

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113422.D
 Acq On : 29 Mar 2019 19:24
 Operator : JU/SJ
 Sample : K2121-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Mar 30 00:57:16 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

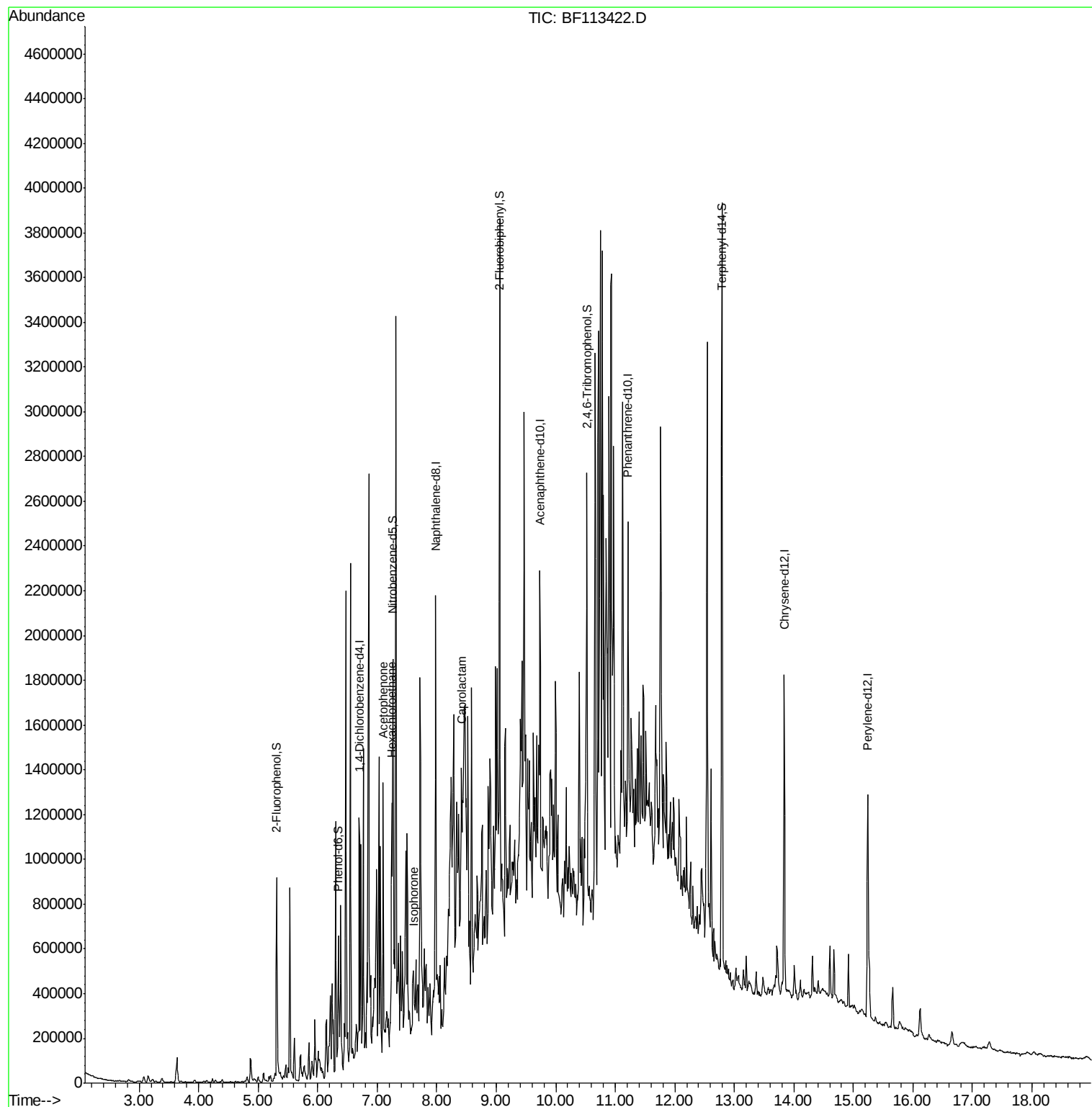
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	138105	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	506192	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	266394	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	546489	20.00	ng	0.00
76) Chrysene-d12	13.84	240	502501	20.00	ng	0.00
87) Perylene-d12	15.24	264	495950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	308828	36.56	ng	0.00
7) Phenol-d6	6.35	99	259896	24.32	ng	-0.01
23) Nitrobenzene-d5	7.26	82	546778	64.11	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	287702	87.43	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1026794	53.98	ng	0.00
79) Terphenyl-d14	12.79	244	1282141	56.24	ng	0.00
Target Compounds						
18) Hexachloroethane	7.24	117	33912	9.249	ng	# 1
20) 3+4-Methylphenols	7.15	107	3303	Below Cal		# 75
22) Acetophenone	7.10	105	92956	8.052	ng	# 39
25) Isophorone	7.61	82	38899	2.354	ng	# 67
35) Caprolactam	8.42	113	14438	6.135	ng	# 1

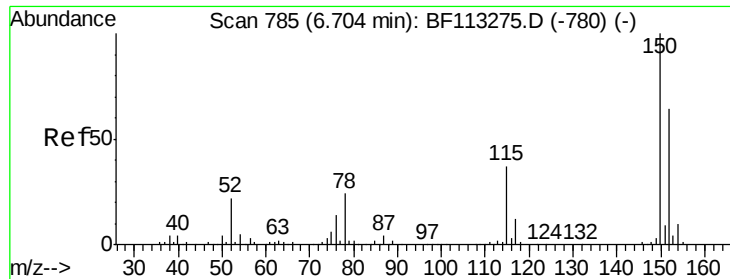
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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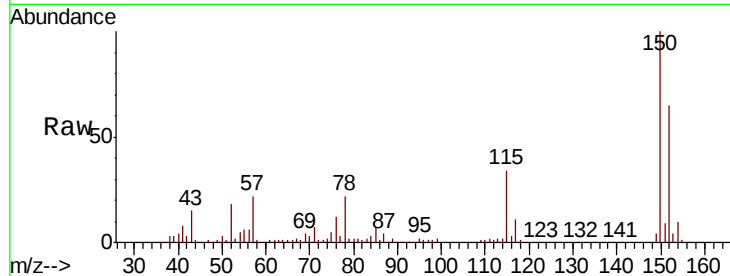


#1

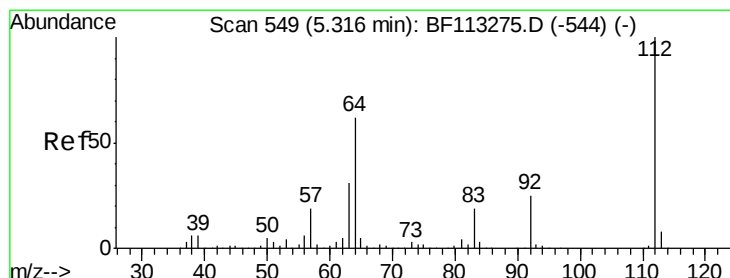
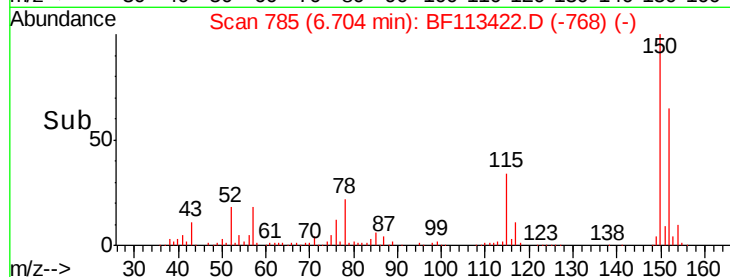
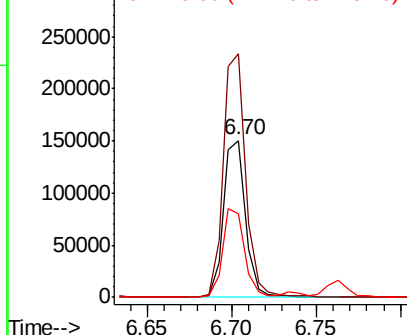
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 138105
Ion Ratio Lower Upper
152 100
150 155.0 124.7 187.1
115 53.1 46.0 69.0



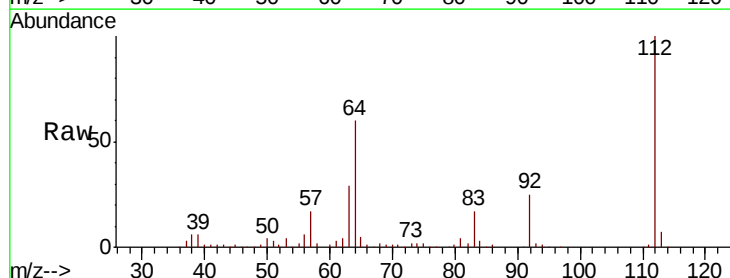
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



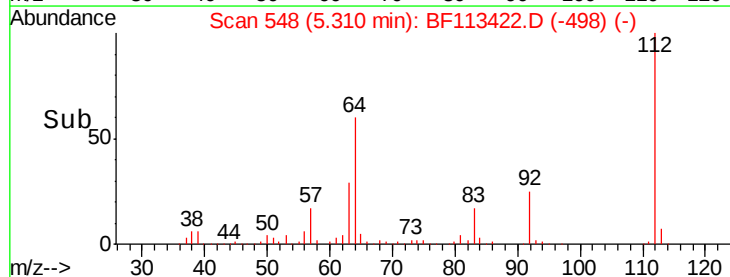
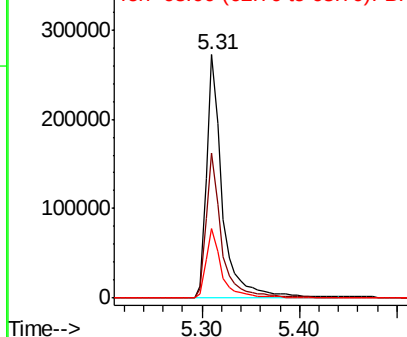
#5

2-Fluorophenol
Concen: 36.564 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

Tgt Ion:112 Resp: 308828
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 28.5 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: 24.324 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113422.D

Acq: 29 Mar 2019 19:24

Instrument :

BNA_F

ClientSampleId :

MW-11

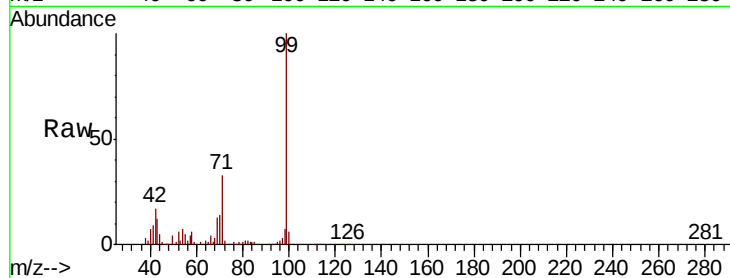
Tgt Ion: 99 Resp: 259896

Ion Ratio Lower Upper

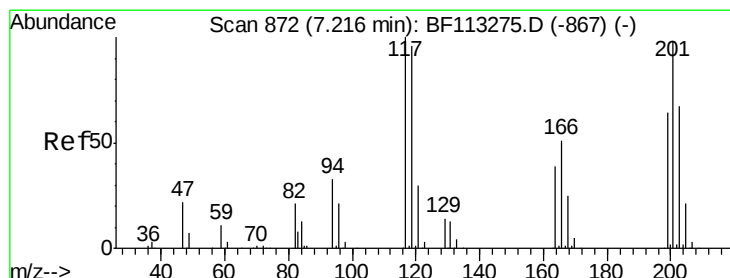
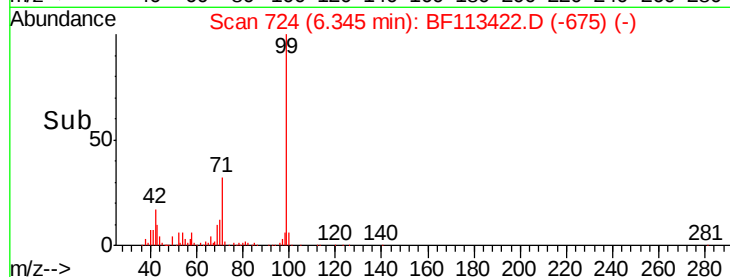
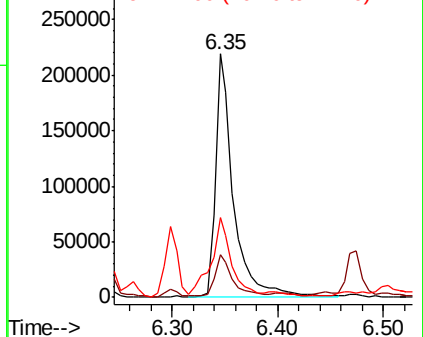
99 100

42 17.5 14.8 22.2

71 32.8 24.9 37.3



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



#18

Hexachloroethane

Concen: 9.249 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.02 min

Lab File: BF113422.D

Acq: 29 Mar 2019 19:24

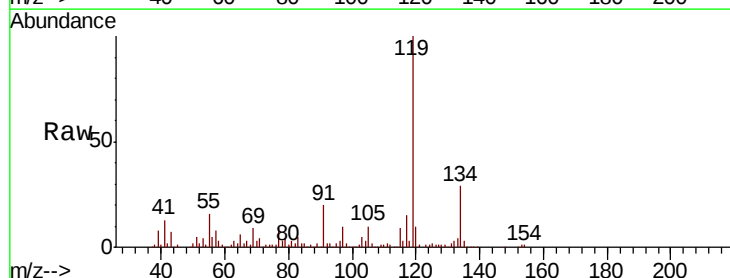
Tgt Ion: 117 Resp: 33912

Ion Ratio Lower Upper

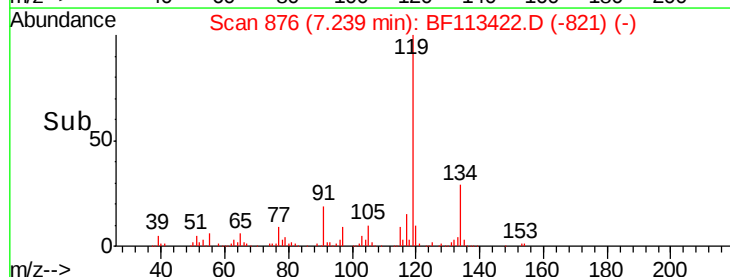
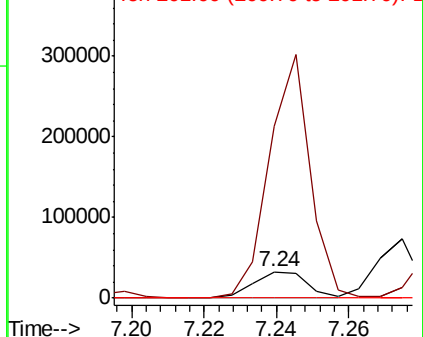
117 100

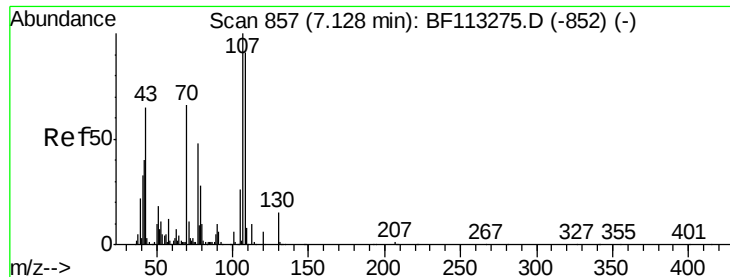
119 650.8 76.9 115.3#

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

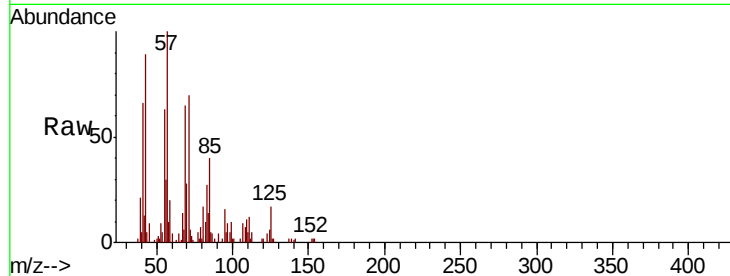




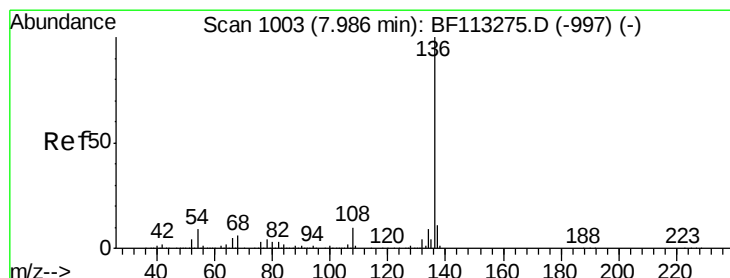
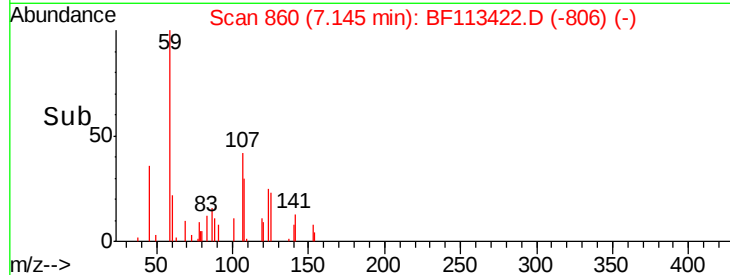
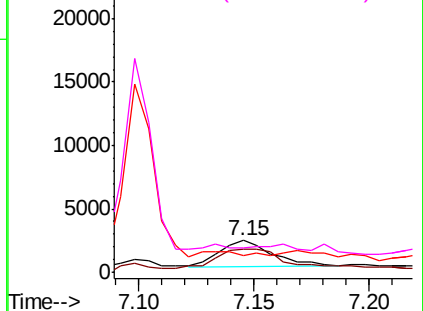
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 860
Delta R.T. 0.02 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

Instrument :
BNA_F
ClientSampled :
MW-11

Tgt Ion:107 Resp: 3303
Ion Ratio Lower Upper
107 100
108 73.7 71.4 111.4
77 53.1 33.5 73.5
79 77.0 8.3 48.3#

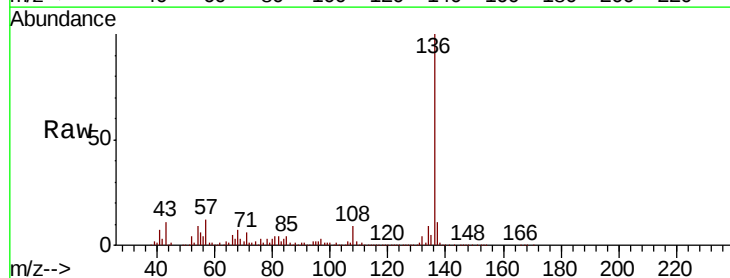


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

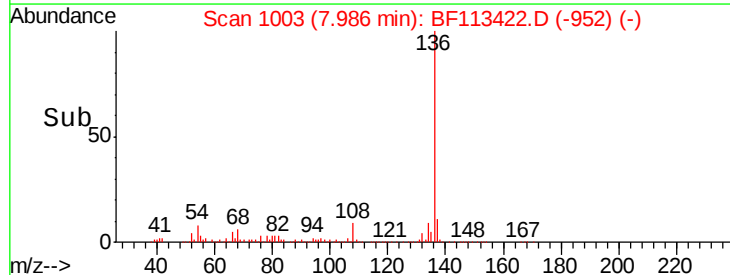
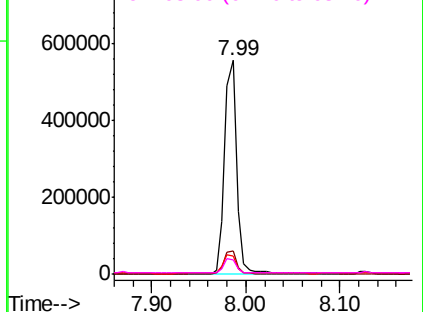


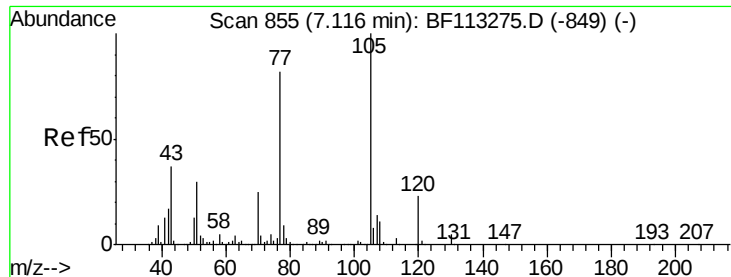
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

Tgt Ion:136 Resp: 506192
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.5 7.0 10.6
68 6.6 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: 8.052 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF113422.D

Acq: 29 Mar 2019 19:24

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion: 105 Resp: 92956

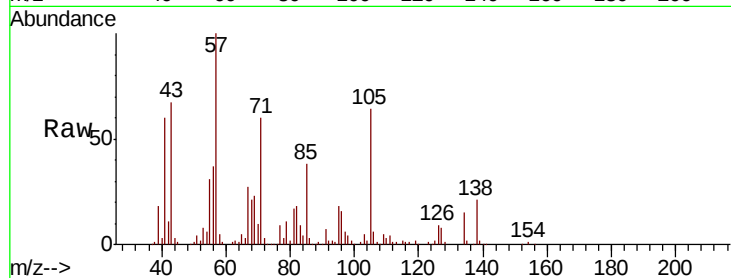
Ion Ratio Lower Upper

105 100

71 94.4 3.3 4.9#

51 6.3 24.2 36.2#

120 0.3 18.1 27.1#

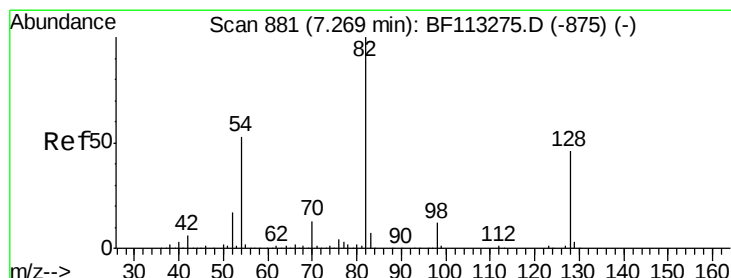
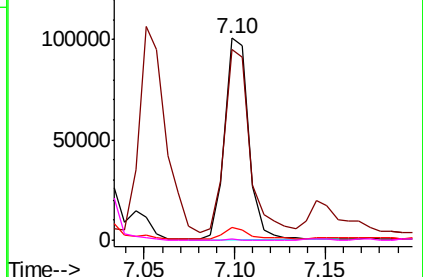
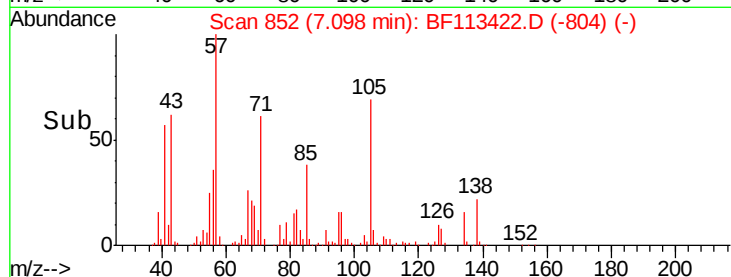


Abundance Ion 105.00 (104.70 to 105.70): E

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: 64.113 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113422.D

Acq: 29 Mar 2019 19:24

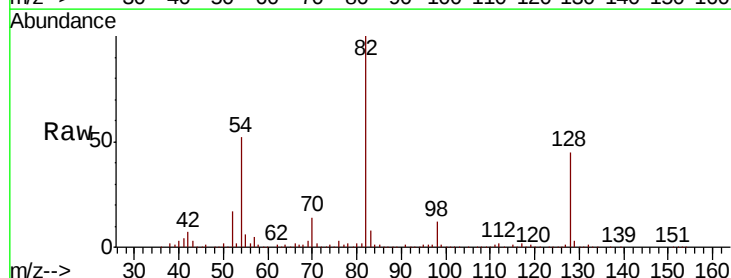
Tgt Ion: 82 Resp: 546778

Ion Ratio Lower Upper

82 100

128 44.9 36.5 54.7

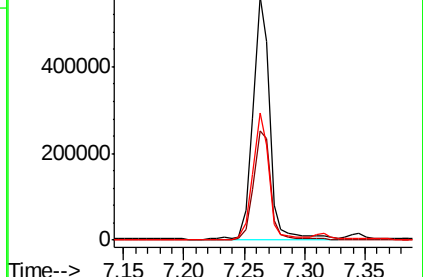
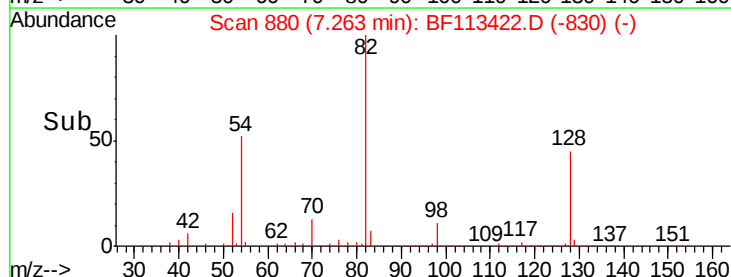
54 52.3 42.2 63.2

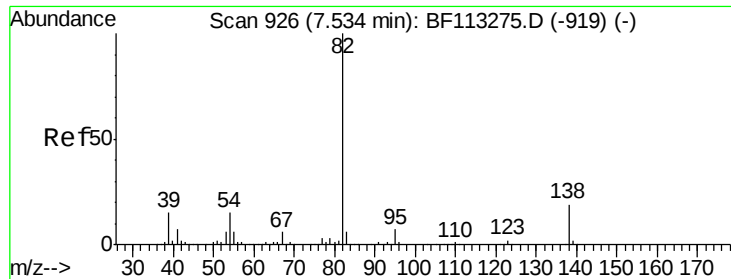


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

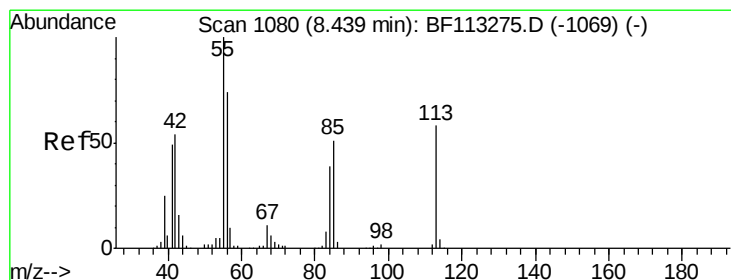
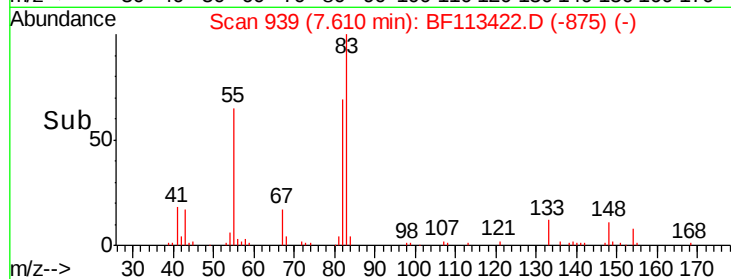
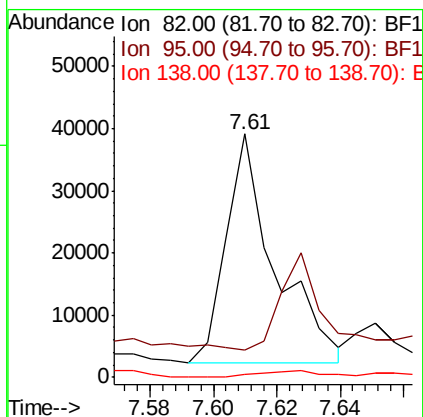
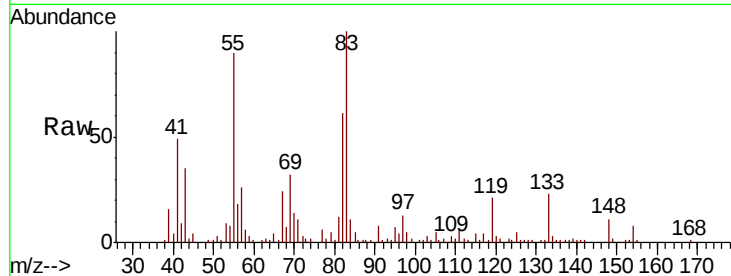




#25
Isophorone
Concen: 2.354 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.08 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

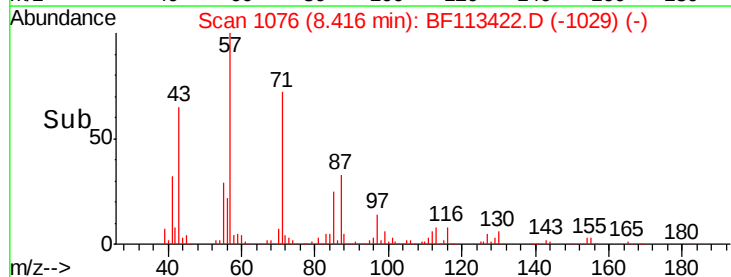
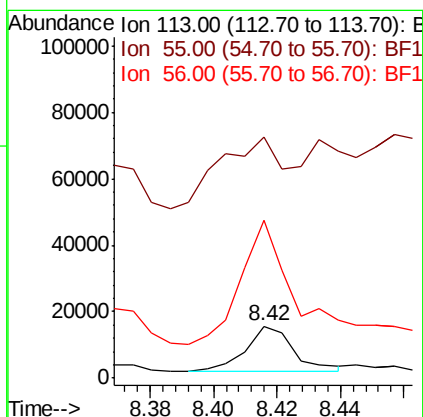
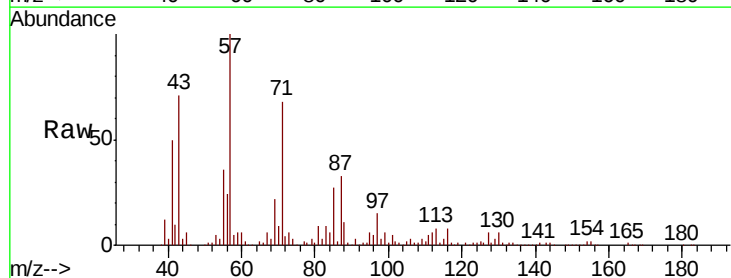
Instrument :
BNA_F
ClientSampled :
MW-11

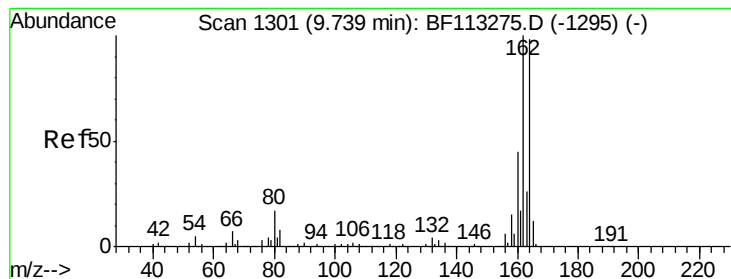
Tgt Ion: 82 Resp: 38899
Ion Ratio Lower Upper
82 100
95 11.2 5.5 8.3#
138 1.0 15.2 22.8#



#35
Caprolactam
Concen: 6.135 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

Tgt Ion: 113 Resp: 14438
Ion Ratio Lower Upper
113 100
55 466.1 152.7 192.7#
56 305.4 108.3 148.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113422.D

Acq: 29 Mar 2019 19:24

Instrument :

BNA_F

ClientSampleId :

MW-11

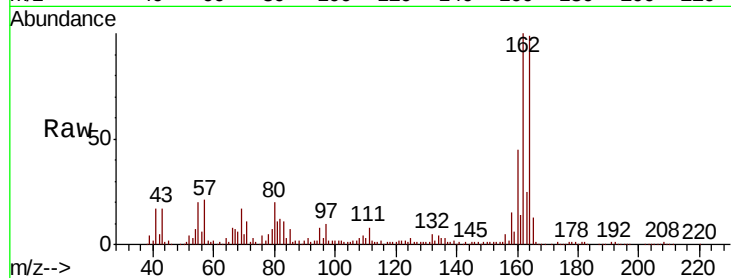
Tgt Ion:164 Resp: 266394

Ion Ratio Lower Upper

164 100

162 101.3 81.8 122.6

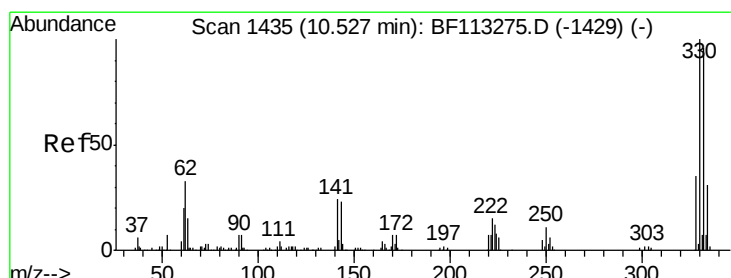
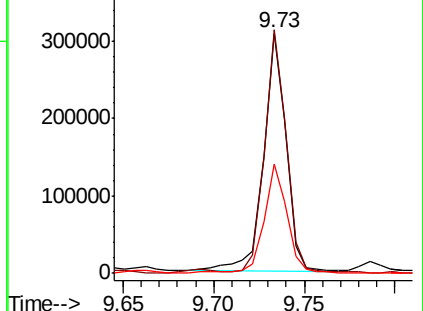
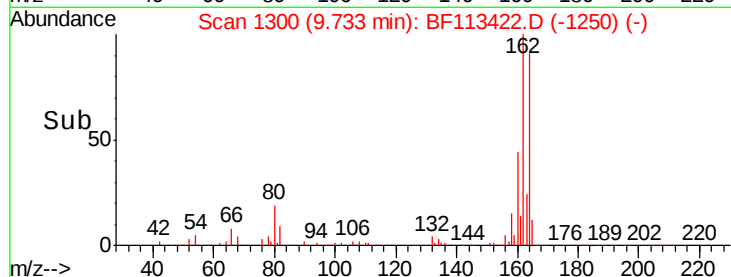
160 45.3 36.4 54.6



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: 87.432 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113422.D

Acq: 29 Mar 2019 19:24

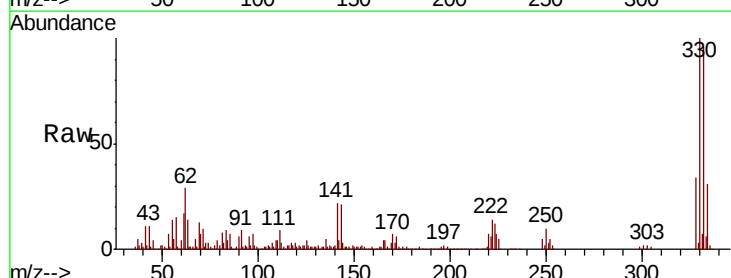
Tgt Ion:330 Resp: 287702

Ion Ratio Lower Upper

330 100

332 95.4 77.8 116.6

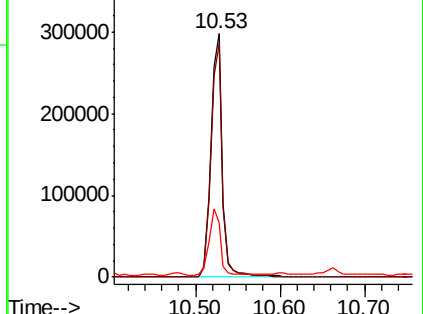
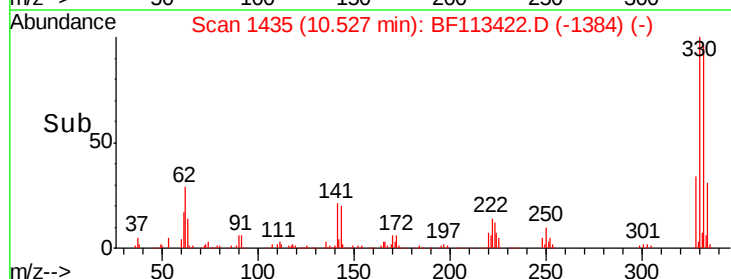
141 27.2 22.7 34.1

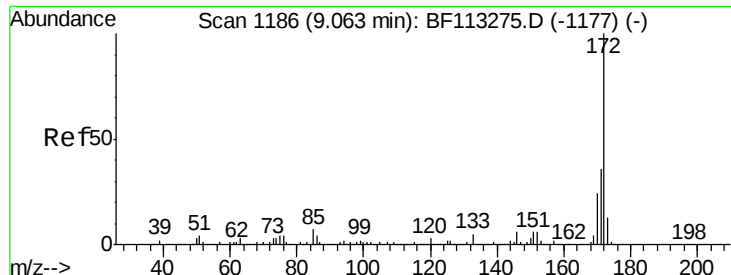


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



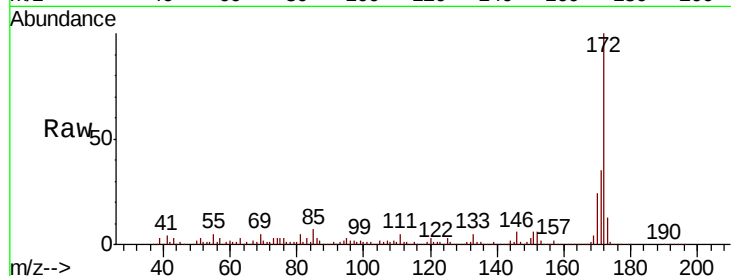


#45
 2-Fluorobiphenyl
 Concen: 53.975 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113422.D
 Acq: 29 Mar 2019 19:24

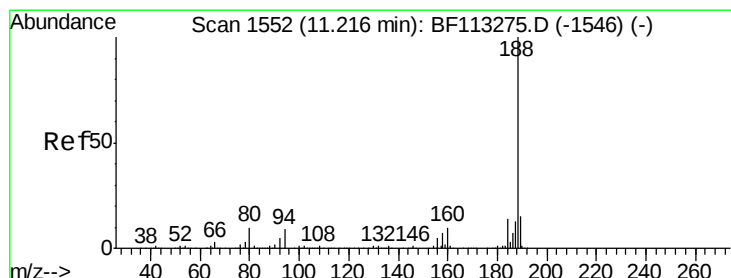
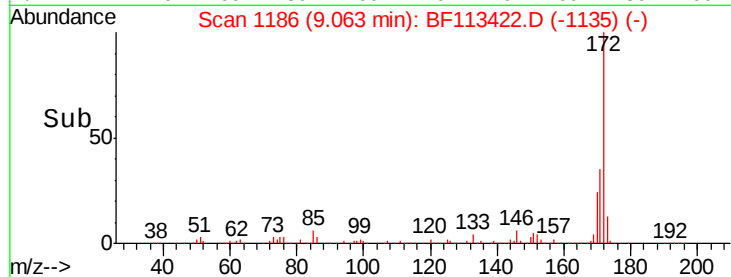
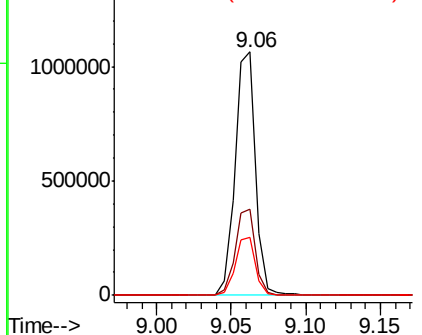
Instrument :
 BNA_F
 ClientSampled :
 MW-11

Tgt Ion:172 Resp: 1026794

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.9	19.5	29.3



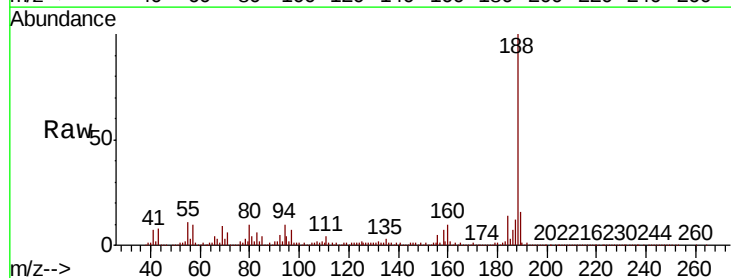
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



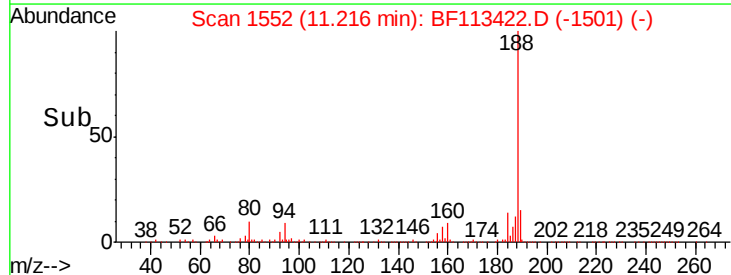
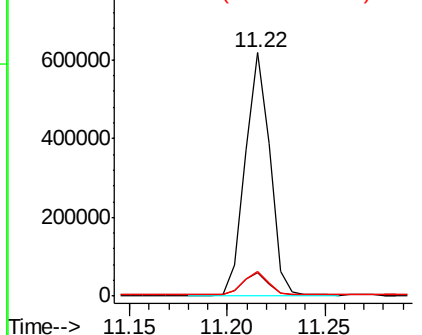
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF113422.D
 Acq: 29 Mar 2019 19:24

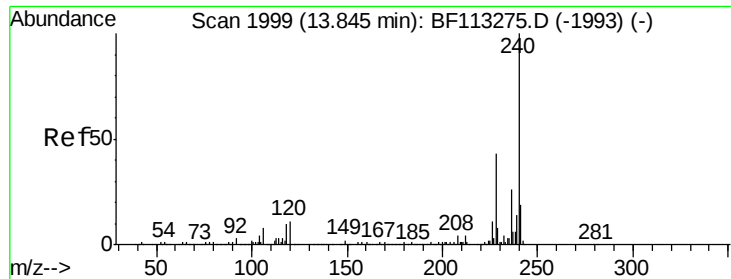
Tgt Ion:188 Resp: 546489

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.6
80	10.1	7.7	11.5



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

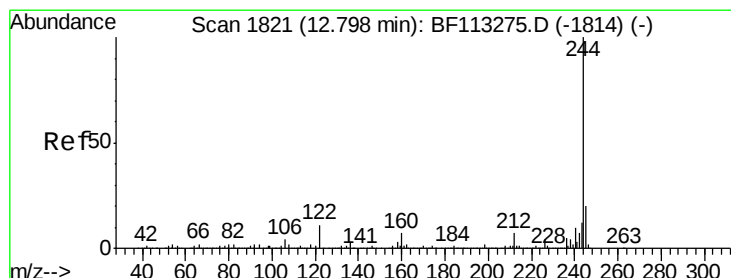
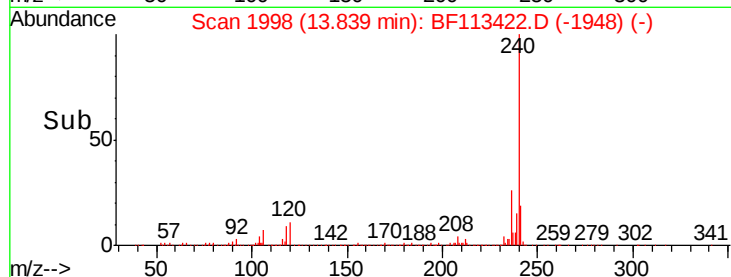
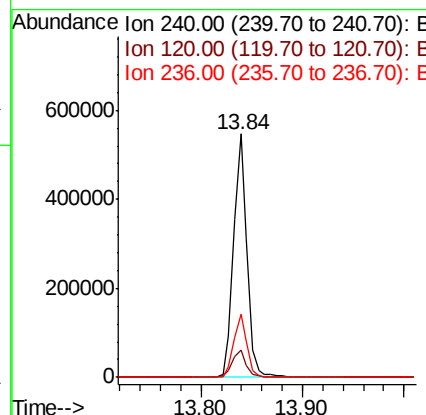
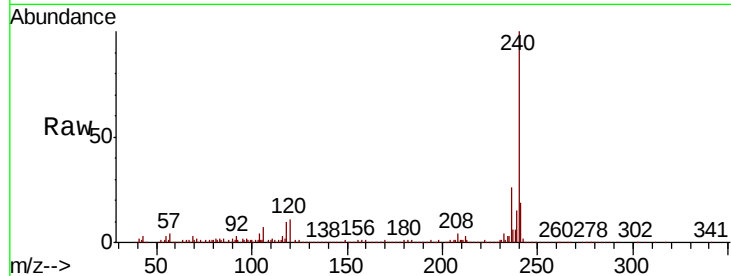




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

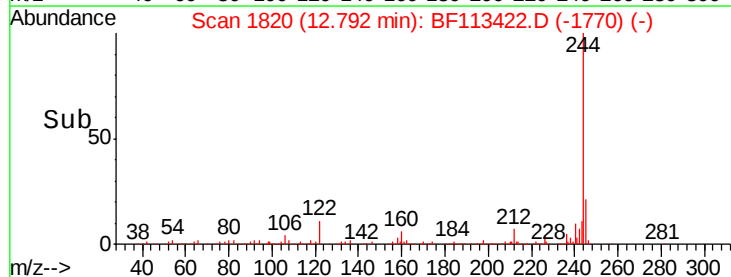
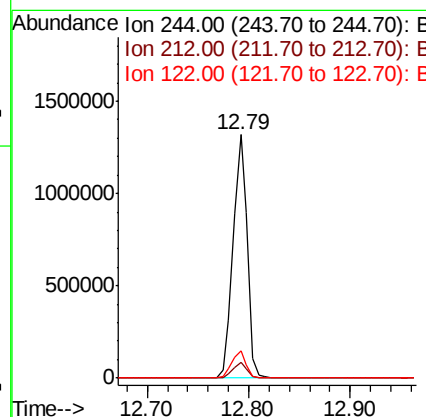
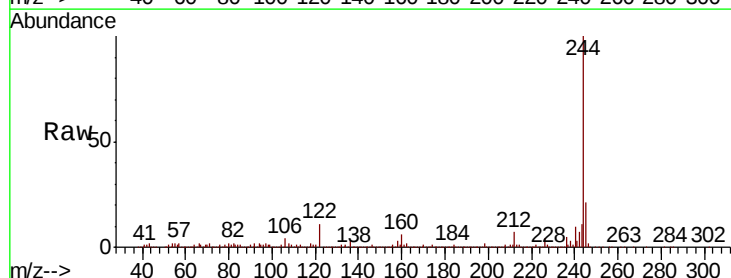
Instrument :
BNA_F
ClientSampleId :
MW-11

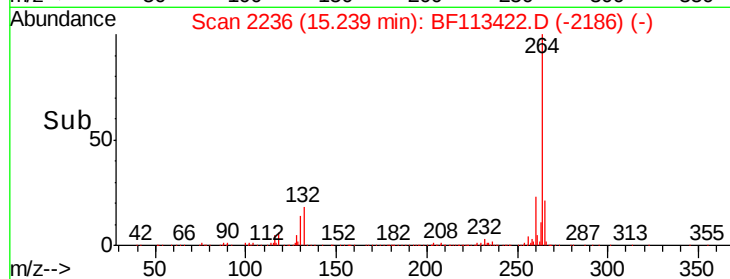
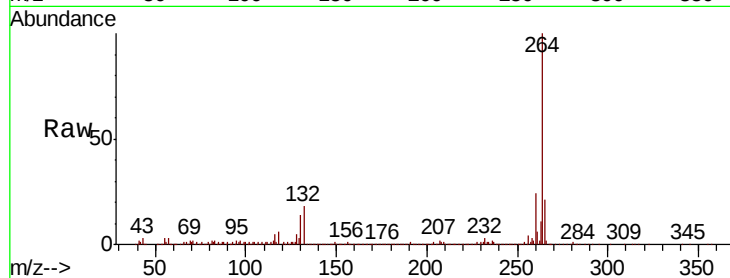
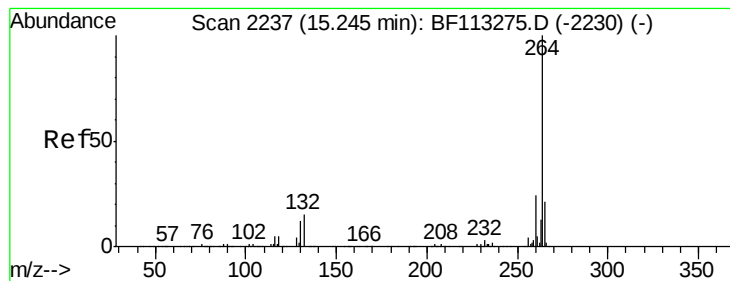
Tgt Ion:240 Resp: 502501
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 56.240 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113422.D
Acq: 29 Mar 2019 19:24

Tgt Ion:244 Resp: 1282141
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.4 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: BF113422.D

Acq: 29 Mar 2019 19:24

Instrument :

BNA_F

ClientSampleId :

MW-11

Tgt Ion: 264 Resp: 495950

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.4 17.1 25.7

