

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111901.D
 Acq On : 8 Jan 2019 2:31
 Operator : JU/SJ
 Sample : K1064-05 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1419-W

Quant Time: Jan 08 06:51:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

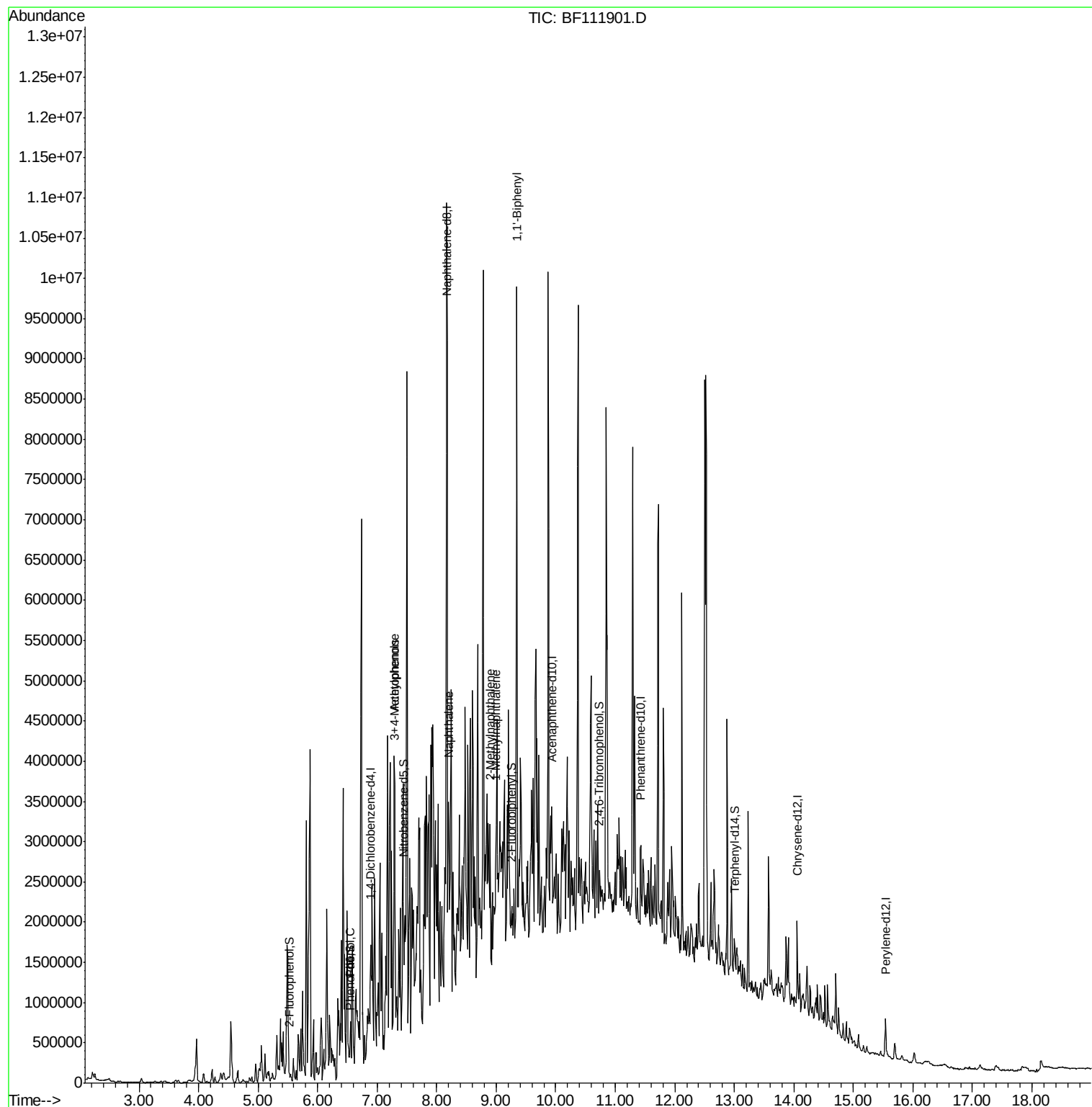
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	104765	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	305465	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	153490	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	273206	20.00	ng	0.00
76) Chrysene-d12	14.06	240	313336	20.00	ng	0.00
87) Perylene-d12	15.54	264	207908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	28312	4.62	ng	0.00
7) Phenol-d6	6.53	99	21251	2.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	85977	15.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	16455	8.24	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	72887	6.92	ng	0.00
79) Terphenyl-d14	13.00	244	73544	4.46	ng	0.00
Target Compounds						
10) Phenol	6.55	94	20022	2.334	ng	88
20) 3+4-Methylphenols	7.30	107	42403	6.234	ng	# 64
22) Acetophenone	7.29	105	407437	52.685	ng	# 50
31) Naphthalene	8.20	128	376708	25.979	ng	# 92
37) 2-Methylnaphthalene	8.89	142	405262	45.103	ng	97
38) 1-Methylnaphthalene	8.99	142	208693	24.216	ng	# 98
46) 1,1'-Biphenyl	9.35	154	69018	5.376	ng	92

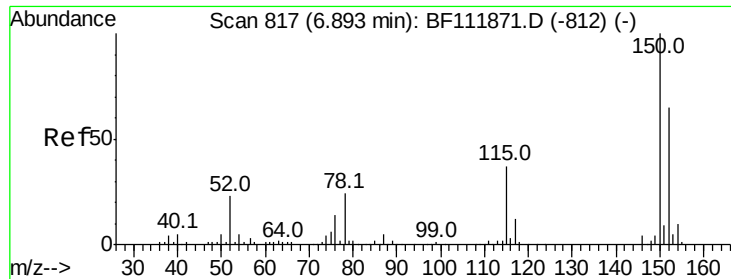
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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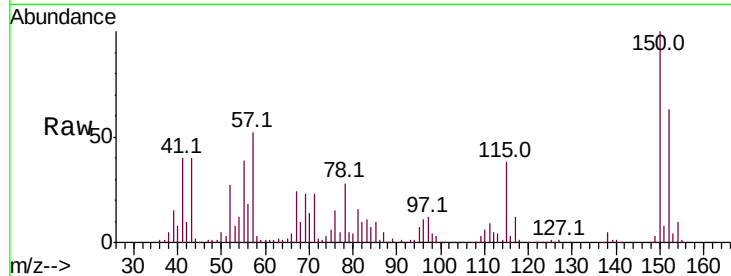


#1

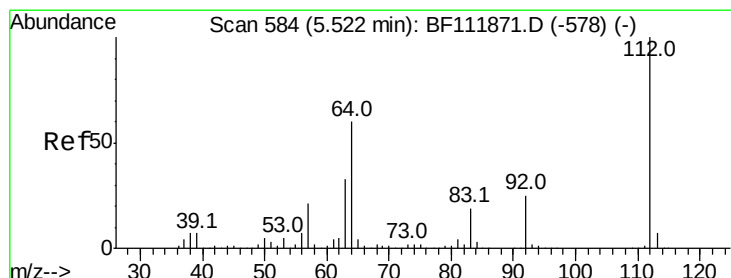
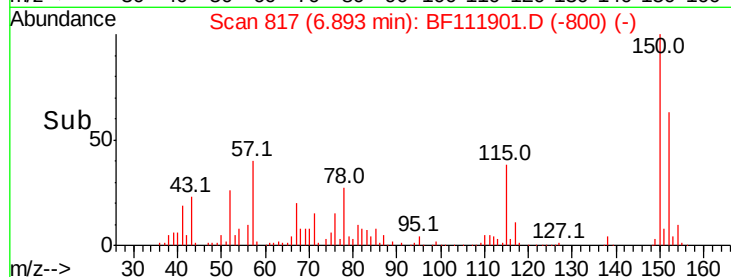
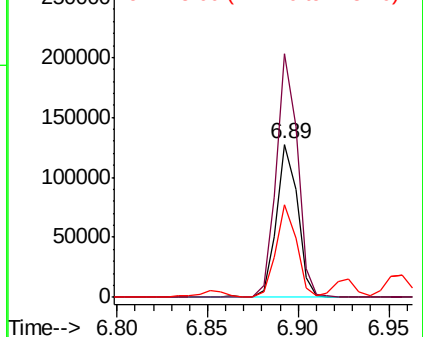
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampled :
P-1419-W

Tot Ion:152 Resp: 104765
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 60.7 45.2 67.8



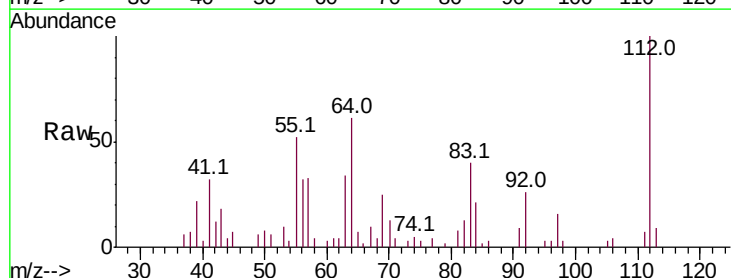
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



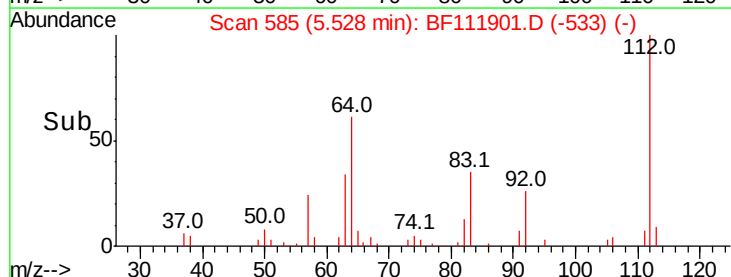
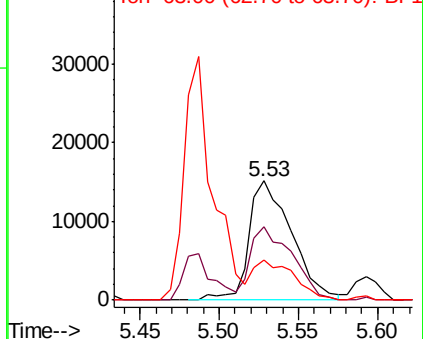
#5

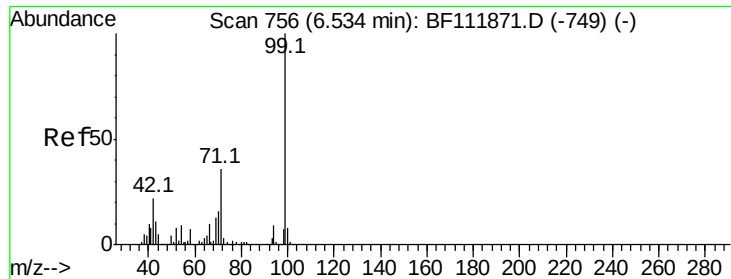
2-Fluorophenol
Concen: 4.623 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:112 Resp: 28312
Ion Ratio Lower Upper
112 100
64 61.3 48.3 72.5
63 33.6 26.1 39.1



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: 2.692 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111901.D

Acq: 8 Jan 2019 2:31

Instrument :

BNA_F

ClientSampled :

P-1419-W

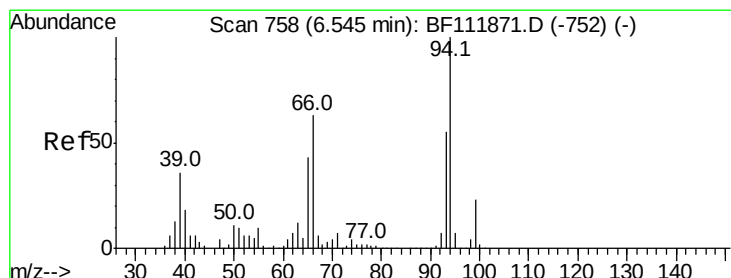
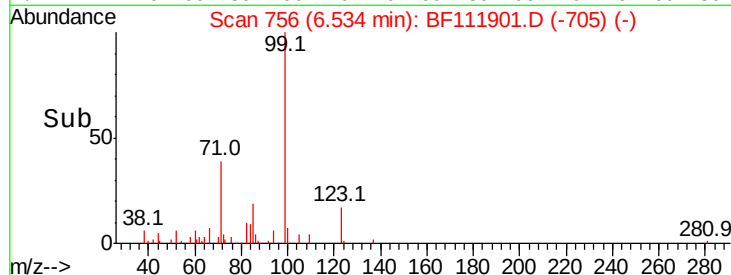
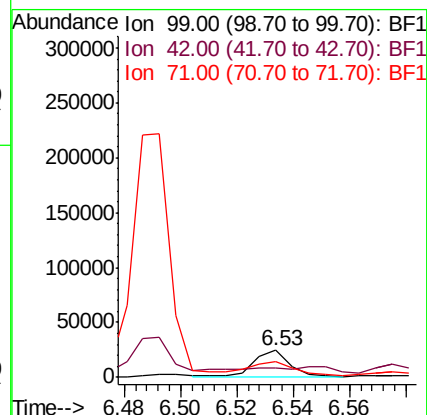
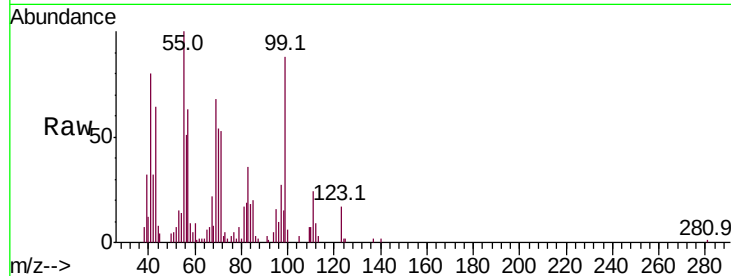
Tot Ion: 99 Resp: 21251

Ion Ratio Lower Upper

99 100

42 36.6 17.9 26.9#

71 60.2 28.7 43.1#



#10

Phenol

Concen: 2.334 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF111901.D

Acq: 8 Jan 2019 2:31

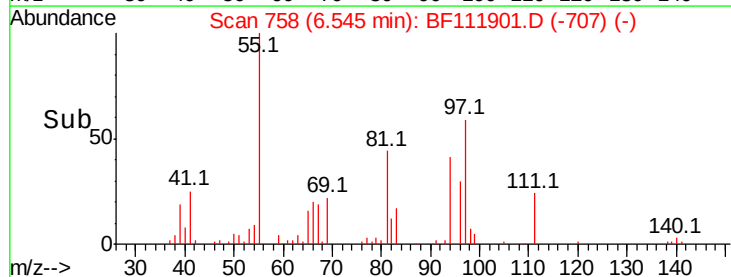
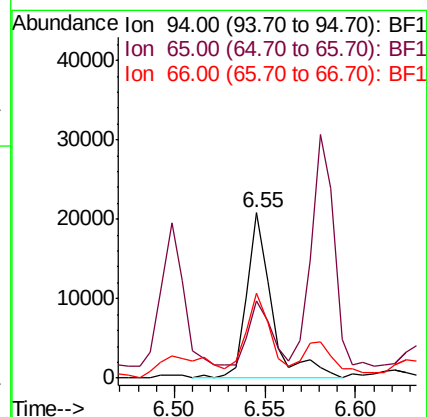
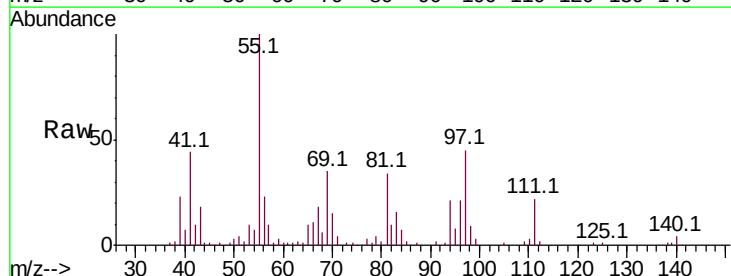
Tgt Ion: 94 Resp: 20022

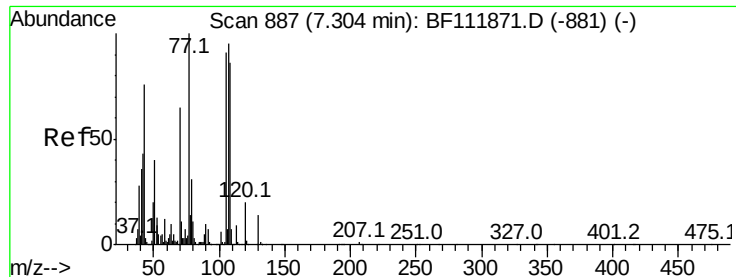
Ion Ratio Lower Upper

94 100

65 46.7 22.8 62.8

66 51.6 43.3 83.3

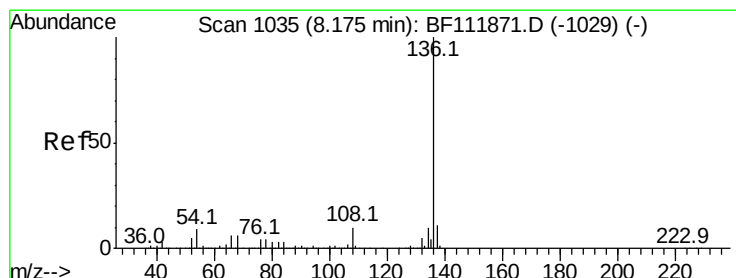
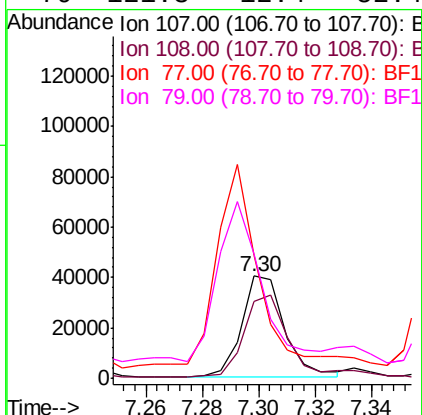
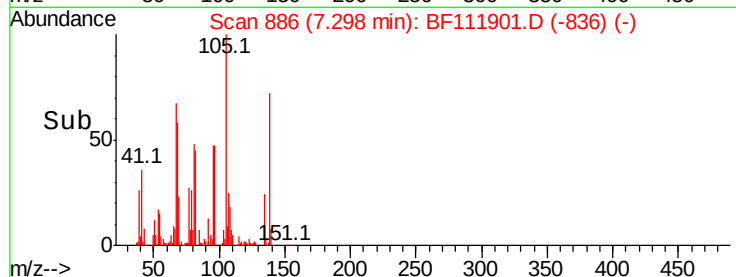
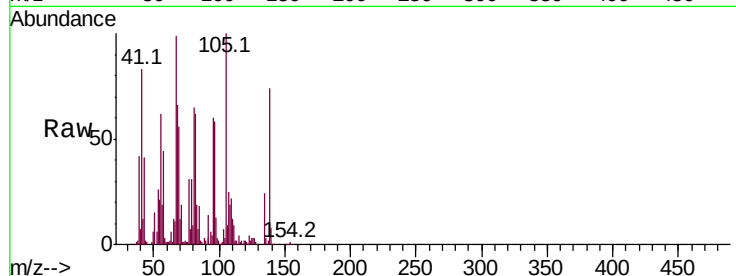




#20
3+4-Methylphenols
Concen: 6.234 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

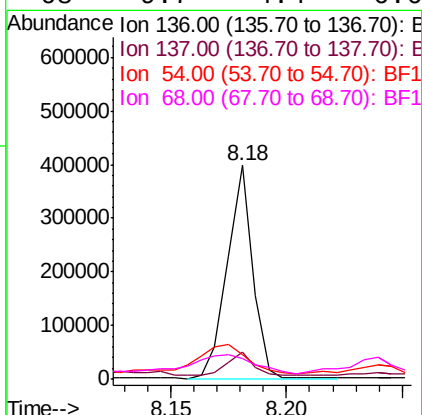
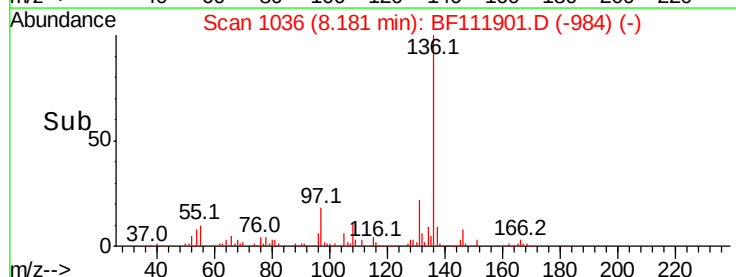
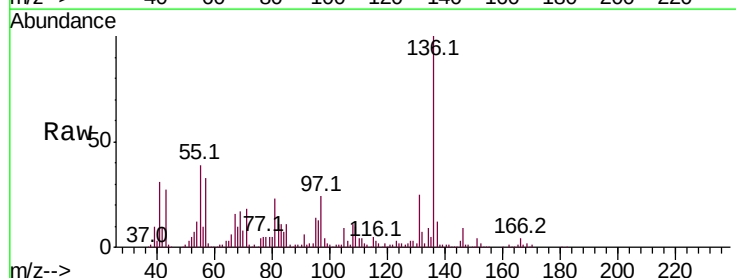
Instrument :
BNA_F
ClientSampleId :
P-1419-W

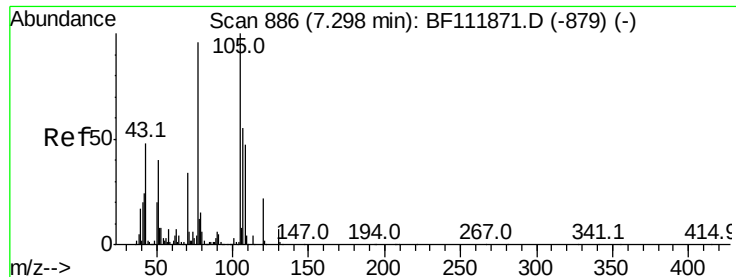
Tot Ion	Ratio	Lower	Upper
107	100		
108	75.3	71.1	111.1
77	121.0	85.4	125.4
79	121.3	12.4	52.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.1	13.7
54	11.7	7.2	10.8#
68	9.7	4.4	6.6#





#22

Acetophenone

Concen: 52.685 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF111901.D

Acq: 8 Jan 2019 2:31

Instrument :

BNA_F

ClientSampleId :

P-1419-W

Tot Ion:105 Resp: 407437

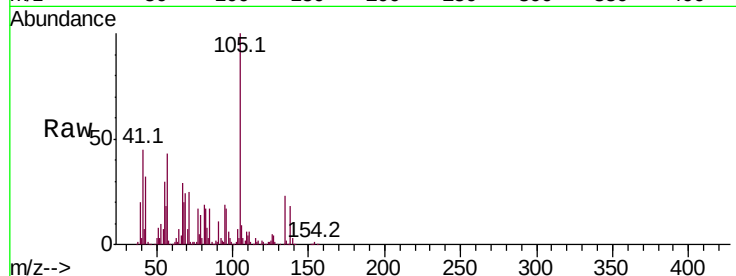
Ion Ratio Lower Upper

105 100

71 24.9 4.6 6.8#

51 7.7 32.2 48.2#

120 0.9 17.5 26.3#

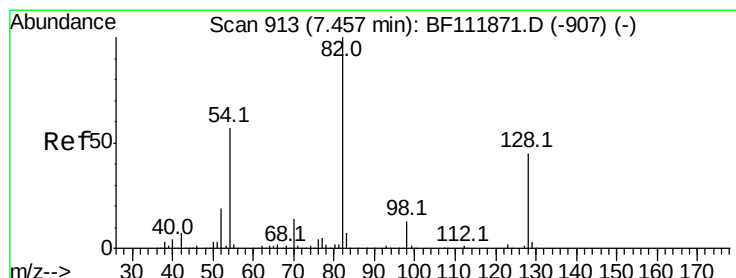
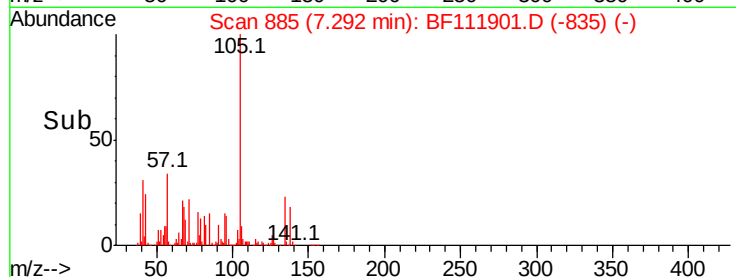
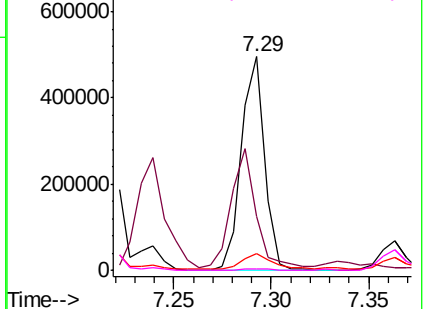


Abundance Ion 105.00 (104.70 to 105.70): E

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: 15.043 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111901.D

Acq: 8 Jan 2019 2:31

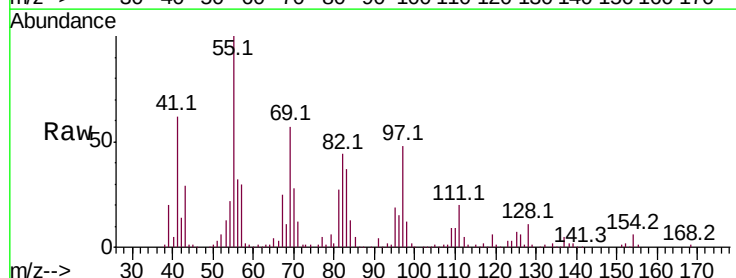
Tgt Ion: 82 Resp: 85977

Ion Ratio Lower Upper

82 100

128 25.9 35.7 53.5#

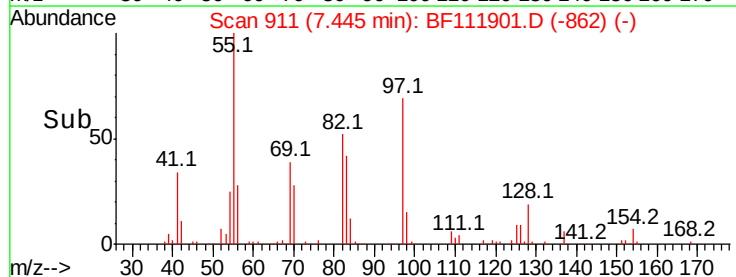
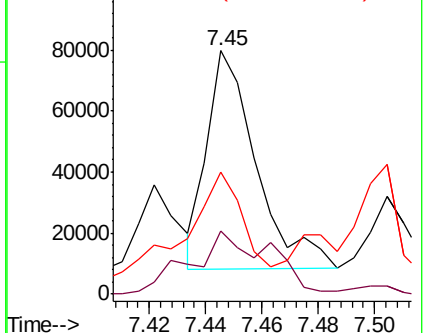
54 50.1 45.8 68.8

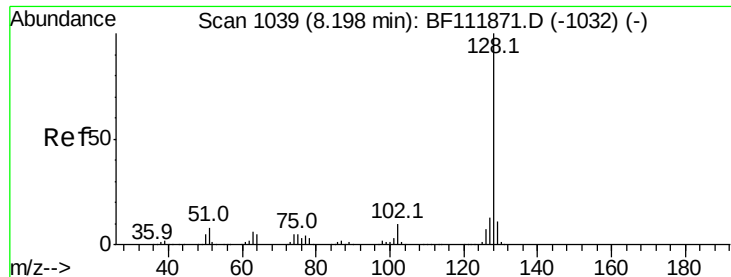


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

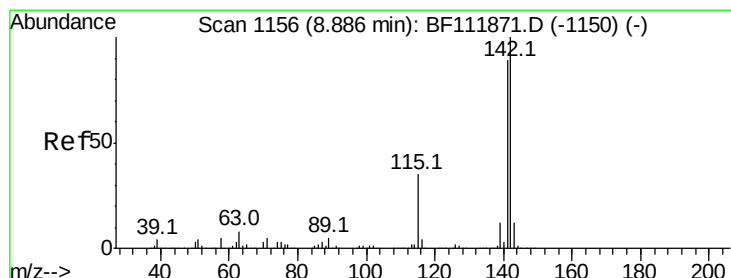
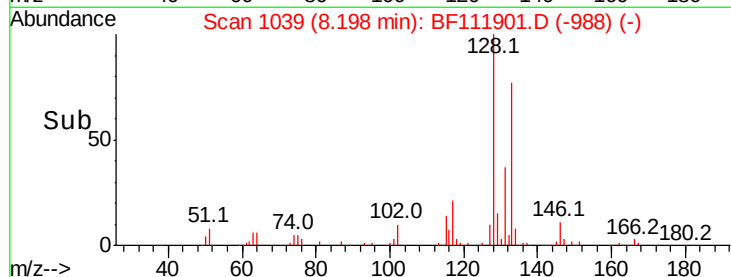
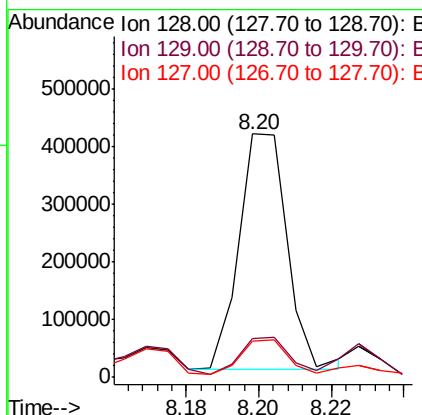
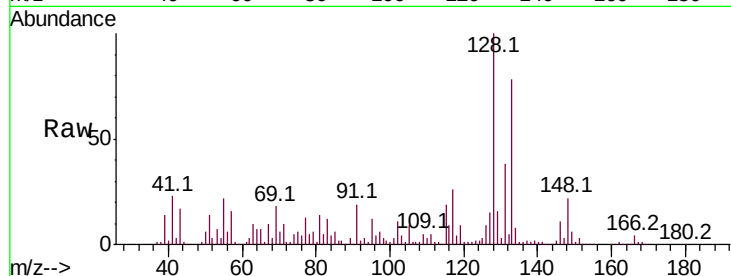




#31
Naphthalene
Concen: 25.979 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

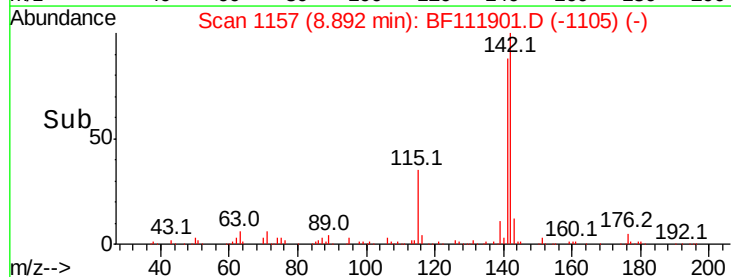
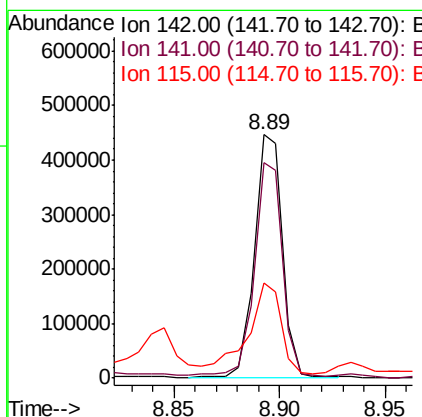
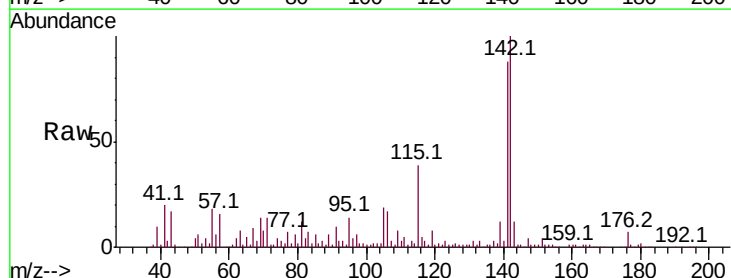
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BNA_F
ClientSampled :
P-1419-W

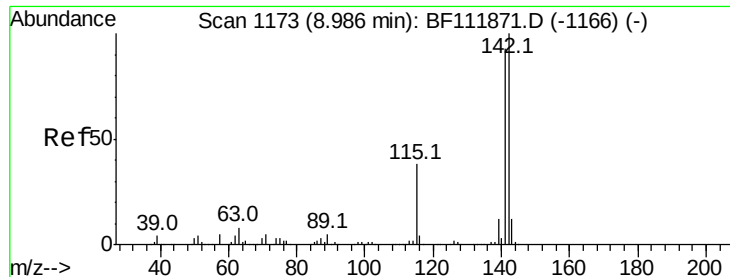
Tot Ion:128 Resp: 376708
Ion Ratio Lower Upper
128 100
129 15.9 9.0 13.4#
127 15.0 10.7 16.1



#37
2-Methylnaphthalene
Concen: 45.103 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Tgt Ion:142 Resp: 405262
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2
115 39.2 28.3 42.5

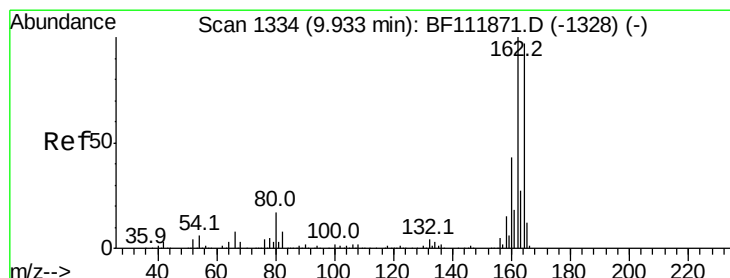
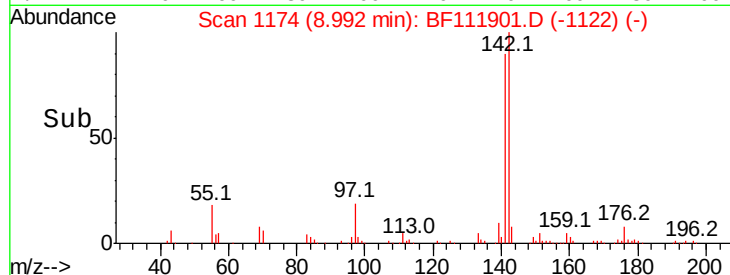
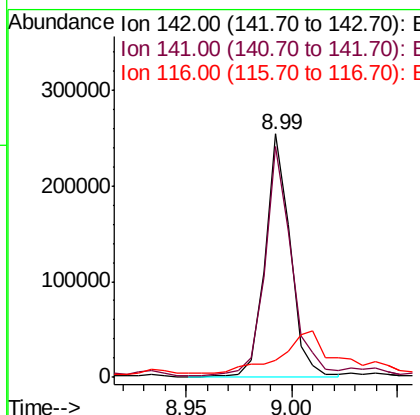
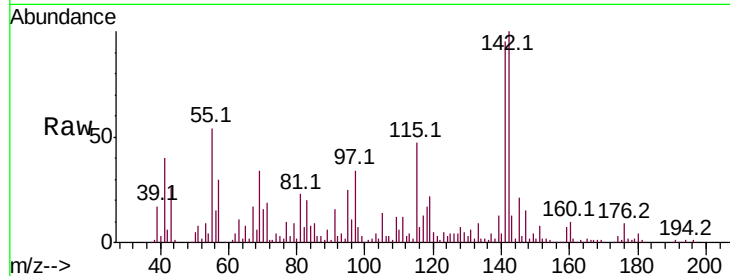




#38
 1-Methylnaphthalene
 Concen: 24.216 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF111901.D
 Acq: 8 Jan 2019 2:31

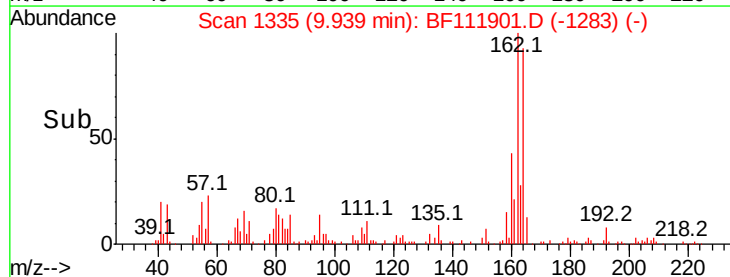
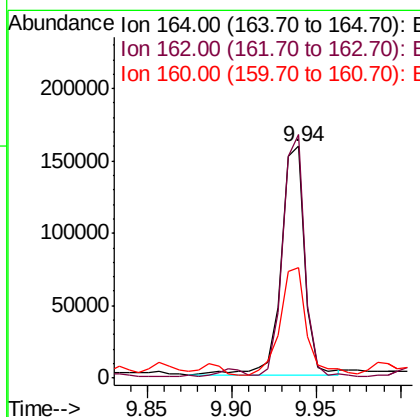
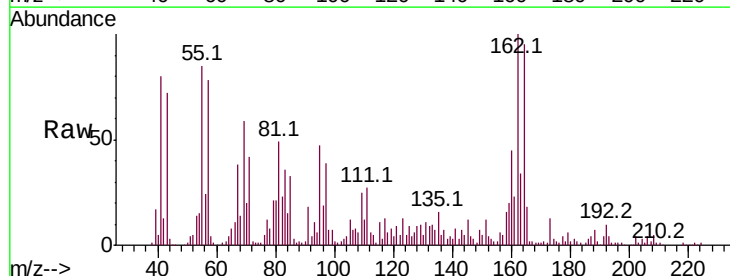
Instrument :
 BNA_F
 ClientSampleId :
 P-1419-W

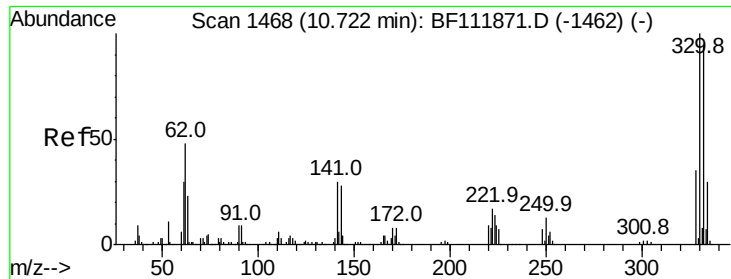
Tot Ion:142 Resp: 208693
 Ion Ratio Lower Upper
 142 100
 141 95.0 74.8 112.2
 116 7.1 3.1 4.7#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111901.D
 Acq: 8 Jan 2019 2:31

Tgt Ion:164 Resp: 153490
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.2 123.2
 160 47.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 8.242 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111901.D

Acq: 8 Jan 2019 2:31

Instrument :

BNA_F

ClientSampled :

P-1419-W

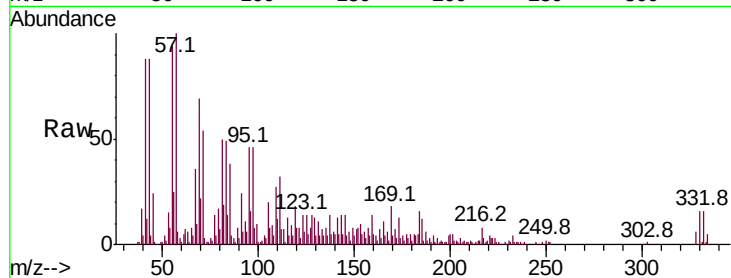
Tot Ion:330 Resp: 16455

Ion Ratio Lower Upper

330 100

332 91.3 76.9 115.3

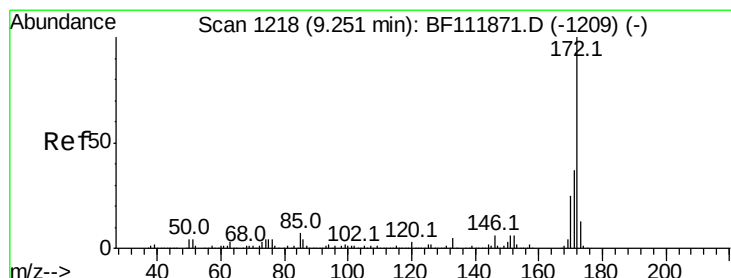
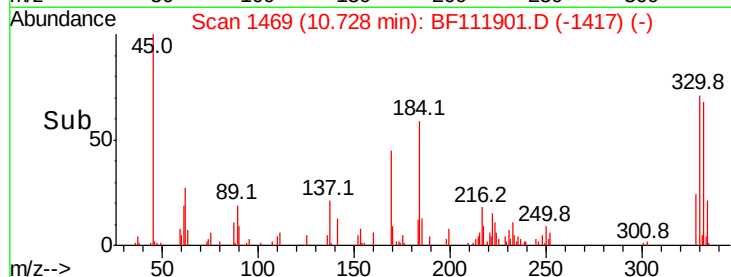
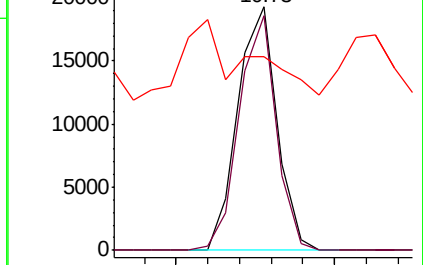
141 56.9 23.7 35.5#



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: 6.924 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF111901.D

Acq: 8 Jan 2019 2:31

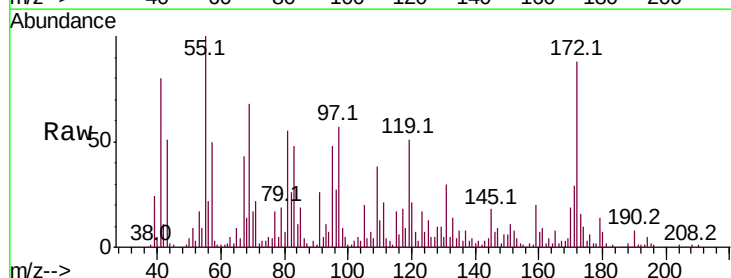
Tgt Ion:172 Resp: 72887

Ion Ratio Lower Upper

172 100

171 33.0 29.6 44.4

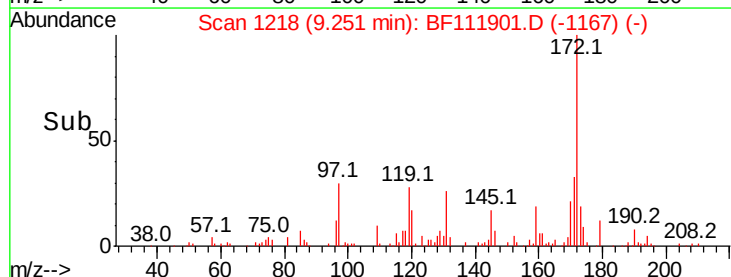
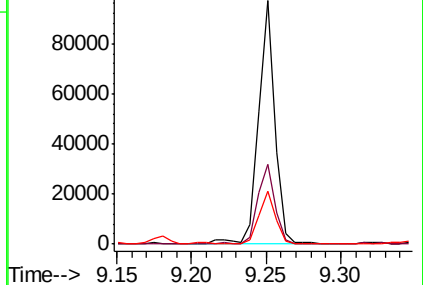
170 21.5 19.8 29.8

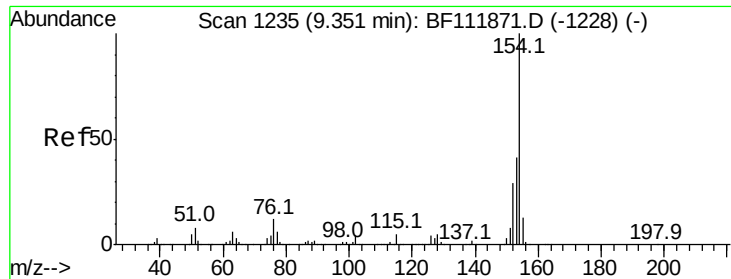


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

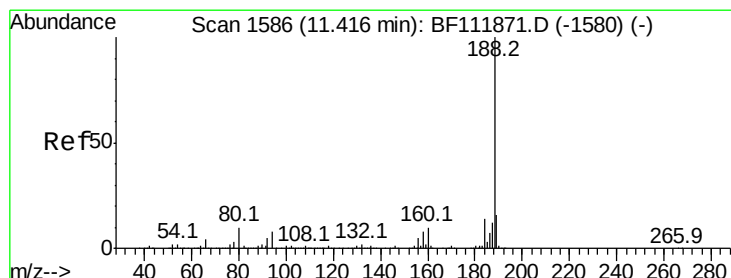
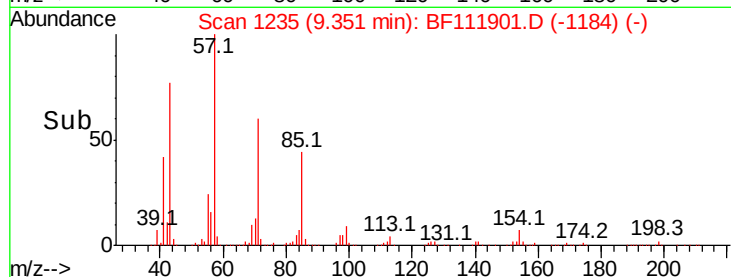
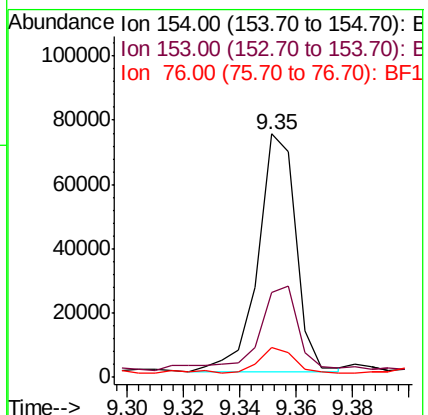
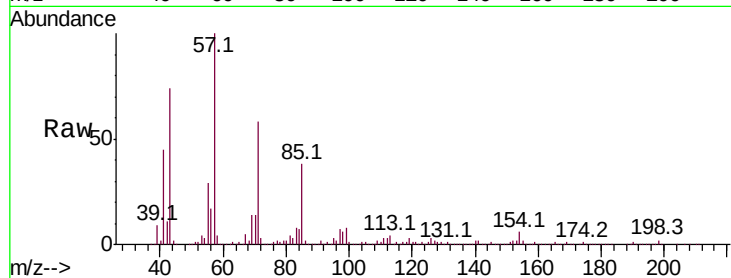




#46
 1,1'-Biphenyl
 Concen: 5.376 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BF111901.D
 Acq: 8 Jan 2019 2:31

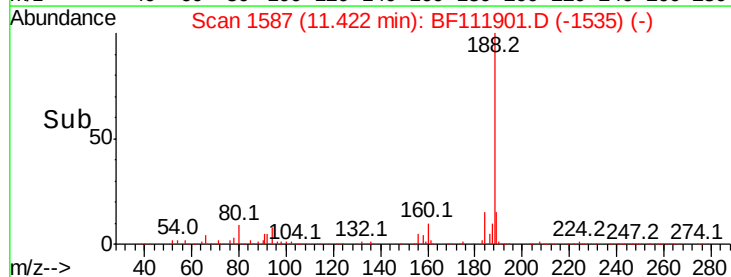
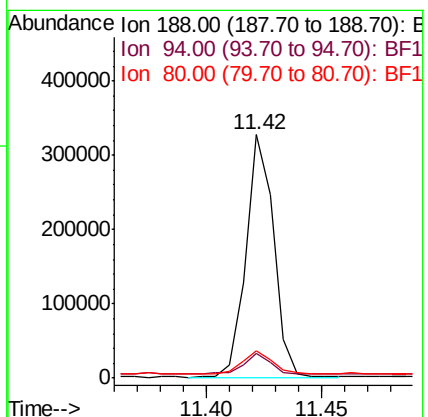
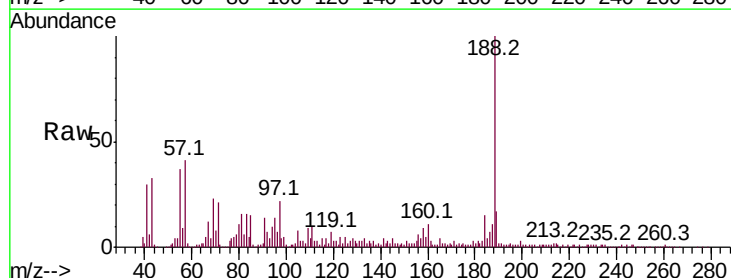
Instrument :
 BNA_F
 ClientSampleId :
 P-1419-W

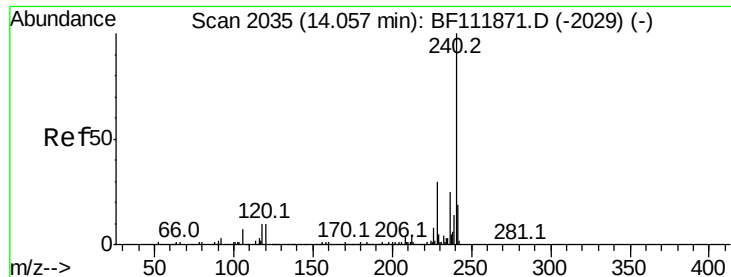
Tot Ion	Ratio	Lower	Upper
154	100		
153	35.0	21.3	61.3
76	12.3	0.0	32.3



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF111901.D
 Acq: 8 Jan 2019 2:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	6.6	10.0#
80	11.2	7.7	11.5

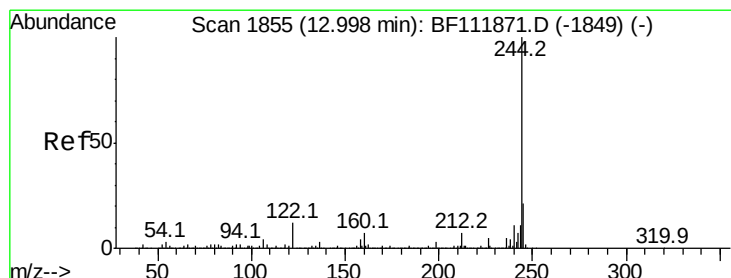
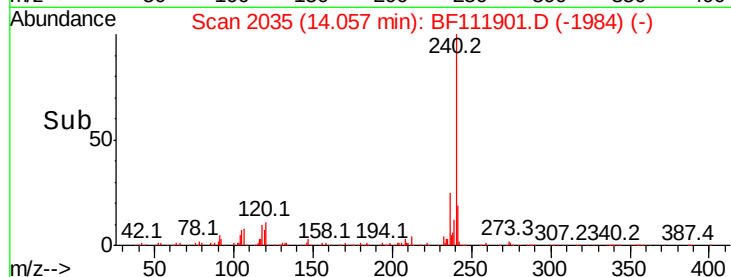
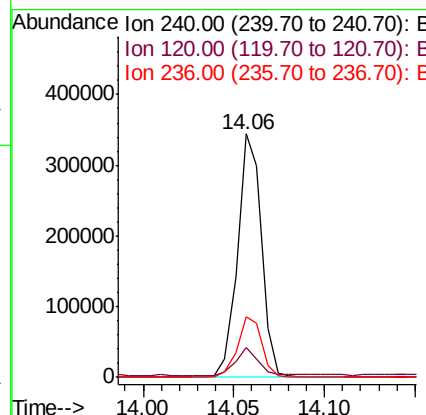
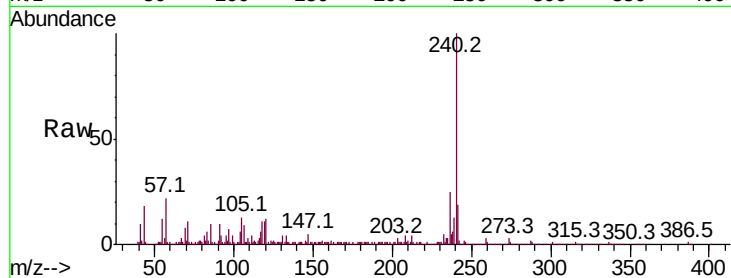




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF111901.D
 Acq: 8 Jan 2019 2:31

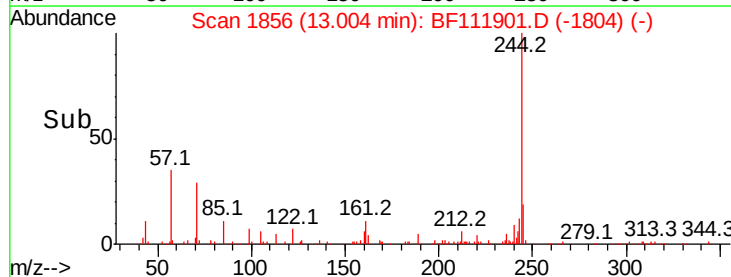
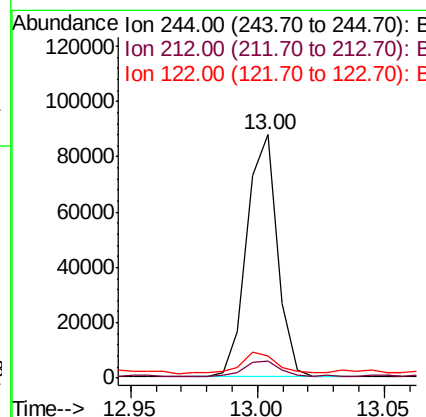
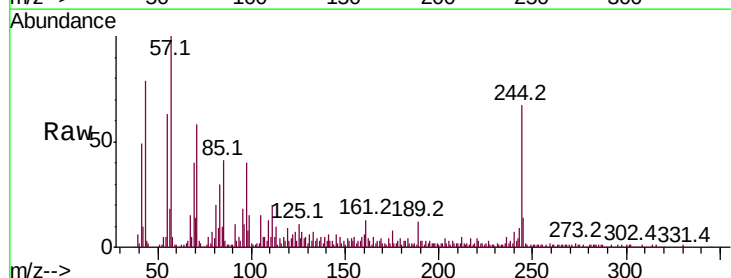
Instrument :
 BNA_F
 ClientSampleId :
 P-1419-W

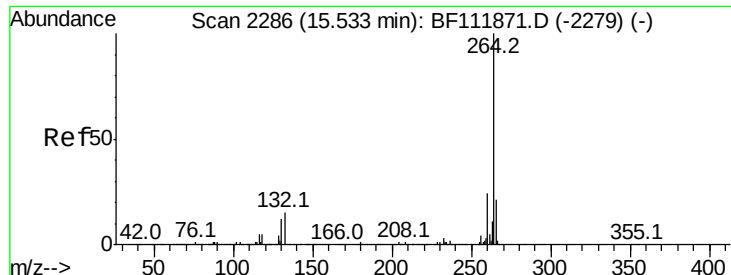
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.2	12.2
236	25.1	20.2	30.4



#79
 Terphenyl-d14
 Concen: 4.455 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111901.D
 Acq: 8 Jan 2019 2:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	9.2	9.5	14.3#

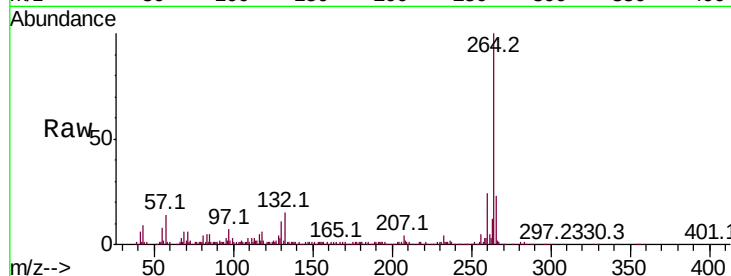




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111901.D
Acq: 8 Jan 2019 2:31

Instrument :
BNA_F
ClientSampleId :
P-1419-W

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	17.1	25.7



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

