

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118842.D
 Acq On : 6 Feb 2020 17:37
 Operator : CG/JU
 Sample : L1409-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 21:07:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

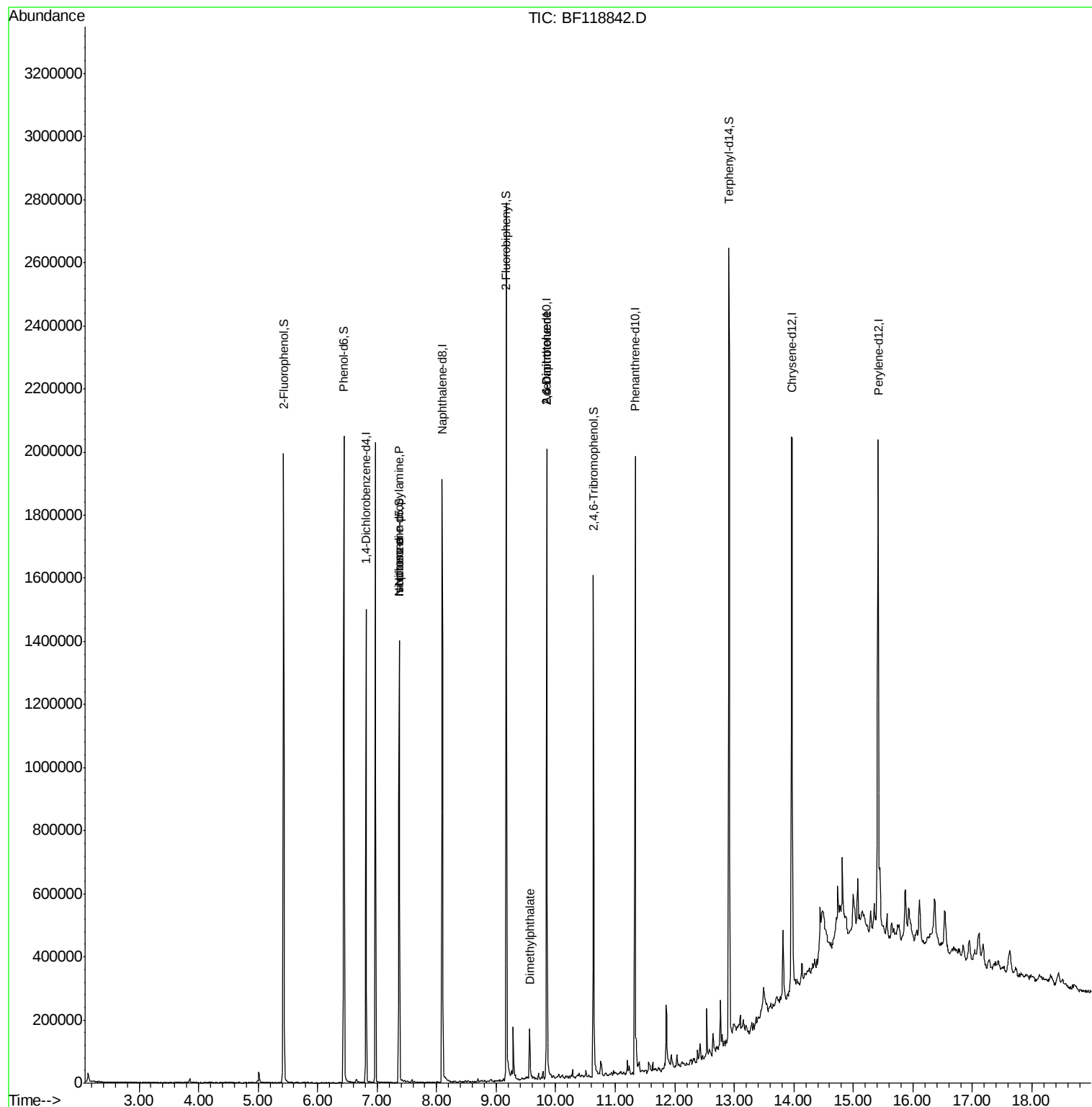
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	229383	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	864227	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	466108	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	798060	20.00	ng	0.00
76) Chrysene-d12	13.97	240	655060	20.00	ng	-0.01
87) Perylene-d12	15.42	264	753141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	542193	44.74	ng	0.00
7) Phenol-d6	6.44	99	645468	42.91	ng	-0.01
23) Nitrobenzene-d5	7.37	82	410005	28.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	220281	39.50	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	892593	34.23	ng	-0.01
79) Terphenyl-d14	12.91	244	961101	30.14	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.36	77	128	Below Cal	Qvalue # 42	
19) n-Nitroso-di-n-propylamine	7.37	70	54601	5.932 ng	# 75	
25) Isophorone	7.37	82	410000	15.734 ng	# 63	
50) Dimethylphthalate	9.56	163	70900	2.234 ng	# 99	
51) 2,6-Dinitrotoluene	9.85	165	59966	8.258 ng	# 31	
57) 2,4-Dinitrotoluene	9.85	165	60522	6.298 ng	# 34	

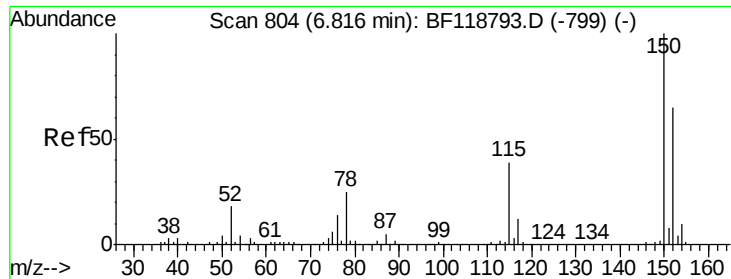
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 21:07:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

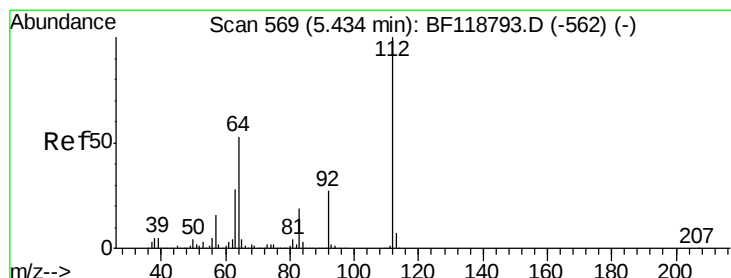
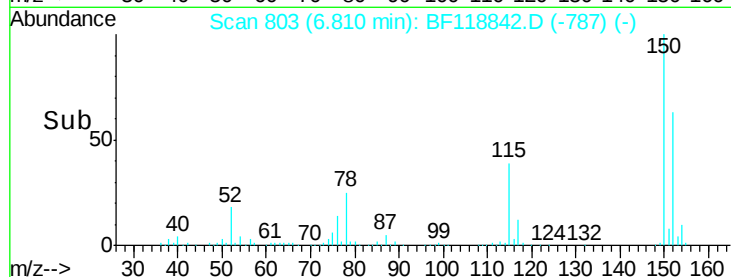
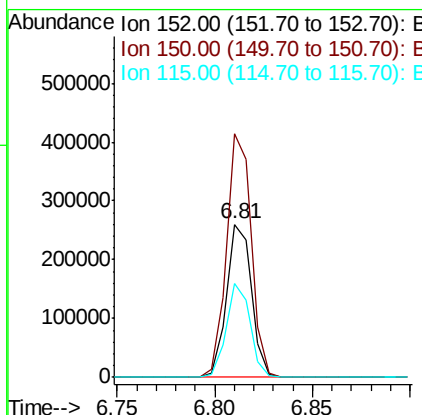
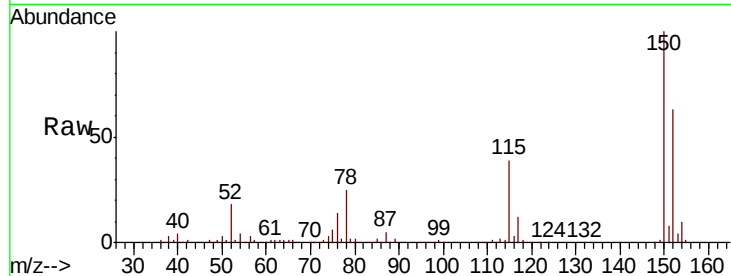




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

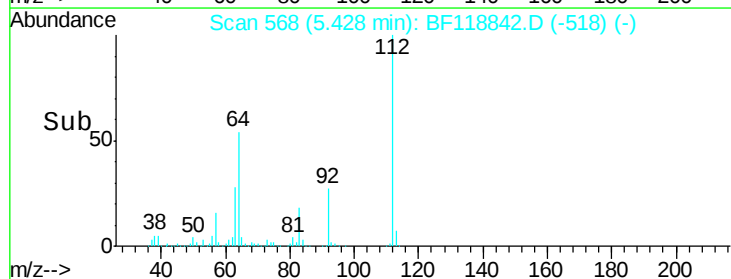
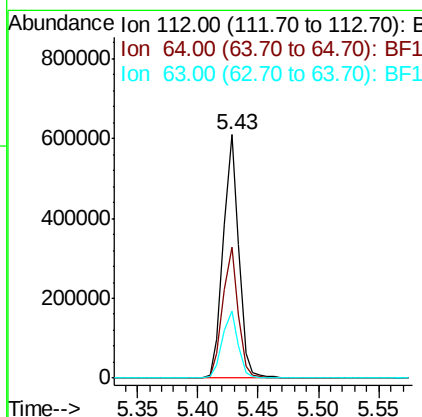
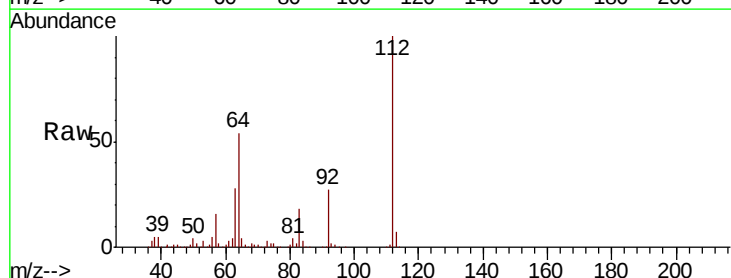
Instrument :
 BNA_F
 ClientSampleId :

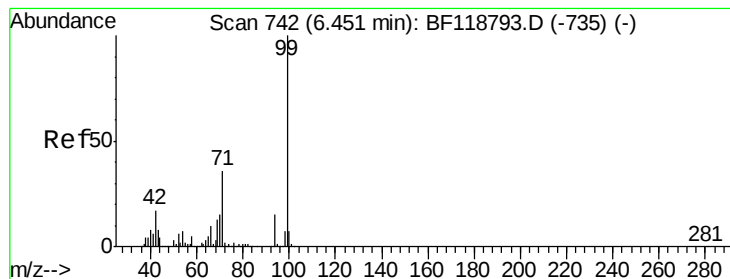
Tot Ion:152 Resp: 229383
 Ion Ratio Lower Upper
 152 100
 150 159.3 123.6 185.4
 115 61.5 48.2 72.2



#5
 2-Fluorophenol
 Concen: 44.743 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

Tgt Ion:112 Resp: 542193
 Ion Ratio Lower Upper
 112 100
 64 53.6 42.6 63.8
 63 27.8 22.2 33.4





#7

Phenol-d6

Concen: 42.909 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampled :

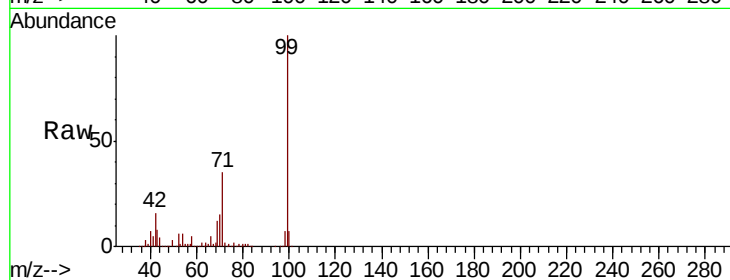
Tot Ion: 99 Resp: 645468

Ion Ratio Lower Upper

99 100

42 15.9 13.4 20.0

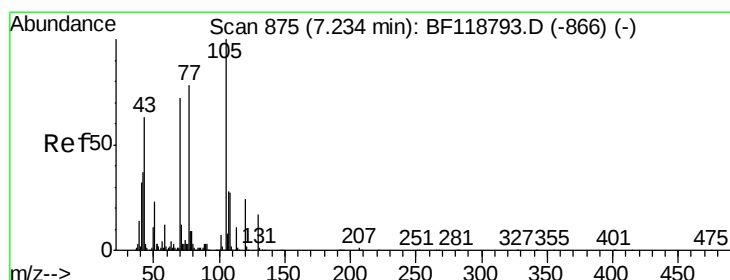
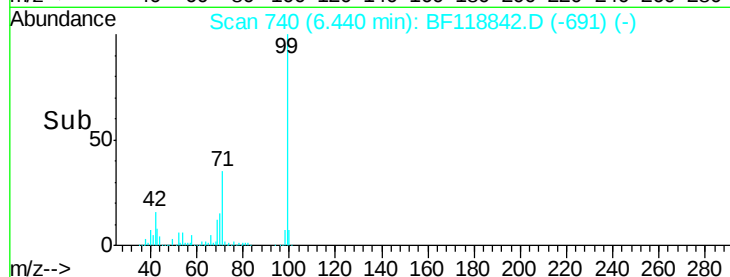
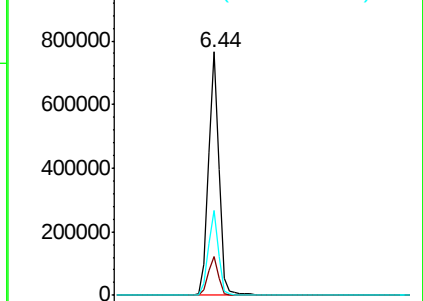
71 34.9 29.0 43.6



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: 5.932 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Tgt Ion: 70 Resp: 54601

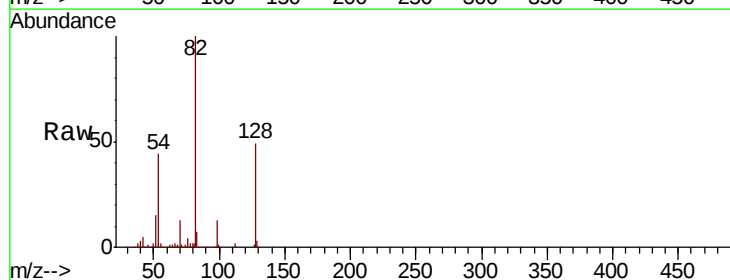
Ion Ratio Lower Upper

70 100

42 40.5 41.5 62.3#

101 0.0 8.3 12.5#

130 2.7 19.2 28.8#

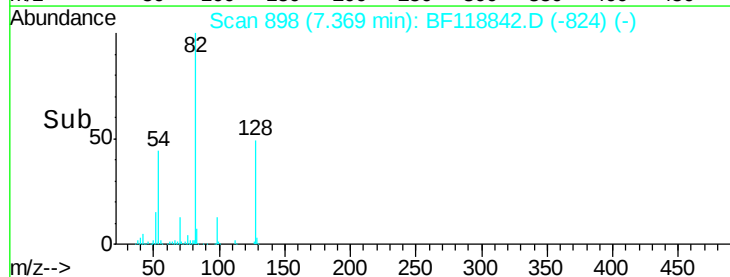
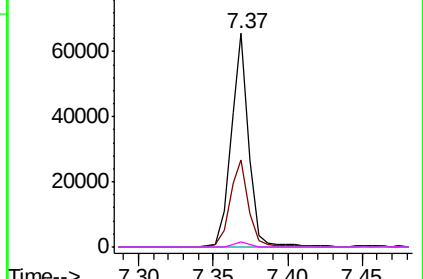


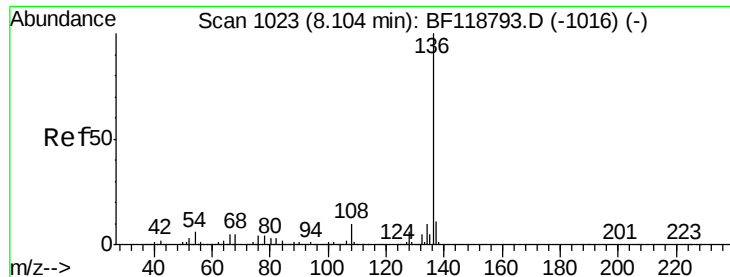
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

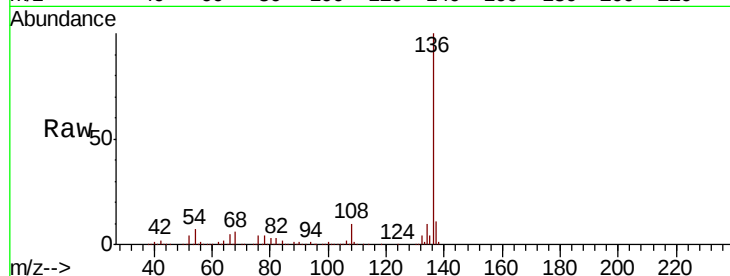




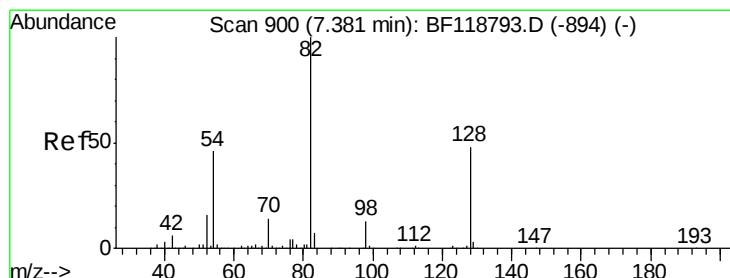
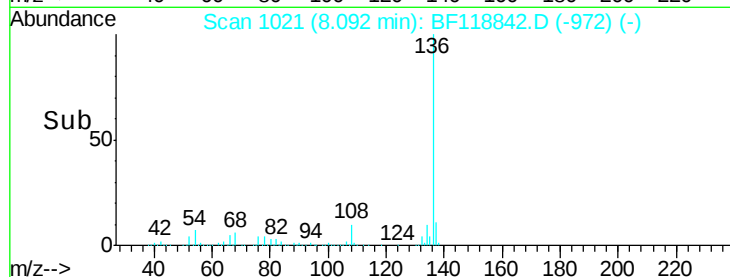
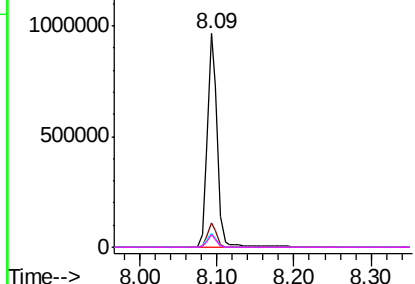
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	864227
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 6.7	5.0	7.6
68 5.8	4.2	6.4

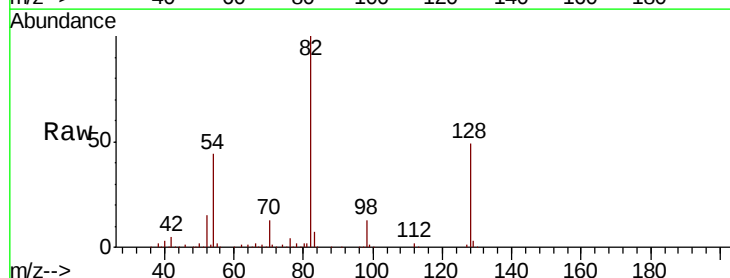


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

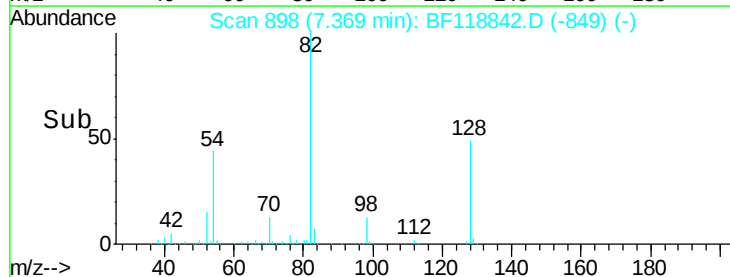
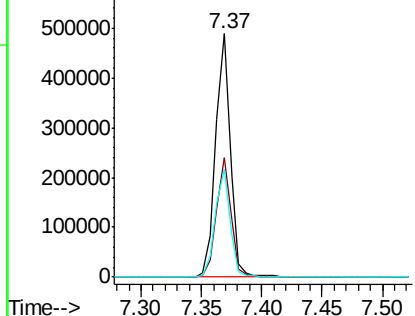


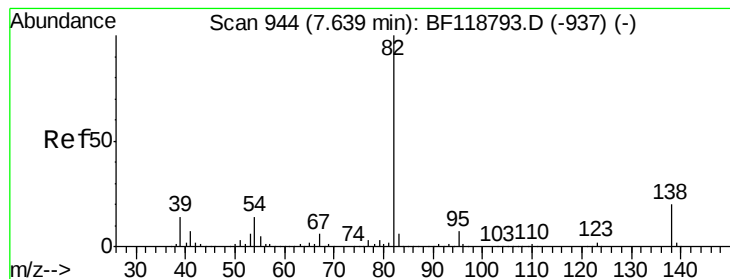
#23
Nitrobenzene-d5
Concen: 28.278 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Tgt	Ion: 82	Resp:	410005
Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.5	57.7
54	44.2	36.7	55.1



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: 15.734 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampleId :

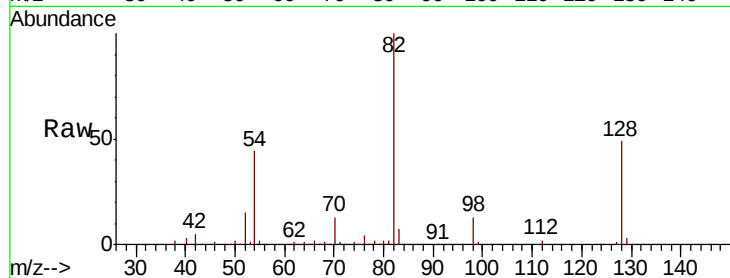
Tot Ion: 82 Resp: 410000

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

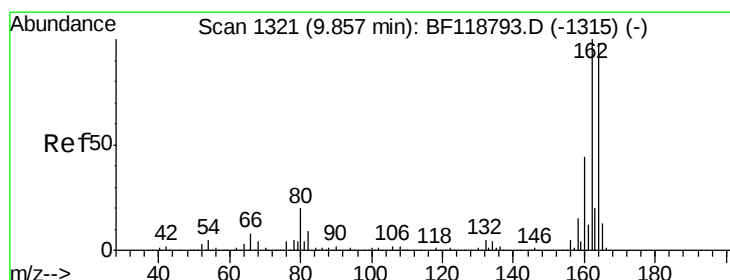
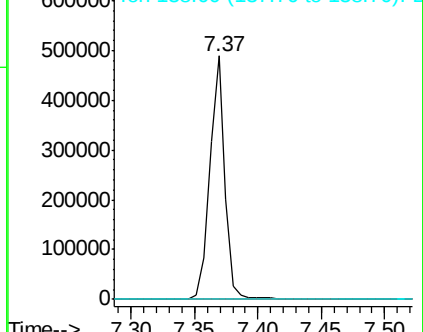
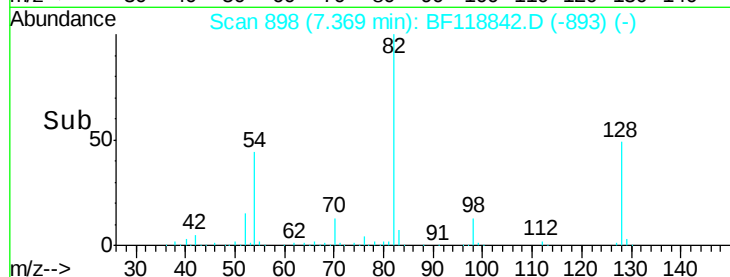
138 0.0 15.7 23.5#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

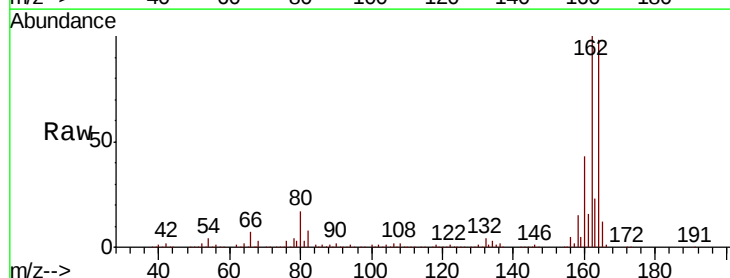
Tgt Ion: 164 Resp: 466108

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.2

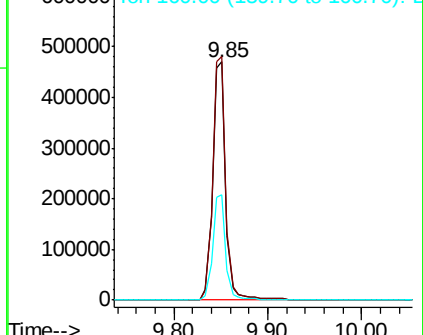
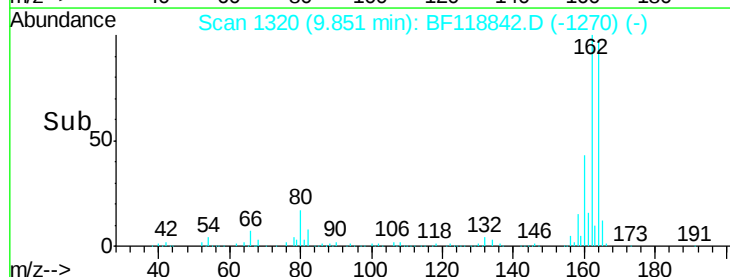
160 44.2 35.6 53.4

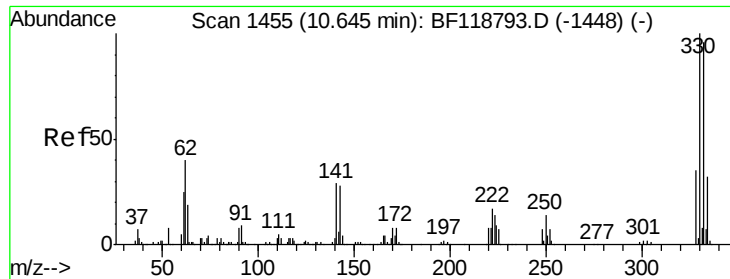


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

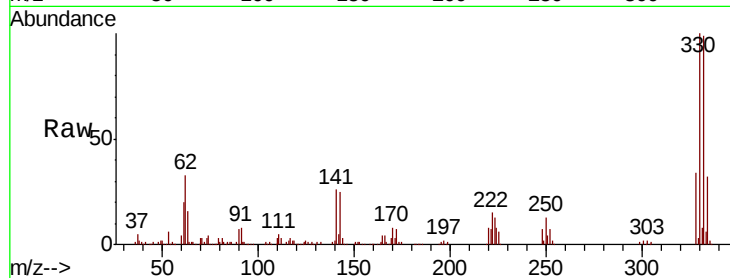




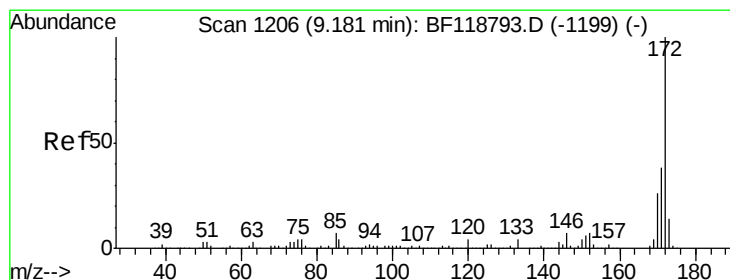
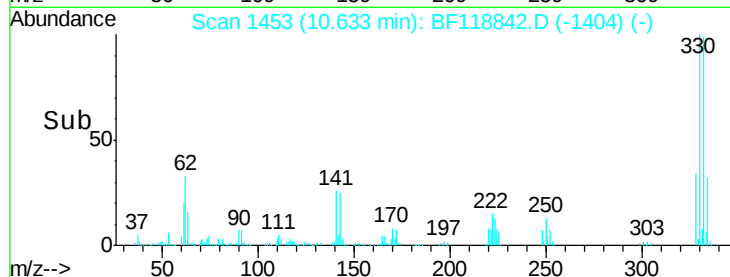
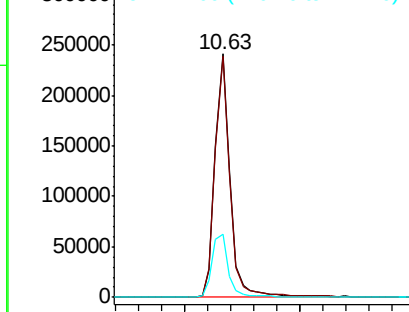
#42
 2,4,6-Tribromophenol
 Concen: 39.497 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.3	115.9
141	28.8	22.4	33.6

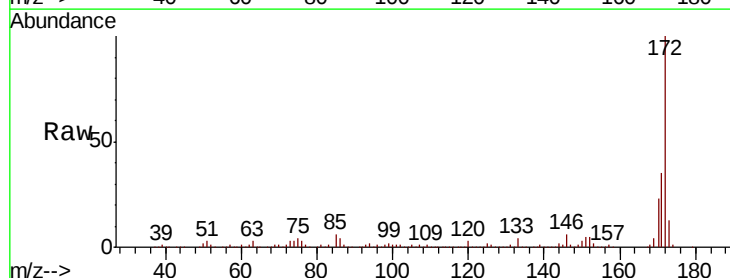


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

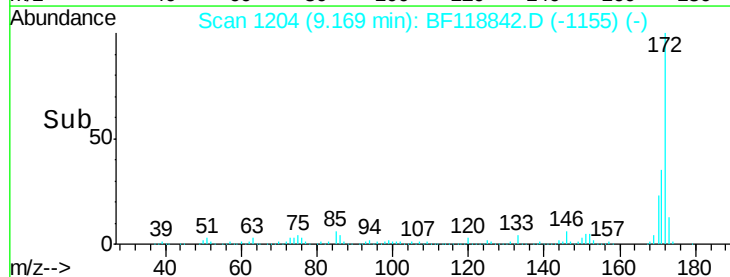
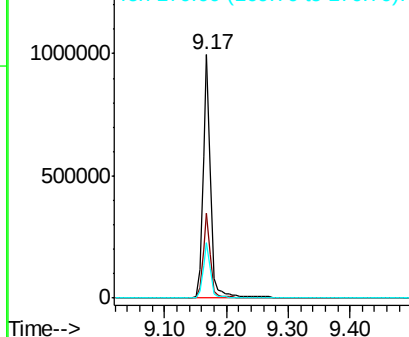


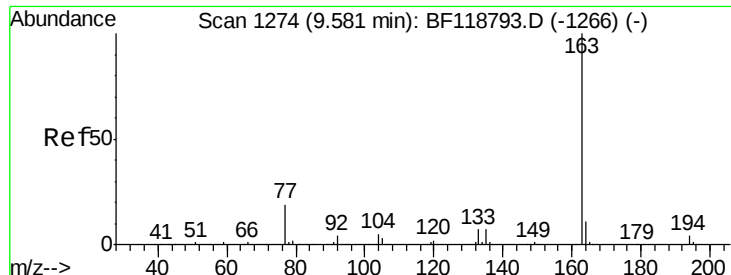
#45
 2-Fluorobiphenyl
 Concen: 34.234 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.8	46.2
170	23.0	20.5	30.7



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: 2.234 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampleId :

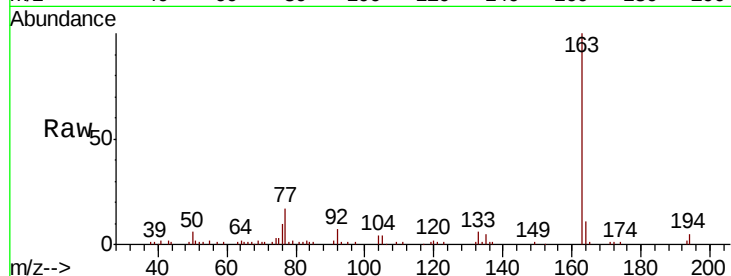
Tot Ion:163 Resp: 70900

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

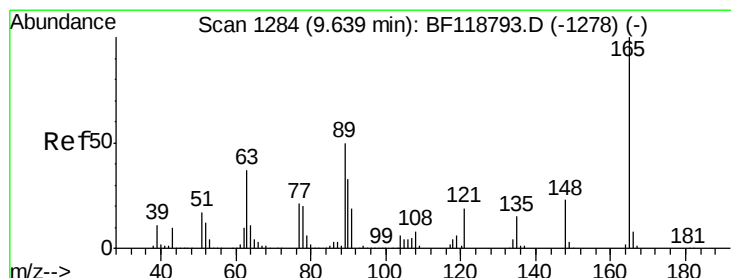
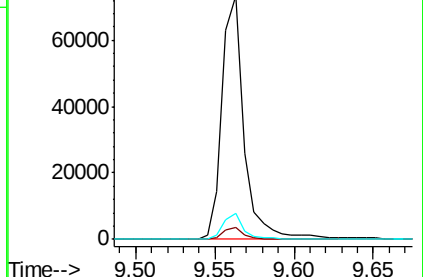
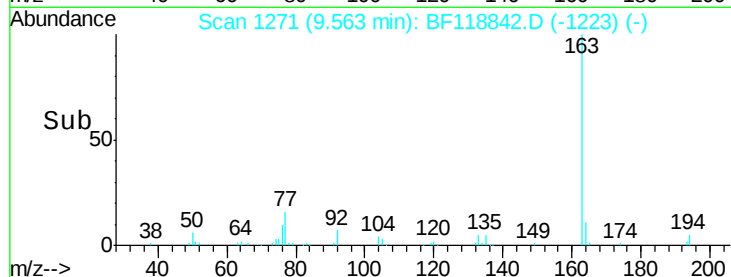
164 10.7 8.7 13.1



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: 8.258 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

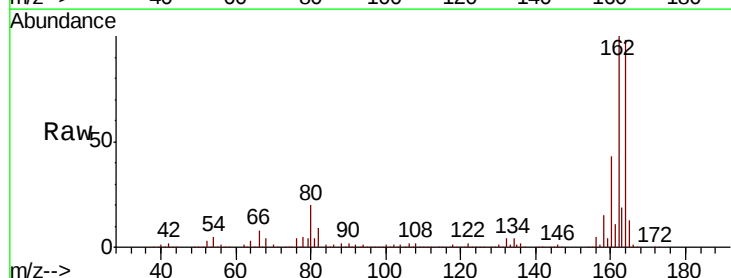
Tgt Ion:165 Resp: 59966

Ion Ratio Lower Upper

165 100

63 1.3 37.4 56.0#

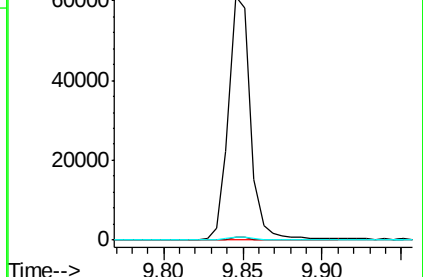
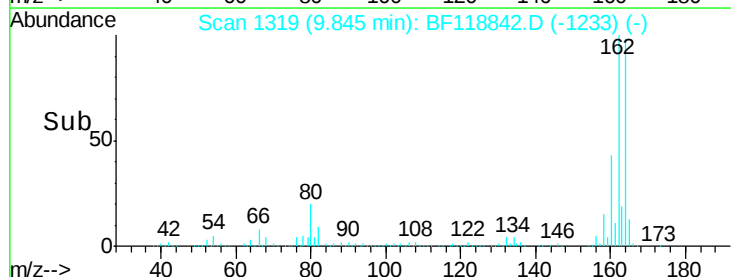
89 1.1 39.7 59.5#

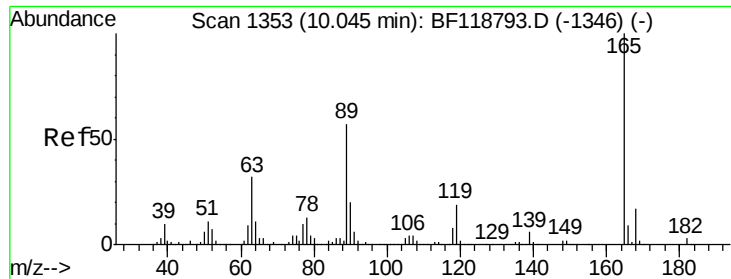


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

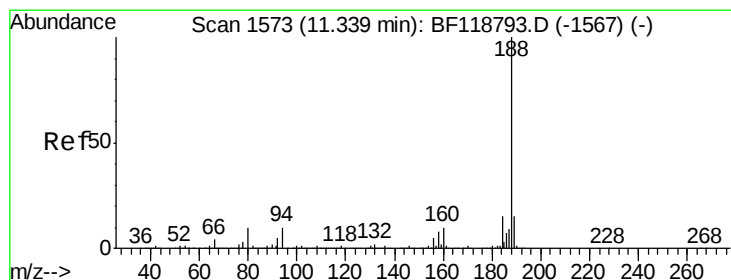
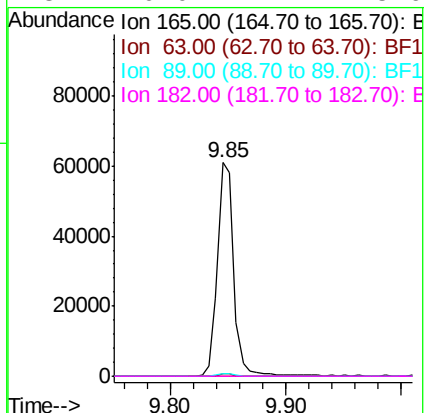
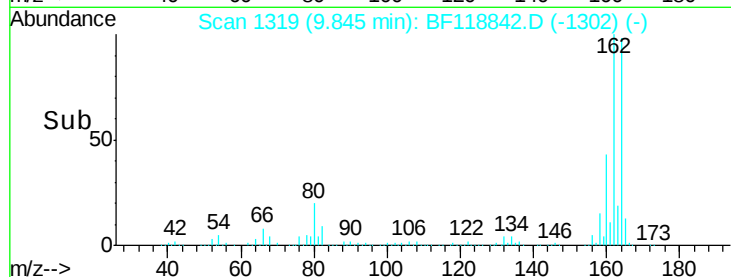
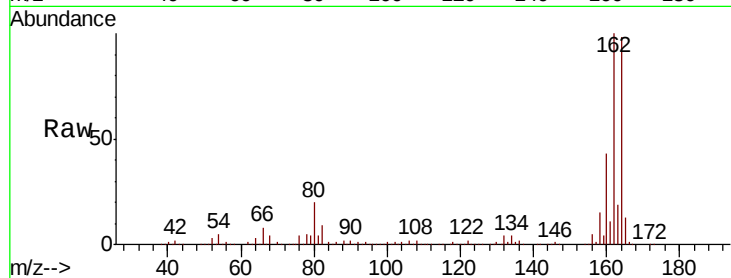




#57
 2,4-Dinitrotoluene
 Concen: 6.298 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

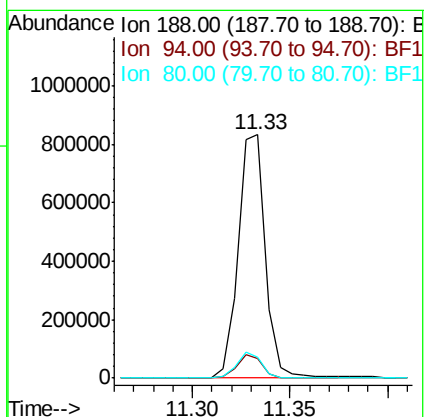
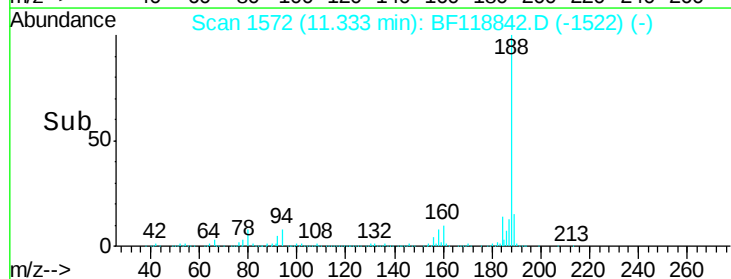
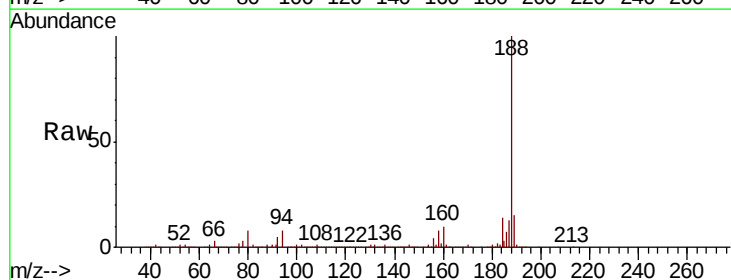
Instrument :
 BNA_F
 ClientSampleId :

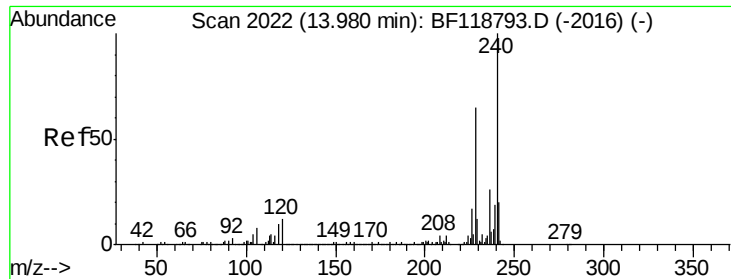
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.5	38.3#
89	1.1	45.4	68.0#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118842.D
 Acq: 6 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.9	11.9
80	8.4	8.4	12.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

Instrument :

BNA_F

ClientSampleId :

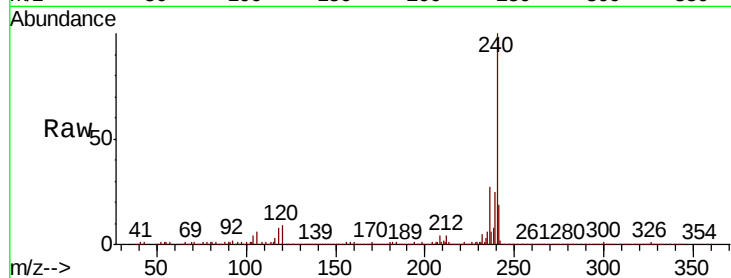
Tot Ion:240 Resp: 655060

Ion Ratio Lower Upper

240 100

120 9.2 9.4 14.0#

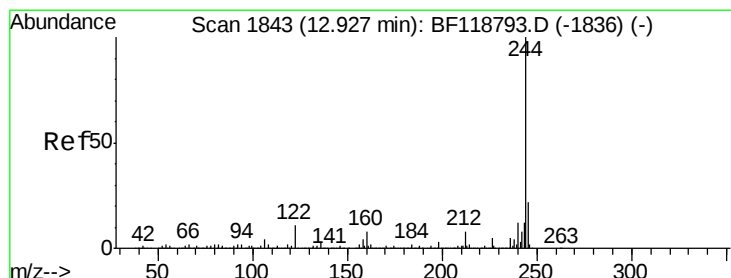
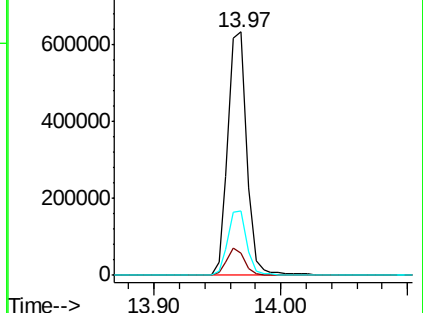
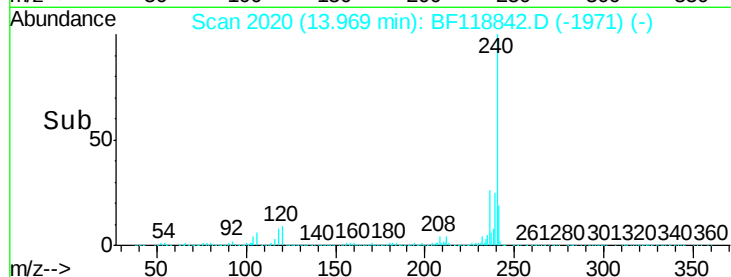
236 26.6 21.0 31.6



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: 30.137 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.02 min

Lab File: BF118842.D

Acq: 6 Feb 2020 17:37

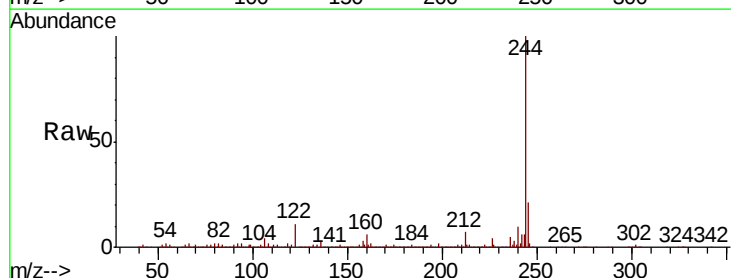
Tgt Ion:244 Resp: 961101

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

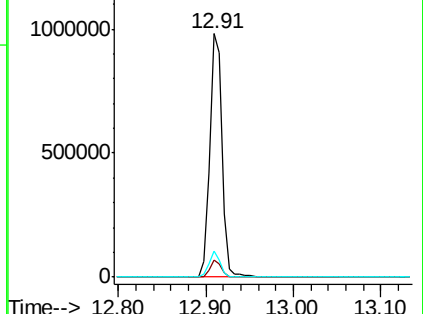
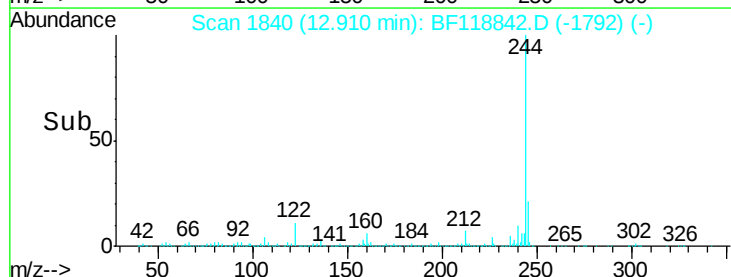
122 10.9 8.9 13.3

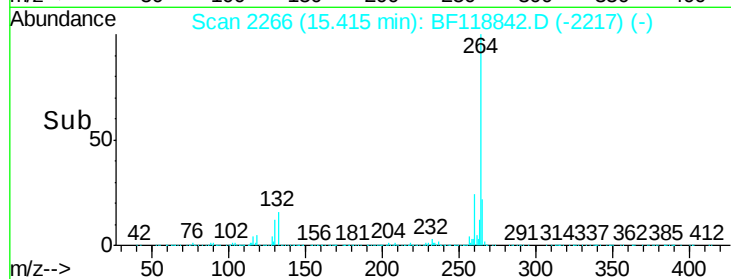
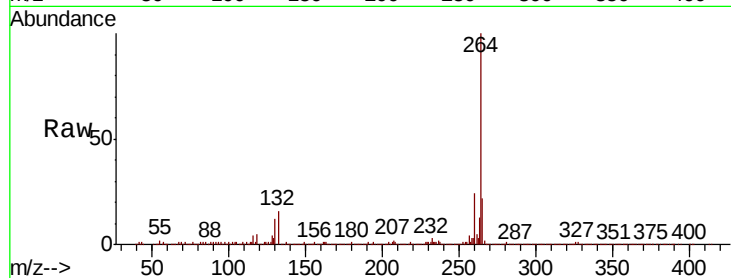
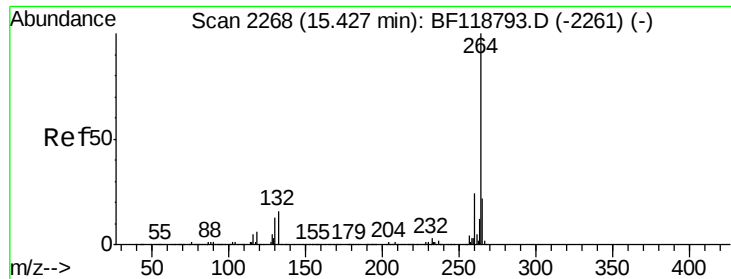


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118842.D
Acq: 6 Feb 2020 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	21.8	17.2	25.8

