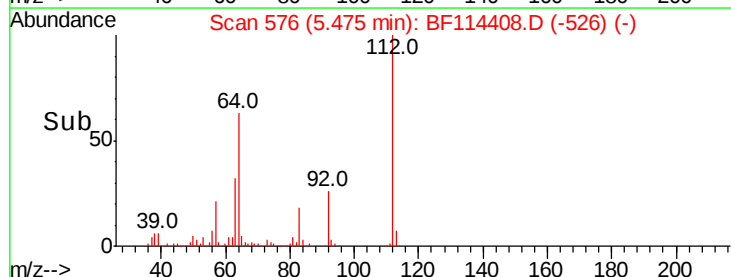
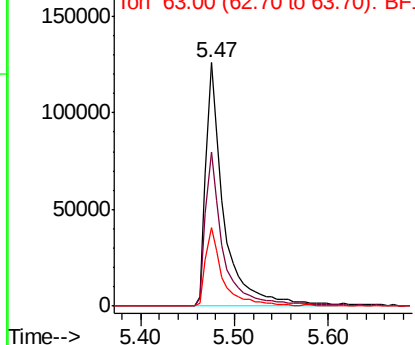
#5

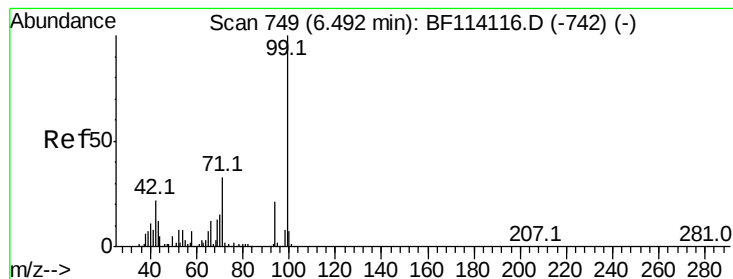
2-Fluorophenol
Concen: 11.642 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	49.0	73.6
63	32.2	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: 62.735 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Instrument :

BNA_F

ClientSampleId :

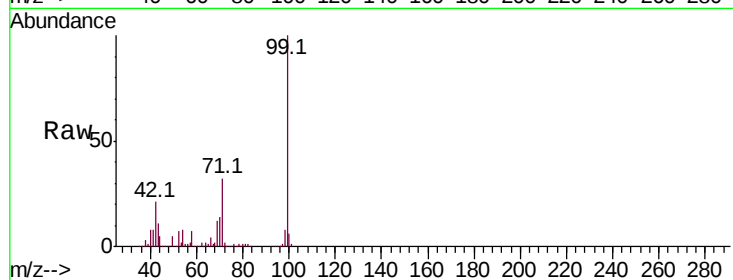
Tot Ion: 99 Resp: 1084059

Ion Ratio Lower Upper

99 100

42 20.7 17.9 26.9

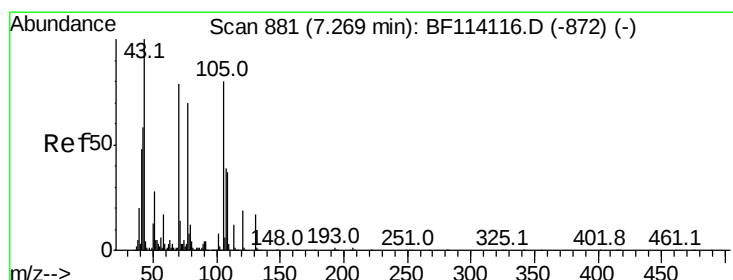
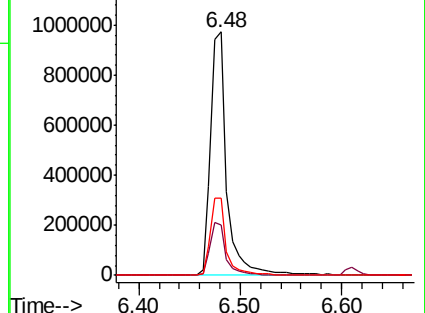
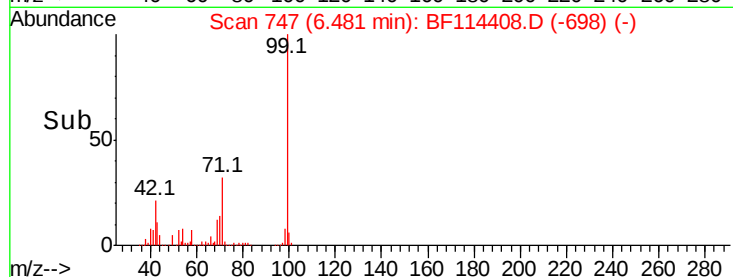
71 31.6 26.2 39.2



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: 12.740 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Tgt Ion: 70 Resp: 139540

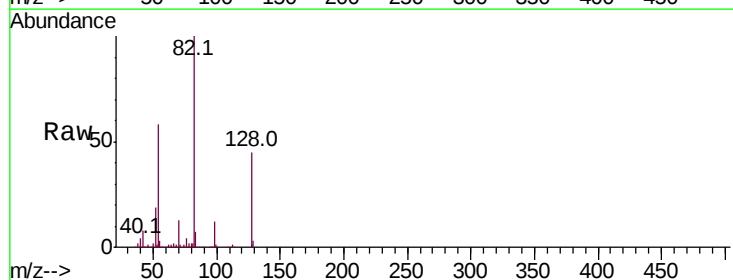
Ion Ratio Lower Upper

70 100

42 58.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

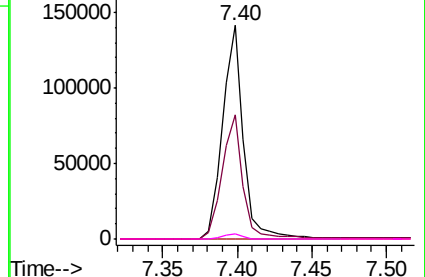
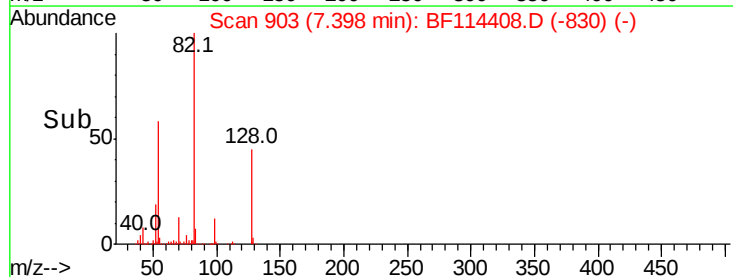


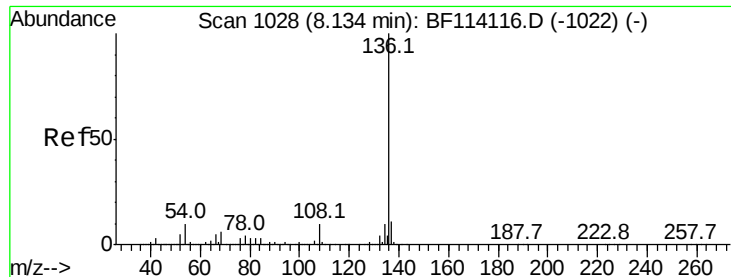
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 888623

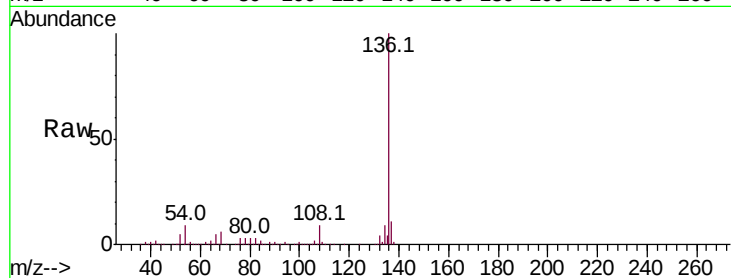
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.5 7.8 11.8

68 5.8 5.1 7.7

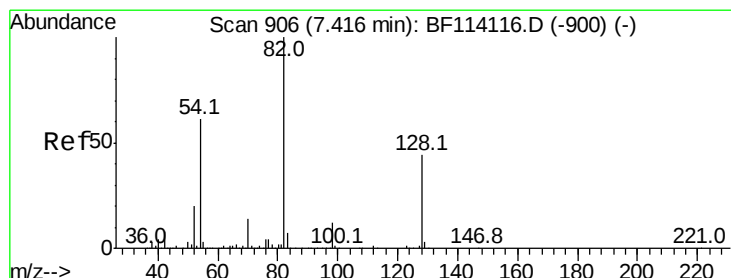
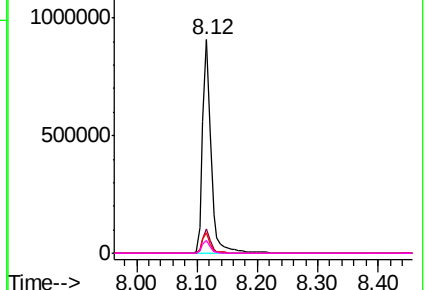
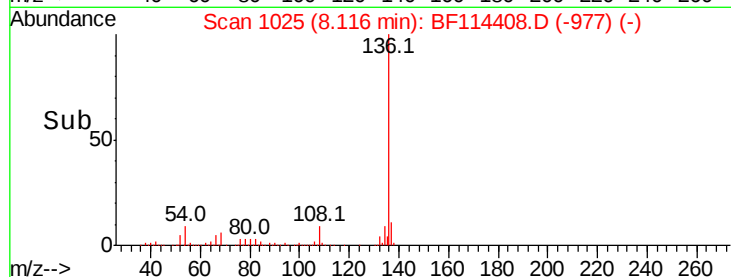


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.300 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

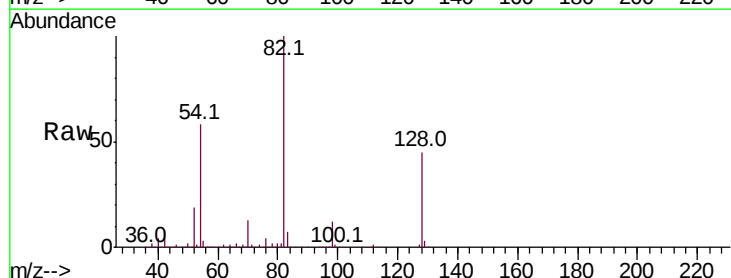
Tgt Ion: 82 Resp: 1065656

Ion Ratio Lower Upper

82 100

128 44.7 35.5 53.3

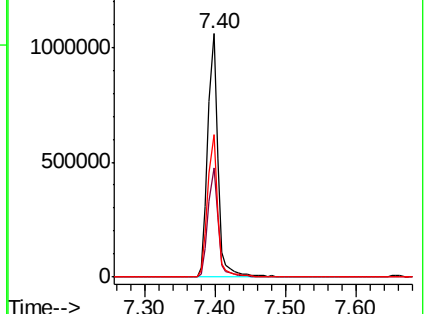
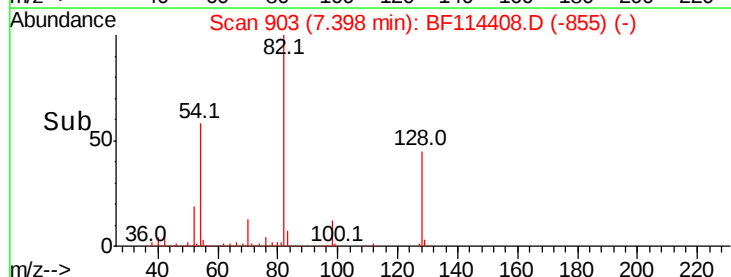
54 58.3 48.5 72.7

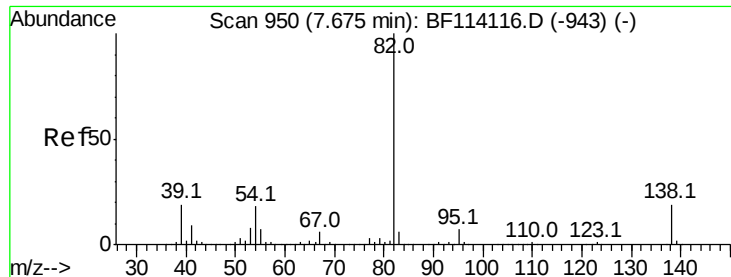


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.288 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

Instrument :

BNA_F

ClientSampleId :

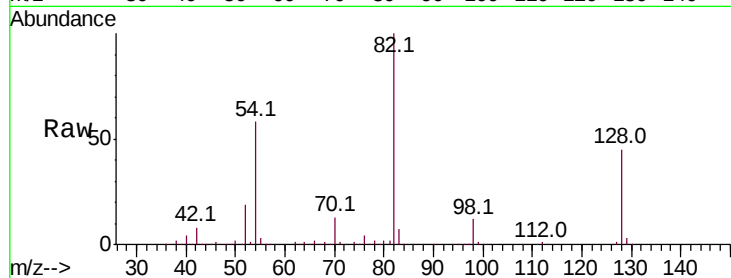
Tot Ion: 82 Resp: 1065649

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

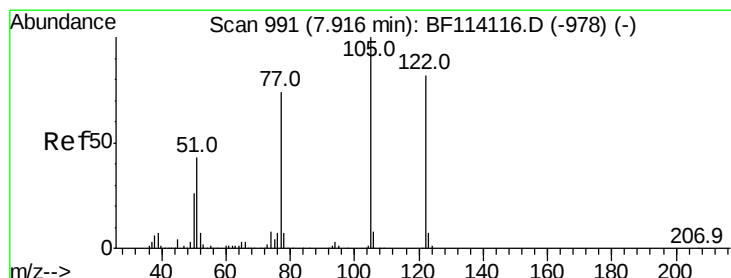
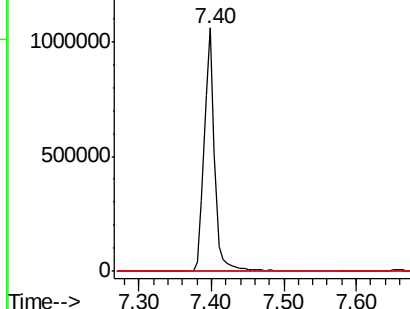
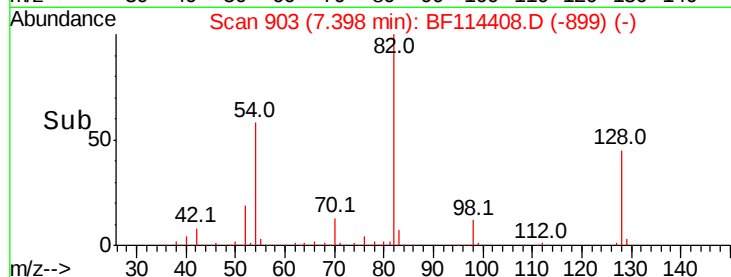
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 7.034 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.11 min

Lab File: BF114408.D

Acq: 19 May 2019 00:06

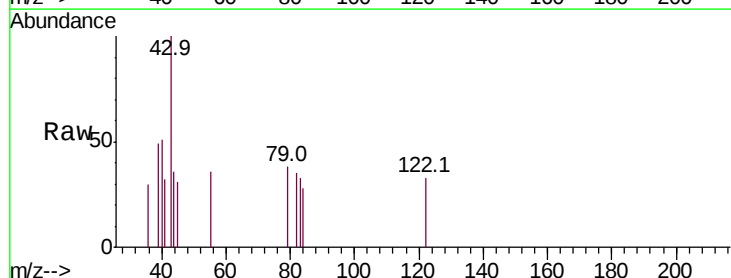
Tgt Ion: 122 Resp: 135

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

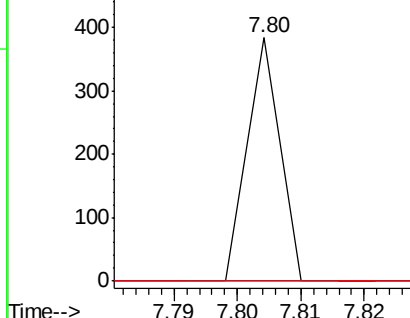
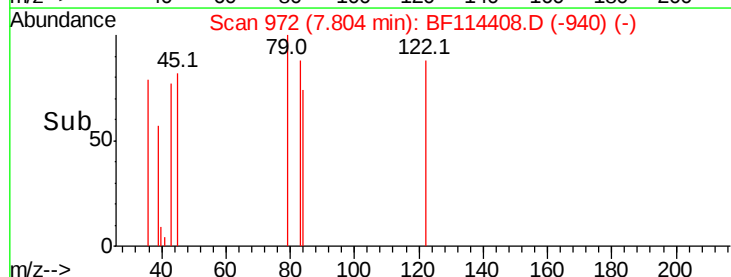
77 0.0 69.4 109.4#

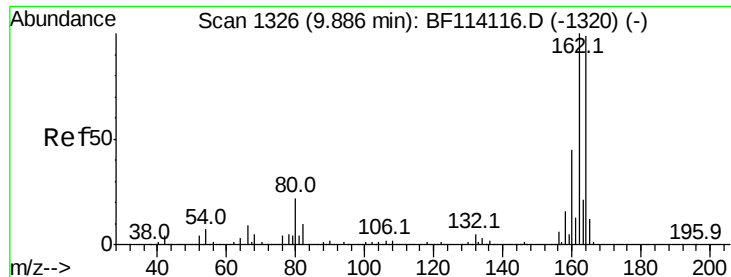


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

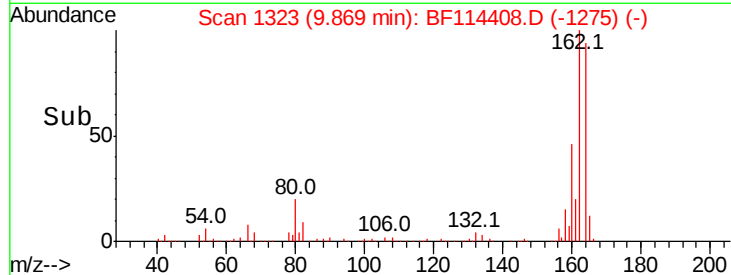
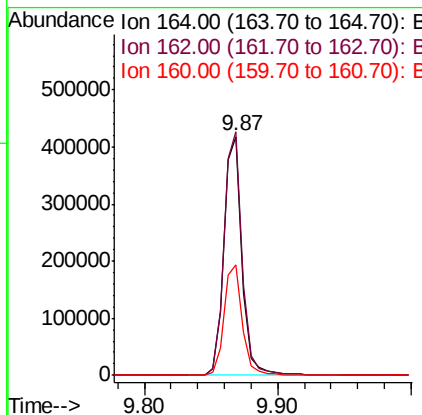
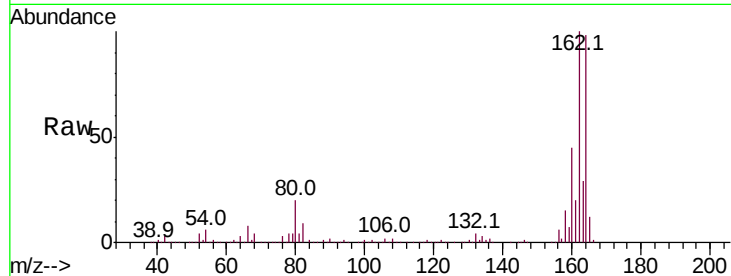




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

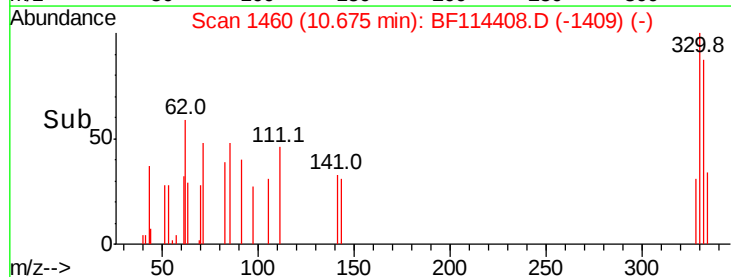
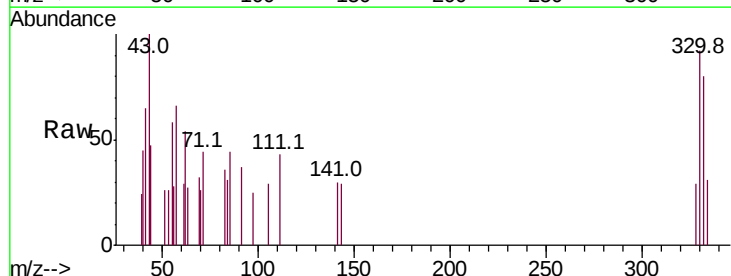
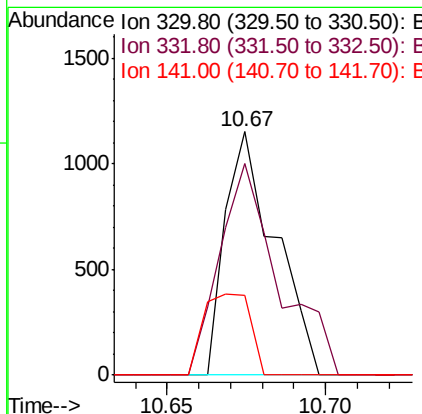
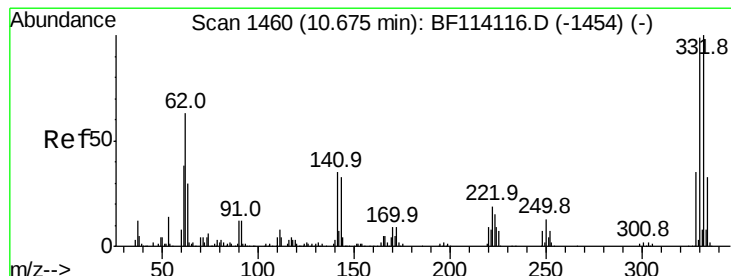
Instrument :
 BNA_F
 ClientSampleId :

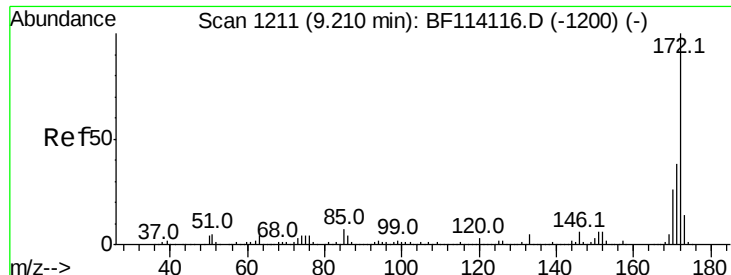
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.3	36.5	54.7



#42
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	31.2	26.6	40.0

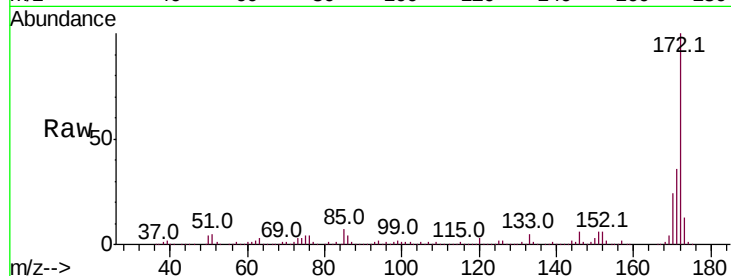




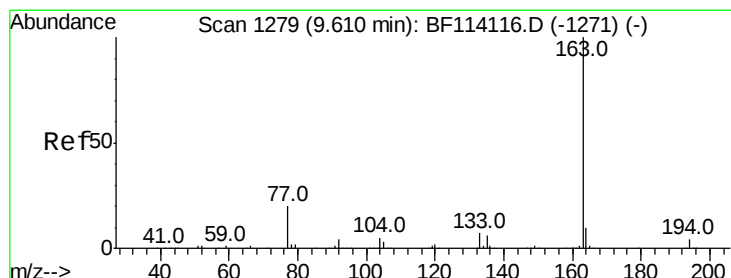
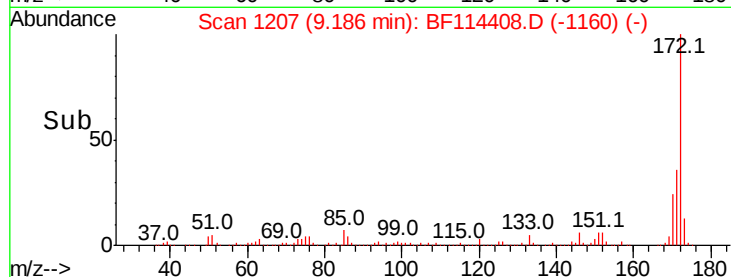
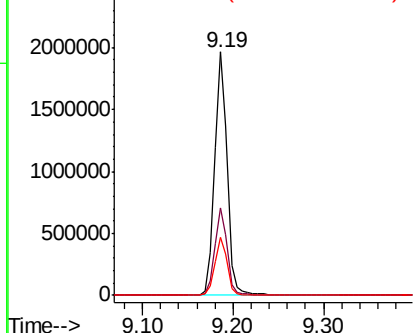
#45
 2-Fluorobiphenyl
 Concen: 71.685 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1895914
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.7 46.1
 170 23.8 20.5 30.7

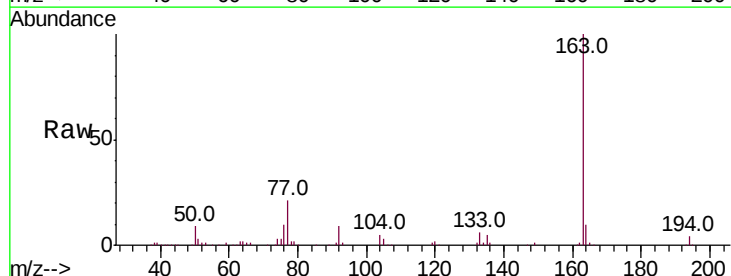


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

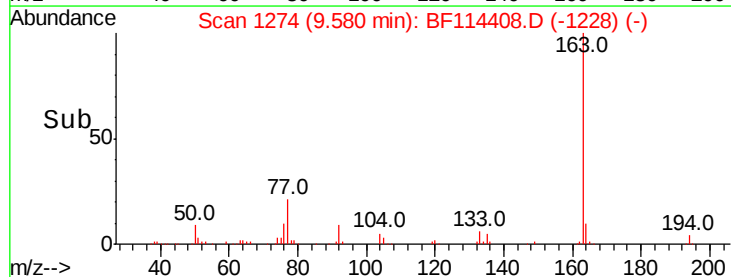
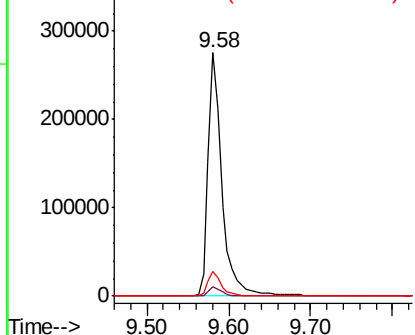


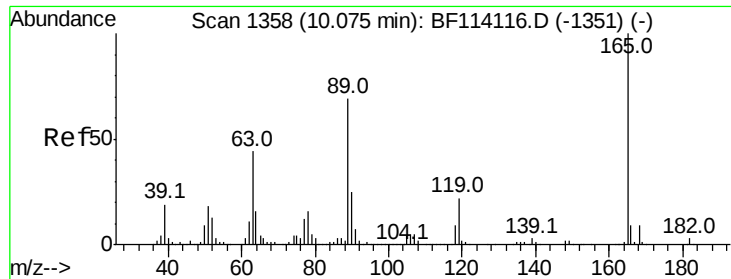
#50
 Dimethylphthalate
 Concen: 11.097 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Tgt Ion:163 Resp: 325891
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 9.9 8.2 12.2



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

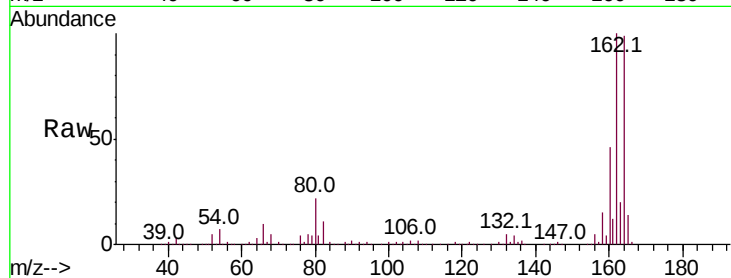




#57
 2,4-Dinitrotoluene
 Concen: 5.761 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.2	55.2	82.8#
182	0.0	2.2	3.2#

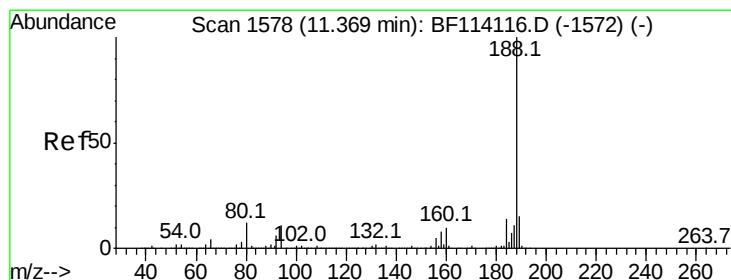
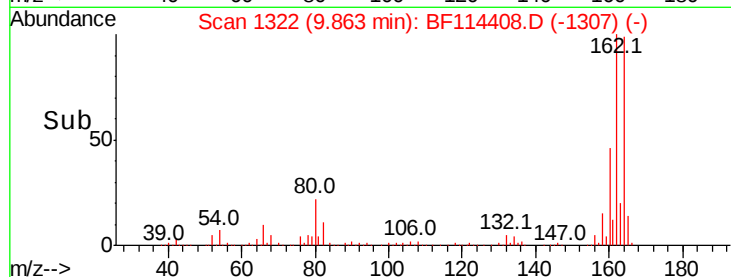
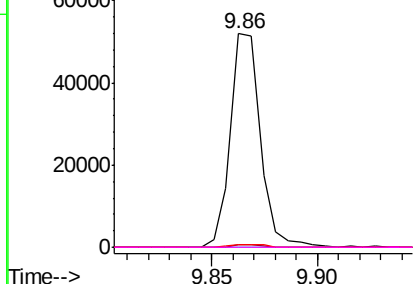


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

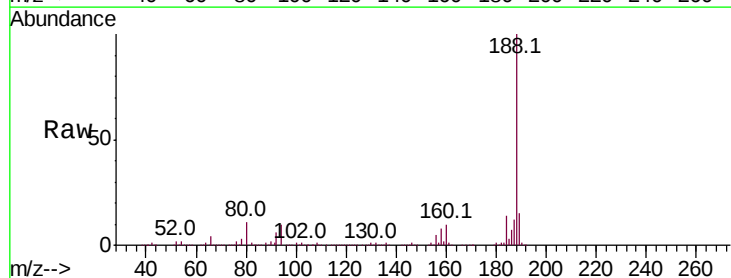
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

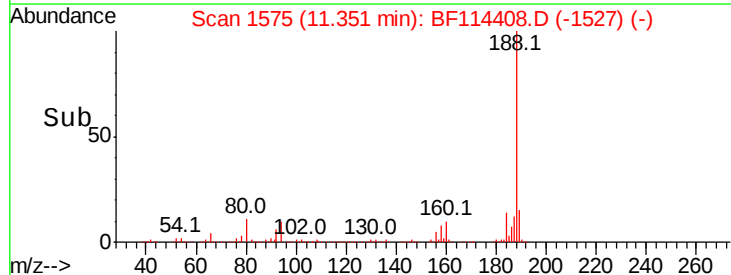
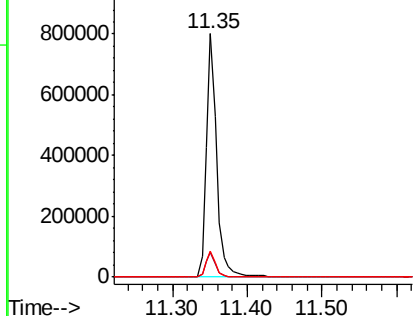
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.4	12.6
80	10.5	9.2	13.8

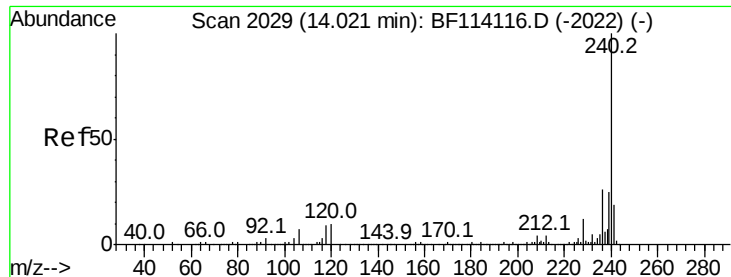


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

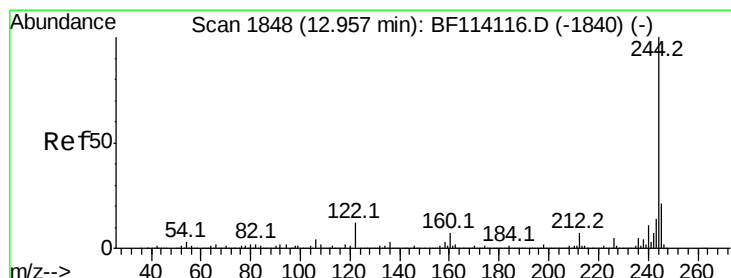
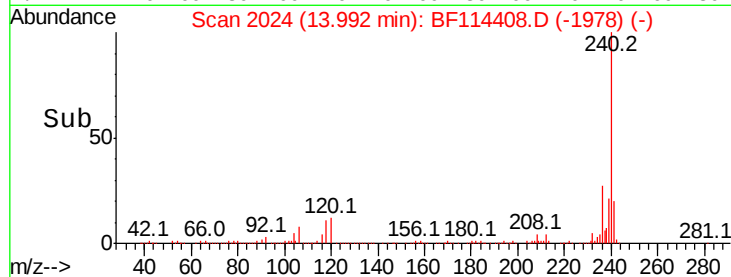
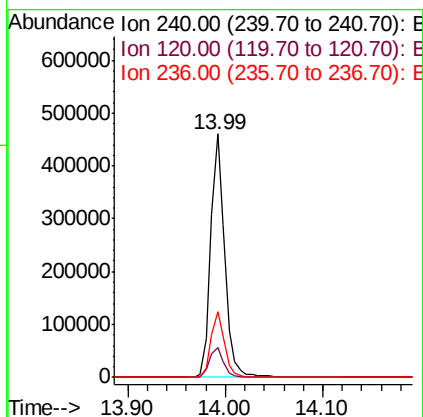
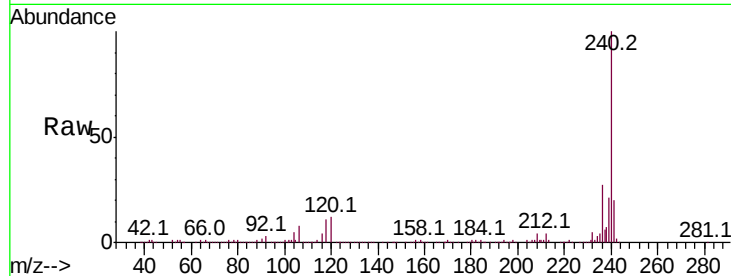




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

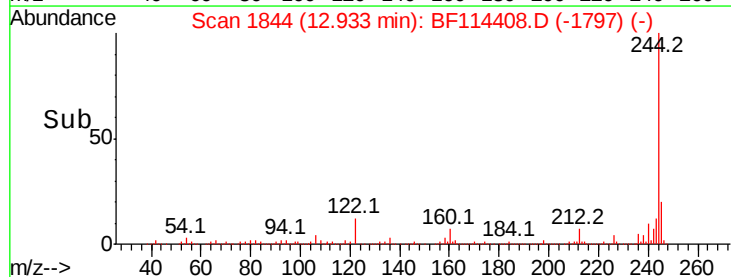
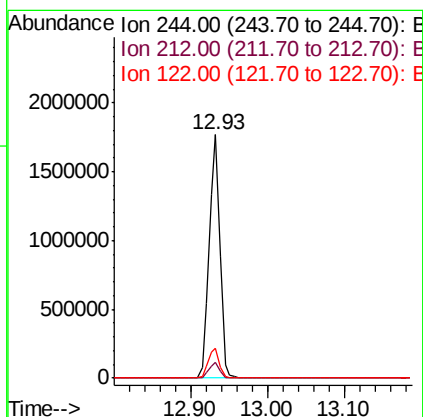
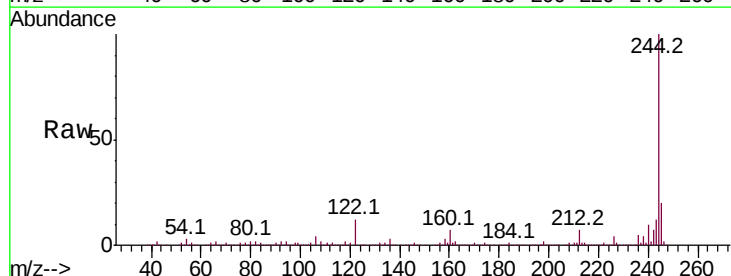
Instrument :
 BNA_F
 ClientSampleId :

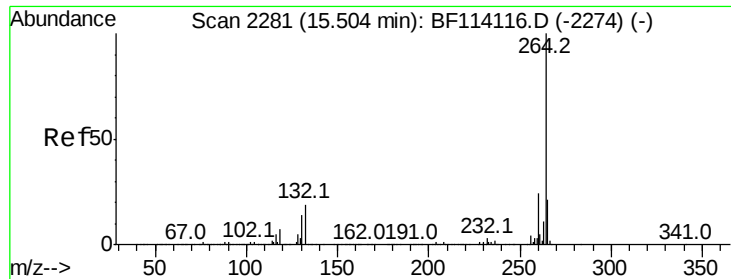
Tot Ion:240 Resp: 456552
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.3 12.5
 236 27.0 20.8 31.2



#79
 Terphenyl-d14
 Concen: 76.062 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114408.D
 Acq: 19 May 2019 00:06

Tgt Ion:244 Resp: 1684568
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 12.1 9.4 14.2

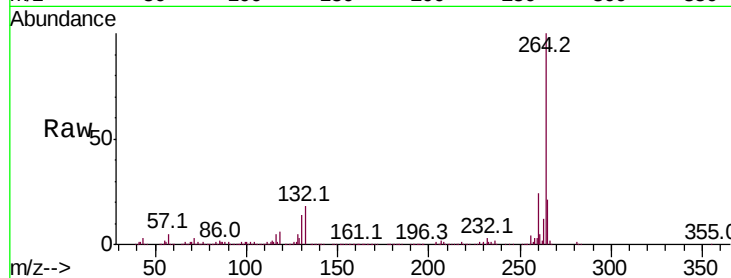




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114408.D
Acq: 19 May 2019 00:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.0	16.9	25.3



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

