

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113751.D
 Acq On : 12 Apr 2019 21:24
 Operator : JU/SJ
 Sample : K2204-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:02:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

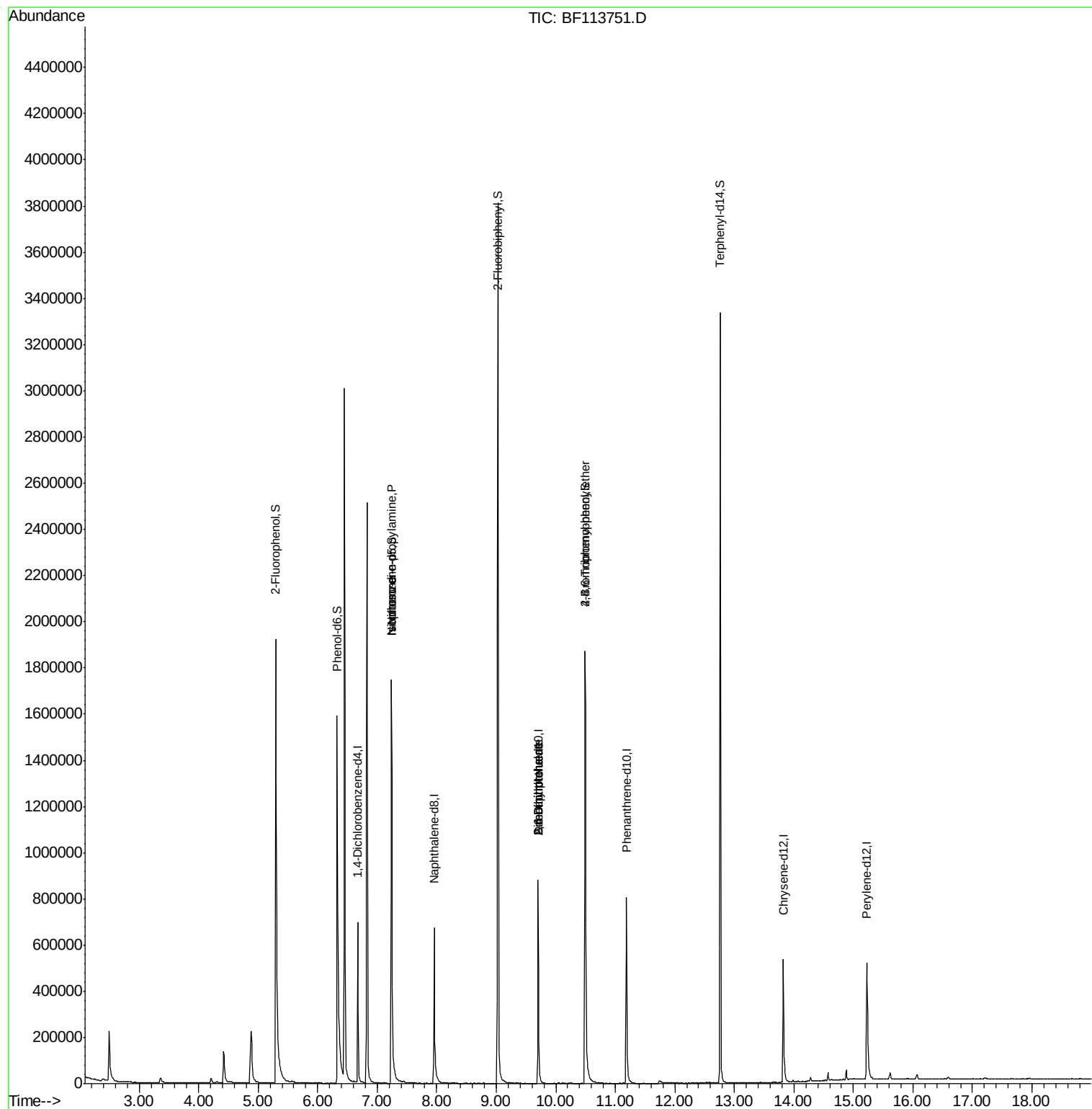
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	116010	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	431889	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	204306	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	400836	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	247020	20.00	ng	-0.02
87) Perylene-d12	15.23	264	297255	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	800473	117.66	ng	0.00
7) Phenol-d6	6.33	99	940443	112.16	ng	-0.01
23) Nitrobenzene-d5	7.24	82	683889	92.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	342273	139.46	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1275261	100.49	ng	-0.02
79) Terphenyl-d14	12.76	244	1287639	106.13	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	87154	16.856	ng	# 77
25) Isophorone	7.24	82	683885	48.149	ng	# 64
50) Dimethylphthalate	9.70	163	43509	2.889	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	25711	7.745	ng	# 25
57) 2,4-Dinitrotoluene	9.70	165	25711	6.404	ng	# 22
67) 4-Bromophenyl-phenylether	10.49	248	18782	4.178	ng	# 1

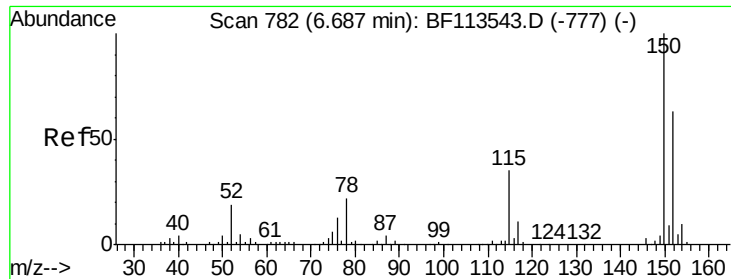
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
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Sample : K2204-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 23:02:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



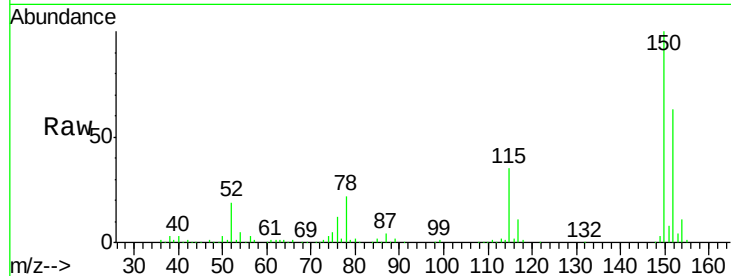


#1

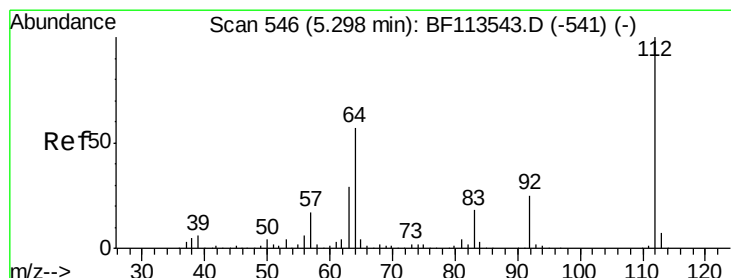
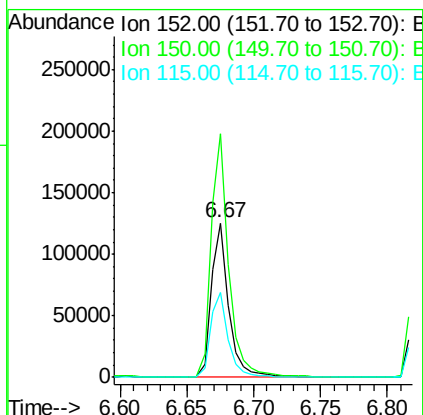
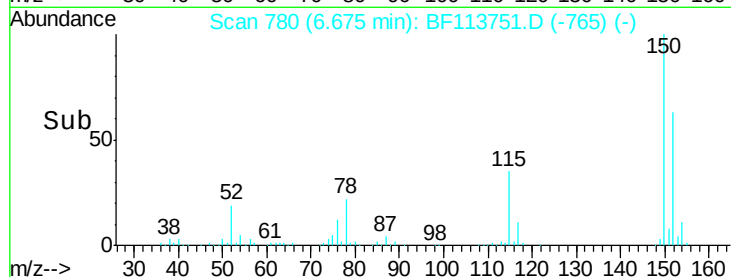
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116010
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 55.1 46.0 69.0



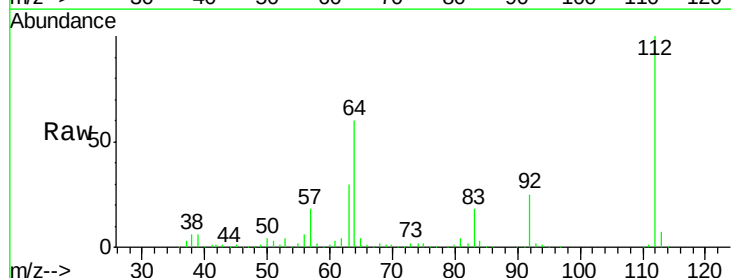
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



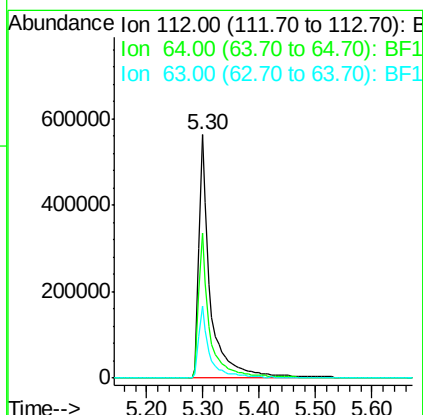
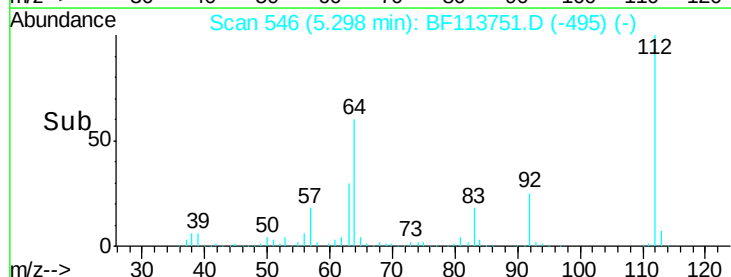
#5

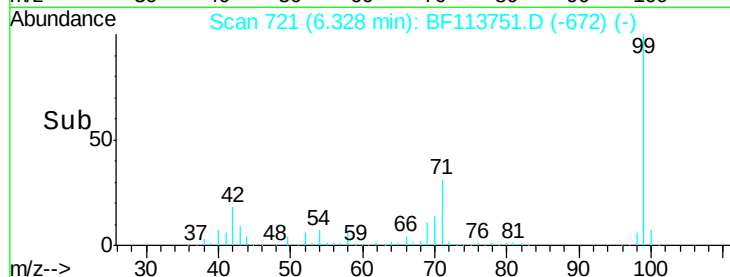
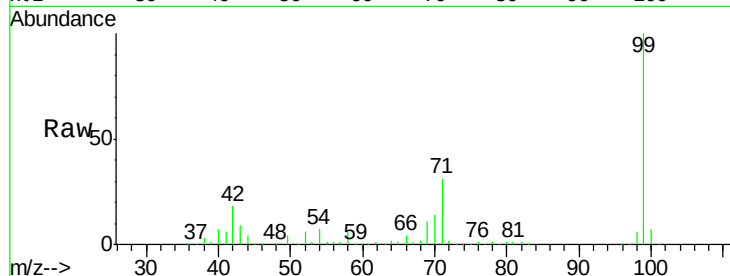
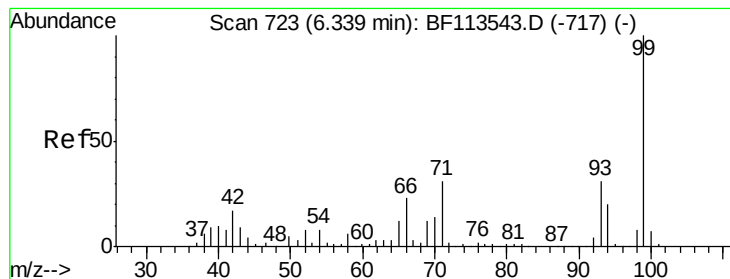
2-Fluorophenol
Concen: 117.661 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Tgt Ion:112 Resp: 800473
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 29.7 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: 112.158 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

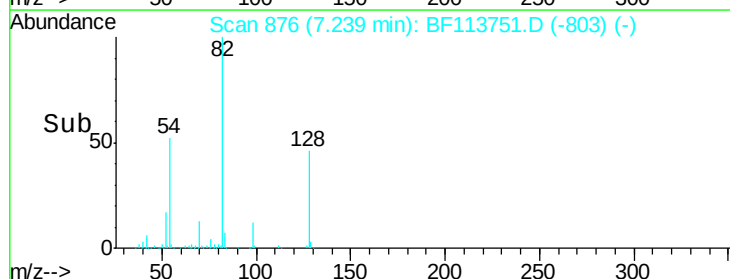
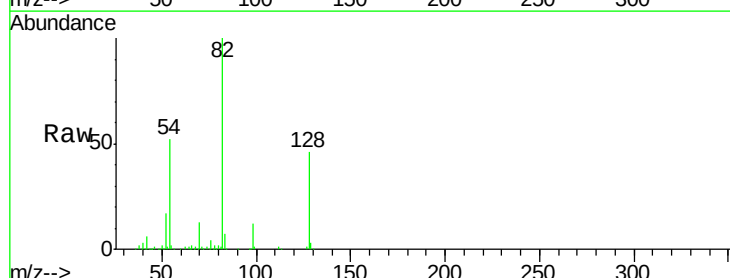
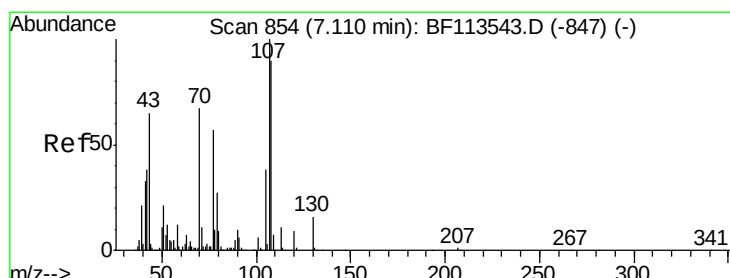
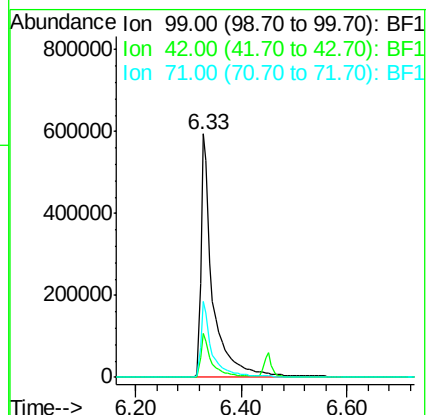
Tot Ion: 99 Resp: 940443

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

71 31.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.856 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

Tgt Ion: 70 Resp: 87154

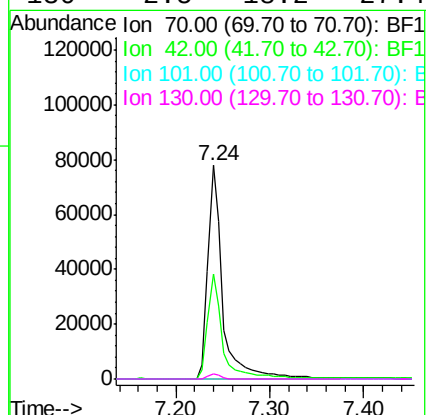
Ion Ratio Lower Upper

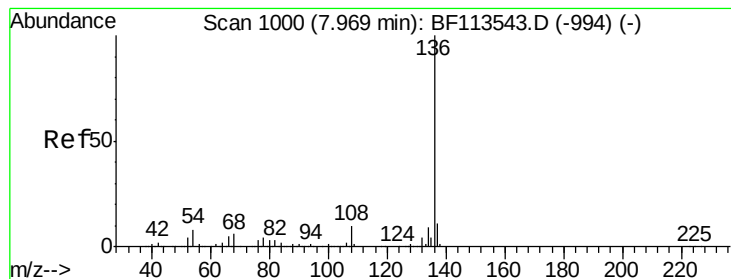
70 100

42 49.0 48.4 72.6

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#

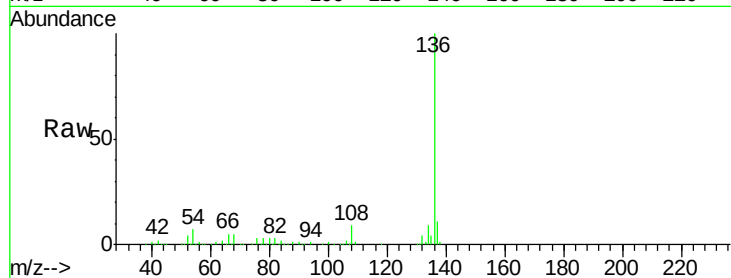




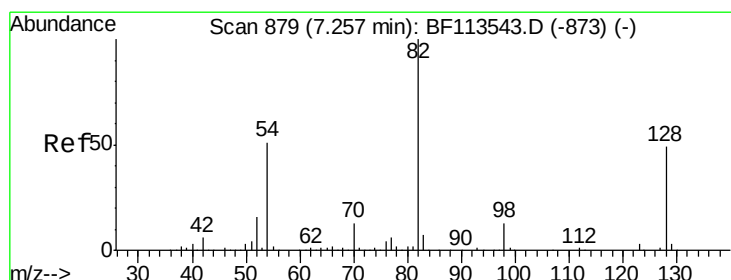
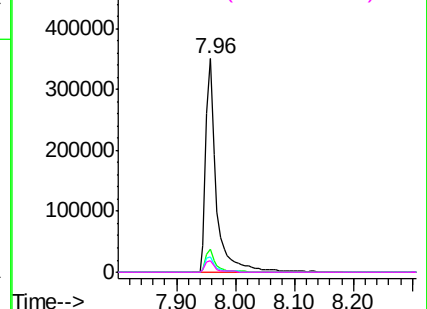
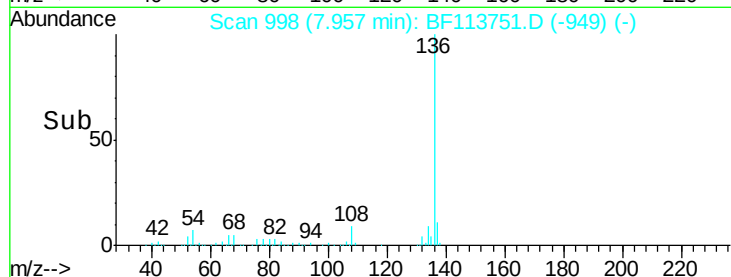
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	431889
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.2	7.0 10.6
68	5.4	4.8 7.2

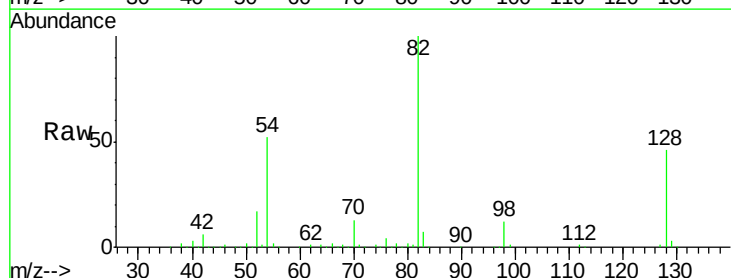


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

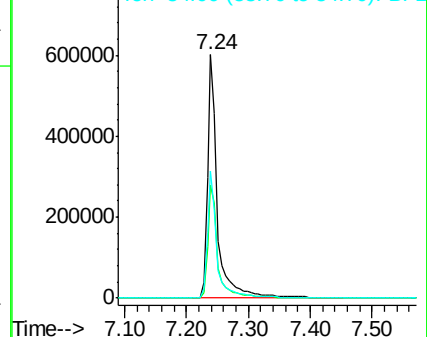
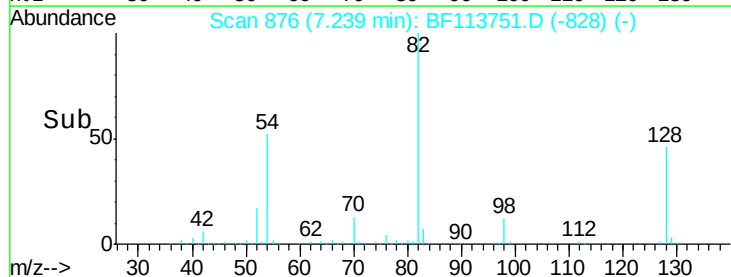


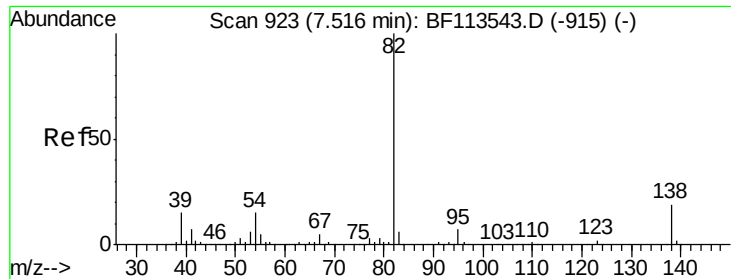
#23
Nitrobenzene-d5
Concen: 92.753 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Tgt Ion: 82	Resp:	683889
Ion	Ratio	Lower Upper
82	100	
128	46.3	36.5 54.7
54	52.2	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: 48.149 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

Instrument :

BNA_F

ClientSampleId :

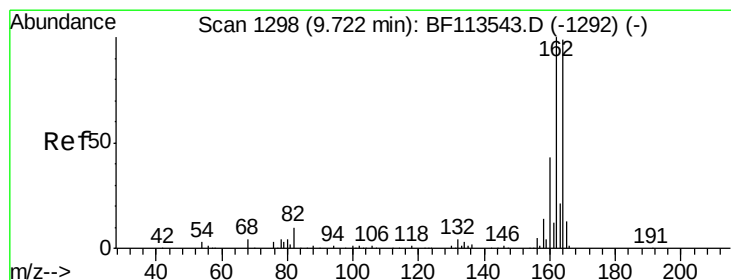
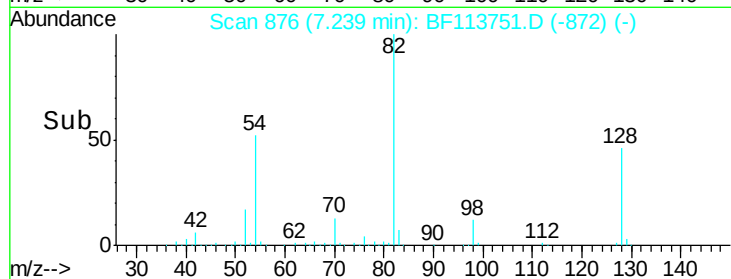
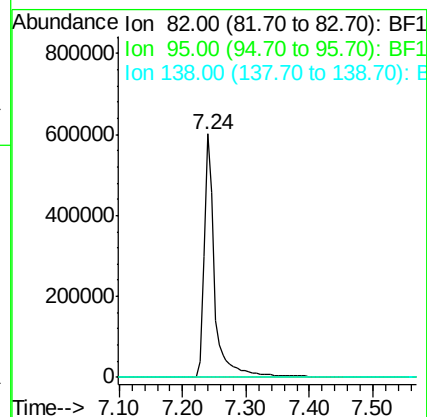
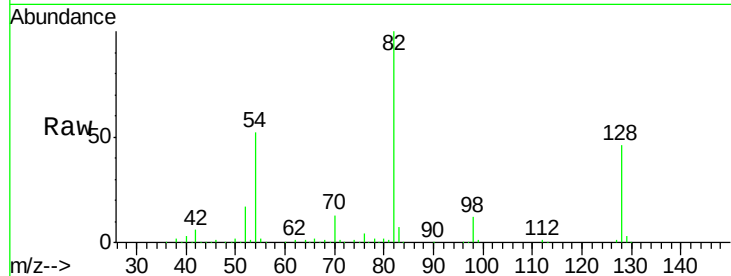
Tot Ion: 82 Resp: 683885

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

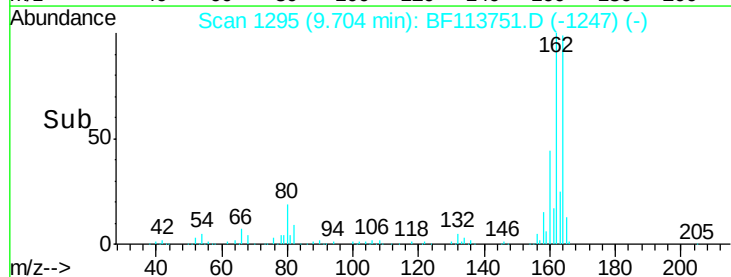
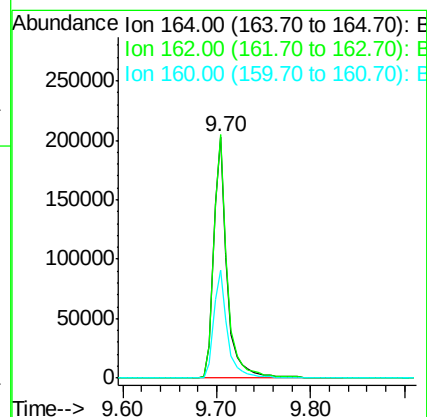
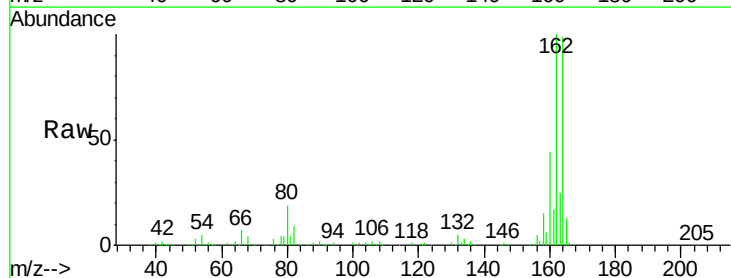
Tgt Ion: 164 Resp: 204306

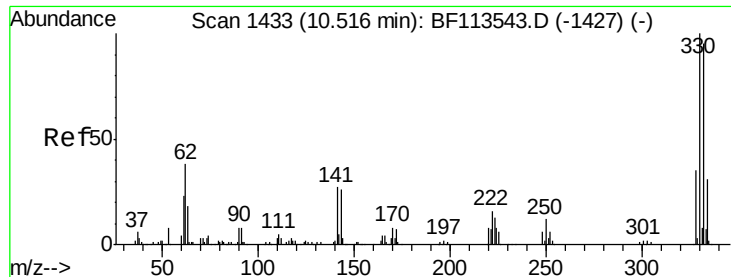
Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

160 44.5 36.4 54.6

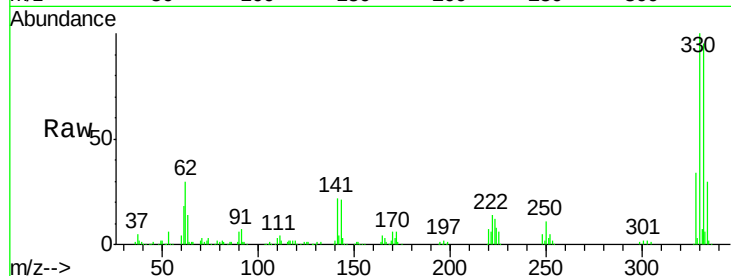




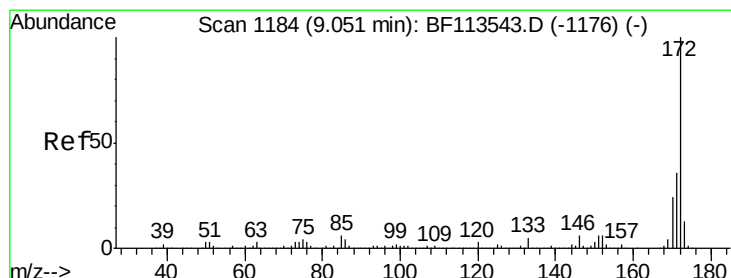
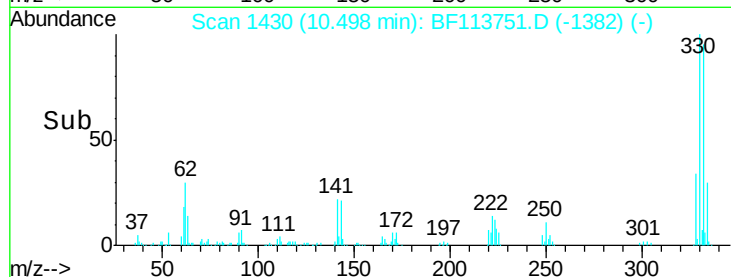
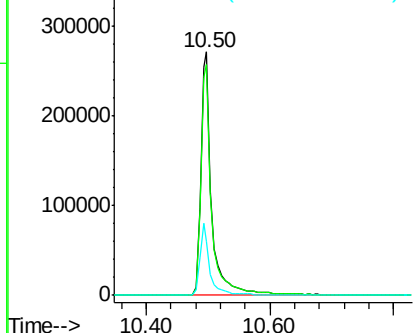
#42
 2,4,6-Tribromophenol
 Concen: 139.463 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.6
141	27.0	22.7	34.1

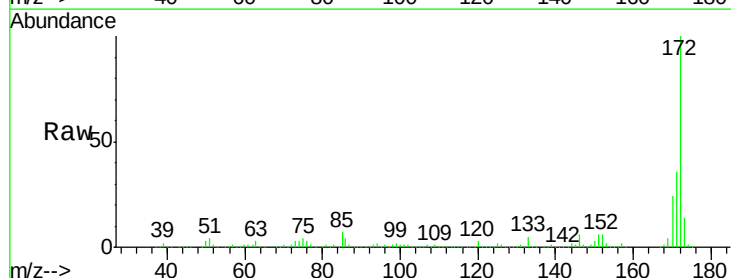


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

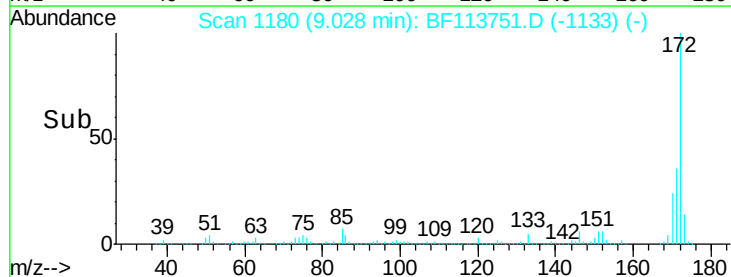
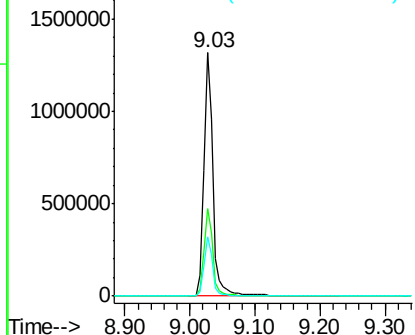


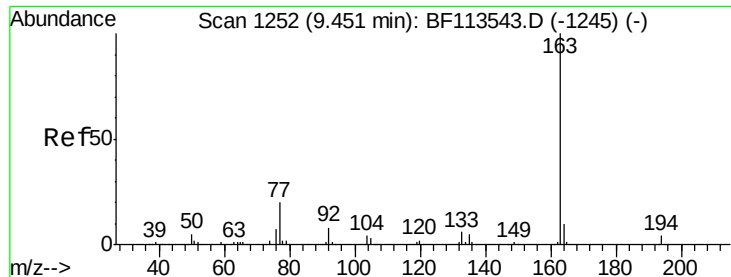
#45
 2-Fluorobiphenyl
 Concen: 100.488 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	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

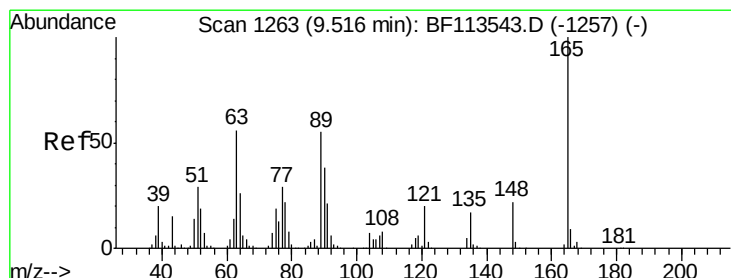
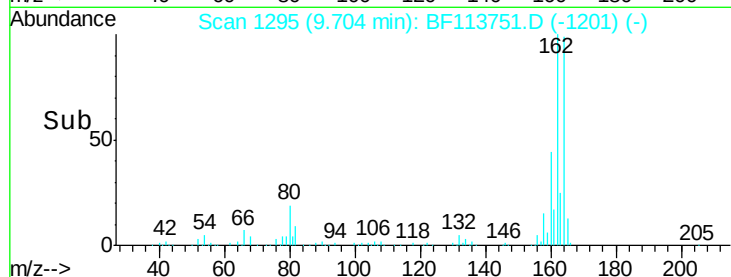
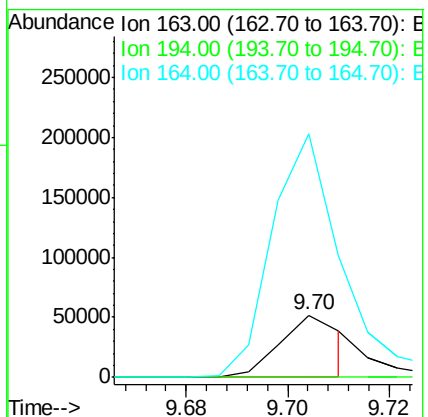
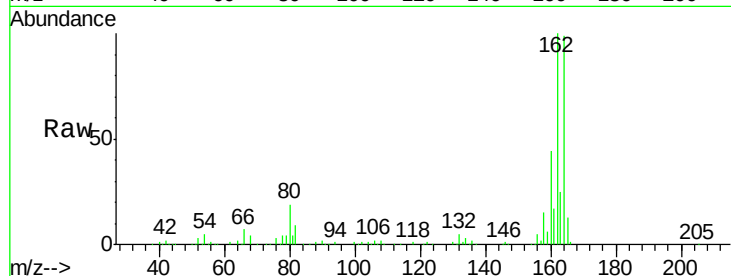




#50
Dimethylphthalate
Concen: 2.889 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

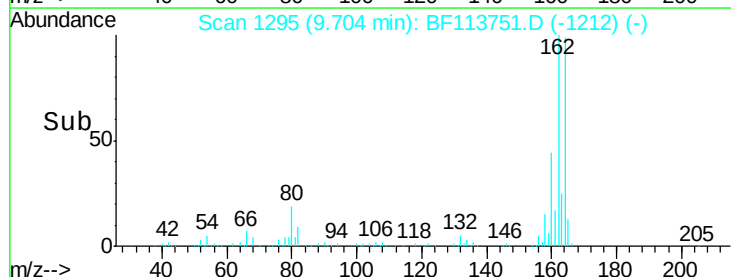
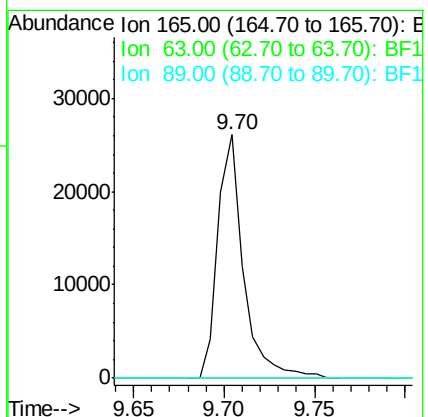
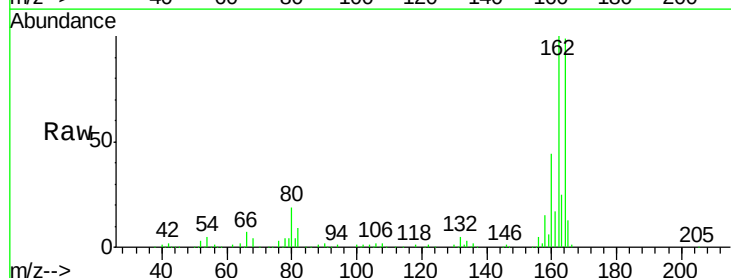
Instrument :
BNA_F
ClientSampled :

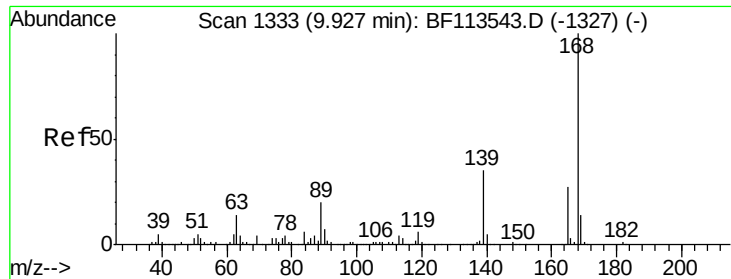
Tot Ion:163 Resp: 43509
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 390.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Tgt Ion:165 Resp: 25711
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 43.1 64.7#

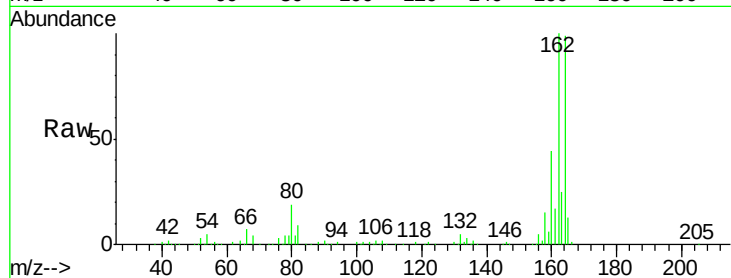




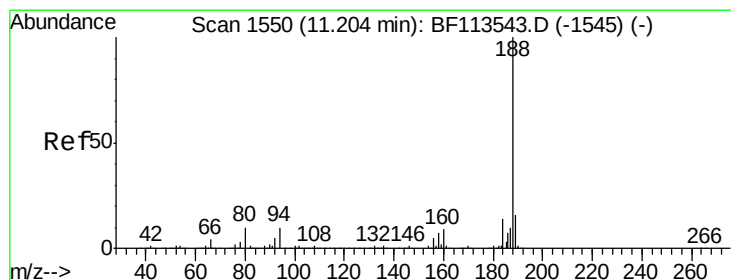
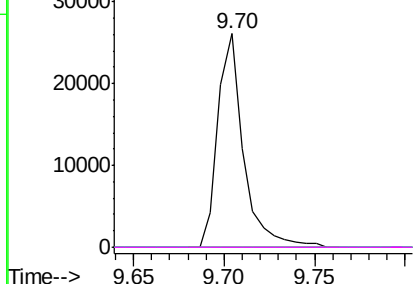
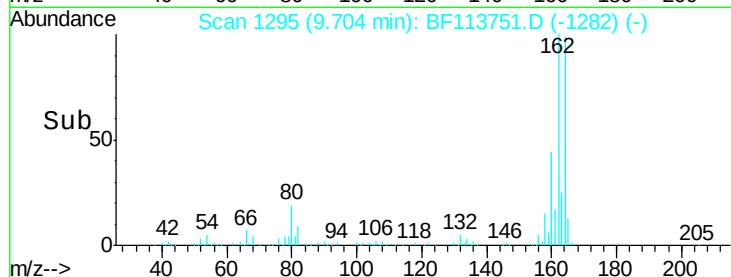
#57
 2,4-Dinitrotoluene
 Concen: 6.404 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 25711
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#

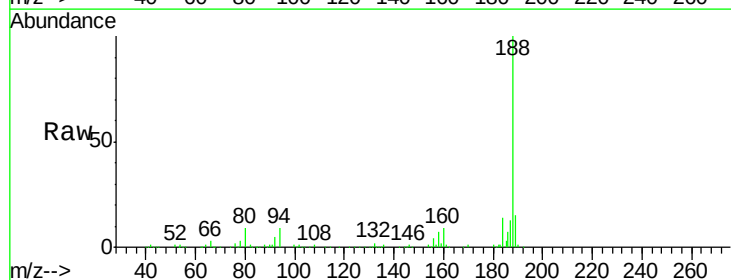


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

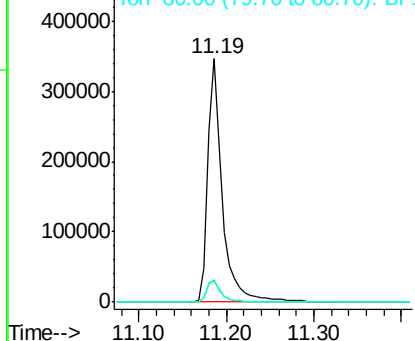
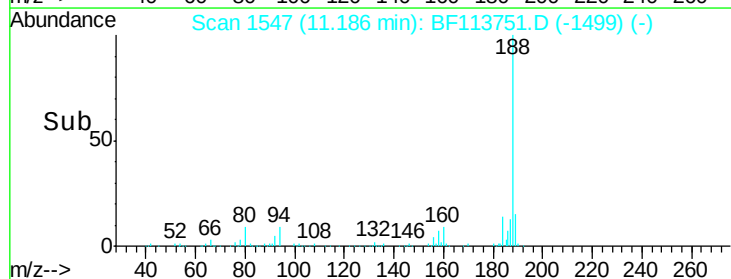


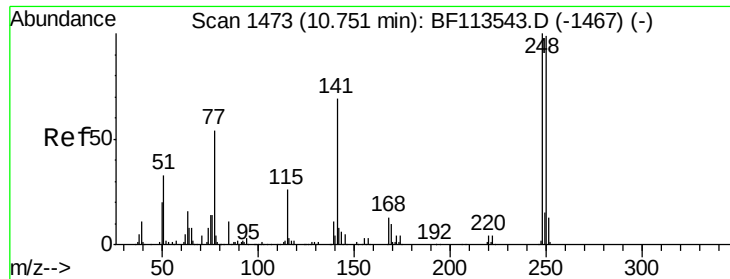
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113751.D
 Acq: 12 Apr 2019 21:24

Tgt Ion:188 Resp: 400836
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 8.7 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

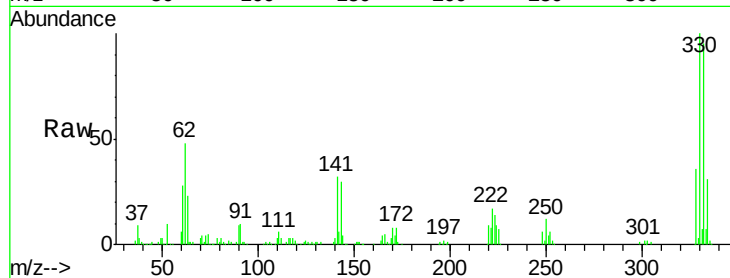




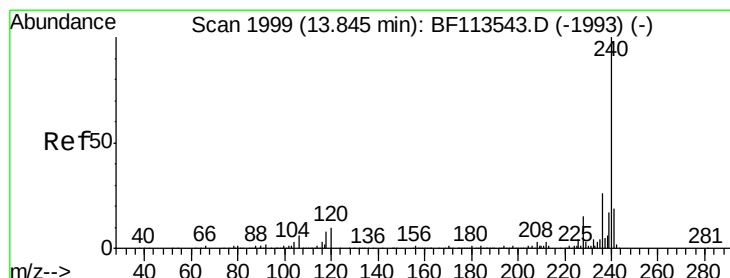
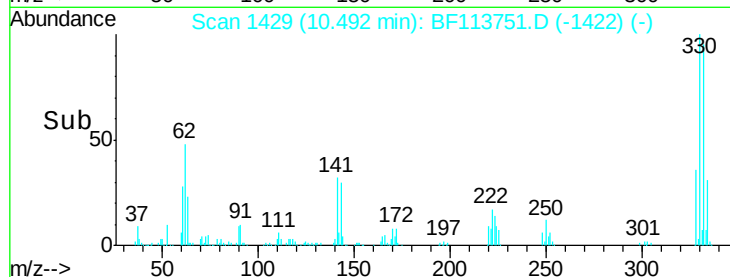
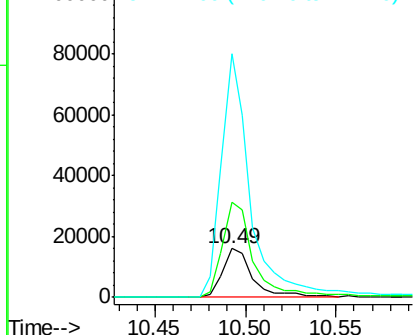
#67
4-Bromophenyl-phenylether
Concen: 4.178 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.26 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18782
Ion Ratio Lower Upper
248 100
250 194.8 78.3 117.5#
141 497.2 56.2 84.4#

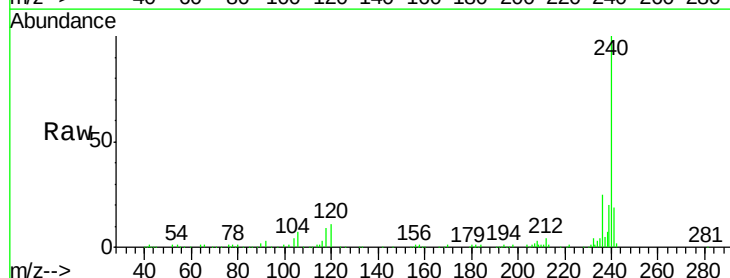


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

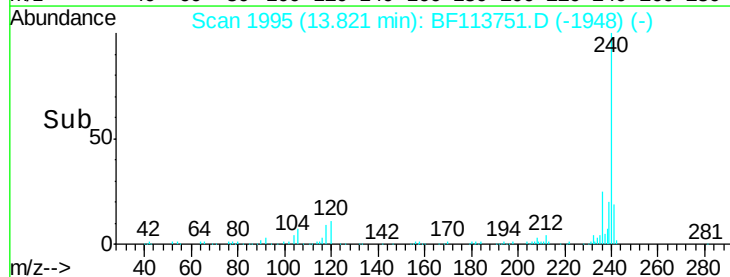
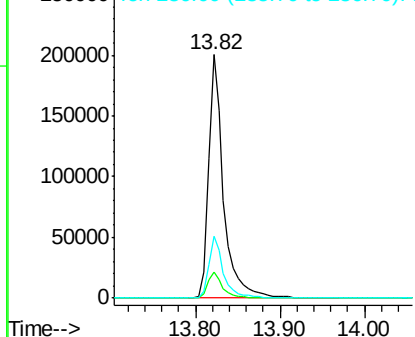


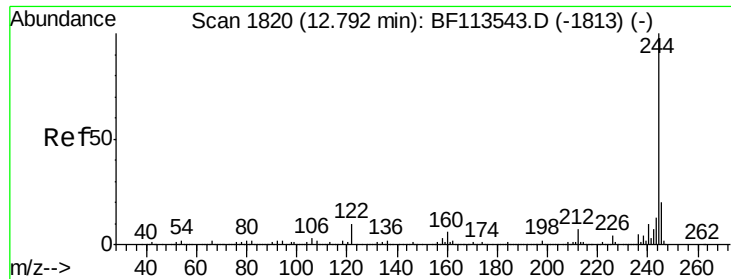
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113751.D
Acq: 12 Apr 2019 21:24

Tgt Ion:240 Resp: 247020
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.131 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

Instrument :

BNA_F

ClientSampleId :

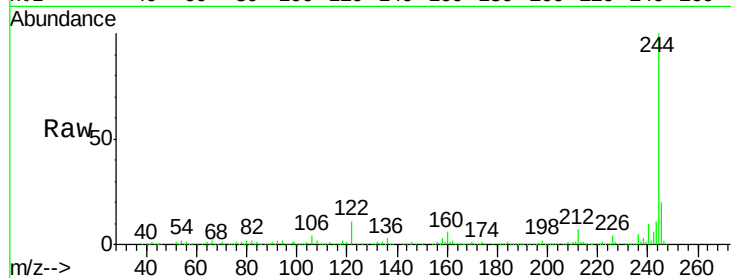
Tot Ion:244 Resp: 1287639

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

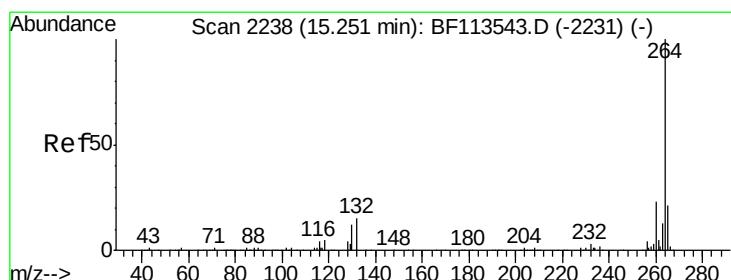
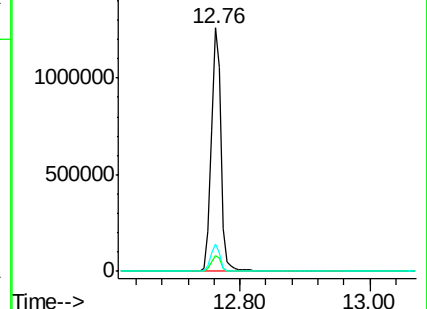
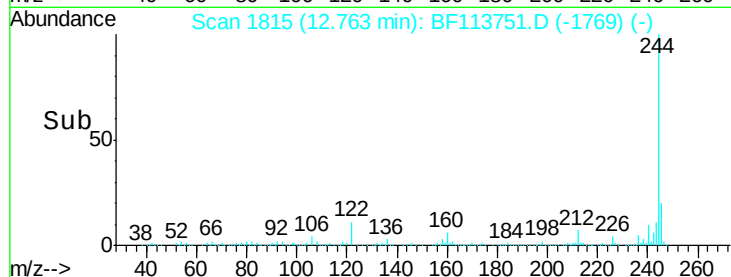
122 11.3 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113751.D

Acq: 12 Apr 2019 21:24

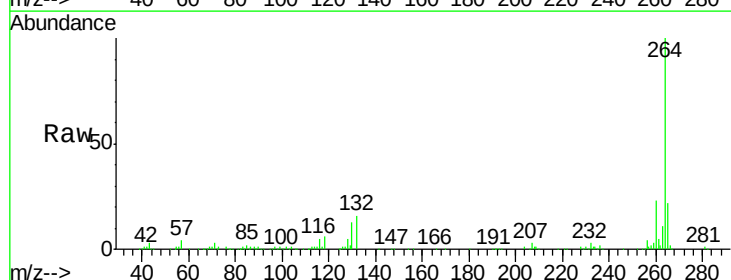
Tgt Ion:264 Resp: 297255

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.9 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

