

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112868.D
 Acq On : 5 Mar 2019 22:42
 Operator : JU/SJ
 Sample : K1714-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-0-2

Quant Time: Mar 06 01:46:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

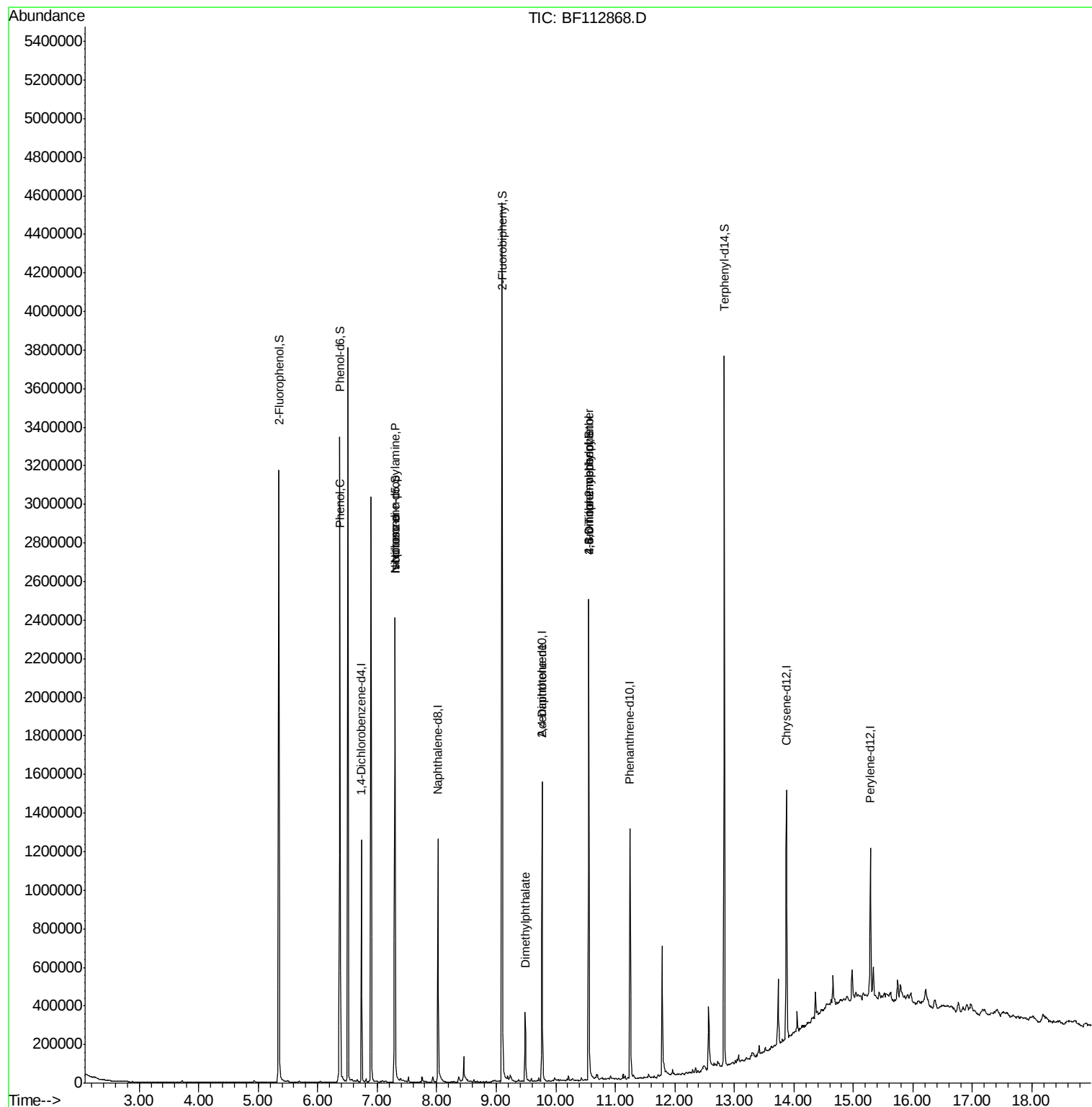
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167122	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	651027	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	302500	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	554973	20.00	ng	0.00
76) Chrysene-d12	13.87	240	456334	20.00	ng	0.00
87) Perylene-d12	15.29	264	353932	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	951671	88.58	ng	0.00
7) Phenol-d6	6.37	99	1276351	94.57	ng	0.00
23) Nitrobenzene-d5	7.30	82	773147	71.06	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	371730	115.75	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1468272	78.91	ng	0.00
79) Terphenyl-d14	12.83	244	1329482	56.48	ng	0.00
Target Compounds						
10) Phenol	6.39	94	78888	5.009	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	102516	11.994	ng	# 75
25) Isophorone	7.30	82	749182	31.963	ng	# 66
50) Dimethylphthalate	9.49	163	146020	6.547	ng	99
57) 2,4-Dinitrotoluene	9.77	165	38850	6.729	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	479	4.803	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	21018	3.596	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
Data File : BF112868.D
Acq On : 5 Mar 2019 22:42
Operator : JU/SJ
Sample : K1714-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Quant Time: Mar 06 01:46:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



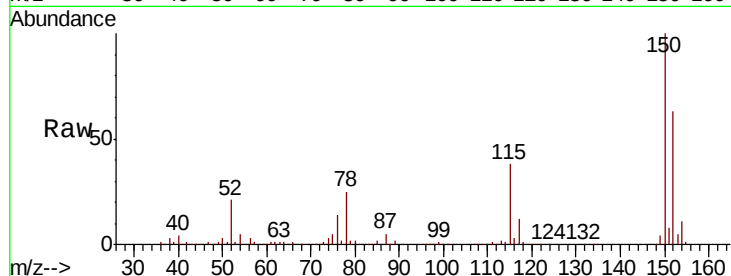


#1

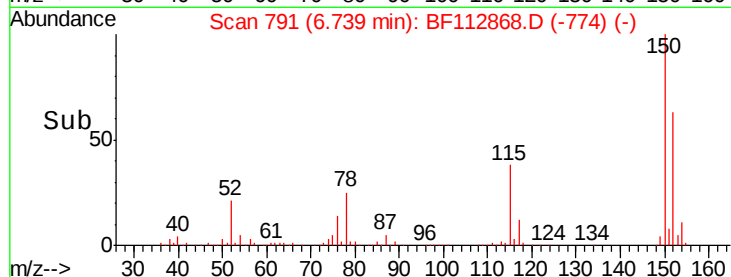
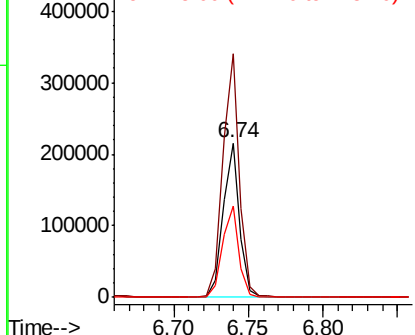
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Instrument :
BNA_F
ClientSampled :
SB-A-0-2

Tgt Ion:152 Resp: 167122
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.2
115 59.5 48.2 72.4



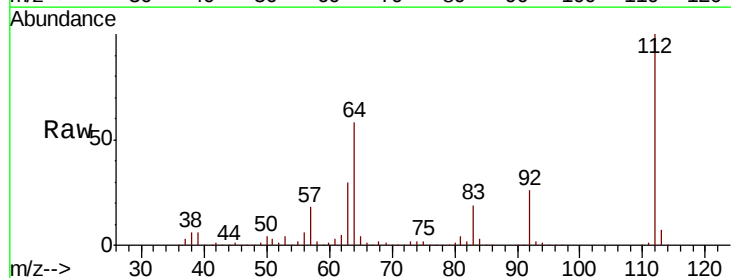
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



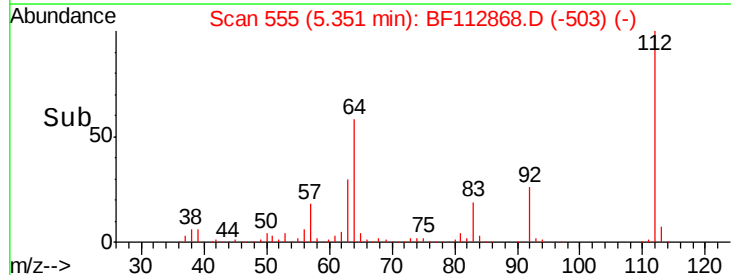
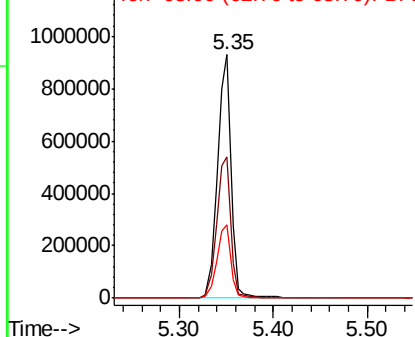
#5

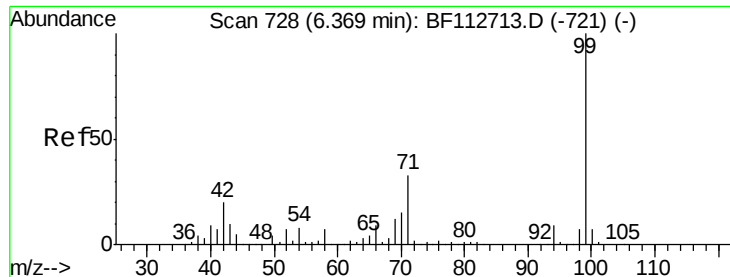
2-Fluorophenol
Concen: 88.580 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion:112 Resp: 951671
Ion Ratio Lower Upper
112 100
64 58.2 47.6 71.4
63 30.0 24.4 36.6



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: 94.574 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

Instrument :

BNA_F

ClientSampleId :

SB-A-0-2

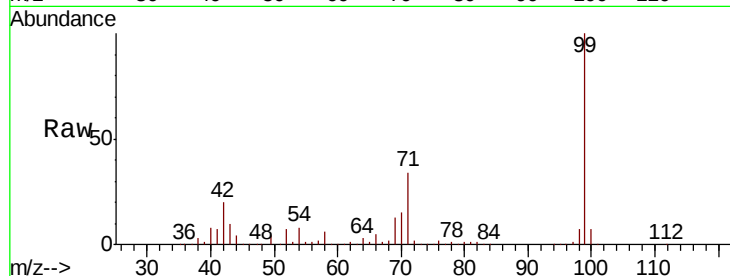
Tgt Ion: 99 Resp: 1276351

Ion Ratio Lower Upper

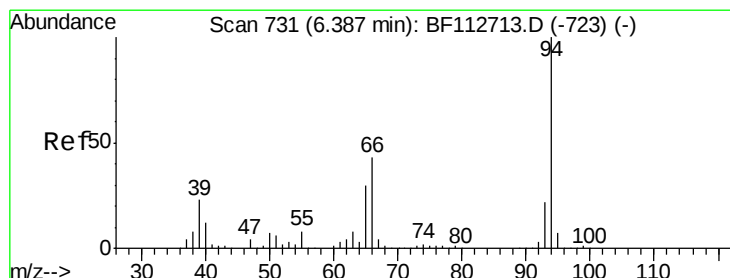
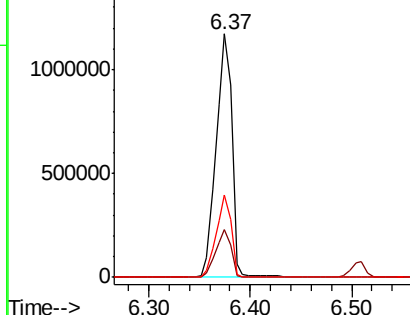
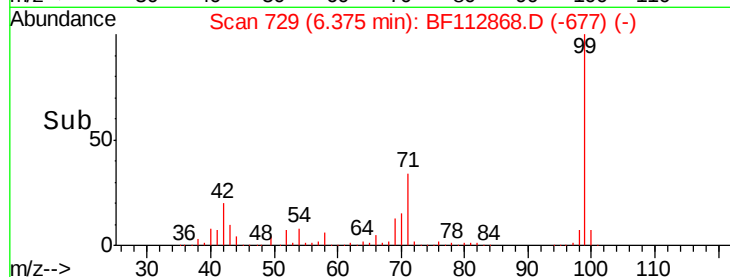
99 100

42 19.8 16.3 24.5

71 34.0 26.2 39.4



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: 5.009 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112868.D

Acq: 5 Mar 2019 22:42

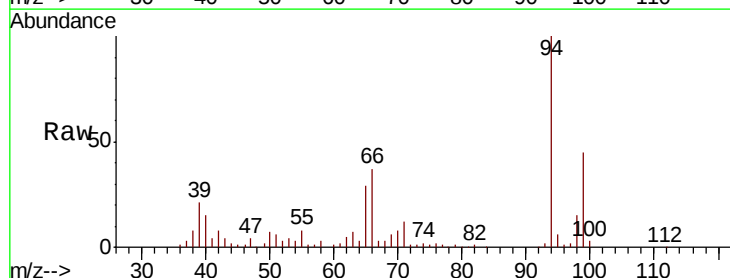
Tgt Ion: 94 Resp: 78888

Ion Ratio Lower Upper

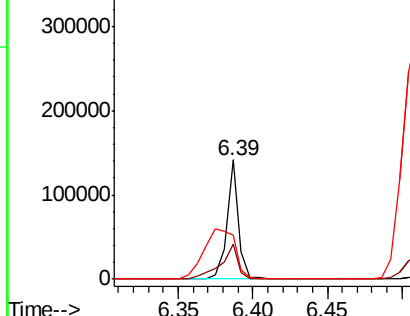
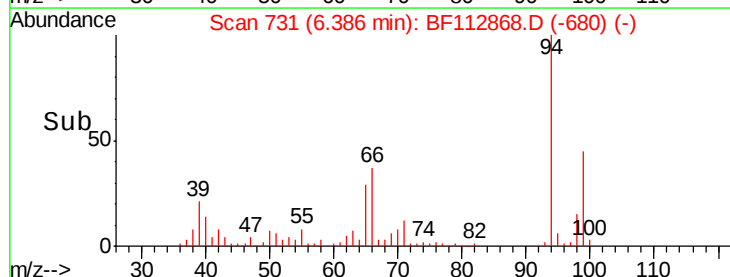
94 100

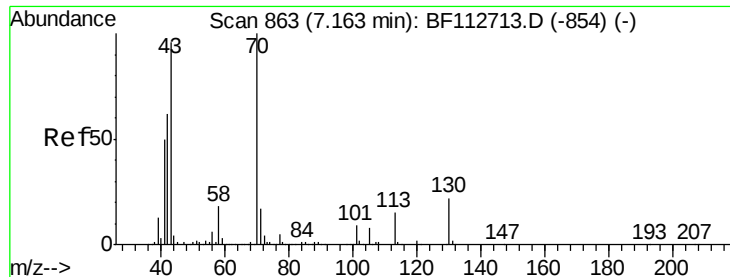
65 28.8 10.5 50.5

66 36.5 22.6 62.6



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

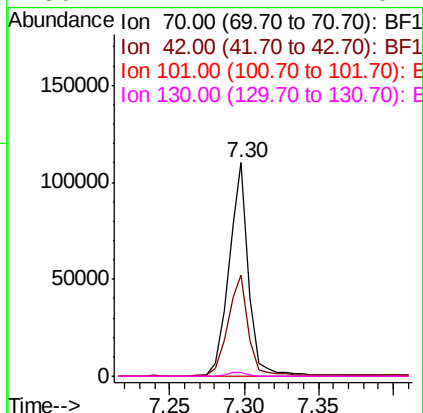
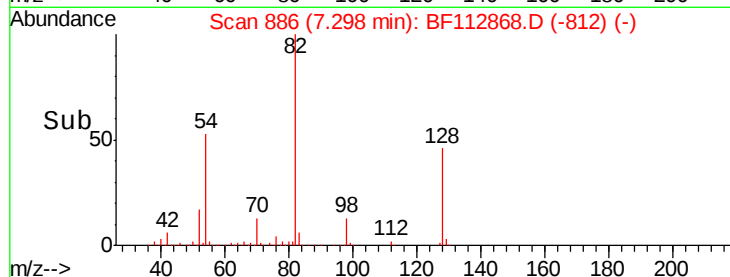
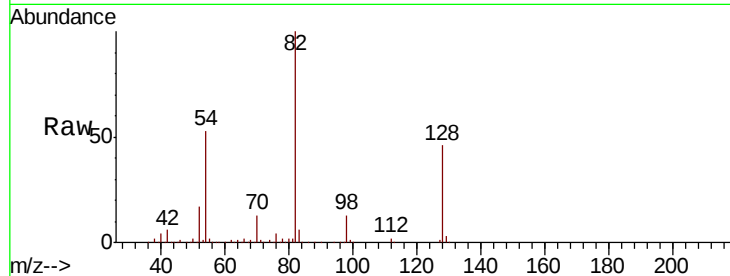




#19
n-Nitroso-di-n-propylamine
Concen: 11.994 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

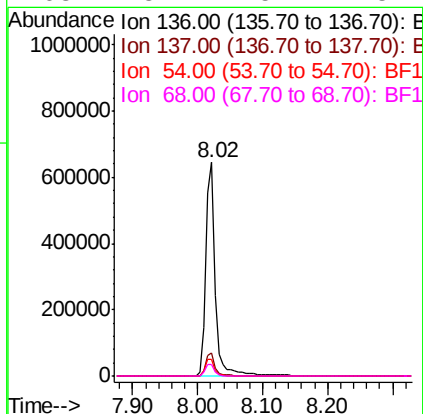
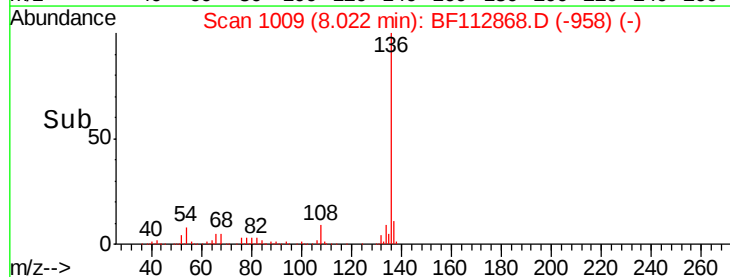
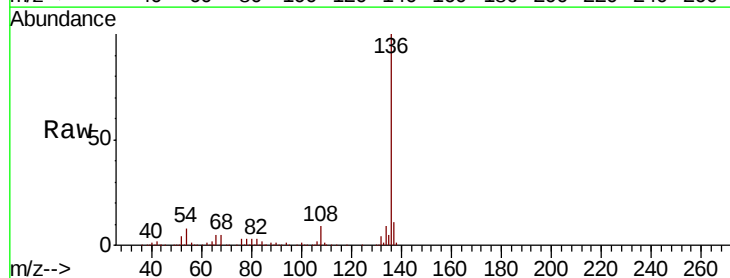
Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

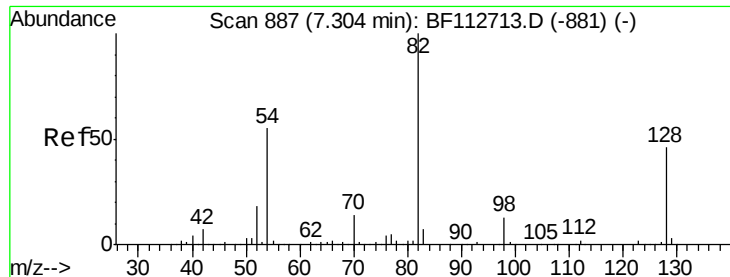
Tgt Ion: 70 Resp: 102516
Ion Ratio Lower Upper
70 100
42 47.2 49.9 74.9#
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion: 136 Resp: 651027
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.3 10.9
68 5.4 5.4 8.2#

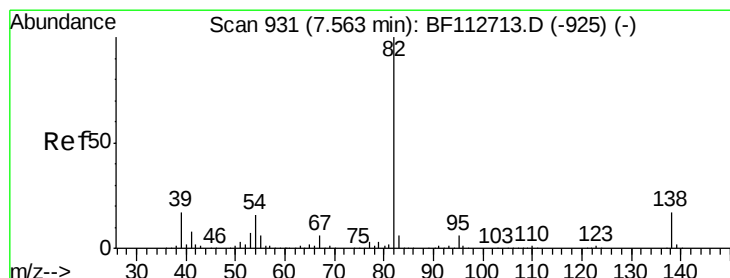
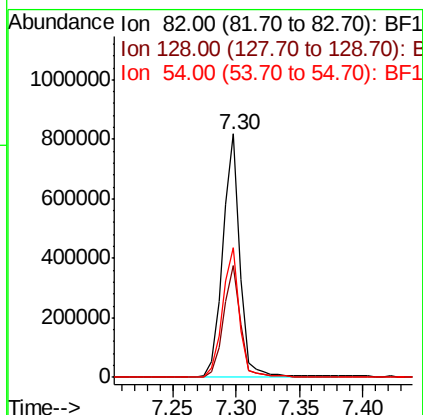
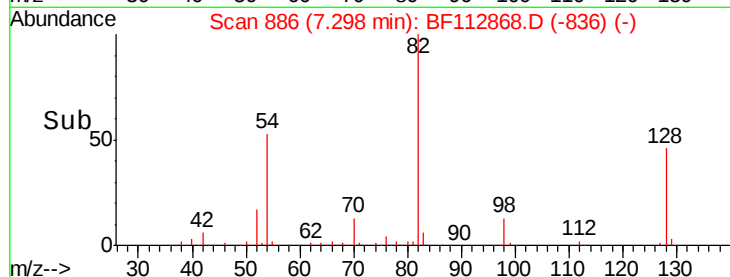
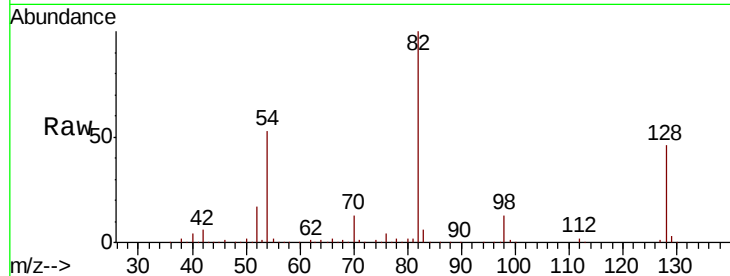




#23
Nitrobenzene-d5
Concen: 71.062 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

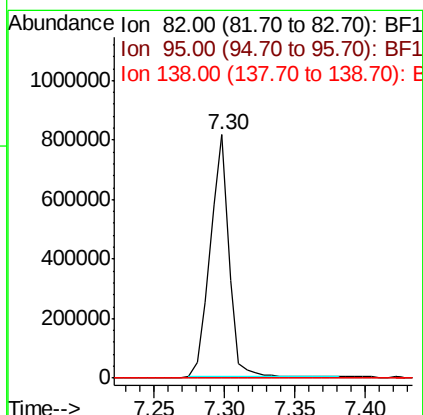
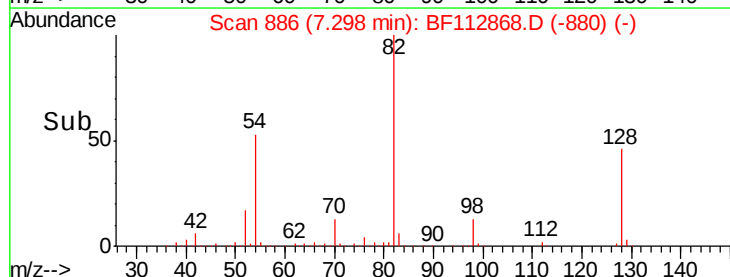
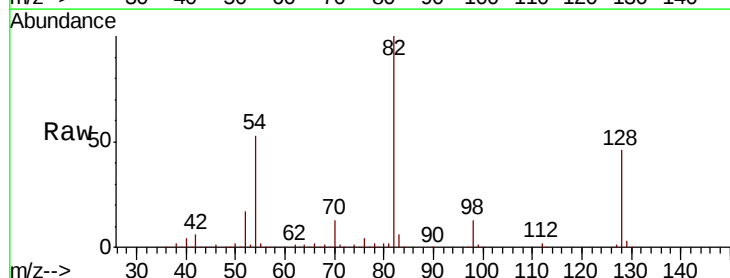
Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

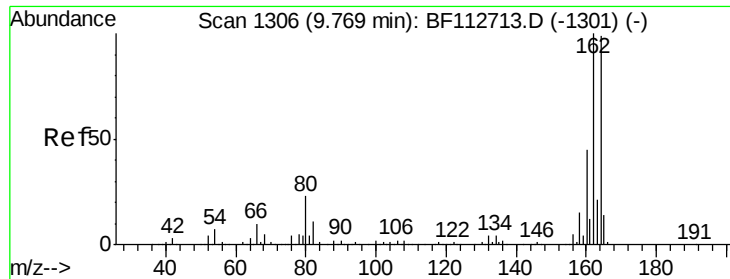
Tgt Ion: 82 Resp: 773147
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 53.4 43.7 65.5



#25
Isophorone
Concen: 31.963 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion: 82 Resp: 749182
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#

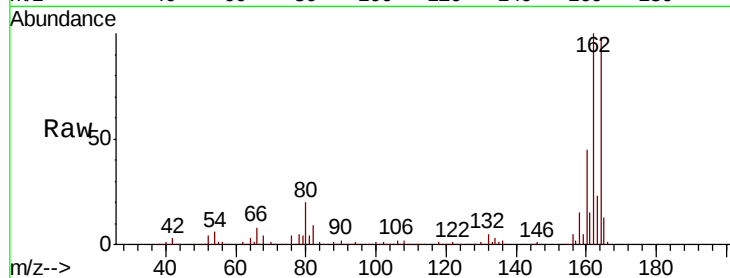




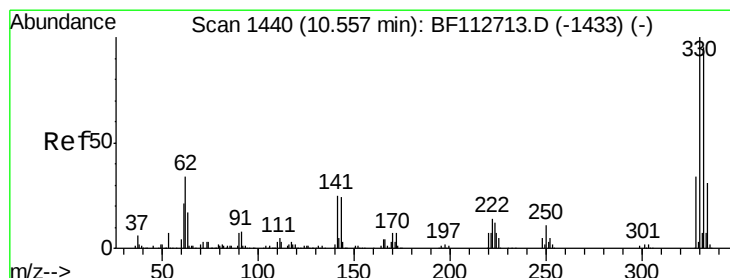
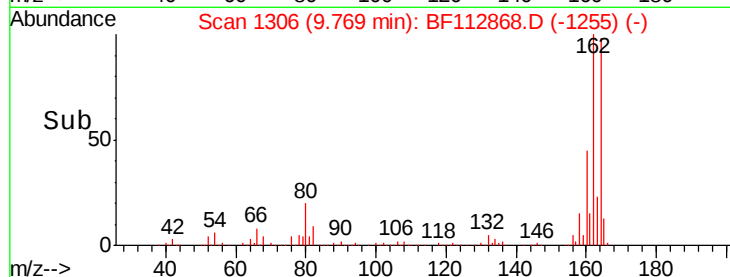
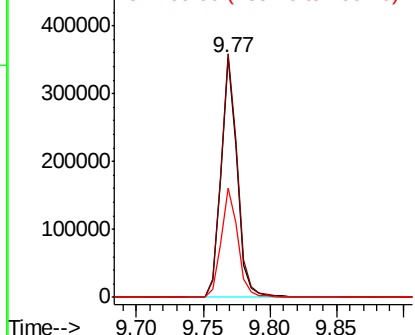
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.8	36.0	54.0

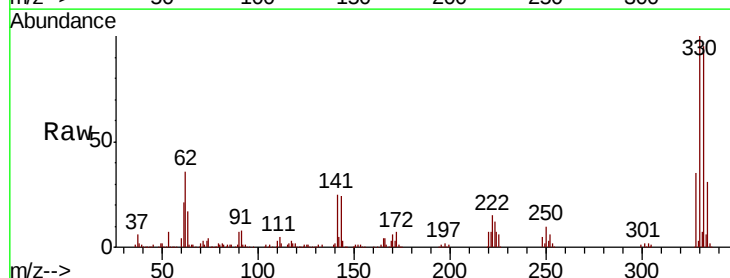


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

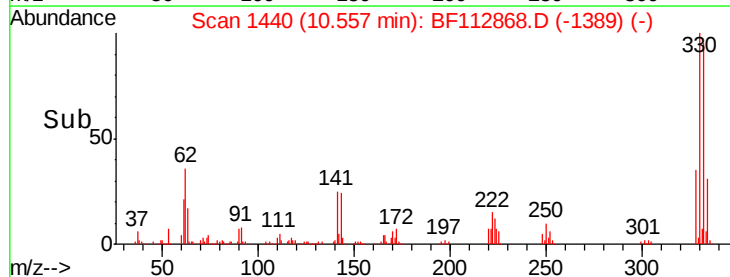
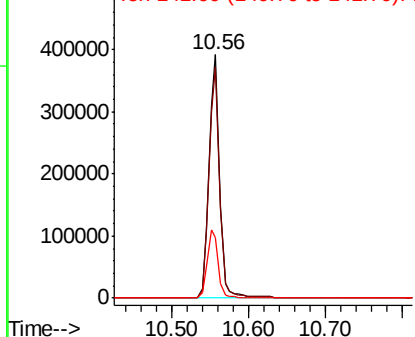


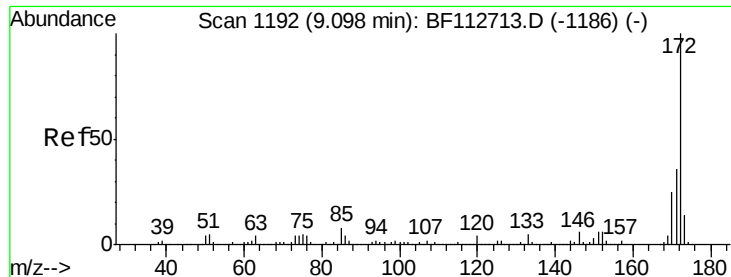
#42
2,4,6-Tribromophenol
Concen: 115.753 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	29.7	27.0	40.6



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

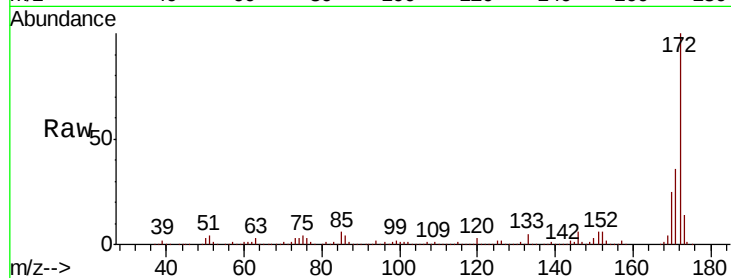




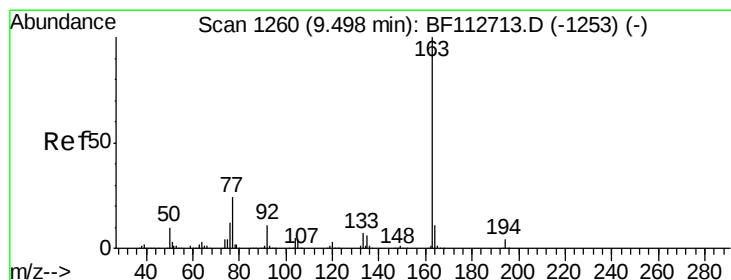
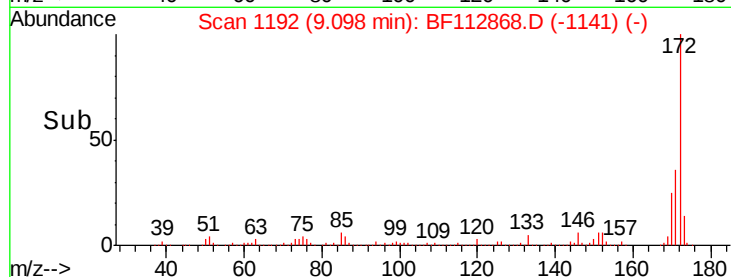
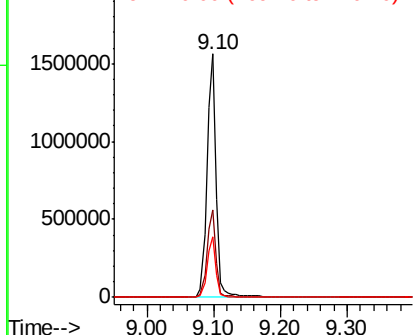
#45
 2-Fluorobiphenyl
 Concen: 78.911 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112868.D
 Acq: 5 Mar 2019 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-A-0-2

Tgt Ion:172 Resp: 1468272
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.7 20.0 30.0

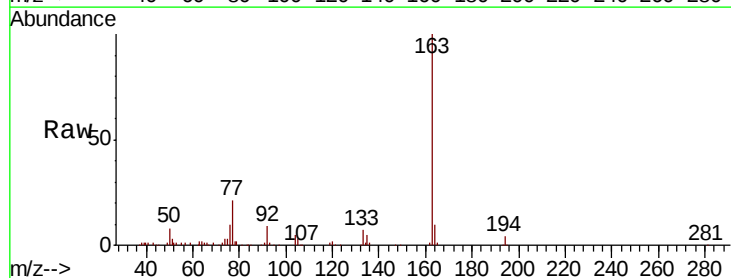


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

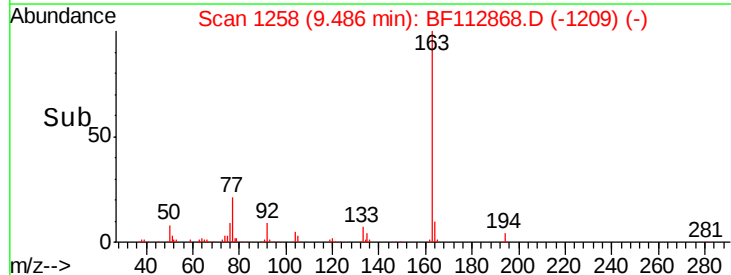
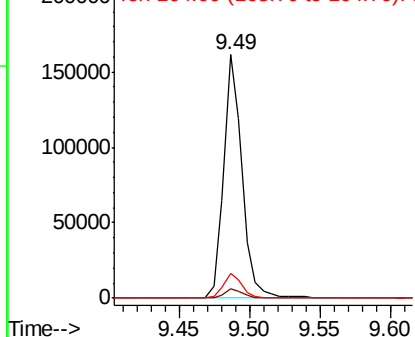


#50
 Dimethylphthalate
 Concen: 6.547 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF112868.D
 Acq: 5 Mar 2019 22:42

Tgt Ion:163 Resp: 146020
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

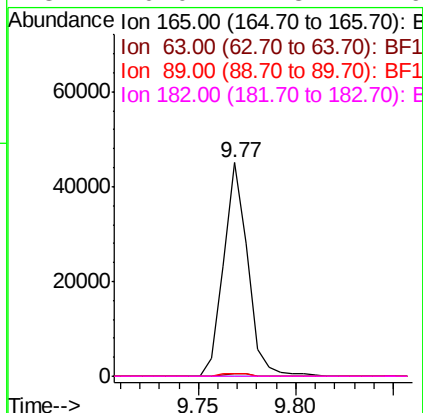
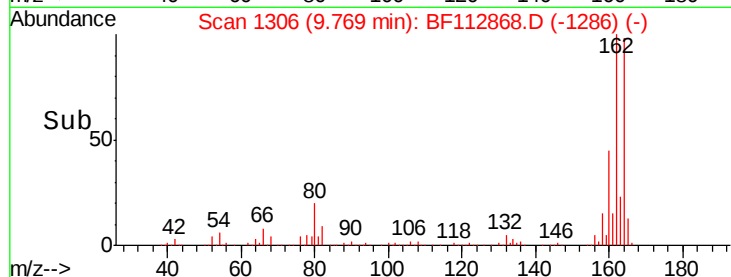
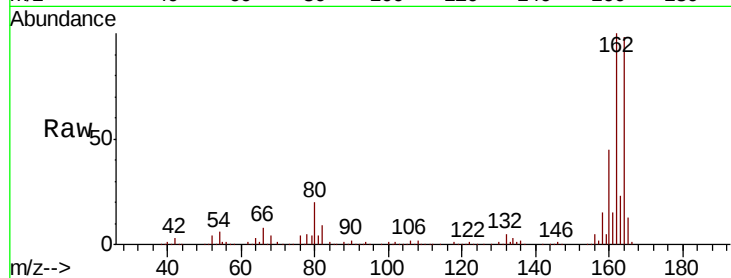




#57
2,4-Dinitrotoluene
Concen: 6.729 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

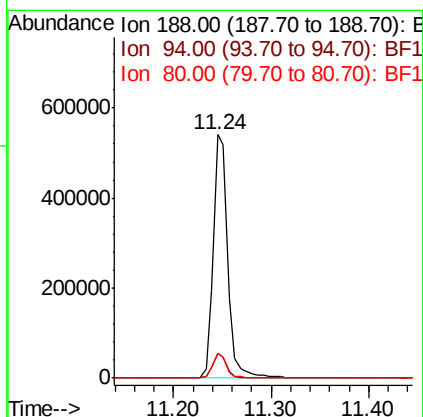
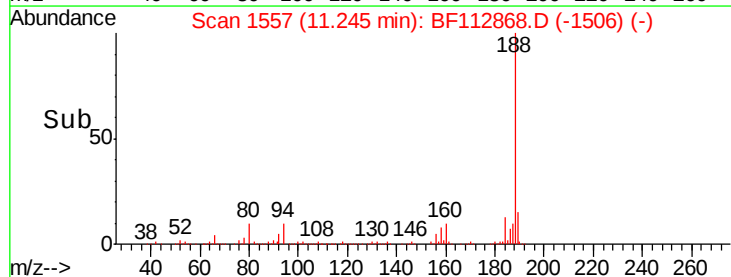
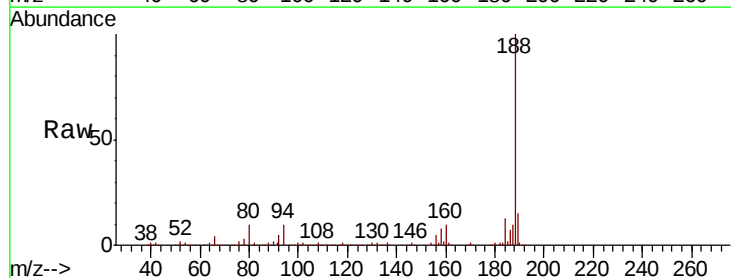
Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.4	9.2	13.8

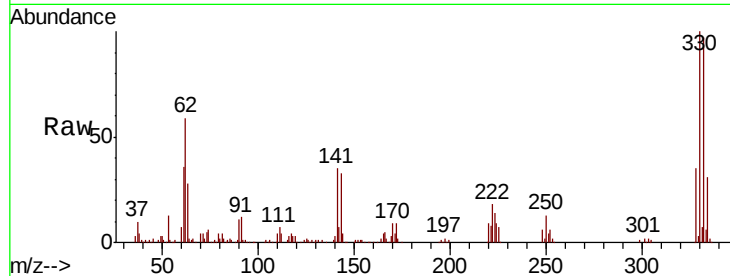




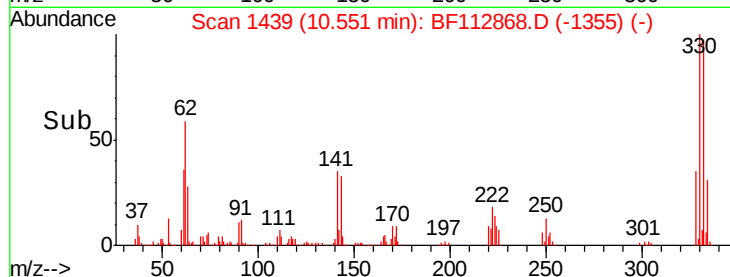
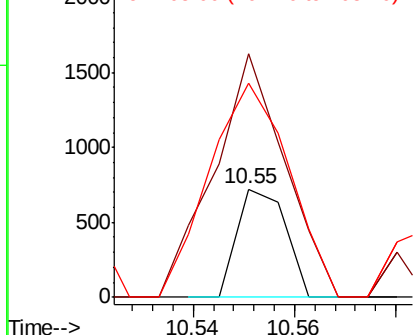
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.803 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF112868.D
 Acq: 5 Mar 2019 22:42

Instrument :
 BNA_F
 ClientSampled :
 SB-A-0-2

Tgt Ion:198 Resp: 479
 Ion Ratio Lower Upper
 198 100
 51 224.8 43.8 83.8#
 105 197.2 36.5 76.5#

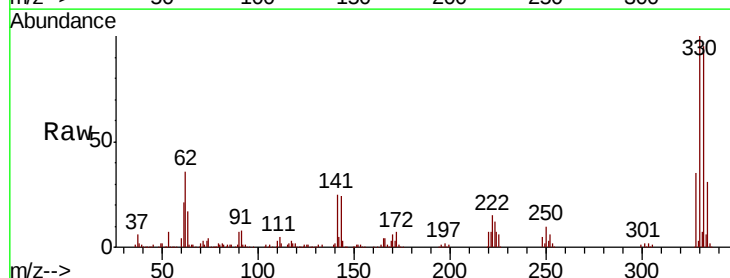


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

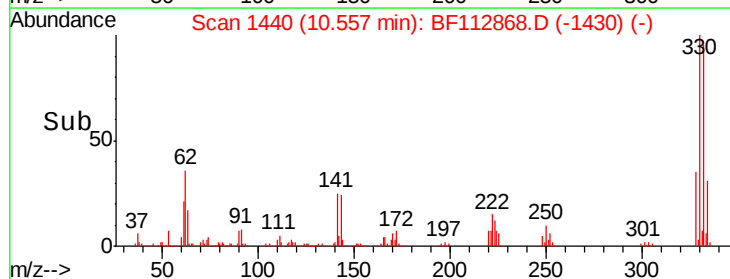
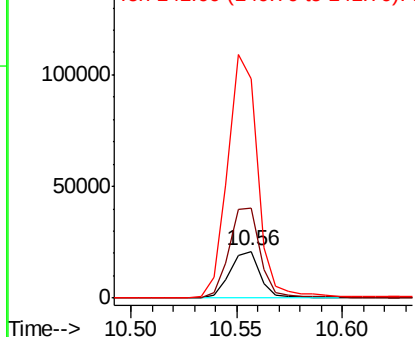


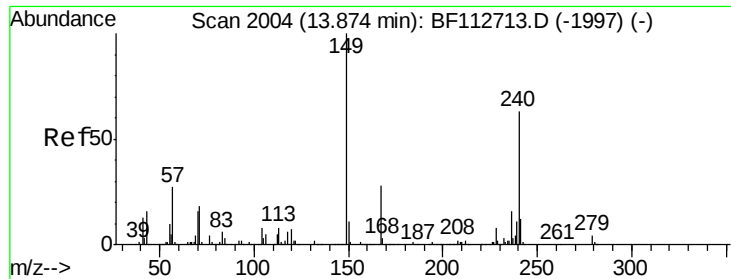
#67
 4-Bromophenyl-phenylether
 Concen: 3.596 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF112868.D
 Acq: 5 Mar 2019 22:42

Tgt Ion:248 Resp: 21018
 Ion Ratio Lower Upper
 248 100
 250 192.5 77.5 116.3#
 141 468.3 62.4 93.6#



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

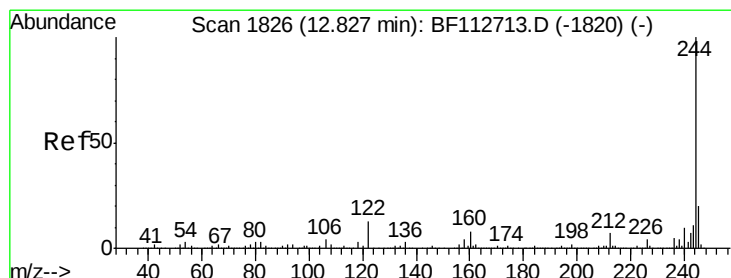
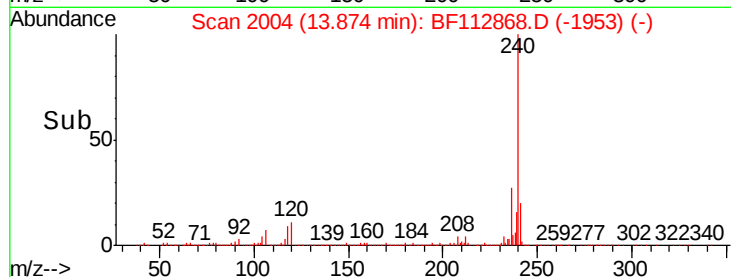
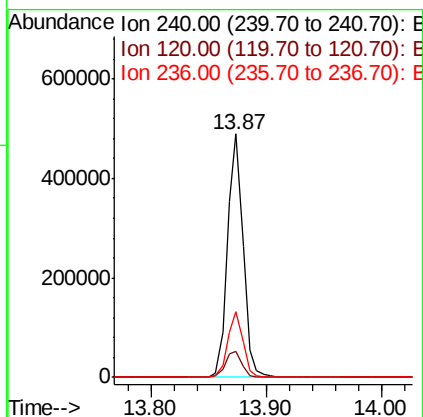
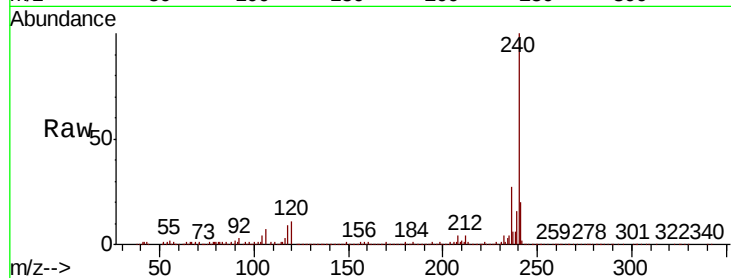




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

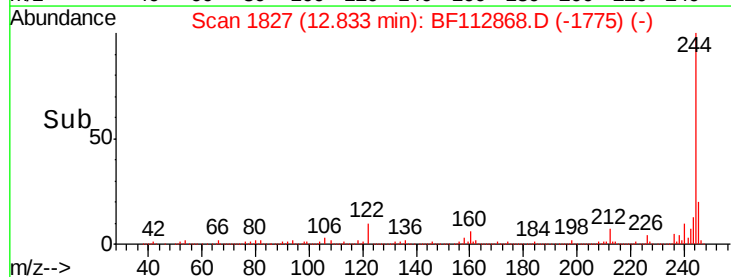
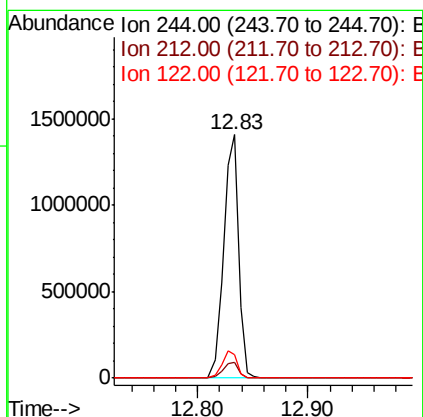
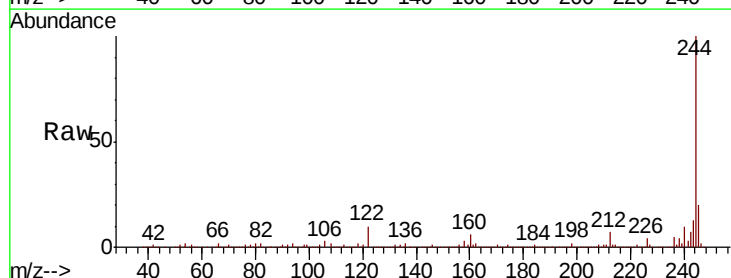
Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

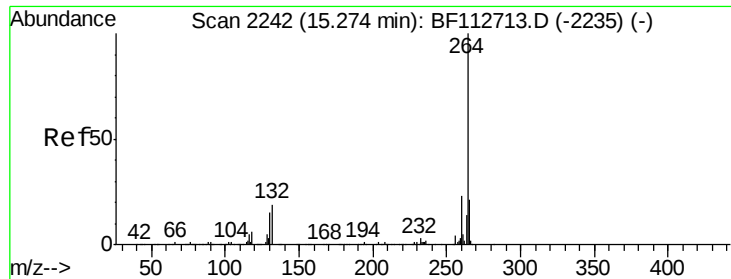
Tgt Ion:240 Resp: 456334
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 27.1 20.7 31.1



#79
Terphenyl-d14
Concen: 56.476 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Tgt Ion:244 Resp: 1329482
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.8 10.5 15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112868.D
Acq: 5 Mar 2019 22:42

Instrument :
BNA_F
ClientSampleId :
SB-A-0-2

Tgt Ion: 264 Resp: 353932
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.8 17.2 25.8

