

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116247.D
 Acq On : 13 Aug 2019 23:02
 Operator : HP/JU
 Sample : K4227-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 14 01:48:35 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

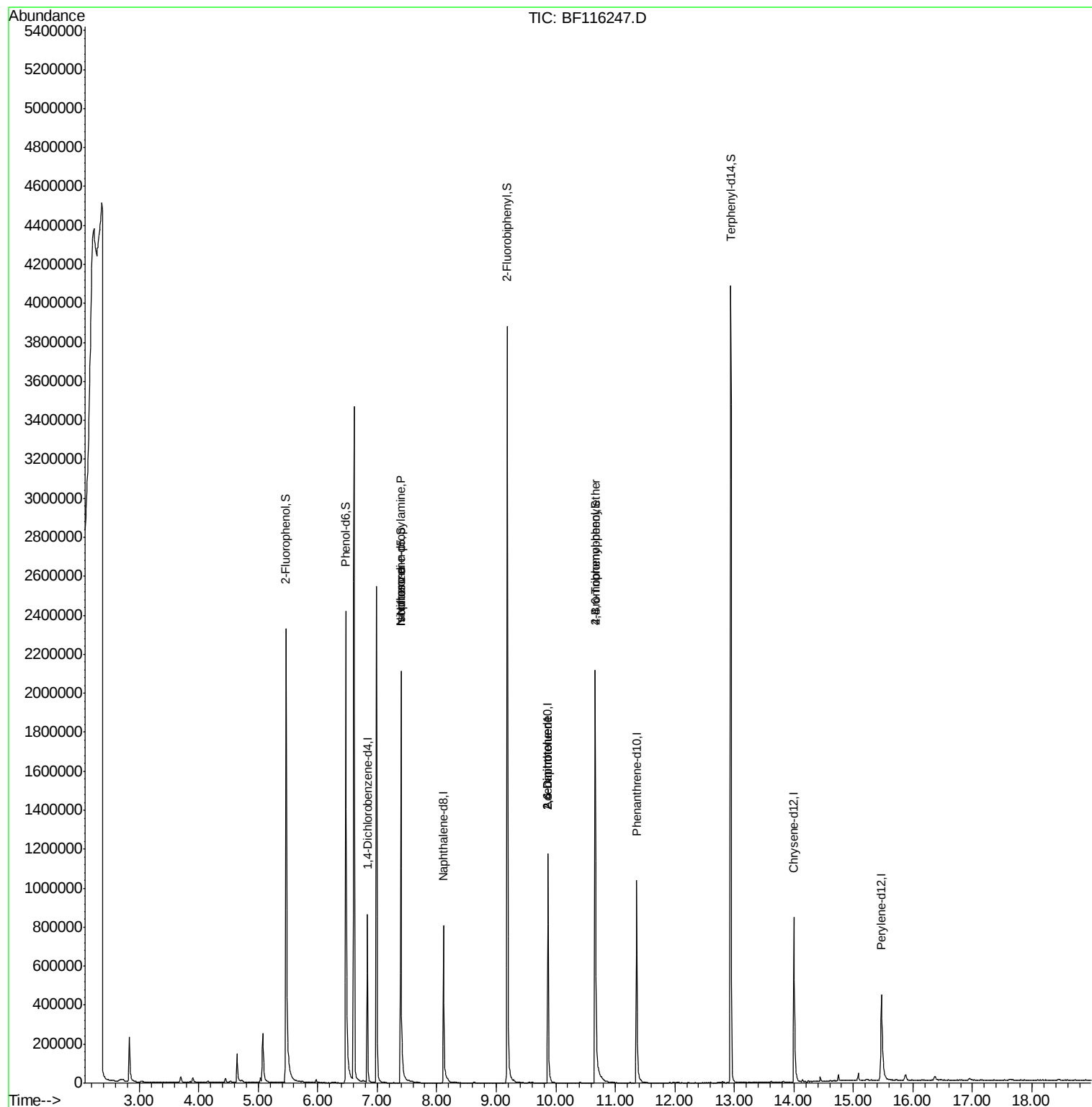
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	130064	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	512978	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	278612	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	509796	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	398732	20.00	ng	0.00
87) Perylene-d12	15.47	264	342383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907851	116.85	ng	0.00
7) Phenol-d6	6.47	99	1085082	110.70	ng	-0.01
23) Nitrobenzene-d5	7.40	82	818770	92.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	379451	140.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1404318	94.41	ng	-0.02
79) Terphenyl-d14	12.94	244	1729068	91.38	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	111396	18.339	ng	# 79
25) Isophorone	7.40	82	818762	48.182	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	34620	8.398	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	34620	6.307	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22904	4.197	ng	# 1

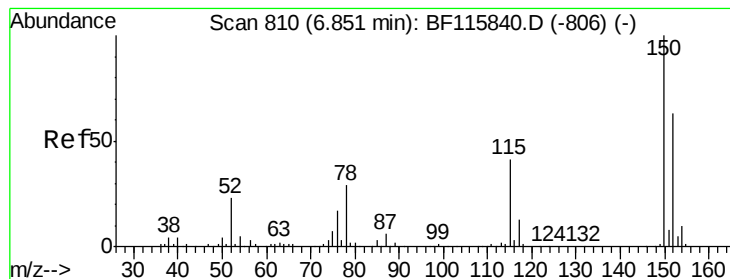
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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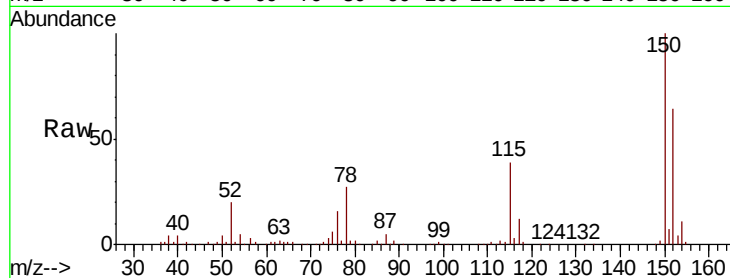


#1

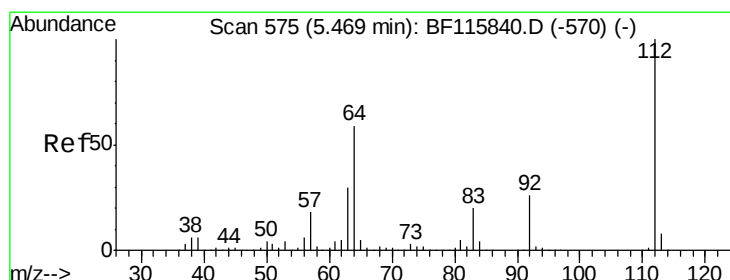
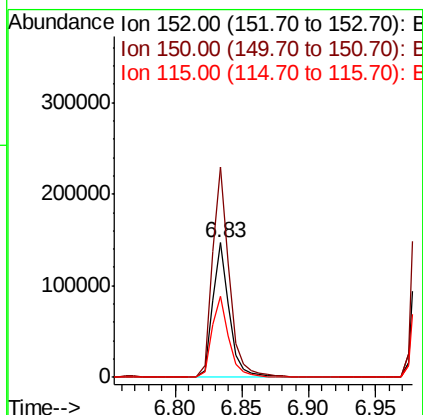
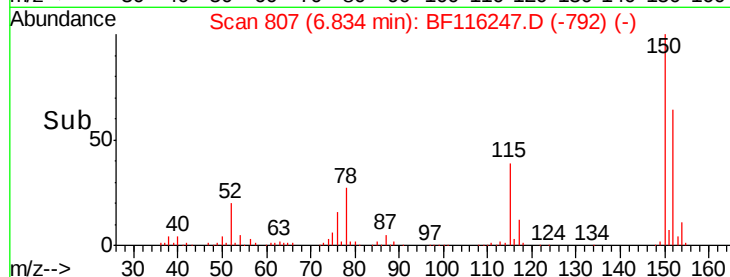
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	60.3	49.9	74.9



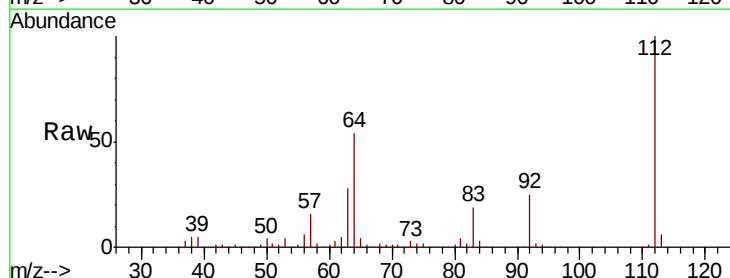
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



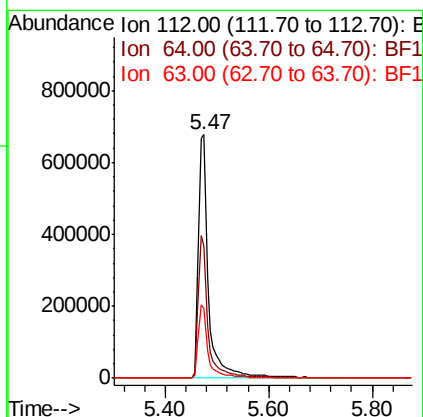
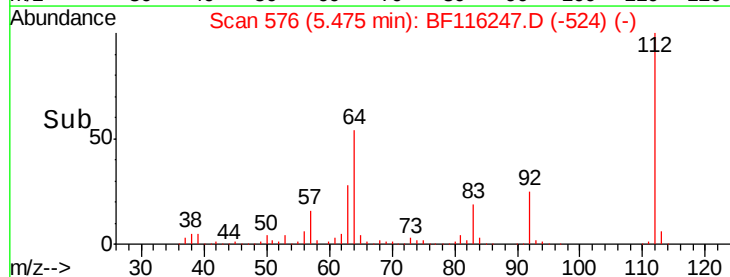
#5

2-Fluorophenol
 Concen: 116.850 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.4	68.2
63	28.5	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: 110.695 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Instrument :

BNA_F

ClientSampled :

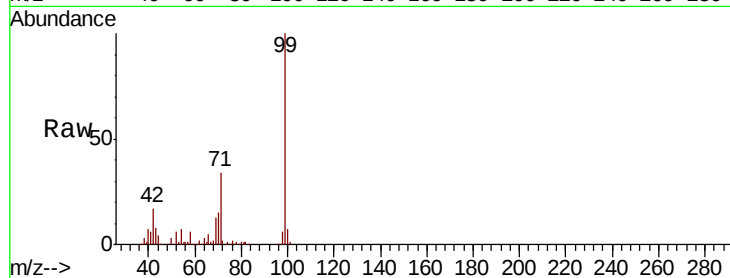
Tot Ion: 99 Resp: 1085082

Ion Ratio Lower Upper

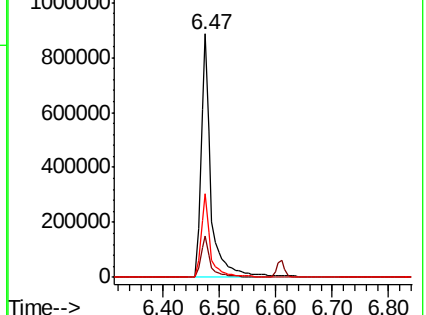
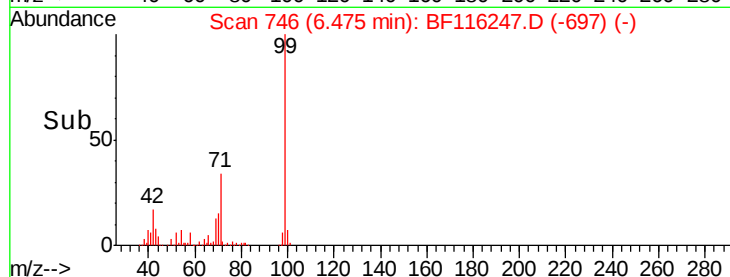
99 100

42 17.1 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: 18.339 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Tgt Ion: 70 Resp: 111396

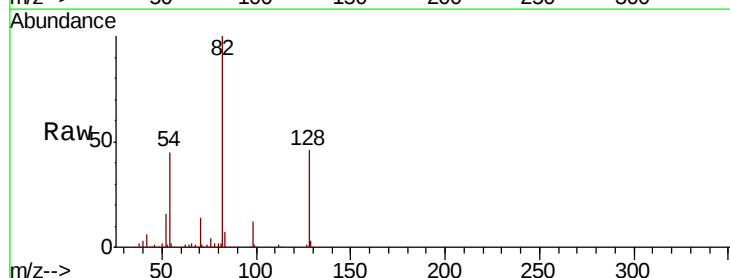
Ion Ratio Lower Upper

70 100

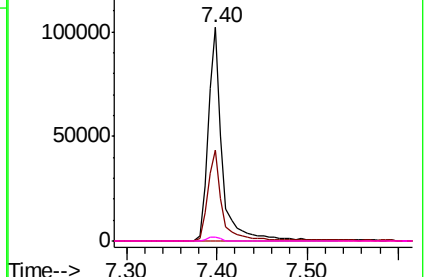
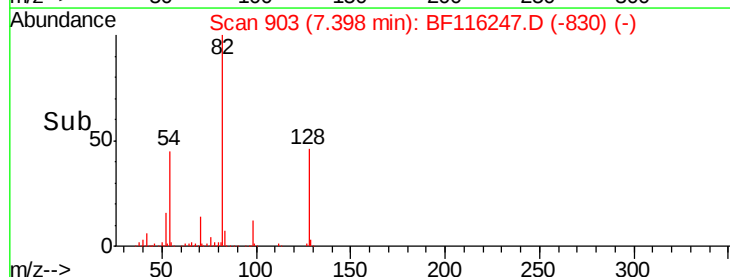
42 42.8 40.9 61.3

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

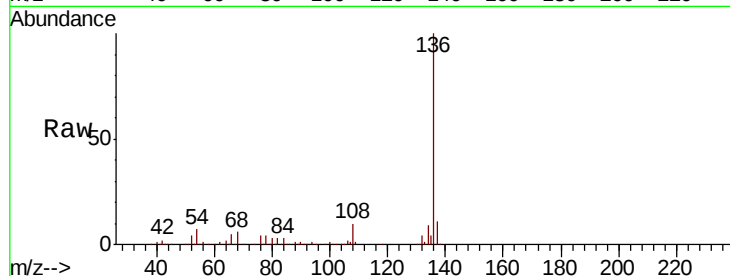




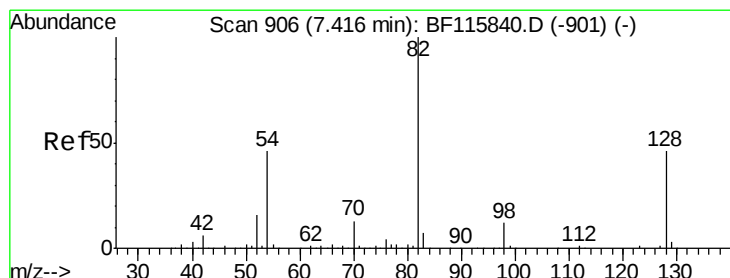
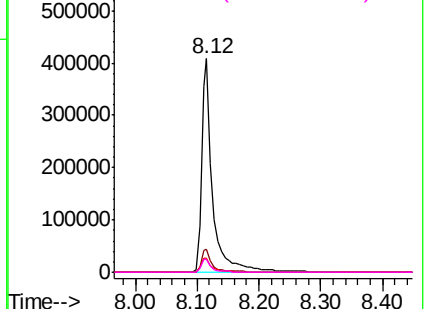
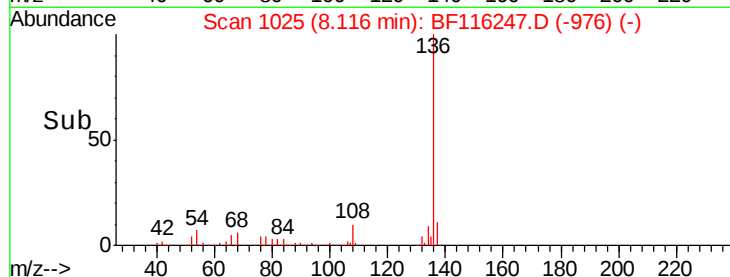
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116247.D
Acq: 13 Aug 2019 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	512978
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.0 13.4
54	6.6	5.8 8.6
68	5.9	5.2 7.8

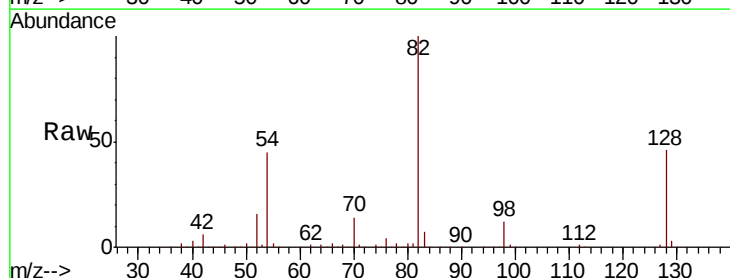


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

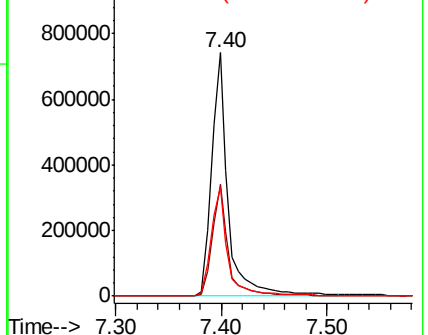
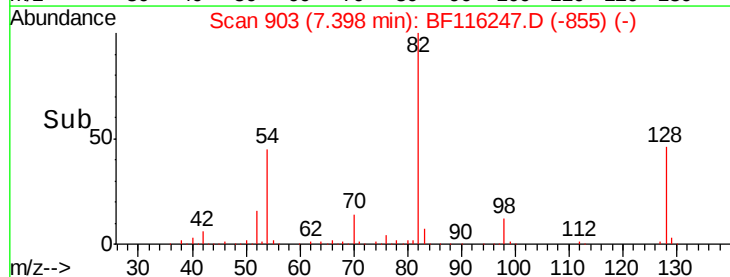


#23
Nitrobenzene-d5
Concen: 92.132 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116247.D
Acq: 13 Aug 2019 23:02

Tgt Ion: 82	Resp:	818770
Ion	Ratio	Lower Upper
82	100	
128	45.7	36.5 54.7
54	45.1	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: 48.182 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Instrument :

BNA_F

ClientSampleId :

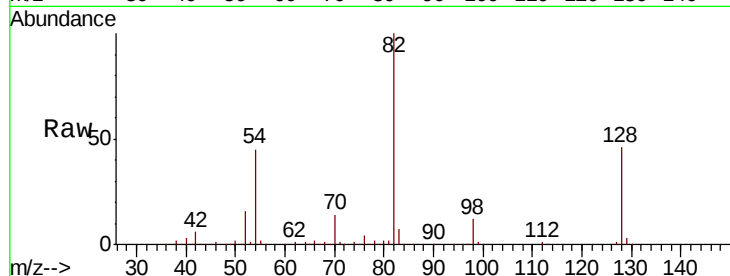
Tot Ion: 82 Resp: 818762

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

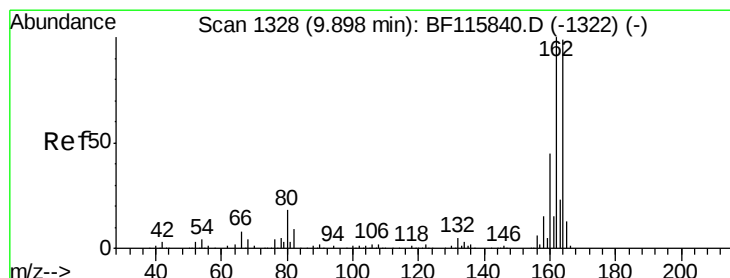
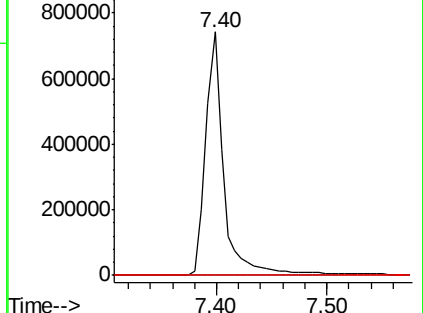
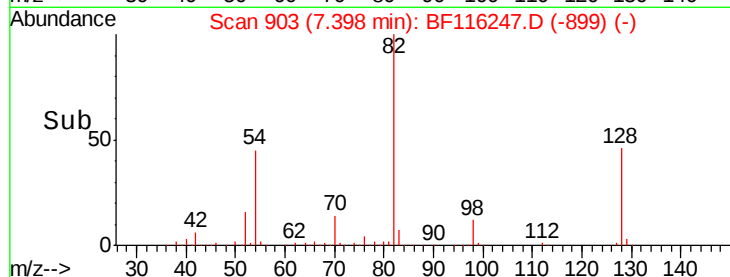
138 0.0 14.5 21.7#



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: BF116247.D

Acq: 13 Aug 2019 23:02

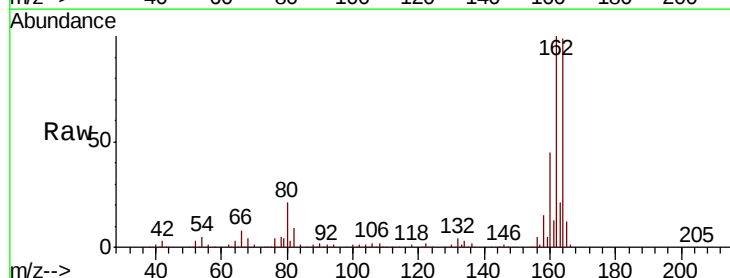
Tgt Ion: 164 Resp: 278612

Ion Ratio Lower Upper

164 100

162 101.0 82.6 124.0

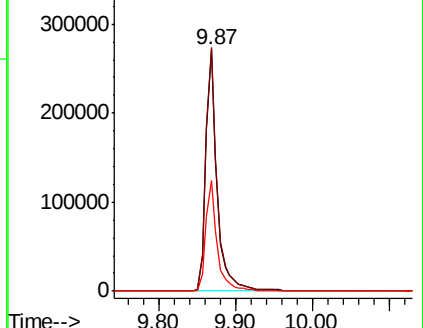
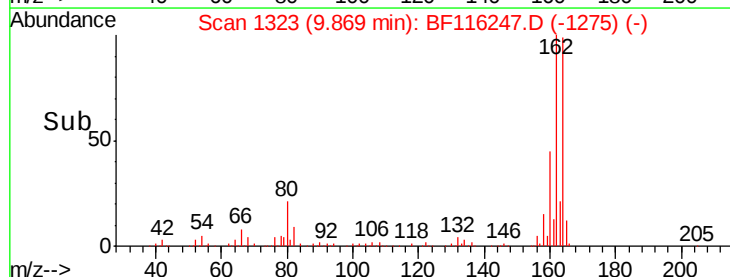
160 45.8 37.6 56.4



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: 140.474 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

Instrument :

BNA_F

ClientSampleId :

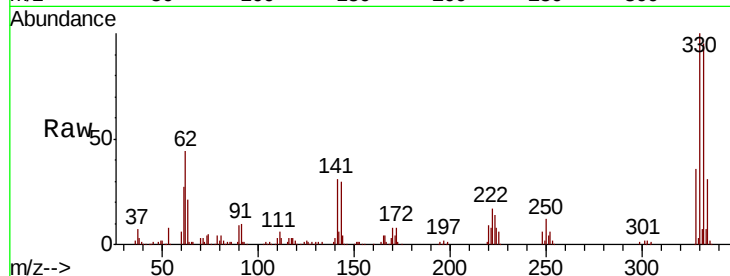
Tot Ion:330 Resp: 379451

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

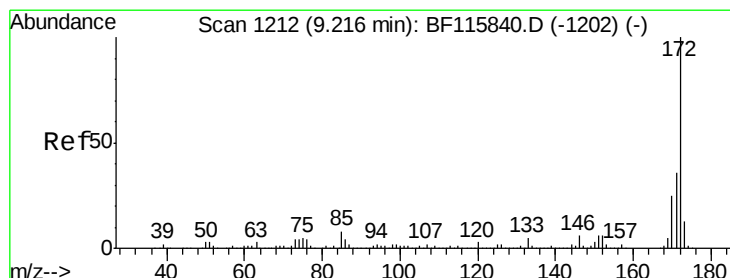
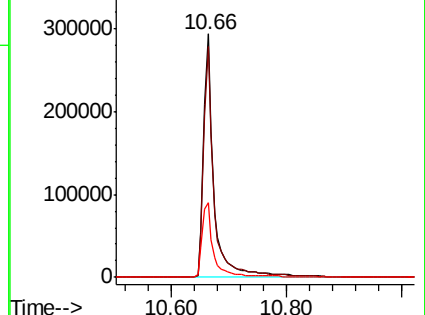
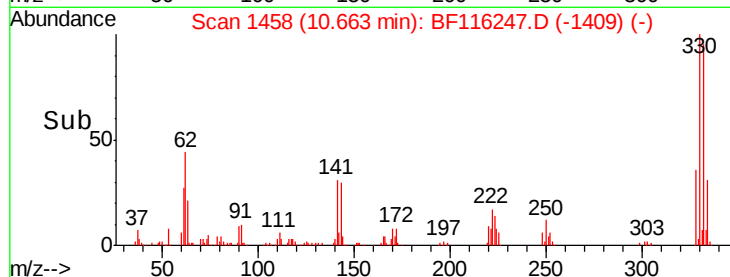
141 34.0 26.3 39.5



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: 94.411 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116247.D

Acq: 13 Aug 2019 23:02

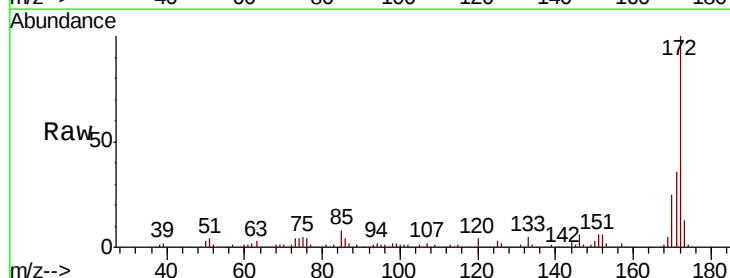
Tgt Ion:172 Resp: 1404318

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

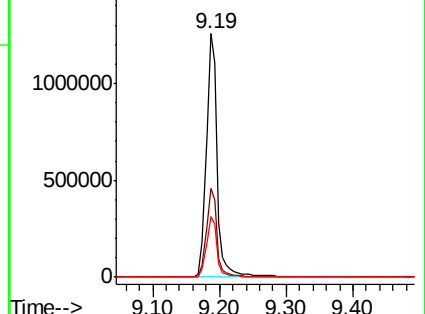
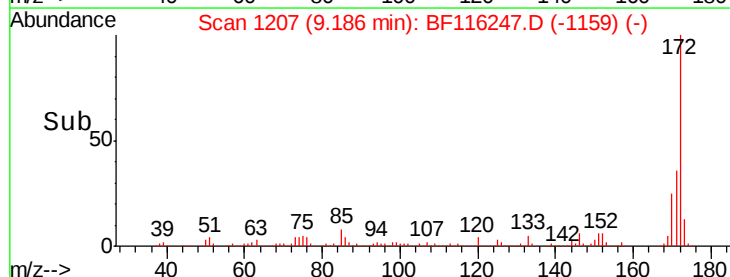
170 24.9 20.1 30.1

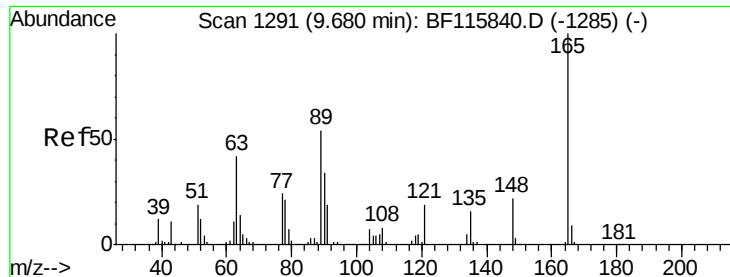


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

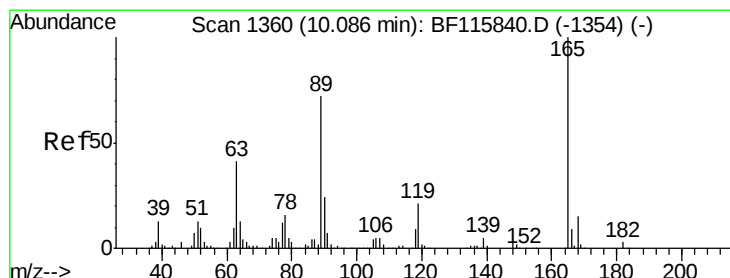
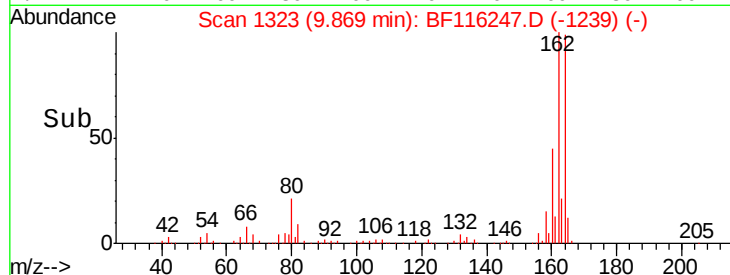
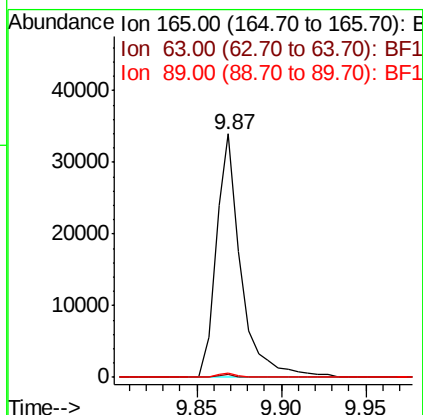
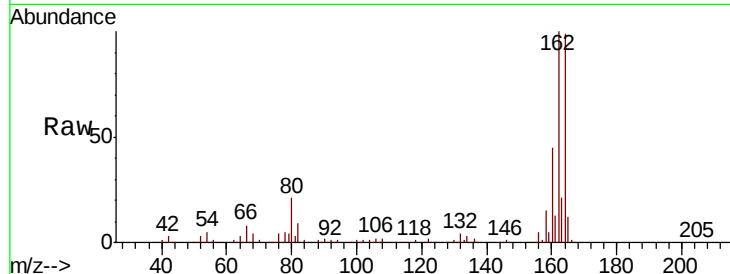




#51
 2,6-Dinitrotoluene
 Concen: 8.398 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

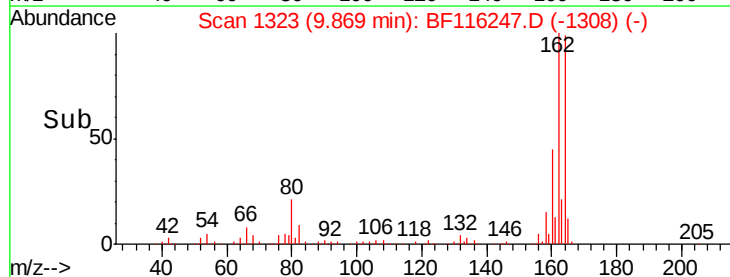
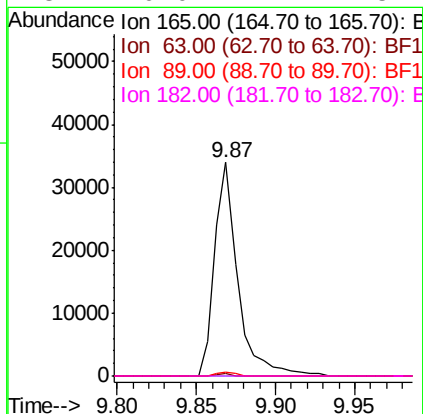
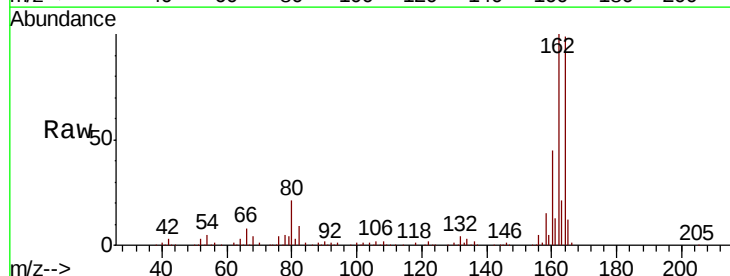
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.7	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.307 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.7	62.2	93.2#
182	0.0	2.1	3.1#

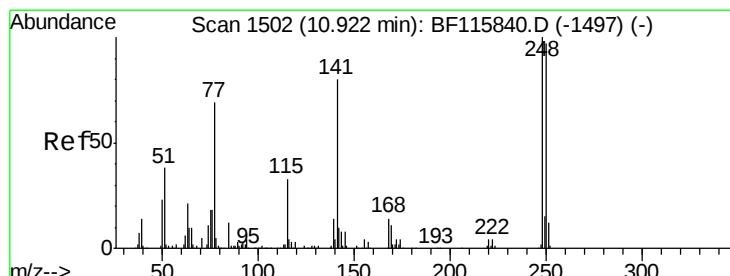
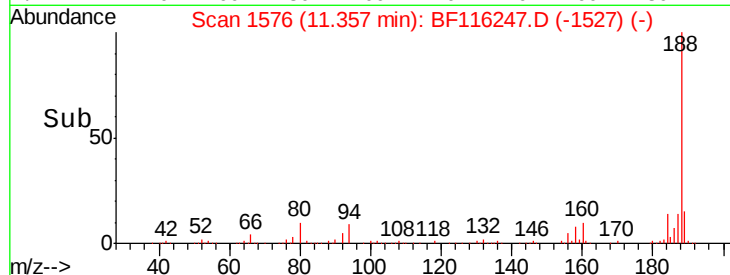
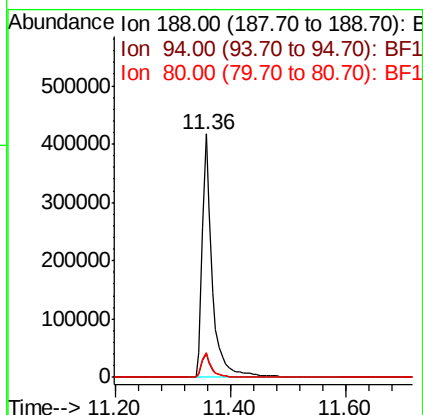
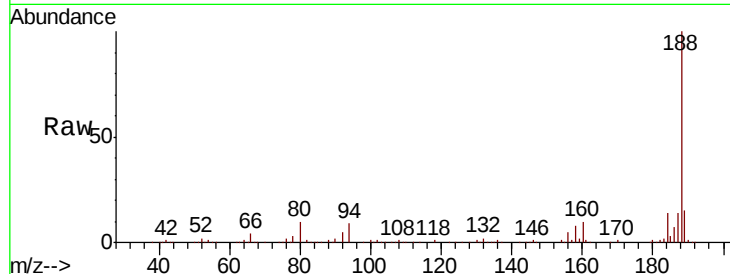




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

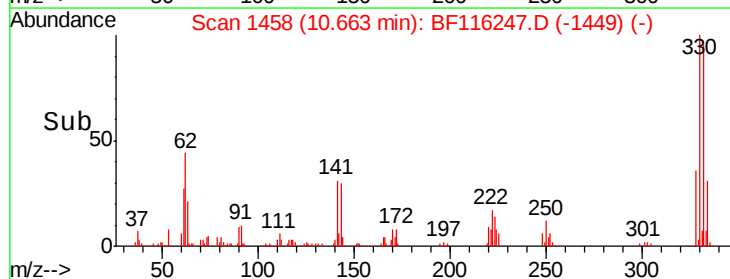
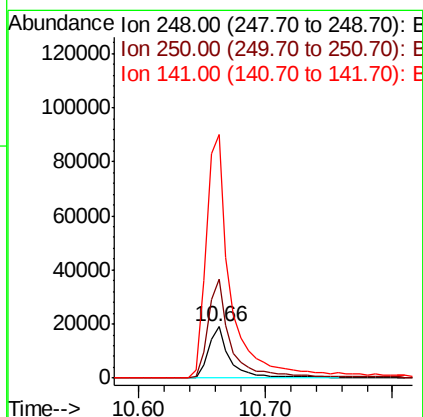
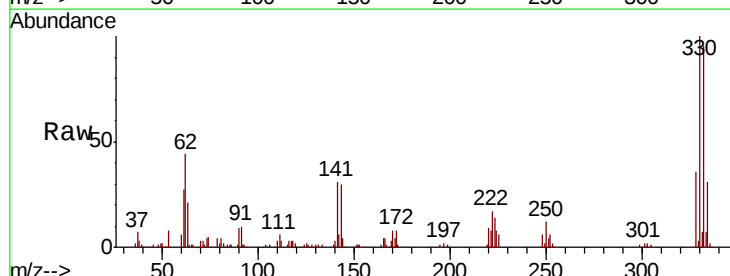
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 509796
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.1 12.1
 80 10.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.197 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Tgt Ion:248 Resp: 22904
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.4 116.2#
 141 475.1 56.8 85.2#

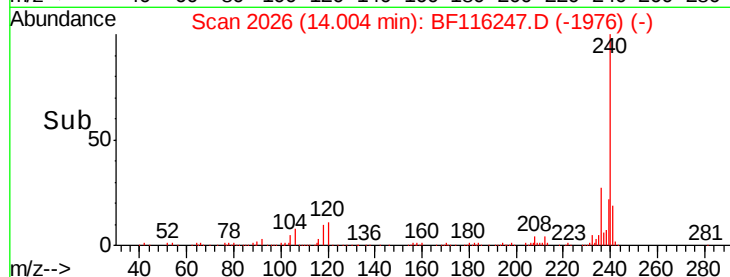
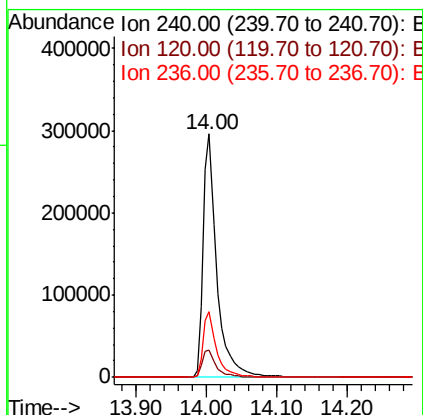
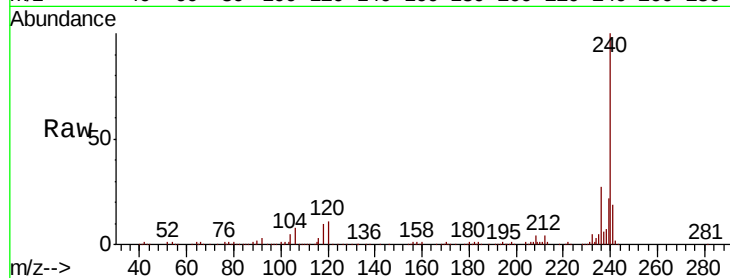




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

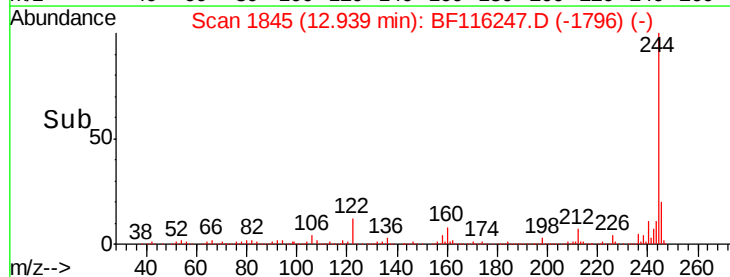
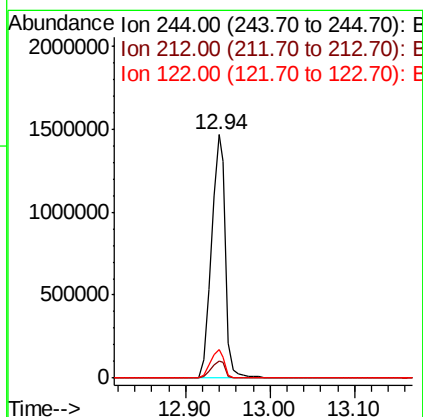
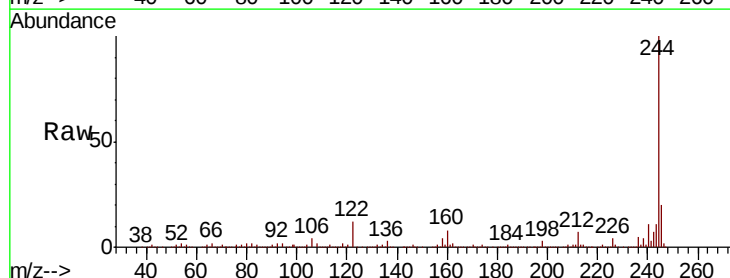
Instrument :
 BNA_F
 ClientSampleId :

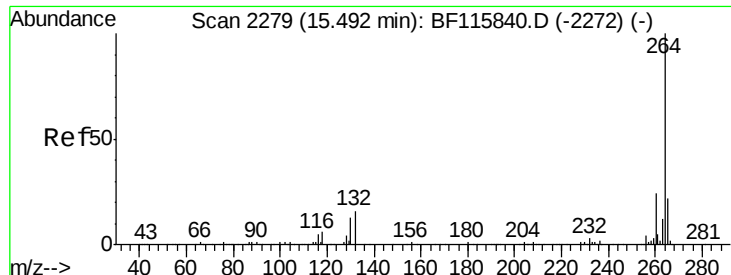
Tot Ion:240 Resp: 398732
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.7 16.1
 236 27.0 22.2 33.2



#79
 Terphenyl-d14
 Concen: 91.375 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116247.D
 Acq: 13 Aug 2019 23:02

Tgt Ion:244 Resp: 1729068
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.6 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: BF116247.D
 Acq: 13 Aug 2019 23:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	20.6	17.4	26.0

