

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118929.D
 Acq On : 13 Feb 2020 19:57
 Operator : CG/JU
 Sample : L1509-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:38:10 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

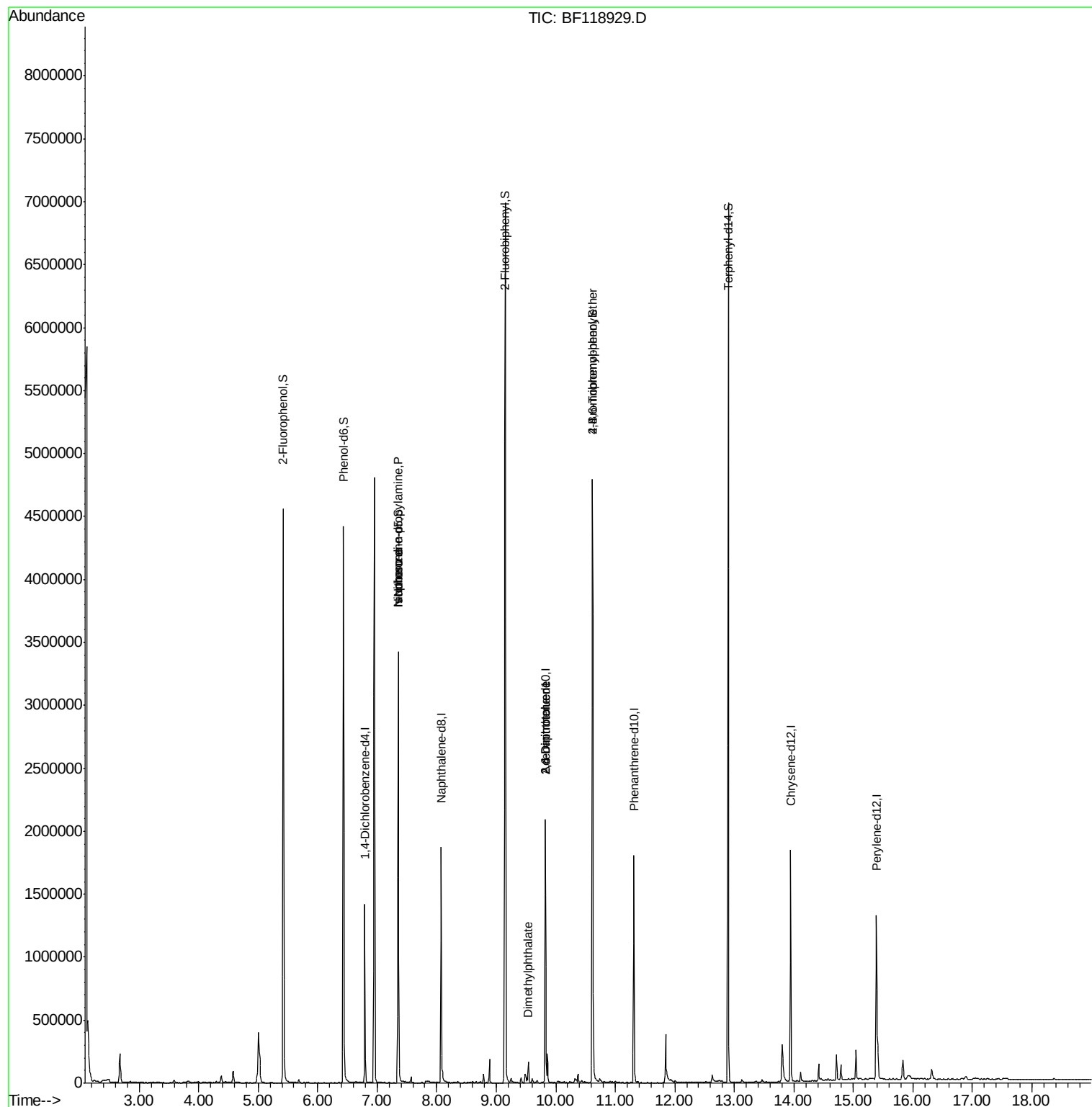
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	208353	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	831029	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	428611	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	663043	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	659498	20.00	ng	-0.04
87) Perylene-d12	15.39	264	669501	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1421243	129.12	ng	-0.01
7) Phenol-d6	6.43	99	1583257	115.88	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1217874	87.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	723525	141.08	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2326882	97.05	ng	-0.03
79) Terphenyl-d14	12.90	244	2733898	85.15	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.35	77	384	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	165664	19.816 ng	#	77
25) Isophorone	7.36	82	1218011	48.609 ng	#	63
50) Dimethylphthalate	9.54	163	74810	2.563 ng		99
51) 2,6-Dinitrotoluene	9.83	165	57108	8.552 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	57109	6.462 ng	#	34
67) 4-Bromophenyl-phenylether	10.62	248	46171	5.887 ng	#	1

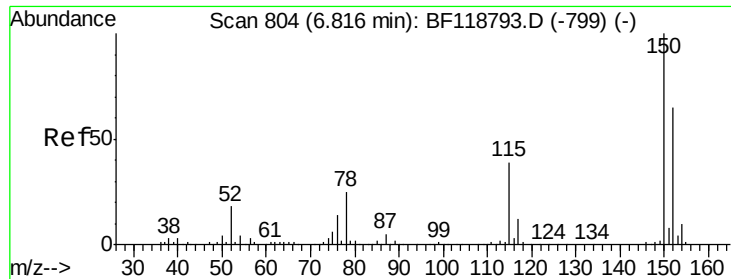
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

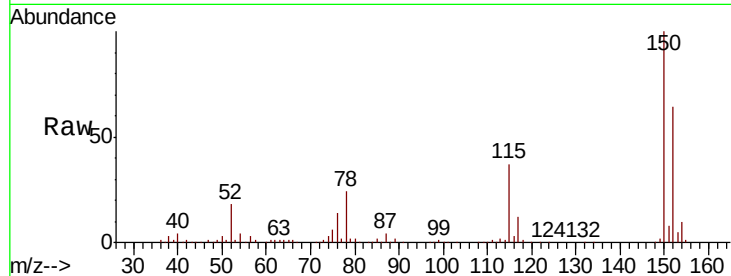




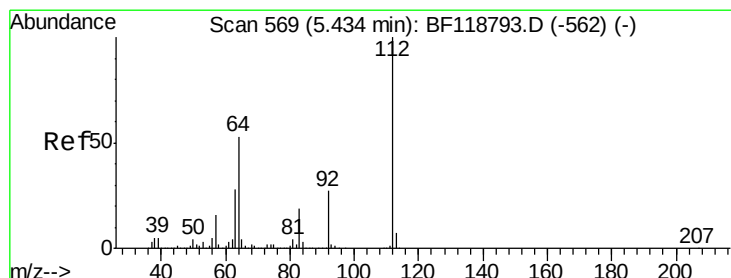
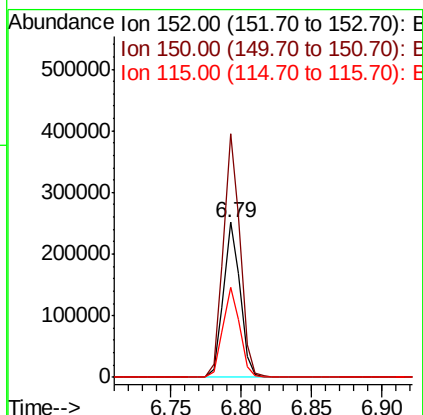
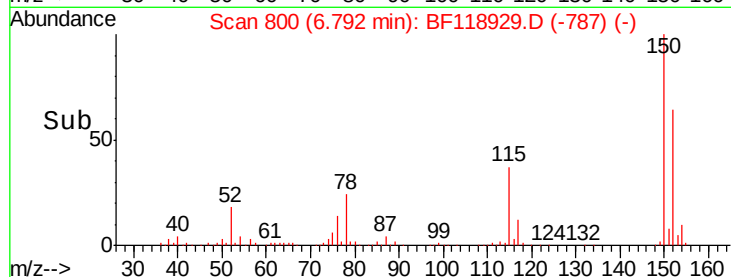
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 208353
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.6 185.4
 115 57.8 48.2 72.2

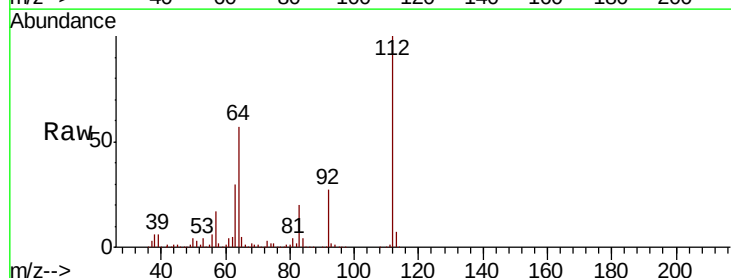


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

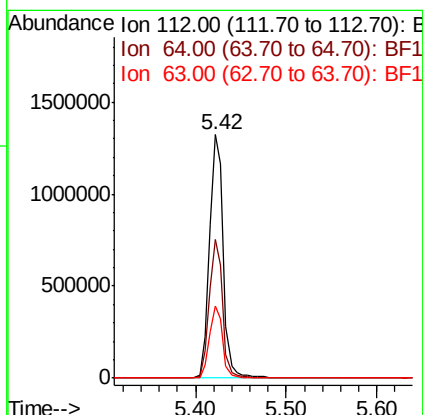
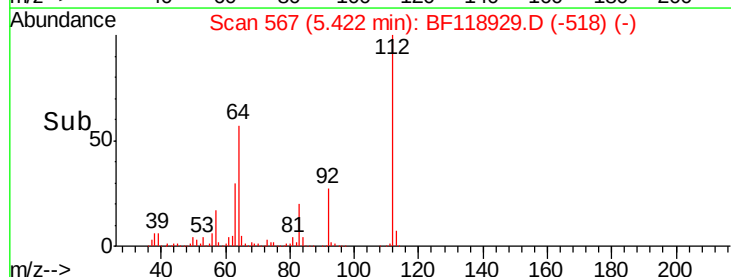


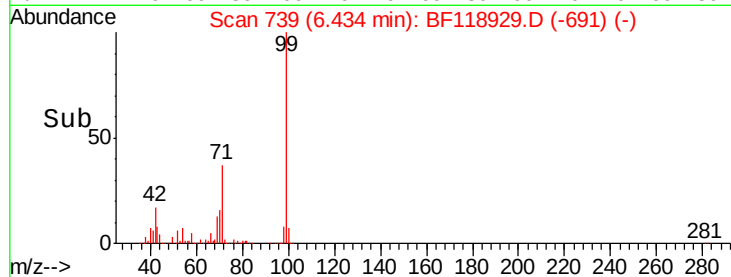
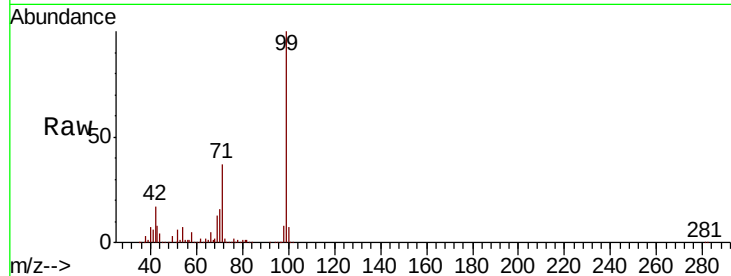
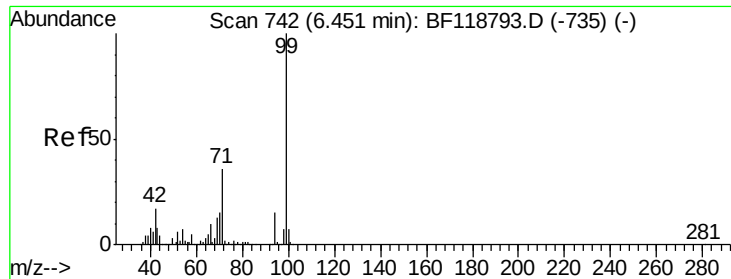
#5
 2-Fluorophenol
 Concen: 129.123 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Tgt Ion:112 Resp: 1421243
 Ion Ratio Lower Upper
 112 100
 64 56.7 42.6 63.8
 63 29.8 22.2 33.4



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: 115.875 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

Instrument :

BNA_F

ClientSampleId :

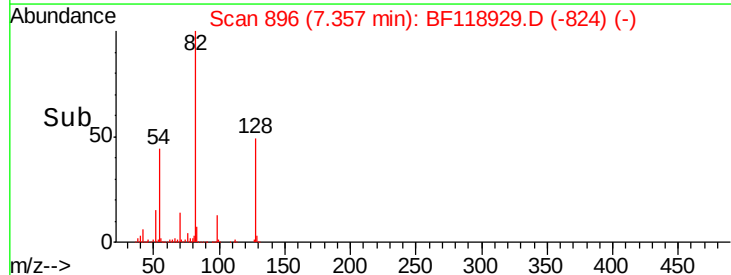
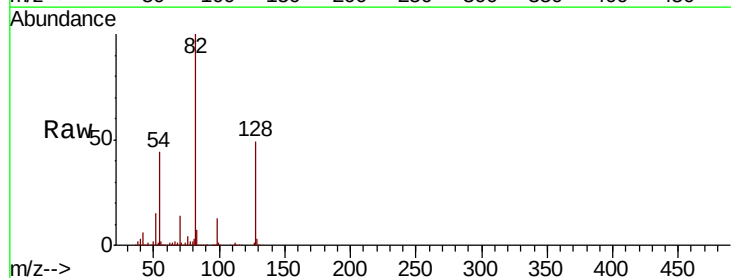
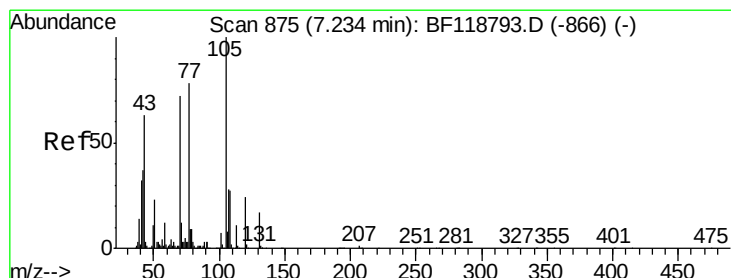
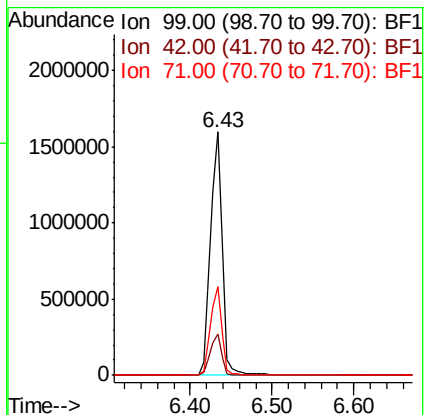
Tot Ion: 99 Resp: 1583257

Ion Ratio Lower Upper

99 100

42 17.0 13.4 20.0

71 36.6 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.816 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

Tgt Ion: 70 Resp: 165664

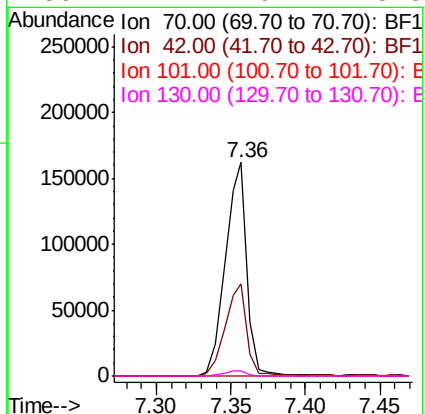
Ion Ratio Lower Upper

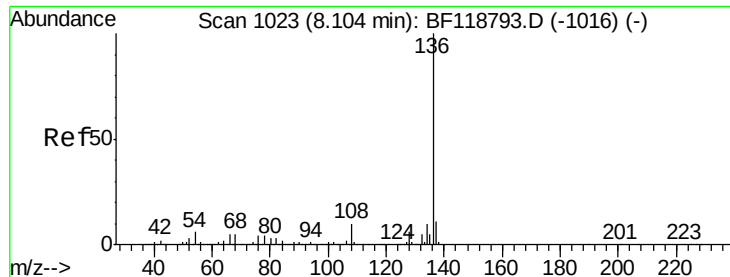
70 100

42 43.1 41.5 62.3

101 0.0 8.3 12.5#

130 2.2 19.2 28.8#

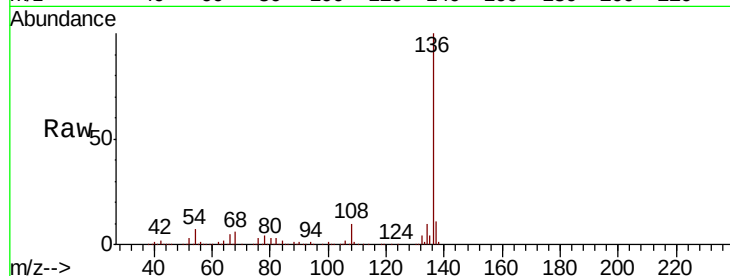




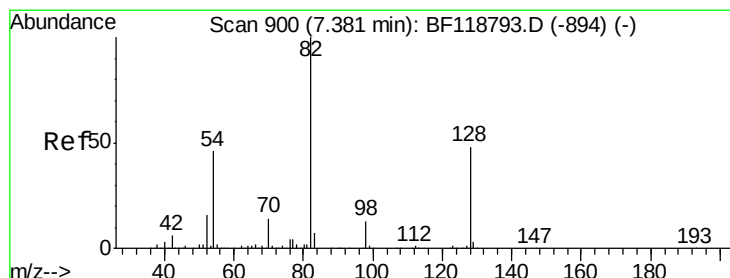
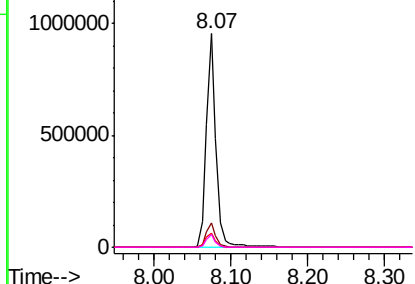
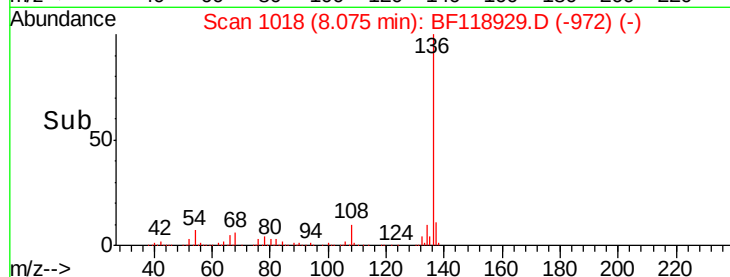
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118929.D
Acq: 13 Feb 2020 19:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	831029	
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	

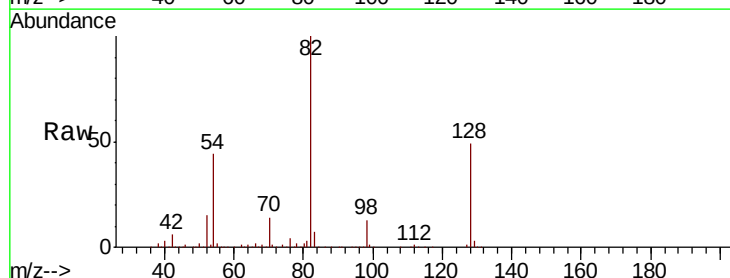


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

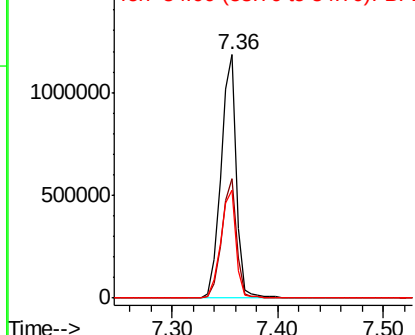
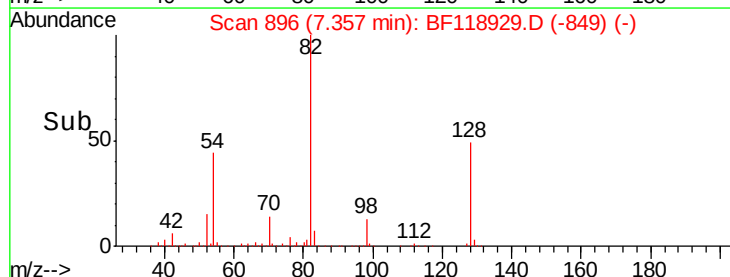


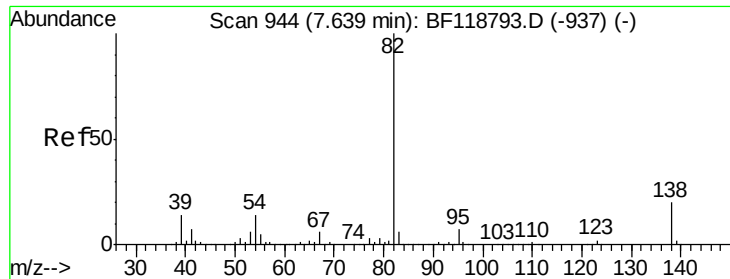
#23
Nitrobenzene-d5
Concen: 87.351 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118929.D
Acq: 13 Feb 2020 19:57

Tgt Ion: 82	Resp: 1217874
Ion Ratio	Lower Upper
82 100	
128 49.2	38.5 57.7
54 44.3	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: 48.609 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

Instrument :

BNA_F

ClientSampleId :

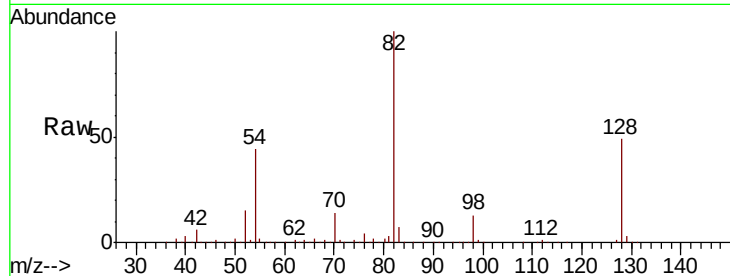
Tot Ion: 82 Resp: 1218011

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

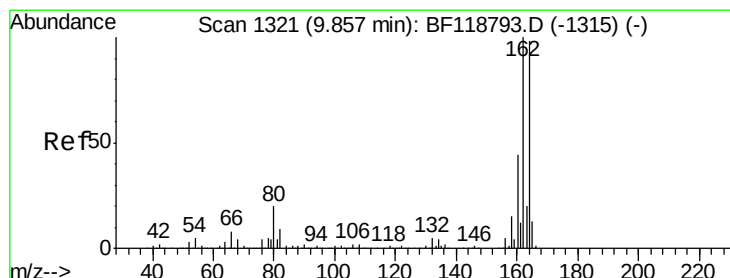
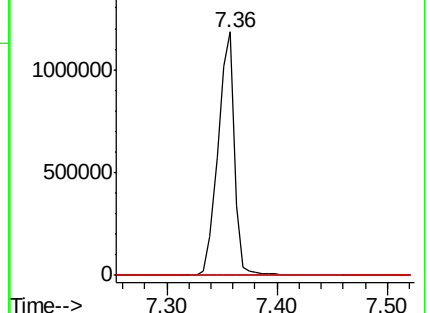
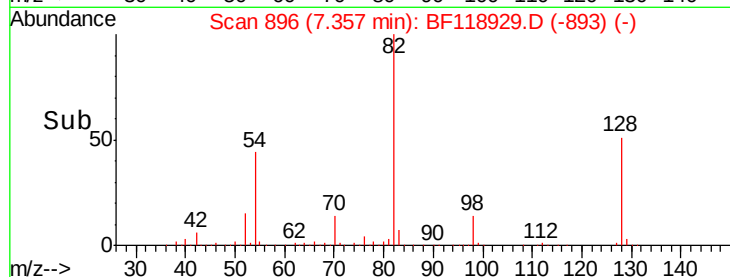
138 0.0 15.7 23.5#



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: 9.83 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

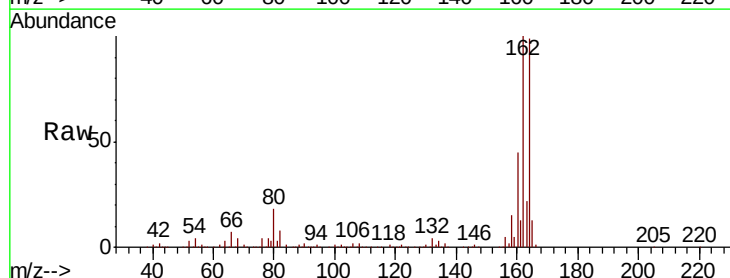
Tgt Ion: 164 Resp: 428611

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.2

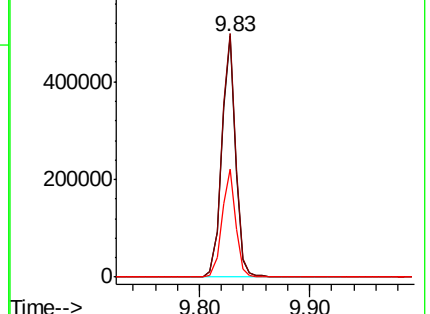
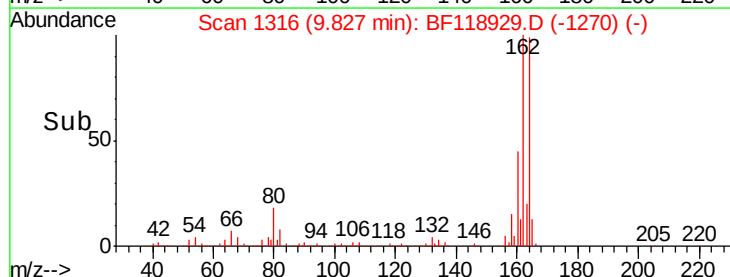
160 45.0 35.6 53.4

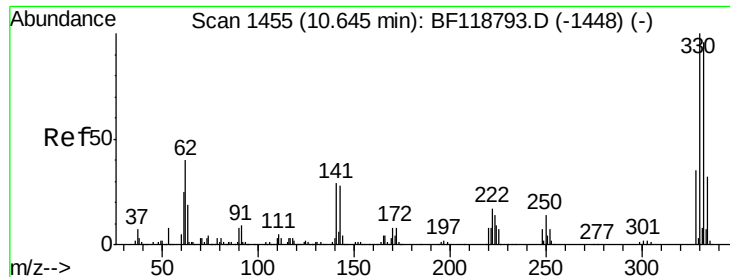


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

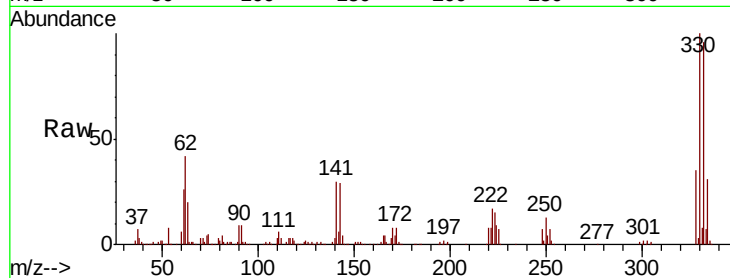




#42
 2,4,6-Tribromophenol
 Concen: 141.081 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.7	22.4	33.6

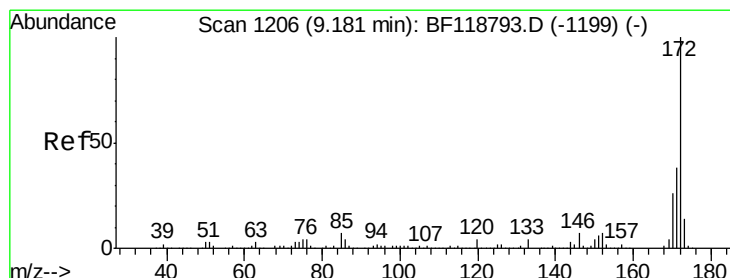
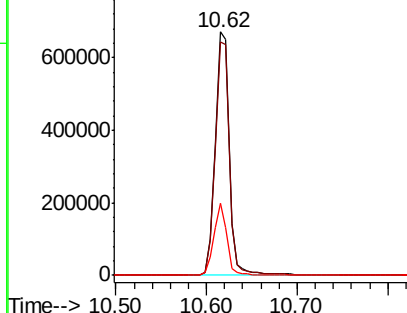
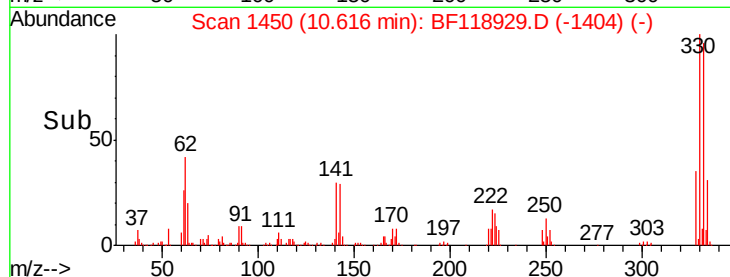


Abundance

Ion 329.80 (329.50 to 330.50): E

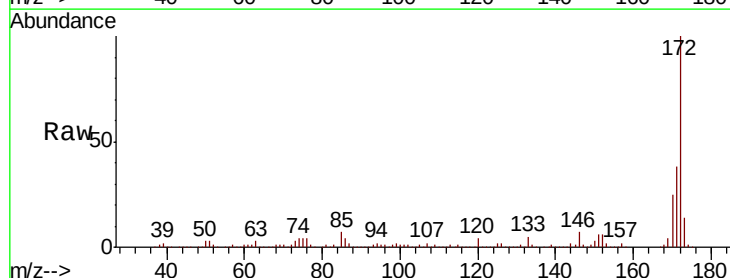
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.052 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.0	20.5	30.7

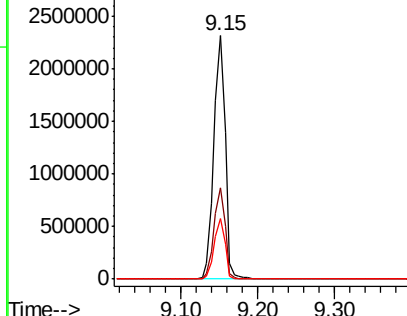
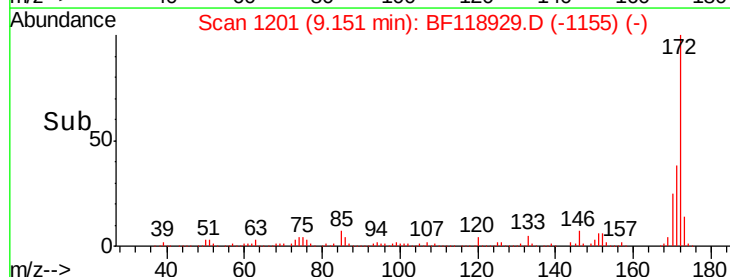


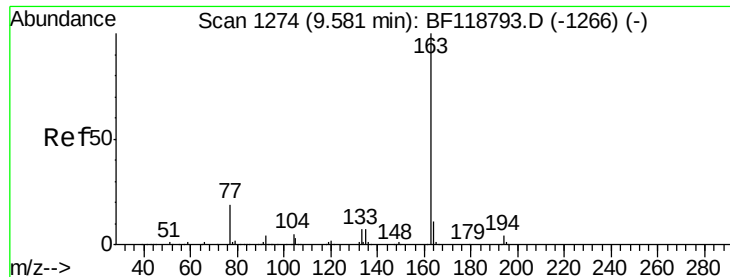
Abundance

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: 2.563 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.04 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

Instrument :

BNA_F

ClientSampleId :

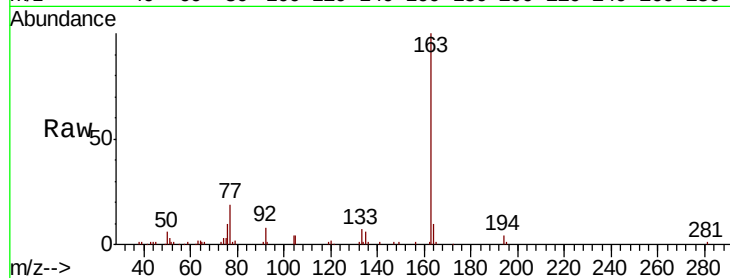
Tot Ion:163 Resp: 74810

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

164 10.4 8.7 13.1

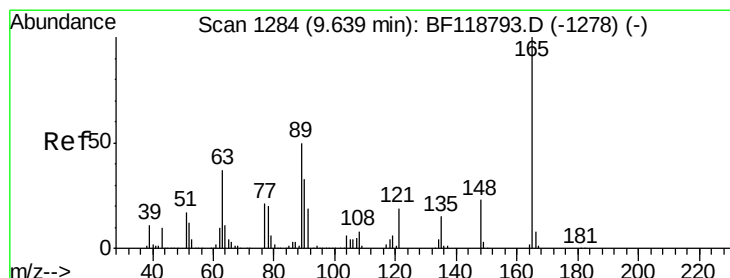
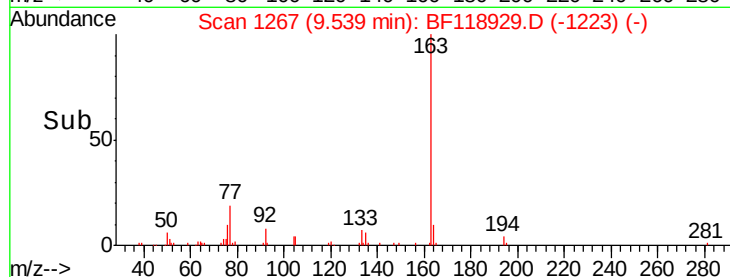
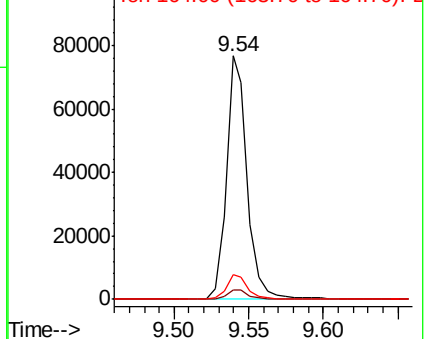


Abundance

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: 8.552 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

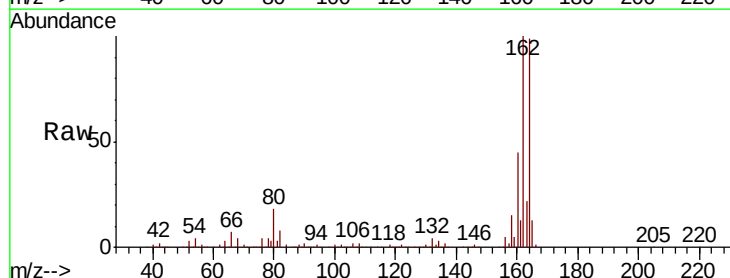
Tgt Ion:165 Resp: 57108

Ion Ratio Lower Upper

165 100

63 0.9 37.4 56.0#

89 1.3 39.7 59.5#

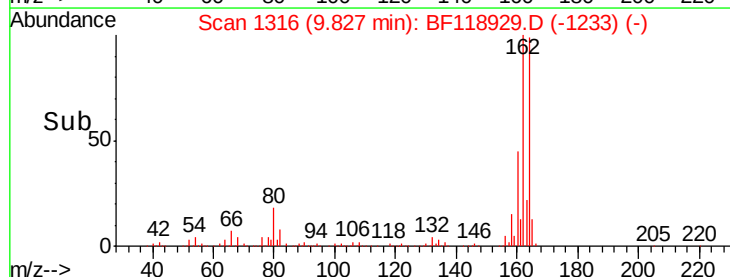
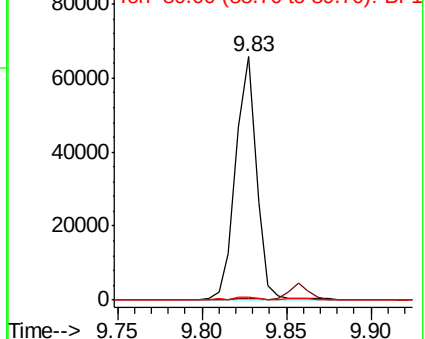


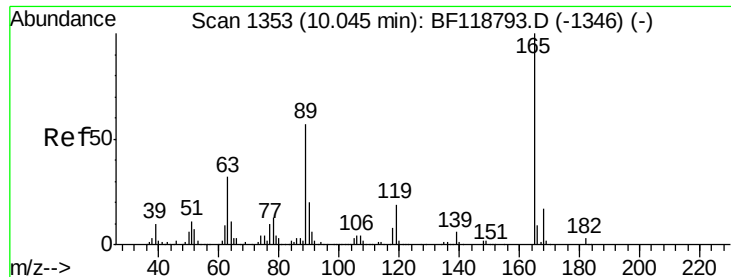
Abundance

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

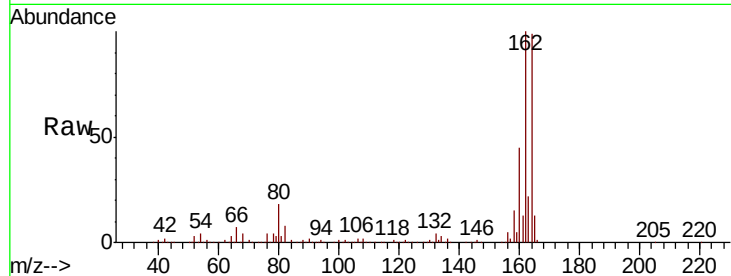




#57
 2,4-Dinitrotoluene
 Concen: 6.462 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#



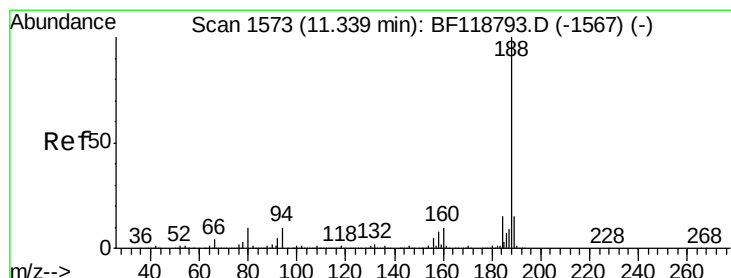
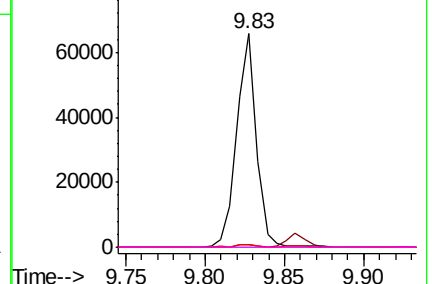
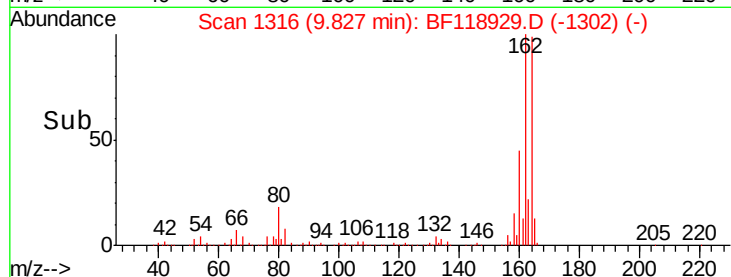
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

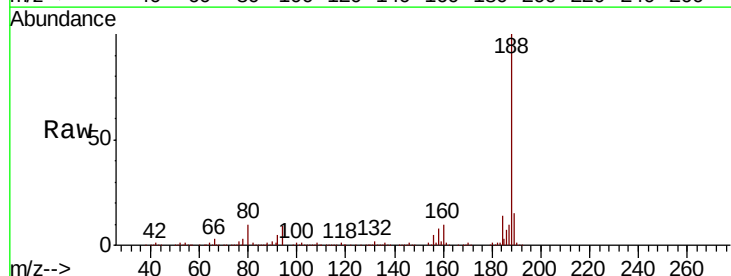
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.03 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.9	11.9
80	9.6	8.4	12.6

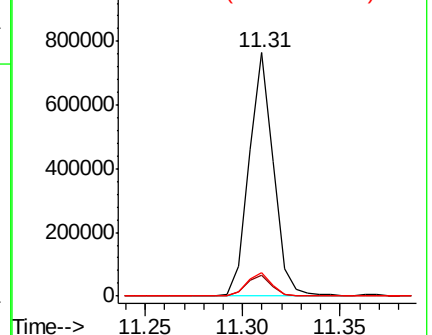
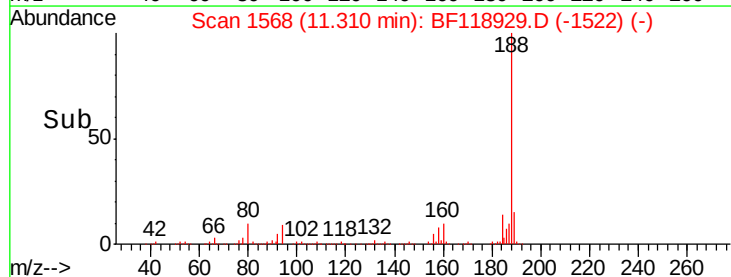


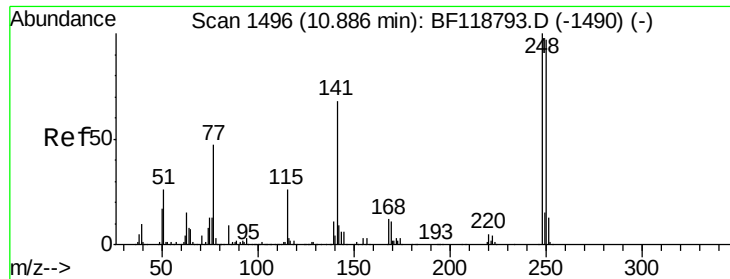
Abundance

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

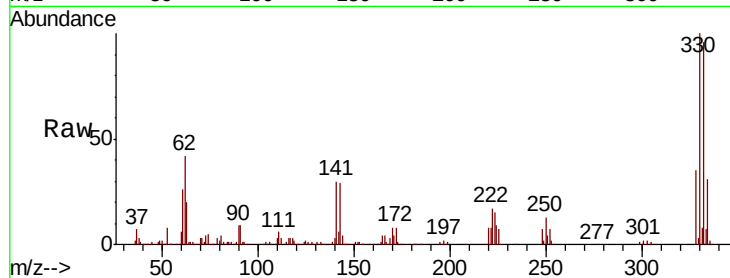




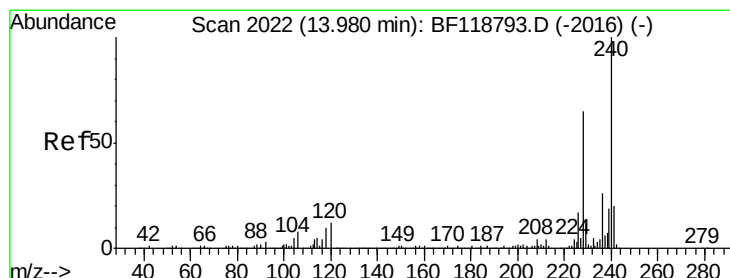
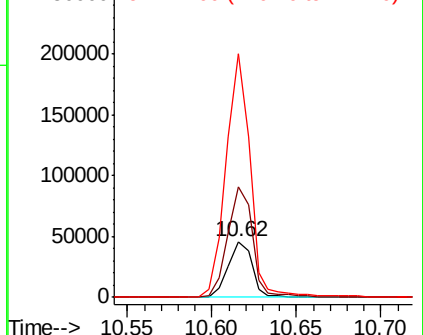
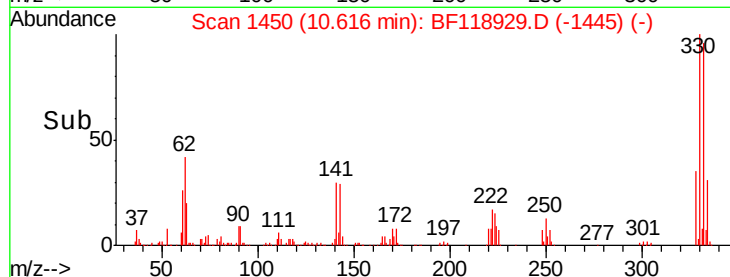
#67
 4-Bromophenyl-phenylether
 Concen: 5.887 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.27 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 46171
 Ion Ratio Lower Upper
 248 100
 250 197.7 77.6 116.4#
 141 436.9 54.4 81.6#

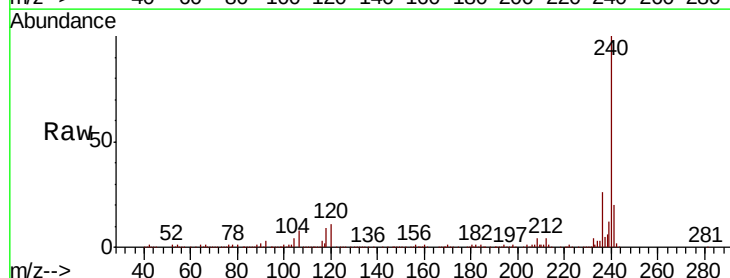


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

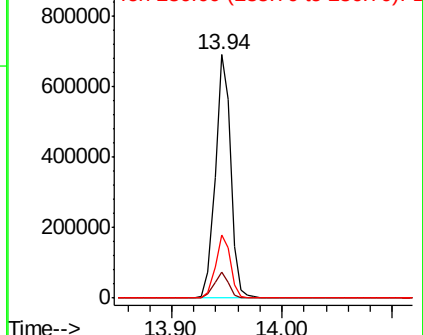
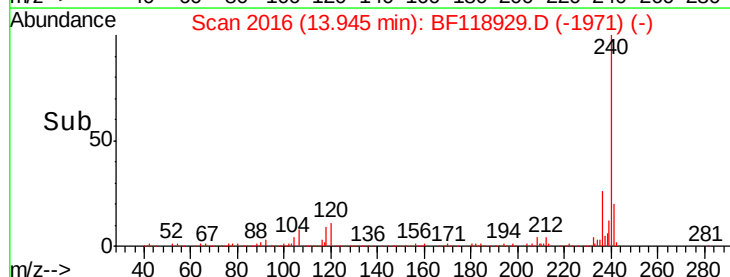


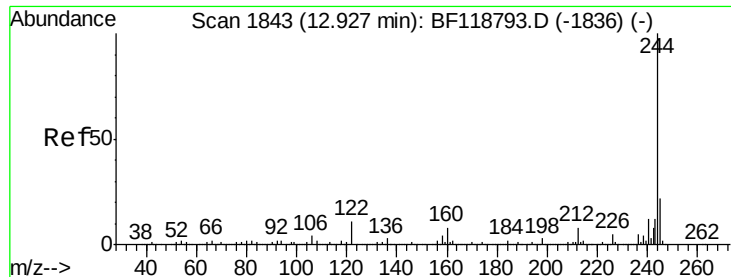
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BF118929.D
 Acq: 13 Feb 2020 19:57

Tgt Ion:240 Resp: 659498
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.4 14.0
 236 25.7 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: 85.149 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

Instrument :

BNA_F

ClientSampleId :

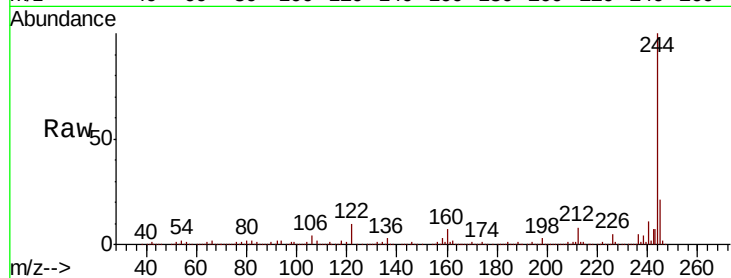
Tot Ion:244 Resp: 2733898

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

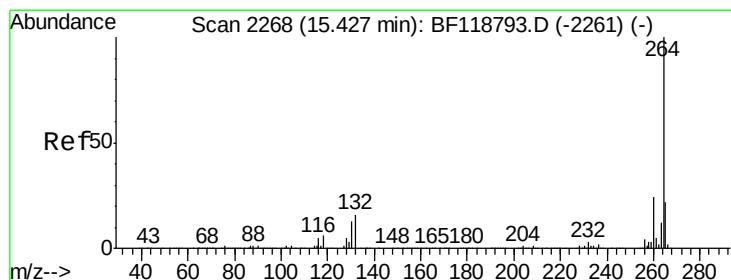
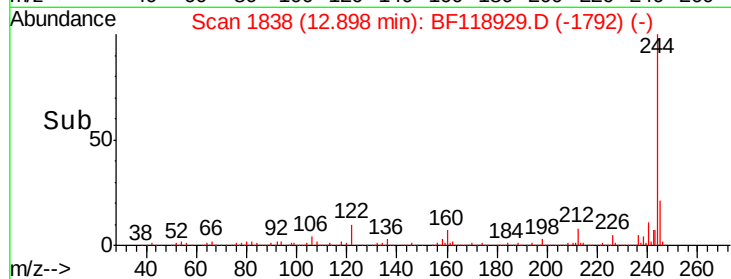
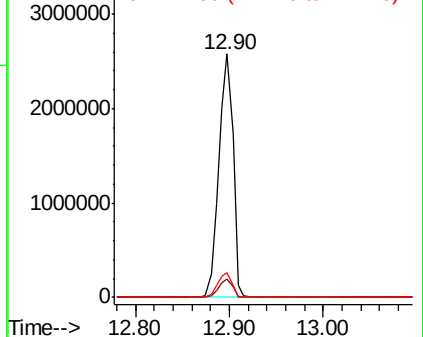
122 10.4 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.04 min

Lab File: BF118929.D

Acq: 13 Feb 2020 19:57

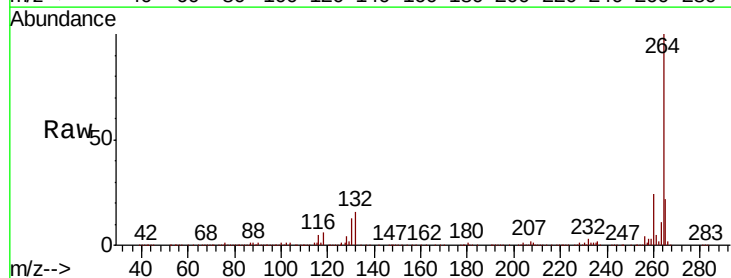
Tgt Ion:264 Resp: 669501

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.9 17.2 25.8



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

