

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041619\
 Data File : BF113799.D
 Acq On : 16 Apr 2019 17:53
 Operator : JU/SJ
 Sample : K2203-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 01:06:49 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

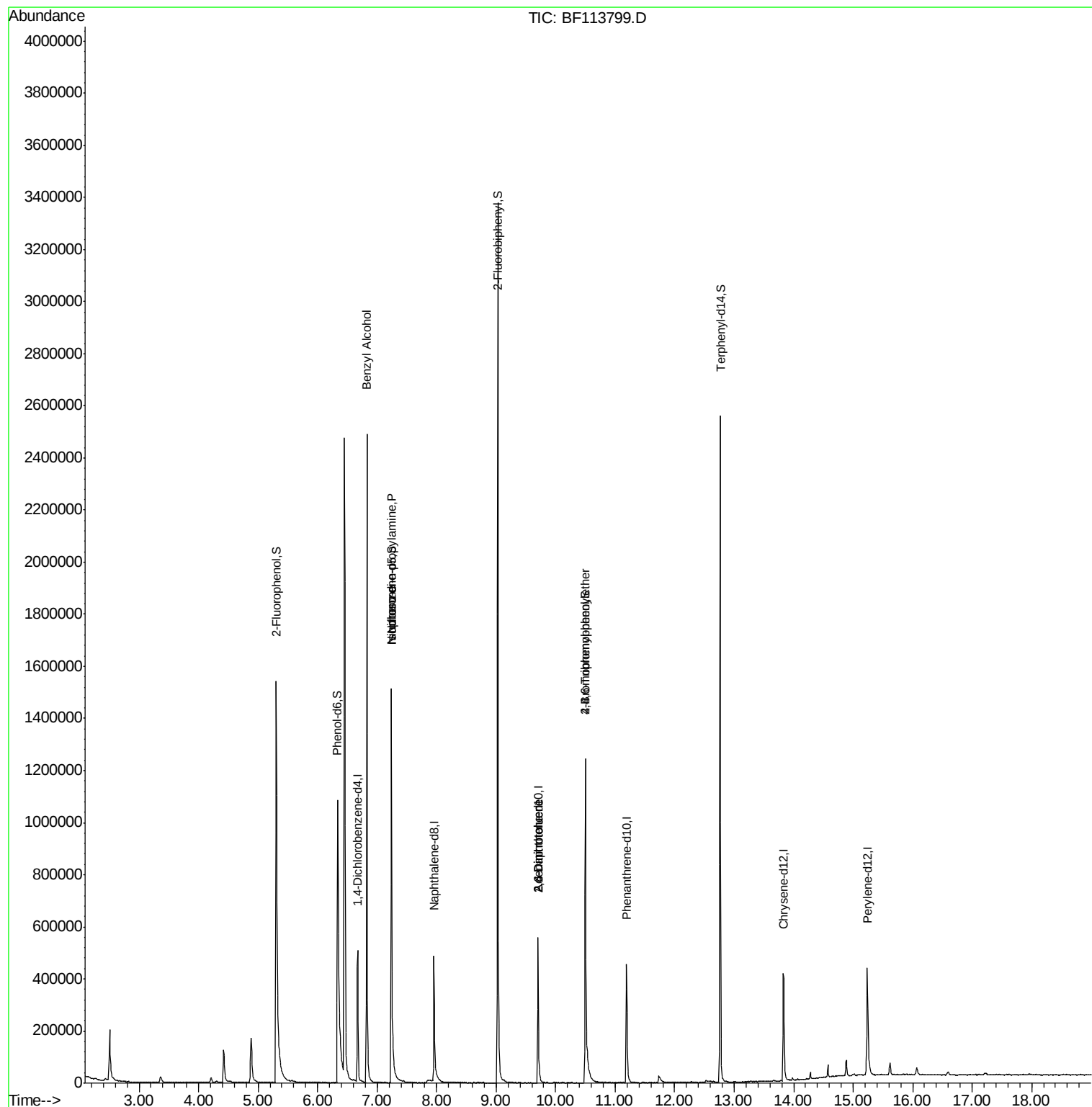
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	88472	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	318851	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	140409	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	237661	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	202007	20.00	ng	-0.02
87) Perylene-d12	15.24	264	250203	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	739611	142.55	ng	0.00
7) Phenol-d6	6.33	99	843663	131.93	ng	0.00
23) Nitrobenzene-d5	7.24	82	633297	116.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	254664	150.99	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1172595	134.45	ng	-0.02
79) Terphenyl-d14	12.77	244	976118	98.38	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	9642	2.230	ng	# 47
19) n-Nitroso-di-n-propylamine	7.24	70	81144	20.578	ng	# 78
25) Isophorone	7.24	82	633294	60.394	ng	# 64
51) 2,6-Dinitrotoluene	9.70	165	18027	7.902	ng	# 25
57) 2,4-Dinitrotoluene	9.70	165	18027	6.533	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	13961	5.238	ng	# 1

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

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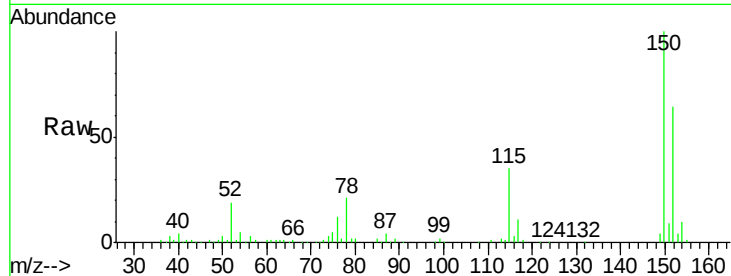


#1

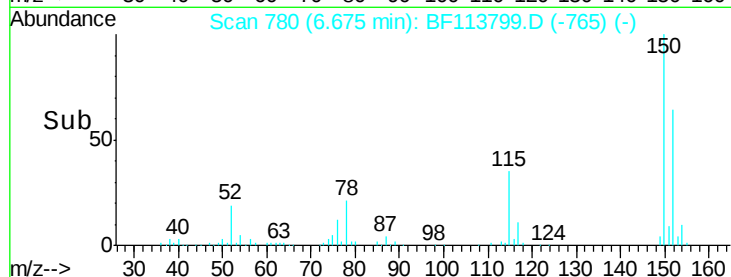
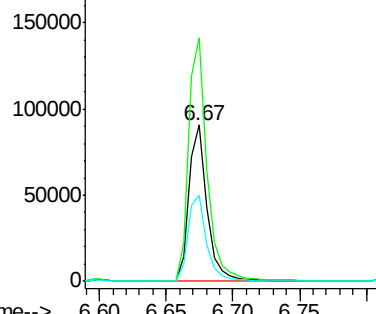
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88472
Ion Ratio Lower Upper
152 100
150 155.8 124.7 187.1
115 54.8 46.0 69.0



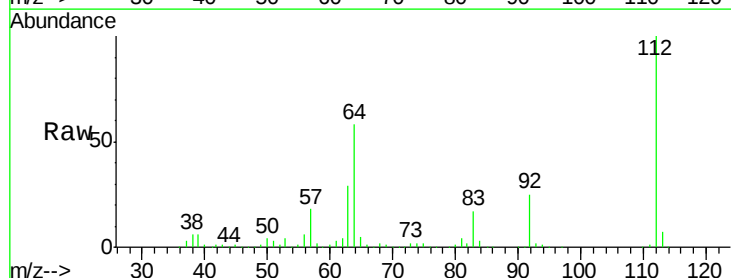
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



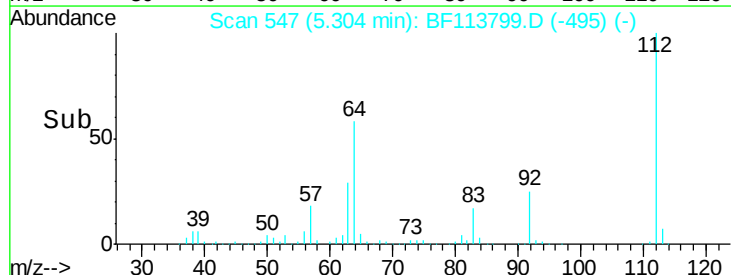
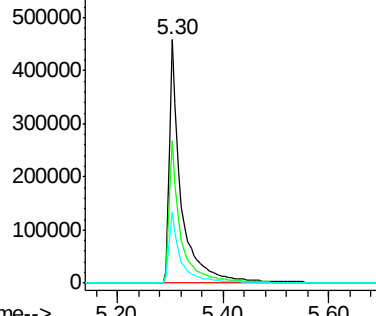
#5

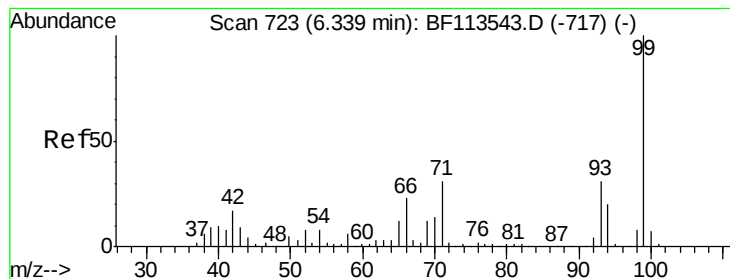
2-Fluorophenol
Concen: 142.554 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Tgt Ion:112 Resp: 739611
Ion Ratio Lower Upper
112 100
64 58.3 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: 131.934 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Instrument :

BNA_F

ClientSampled :

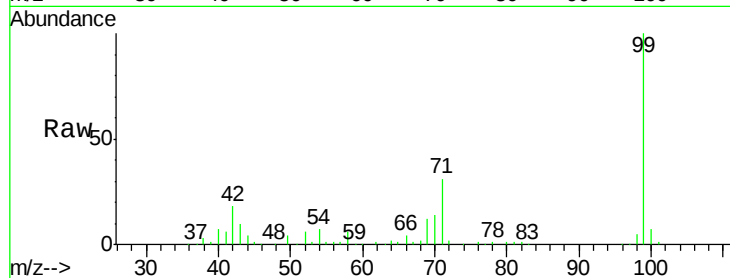
Tot Ion: 99 Resp: 843663

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

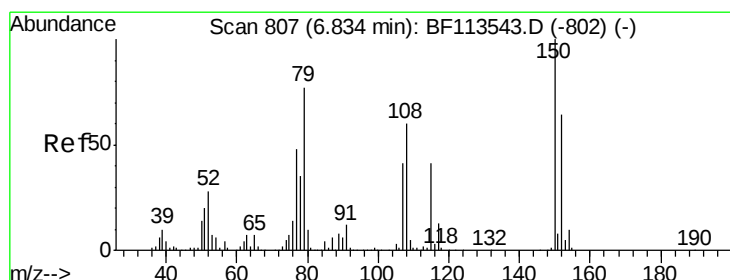
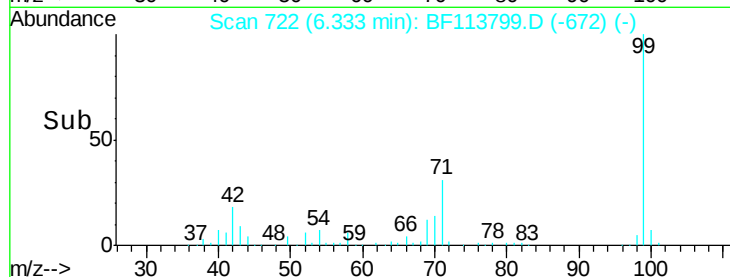
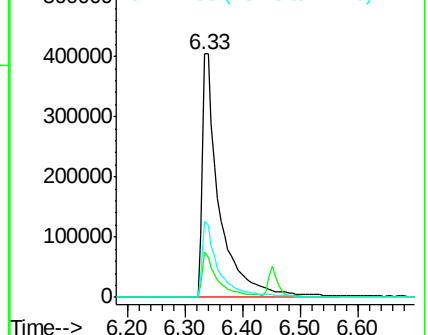
71 31.4 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.230 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

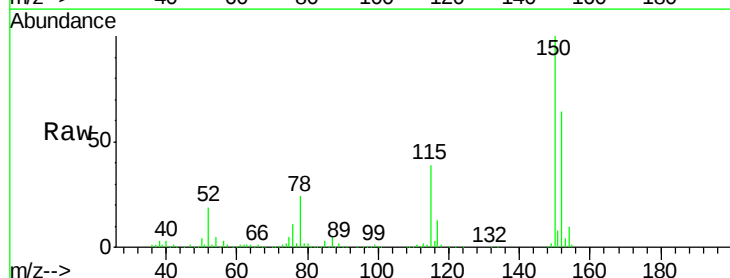
Tgt Ion: 79 Resp: 9642

Ion Ratio Lower Upper

79 100

108 31.5 62.0 93.0#

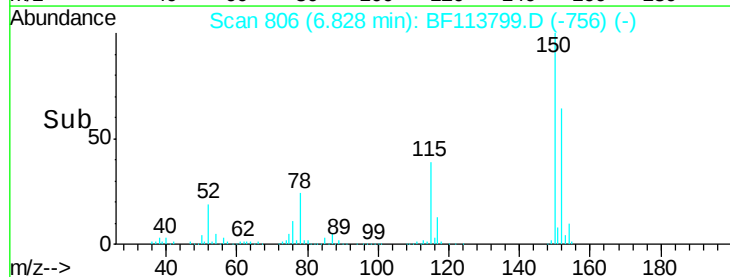
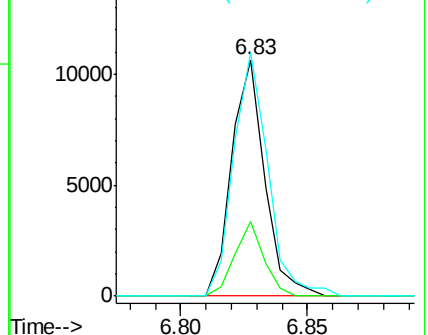
77 102.9 49.9 74.9#

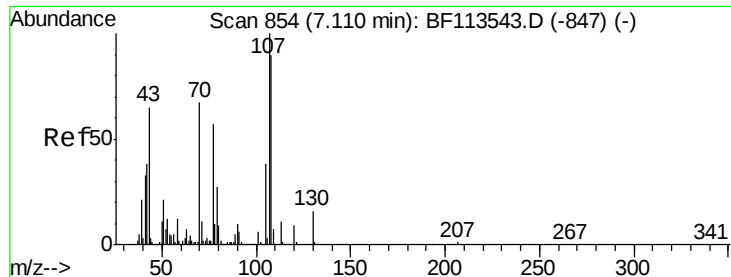


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 20.578 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113799.D

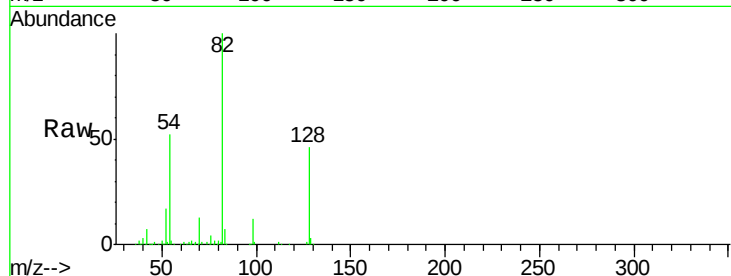
Acq: 16 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	81144
Ion	Ratio	Lower	Upper
70	100		
42	50.1	48.4	72.6
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



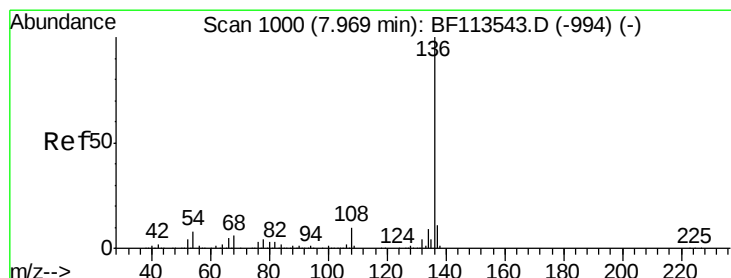
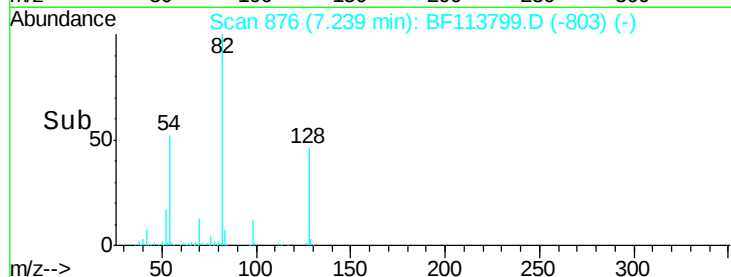
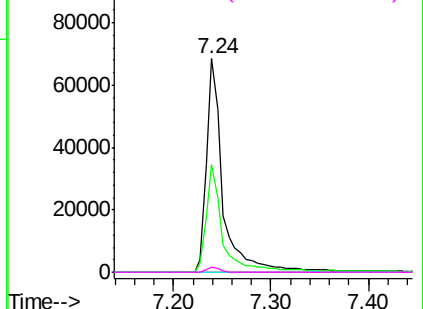
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

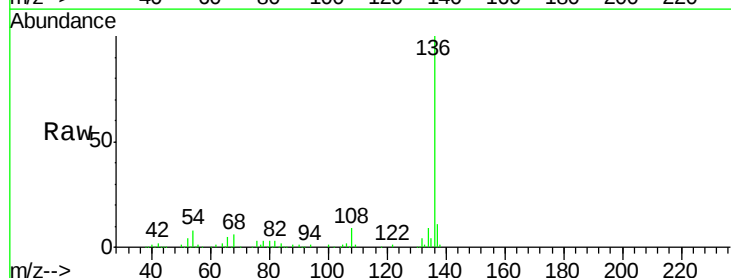
RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Tgt Ion:	136	Resp:	318851
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	7.0	10.6
68	5.8	4.8	7.2



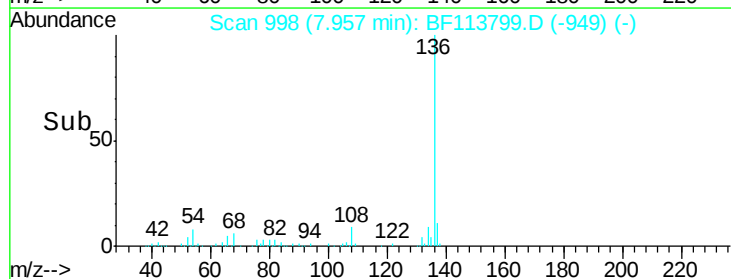
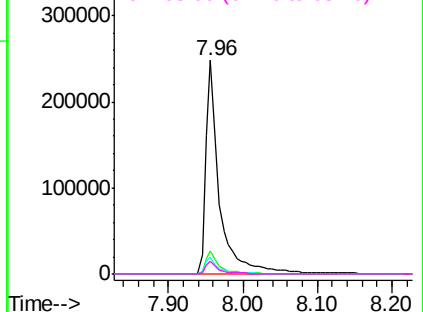
Abundance

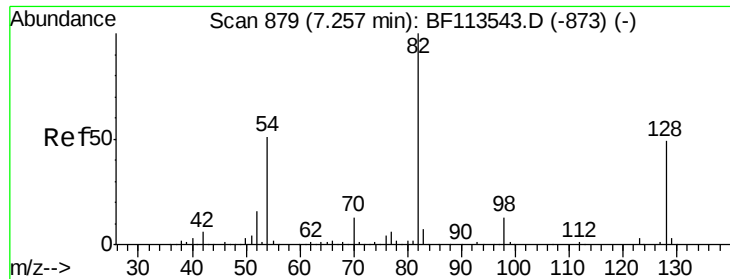
Ion 136.00 (135.70 to 136.70): E

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

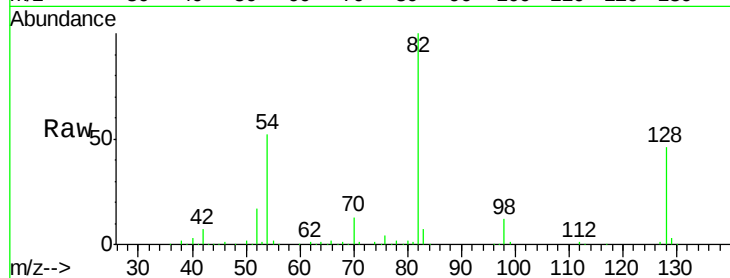




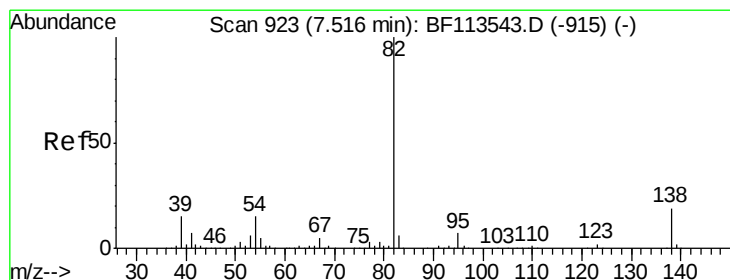
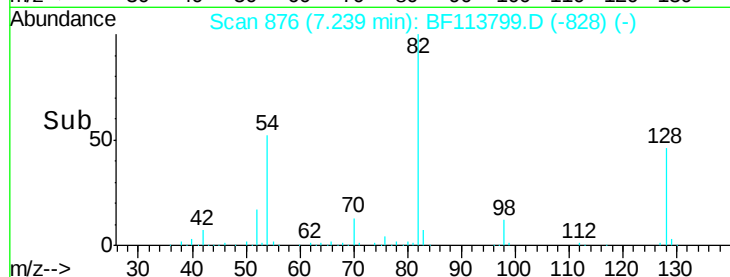
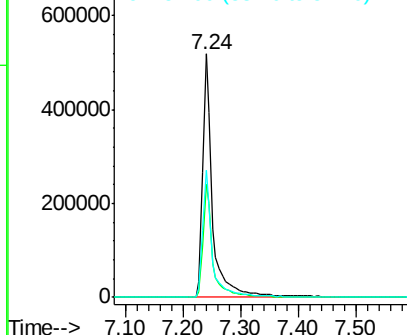
#23
Nitrobenzene-d5
Concen: 116.341 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 633297
Ion Ratio Lower Upper
82 100
128 46.5 36.5 54.7
54 52.3 42.2 63.2

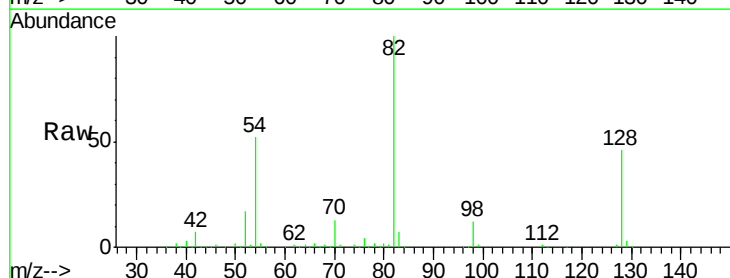


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

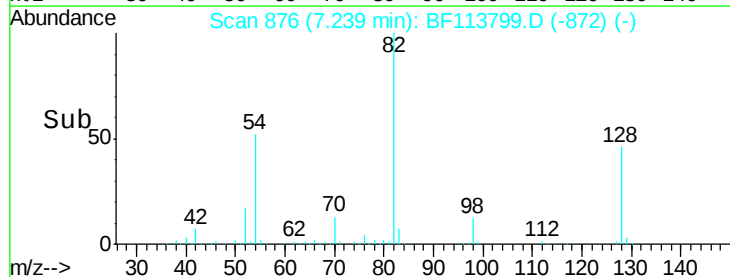
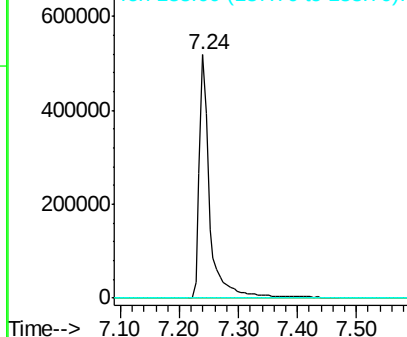


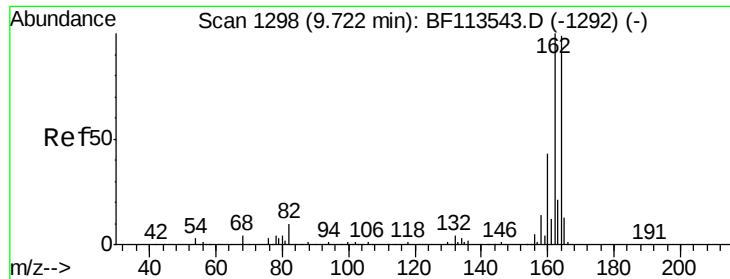
#25
Isophorone
Concen: 60.394 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Tgt Ion: 82 Resp: 633294
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



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

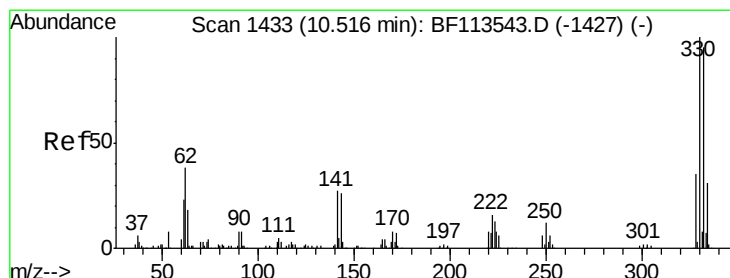
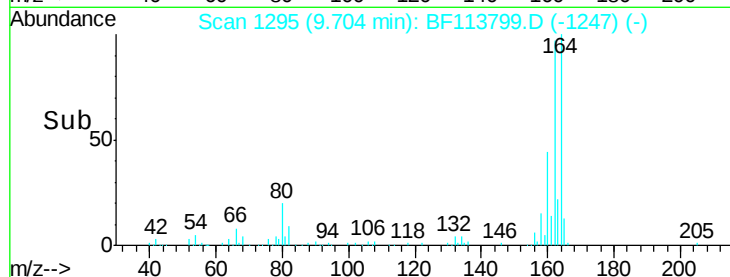
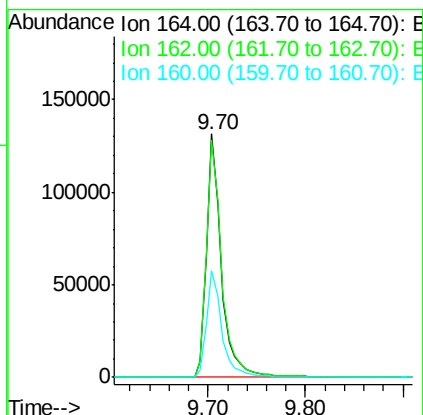
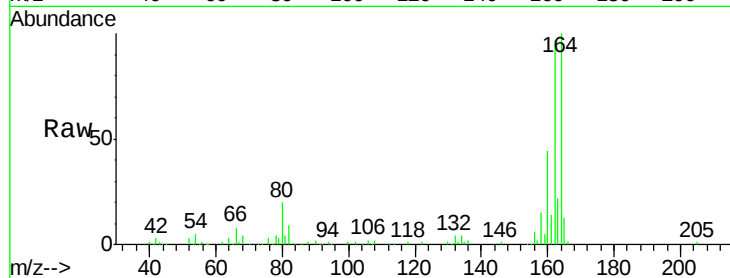




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

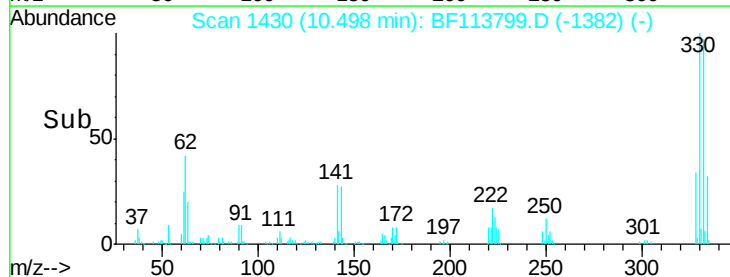
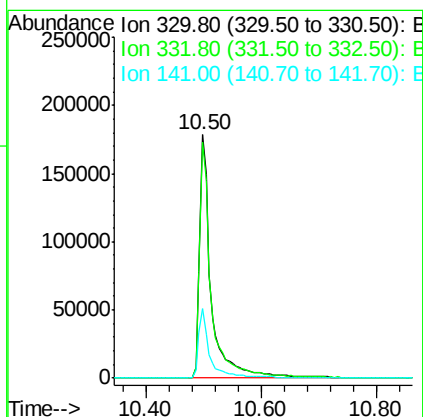
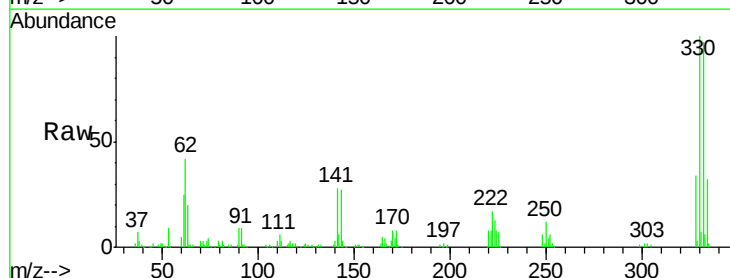
Instrument :
 BNA_F
 ClientSampleId :

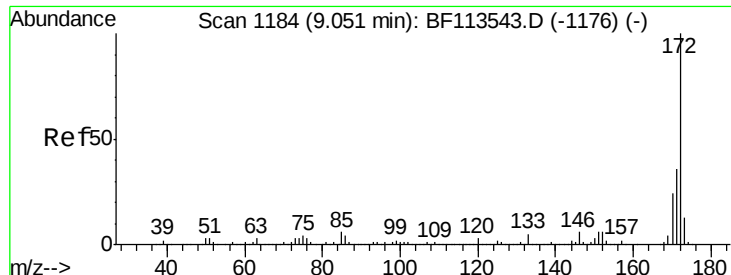
Tot Ion:164 Resp: 140409
 Ion Ratio Lower Upper
 164 100
 162 97.2 81.8 122.6
 160 43.8 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 150.988 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Tgt Ion:330 Resp: 254664
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 27.0 22.7 34.1



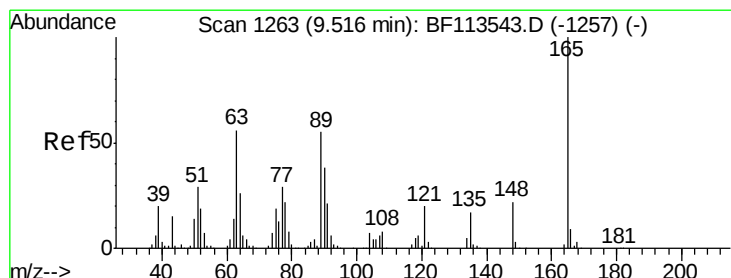
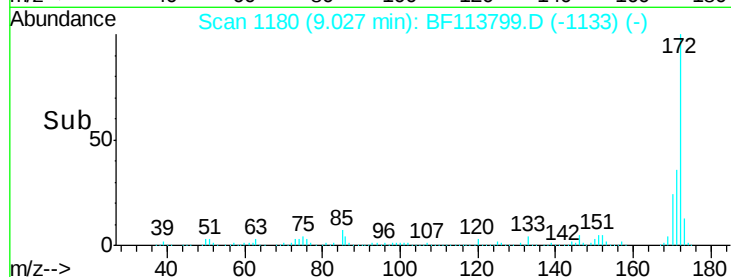
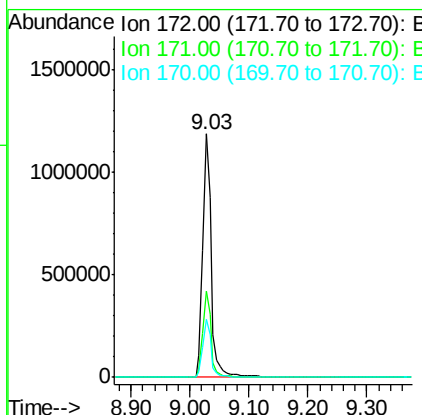
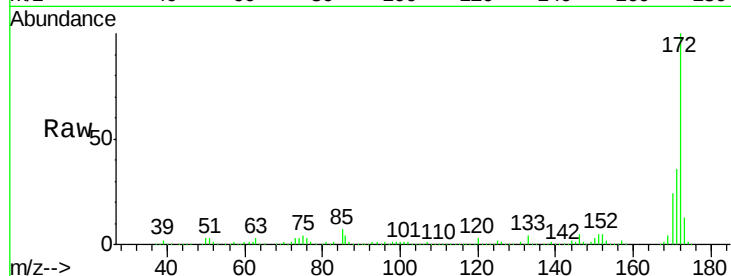


#45
 2-Fluorobiphenyl
 Concen: 134.447 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1172595

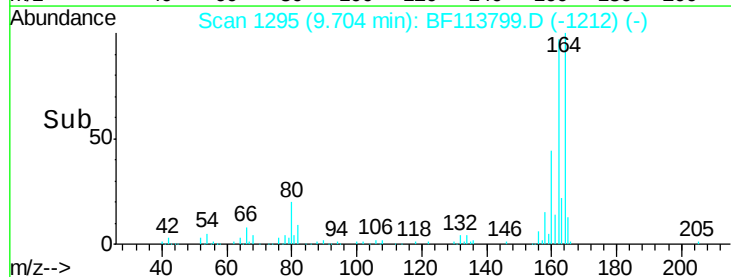
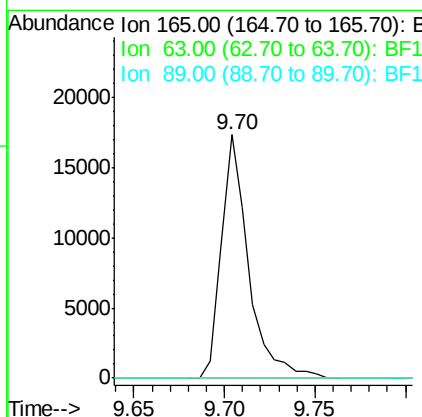
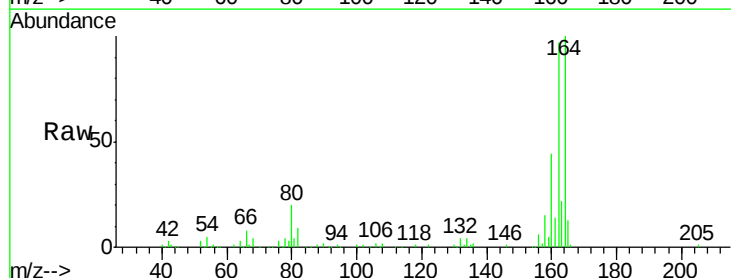
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.9	19.5	29.3

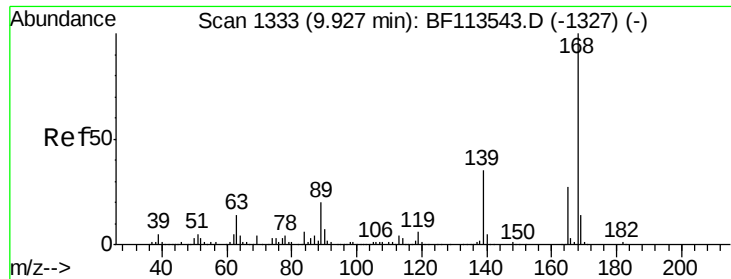


#51
 2,6-Dinitrotoluene
 Concen: 7.902 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.19 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Tgt Ion:165 Resp: 18027

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	0.0	43.1	64.7#

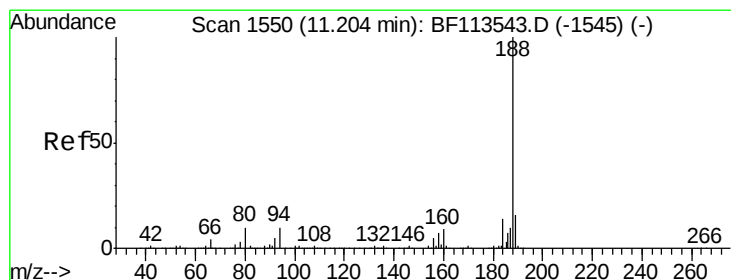
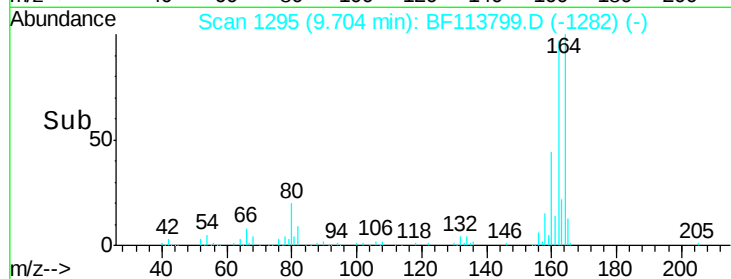
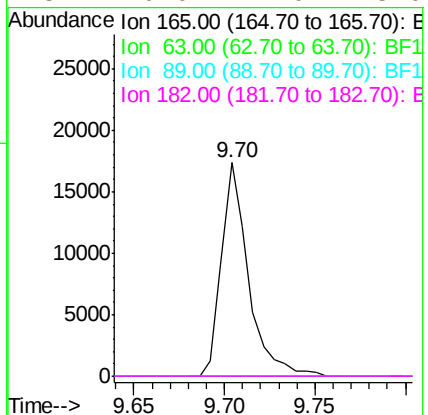
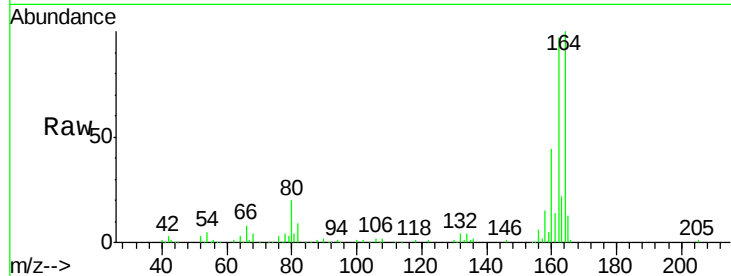




#57
 2,4-Dinitrotoluene
 Concen: 6.533 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

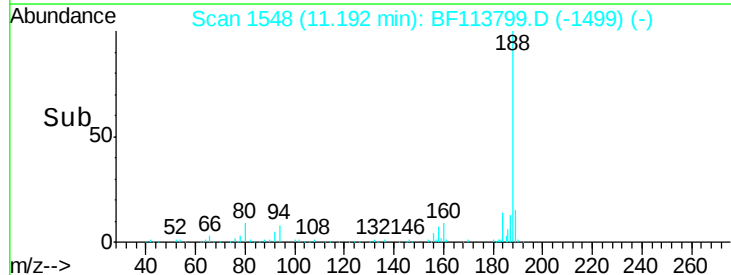
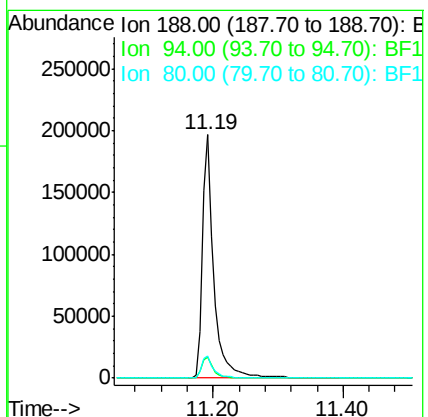
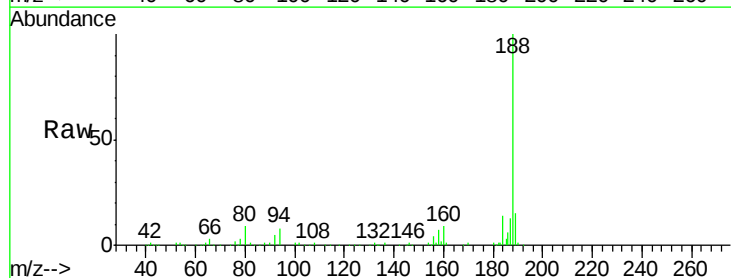
Instrument :
 BNA_F
 ClientSampled :

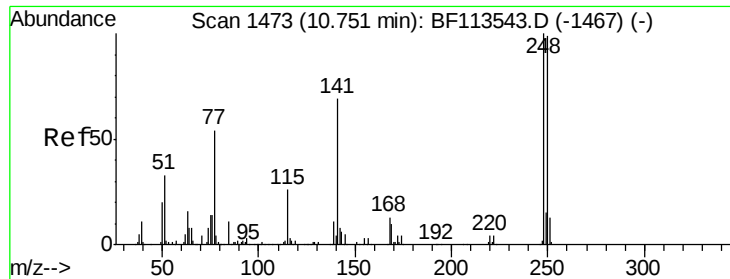
Tot Ion:165 Resp: 18027
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.5 56.3#
 89 0.0 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113799.D
 Acq: 16 Apr 2019 17:53

Tgt Ion:188 Resp: 237661
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.0 10.6
 80 8.9 7.7 11.5

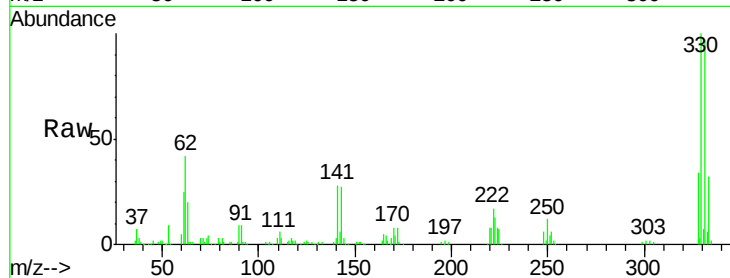




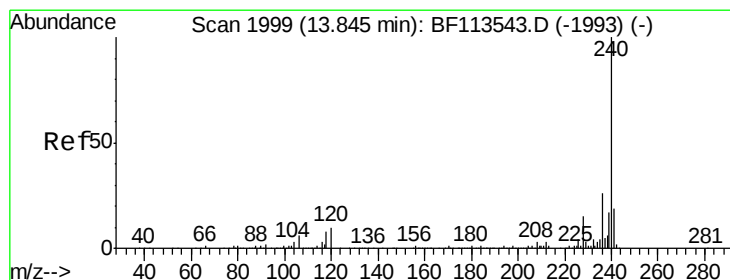
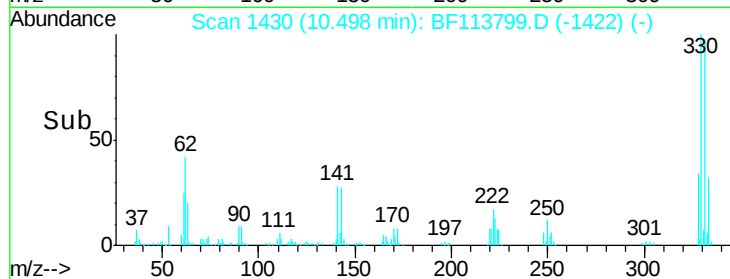
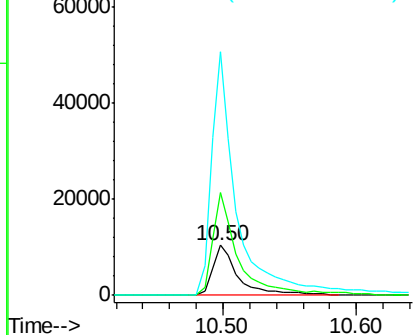
#67
4-Bromophenyl-phenylether
Concen: 5.238 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13961
Ion Ratio Lower Upper
248 100
250 204.7 78.3 117.5#
141 486.7 56.2 84.4#

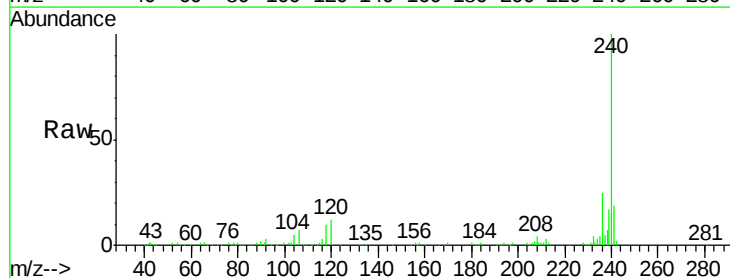


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

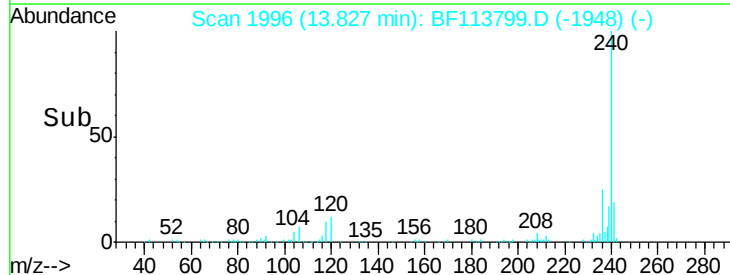
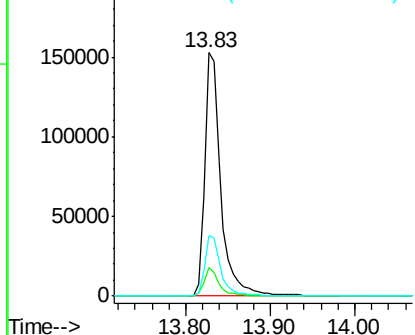


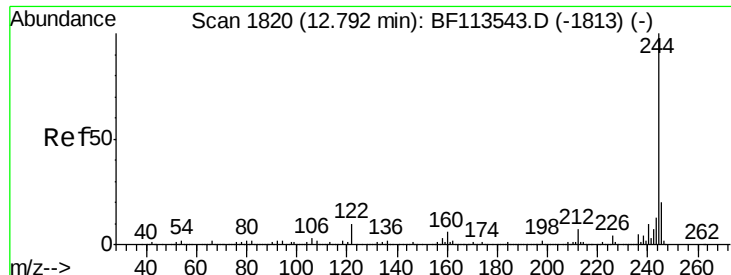
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113799.D
Acq: 16 Apr 2019 17:53

Tgt Ion:240 Resp: 202007
Ion Ratio Lower Upper
240 100
120 11.6 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: 98.382 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

Instrument :

BNA_F

ClientSampleId :

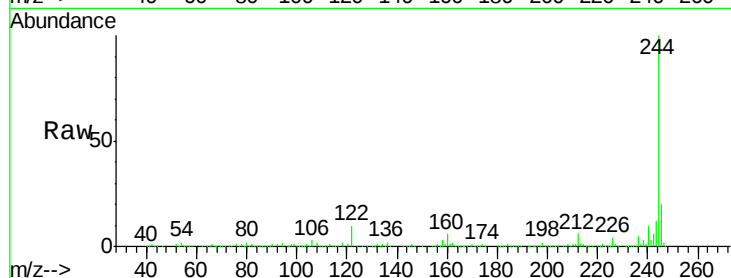
Tot Ion:244 Resp: 976118

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

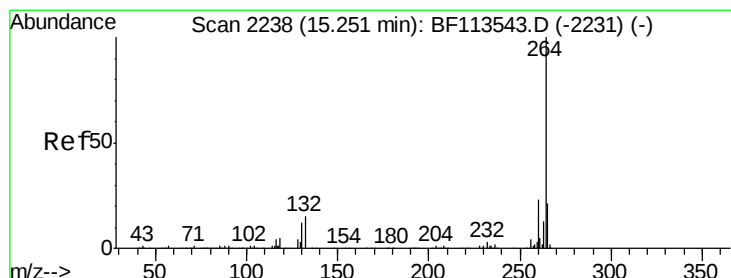
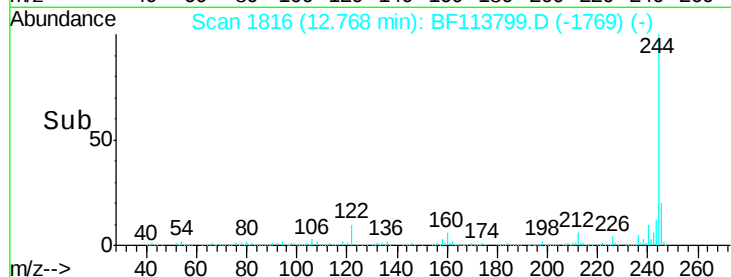
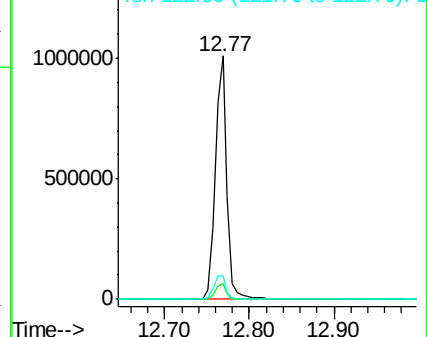
122 9.6 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113799.D

Acq: 16 Apr 2019 17:53

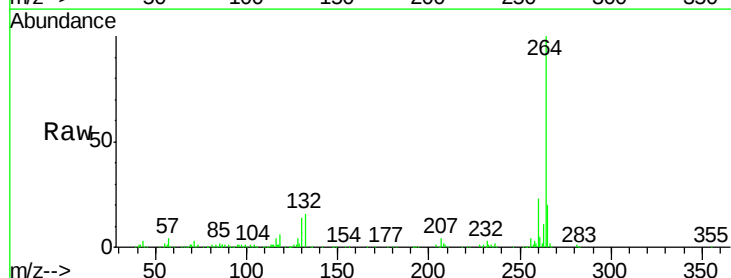
Tgt Ion:264 Resp: 250203

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.5 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

