

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113582.D
 Acq On : 4 Apr 2019 14:38
 Operator : JU/SJ
 Sample : PB118303BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:30:16 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

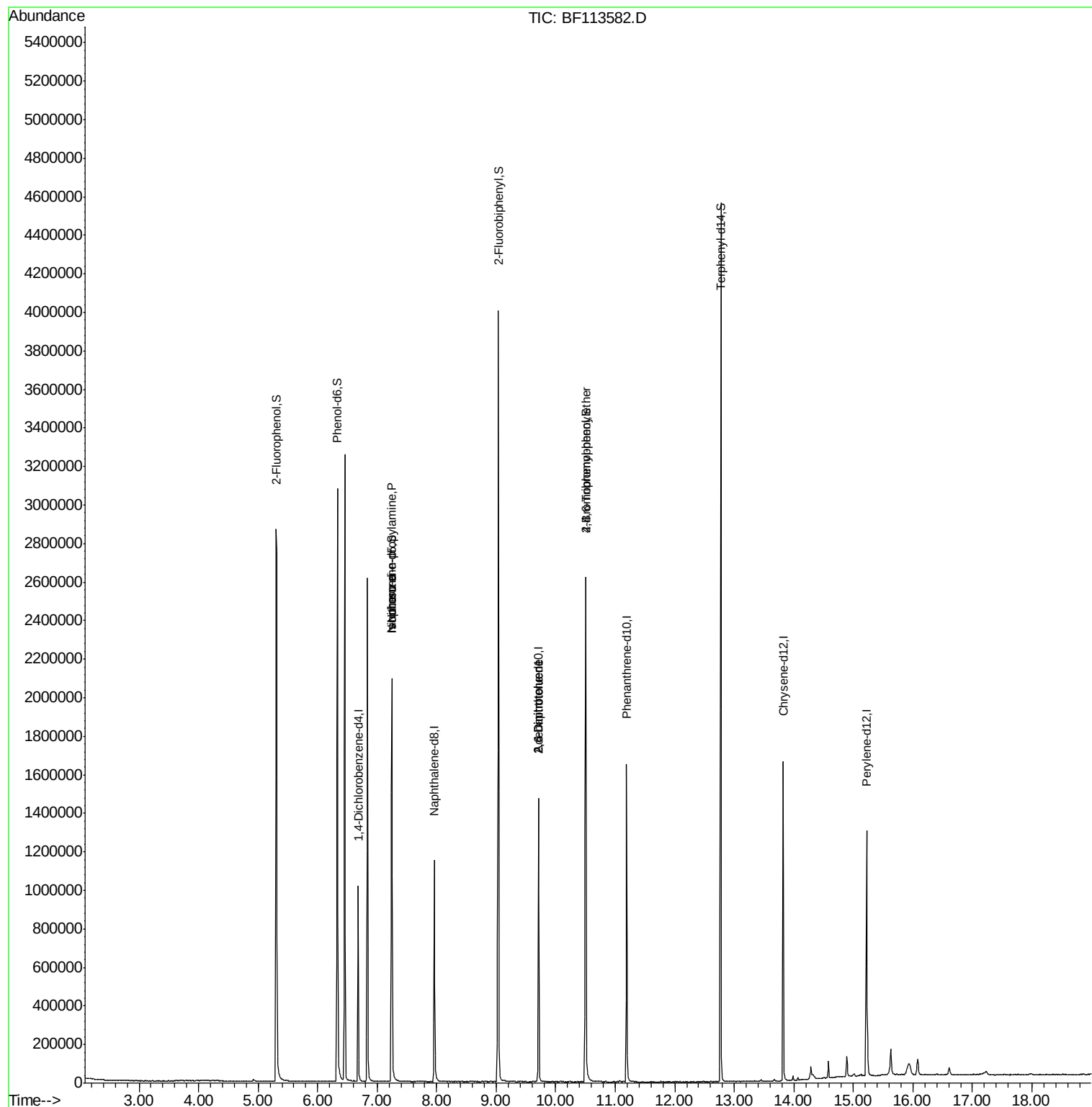
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	156559	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	595357	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	301148	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	663036	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	626857	20.00	ng	-0.02
87) Perylene-d12	15.22	264	571157	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	956037	104.13	ng	0.01
7) Phenol-d6	6.33	99	1244758	110.00	ng	0.00
23) Nitrobenzene-d5	7.25	82	758739	74.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	421356	116.48	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1477746	79.00	ng	-0.01
79) Terphenyl-d14	12.77	244	1822363	59.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	98522	14.119	ng	# 75
25) Isophorone	7.25	82	752506	38.433	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	37991	7.764	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	37991	6.420	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	24055	3.235	ng	# 1

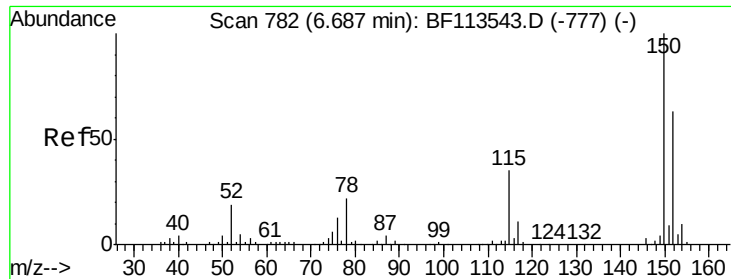
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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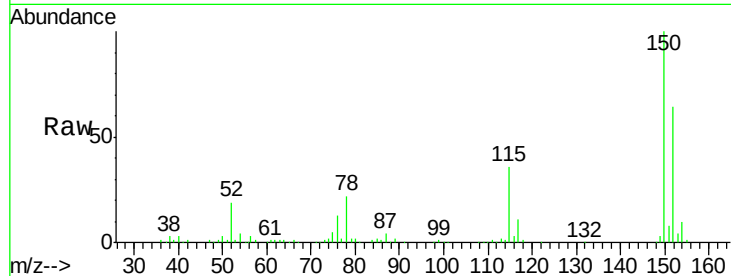


#1

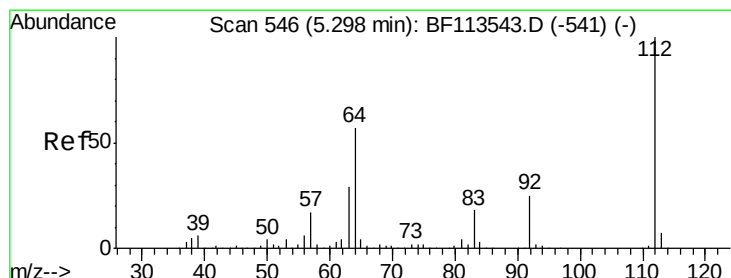
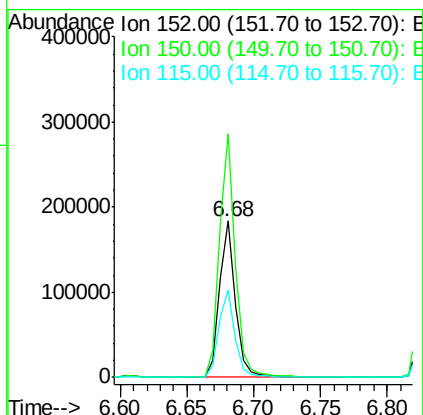
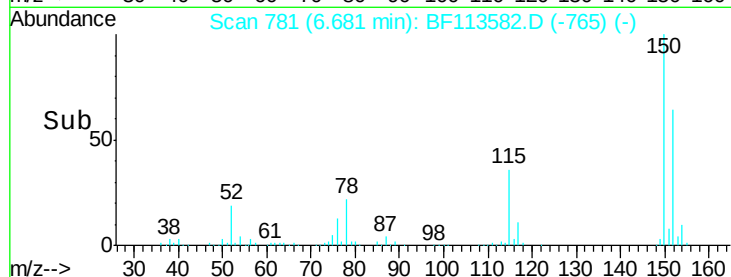
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	56.0	46.0	69.0



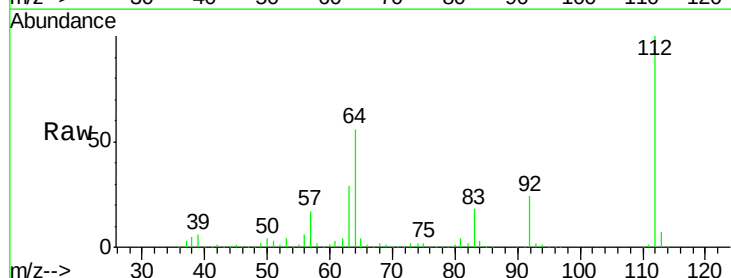
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



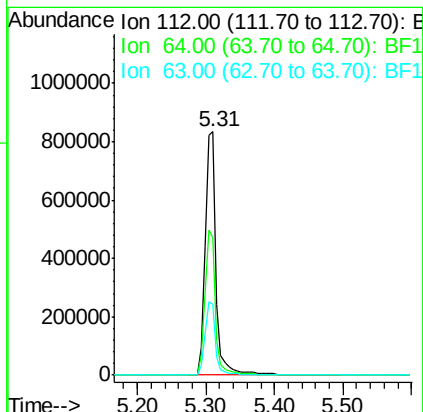
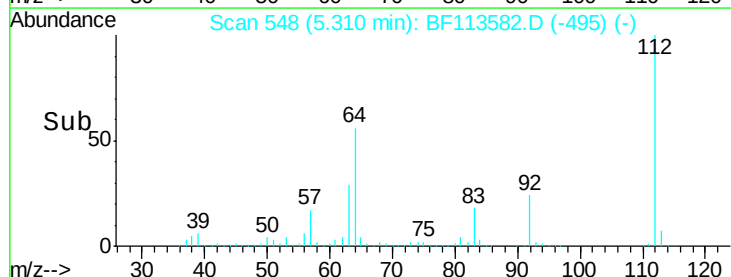
#5

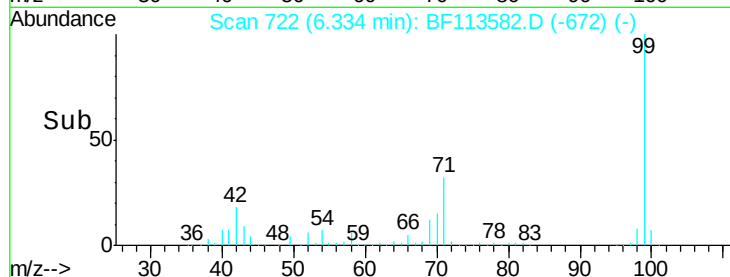
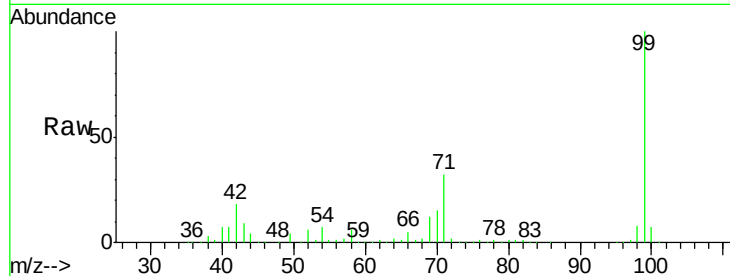
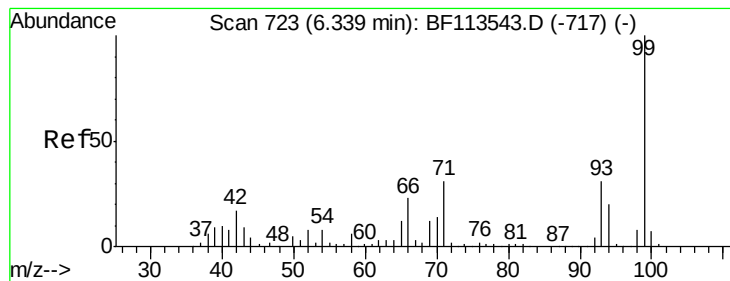
2-Fluorophenol
Concen: 104.131 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	49.2	73.8
63	28.9	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: 110.002 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113582.D

Acq: 4 Apr 2019 14:38

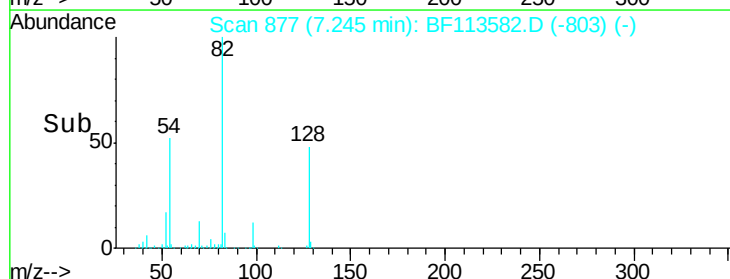
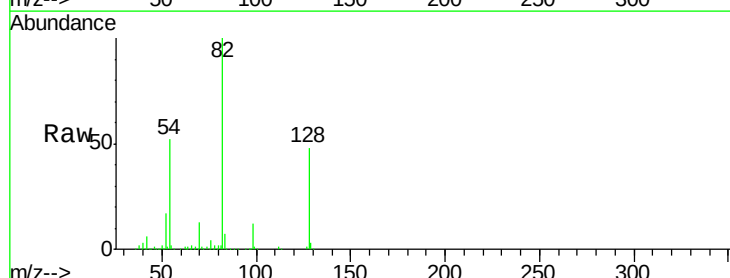
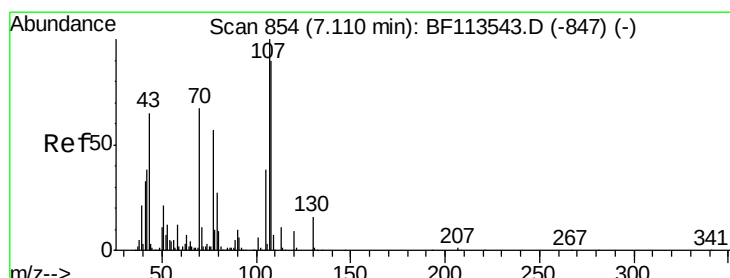
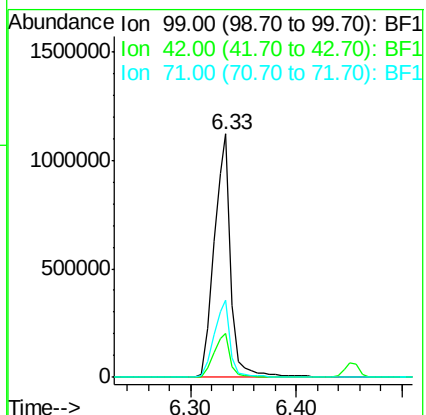
Tot Ion: 99 Resp: 1244758

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	31.7	24.9	37.3

Instrument :

BNA_F

ClientSampled :



#19

n-Nitroso-di-n-propylamine

Concen: 14.119 ng

RT: 7.25 min Scan# 877

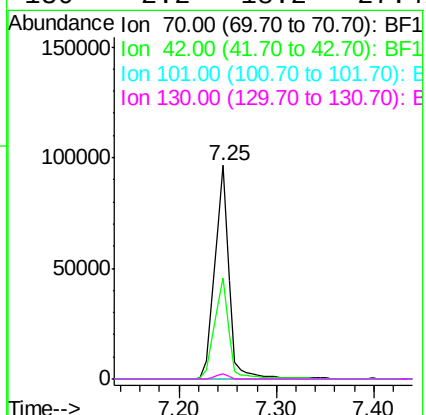
Delta R.T. 0.14 min

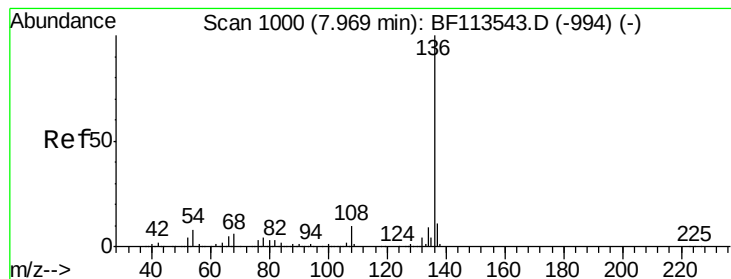
Lab File: BF113582.D

Acq: 4 Apr 2019 14:38

Tgt Ion: 70 Resp: 98522

Ion	Ratio	Lower	Upper
70	100		
42	47.3	48.4	72.6#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113582.D

Acq: 4 Apr 2019 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 595357

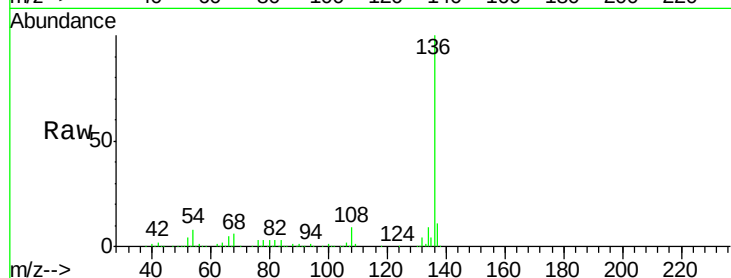
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 7.0 10.6

68 5.9 4.8 7.2

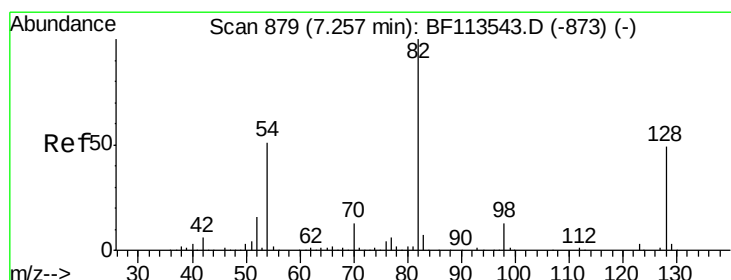
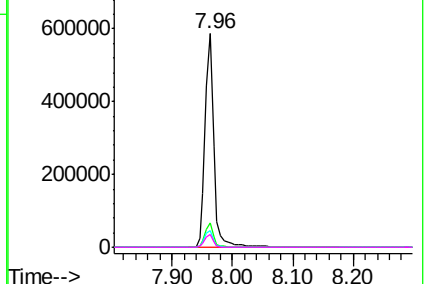
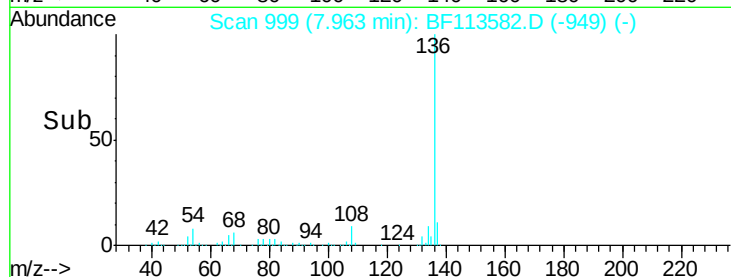


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.650 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113582.D

Acq: 4 Apr 2019 14:38

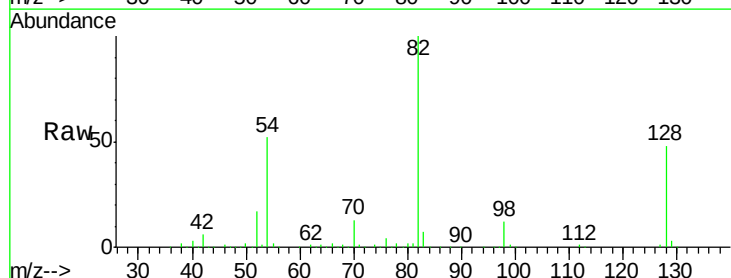
Tgt Ion: 82 Resp: 758739

Ion Ratio Lower Upper

82 100

128 47.6 36.5 54.7

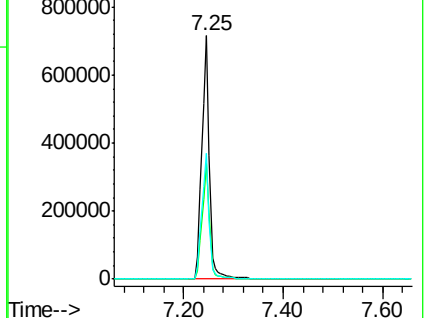
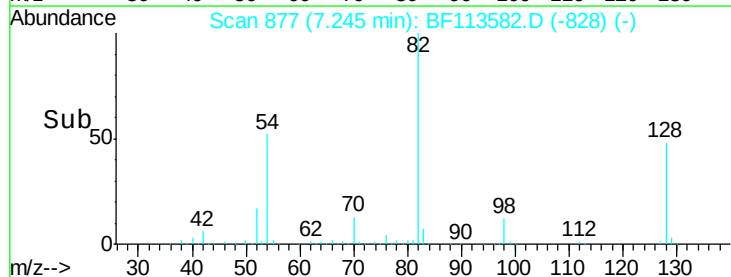
54 51.9 42.2 63.2

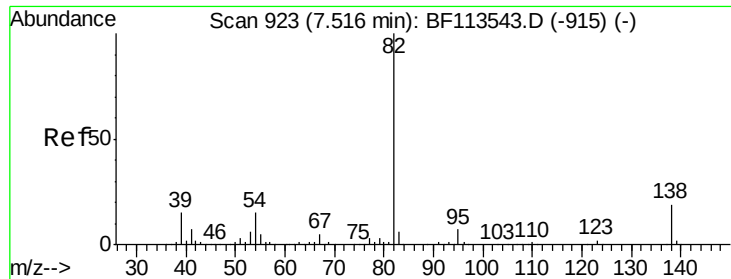


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

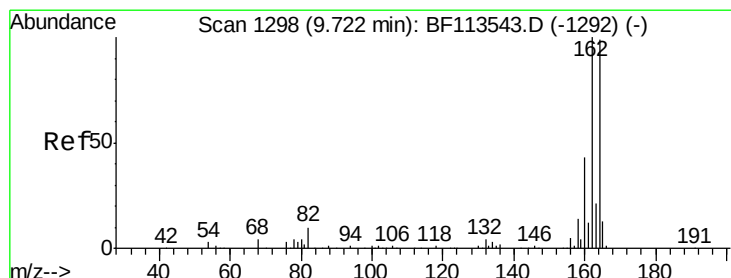
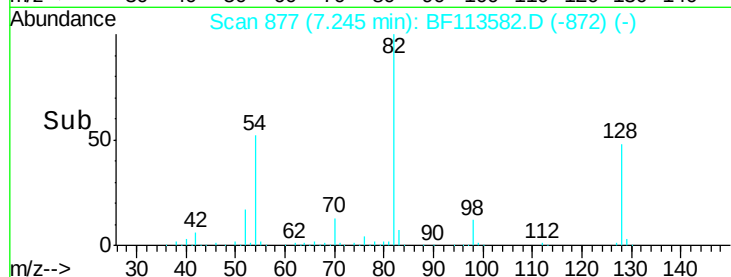
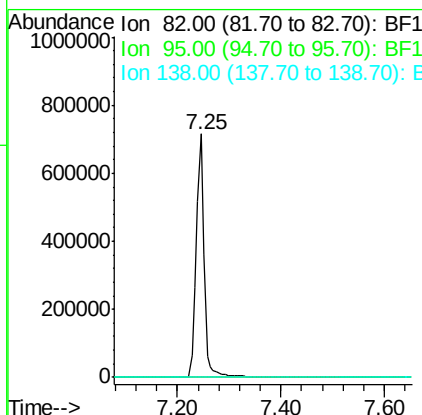
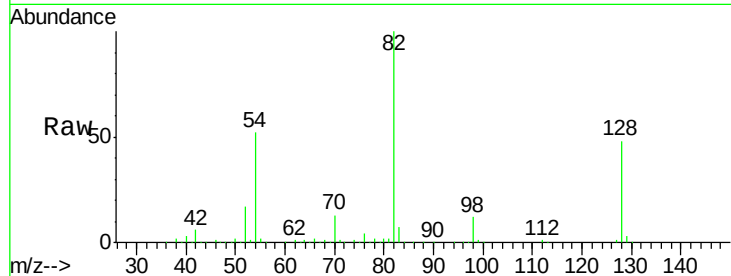




#25
Isophorone
Concen: 38.433 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

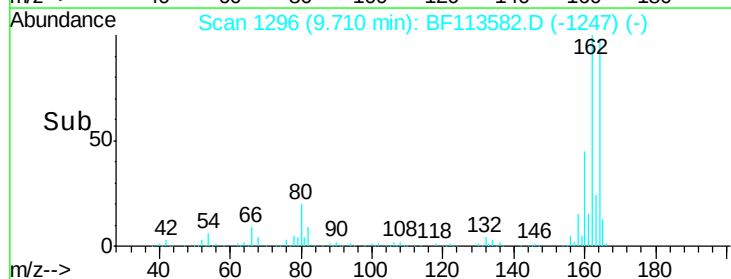
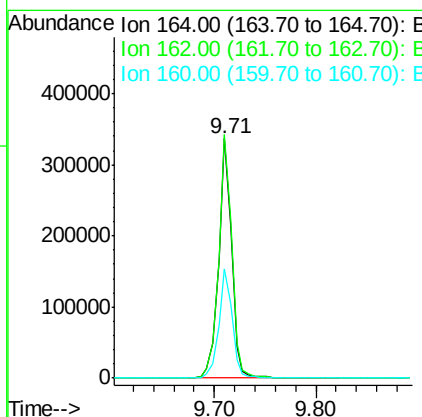
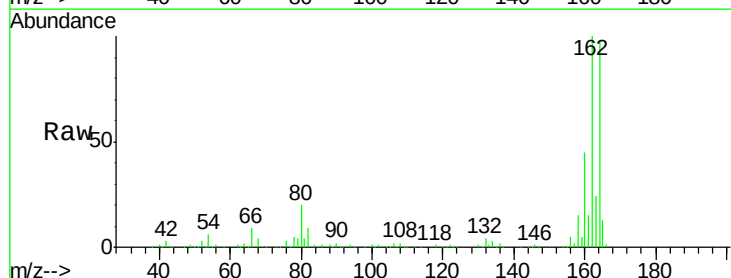
Instrument :
BNA_F
ClientSampleID :

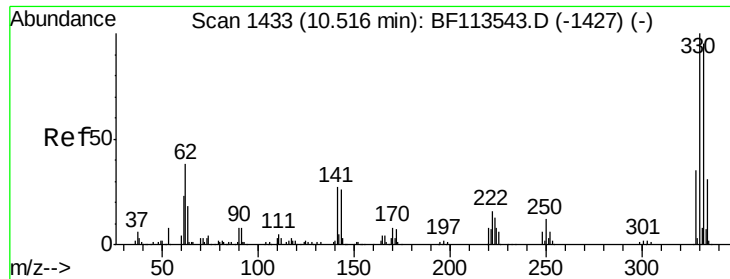
Tot Ion: 82 Resp: 752506
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Tgt Ion: 164 Resp: 301148
Ion Ratio Lower Upper
164 100
162 101.6 81.8 122.6
160 45.6 36.4 54.6

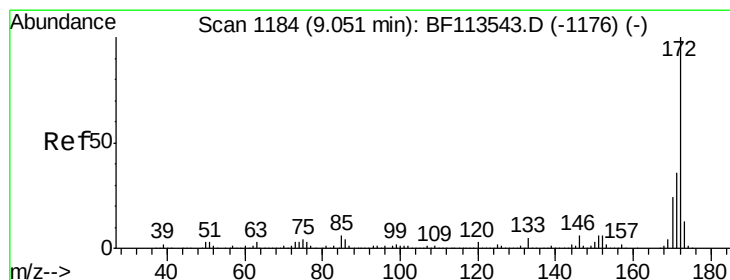
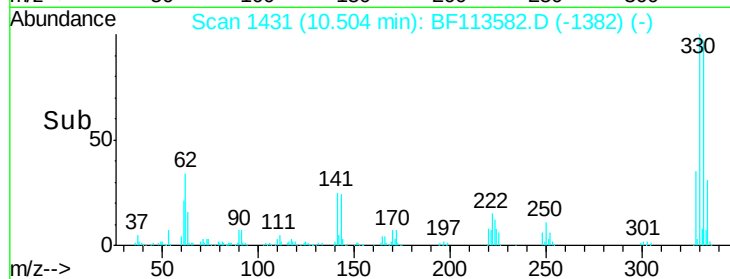
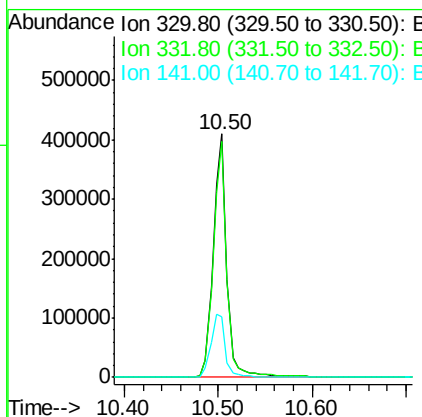
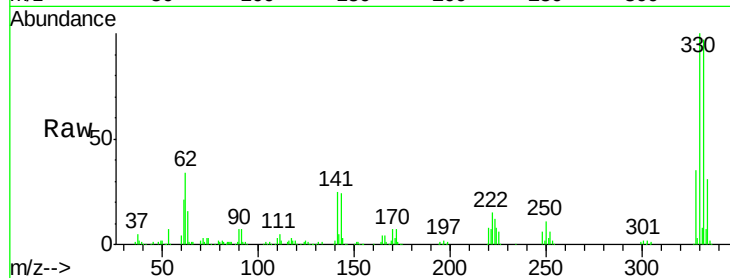




#42
 2,4,6-Tribromophenol
 Concen: 116.476 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113582.D
 Acq: 4 Apr 2019 14:38

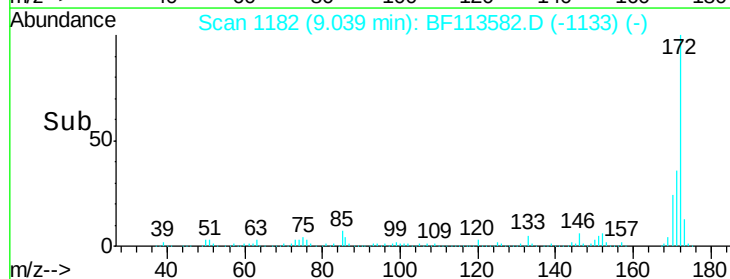
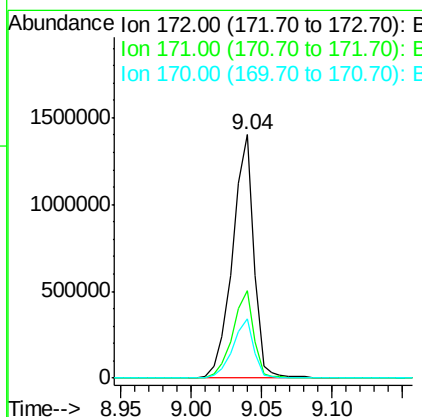
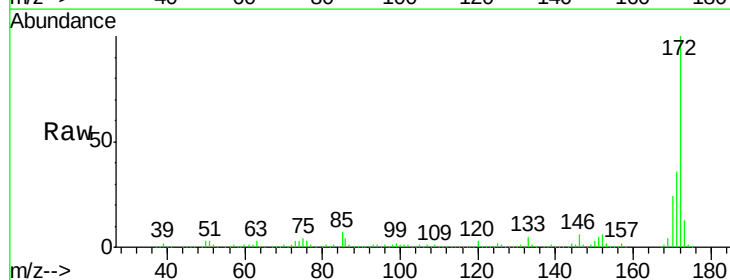
Instrument :
 BNA_F
 ClientSampled :

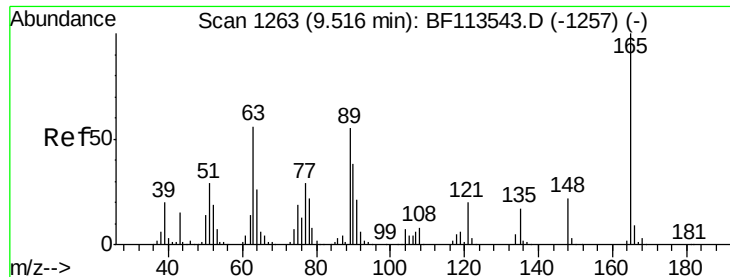
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	27.9	22.7	34.1



#45
 2-Fluorobiphenyl
 Concen: 78.998 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113582.D
 Acq: 4 Apr 2019 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.3	19.5	29.3

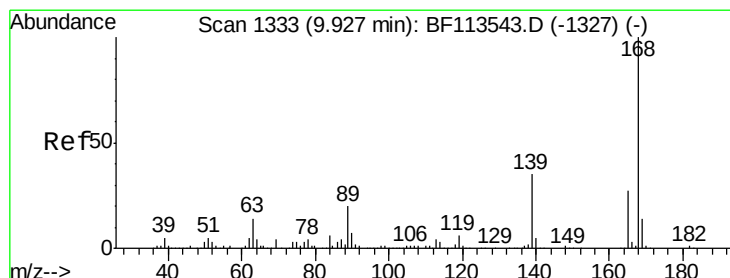
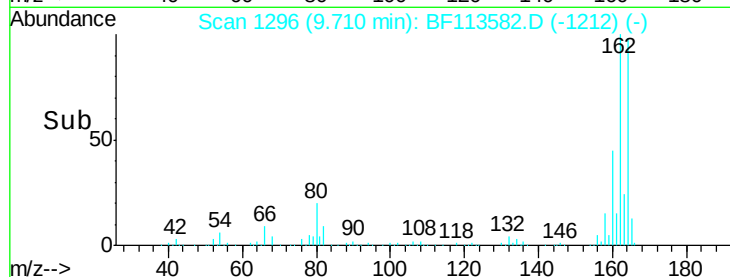
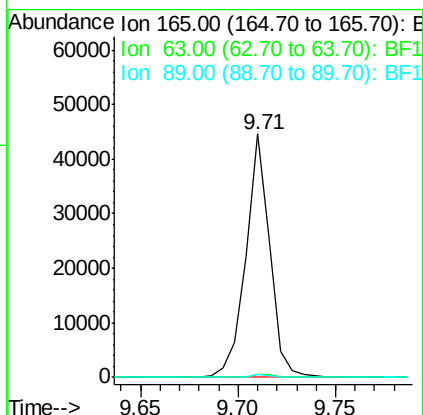
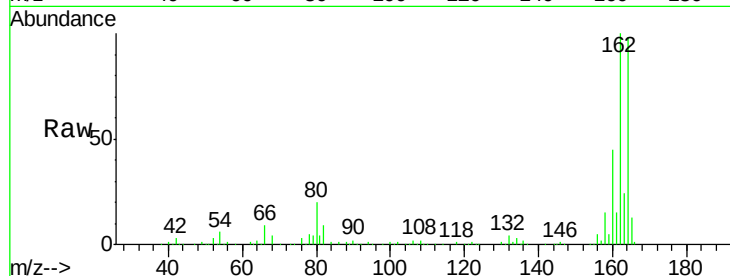




#51
2,6-Dinitrotoluene
Concen: 7.764 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

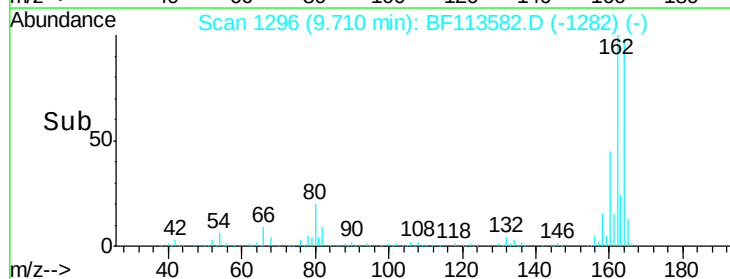
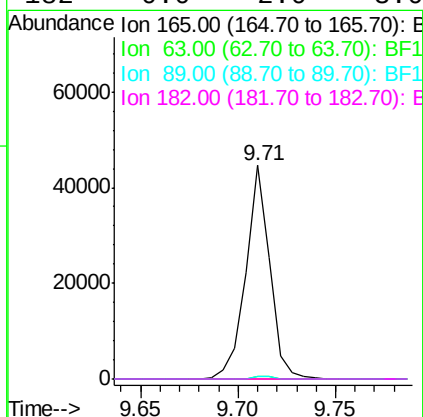
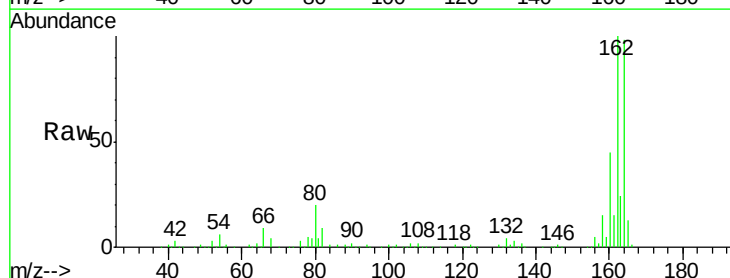
Instrument :
BNA_F
ClientSampleId :

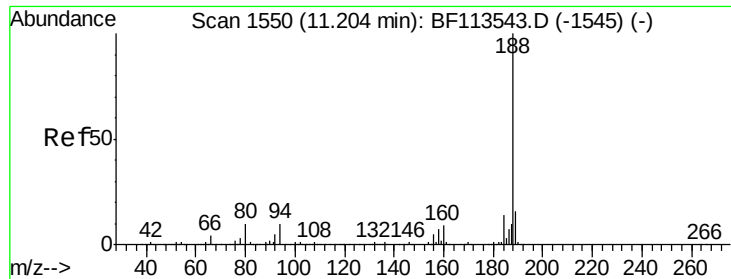
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.4	65.0#
89	1.2	43.1	64.7#



#57
2,4-Dinitrotoluene
Concen: 6.420 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#

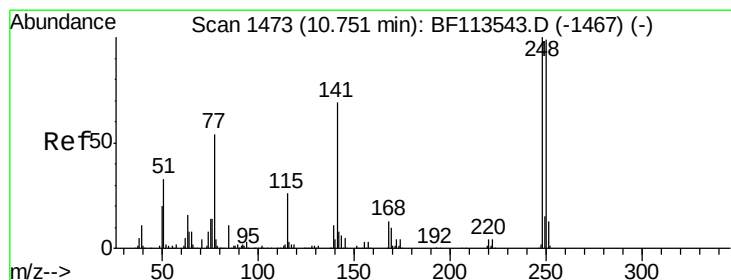
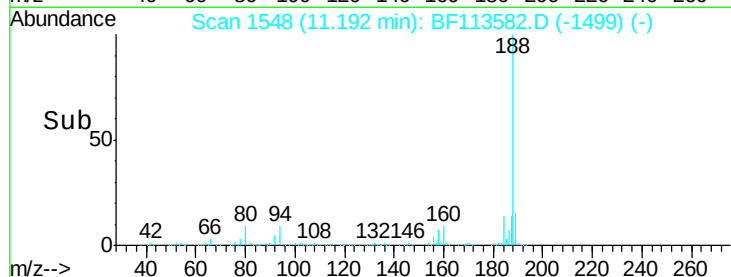
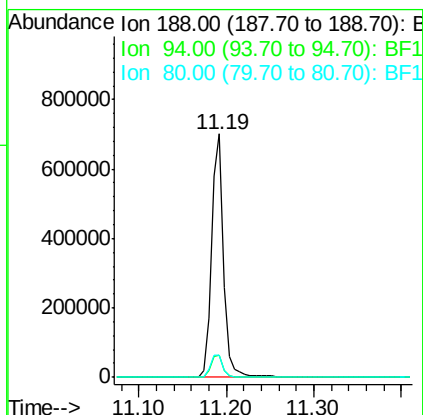
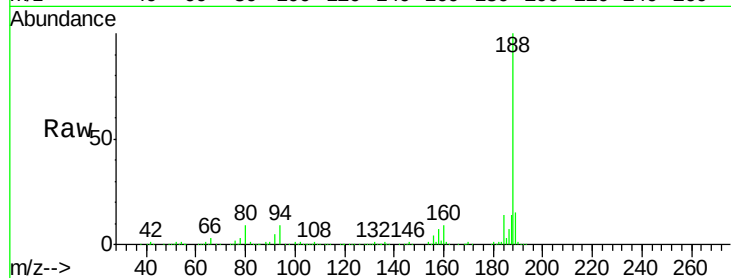




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113582.D
 Acq: 4 Apr 2019 14:38

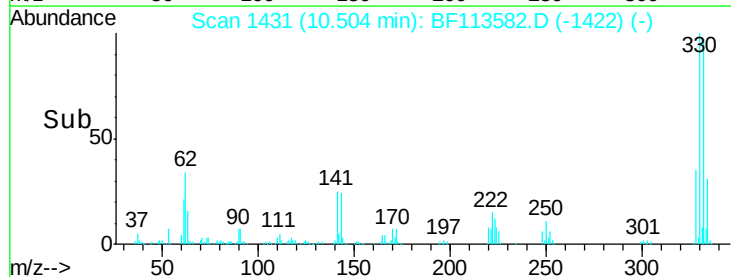
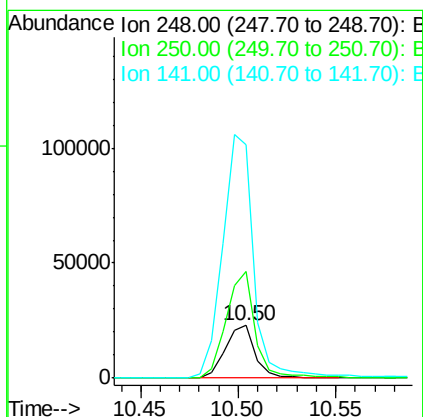
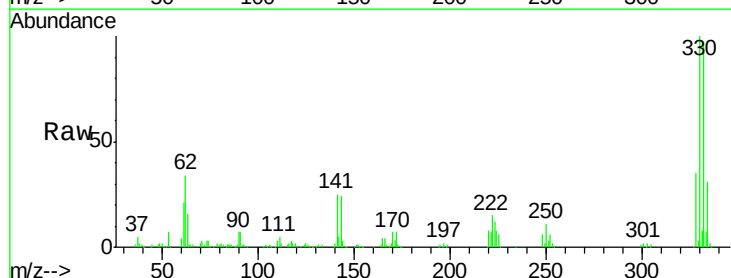
Instrument :
 BNA_F
 ClientSampleId :

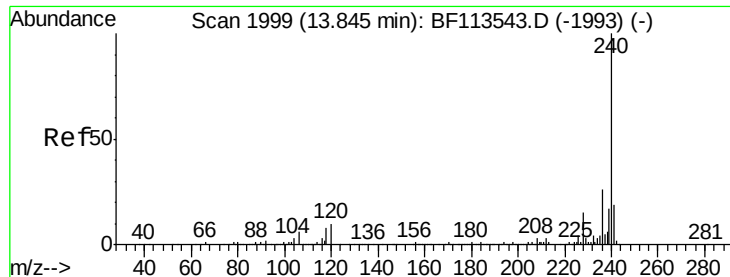
Tot Ion:188 Resp: 663036
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.0 10.6
 80 8.9 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.235 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF113582.D
 Acq: 4 Apr 2019 14:38

Tgt Ion:248 Resp: 24055
 Ion Ratio Lower Upper
 248 100
 250 202.0 78.3 117.5#
 141 442.4 56.2 84.4#

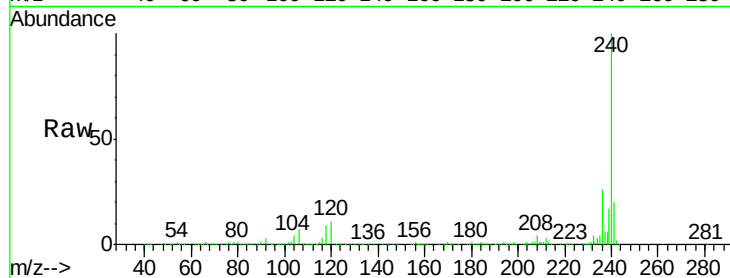




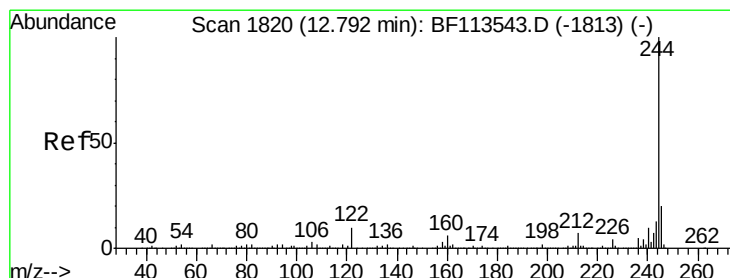
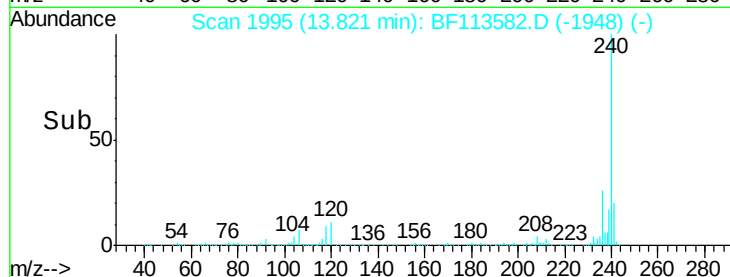
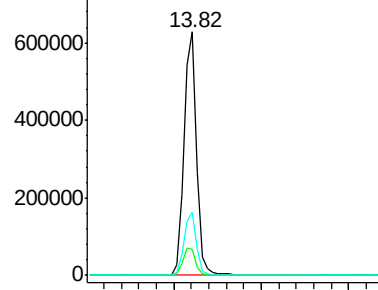
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 626857
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 26.1 20.9 31.3

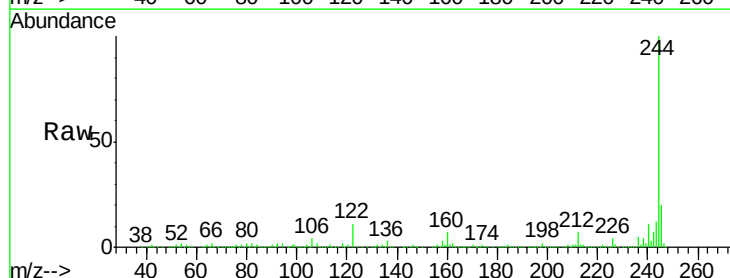


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

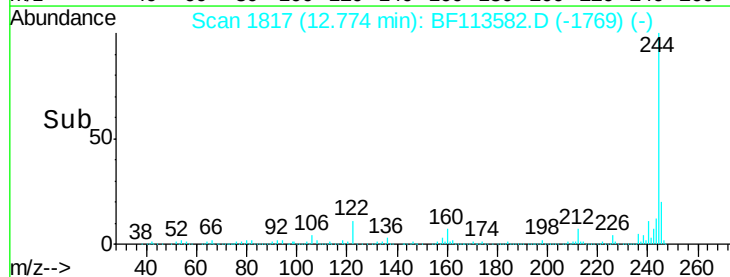
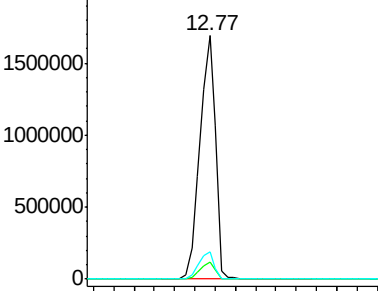


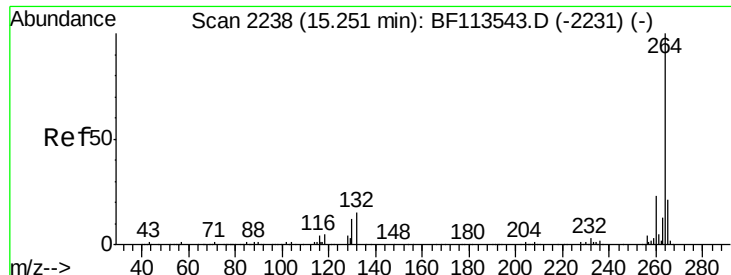
#79
Terphenyl-d14
Concen: 59.190 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Tgt Ion:244 Resp: 1822363
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.1 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

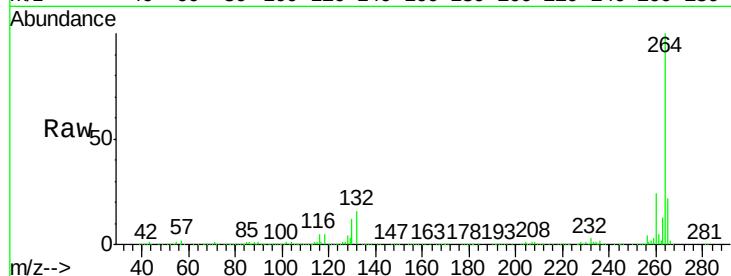




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113582.D
Acq: 4 Apr 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.1	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

