

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113415.D
 Acq On : 29 Mar 2019 16:00
 Operator : JU/SJ
 Sample : K2121-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-1

Quant Time: Mar 30 00:54:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

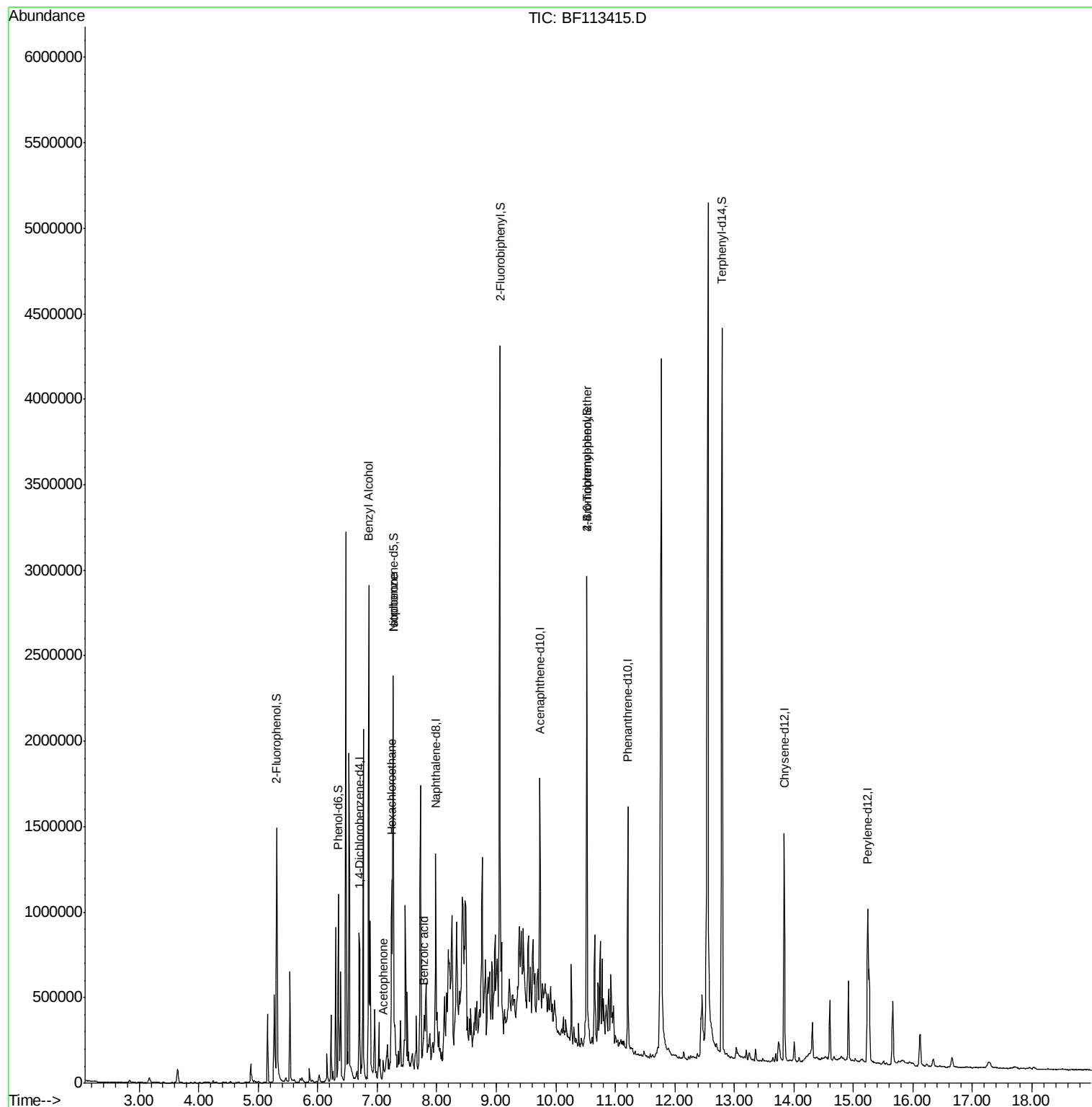
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	138761	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	517214	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	246534	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	533361	20.00	ng	0.00
76) Chrysene-d12	13.84	240	504066	20.00	ng	0.00
87) Perylene-d12	15.24	264	445899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	511588	60.28	ng	0.00
7) Phenol-d6	6.35	99	447501	41.68	ng	-0.01
23) Nitrobenzene-d5	7.27	82	755654	86.72	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	424235	139.31	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1381569	88.58	ng	0.00
79) Terphenyl-d14	12.79	244	1738292	76.01	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.86	79	14933	2.108	ng	# 47
18) Hexachloroethane	7.24	117	60083	16.310	ng	# 1
20) 3+4-Methylphenols	7.10	107	858	Below Cal		# 1
22) Acetophenone	7.10	105	28910	2.451	ng	# 56
25) Isophorone	7.27	82	755693	44.749	ng	# 64
32) Benzoic acid	7.78	122	34516	6.202	ng	96
67) 4-Bromophenyl-phenylether	10.52	248	23984	4.126	ng	# 1

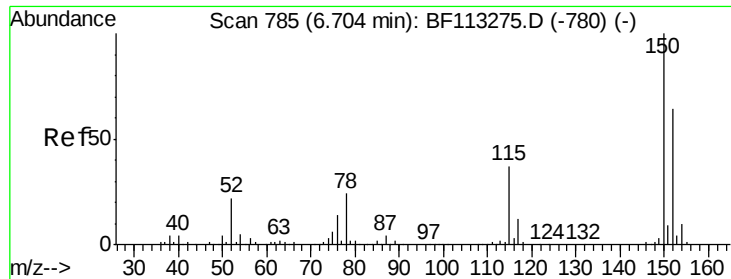
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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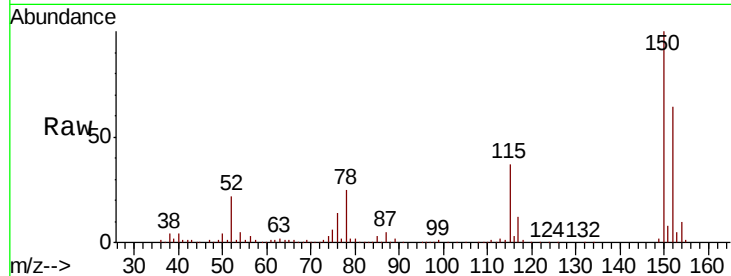


#1

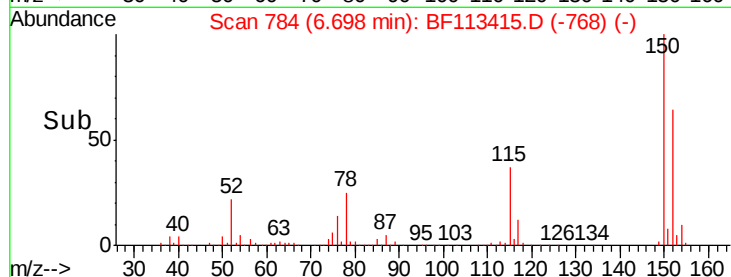
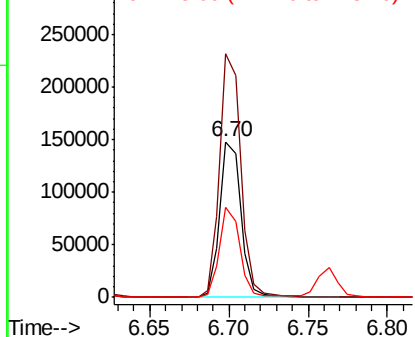
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:152 Resp: 138761
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 58.1 46.0 69.0



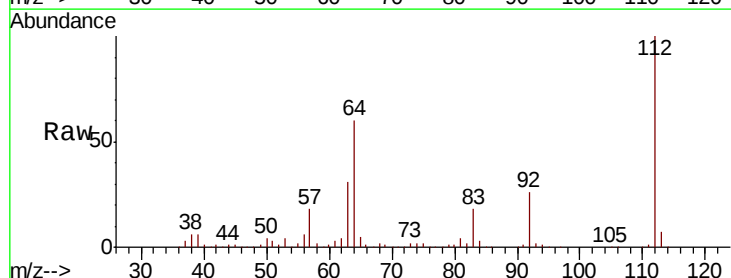
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



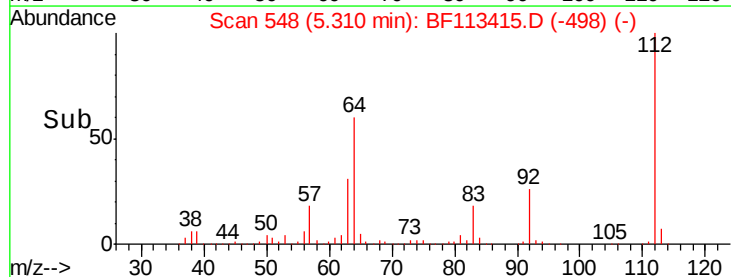
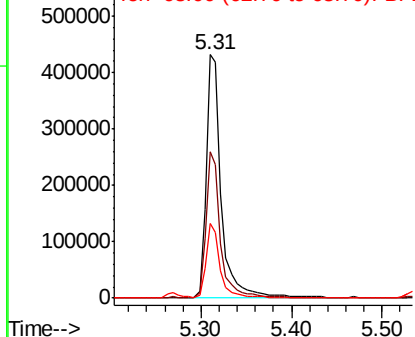
#5

2-Fluorophenol
Concen: 60.284 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:112 Resp: 511588
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 30.7 24.9 37.3



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: 41.684 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

Instrument :

BNA_F

ClientSampleId :

TW-1

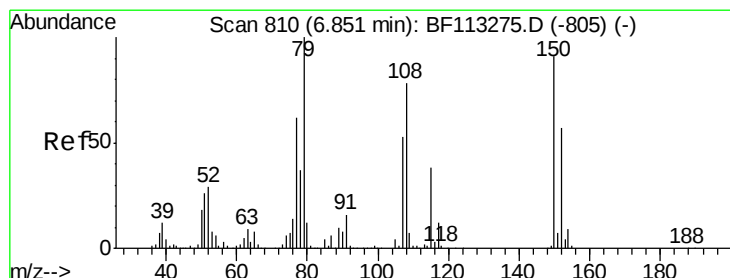
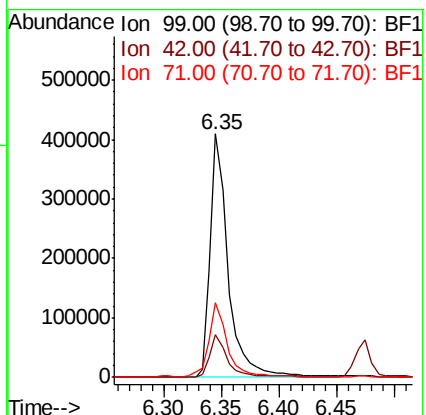
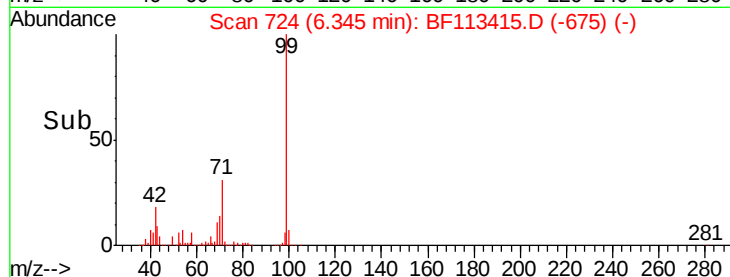
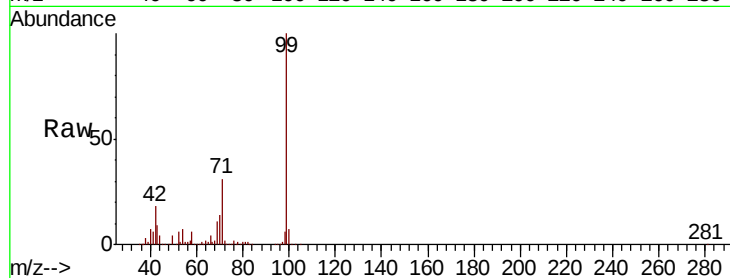
Tgt Ion: 99 Resp: 447501

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

71 30.7 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.108 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

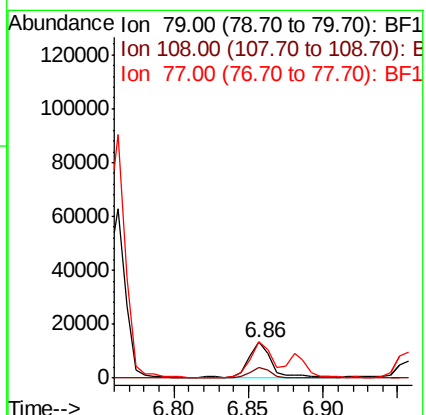
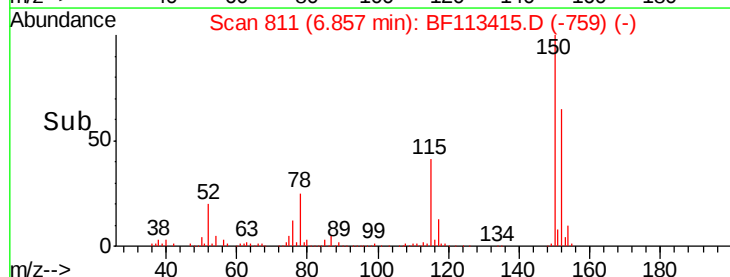
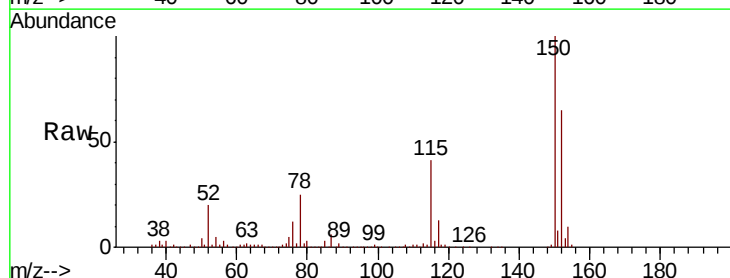
Tgt Ion: 79 Resp: 14933

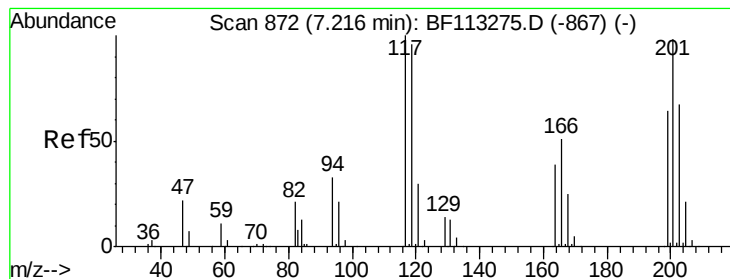
Ion Ratio Lower Upper

79 100

108 31.0 62.0 93.0#

77 102.7 49.9 74.9#





#18

Hexachloroethane

Concen: 16.310 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

Instrument :

BNA_F

ClientSampleId :

TW-1

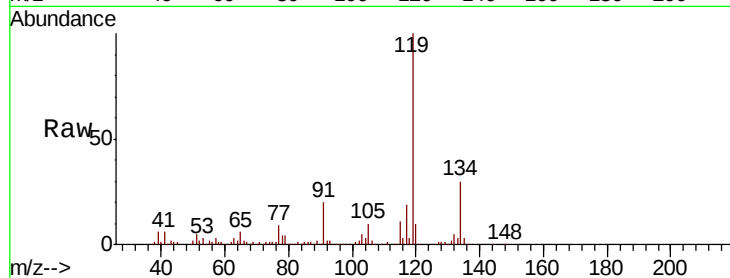
Tgt Ion:117 Resp: 60083

Ion Ratio Lower Upper

117 100

119 530.2 76.9 115.3#

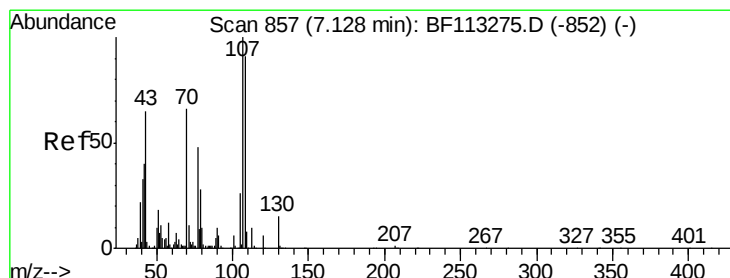
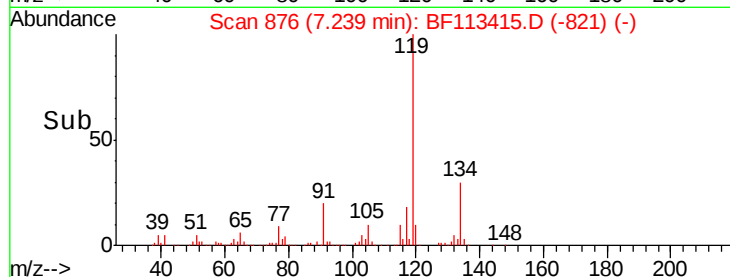
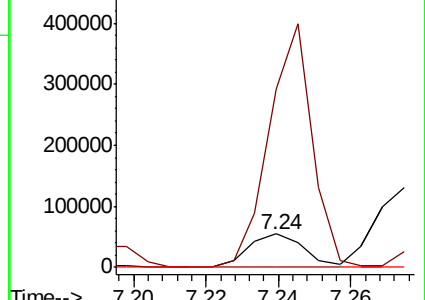
201 0.0 78.7 118.1#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.10 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF113415.D

Acq: 29 Mar 2019 16:00

Tgt Ion:107 Resp: 858

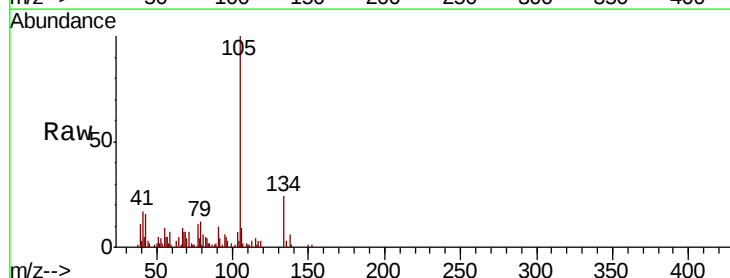
Ion Ratio Lower Upper

107 100

108 0.0 71.4 111.4#

77 664.1 33.5 73.5#

79 696.3 8.3 48.3#

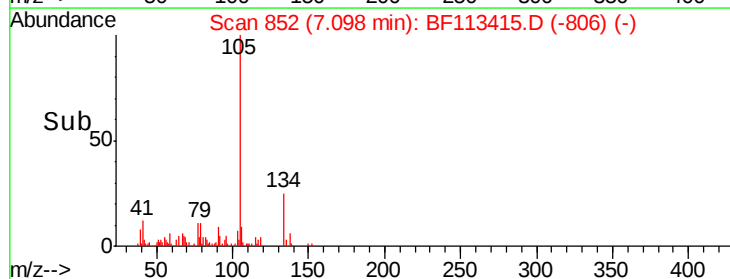
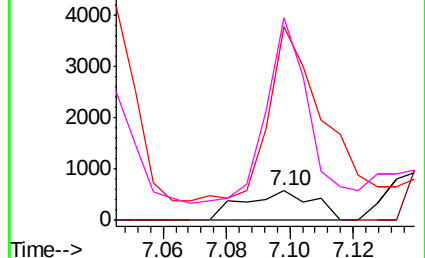


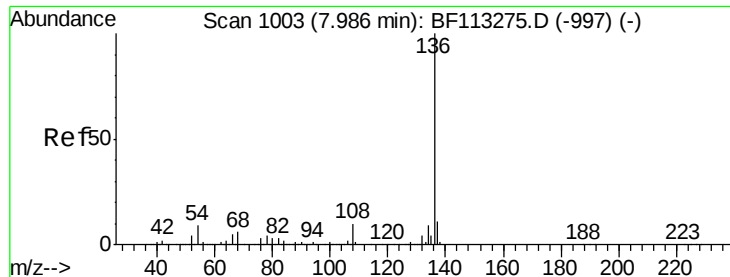
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

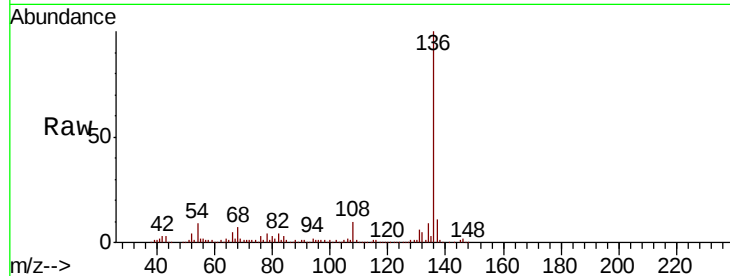




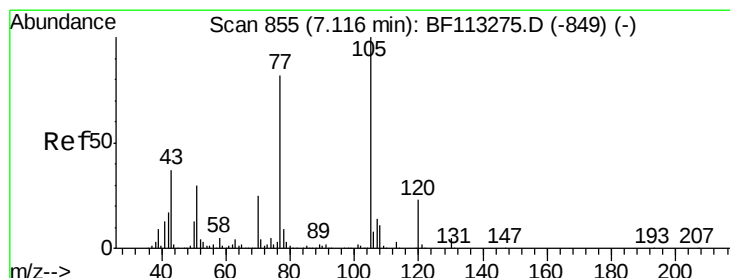
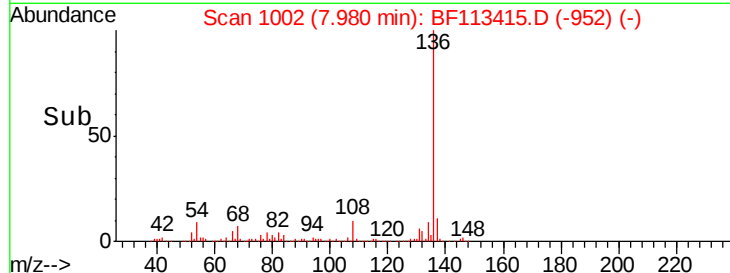
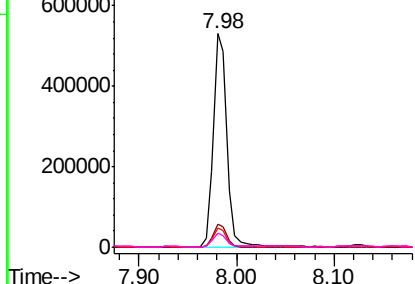
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:	136	Resp:	517214
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	7.0	10.6
68	6.7	4.8	7.2

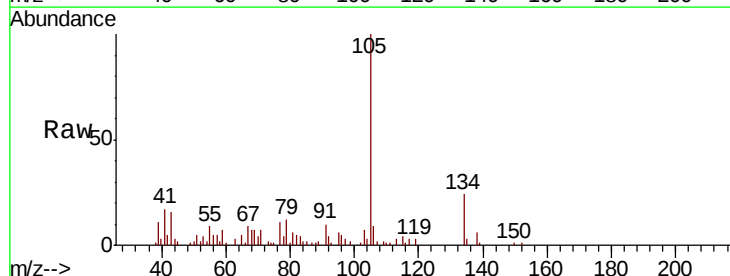


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

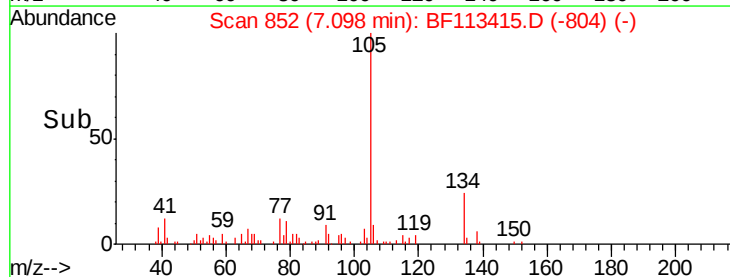
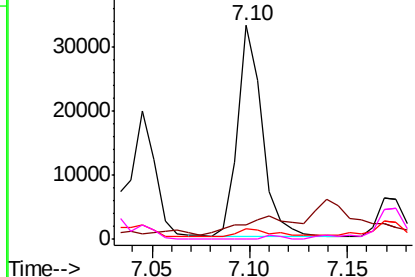


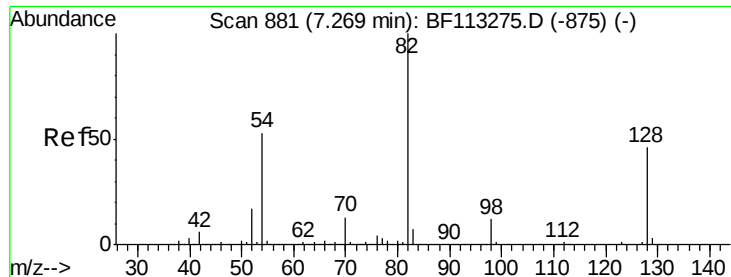
#22
Acetophenone
Concen: 2.451 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:	105	Resp:	28910
Ion	Ratio	Lower	Upper
105	100		
71	6.6	3.3	4.9#
51	4.7	24.2	36.2#
120	0.0	18.1	27.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

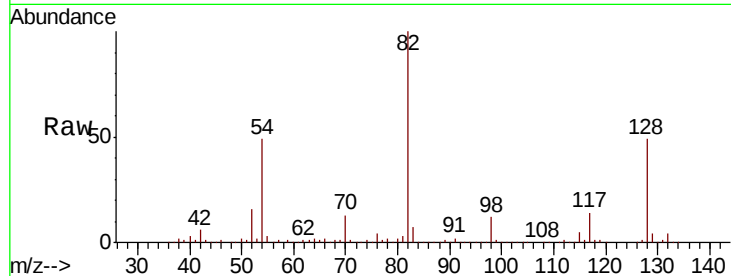




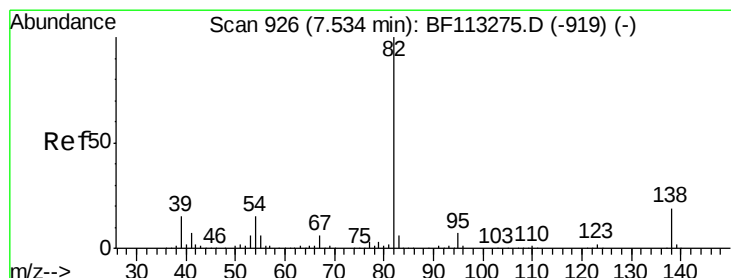
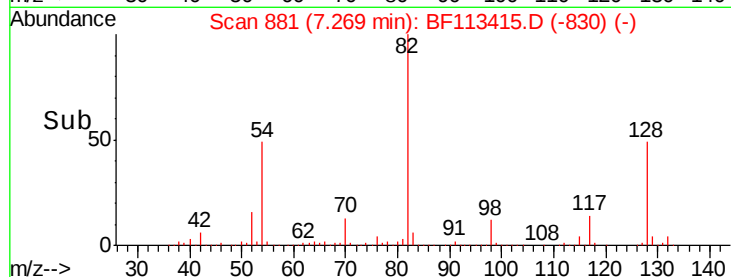
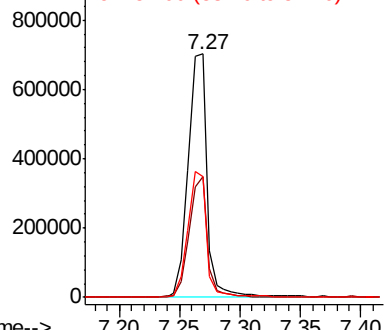
#23
 Nitrobenzene-d5
 Concen: 86.717 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113415.D
 Acq: 29 Mar 2019 16:00

Instrument :
 BNA_F
 ClientSampled :
 TW-1

Tgt Ion: 82 Resp: 755654
 Ion Ratio Lower Upper
 82 100
 128 49.3 36.5 54.7
 54 49.4 42.2 63.2

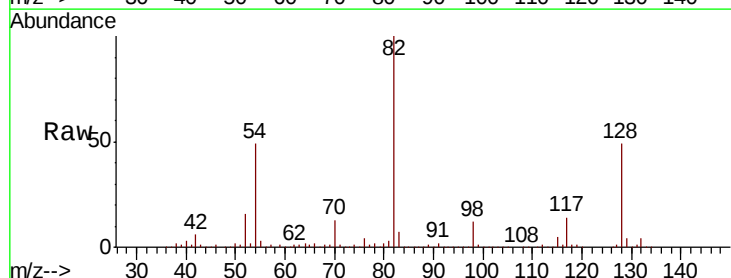


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

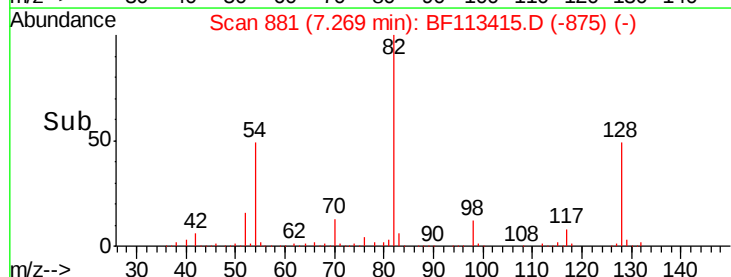
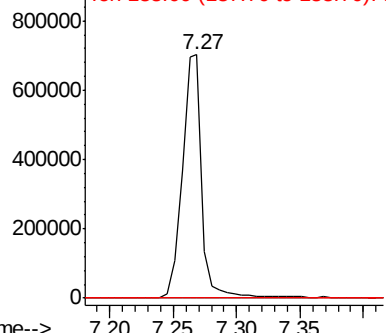


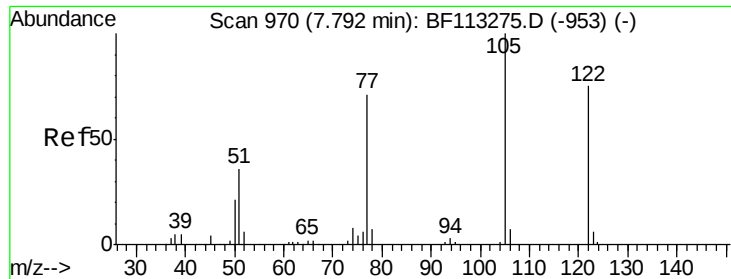
#25
 Isophorone
 Concen: 44.749 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.26 min
 Lab File: BF113415.D
 Acq: 29 Mar 2019 16:00

Tgt Ion: 82 Resp: 755693
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.5 8.3#
 138 0.0 15.2 22.8#



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

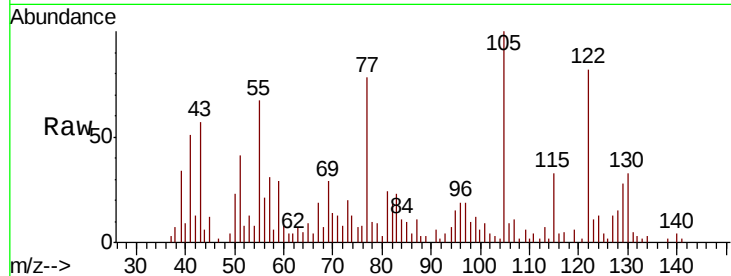




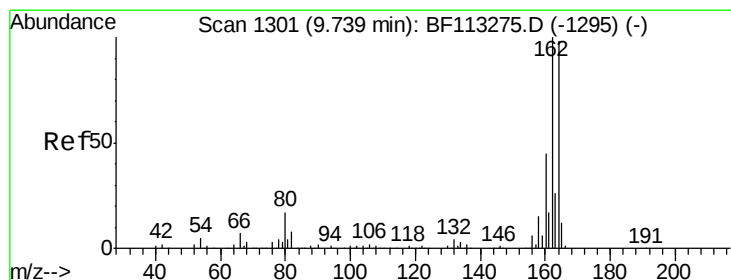
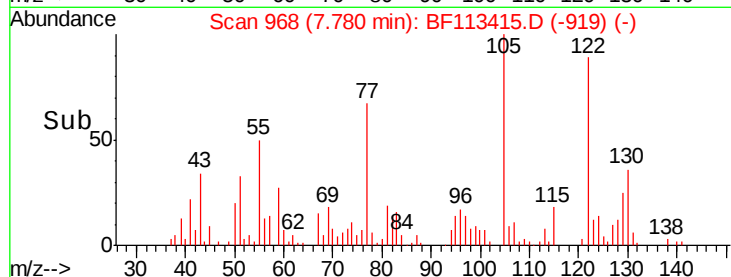
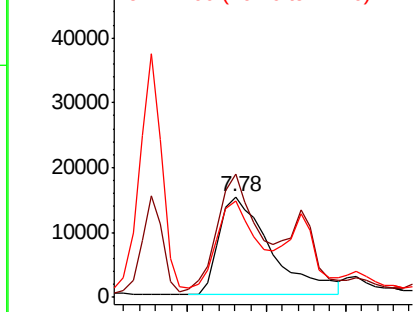
#32
Benzoic acid
Concen: 6.202 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:122 Resp: 34516
Ion Ratio Lower Upper
122 100
105 122.3 100.4 140.4
77 95.6 69.0 109.0

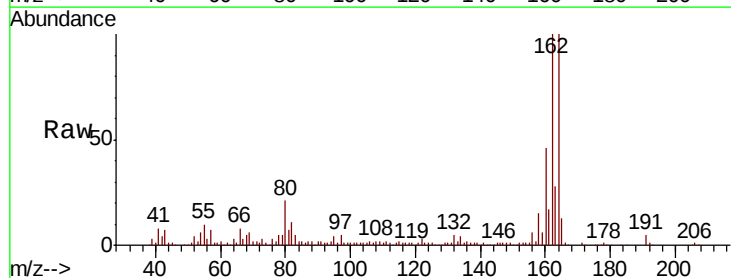


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

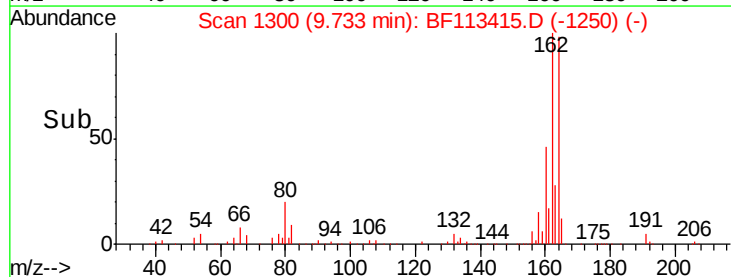
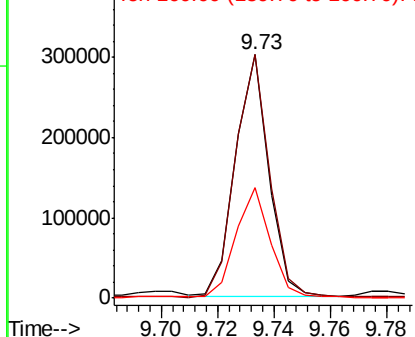


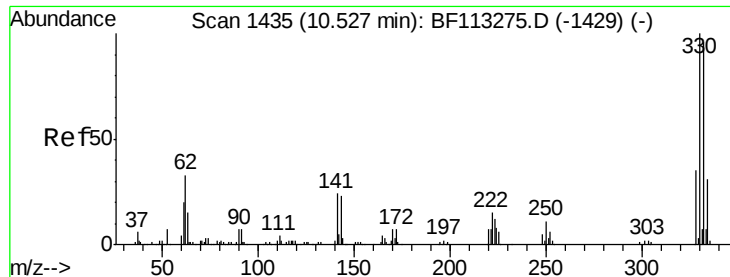
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:164 Resp: 246534
Ion Ratio Lower Upper
164 100
162 99.8 81.8 122.6
160 45.6 36.4 54.6



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

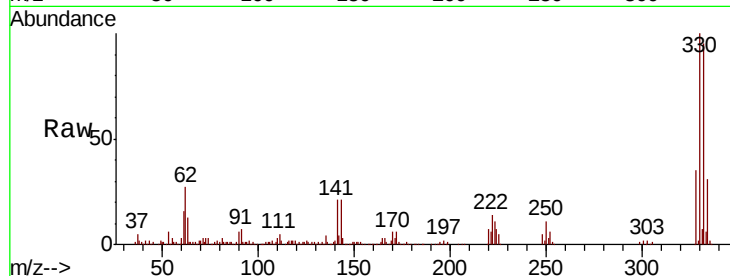




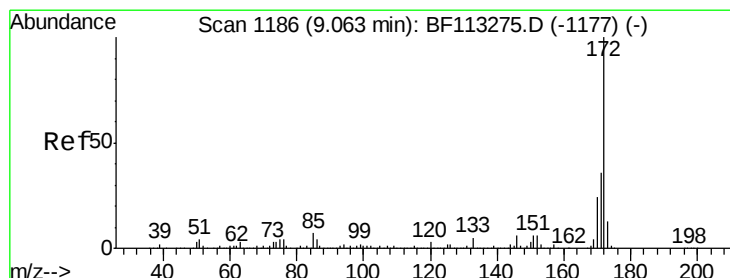
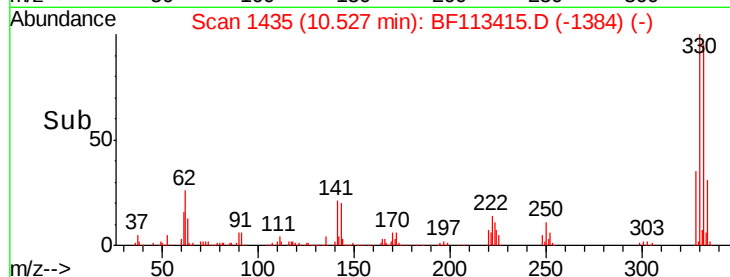
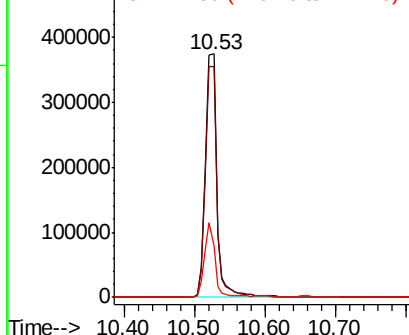
#42
 2,4,6-Tribromophenol
 Concen: 139.310 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113415.D
 Acq: 29 Mar 2019 16:00

Instrument :
 BNA_F
 ClientSampled :
 TW-1

Tgt Ion:330 Resp: 424235
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.8 116.6
 141 27.0 22.7 34.1

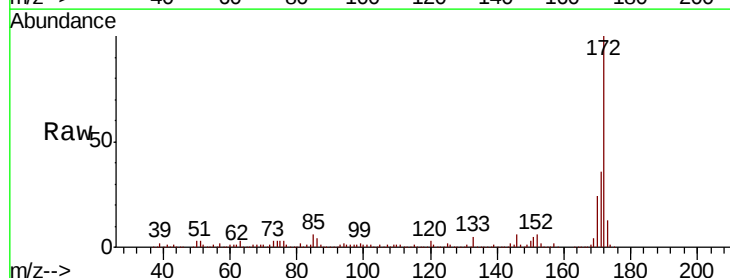


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

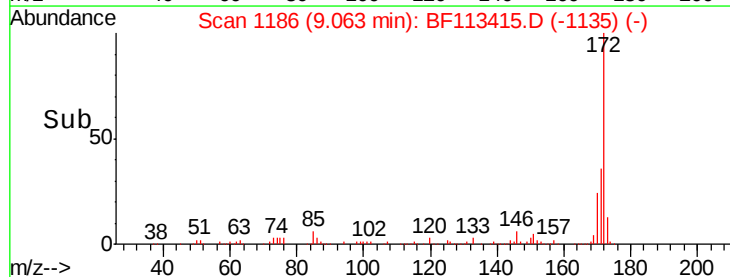
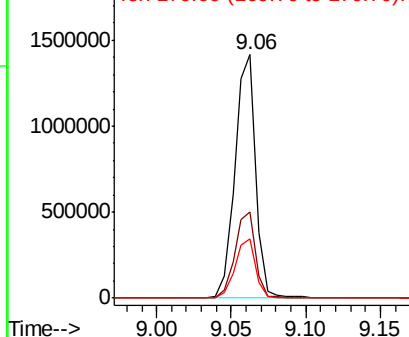


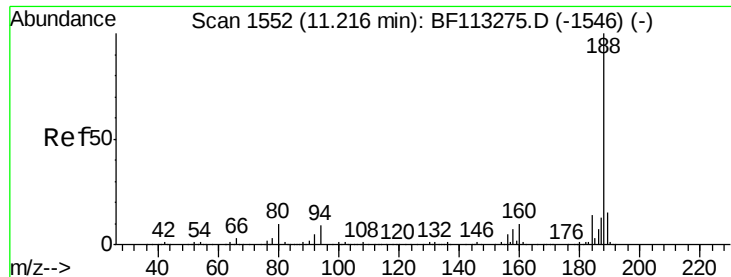
#45
 2-Fluorobiphenyl
 Concen: 88.576 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113415.D
 Acq: 29 Mar 2019 16:00

Tgt Ion:172 Resp: 1381569
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.4 19.5 29.3



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

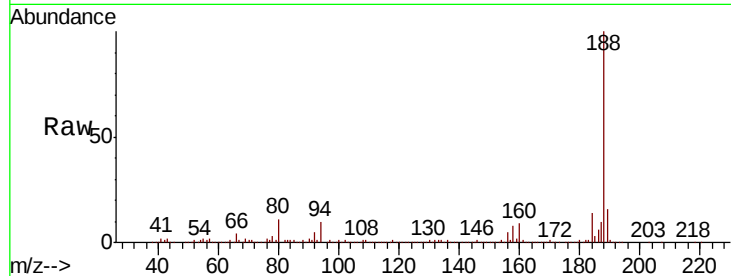




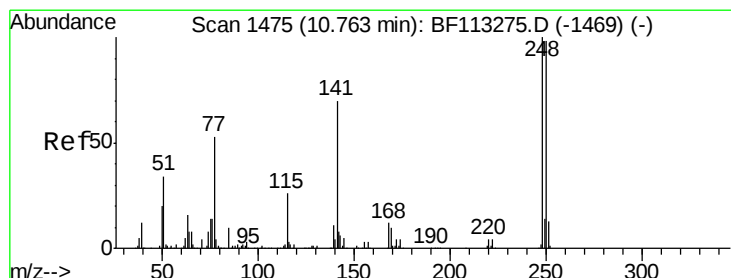
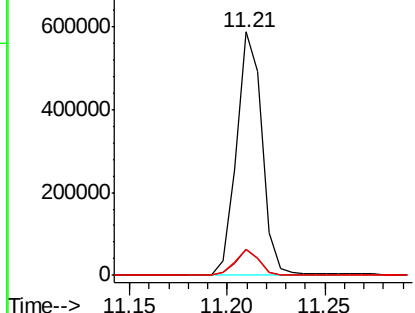
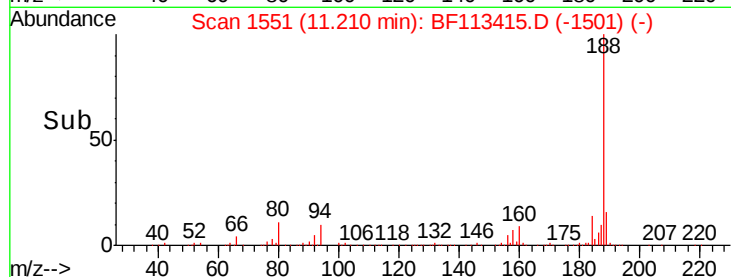
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion:188 Resp: 533361
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.8 7.7 11.5

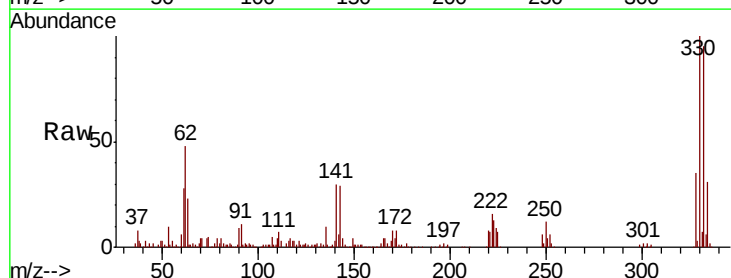


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

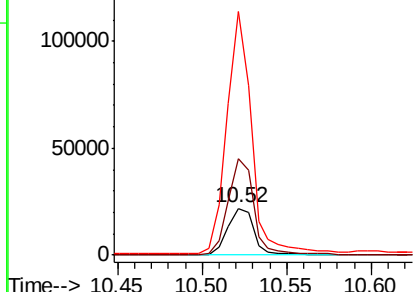
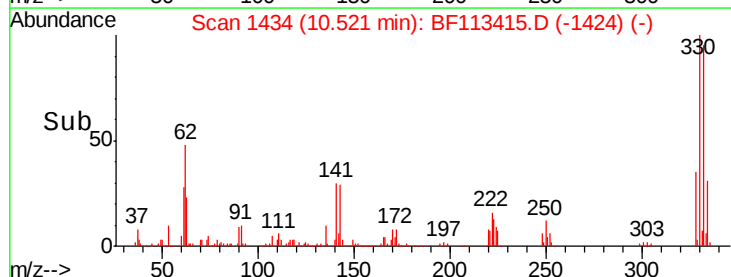


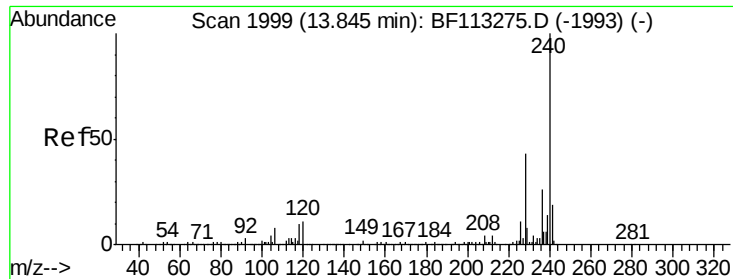
#67
4-Bromophenyl-phenylether
Concen: 4.126 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:248 Resp: 23984
Ion Ratio Lower Upper
248 100
250 205.0 78.3 117.5#
141 519.4 56.2 84.4#



Abundance Ion 248.00 (247.70 to 248.70): E
150000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

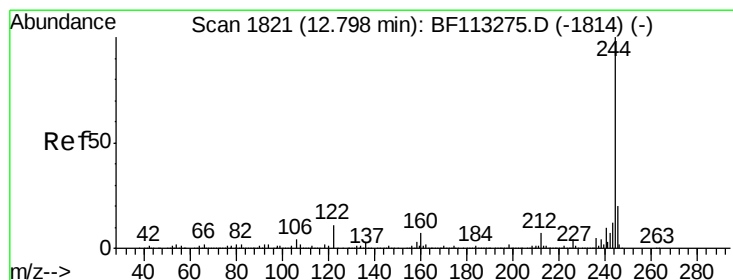
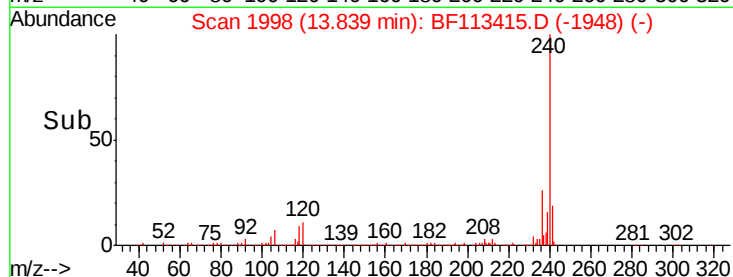
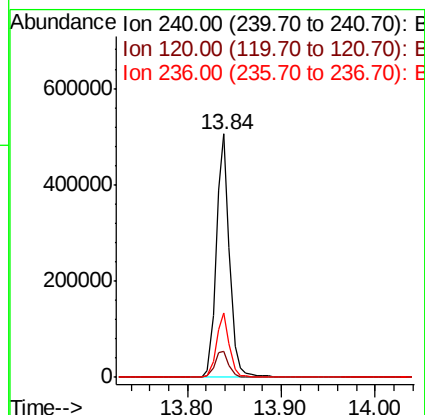
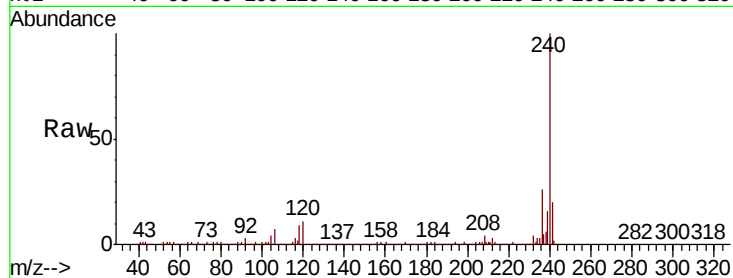




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

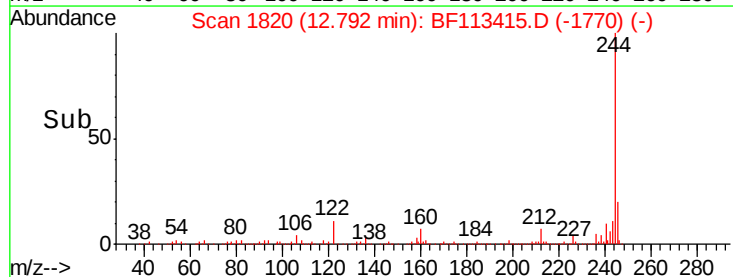
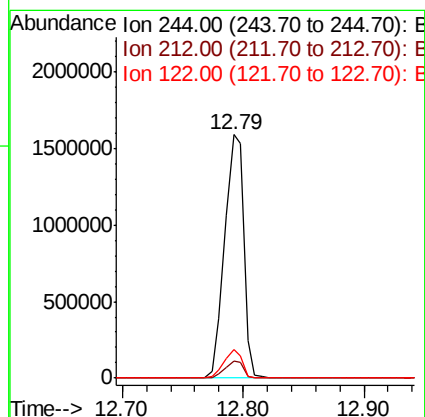
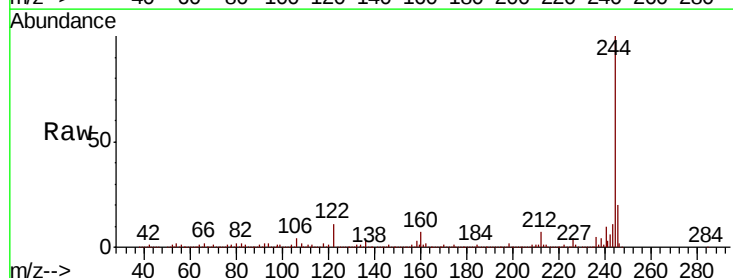
Instrument :
BNA_F
ClientSampleId :
TW-1

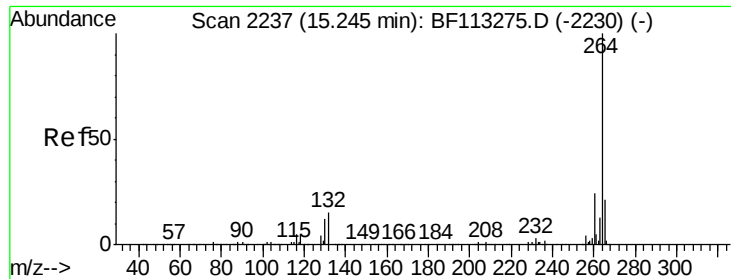
Tgt Ion:240 Resp: 504066
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 76.012 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Tgt Ion:244 Resp: 1738292
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 11.5 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113415.D
Acq: 29 Mar 2019 16:00

Instrument :
BNA_F
ClientSampleId :
TW-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.5	17.1	25.7

