

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116251.D
 Acq On : 14 Aug 2019 00:50
 Operator : HP/JU
 Sample : K4321-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 14 01:49:12 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

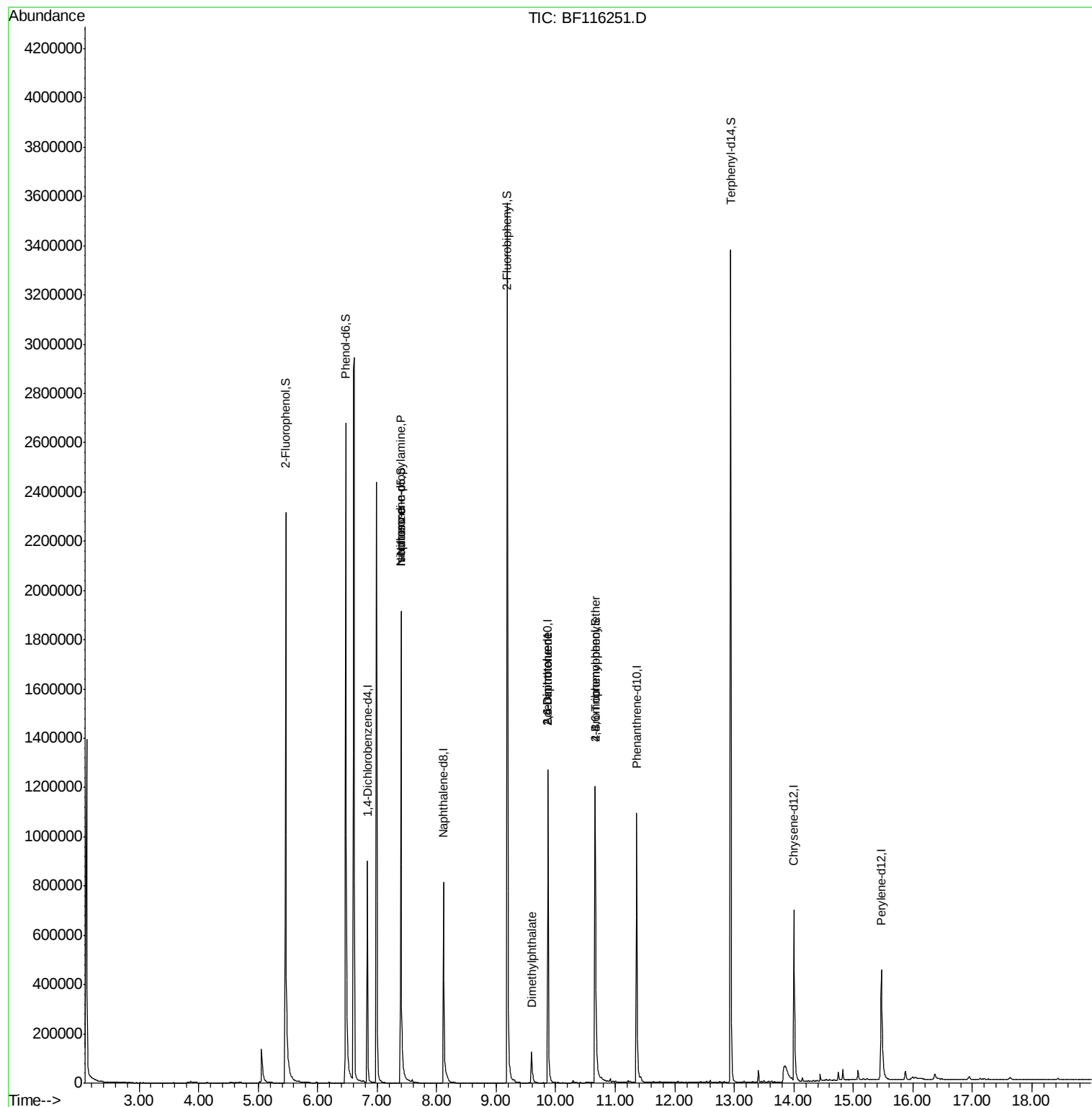
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134782	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	535493	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279298	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	485992	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	311539	20.00	ng	0.00
87) Perylene-d12	15.47	264	318495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	846095	105.09	ng	0.00
7) Phenol-d6	6.47	99	1121752	110.43	ng	-0.01
23) Nitrobenzene-d5	7.40	82	725380	78.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	223266	82.45	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1287981	86.38	ng	-0.02
79) Terphenyl-d14	12.94	244	1300635	87.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	95138	15.114	ng	# 79
25) Isophorone	7.40	82	725375	40.892	ng	# 65
50) Dimethylphthalate	9.59	163	96997	5.101	ng	100
51) 2,6-Dinitrotoluene	9.87	165	35411	8.568	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	35412	6.436	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	13395	2.575	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116251.D
Acq On : 14 Aug 2019 00:50
Operator : HP/JU
Sample : K4321-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 14 01:49:12 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



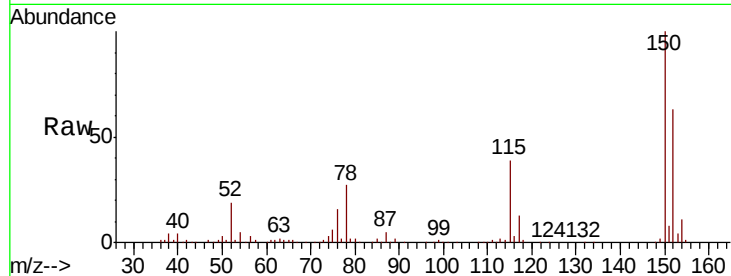


#1

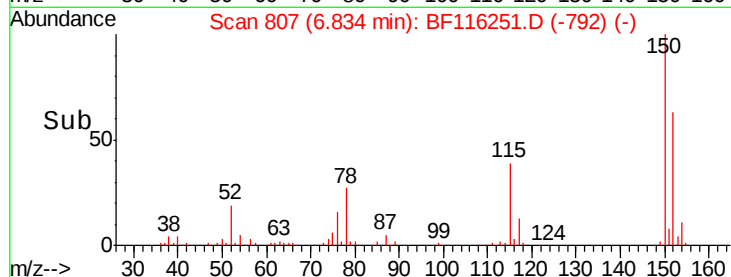
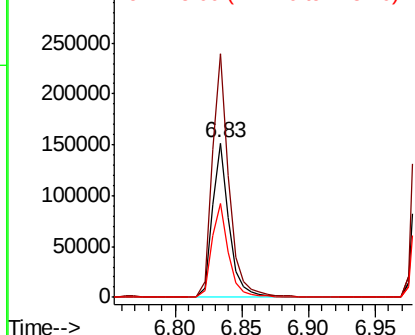
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 134782
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.0 49.9 74.9



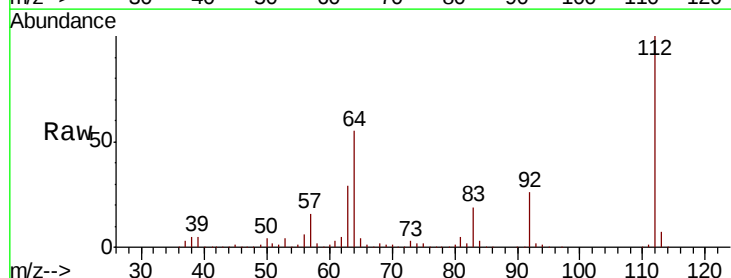
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



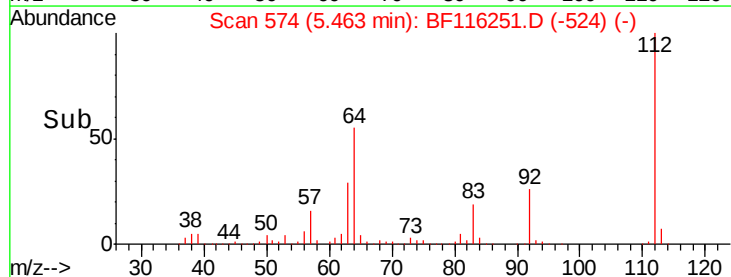
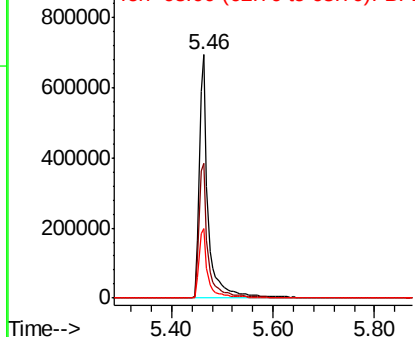
#5

2-Fluorophenol
Concen: 105.089 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116251.D
Acq: 14 Aug 2019 00:50

Tgt Ion:112 Resp: 846095
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.2
63 28.7 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: 110.430 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

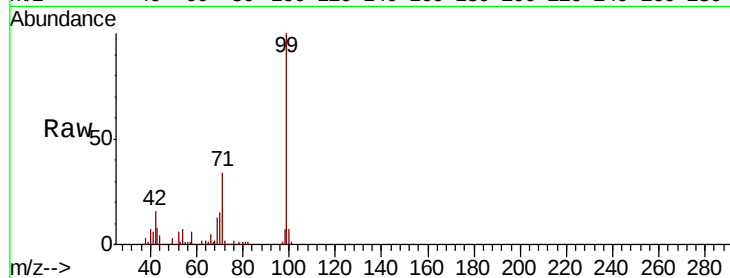
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1121752

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	34.2	27.3	40.9

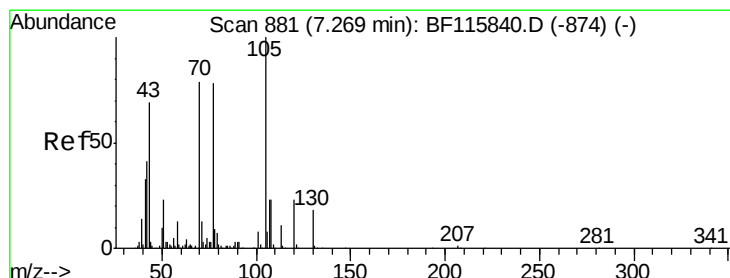
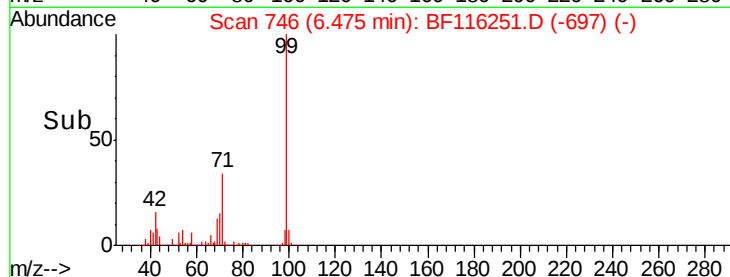


Abundance

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: 15.114 ng

RT: 7.40 min Scan# 903

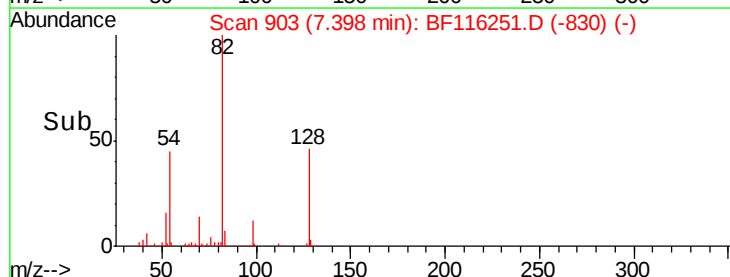
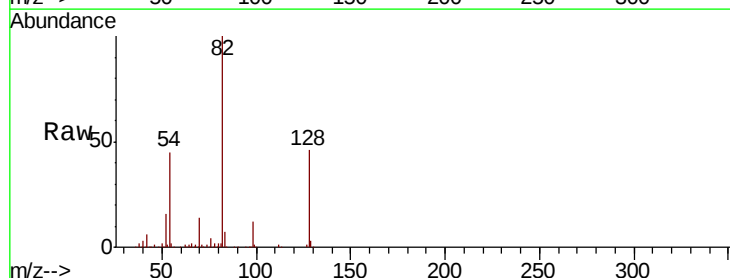
Delta R.T. 0.13 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

Tgt Ion: 70 Resp: 95138

Ion	Ratio	Lower	Upper
70	100		
42	42.5	40.9	61.3
101	0.0	7.9	11.9#
130	2.0	16.9	25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 535493

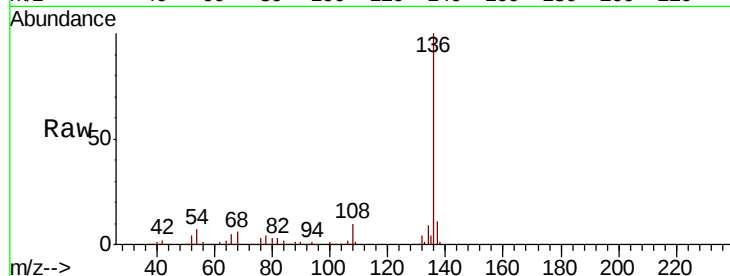
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 5.8 8.6

68 5.6 5.2 7.8

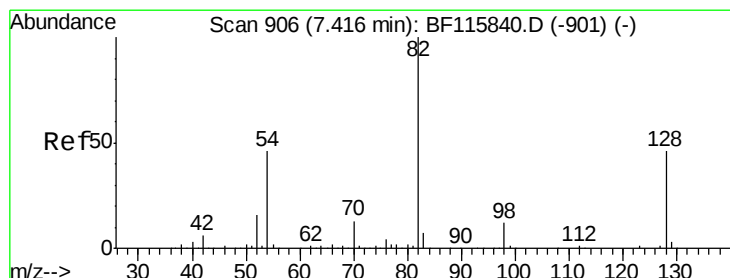
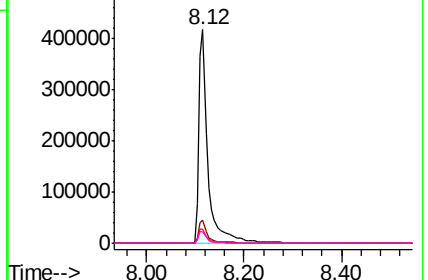
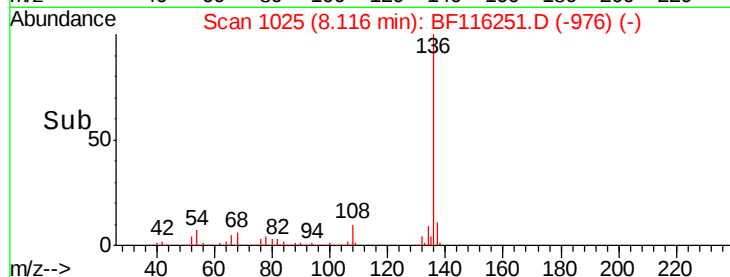


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.192 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

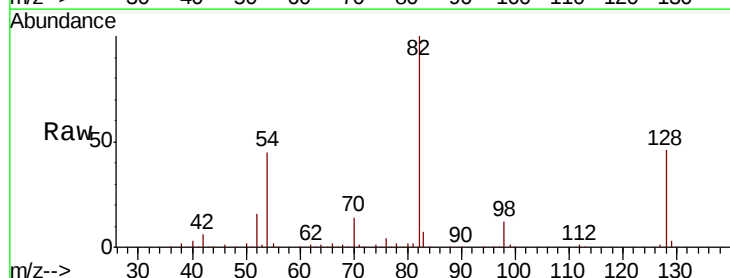
Tgt Ion: 82 Resp: 725380

Ion Ratio Lower Upper

82 100

128 45.7 36.5 54.7

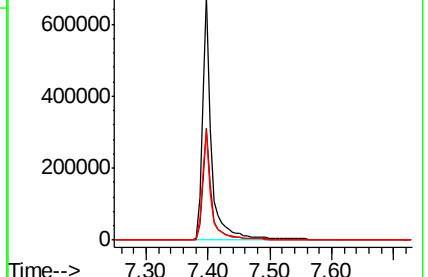
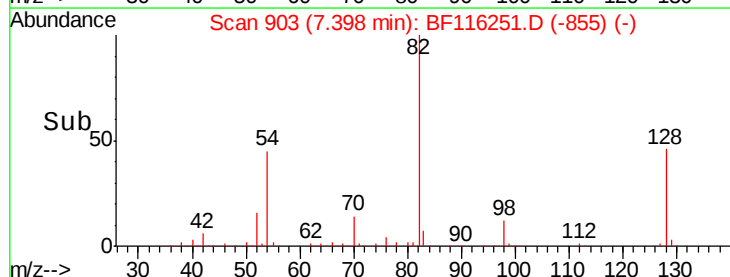
54 44.6 36.0 54.0



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: 40.892 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

Instrument :

BNA_F

ClientSampled :

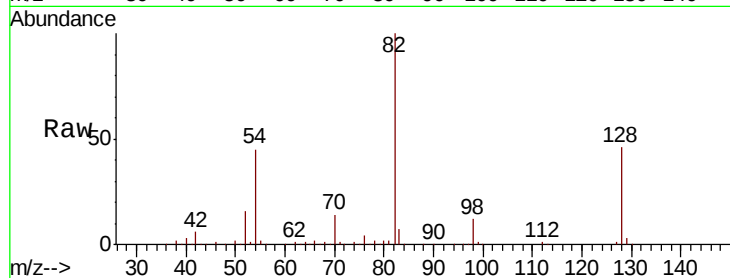
Tot Ion: 82 Resp: 725375

Ion Ratio Lower Upper

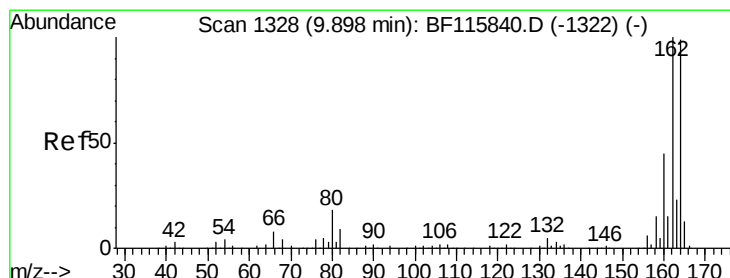
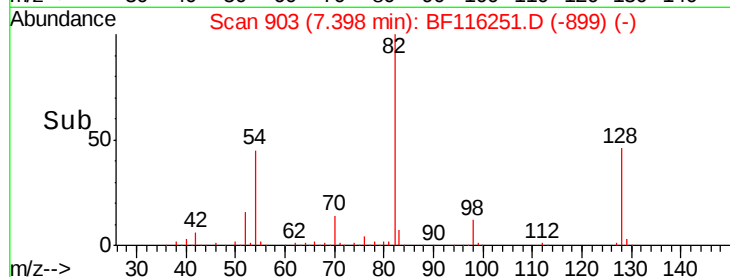
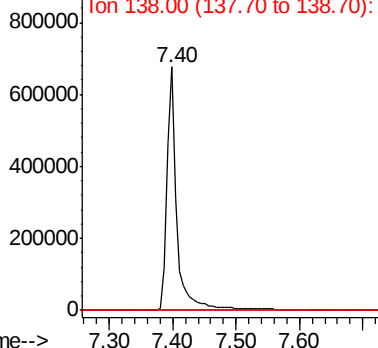
82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

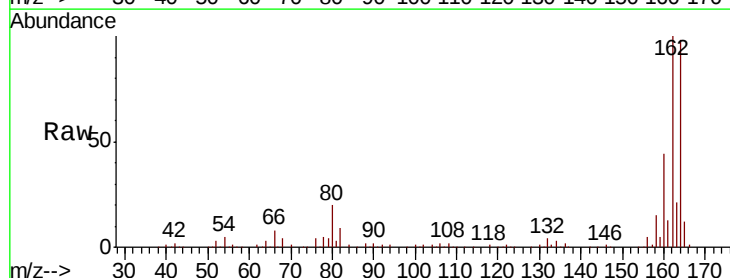
Tgt Ion: 164 Resp: 279298

Ion Ratio Lower Upper

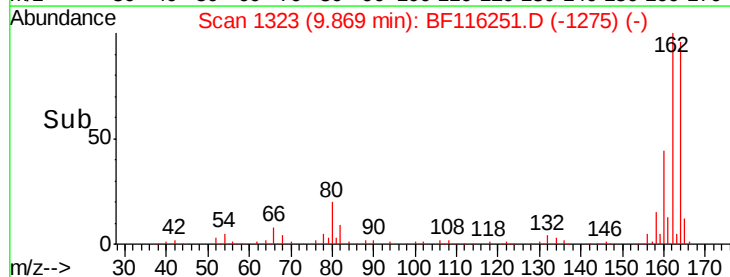
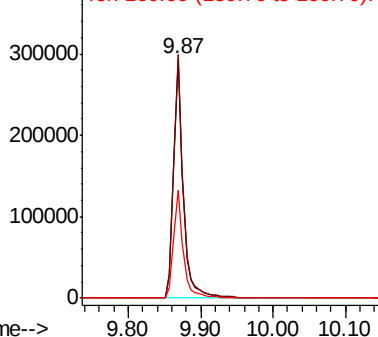
164 100

162 101.9 82.6 124.0

160 45.3 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

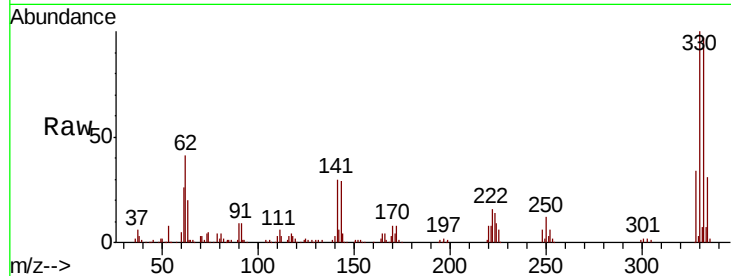




#42
 2,4,6-Tribromophenol
 Concen: 82.451 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.8	115.2
141	35.4	26.3	39.5

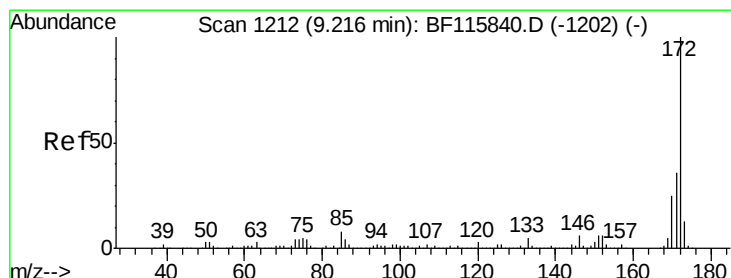
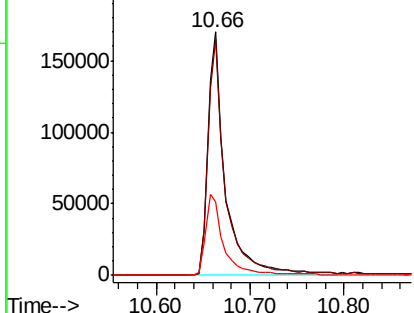
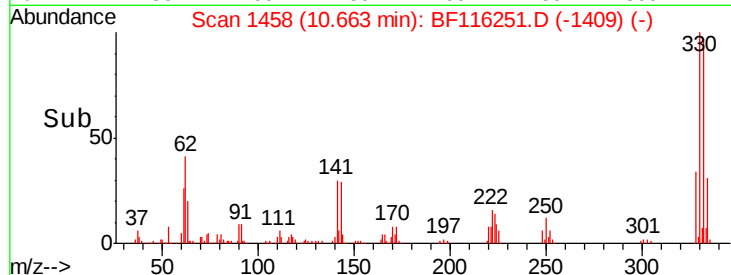


Abundance

Ion 329.80 (329.50 to 330.50): E

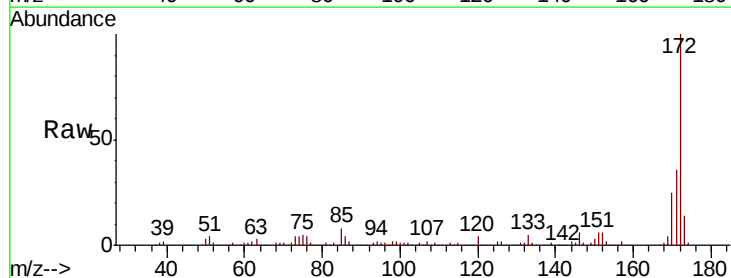
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.377 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.9	20.1	30.1

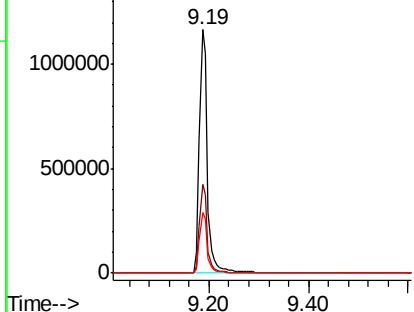
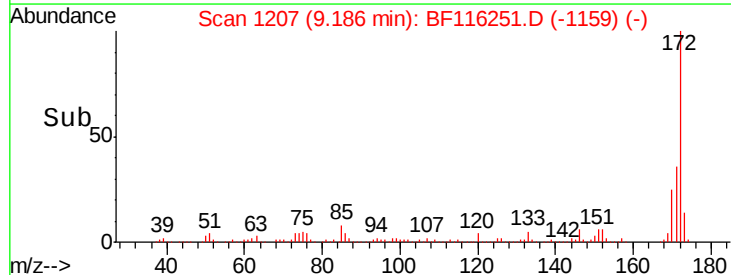


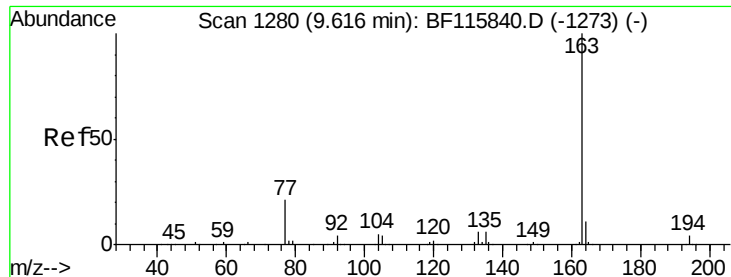
Abundance

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: 5.101 ng

RT: 9.59 min Scan# 1276

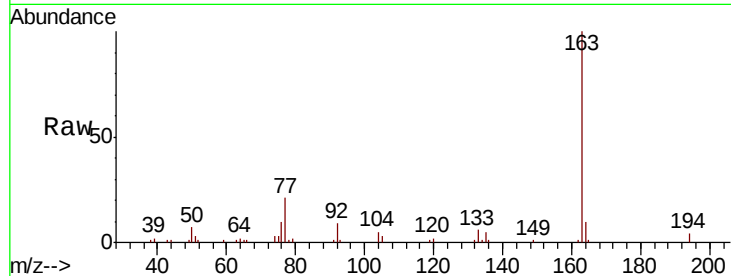
Delta R.T. -0.01 min

Lab File: BF116251.D

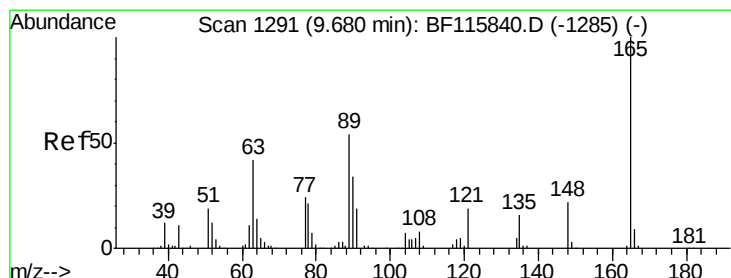
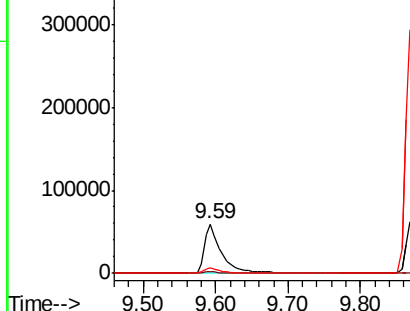
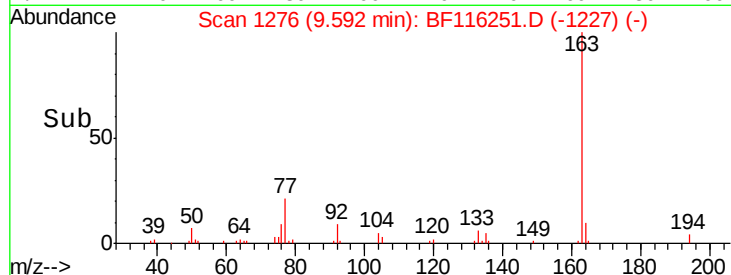
Acq: 14 Aug 2019 00:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	96997
Ion Ratio	Lower	Upper
163	100	
194	3.9	3.0 4.6
164	10.4	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: 8.568 ng

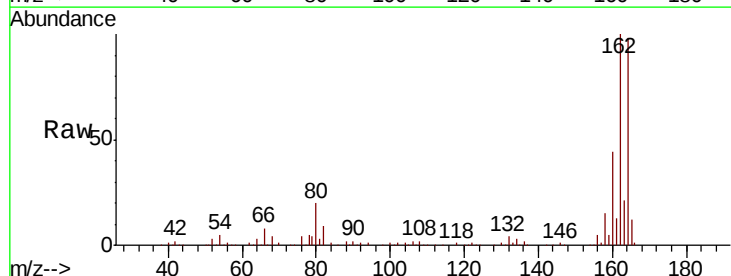
RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

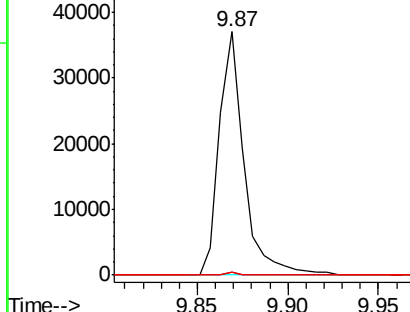
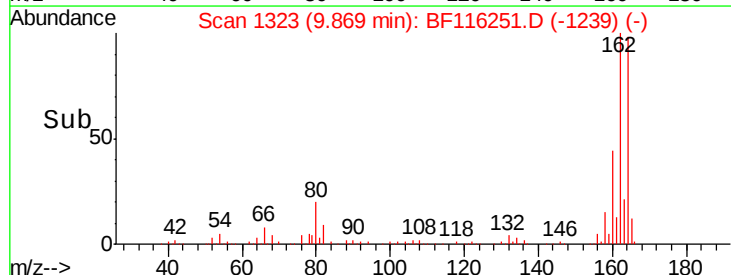
Lab File: BF116251.D

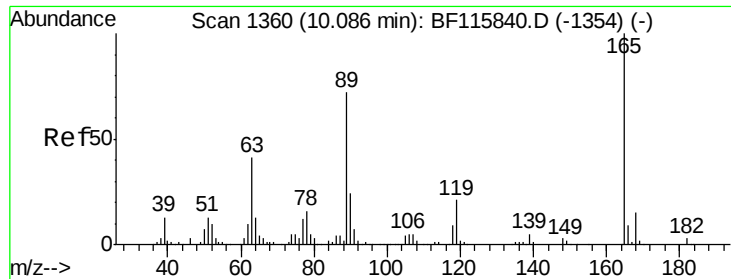
Acq: 14 Aug 2019 00:50

Tgt Ion:165	Resp:	35411
Ion Ratio	Lower	Upper
165	100	
63	1.4	38.2 57.2#
89	1.3	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

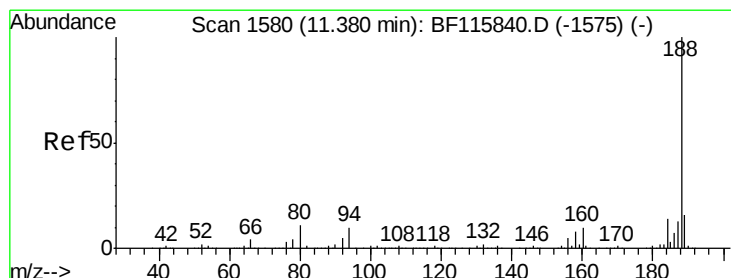
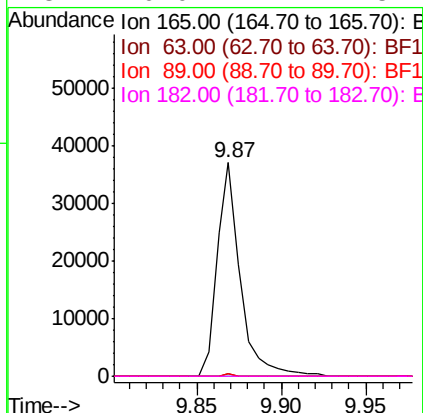
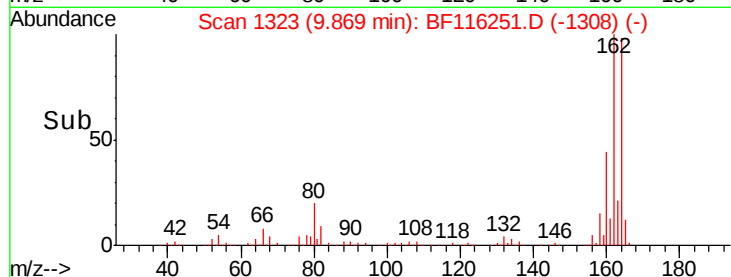
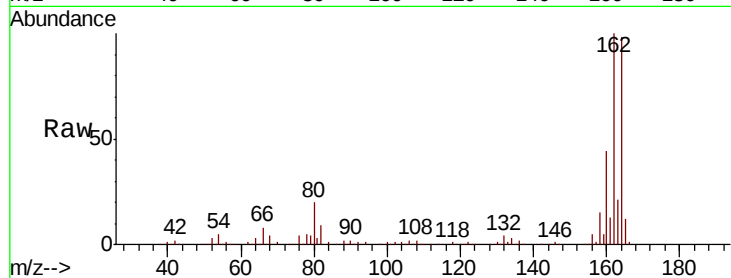




#57
 2,4-Dinitrotoluene
 Concen: 6.436 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

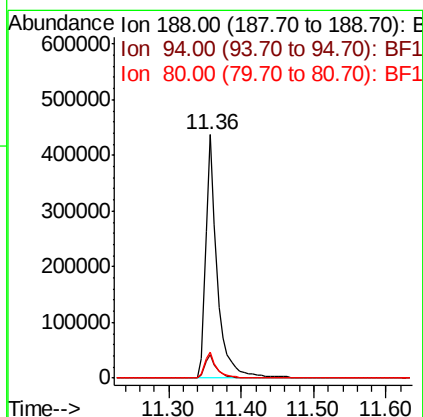
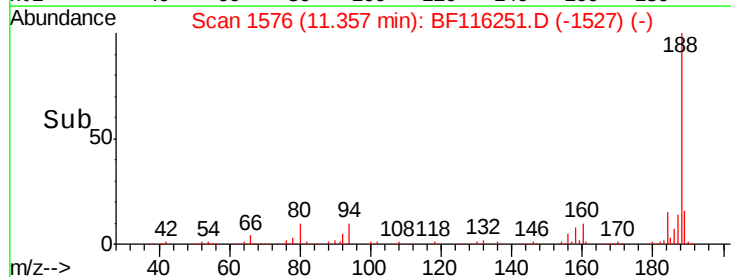
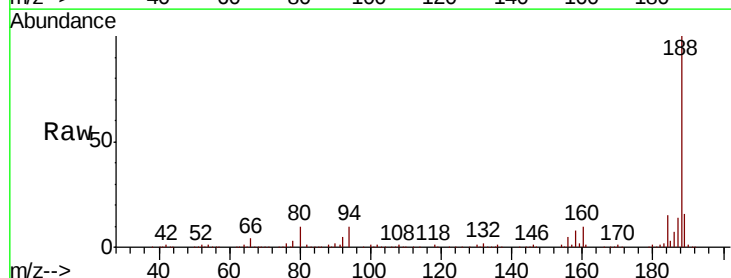
Instrument :
 BNA_F
 ClientSampled :

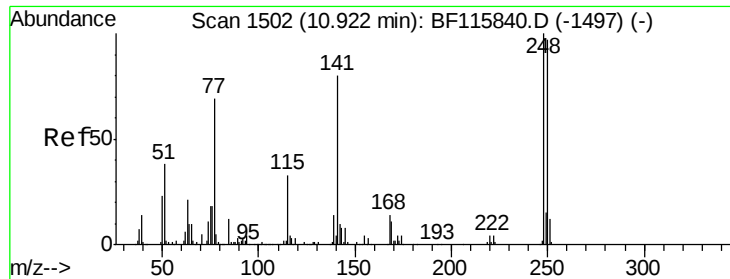
Tot Ion:165 Resp: 35412
 Ion Ratio Lower Upper
 165 100
 63 1.4 39.6 59.4#
 89 1.3 62.2 93.2#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Tgt Ion:188 Resp: 485992
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.5 8.7 13.1

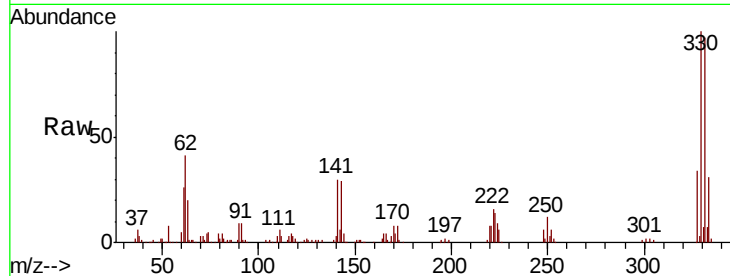




#67
 4-Bromophenyl-phenylether
 Concen: 2.575 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	192.6	77.4	116.2#
141	496.0	56.8	85.2#

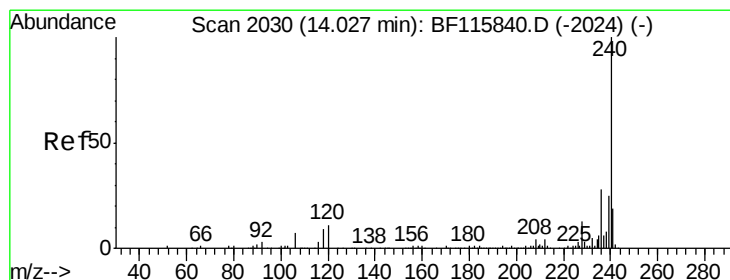
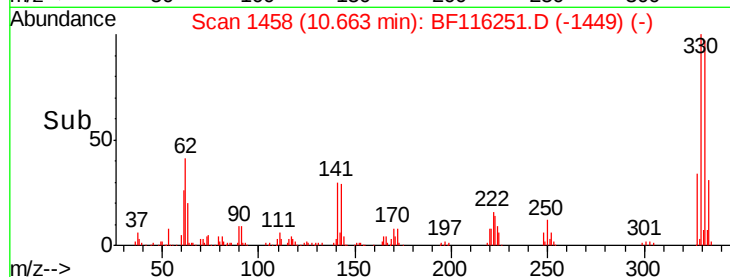
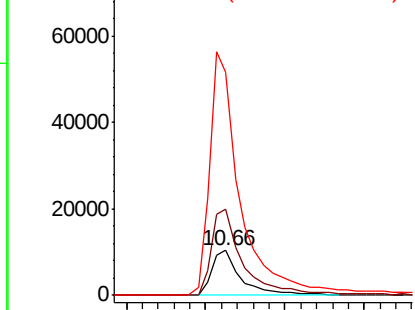


Abundance

Ion 248.00 (247.70 to 248.70): E

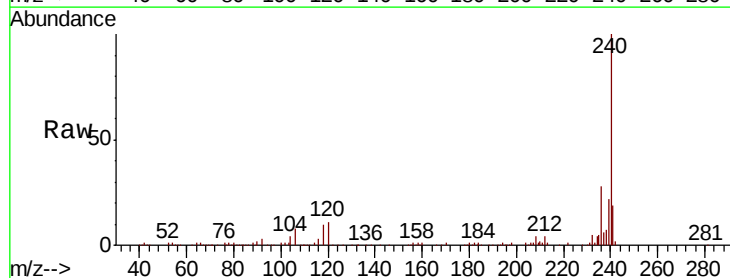
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116251.D
 Acq: 14 Aug 2019 00:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.7	16.1
236	27.5	22.2	33.2

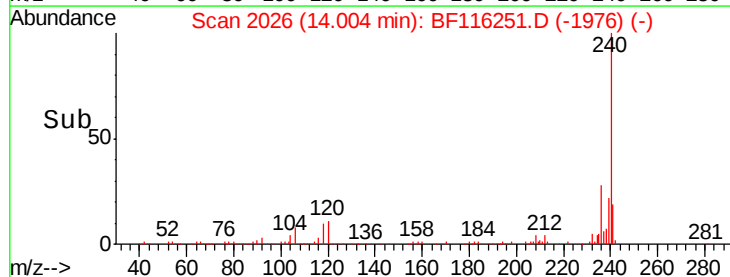
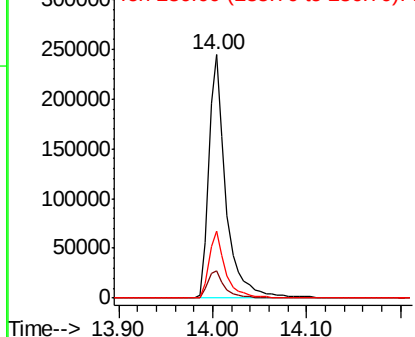


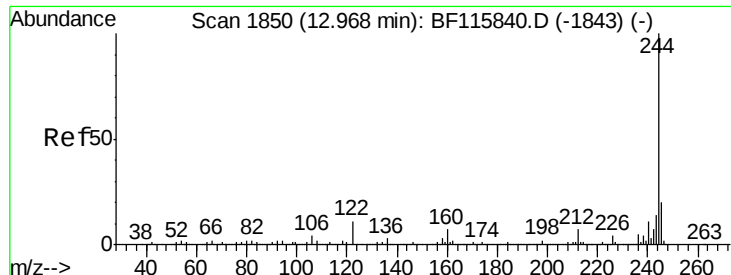
Abundance

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: 87.971 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

Instrument :

BNA_F

ClientSampleId :

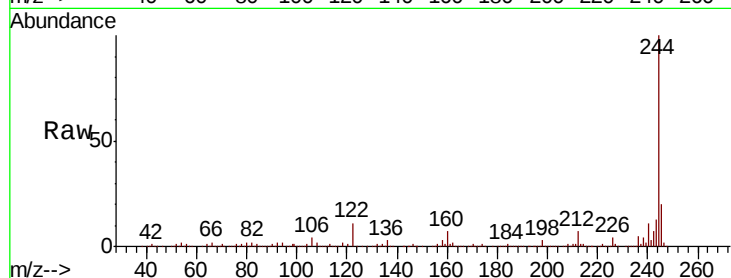
Tot Ion:244 Resp: 1300635

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

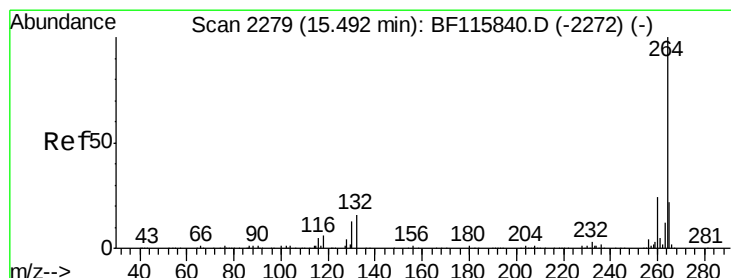
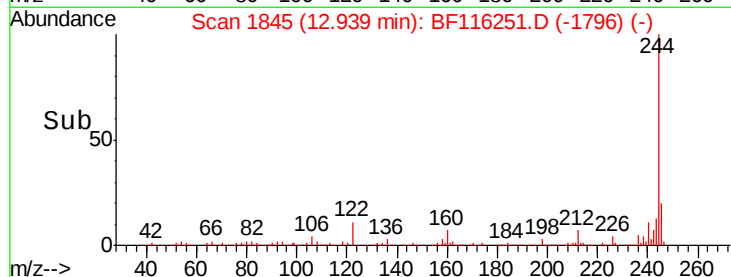
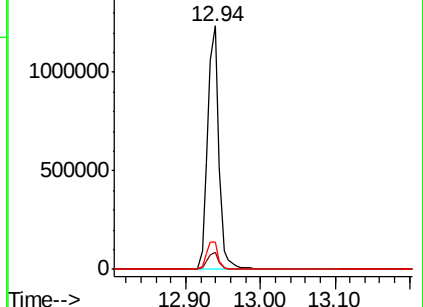
122 11.3 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116251.D

Acq: 14 Aug 2019 00:50

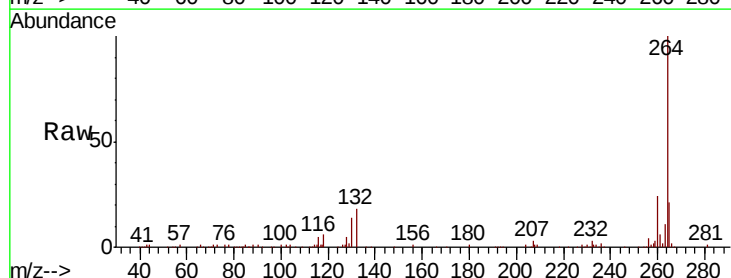
Tgt Ion:264 Resp: 318495

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.0 17.4 26.0



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

