

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116131.D
 Acq On : 9 Aug 2019 23:51
 Operator : HP/JU
 Sample : K4192-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:37:48 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

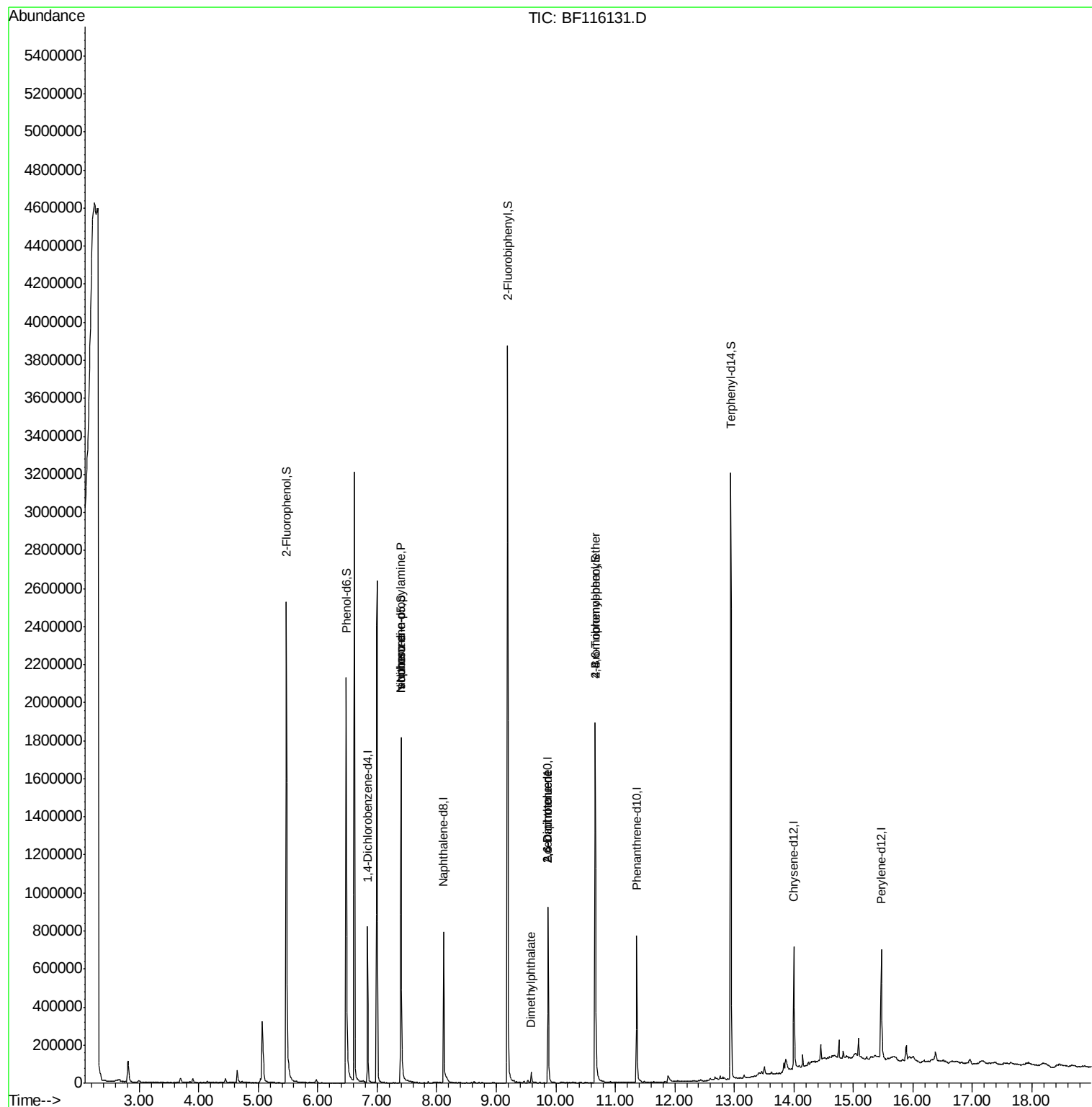
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	117352	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	444166	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	214870	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	330968	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	257330	20.00	ng	-0.01
87) Perylene-d12	15.47	264	284717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	809190	115.43	ng	0.00
7) Phenol-d6	6.48	99	955494	108.03	ng	0.00
23) Nitrobenzene-d5	7.40	82	738600	95.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	268020	128.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1262813	110.08	ng	-0.01
79) Terphenyl-d14	12.94	244	1138318	93.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	94887	17.313	ng	# 78
25) Isophorone	7.40	82	738596	50.198	ng	# 65
50) Dimethylphthalate	9.59	163	31054	2.123	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	27797	8.743	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	27798	6.567	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	15996	4.515	ng	# 1

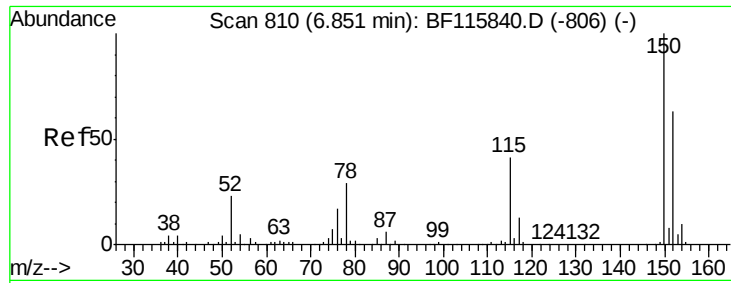
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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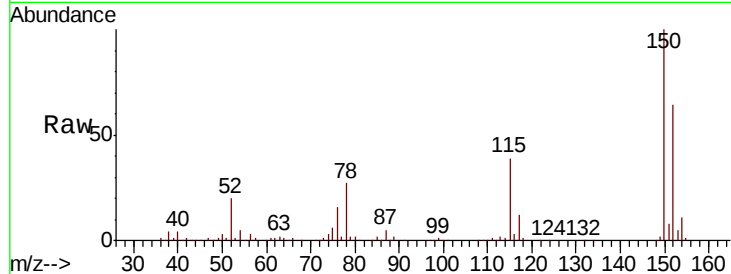


#1

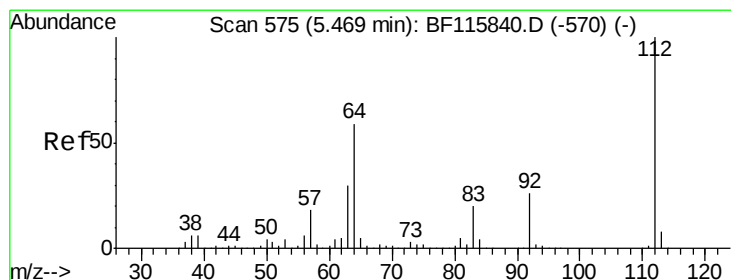
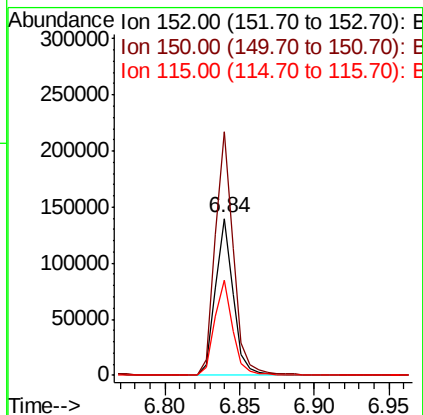
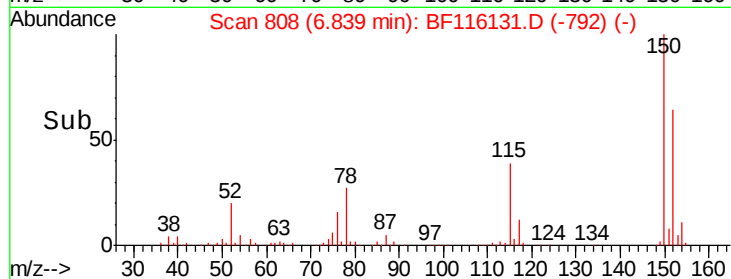
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116131.D
Acq: 9 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117352
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 61.1 49.9 74.9



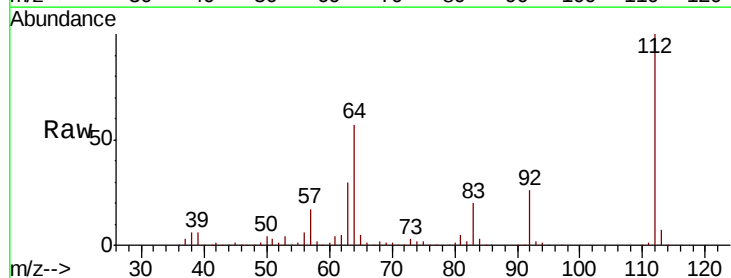
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



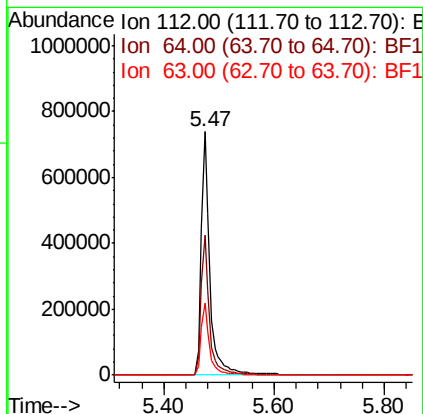
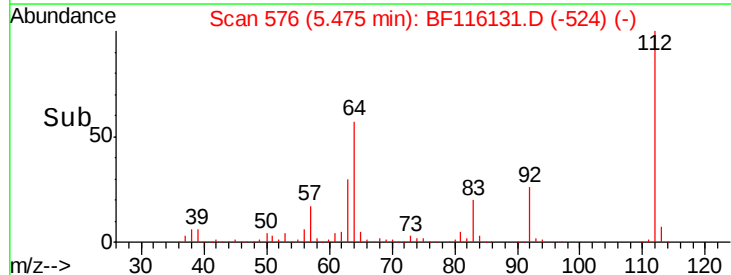
#5

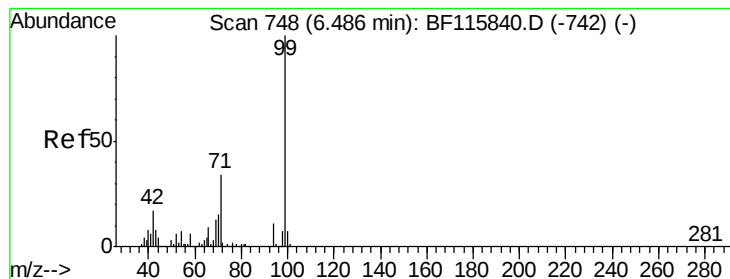
2-Fluorophenol
Concen: 115.433 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116131.D
Acq: 9 Aug 2019 23:51

Tgt Ion:112 Resp: 809190
Ion Ratio Lower Upper
112 100
64 57.4 45.4 68.2
63 29.6 23.7 35.5



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: 108.034 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116131.D

Acq: 9 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

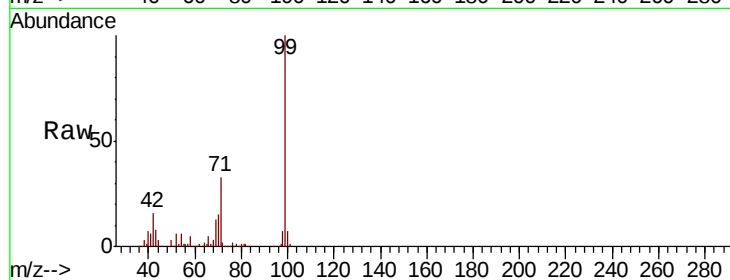
Tot Ion: 99 Resp: 955494

Ion Ratio Lower Upper

99 100

42 15.9 13.8 20.8

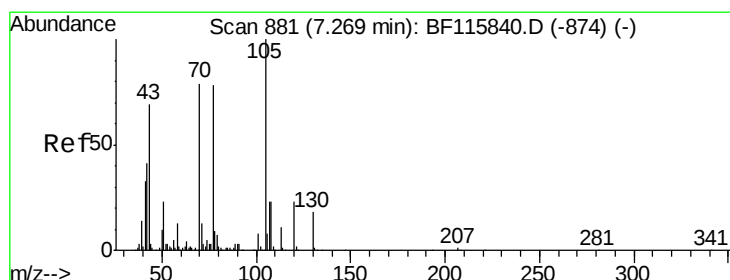
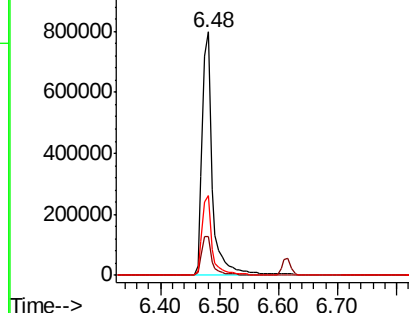
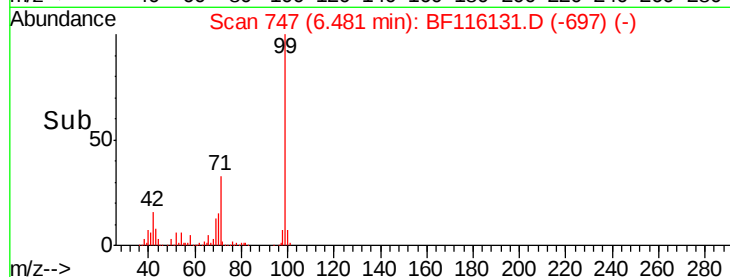
71 32.5 27.3 40.9



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: 17.313 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116131.D

Acq: 9 Aug 2019 23:51

Tgt Ion: 70 Resp: 94887

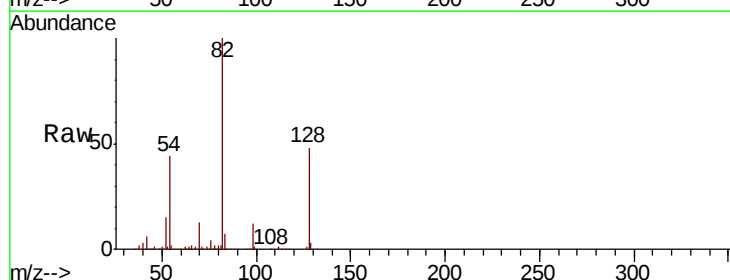
Ion Ratio Lower Upper

70 100

42 41.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

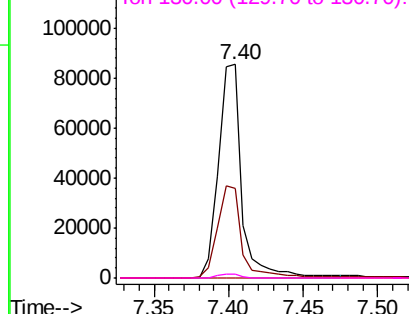
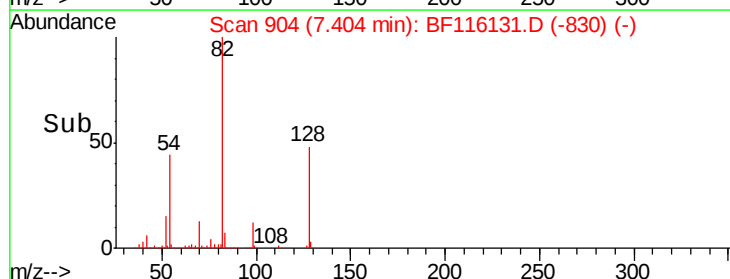


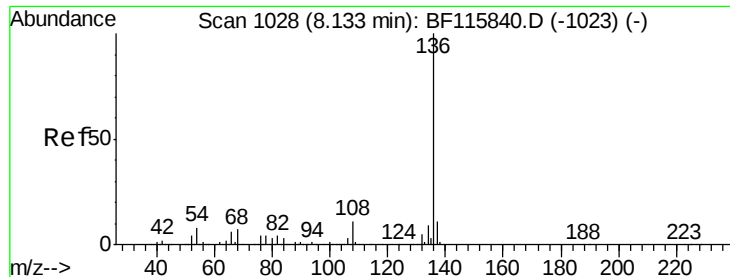
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

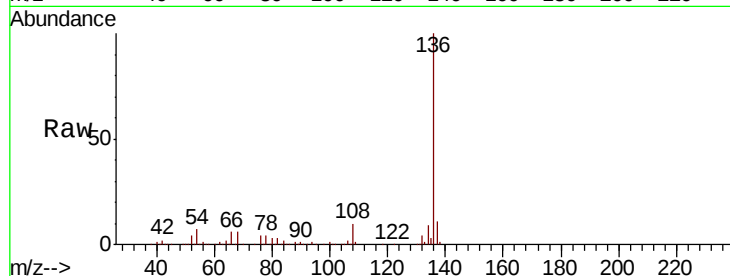




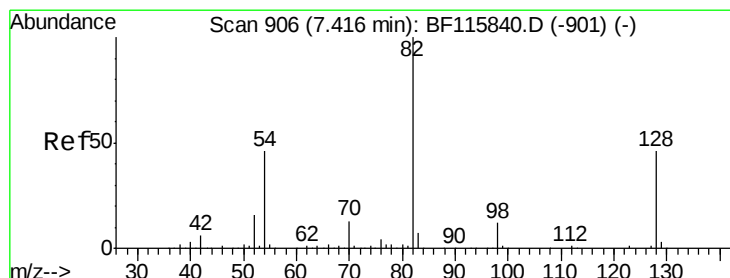
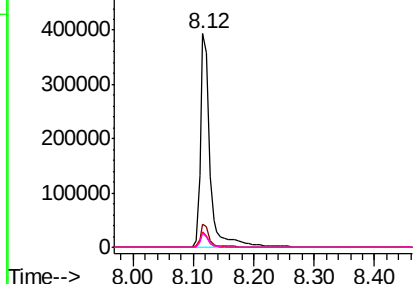
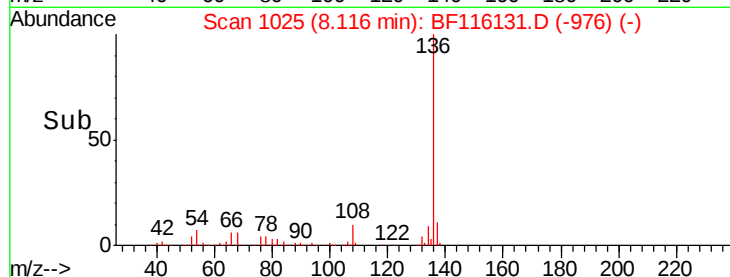
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116131.D
Acq: 9 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	444166
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	7.2	5.8 8.6
68	6.4	5.2 7.8

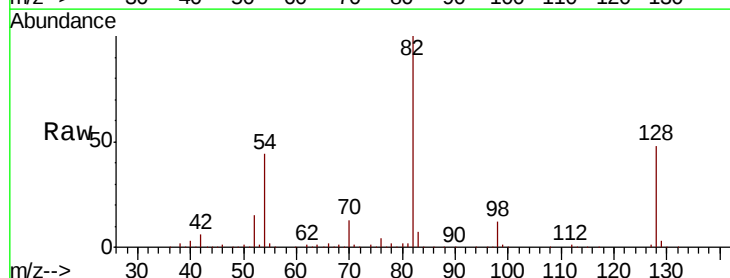


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

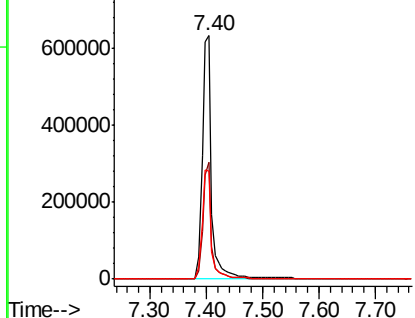
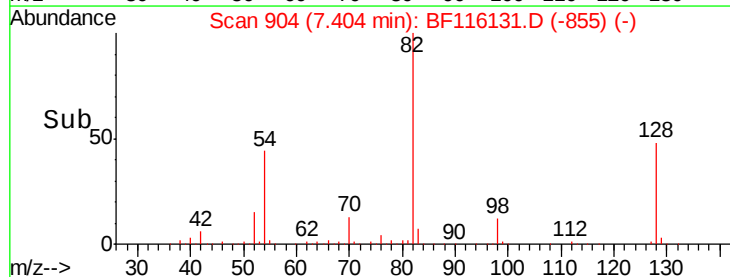


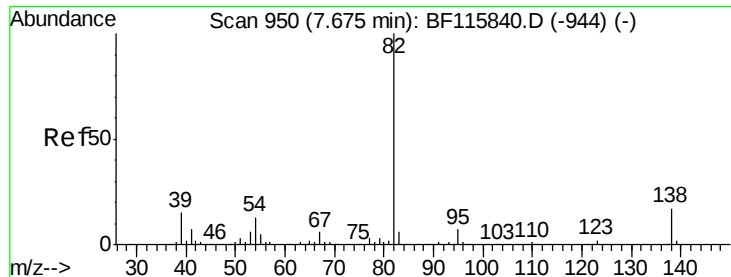
#23
Nitrobenzene-d5
Concen: 95.987 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116131.D
Acq: 9 Aug 2019 23:51

Tgt Ion: 82	Resp:	738600
Ion	Ratio	Lower Upper
82	100	
128	47.8	36.5 54.7
54	44.3	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: 50.198 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116131.D

Acq: 9 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

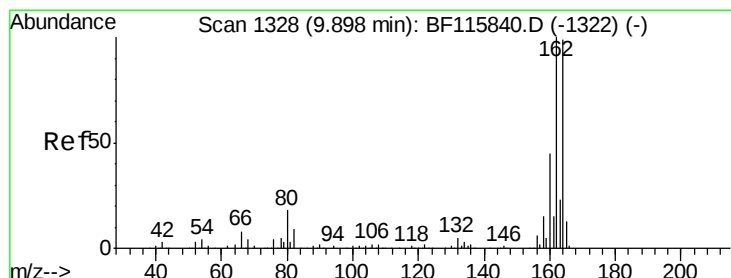
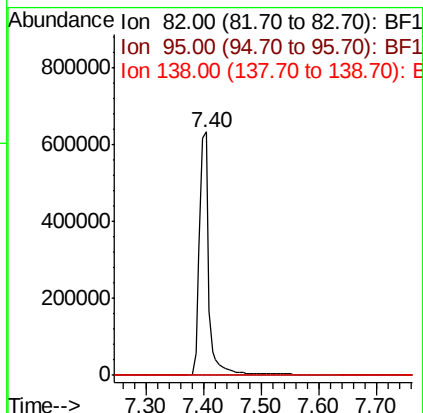
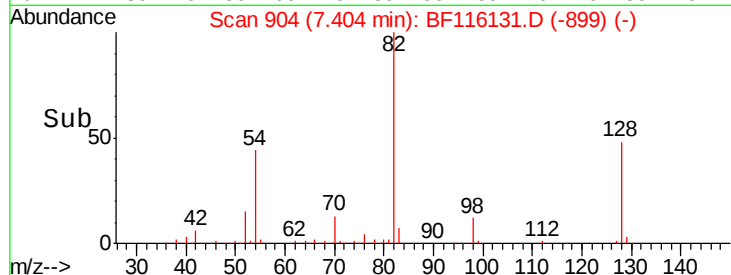
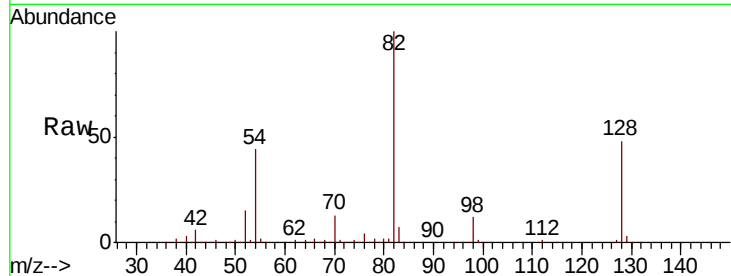
Tot Ion: 82 Resp: 738596

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116131.D

Acq: 9 Aug 2019 23:51

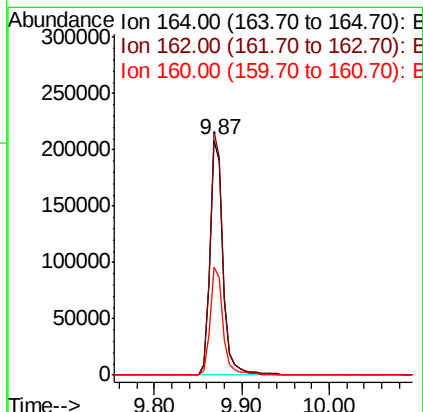
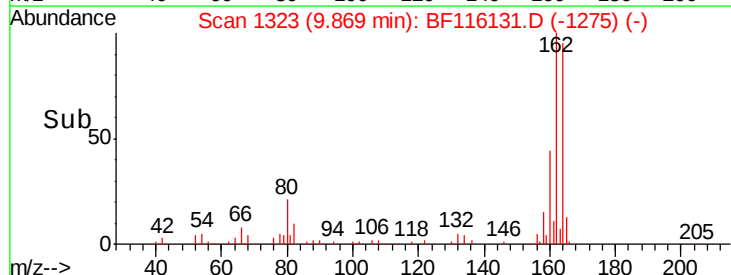
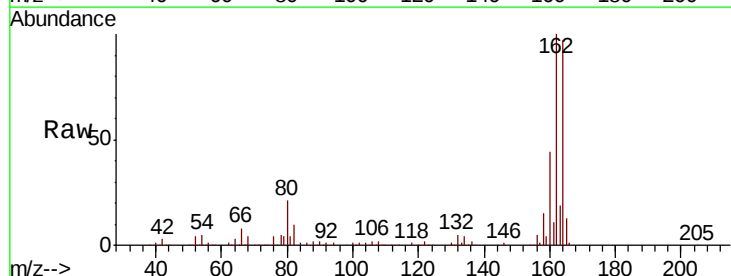
Tgt Ion:164 Resp: 214870

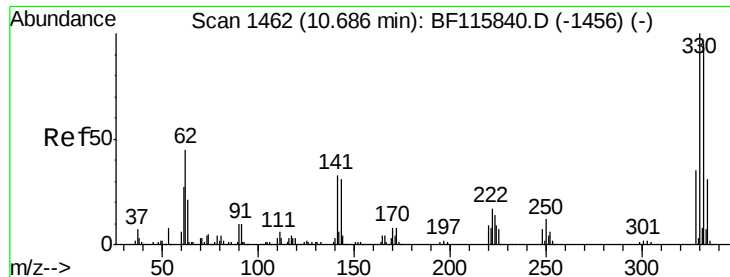
Ion Ratio Lower Upper

164 100

162 103.6 82.6 124.0

160 45.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 128.656 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116131.D

Acq: 9 Aug 2019 23:51

Instrument :

BNA_F

ClientSampleId :

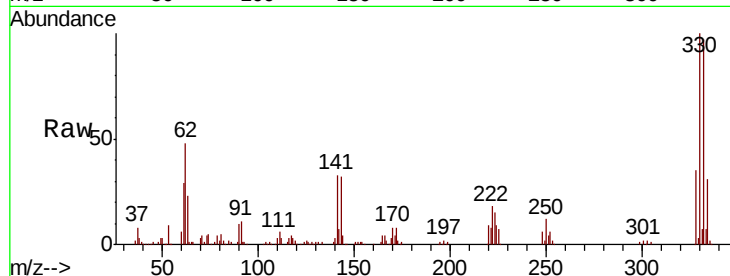
Tot Ion:330 Resp: 268020

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

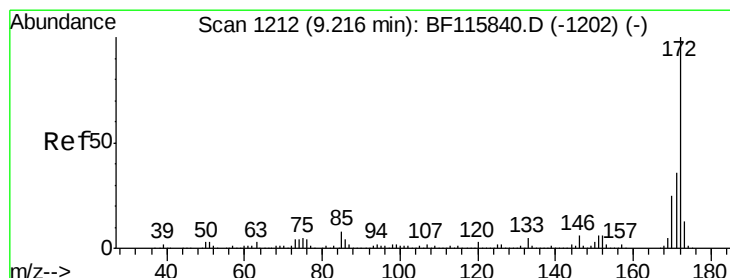
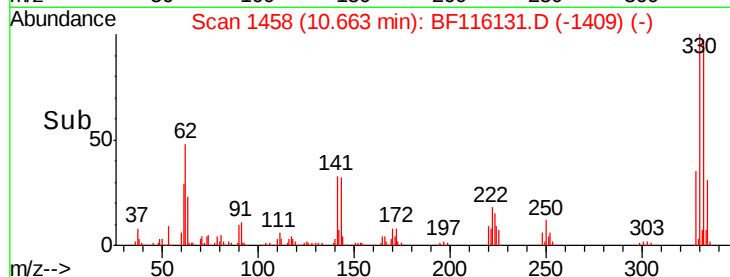
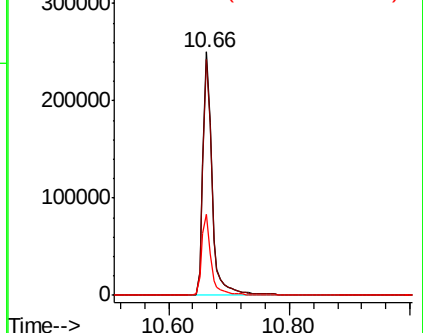
141 34.1 26.3 39.5



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: 110.082 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116131.D

Acq: 9 Aug 2019 23:51

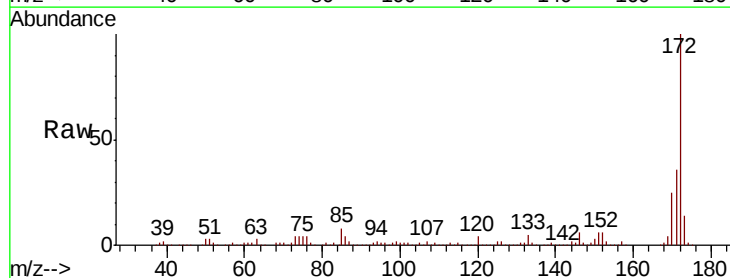
Tgt Ion:172 Resp: 1262813

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

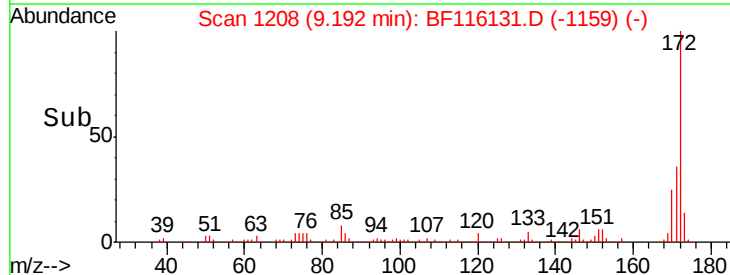
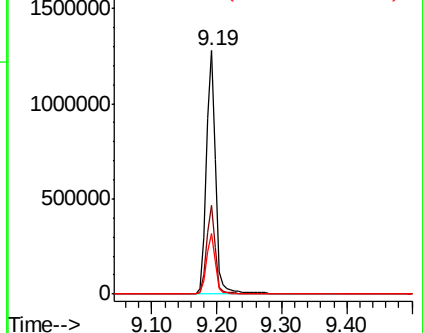
170 24.9 20.1 30.1

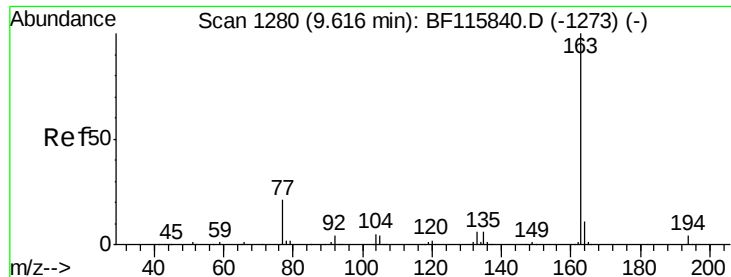


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

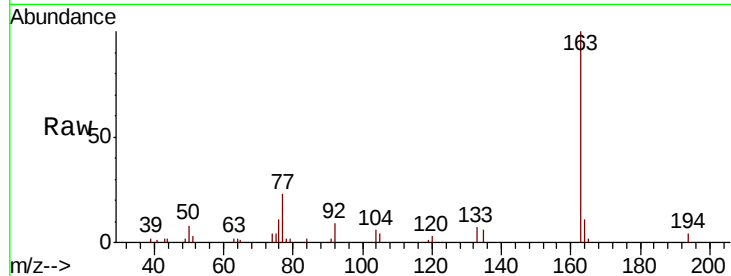




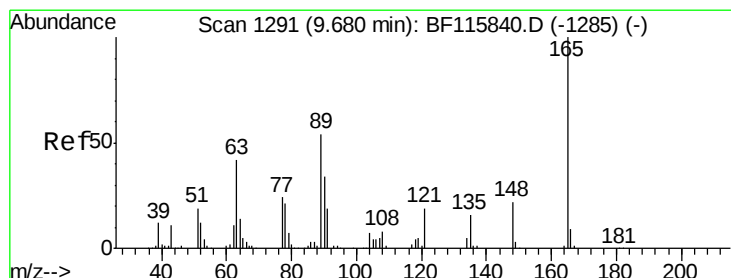
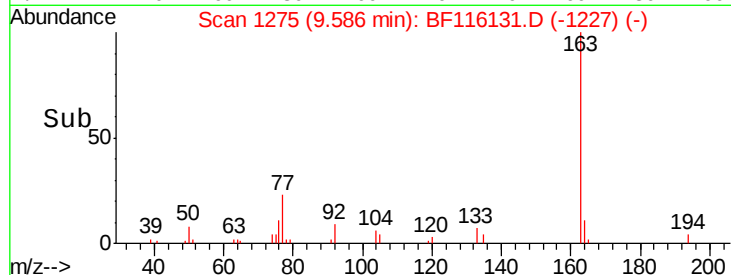
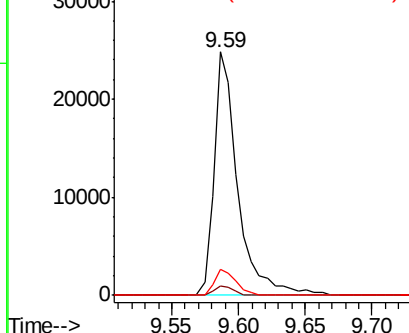
#50
Dimethylphthalate
Concen: 2.123 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116131.D
Acq: 9 Aug 2019 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.8	8.4	12.6

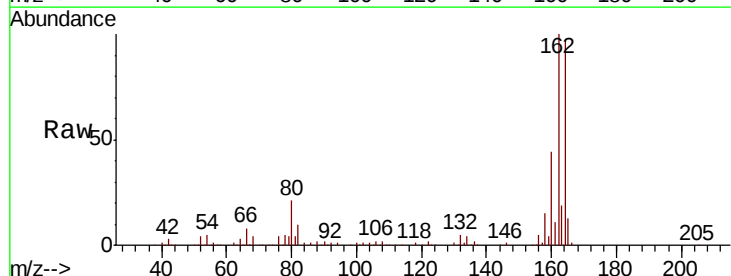


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

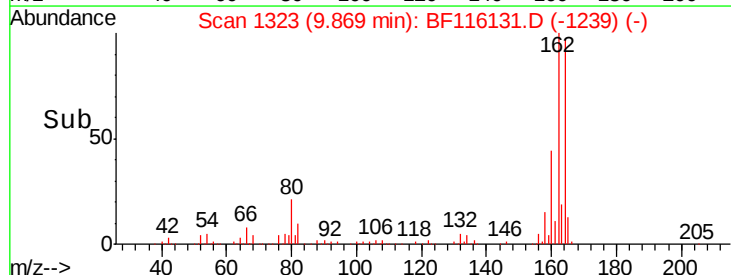
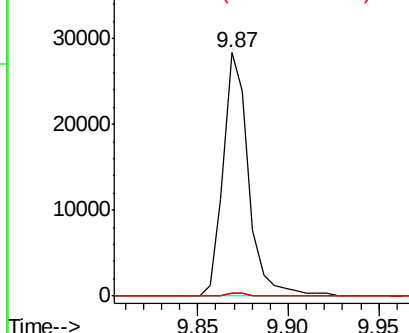


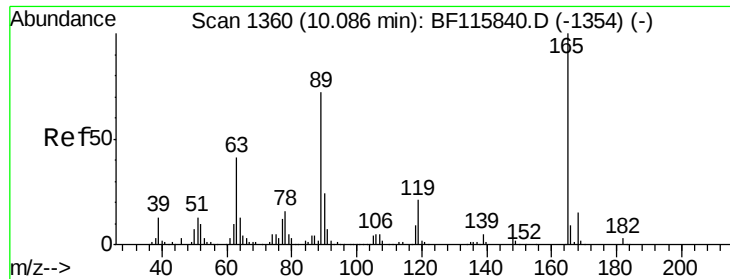
#51
2,6-Dinitrotoluene
Concen: 8.743 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.19 min
Lab File: BF116131.D
Acq: 9 Aug 2019 23:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.1	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

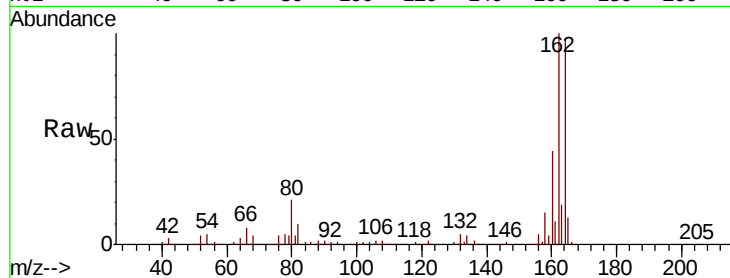




#57
 2,4-Dinitrotoluene
 Concen: 6.567 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116131.D
 Acq: 9 Aug 2019 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	165	63	89	182
Resp	27798			
Ratio	100	1.1	1.1	0.0
Lower		39.6	62.2	2.1
Upper		59.4	93.2	3.1



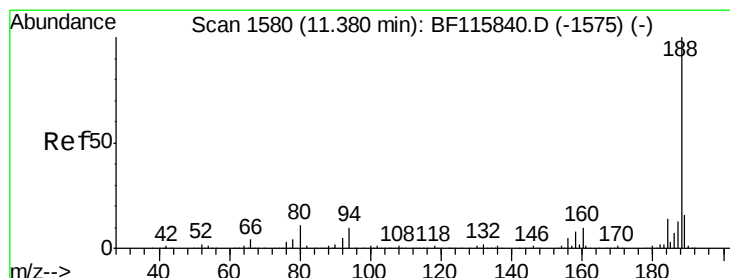
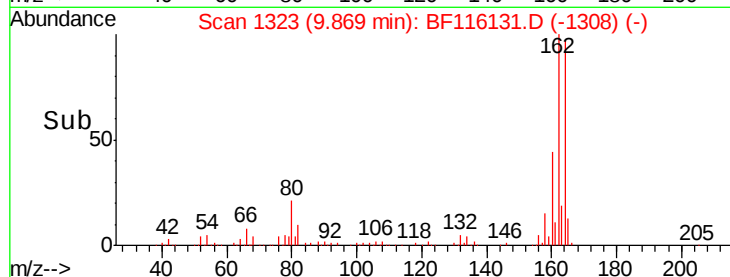
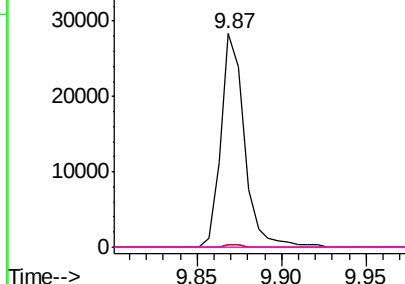
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

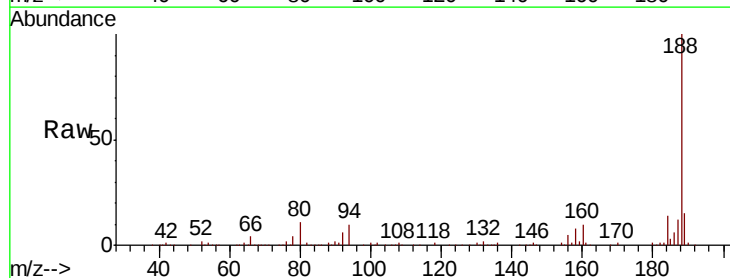
Ion 89.00 (88.70 to 89.70): BF1

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: BF116131.D
 Acq: 9 Aug 2019 23:51

Tgt Ion	188	94	80
Resp	330968		
Ratio	100	10.3	11.2
Lower		8.1	8.7
Upper		12.1	13.1

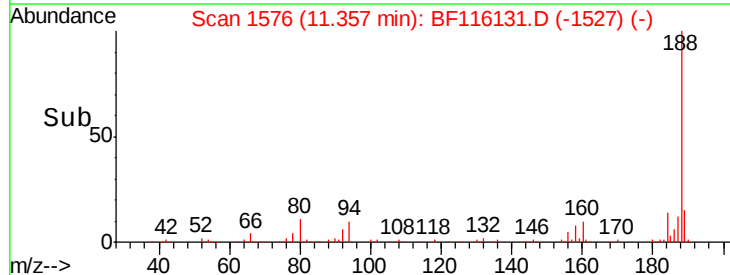
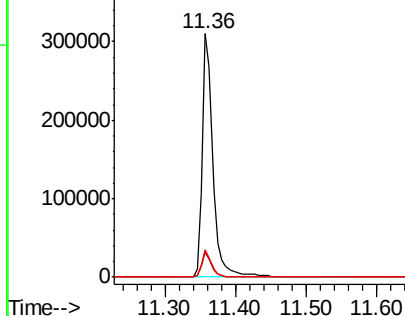


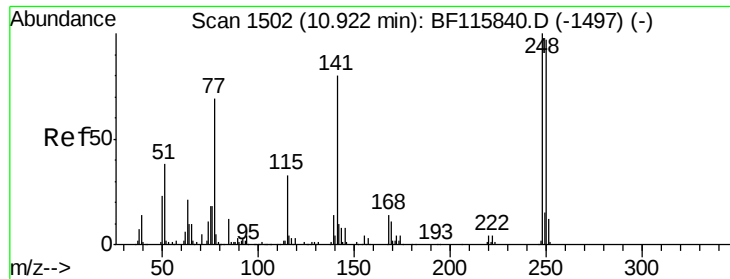
Abundance

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

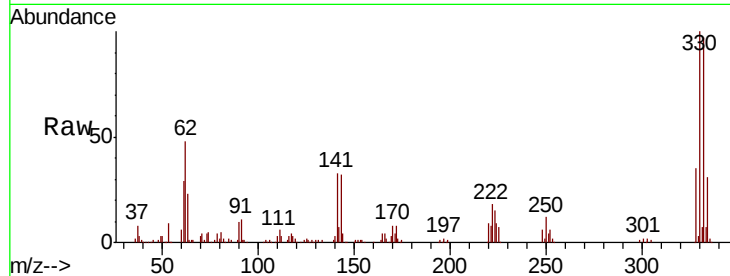




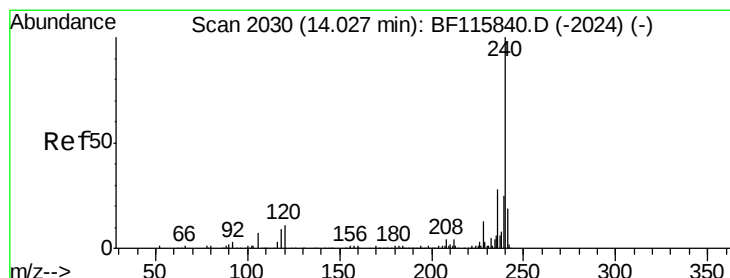
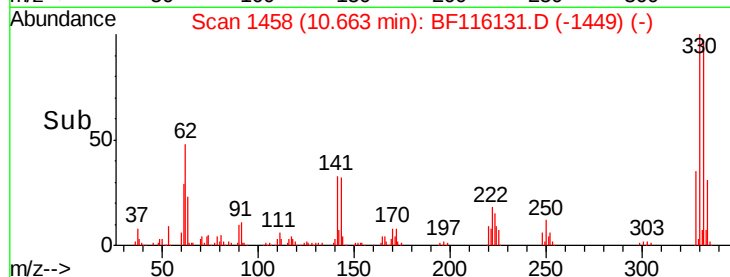
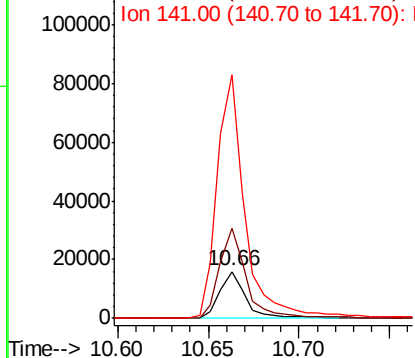
#67
 4-Bromophenyl-phenylether
 Concen: 4.515 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116131.D
 Acq: 9 Aug 2019 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15996
 Ion Ratio Lower Upper
 248 100
 250 193.1 77.4 116.2#
 141 519.6 56.8 85.2#

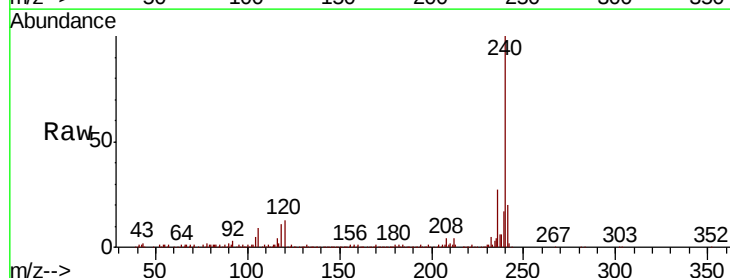


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

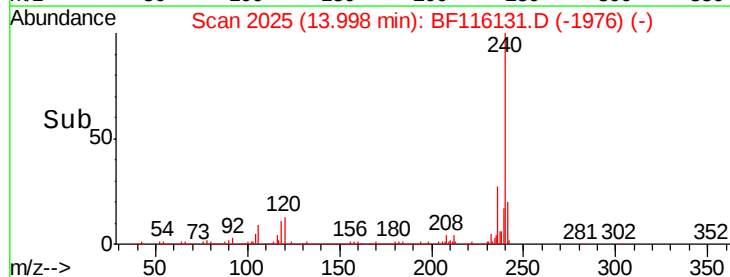
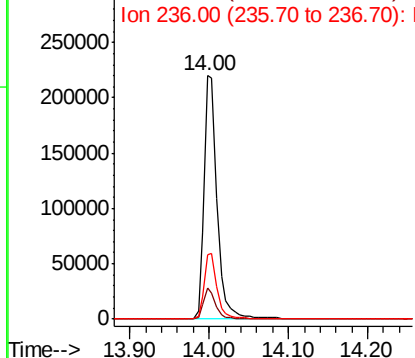


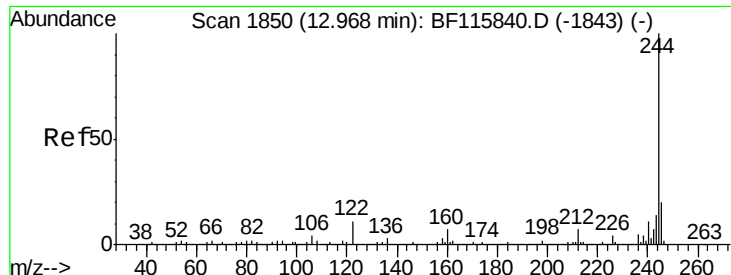
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116131.D
 Acq: 9 Aug 2019 23:51

Tgt Ion:240 Resp: 257330
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.7 16.1
 236 26.7 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

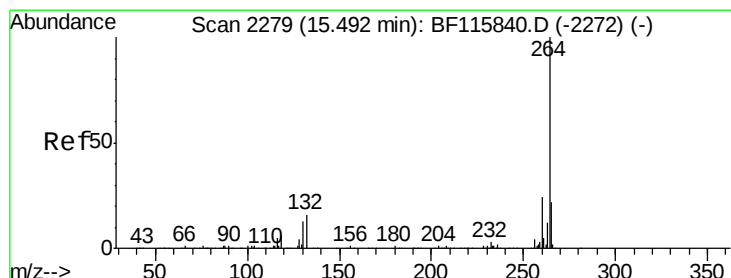
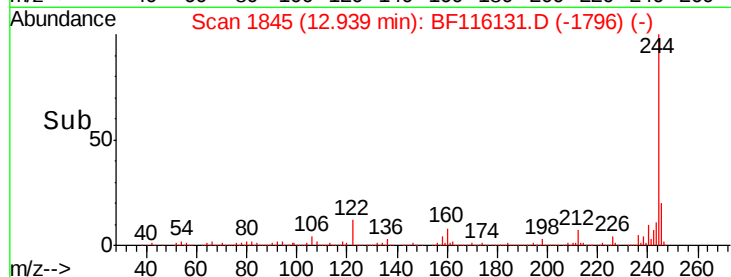
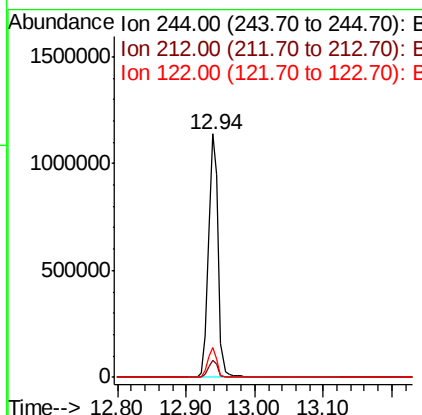
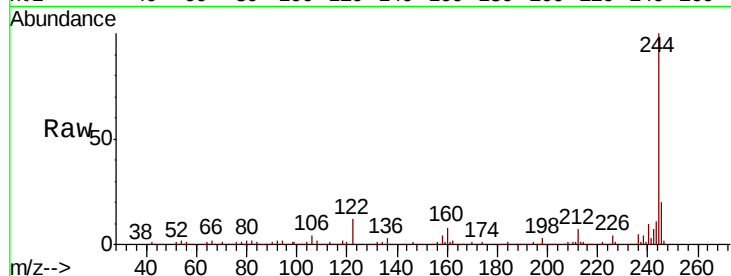




#79
 Terphenyl-d14
 Concen: 93.212 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116131.D
 Acq: 9 Aug 2019 23:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1138318
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.2 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116131.D
 Acq: 9 Aug 2019 23:51

Tgt Ion:264 Resp: 284717
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 22.0 17.4 26.0

