

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030519\
 Data File : BF112871.D
 Acq On : 6 Mar 2019 00:07
 Operator : JU/SJ
 Sample : K1714-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Mar 06 01:47:15 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

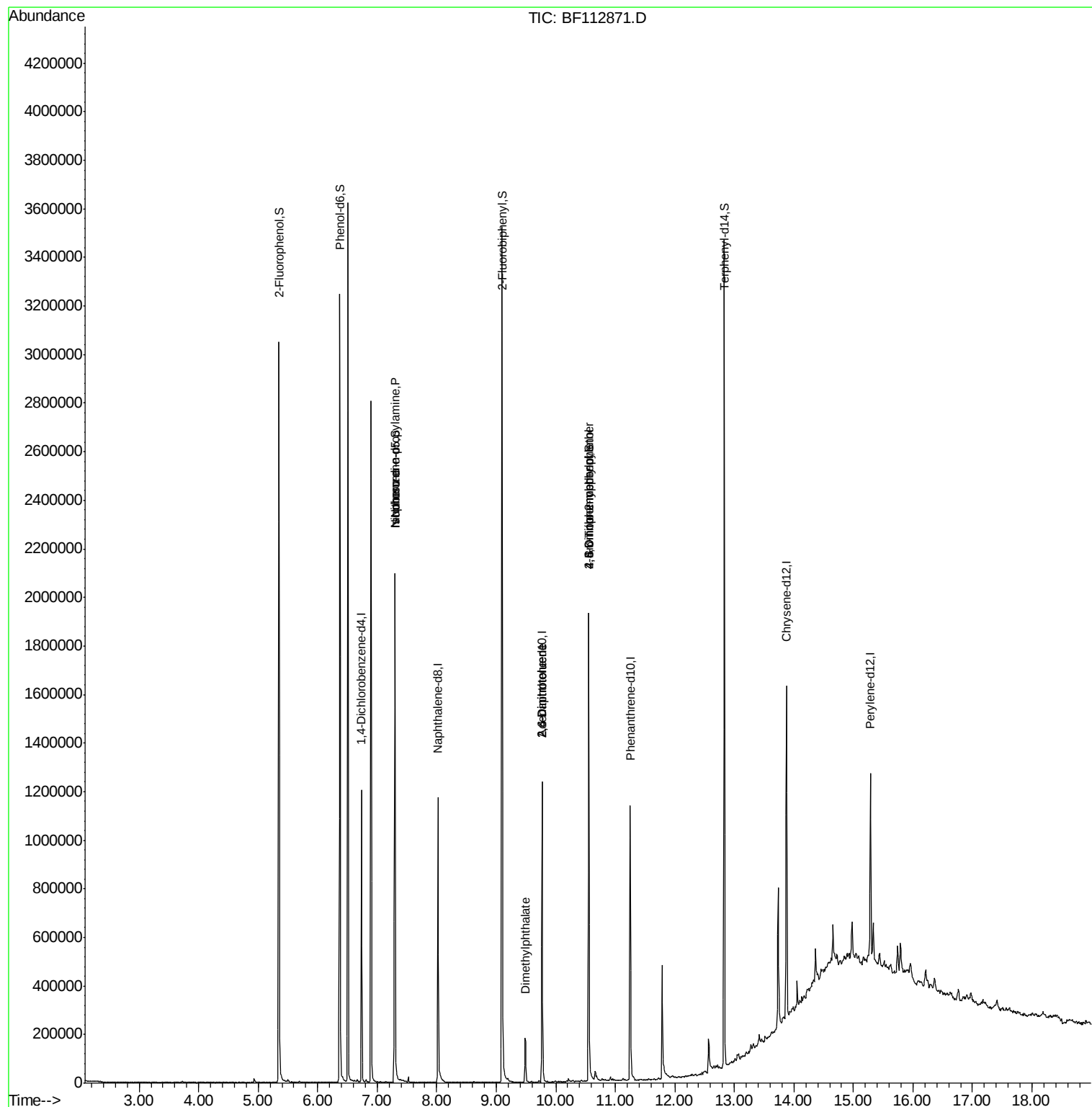
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	168528	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	613061	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	264666	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	490638	20.00	ng	0.00
76) Chrysene-d12	13.87	240	482449	20.00	ng	0.00
87) Perylene-d12	15.29	264	358077	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	876408	80.89	ng	0.00
7) Phenol-d6	6.37	99	1130874	83.10	ng	0.00
23) Nitrobenzene-d5	7.30	82	681221	66.49	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	296739	105.61	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1225016	74.15	ng	0.00
79) Terphenyl-d14	12.83	244	1232484	49.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	89004	10.326	ng	Qvalue # 78
25) Isophorone	7.30	82	656874	29.760	ng	# 66
50) Dimethylphthalate	9.49	163	88482	4.534	ng	98
51) 2,6-Dinitrotoluene	9.77	165	33586	8.265	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	33586	6.649	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	339	4.765	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	16864	3.263	ng	# 1

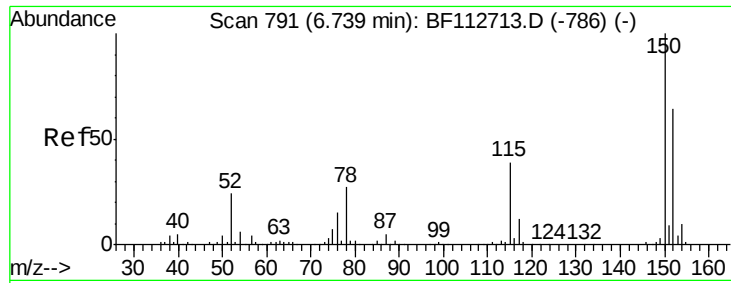
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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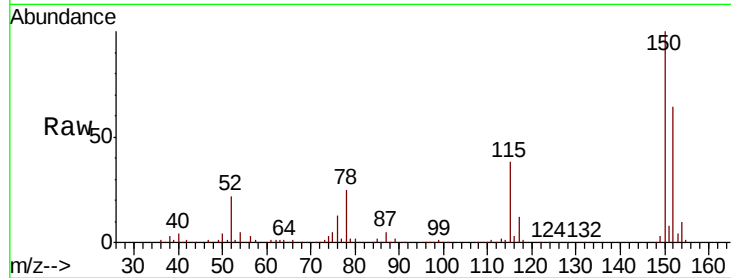




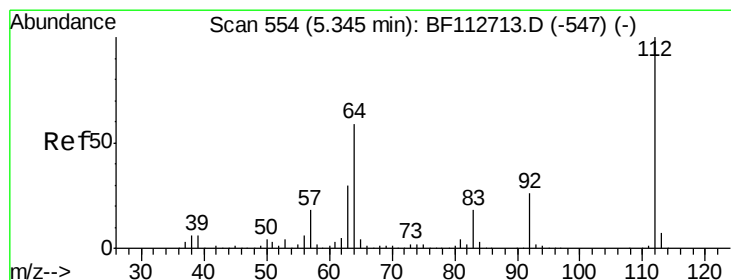
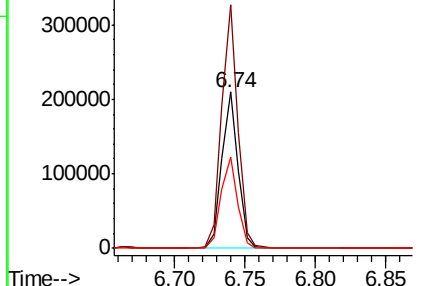
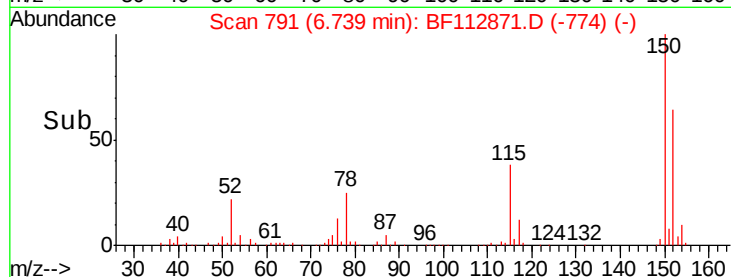
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF112871.D
 Acq: 6 Mar 2019 00:07

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

Tgt Ion:152 Resp: 168528
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 58.6 48.2 72.4

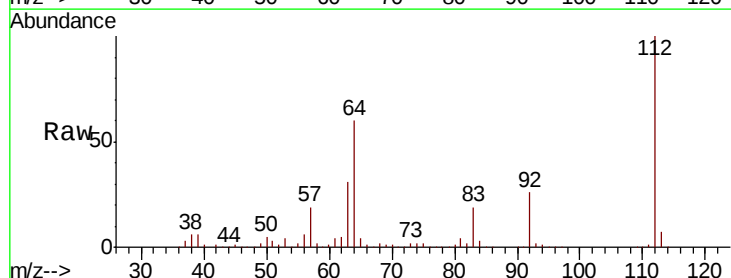


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

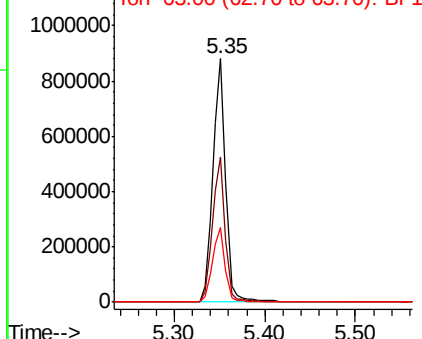
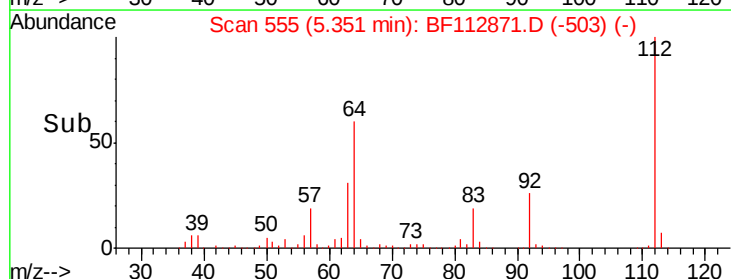


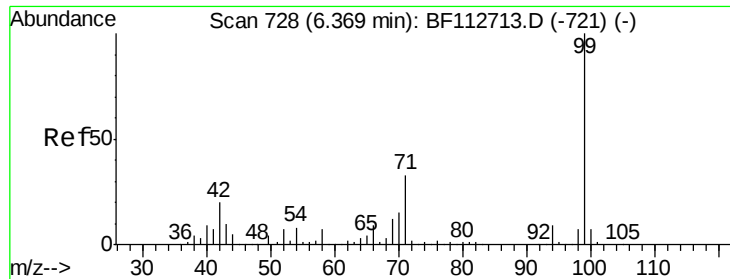
#5
 2-Fluorophenol
 Concen: 80.894 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112871.D
 Acq: 6 Mar 2019 00:07

Tgt Ion:112 Resp: 876408
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.6 71.4
 63 30.9 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: 83.096 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112871.D

Acq: 6 Mar 2019 00:07

Instrument :

BNA_F

ClientSampleId :

SB-B-0-2

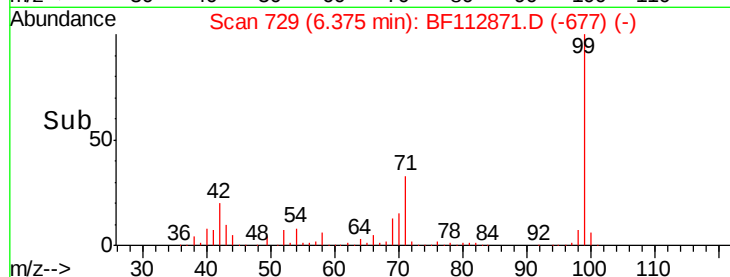
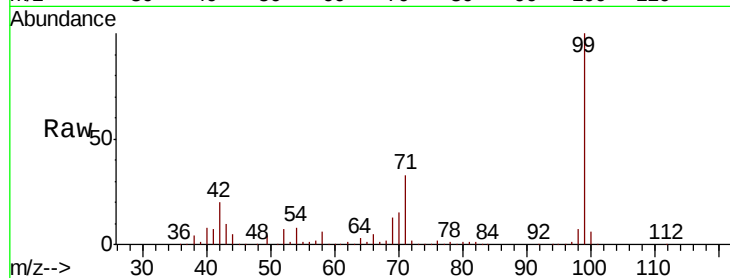
Tgt Ion: 99 Resp: 1130874

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

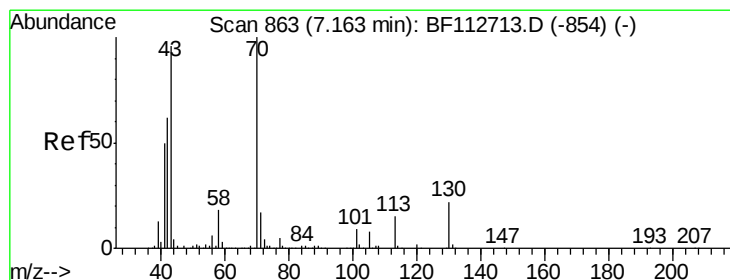
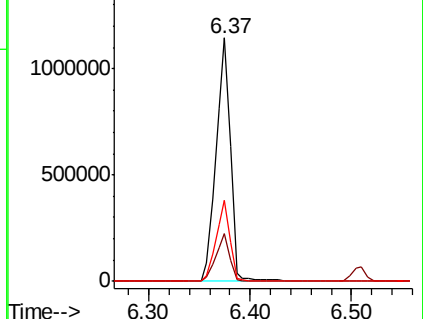
71 33.4 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.326 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF112871.D

Acq: 6 Mar 2019 00:07

Tgt Ion: 70 Resp: 89004

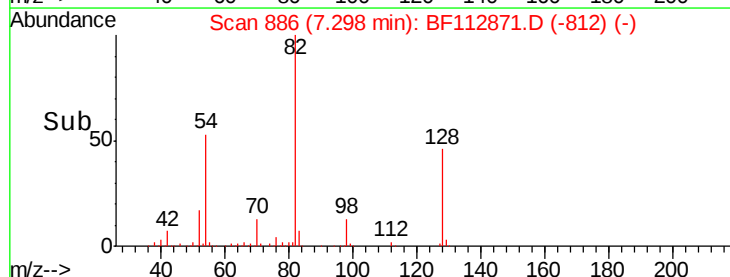
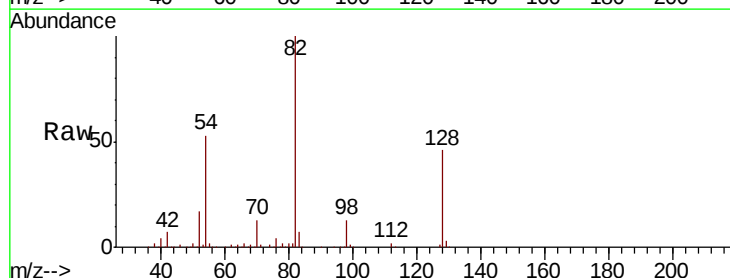
Ion Ratio Lower Upper

70 100

42 50.6 49.9 74.9

101 0.0 7.4 11.2#

130 2.2 17.4 26.2#

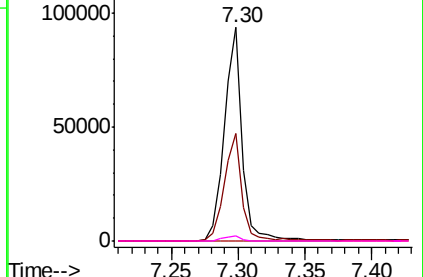


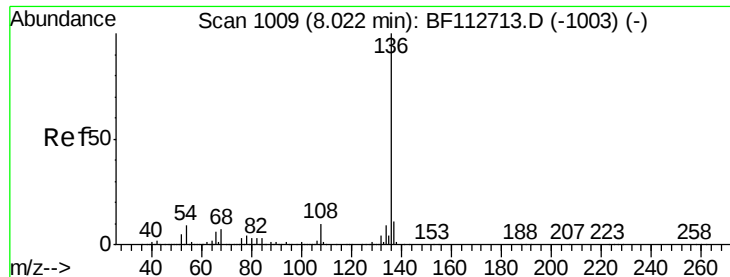
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

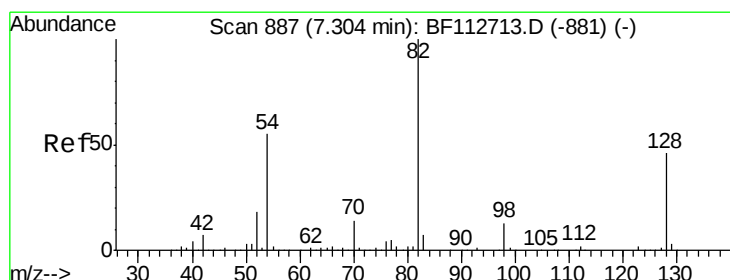
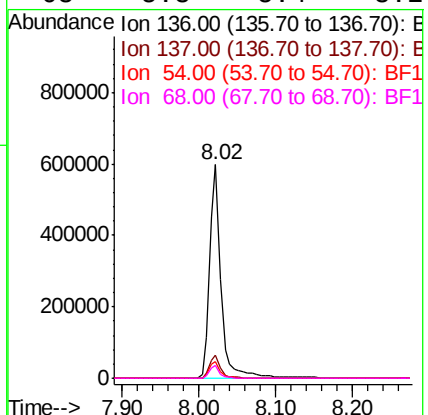
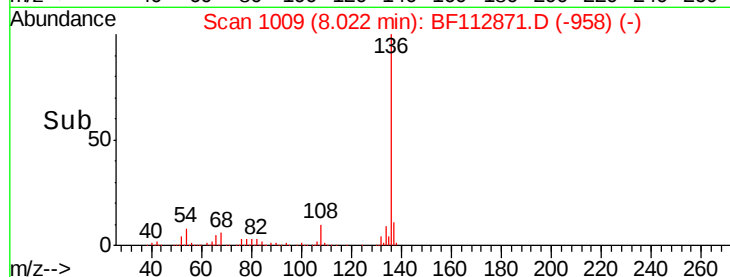
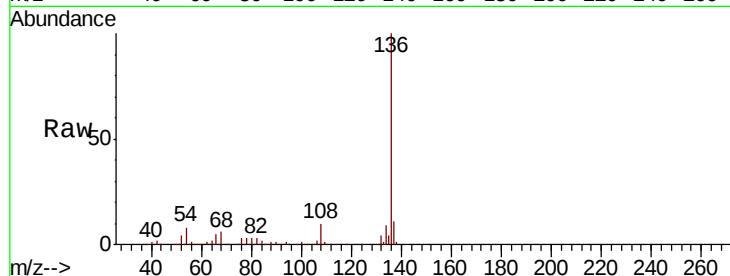




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

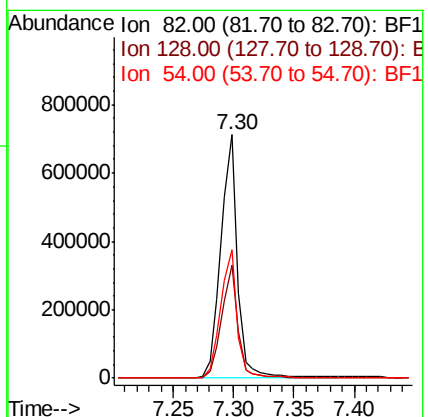
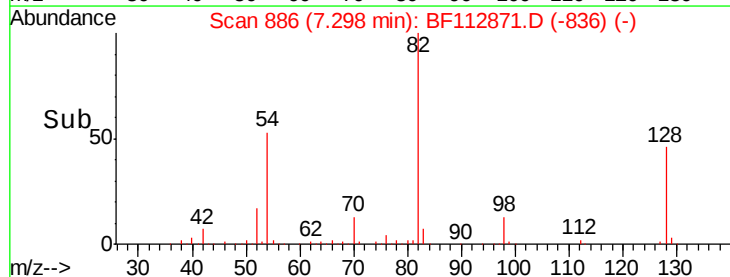
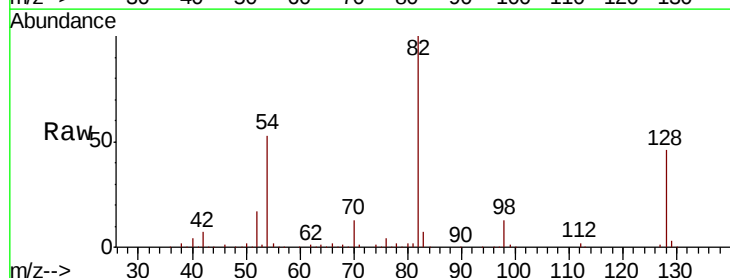
Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

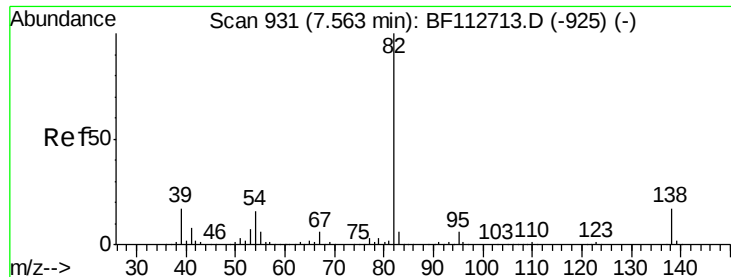
Tgt Ion:	136	Resp:	613061
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	7.3	10.9
68	5.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 66.491 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:	82	Resp:	681221
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	52.7	43.7	65.5





#25

Isophorone

Concen: 29.760 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112871.D

Acq: 6 Mar 2019 00:07

Instrument :

BNA_F

ClientSampleID :

SB-B-0-2

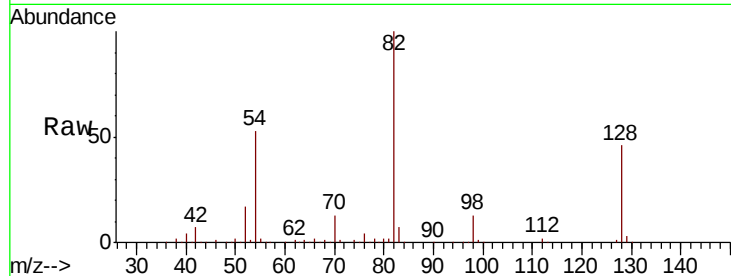
Tgt Ion: 82 Resp: 656874

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

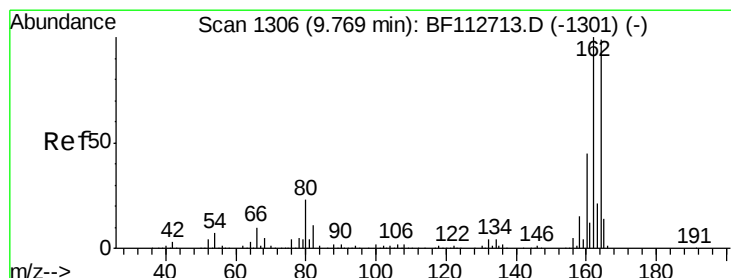
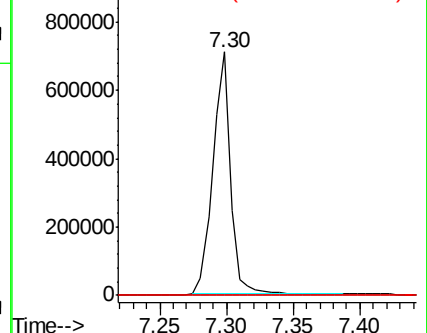
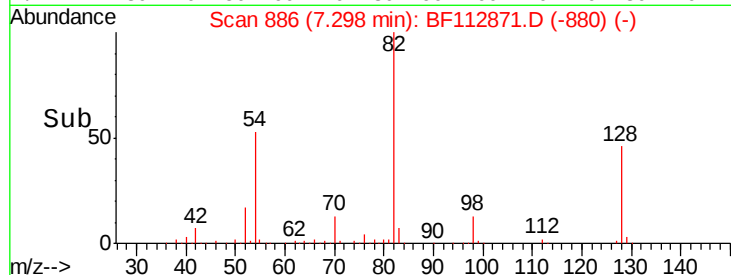
138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF112871.D

Acq: 6 Mar 2019 00:07

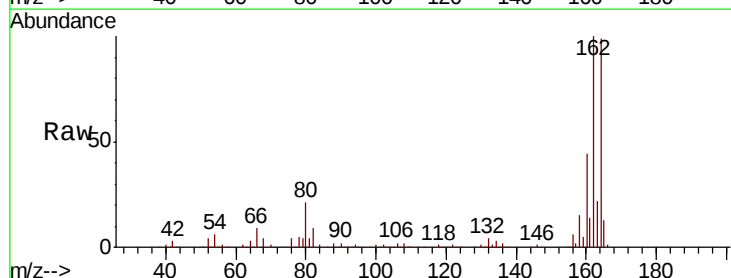
Tgt Ion: 164 Resp: 264666

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

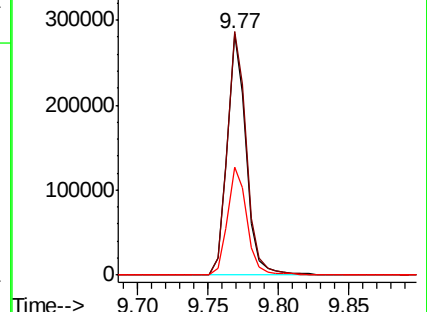
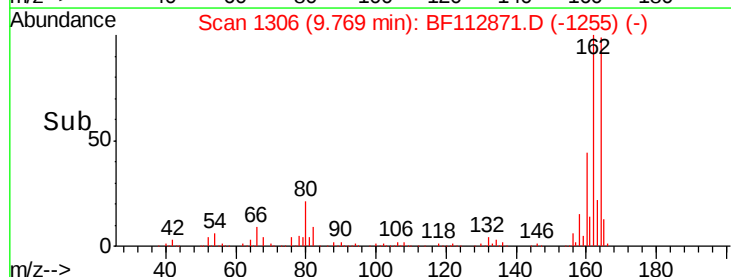
160 44.7 36.0 54.0

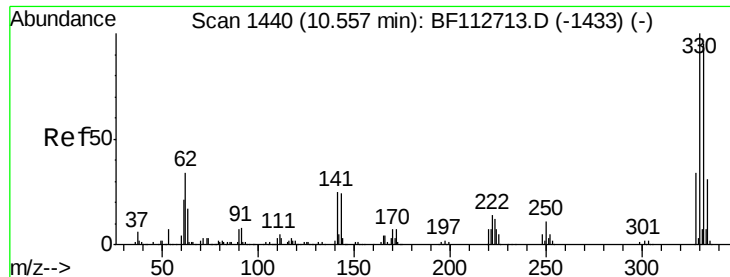


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

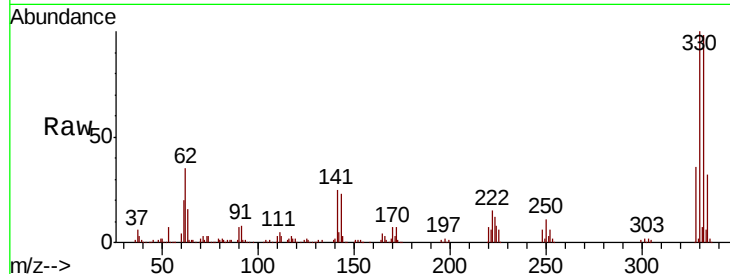




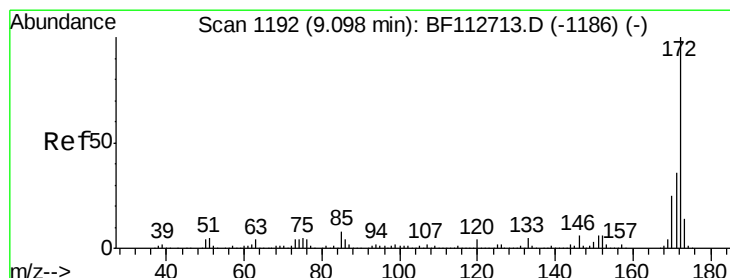
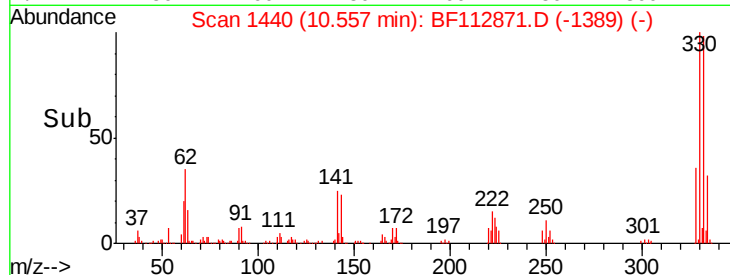
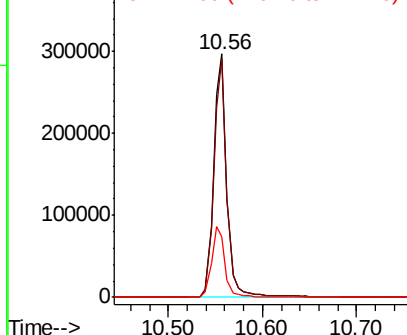
#42
 2,4,6-Tribromophenol
 Concen: 105.610 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112871.D
 Acq: 6 Mar 2019 00:07

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	29.2	27.0	40.6

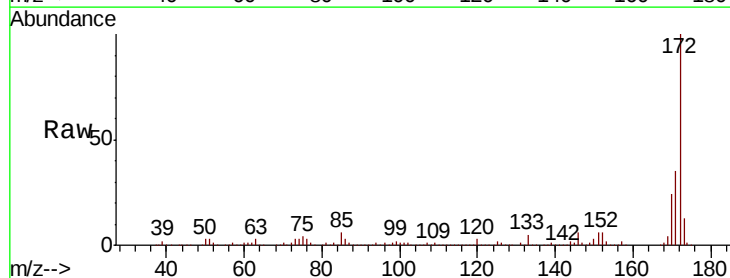


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

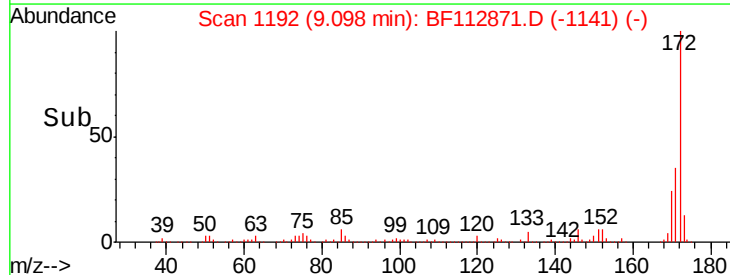
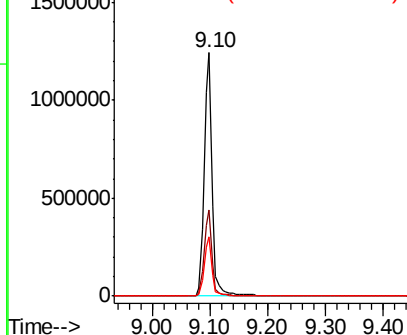


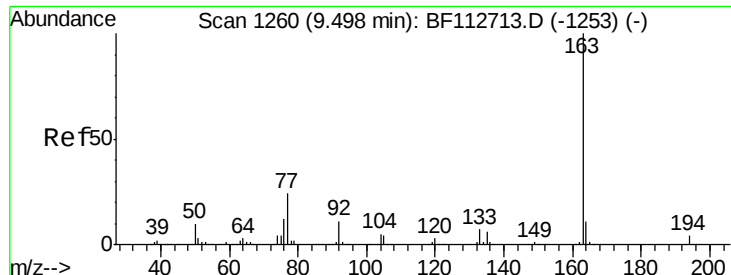
#45
 2-Fluorobiphenyl
 Concen: 74.146 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112871.D
 Acq: 6 Mar 2019 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.2	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

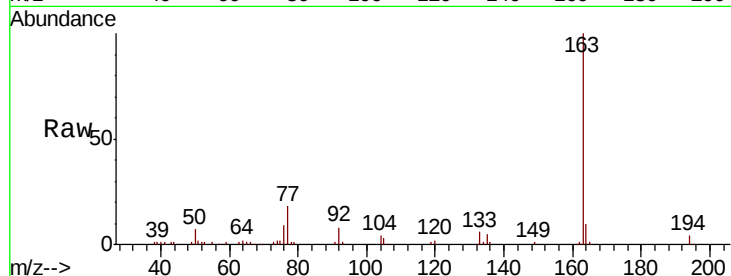




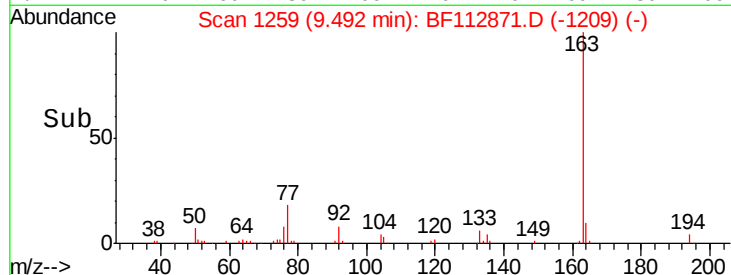
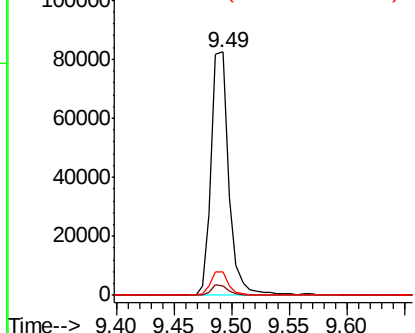
#50
Dimethylphthalate
Concen: 4.534 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

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

Tgt Ion:163 Resp: 88482
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.8 8.4 12.6

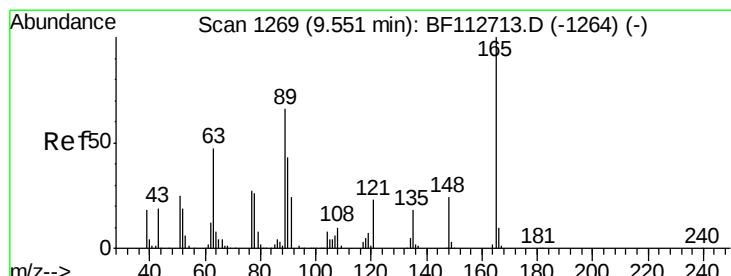


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

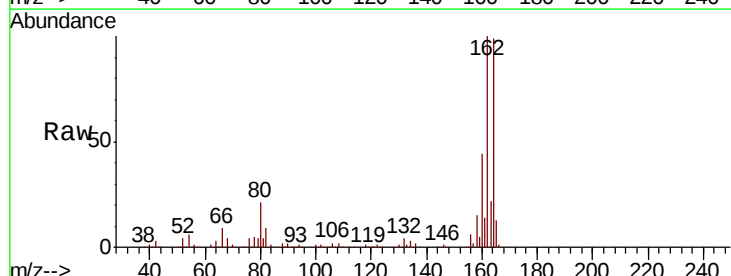
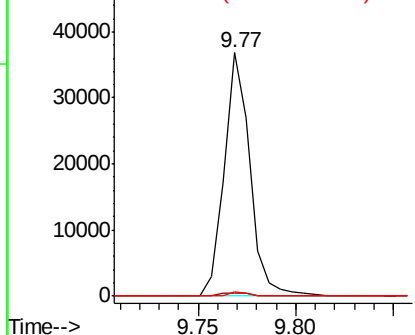


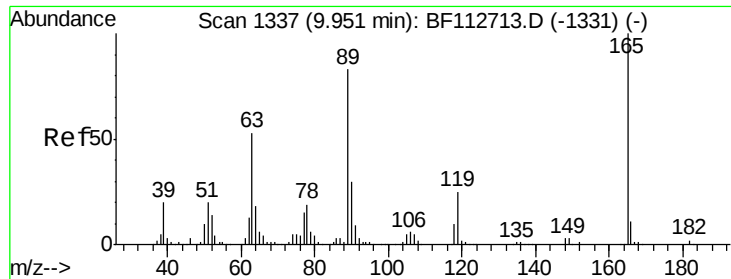
#51
2,6-Dinitrotoluene
Concen: 8.265 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.22 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:165 Resp: 33586
Ion Ratio Lower Upper
165 100
63 1.1 54.1 81.1#
89 1.8 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

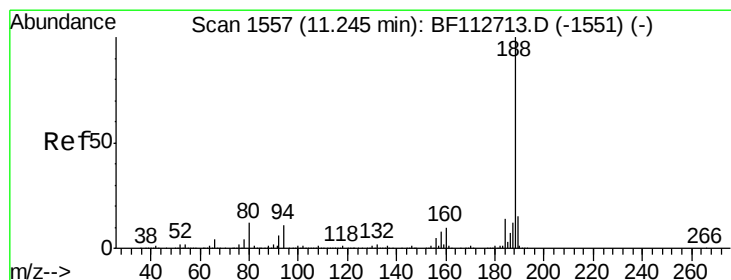
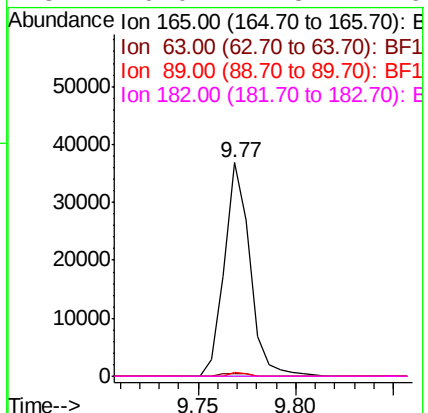
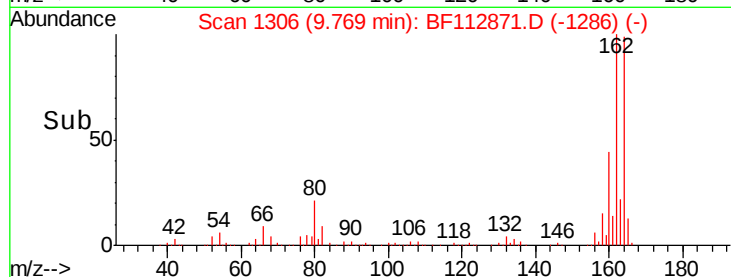
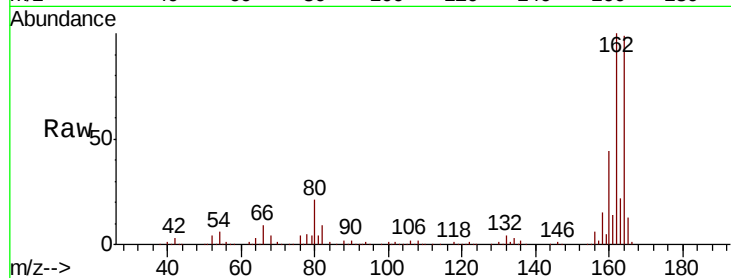




#57
2,4-Dinitrotoluene
Concen: 6.649 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.18 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

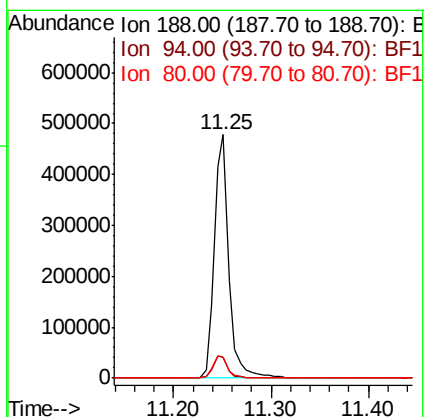
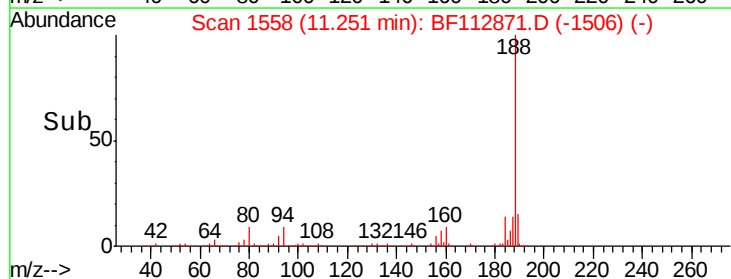
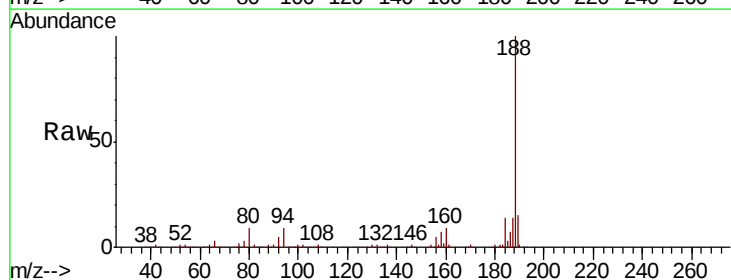
Instrument :
BNA_F
ClientSampled :
SB-B-0-2

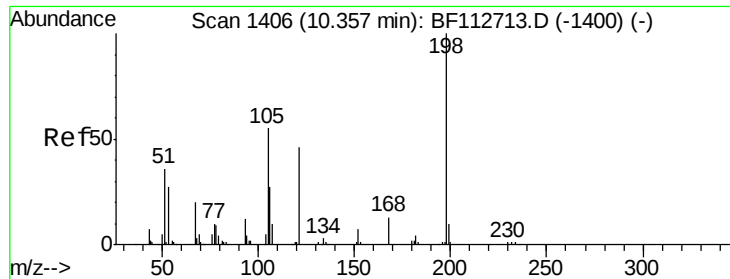
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.8	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.0	13.4#
80	8.8	9.2	13.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 4.765 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.19 min

Lab File: BF112871.D

Acq: 6 Mar 2019 00:07

Instrument :

BNA_F

ClientSampleId :

SB-B-0-2

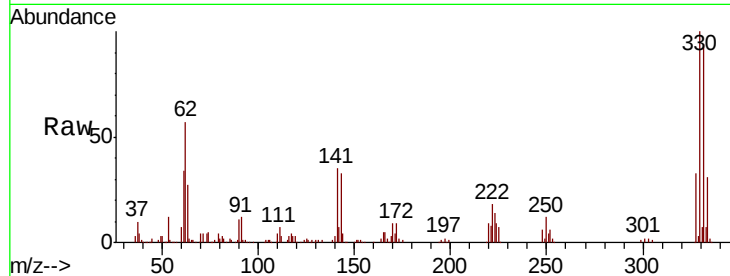
Tgt Ion:198 Resp: 339

Ion Ratio Lower Upper

198 100

51 171.5 43.8 83.8#

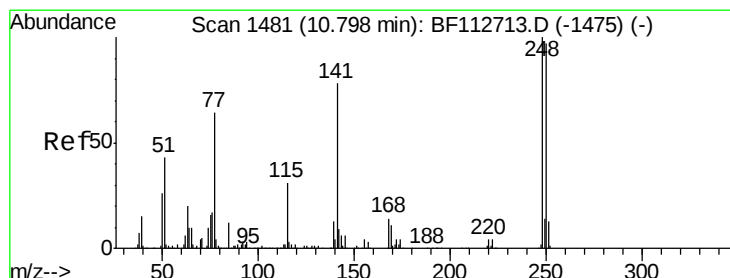
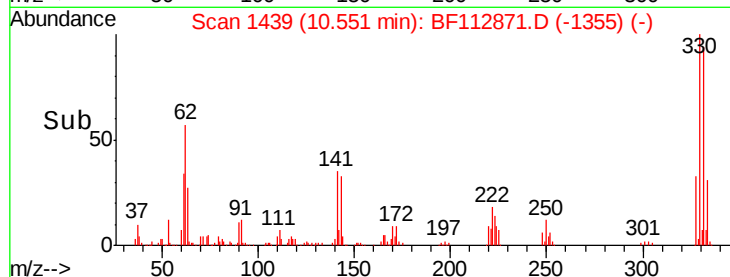
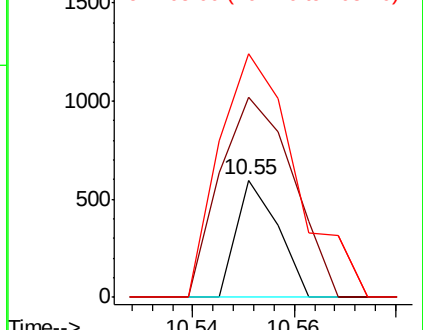
105 208.2 36.5 76.5#



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: 3.263 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF112871.D

Acq: 6 Mar 2019 00:07

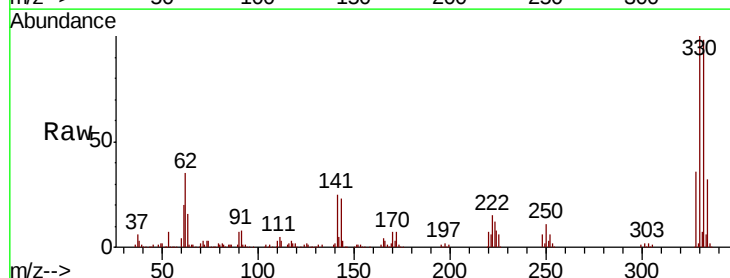
Tgt Ion:248 Resp: 16864

Ion Ratio Lower Upper

248 100

250 198.9 77.5 116.3#

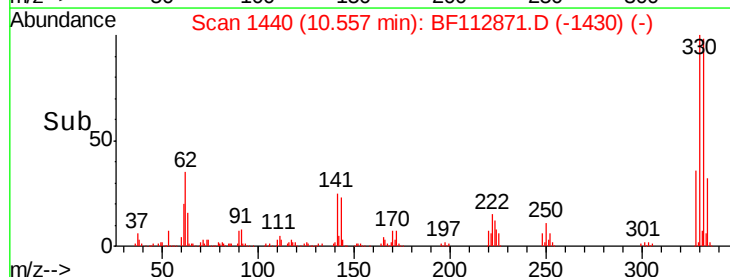
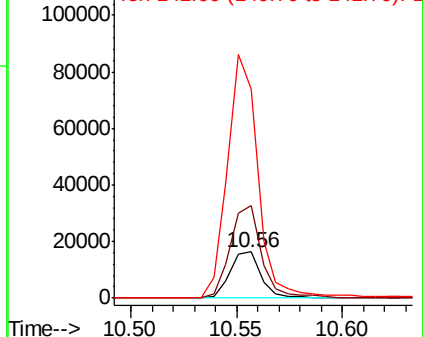
141 451.7 62.4 93.6#

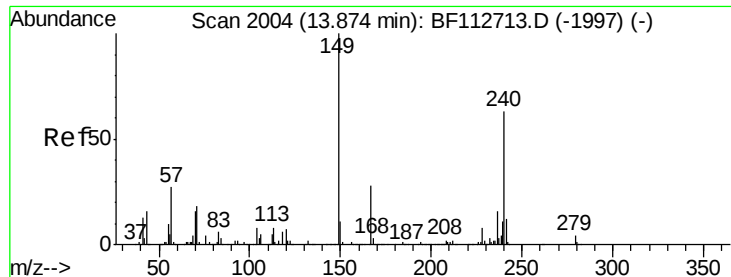


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

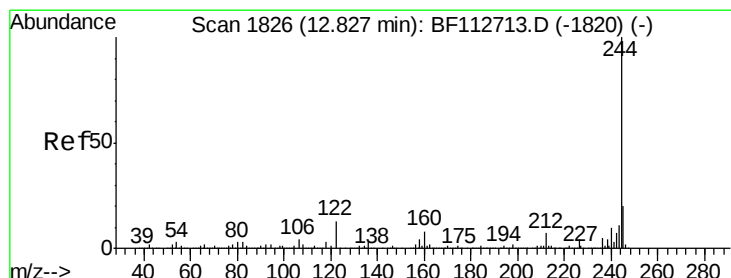
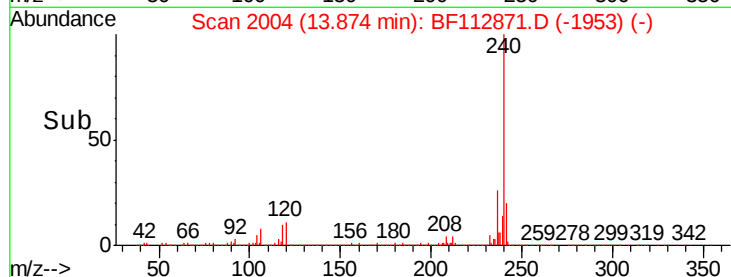
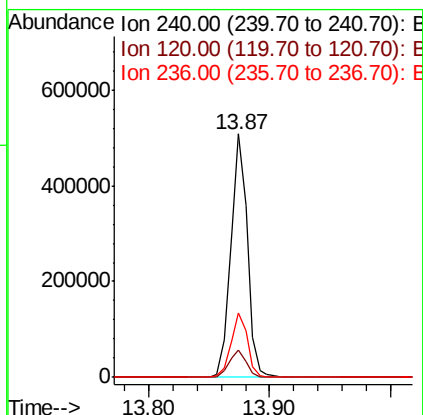
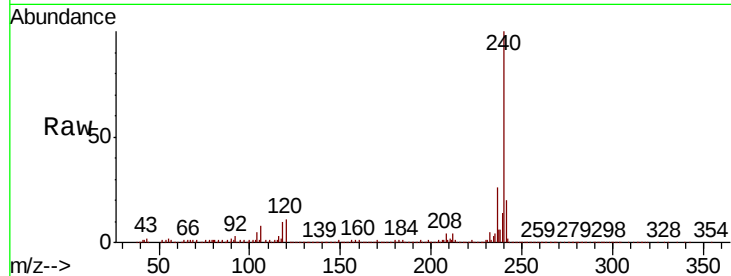




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

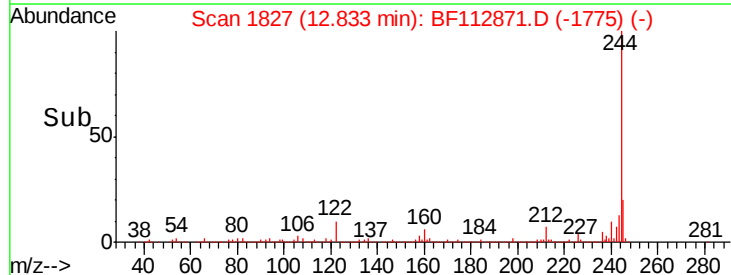
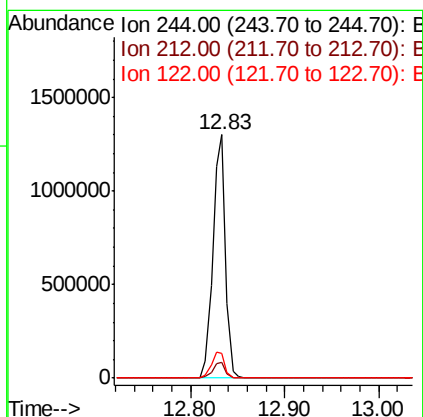
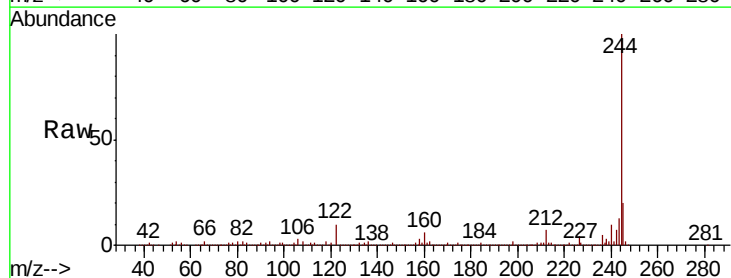
Instrument :
BNA_F
ClientSampleId :
SB-B-0-2

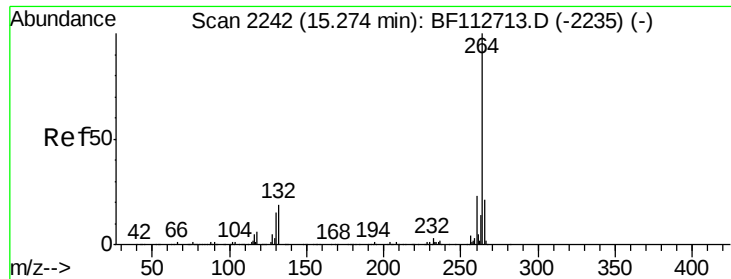
Tgt Ion:240 Resp: 482449
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 26.5 20.7 31.1



#79
Terphenyl-d14
Concen: 49.522 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

Tgt Ion:244 Resp: 1232484
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.0 10.5 15.7#

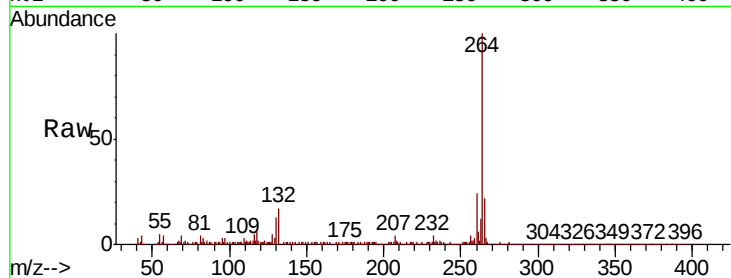




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112871.D
Acq: 6 Mar 2019 00:07

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.2	25.8



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

