

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113755.D
 Acq On : 12 Apr 2019 23:21
 Operator : JU/SJ
 Sample : K2377-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 13 01:19:28 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

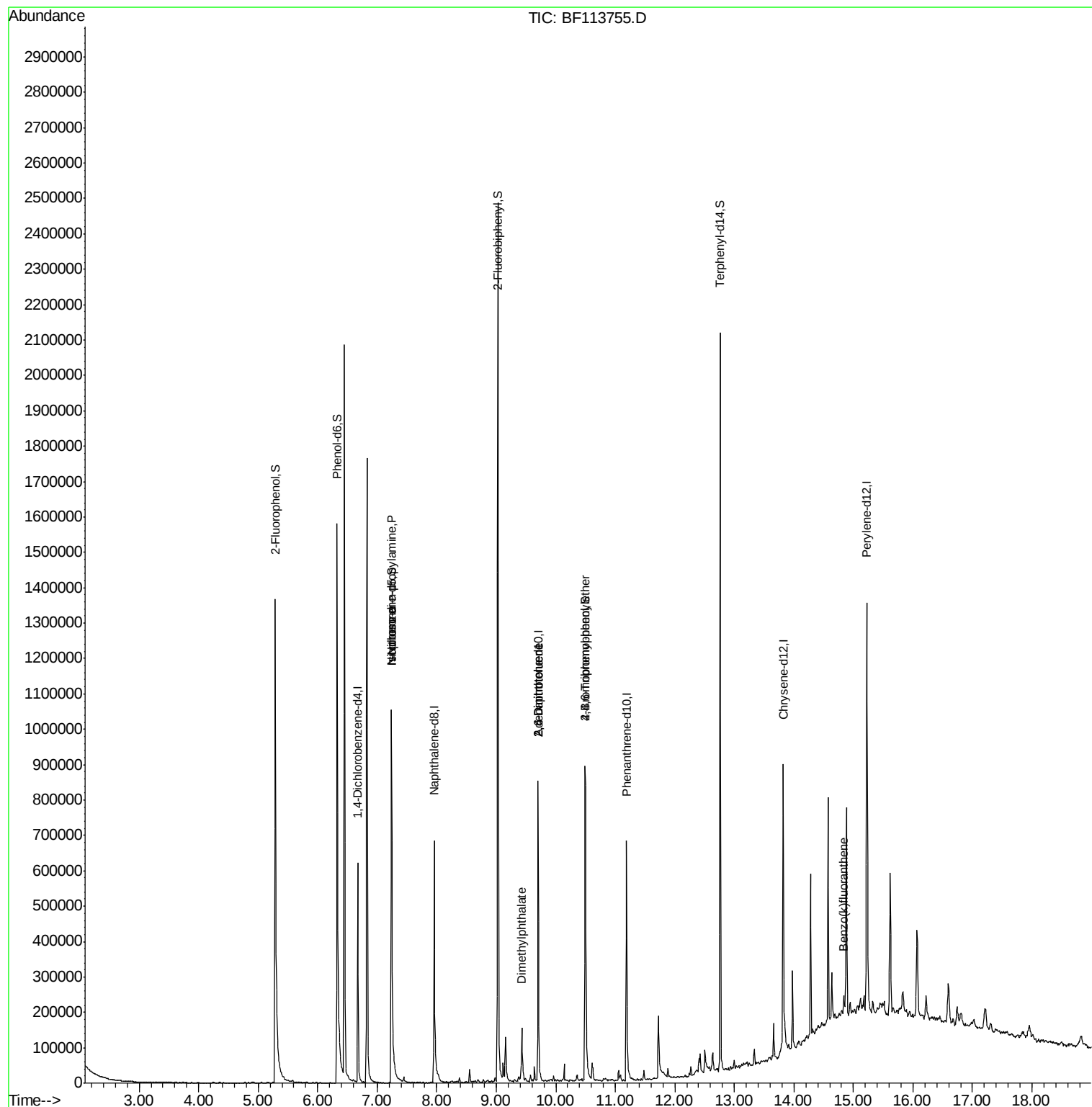
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	114212	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	425176	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	185145	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	316662	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	320456	20.00	ng	-0.02
87) Perylene-d12	15.23	264	339943	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	596193	89.01	ng	-0.01
7) Phenol-d6	6.33	99	791479	95.88	ng	-0.01
23) Nitrobenzene-d5	7.24	82	457204	62.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	170198	76.53	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	858707	74.67	ng	-0.02
79) Terphenyl-d14	12.76	244	719170	45.69	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	56955	11.189	ng	# 77
25) Isophorone	7.24	82	457227	32.699	ng	# 64
50) Dimethylphthalate	9.43	163	82049	6.012	ng	100
51) 2,6-Dinitrotoluene	9.70	165	24465	8.132	ng	# 27
57) 2,4-Dinitrotoluene	9.70	165	24465	6.724	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	9108	2.565	ng	# 1
89) Benzo(k)fluoranthene	14.84	252	37484	2.007	ng	# 86

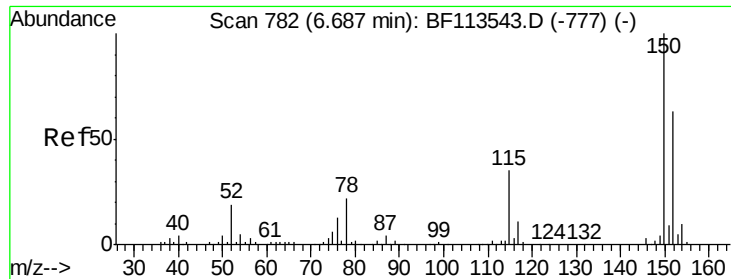
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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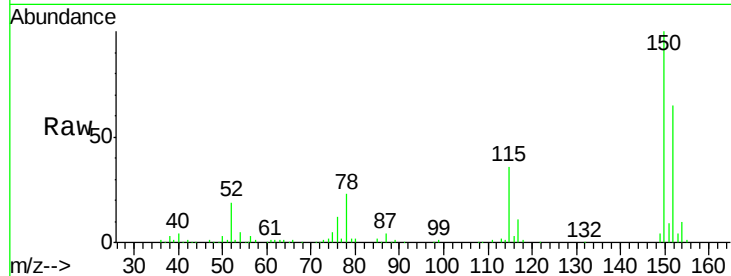


#1

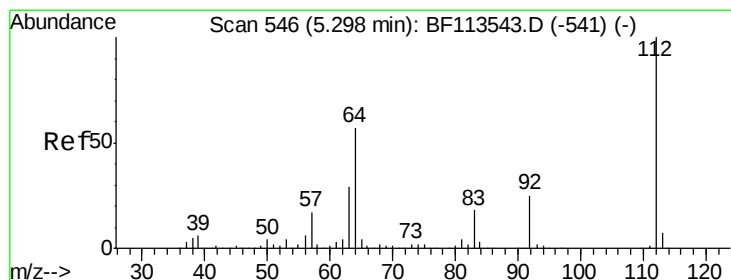
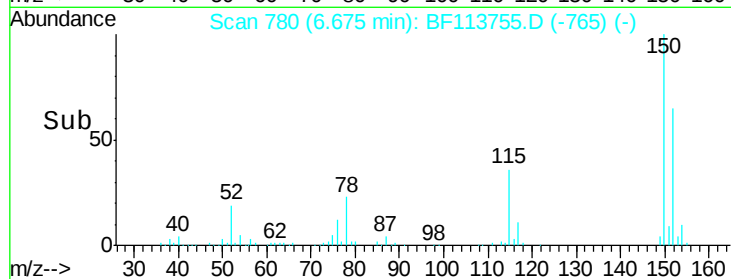
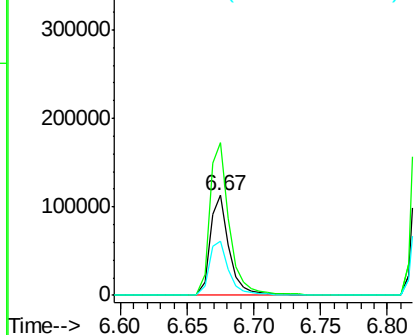
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.7	187.1
115	54.6	46.0	69.0



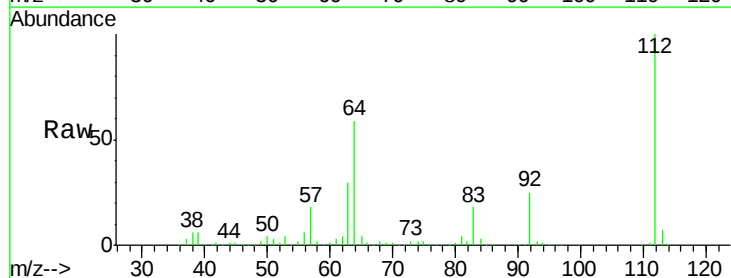
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



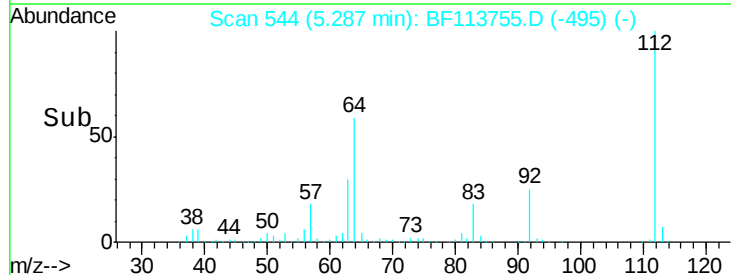
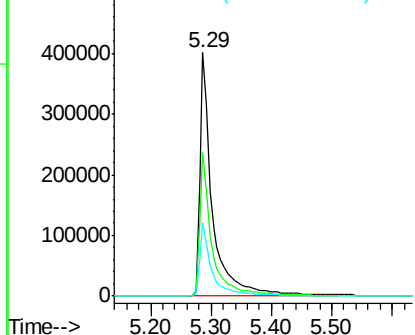
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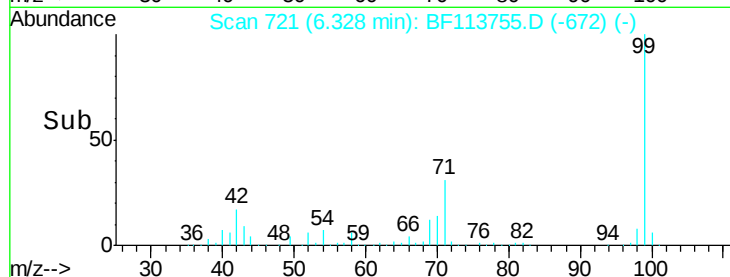
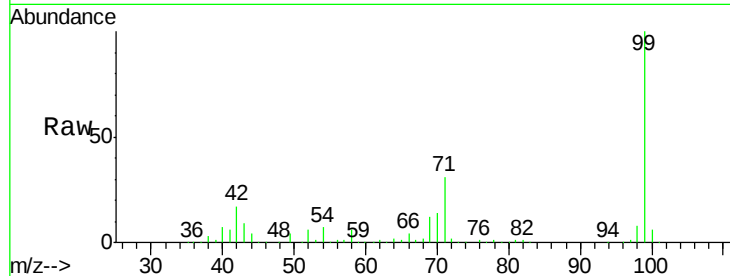
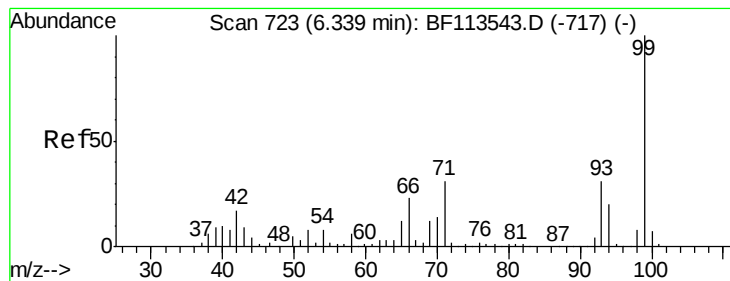
2-Fluorophenol
Concen: 89.014 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	29.9	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: 95.879 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

Tot Ion: 99 Resp: 791479

Ion Ratio Lower Upper

99 100

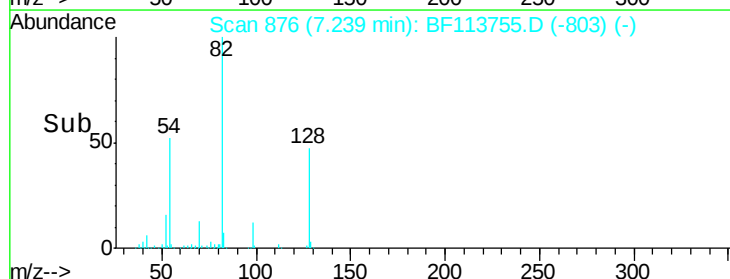
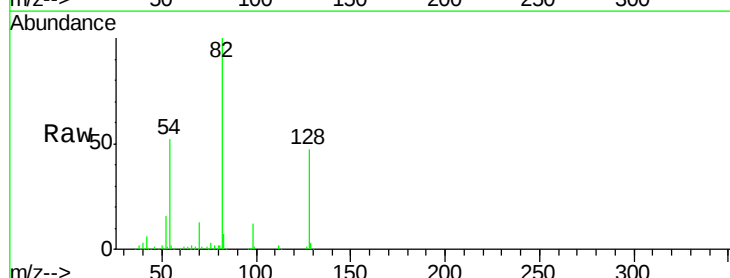
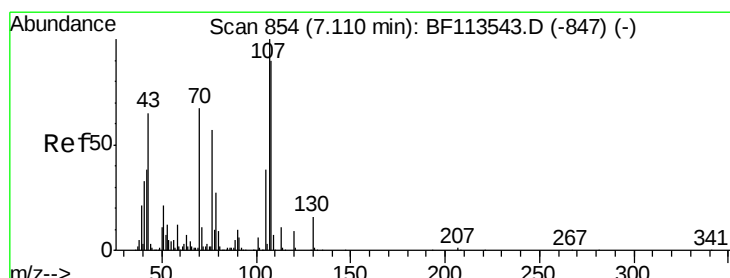
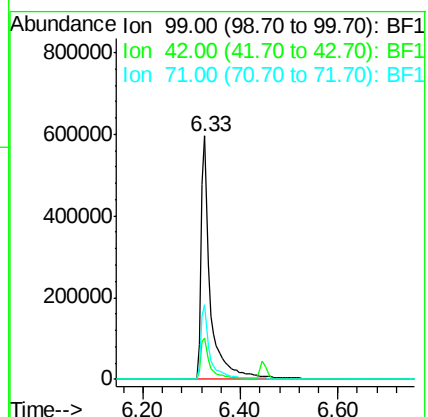
42 16.9 14.8 22.2

71 30.6 24.9 37.3

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 11.189 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

Tgt Ion: 70 Resp: 56955

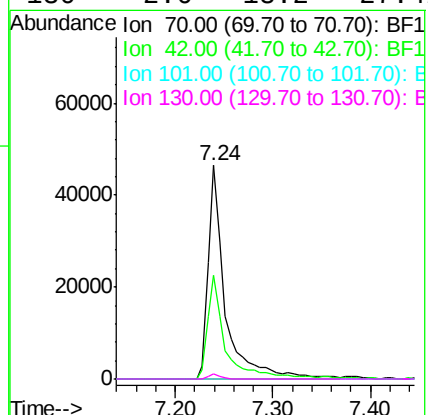
Ion Ratio Lower Upper

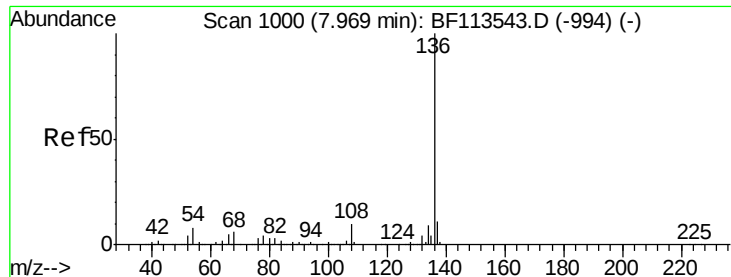
70 100

42 48.4 48.4 72.6#

101 0.0 7.8 11.8#

130 2.6 18.2 27.4#

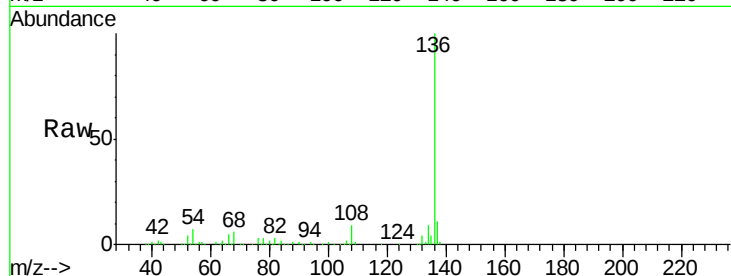




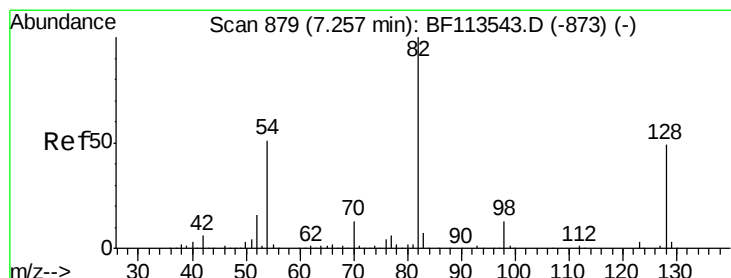
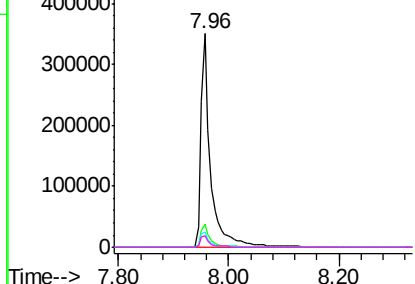
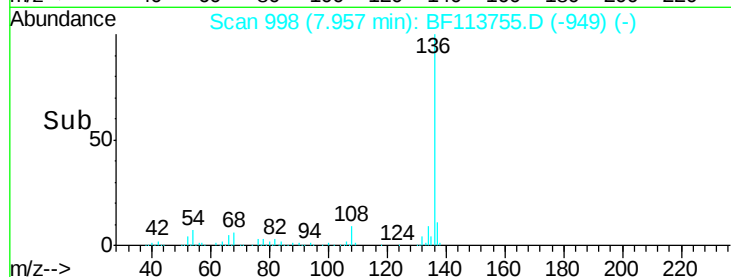
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	425176
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.1	7.0 10.6
68	5.6	4.8 7.2

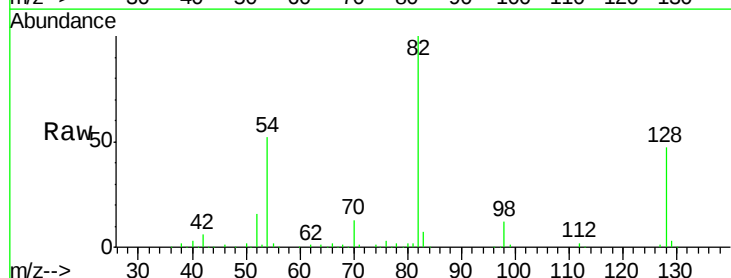


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

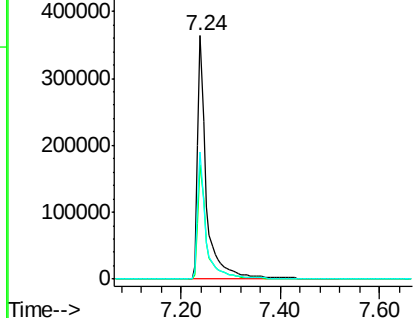
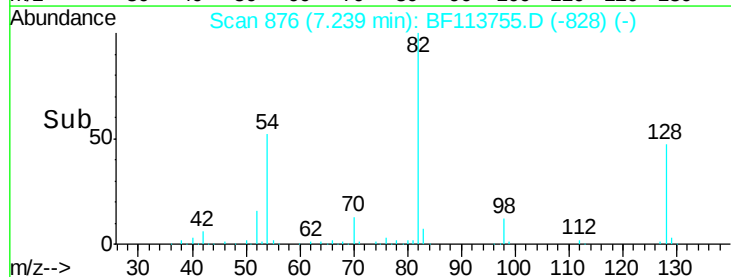


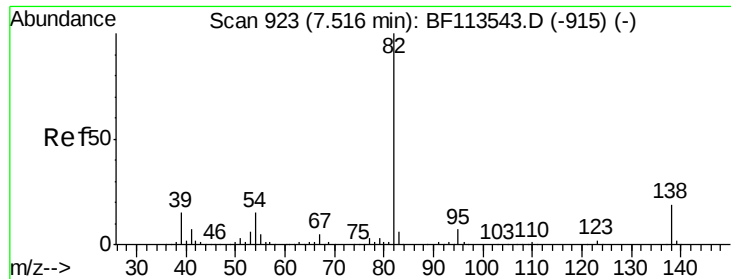
#23
Nitrobenzene-d5
Concen: 62.988 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion: 82	Resp:	457204
Ion	Ratio	Lower Upper
82	100	
128	47.0	36.5 54.7
54	52.1	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

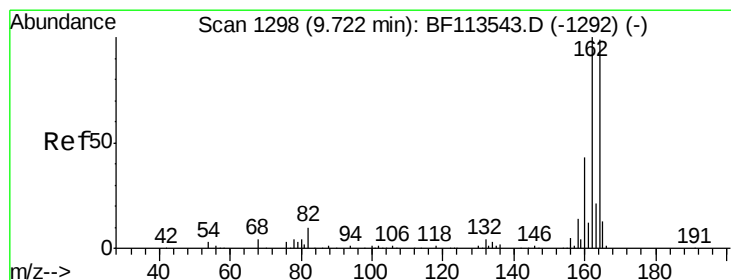
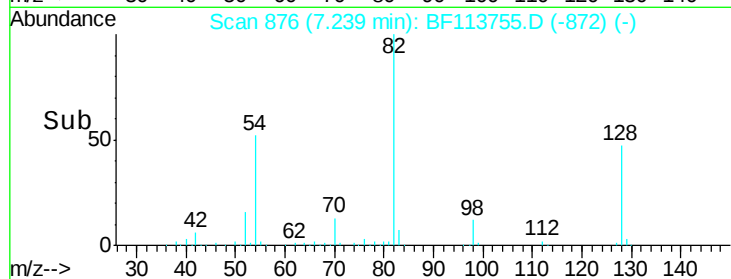
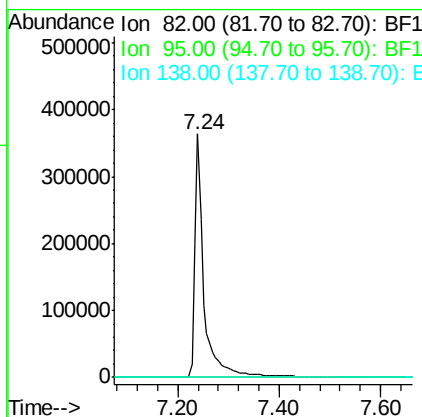
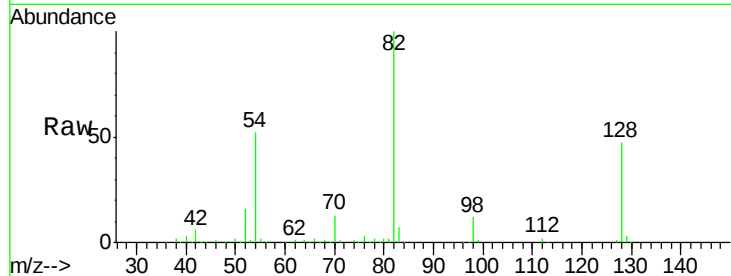




#25
Isophorone
Concen: 32.699 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

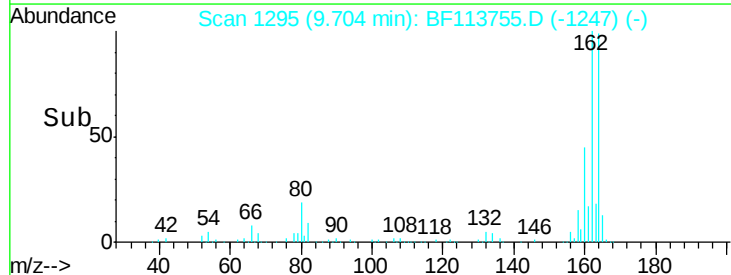
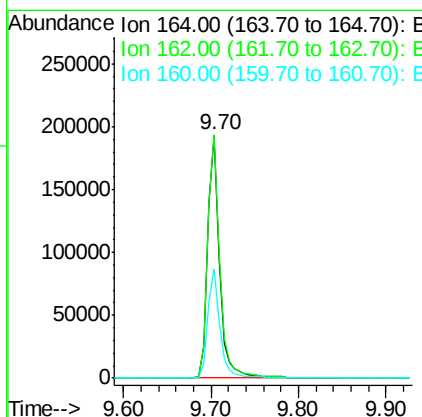
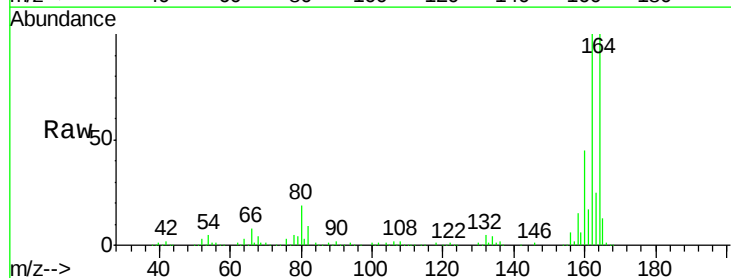
Instrument :
BNA_F
ClientSampleId :

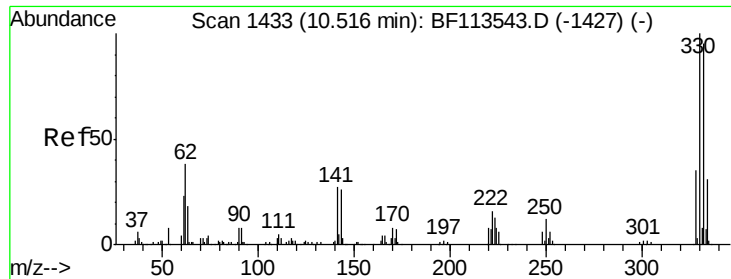
Tot Ion: 82 Resp: 457227
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion:164 Resp: 185145
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.6
160 45.1 36.4 54.6

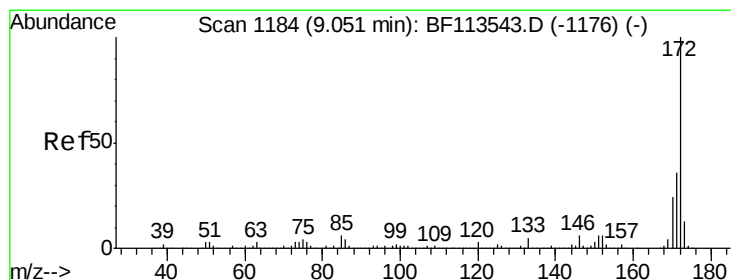
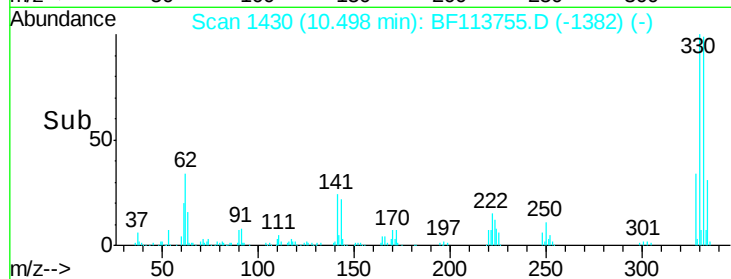
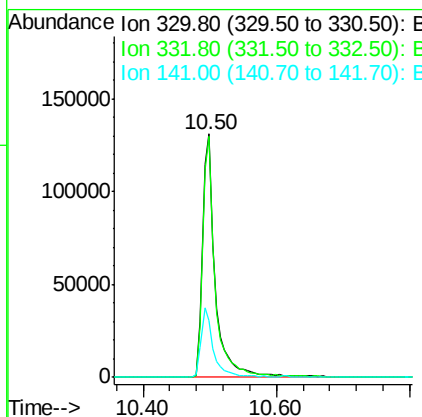
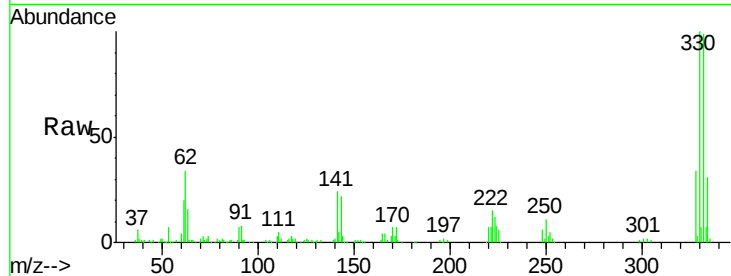




#42
 2,4,6-Tribromophenol
 Concen: 76.526 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

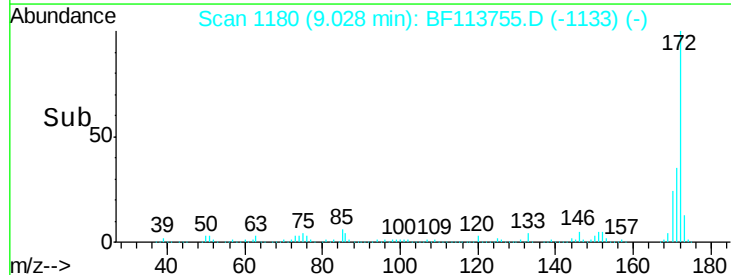
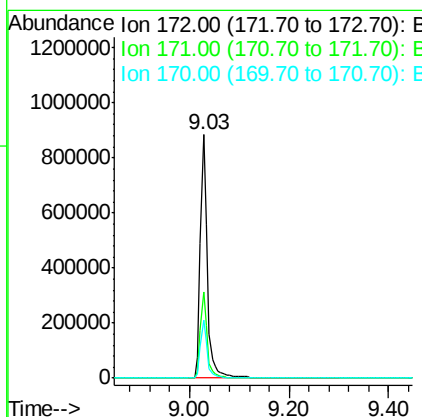
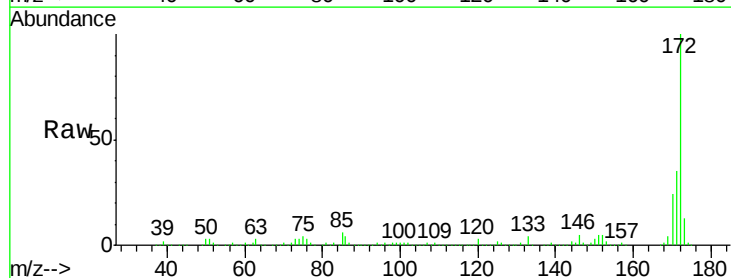
Instrument :
 BNA_F
 ClientSampleId :

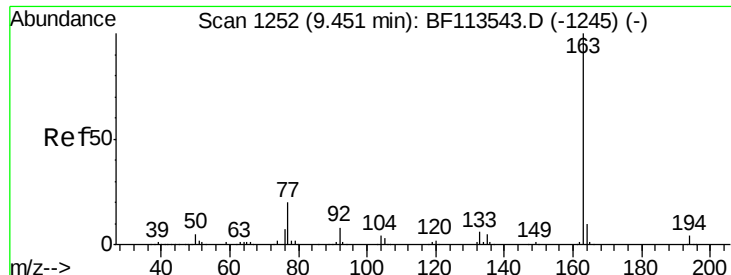
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.6
141	27.4	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 74.667 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.9	19.5	29.3

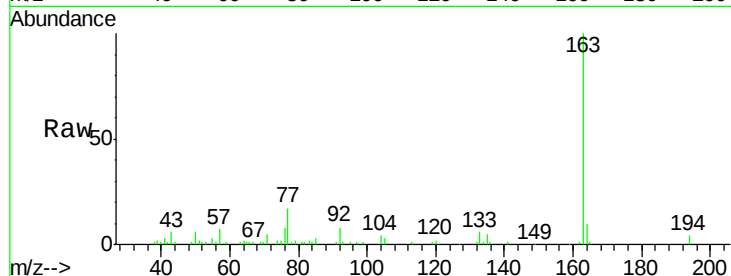




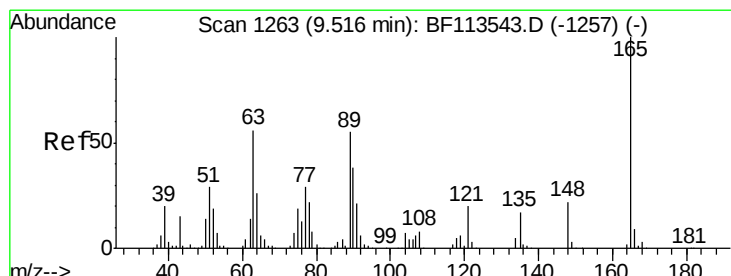
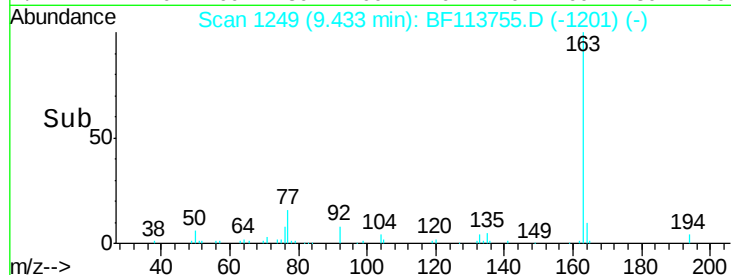
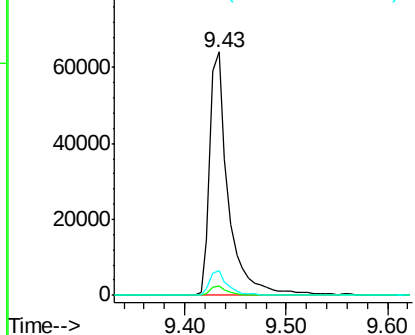
#50
Dimethylphthalate
Concen: 6.012 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 82049
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.1 12.1

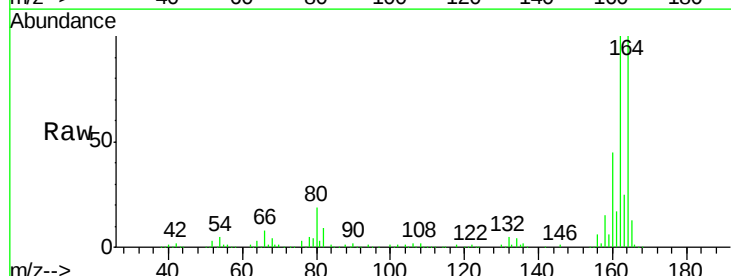


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

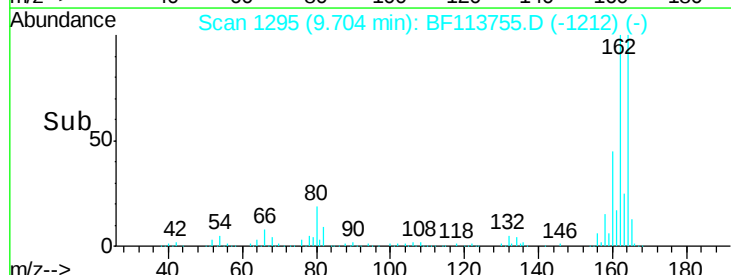
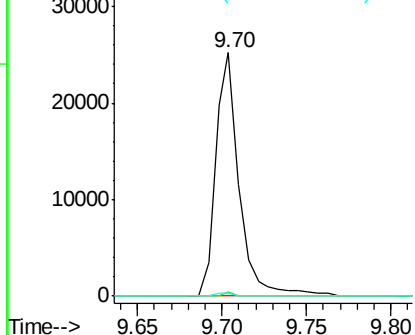


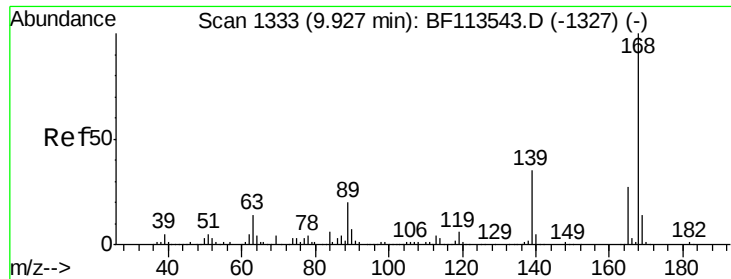
#51
2,6-Dinitrotoluene
Concen: 8.132 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion:165 Resp: 24465
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.0#
89 1.4 43.1 64.7#



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

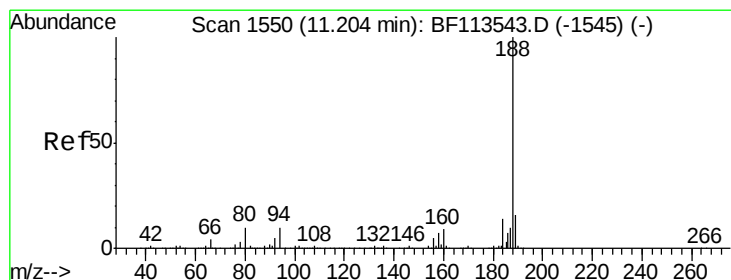
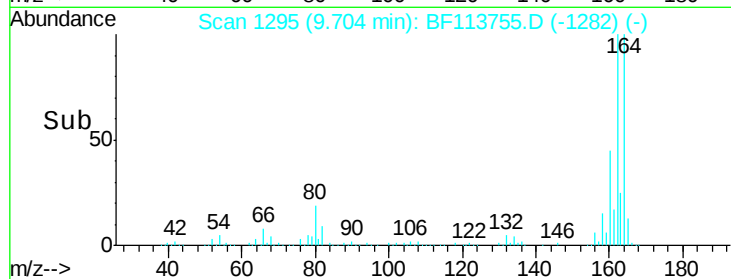
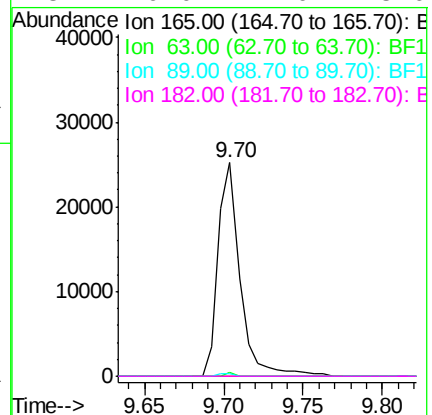
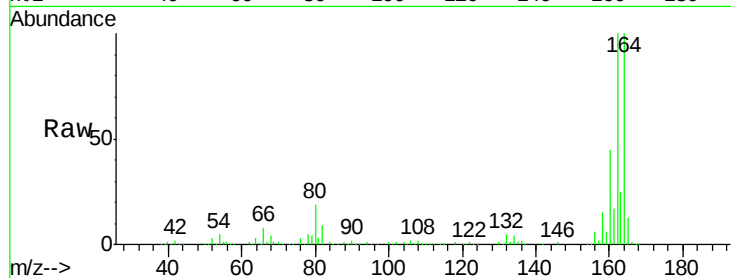




#57
 2,4-Dinitrotoluene
 Concen: 6.724 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

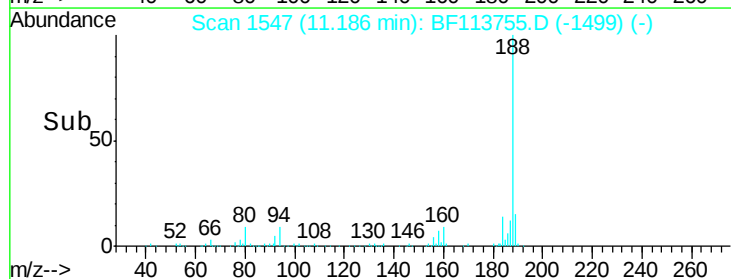
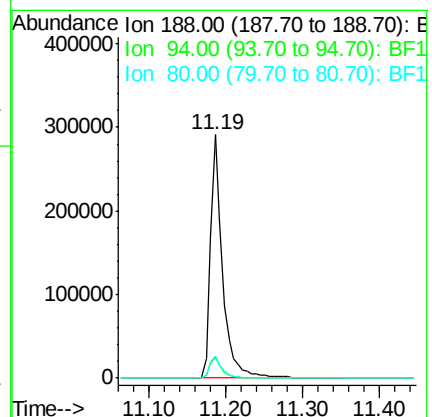
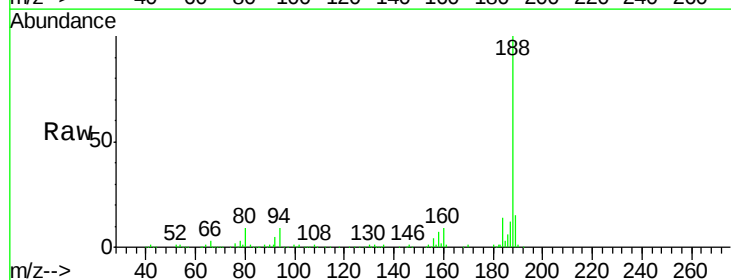
Instrument :
 BNA_F
 ClientSampleId :

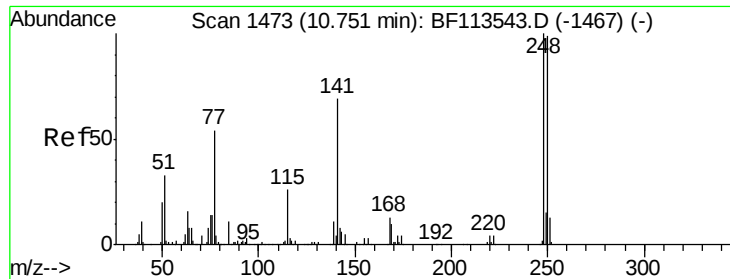
Tot Ion:165 Resp: 24465
 Ion Ratio Lower Upper
 165 100
 63 1.5 37.5 56.3#
 89 1.4 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

Tgt Ion:188 Resp: 316662
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.6
 80 9.2 7.7 11.5

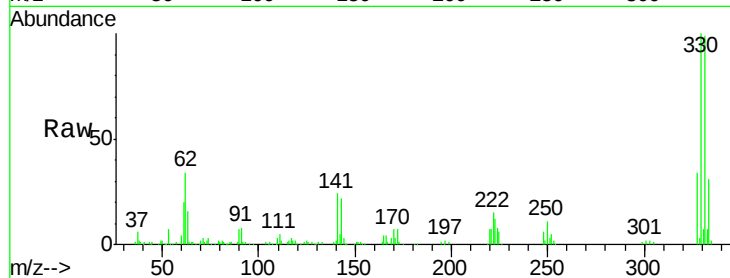




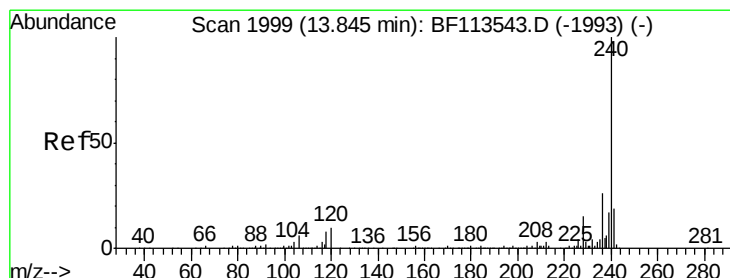
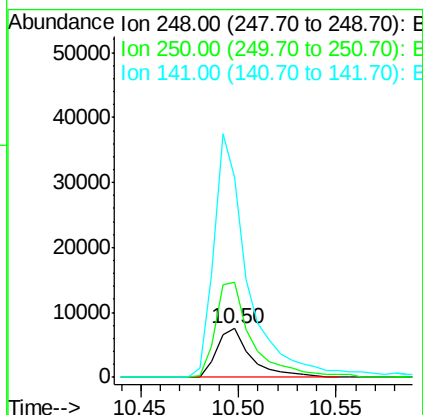
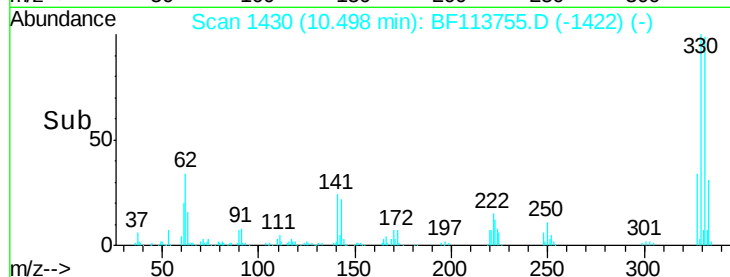
#67
4-Bromophenyl-phenylether
Concen: 2.565 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9108
Ion Ratio Lower Upper
248 100
250 195.1 78.3 117.5#
141 409.1 56.2 84.4#

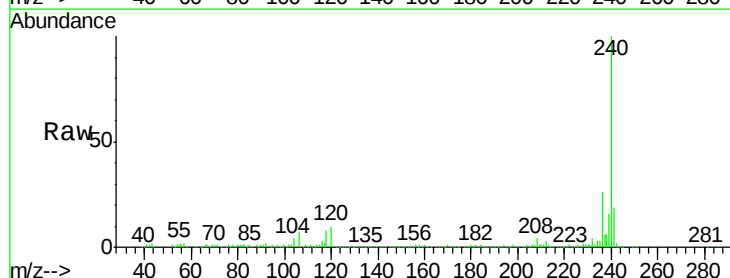


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

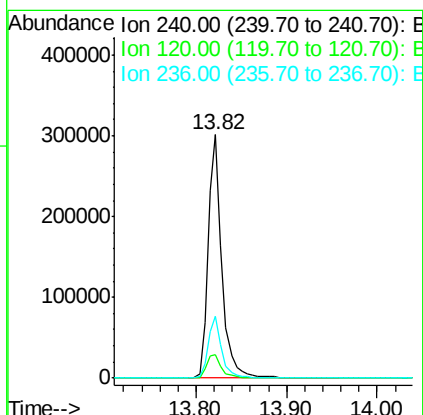
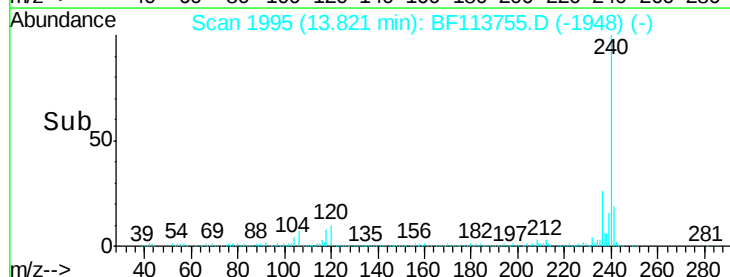


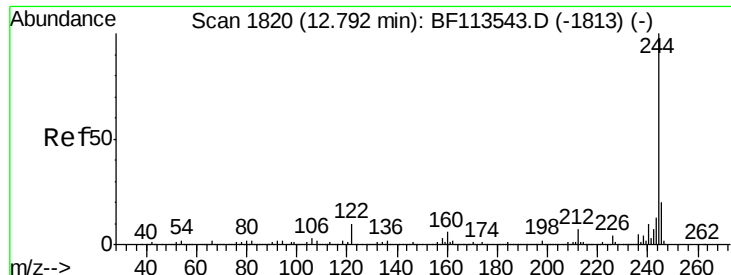
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113755.D
Acq: 12 Apr 2019 23:21

Tgt Ion:240 Resp: 320456
Ion Ratio Lower Upper
240 100
120 9.5 8.8 13.2
236 25.6 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: 45.692 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113755.D

Acq: 12 Apr 2019 23:21

Instrument :

BNA_F

ClientSampleId :

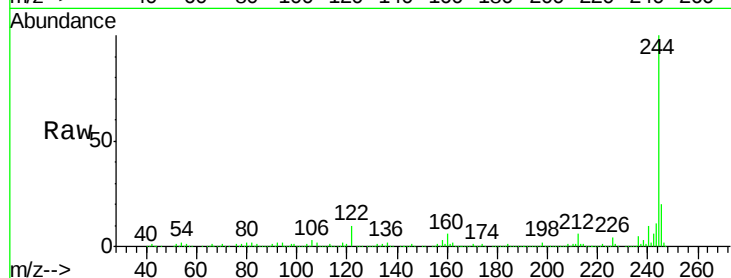
Tot Ion:244 Resp: 719170

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

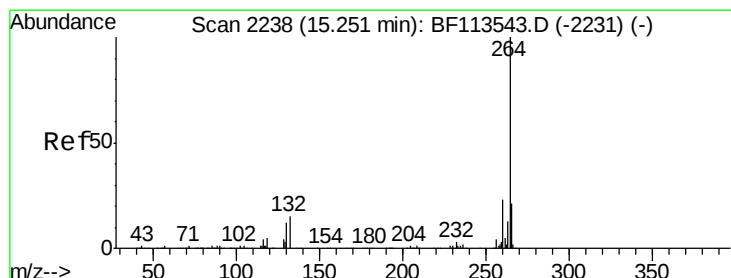
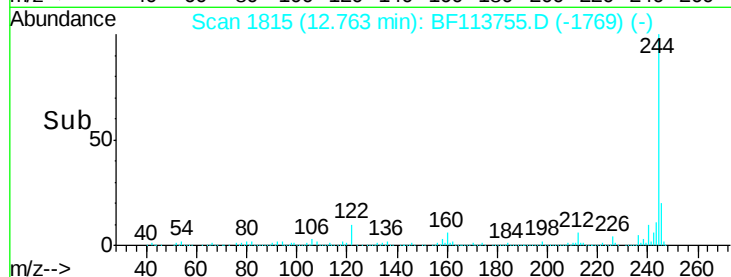
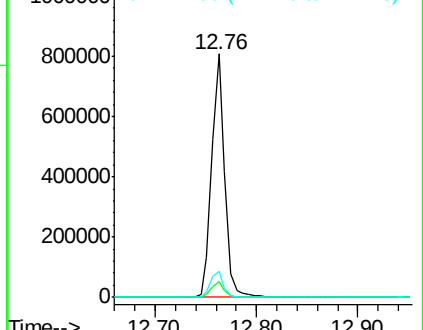
122 10.5 8.6 13.0



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: BF113755.D

Acq: 12 Apr 2019 23:21

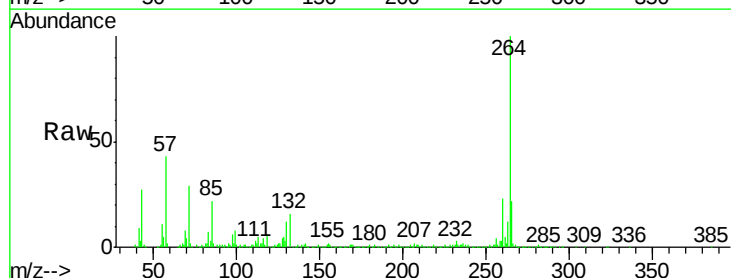
Tgt Ion:264 Resp: 339943

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

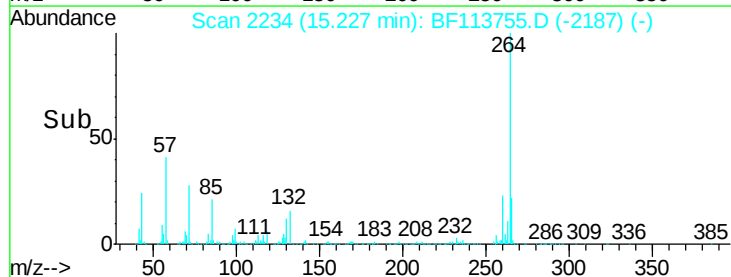
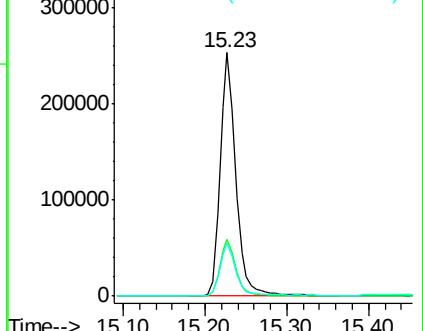
265 21.9 17.1 25.7

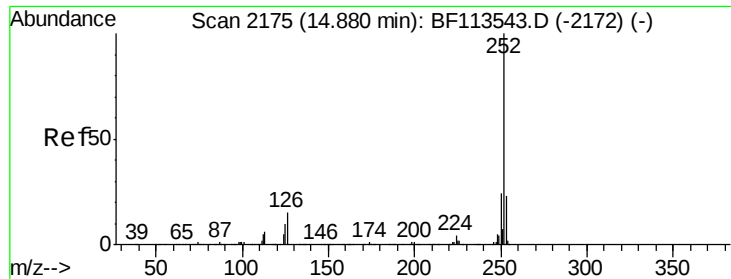


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89
 Benzo(k)fluoranthene
 Concen: 2.007 ng
 RT: 14.84 min Scan# 2168
 Delta R.T. -0.04 min
 Lab File: BF113755.D
 Acq: 12 Apr 2019 23:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.7	26.5#
125	17.5	7.3	10.9#

