

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111449.D
 Acq On : 15 Dec 2018 5:44
 Operator : JU/SJ
 Sample : J6305-03DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01DL

Quant Time: Dec 15 23:47:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

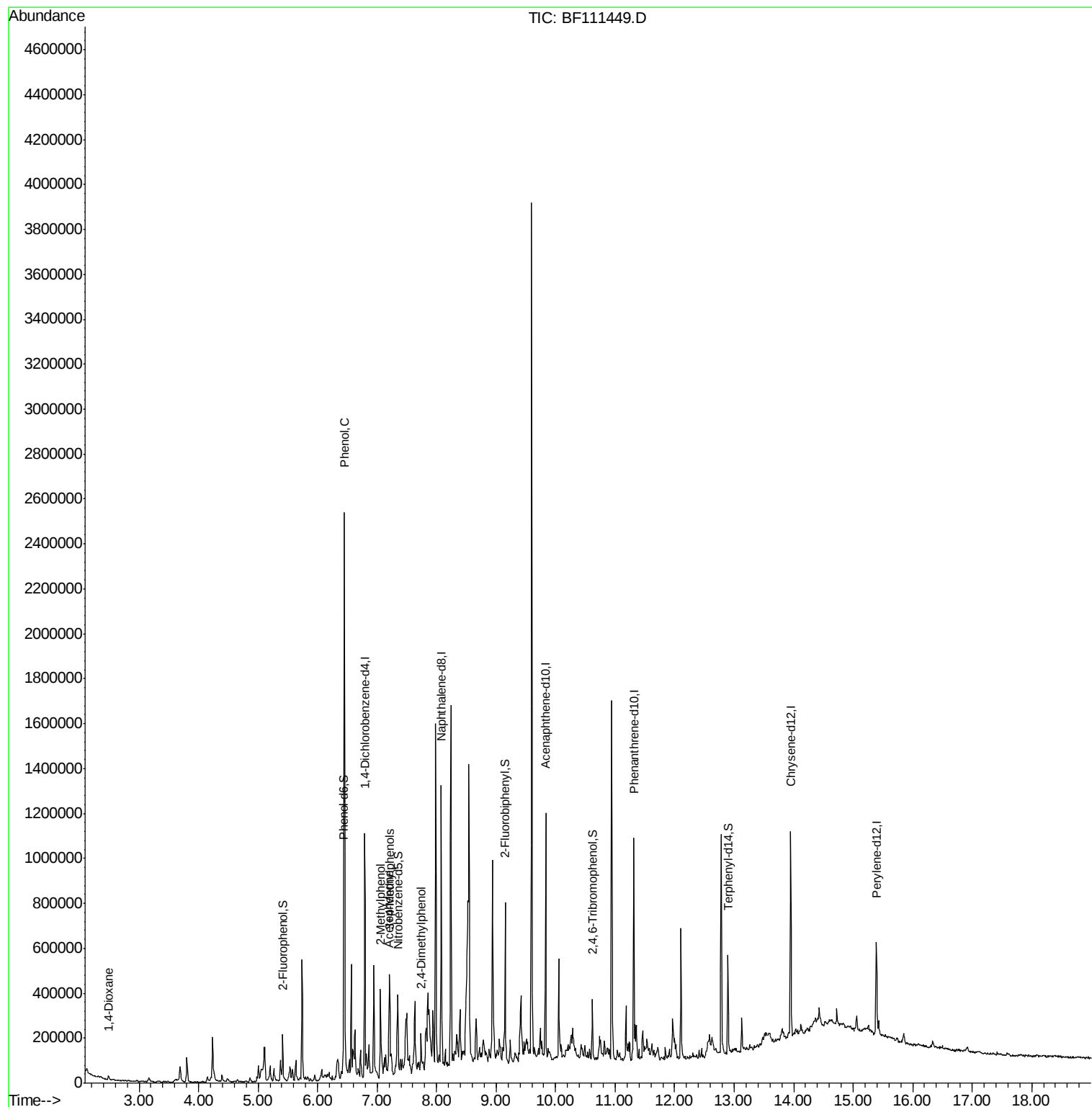
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148240	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	549423	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	215576	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	342882	20.00	ng	0.00
76) Chrysene-d12	13.95	240	287147	20.00	ng	0.00
87) Perylene-d12	15.39	264	190503	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	66256	7.44	ng	0.00
7) Phenol-d6	6.43	99	49715	4.20	ng	0.00
23) Nitrobenzene-d5	7.35	82	99118	10.74	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	26596	13.77	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	182595	13.08	ng	0.00
79) Terphenyl-d14	12.90	244	132379	10.83	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.49	88	9137	2.124	ng	Qvalue # 86
10) Phenol	6.45	94	762932	57.797	ng	98
17) 2-Methylphenol	7.06	107	67981	7.936	ng	98
20) 3+4-Methylphenols	7.21	107	107291	9.985	ng	# 60
22) Acetophenone	7.20	105	45143	3.681	ng	# 90
27) 2,4-Dimethylphenol	7.73	122	24308	3.435	ng	95

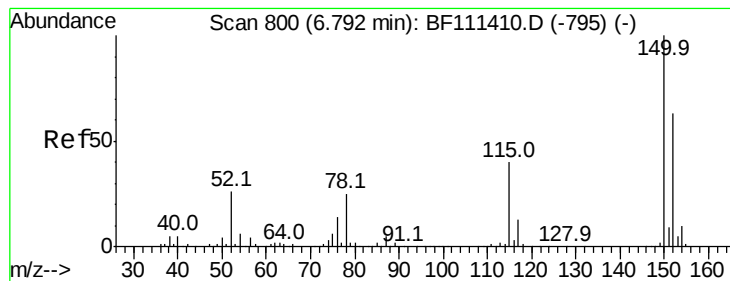
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

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BNA_F

ClientSampleId :

P001-SW003-01DL

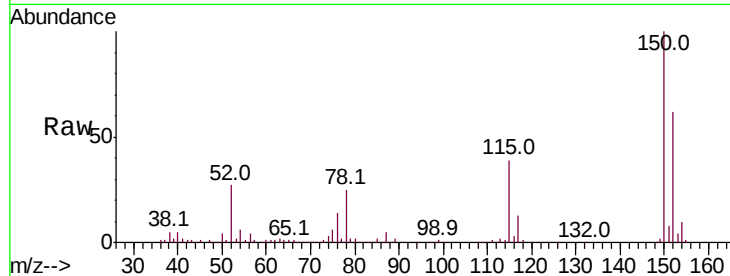
Tot Ion:152 Resp: 148240

Ion Ratio Lower Upper

152 100

150 160.2 126.6 189.8

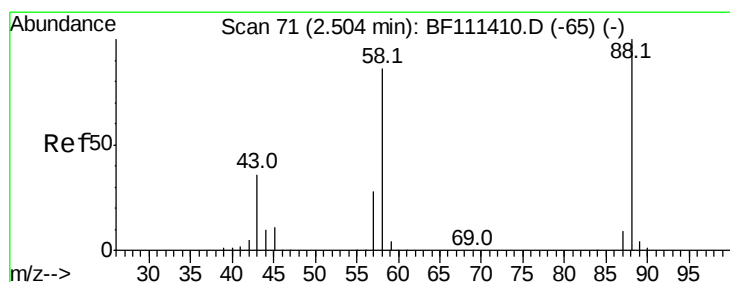
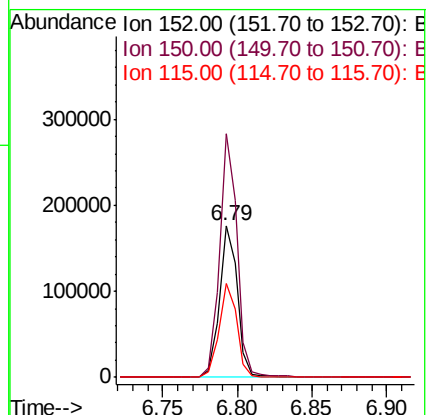
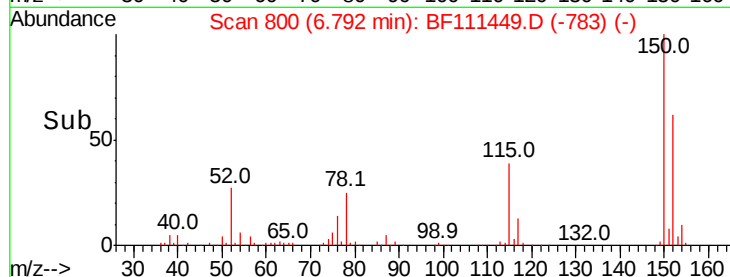
115 62.0 50.7 76.1



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



#2

1,4-Dioxane

Concen: 2.124 ng

RT: 2.49 min Scan# 68

Delta R.T. -0.02 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

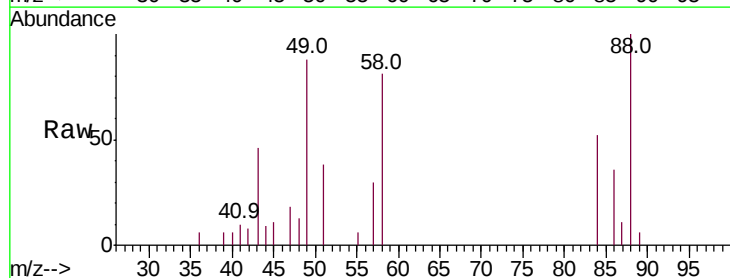
Tgt Ion: 88 Resp: 9137

Ion Ratio Lower Upper

88 100

58 72.2 68.9 103.3

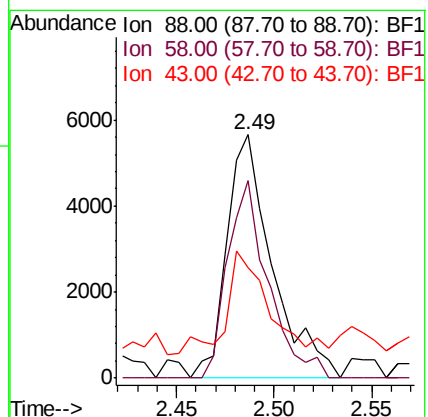
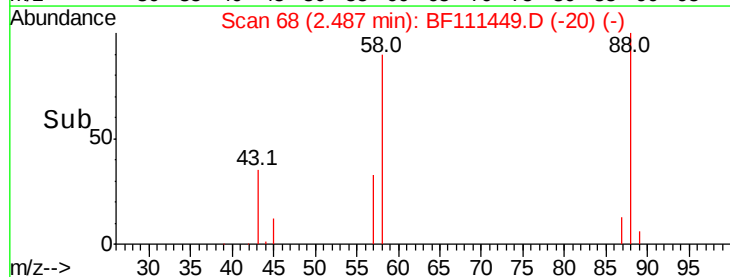
43 38.6 25.8 38.6#

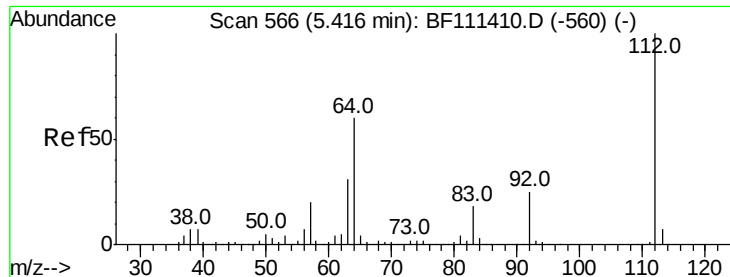


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 7.438 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

Instrument :

BNA_F

ClientSampleId :

P001-SW003-01DL

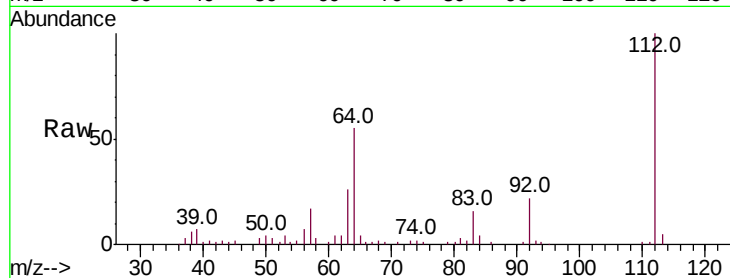
Tot Ion:112 Resp: 66256

Ion Ratio Lower Upper

112 100

64 54.9 51.8 77.6

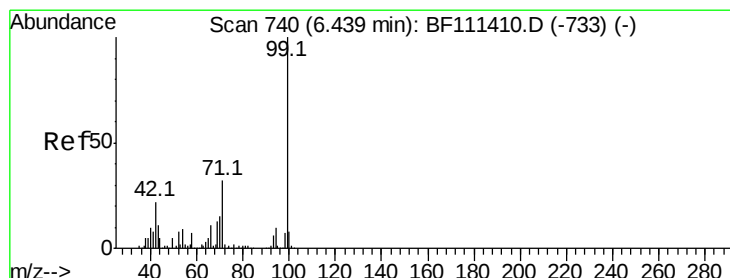
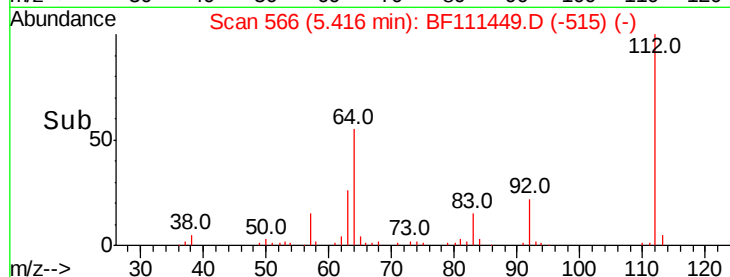
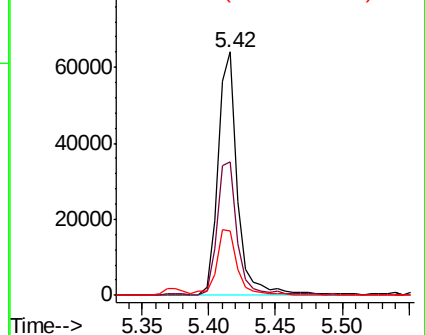
63 26.2 26.8 40.2#



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: 4.195 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111449.D

Acq: 15 Dec 2018 5:44

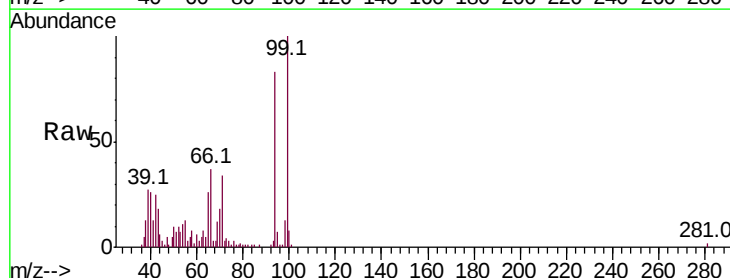
Tgt Ion: 99 Resp: 49715

Ion Ratio Lower Upper

99 100

42 25.0 17.4 26.0

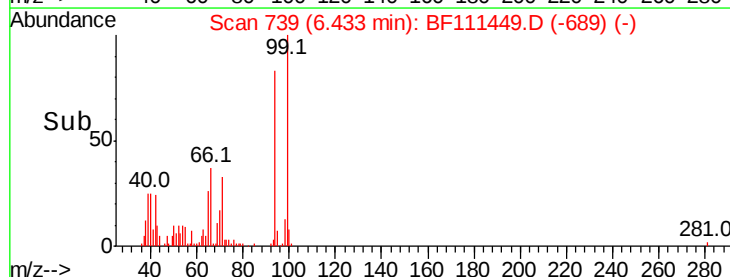
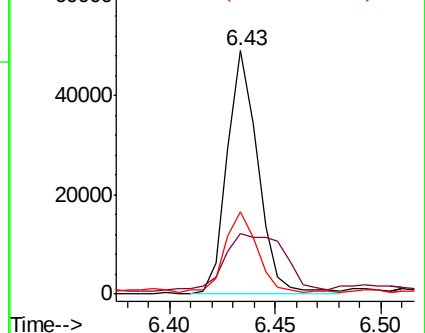
71 33.6 26.1 39.1

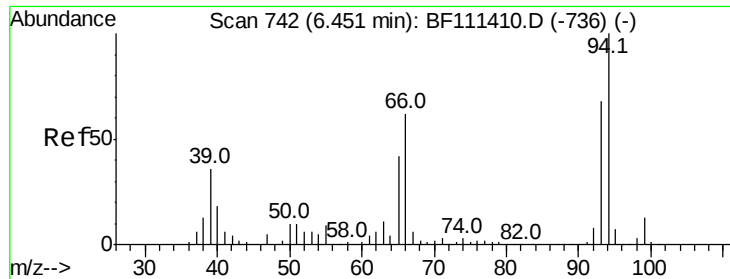


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

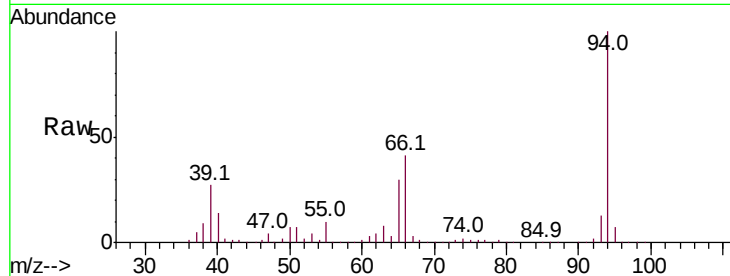




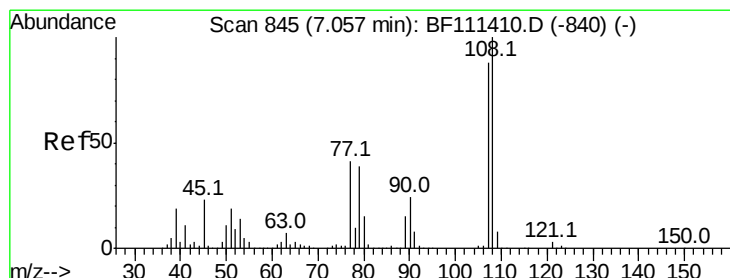
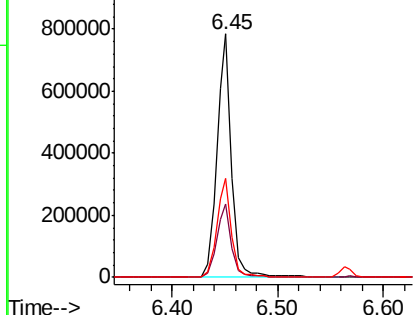
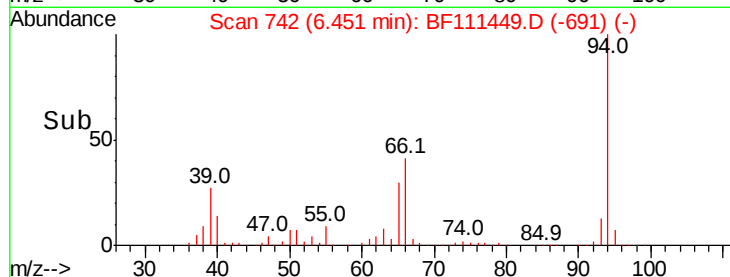
#10
Phenol
Concen: 57.797 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Tot Ion: 94 Resp: 762932
Ion Ratio Lower Upper
94 100
65 30.1 11.7 51.7
66 40.6 21.0 61.0

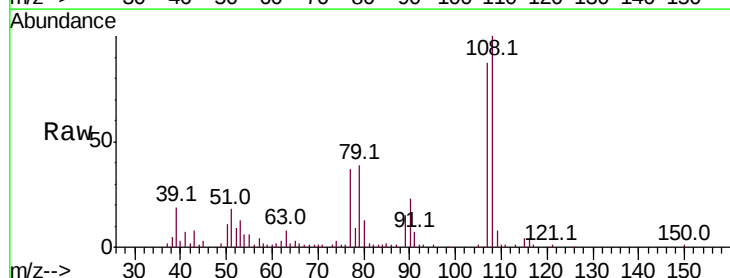


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

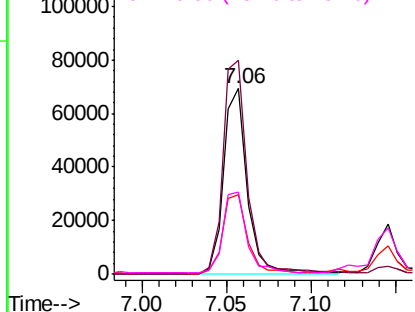
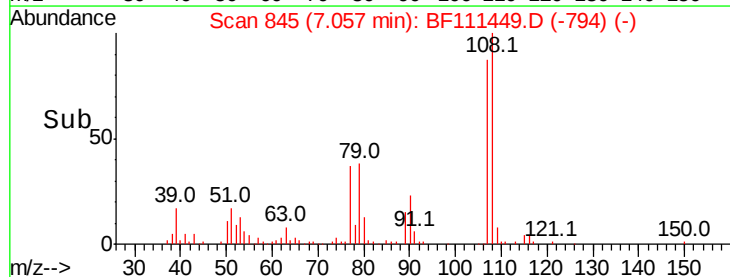


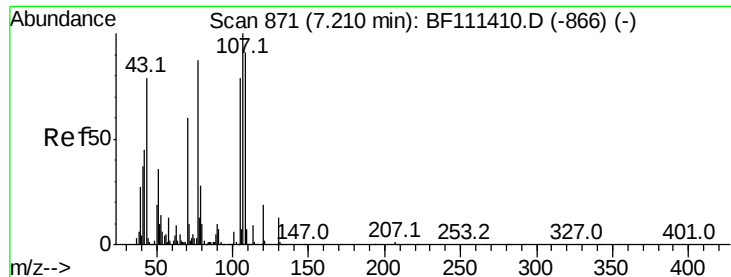
#17
2-Methylphenol
Concen: 7.936 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:107 Resp: 67981
Ion Ratio Lower Upper
107 100
108 115.3 91.0 136.4
77 43.2 33.5 50.3
79 44.5 33.3 49.9



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

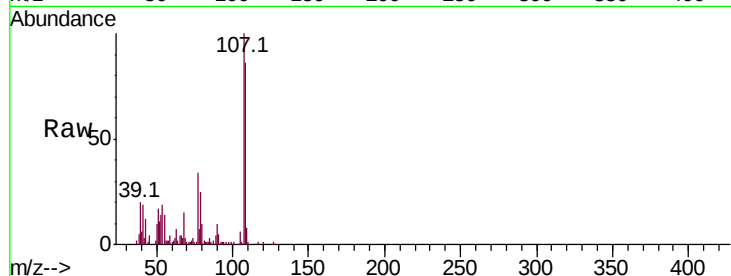




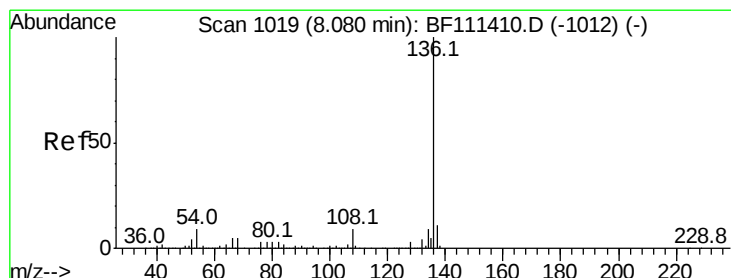
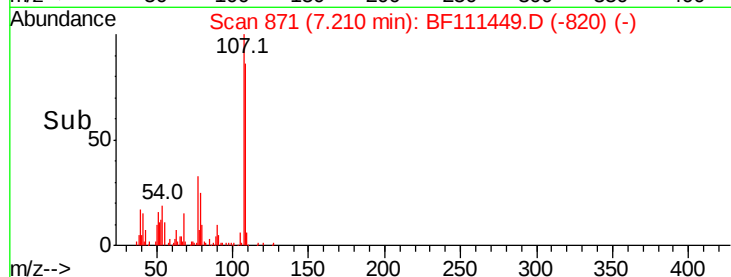
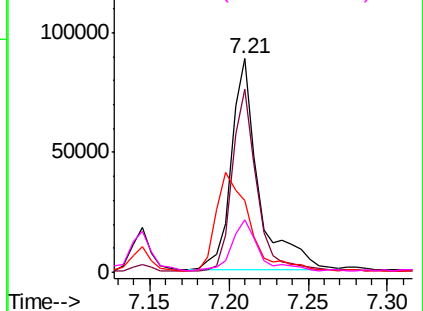
#20
3+4-Methylphenols
Concen: 9.985 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

Tot Ion:	107	Resp:	107291
Ion	Ratio	Lower	Upper
107	100		
108	85.9	72.1	112.1
77	33.6	94.1	134.1#
79	24.8	9.8	49.8

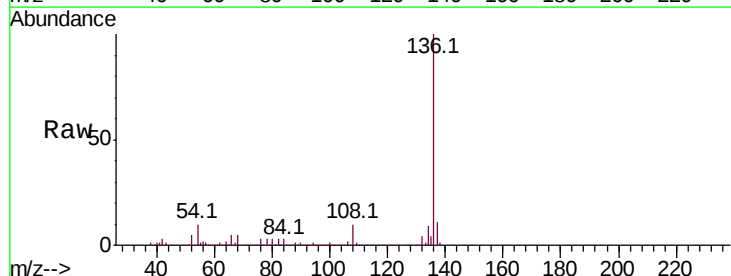


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

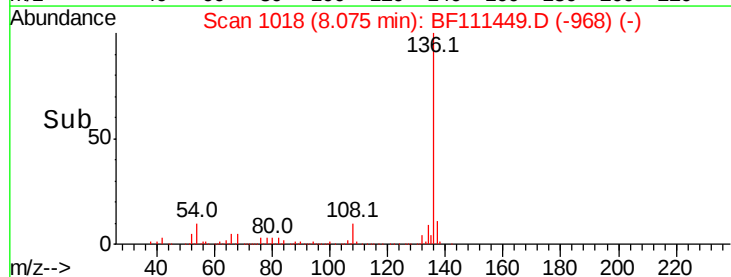
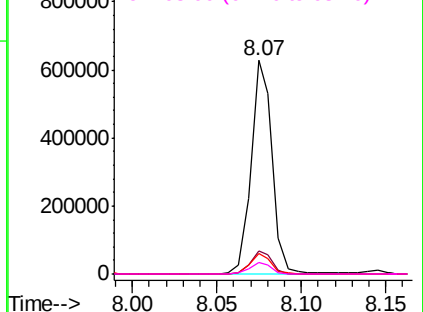


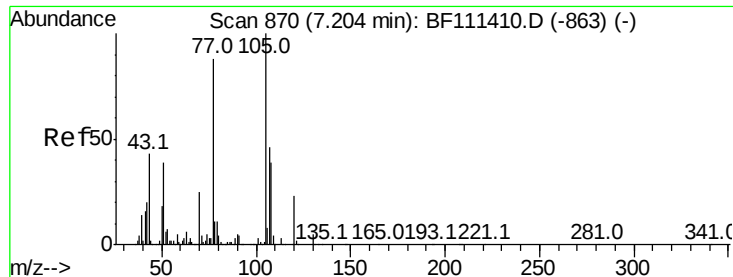
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:	136	Resp:	549423
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.8	7.7	11.5
68	5.5	4.9	7.3



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

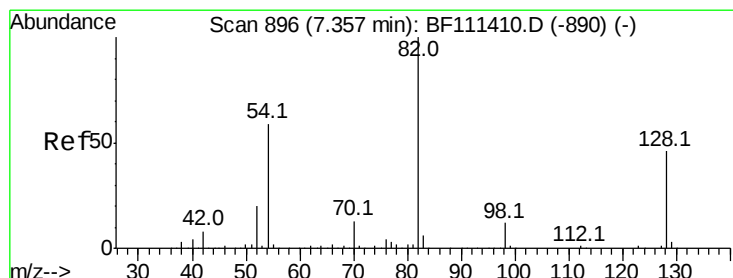
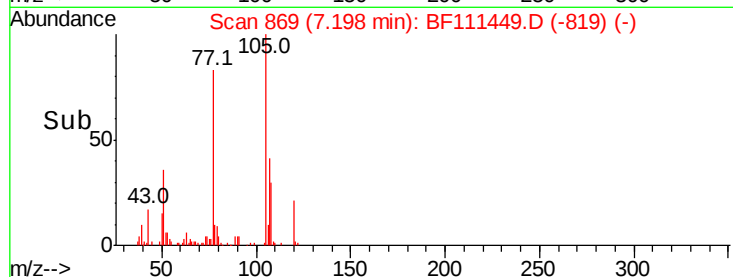
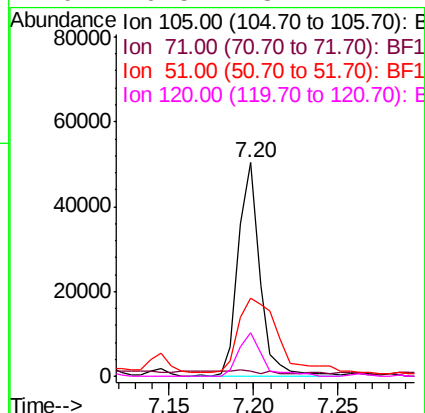
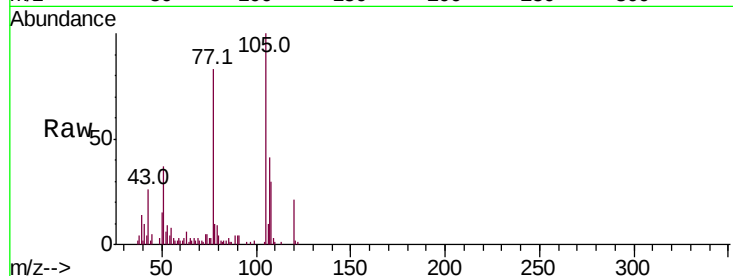




#22
Acetophenone
Concen: 3.681 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

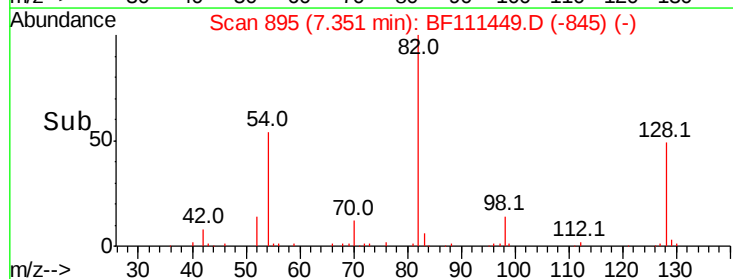
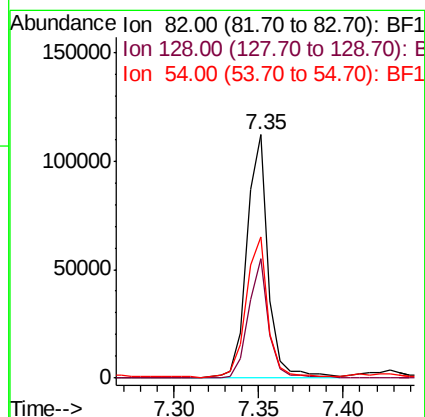
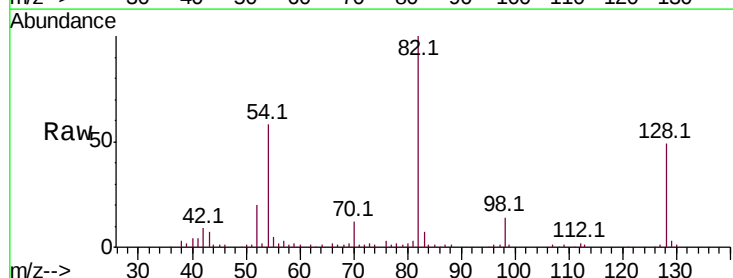
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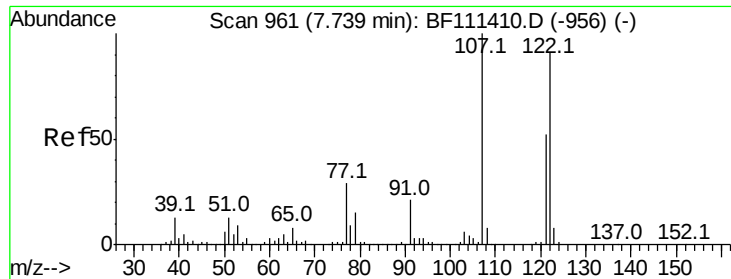
Tot Ion:	105	Resp:	45143
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.1	4.7#
51	36.7	36.6	54.8
120	20.5	18.2	27.4



#23
Nitrobenzene-d5
Concen: 10.743 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:	82	Resp:	99118
Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.4	56.2
54	58.2	47.6	71.4

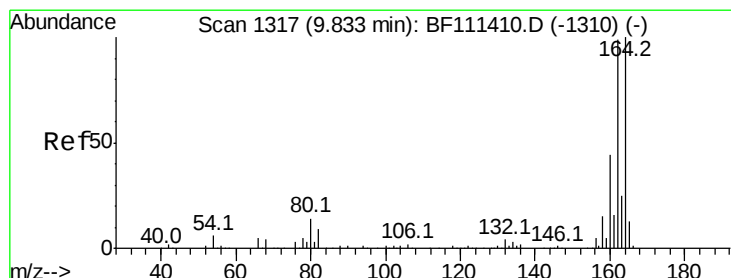
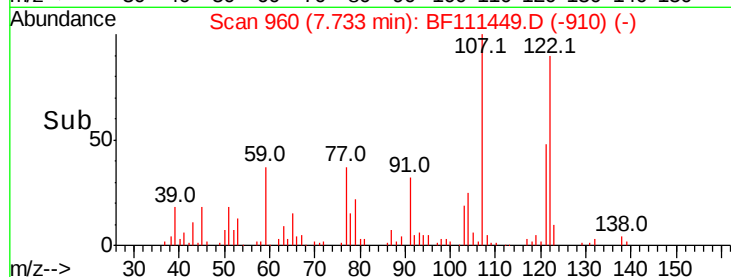
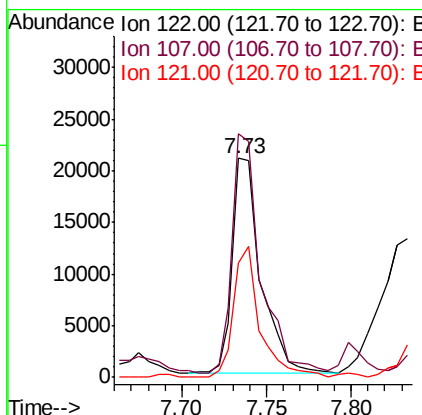
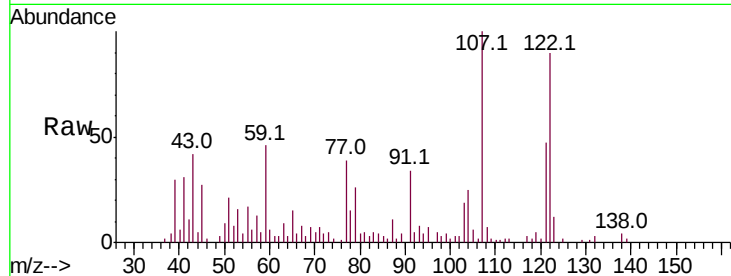




#27
2,4-Dimethylphenol
Concen: 3.435 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

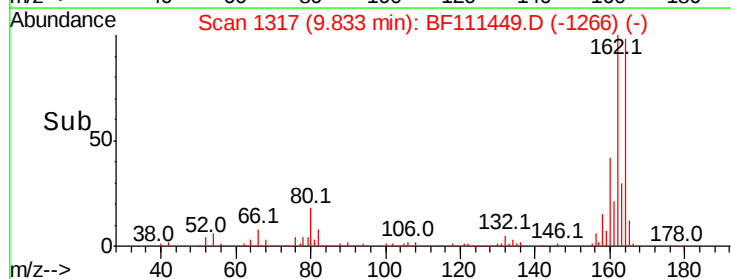
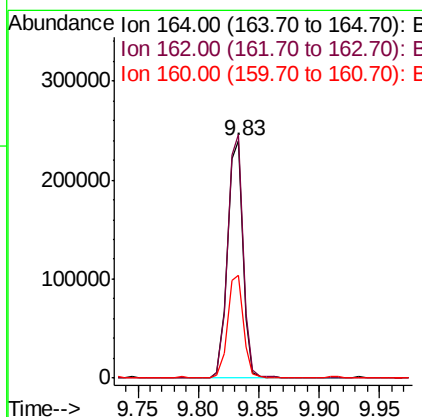
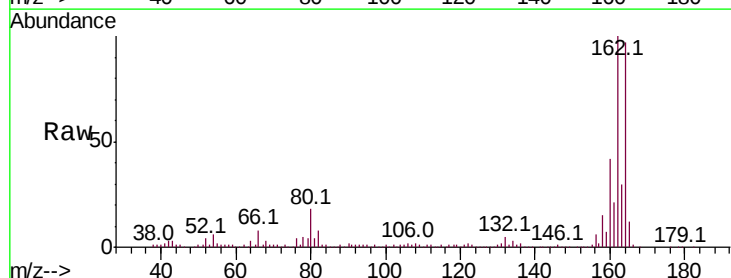
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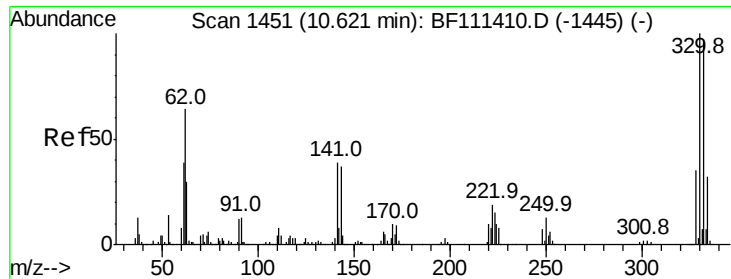
Tot Ion:122 Resp: 24308
Ion Ratio Lower Upper
122 100
107 111.1 85.5 128.3
121 52.3 46.6 70.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:164 Resp: 215576
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 43.2 35.7 53.5

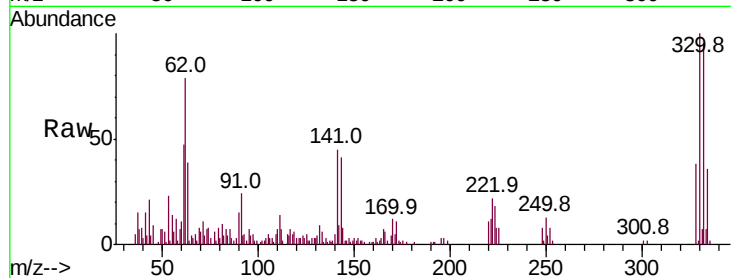




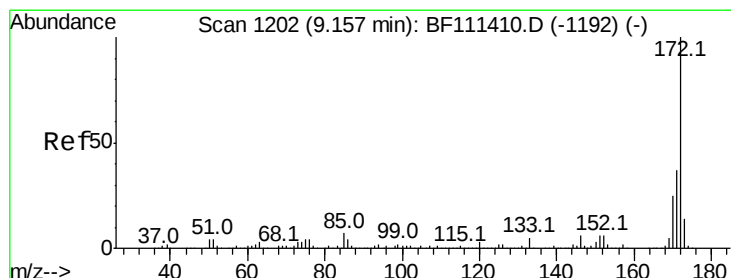
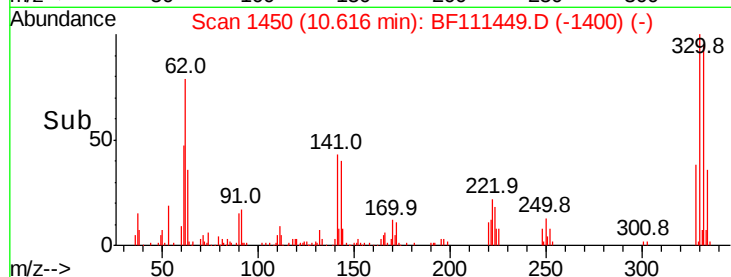
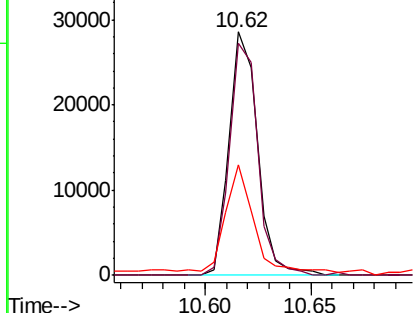
#42
 2,4,6-Tribromophenol
 Concen: 13.772 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	50.6	31.0	46.6#

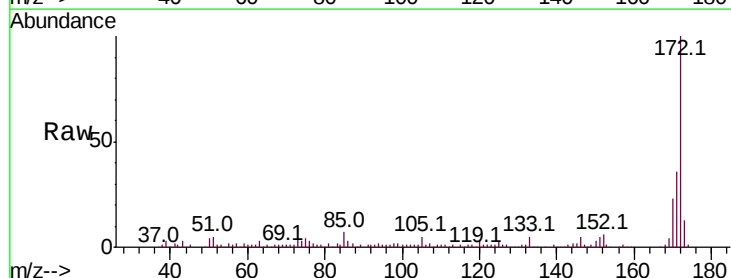


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

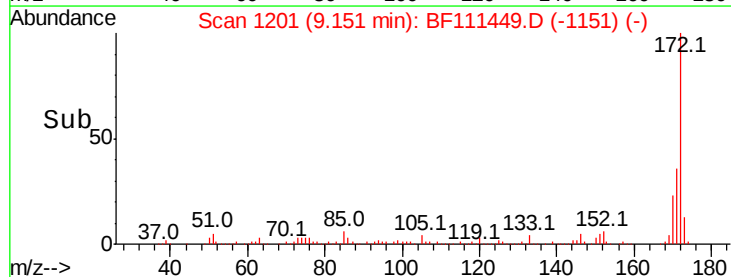
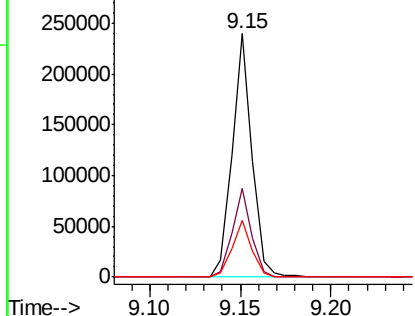


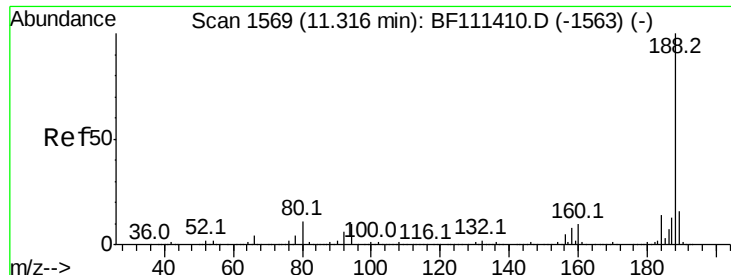
#45
 2-Fluorobiphenyl
 Concen: 13.083 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	23.4	22.3	33.5



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

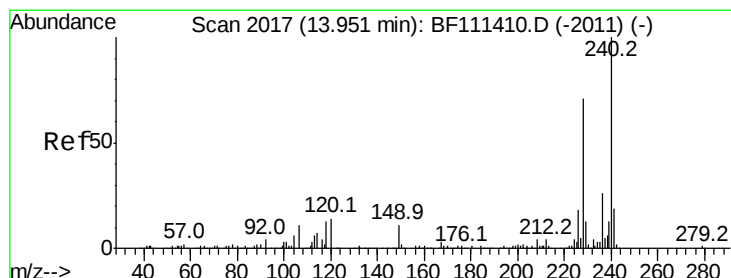
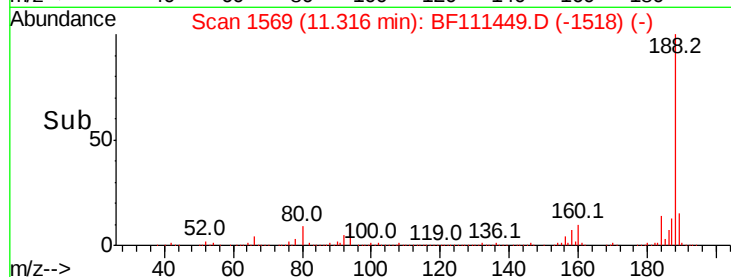
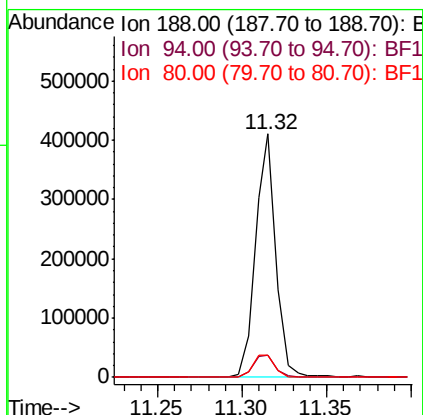
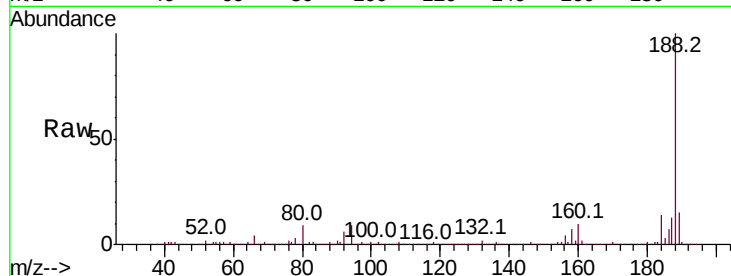




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

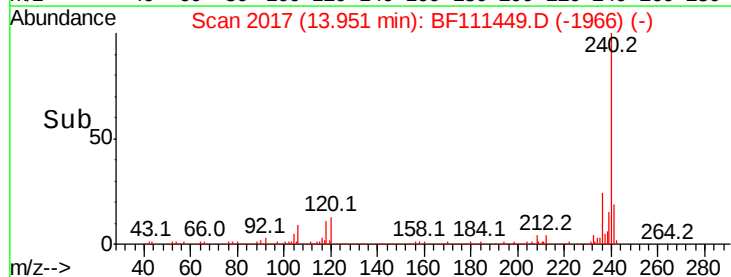
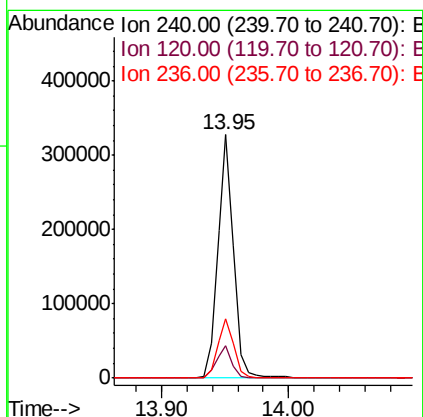
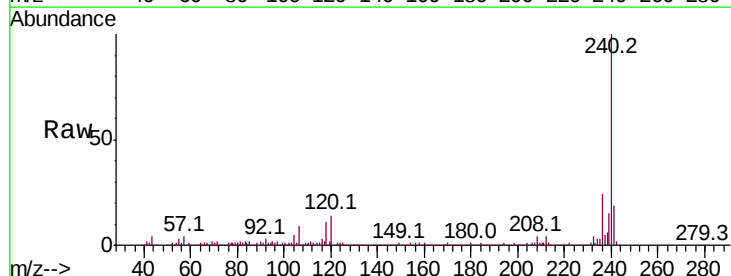
Instrument :
BNA_F
ClientSampleId :
P001-SW003-01DL

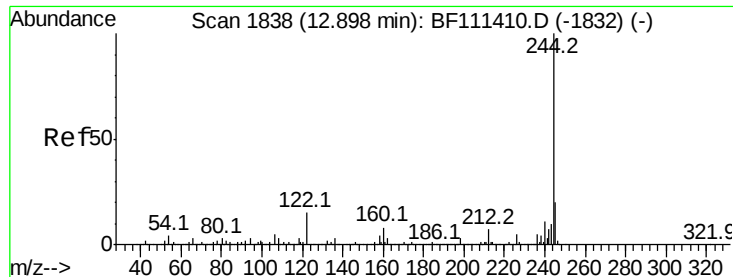
Tot Ion:188 Resp: 342882
Ion Ratio Lower Upper
188 100
94 9.0 9.6 14.4#
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111449.D
Acq: 15 Dec 2018 5:44

Tgt Ion:240 Resp: 287147
Ion Ratio Lower Upper
240 100
120 13.5 12.2 18.2
236 24.5 20.2 30.2

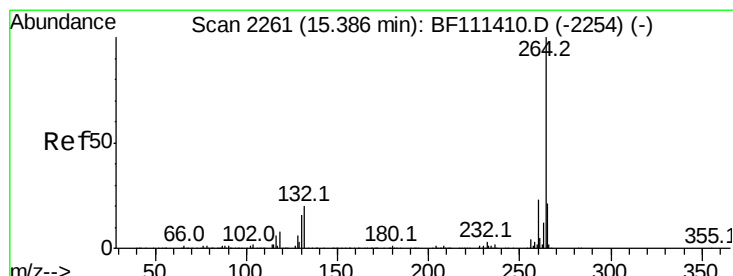
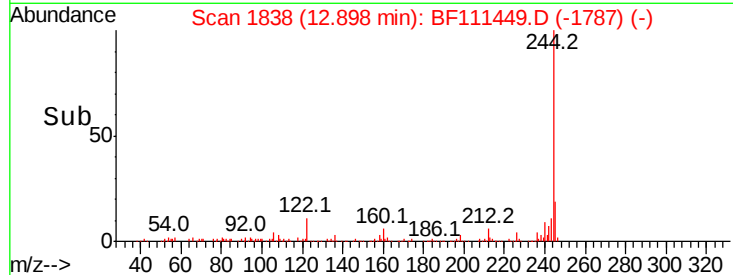
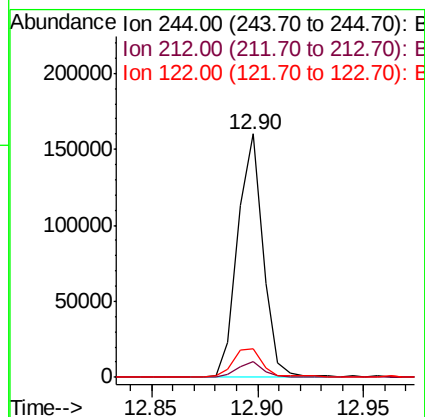
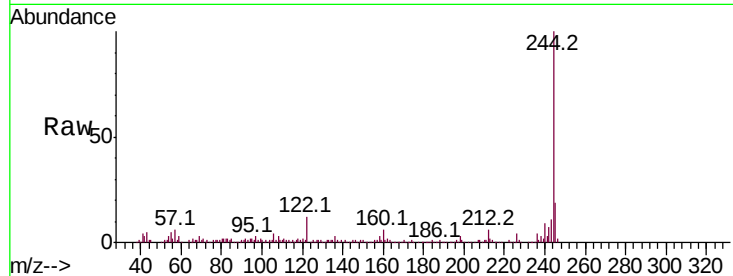




#79
 Terphenyl-d14
 Concen: 10.826 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW003-01DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	11.6	13.1	19.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111449.D
 Acq: 15 Dec 2018 5:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	17.7	26.5

