

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116143.D
 Acq On : 10 Aug 2019 11:49
 Operator : HP/JU
 Sample : K4254-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:54:12 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

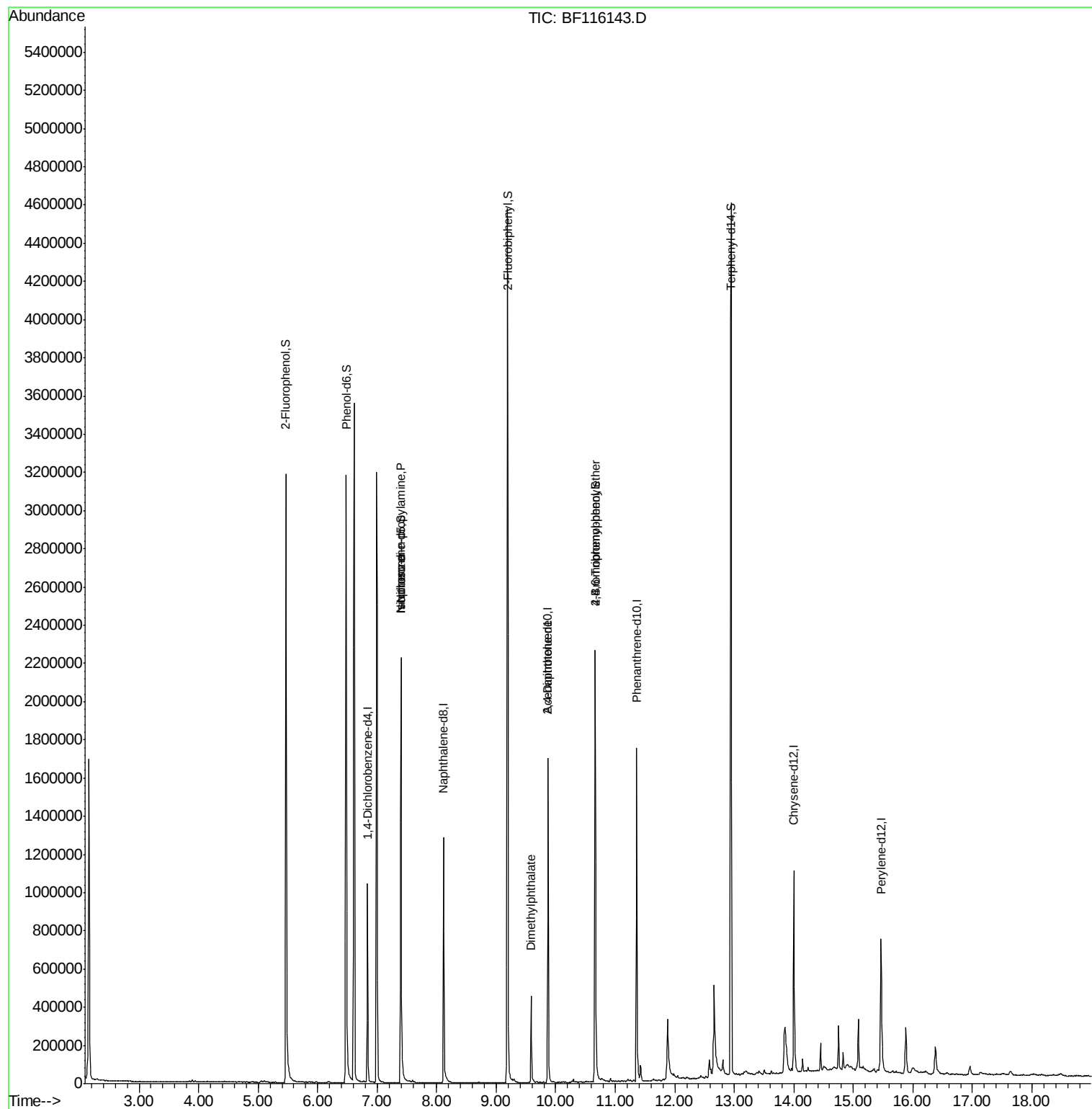
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	165117	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	658071	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	366040	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	664249	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	403941	20.00	ng	-0.01
87) Perylene-d12	15.47	264	333038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1065740	108.05	ng	0.00
7) Phenol-d6	6.48	99	1359954	109.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	910630	79.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	319862	90.13	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1635252	83.68	ng	-0.01
79) Terphenyl-d14	12.95	244	1750671	91.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	124784	16.182	ng	# 80
25) Isophorone	7.40	82	910622	41.773	ng	# 65
50) Dimethylphthalate	9.59	163	230733	9.258	ng	99
57) 2,4-Dinitrotoluene	9.87	165	46695	6.475	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	19238	2.705	ng	# 1

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

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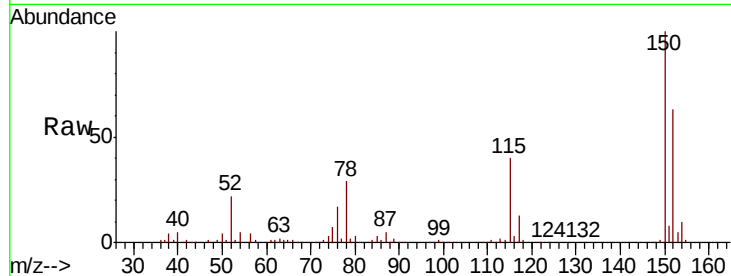


#1

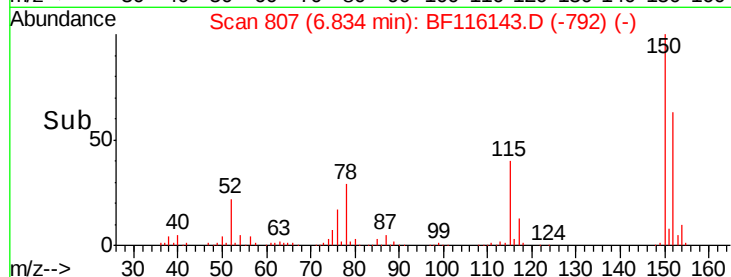
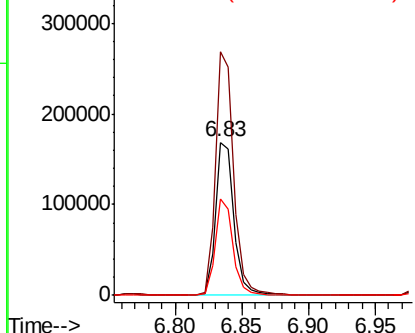
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116143.D
Acq: 10 Aug 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165117
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 63.4 49.9 74.9



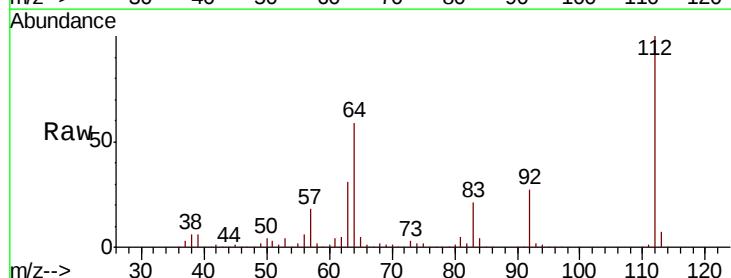
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



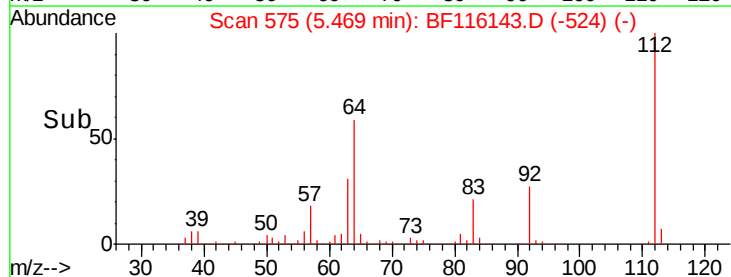
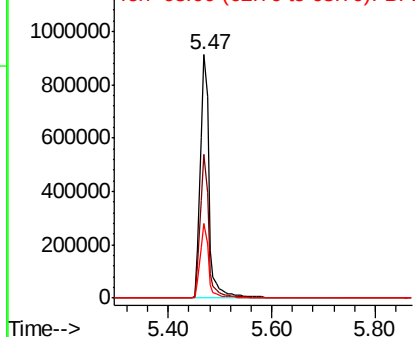
#5

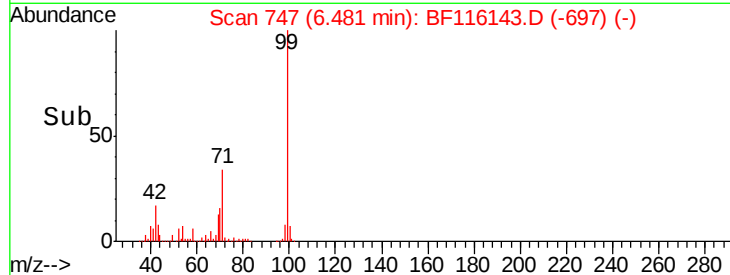
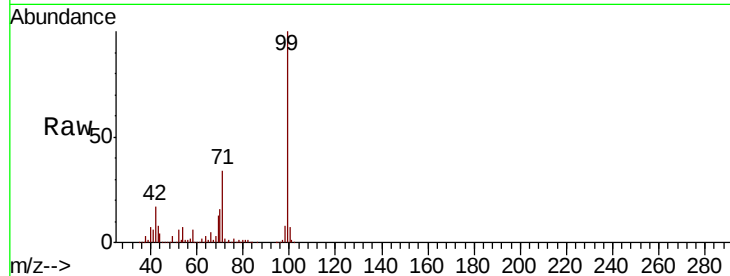
2-Fluorophenol
Concen: 108.052 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116143.D
Acq: 10 Aug 2019 11:49

Tgt Ion:112 Resp: 1065740
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.2
63 30.8 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: 109.284 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116143.D

Acq: 10 Aug 2019 11:49

Instrument :

BNA_F

ClientSampleId :

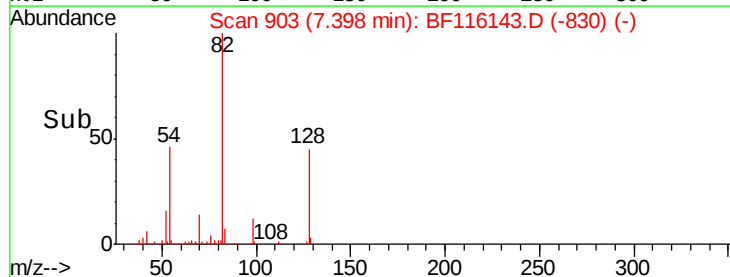
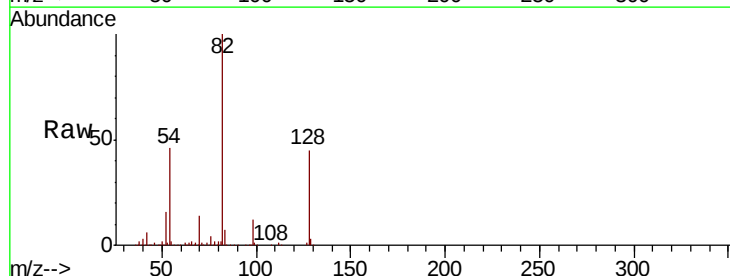
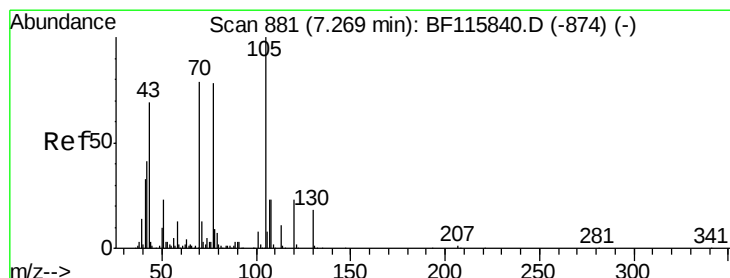
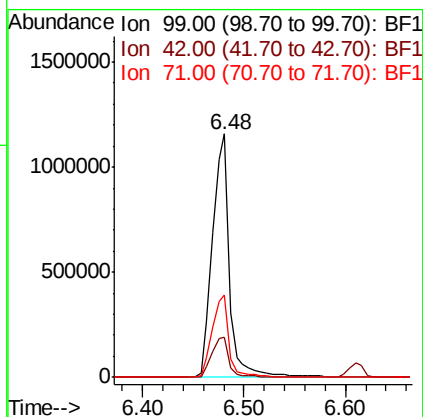
Tot Ion: 99 Resp: 1359954

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

71 34.0 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 16.182 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116143.D

Acq: 10 Aug 2019 11:49

Tgt Ion: 70 Resp: 124784

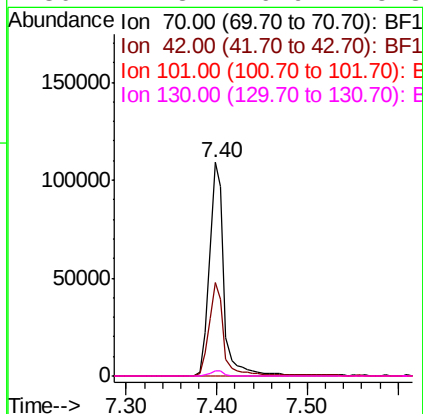
Ion Ratio Lower Upper

70 100

42 43.9 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 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: BF116143.D

Acq: 10 Aug 2019 11:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 658071

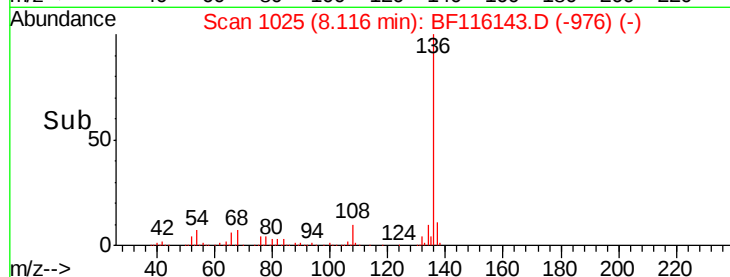
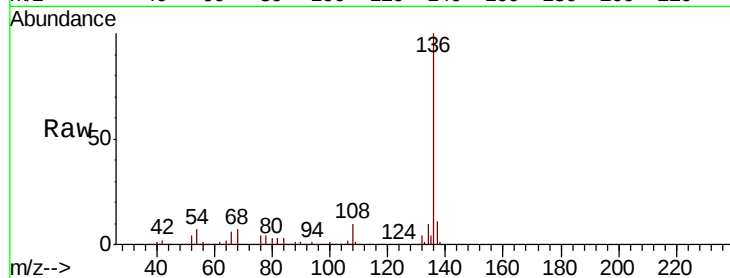
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.8 8.6

68 6.5 5.2 7.8

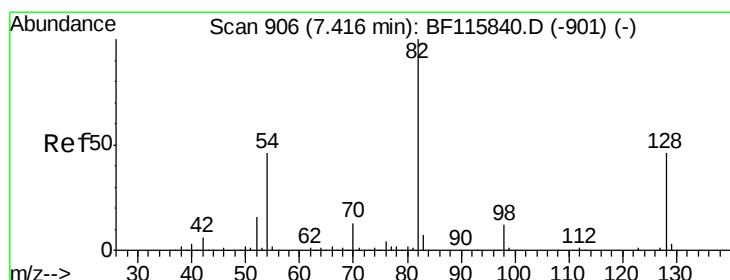
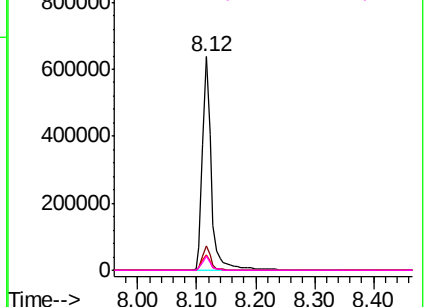


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.876 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116143.D

Acq: 10 Aug 2019 11:49

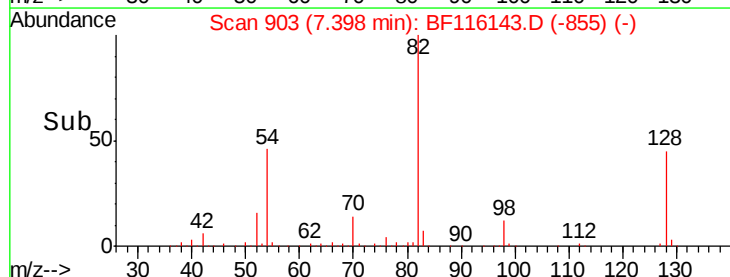
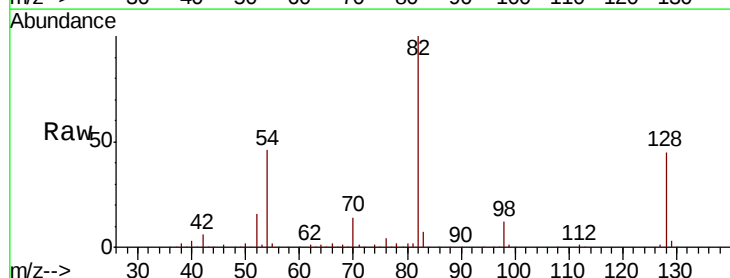
Tgt Ion: 82 Resp: 910630

Ion Ratio Lower Upper

82 100

128 44.7 36.5 54.7

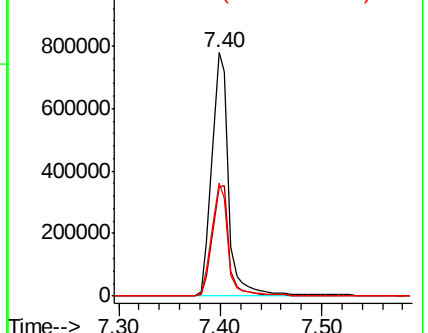
54 46.3 36.0 54.0



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: 41.773 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116143.D

Acq: 10 Aug 2019 11:49

Instrument :

BNA_F

ClientSampled :

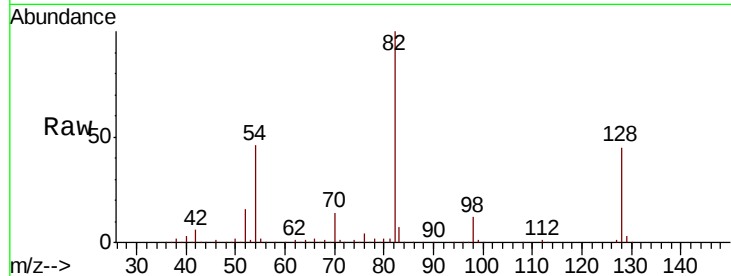
Tot Ion: 82 Resp: 910622

Ion Ratio Lower Upper

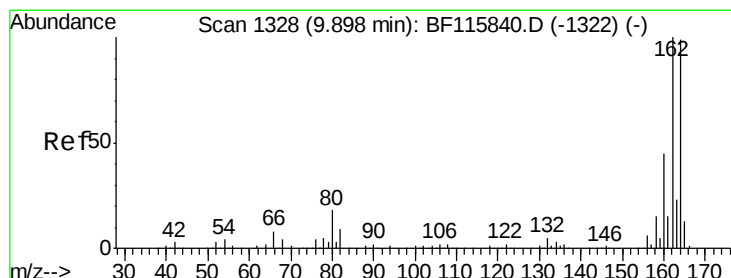
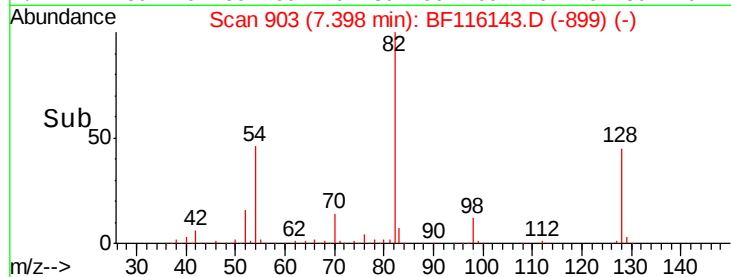
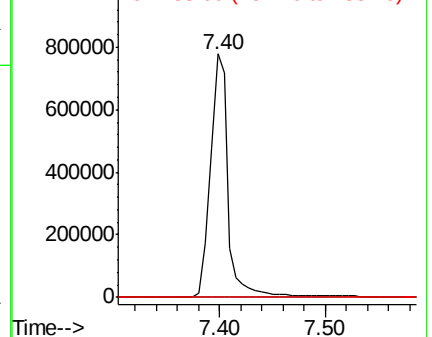
82 100

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: BF116143.D

Acq: 10 Aug 2019 11:49

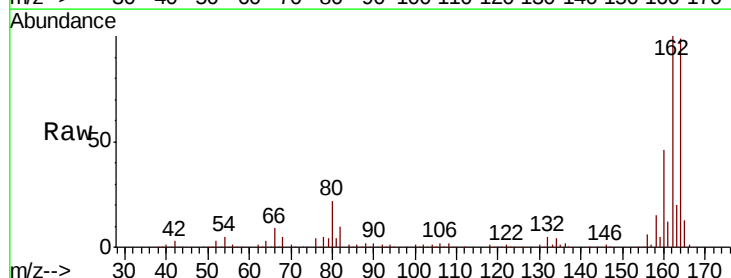
Tgt Ion: 164 Resp: 366040

Ion Ratio Lower Upper

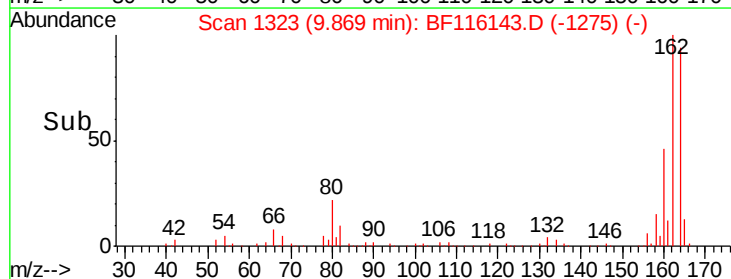
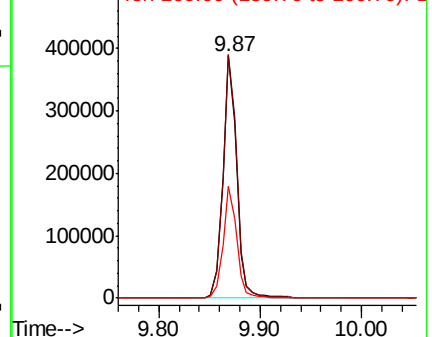
164 100

162 100.6 82.6 124.0

160 46.2 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: 90.131 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116143.D

Acq: 10 Aug 2019 11:49

Instrument :

BNA_F

ClientSampleId :

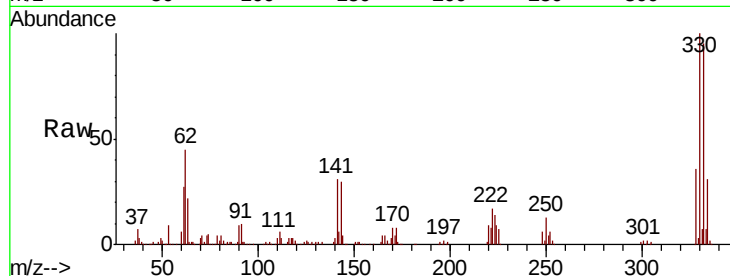
Tot Ion:330 Resp: 319862

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

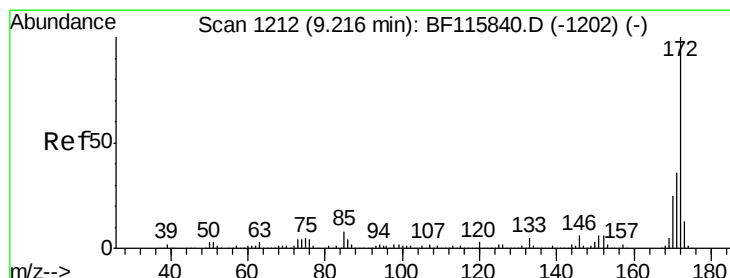
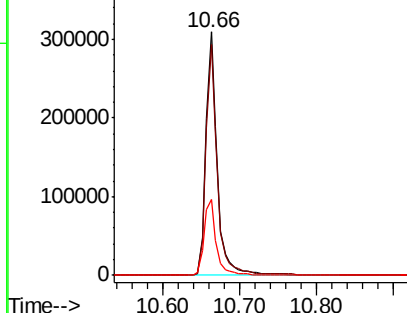
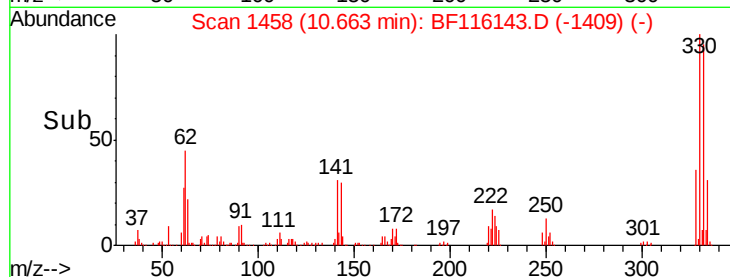
141 33.9 26.3 39.5



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: 83.678 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116143.D

Acq: 10 Aug 2019 11:49

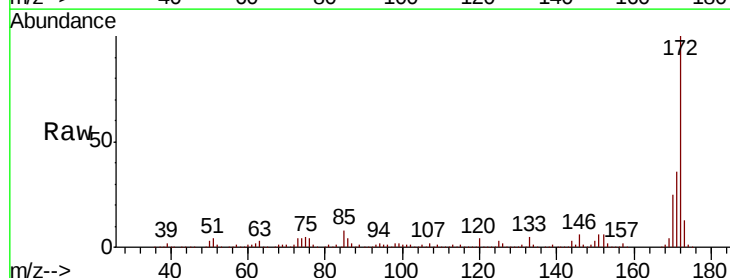
Tgt Ion:172 Resp: 1635252

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

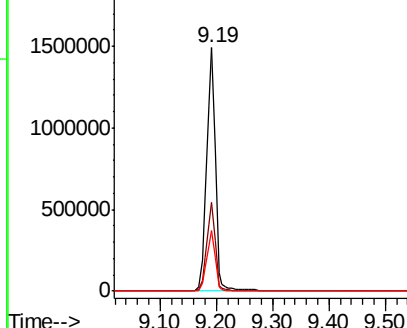
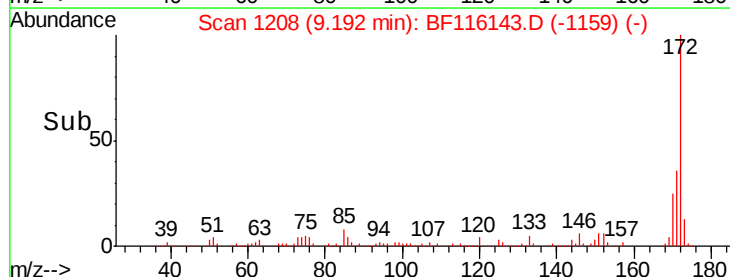
170 25.1 20.1 30.1

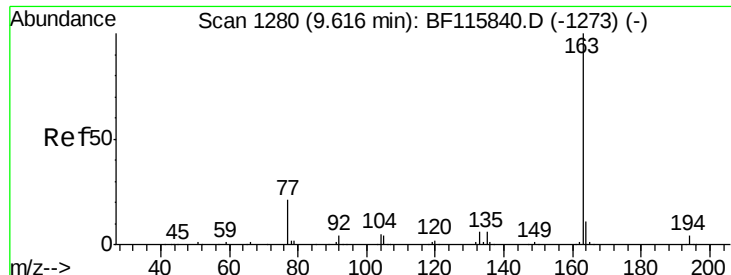


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

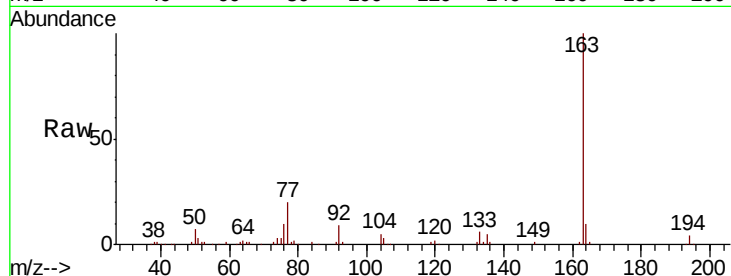




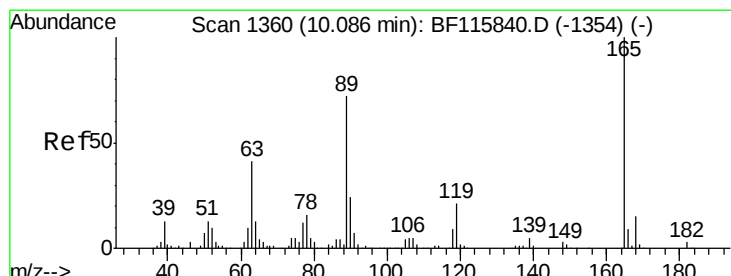
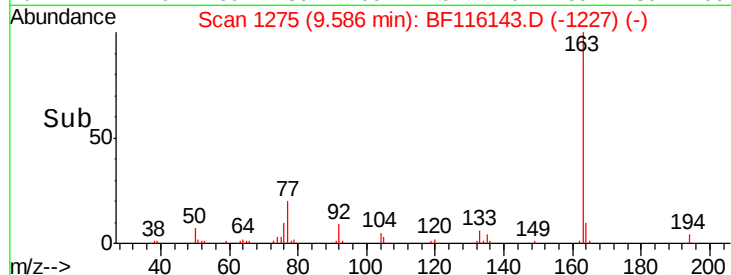
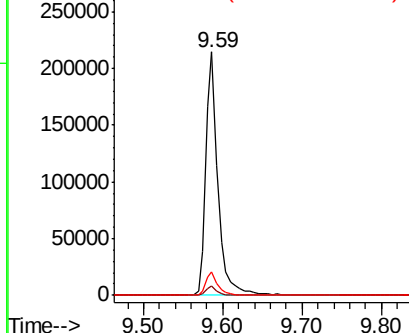
#50
Dimethylphthalate
Concen: 9.258 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116143.D
Acq: 10 Aug 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.8	8.4	12.6



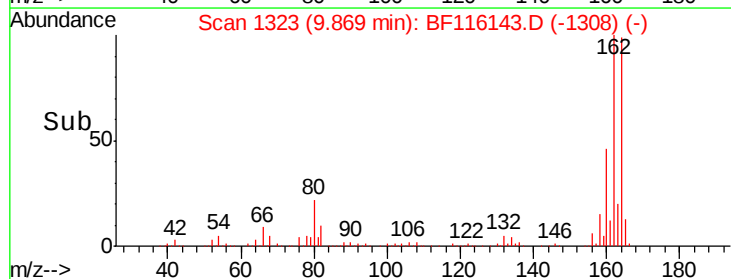
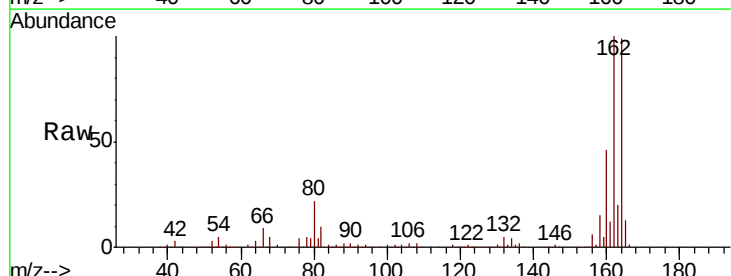
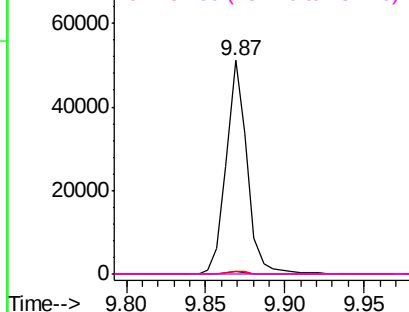
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 6.475 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116143.D
Acq: 10 Aug 2019 11:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.1	62.2	93.2#
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

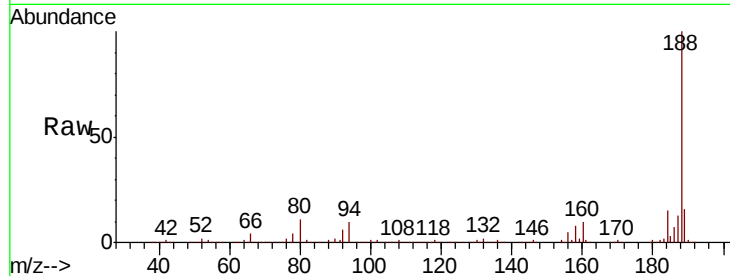




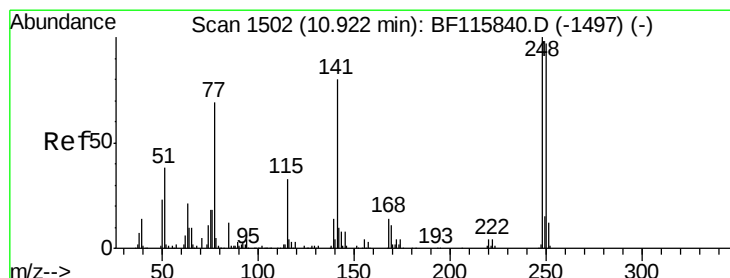
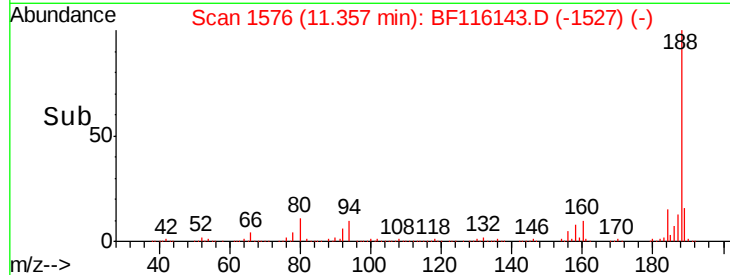
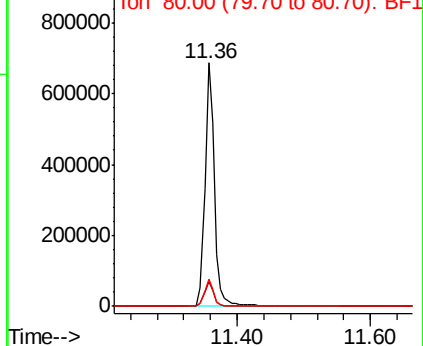
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116143.D
 Acq: 10 Aug 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 664249
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.1 12.1
 80 11.4 8.7 13.1

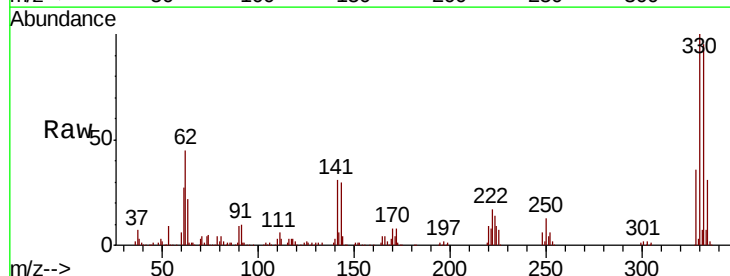


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

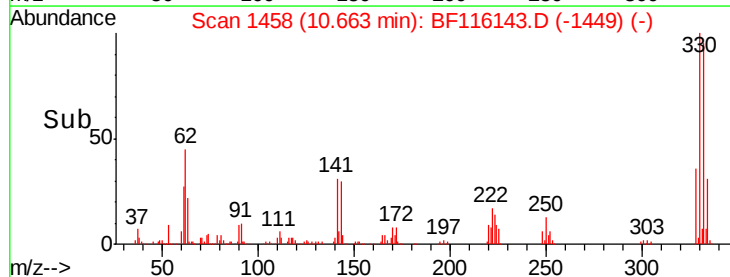
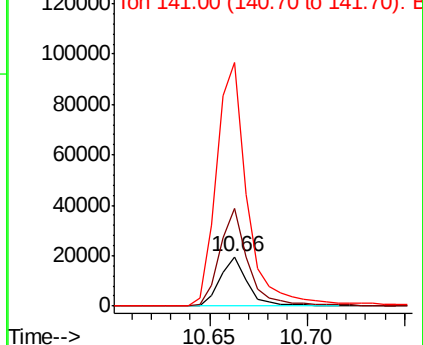


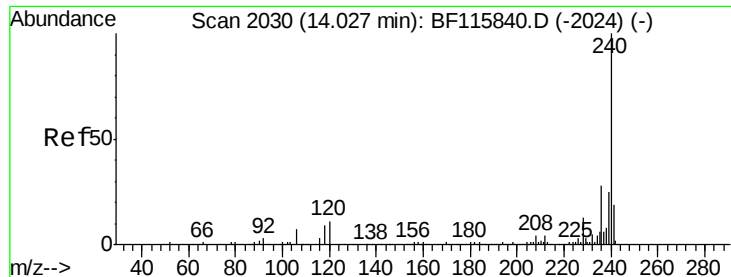
#67
 4-Bromophenyl-phenylether
 Concen: 2.705 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116143.D
 Acq: 10 Aug 2019 11:49

Tgt Ion:248 Resp: 19238
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.4 116.2#
 141 494.4 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

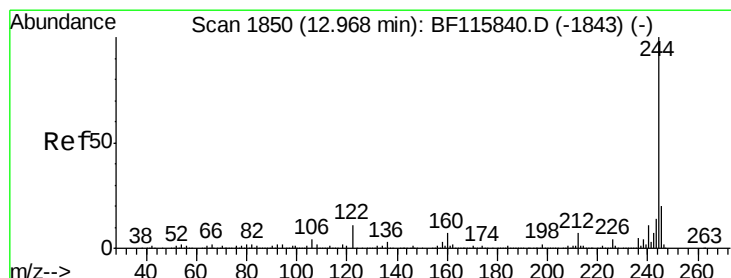
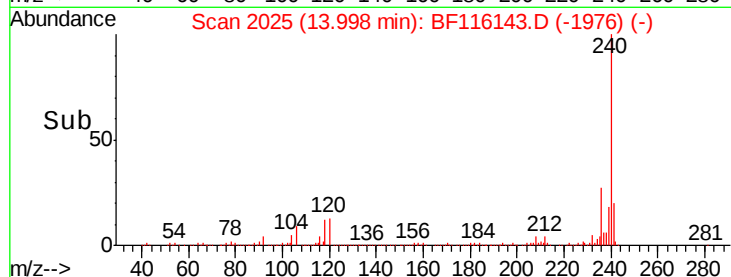
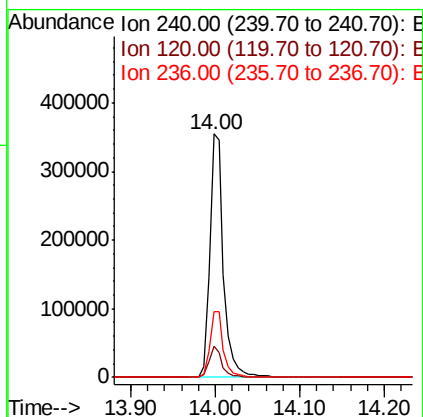
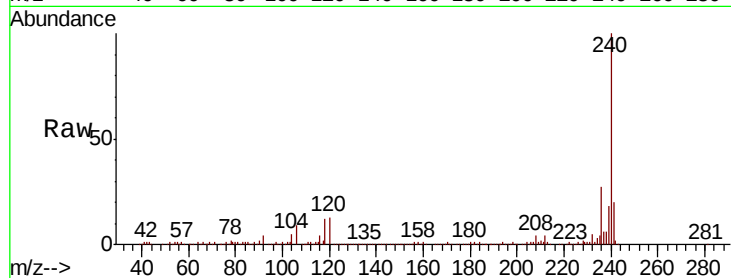




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116143.D
Acq: 10 Aug 2019 11:49

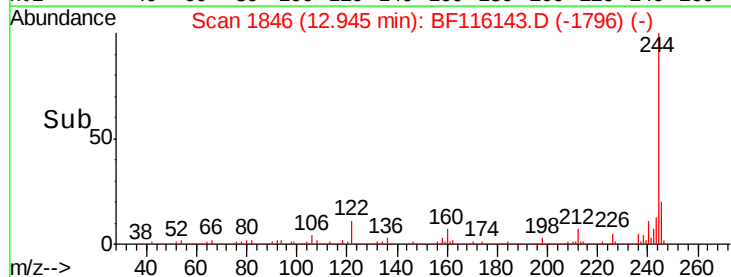
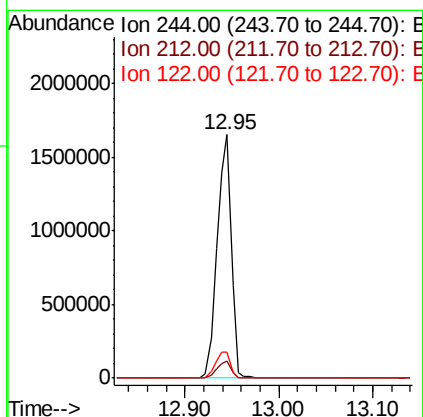
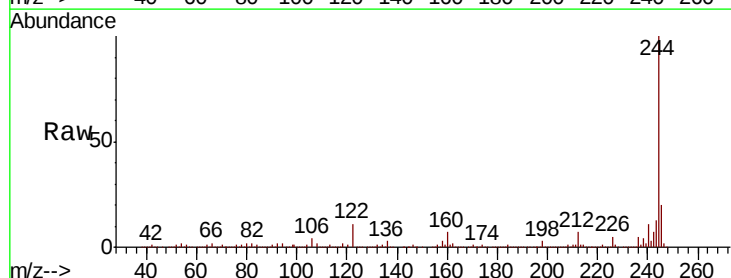
Instrument :
BNA_F
ClientSampled :

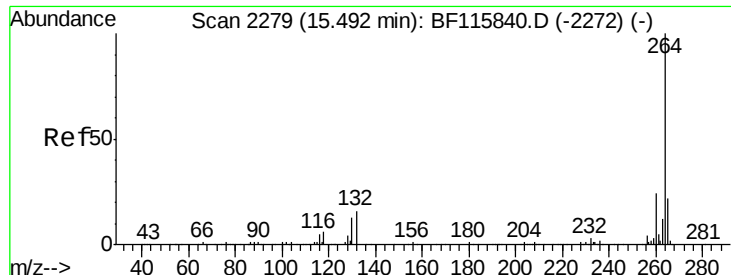
Tot Ion:240 Resp: 403941
Ion Ratio Lower Upper
240 100
120 12.6 10.7 16.1
236 27.0 22.2 33.2



#79
Terphenyl-d14
Concen: 91.324 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116143.D
Acq: 10 Aug 2019 11:49

Tgt Ion:244 Resp: 1750671
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.9 9.0 13.4

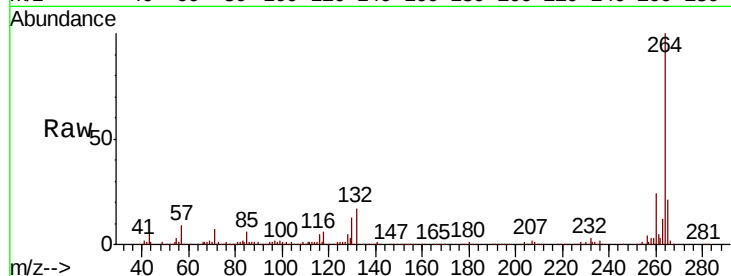




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116143.D
 Acq: 10 Aug 2019 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.3	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

