

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118029.D
 Acq On : 27 Nov 2019 5:30
 Operator : JU
 Sample : K6014-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:50:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	103604	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	369514	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	158401	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	244459	20.00	ng	0.00
76) Chrysene-d12	14.09	240	193514	20.00	ng	0.00
87) Perylene-d12	15.59	264	154460	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	598241	102.21	ng	0.02
7) Phenol-d6	6.52	99	891056	126.22	ng	0.00
23) Nitrobenzene-d5	7.46	82	618044	99.43	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	103515	61.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1128526	127.82	ng	0.00
79) Terphenyl-d14	13.03	244	1040895	98.31	ng	0.00

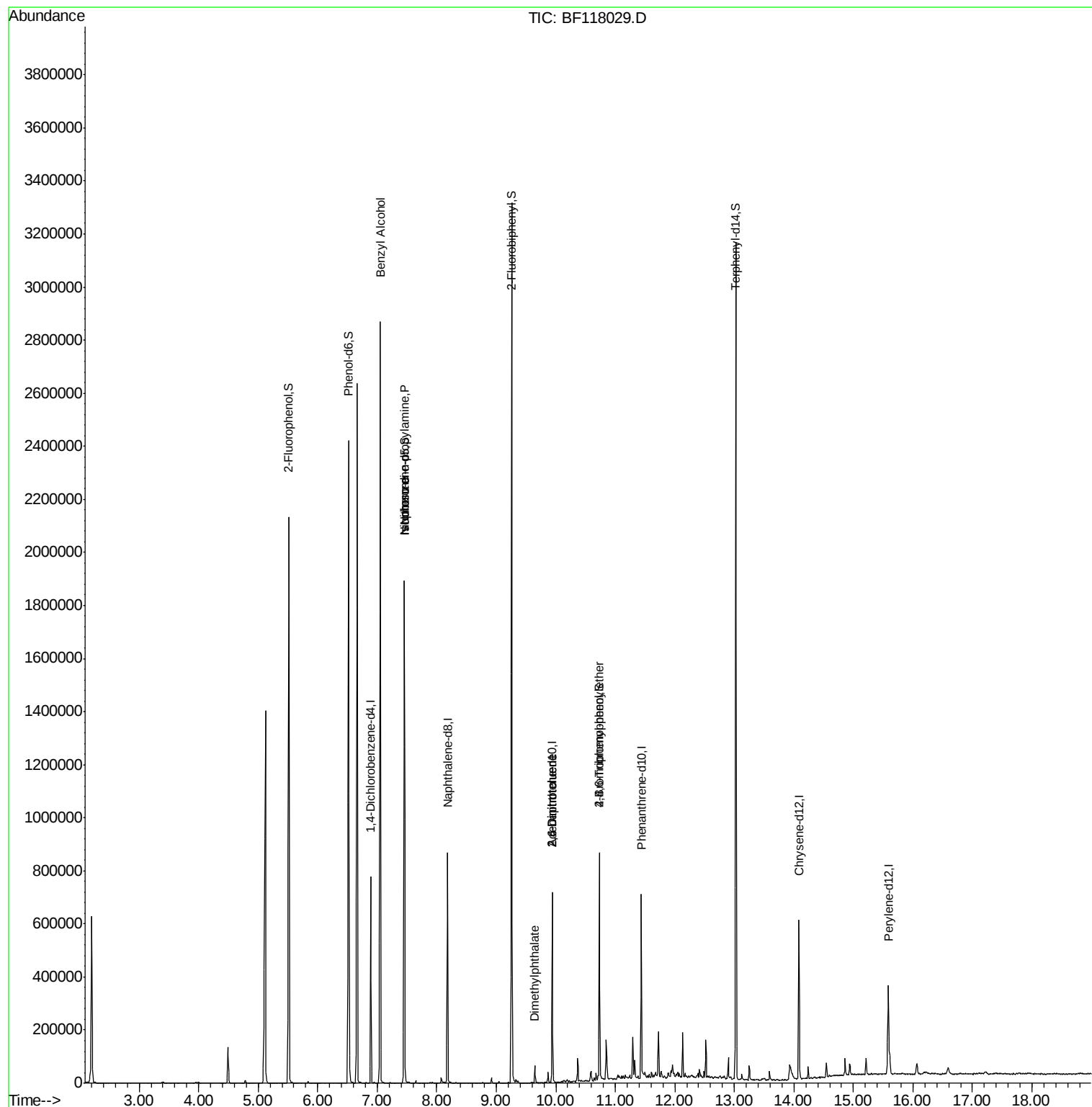
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1331	Below Cal	#	1
15) Benzyl Alcohol	7.05	79	11276	2.069 ng	#	48
19) n-Nitroso-di-n-propylamine	7.46	70	81709	18.761 ng	#	74
25) Isophorone	7.46	82	617926	54.238 ng	#	62
50) Dimethylphthalate	9.65	163	26055	2.346 ng		98
51) 2,6-Dinitrotoluene	9.94	165	20086	8.274 ng	#	23
57) 2,4-Dinitrotoluene	9.94	165	20086	6.504 ng	#	24
67) 4-Bromophenyl-phenylether	10.73	248	6527	2.475 ng	#	1
75) Fluoranthene	12.65	202	937	Below Cal		67

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

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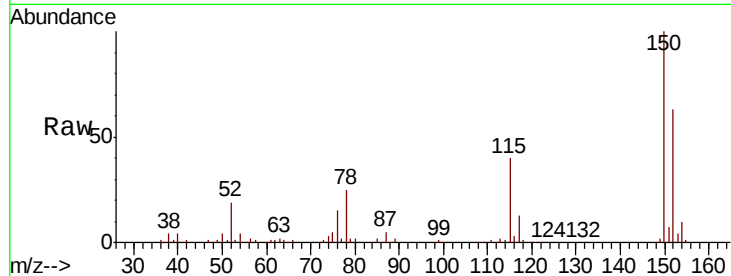


#1

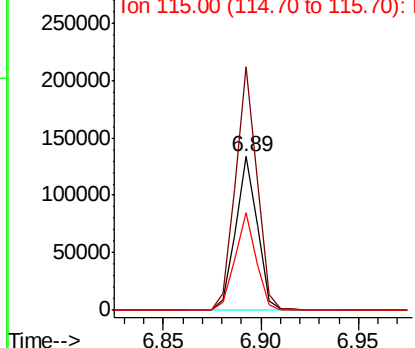
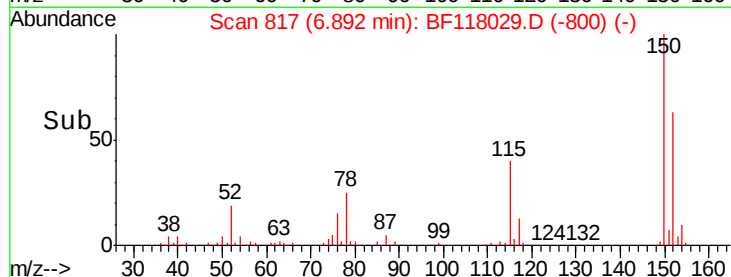
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103604
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 63.8 47.0 70.4



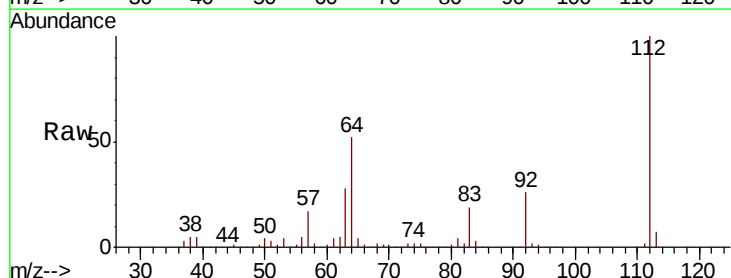
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



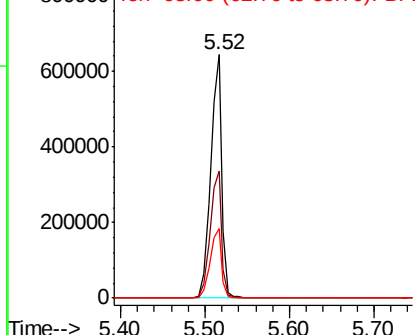
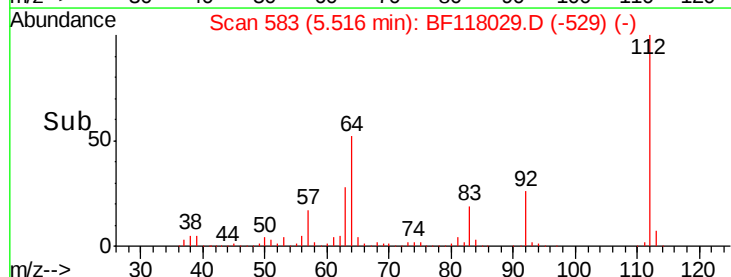
#5

2-Fluorophenol
Concen: 102.211 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:112 Resp: 598241
Ion Ratio Lower Upper
112 100
64 52.4 45.6 68.4
63 28.3 24.1 36.1



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: 126.218 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118029.D

Acq: 27 Nov 2019 5:30

Instrument :

BNA_F

ClientSampled :

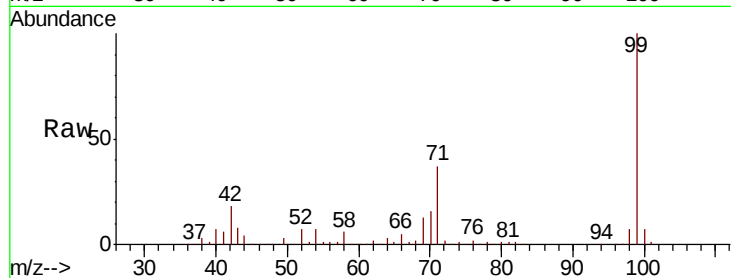
Tot Ion: 99 Resp: 891056

Ion Ratio Lower Upper

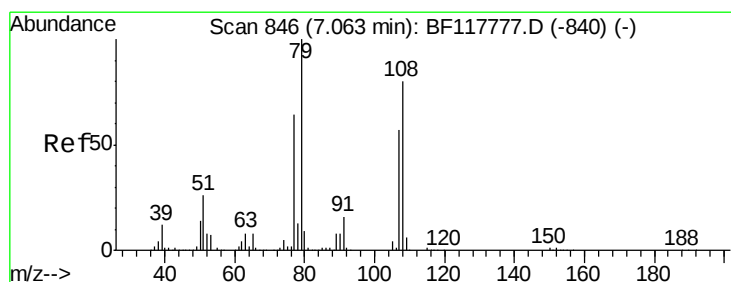
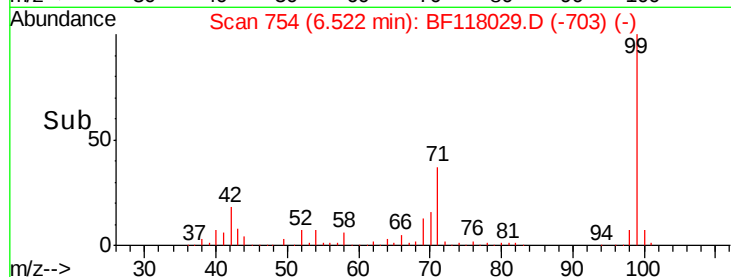
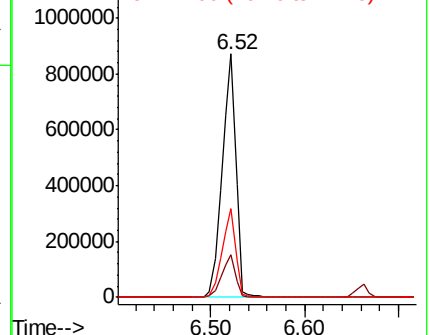
99 100

42 17.5 14.9 22.3

71 36.6 28.6 43.0



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: 2.069 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF118029.D

Acq: 27 Nov 2019 5:30

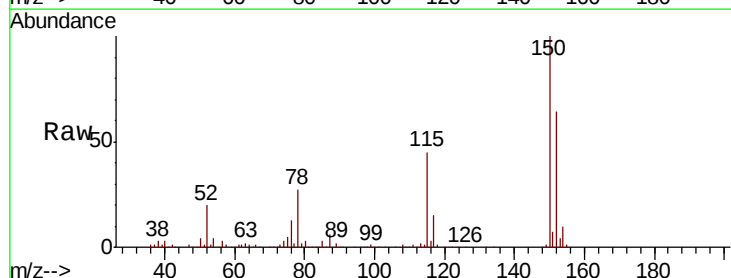
Tgt Ion: 79 Resp: 11276

Ion Ratio Lower Upper

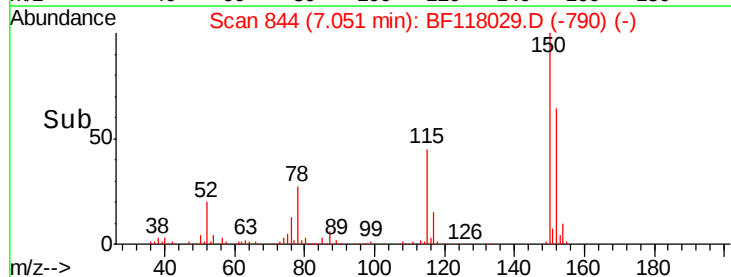
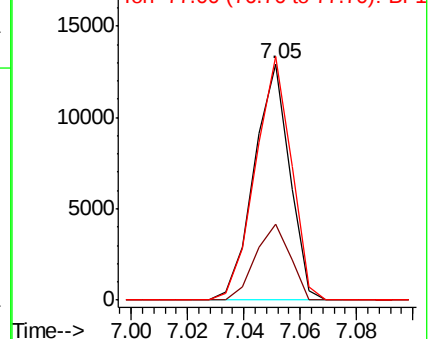
79 100

108 32.3 64.1 96.1#

77 103.1 51.3 76.9#



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

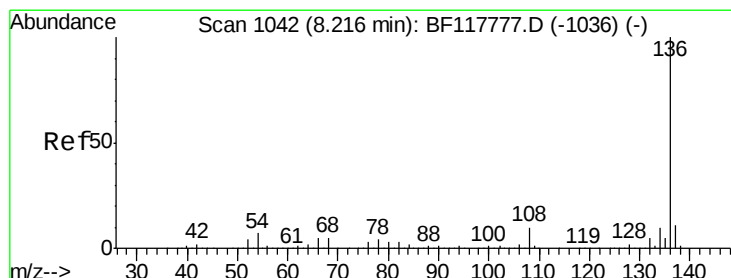
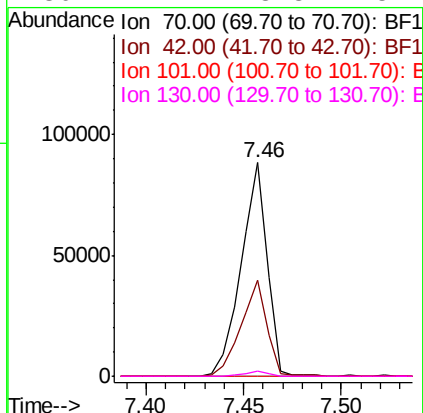
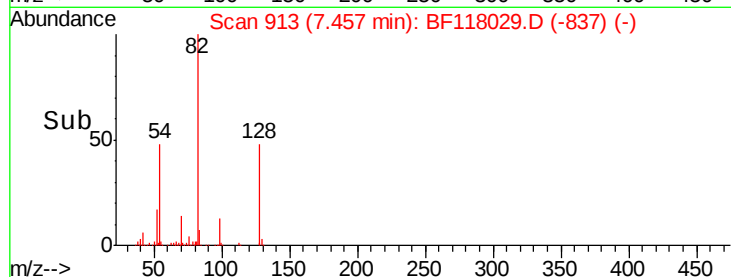
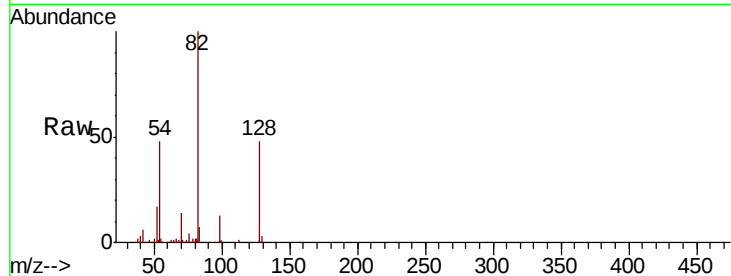




#19
n-Nitroso-di-n-propylamine
Concen: 18.761 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

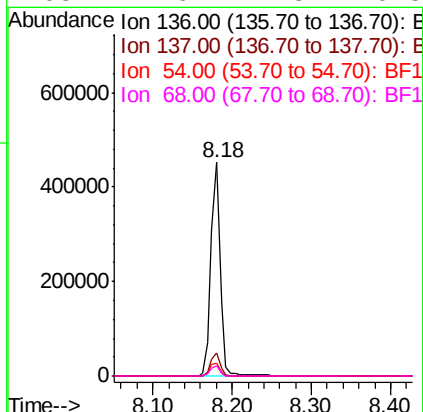
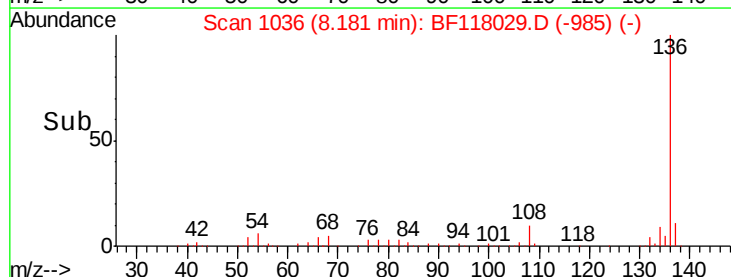
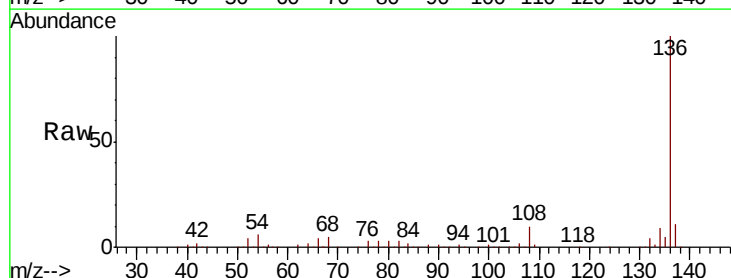
Instrument :
BNA_F
ClientSampleId :

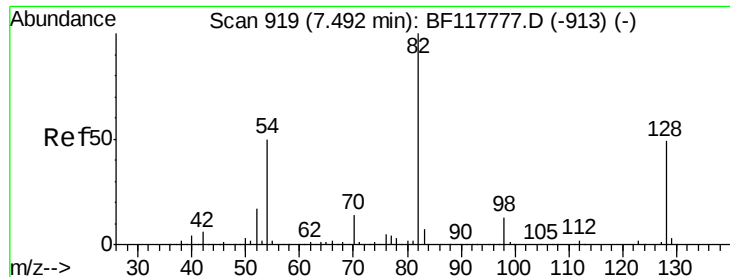
Tot Ion: 70 Resp: 81709
Ion Ratio Lower Upper
70 100
42 44.9 47.4 71.2#
101 0.0 8.4 12.6#
130 2.4 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion: 136 Resp: 369514
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.1 5.4 8.2
68 4.6 4.3 6.5

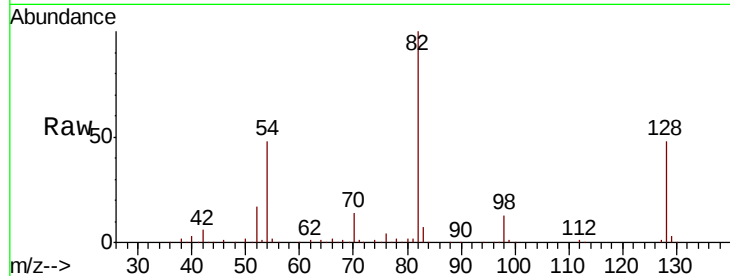




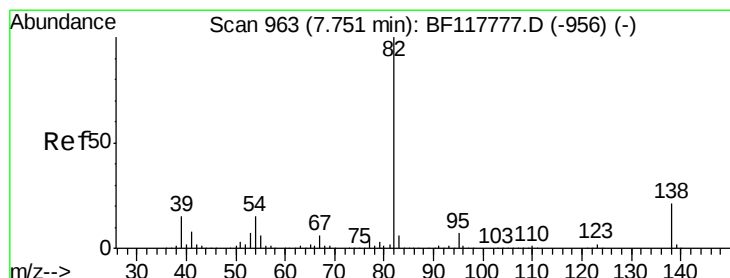
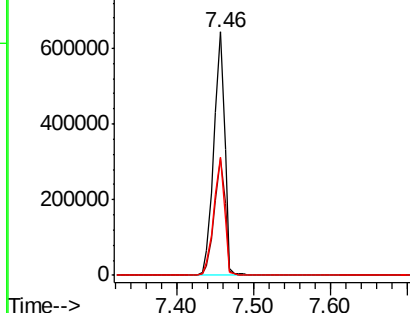
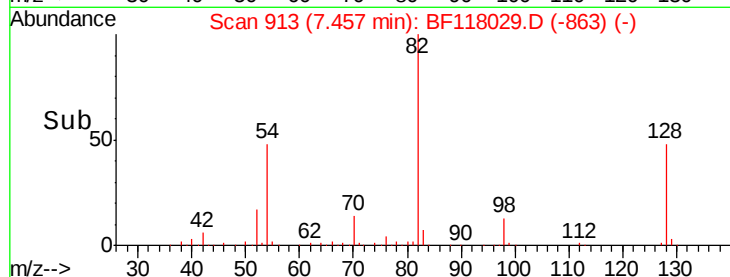
#23
Nitrobenzene-d5
Concen: 99.428 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 618044
Ion Ratio Lower Upper
82 100
128 47.9 38.9 58.3
54 48.5 39.8 59.6

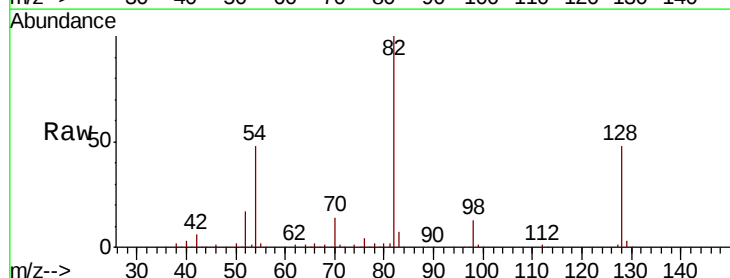


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

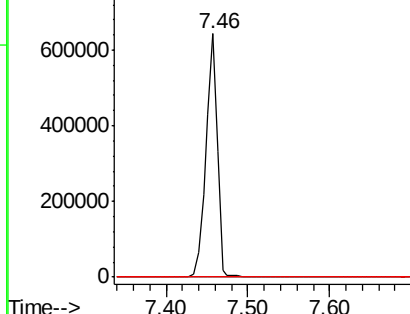
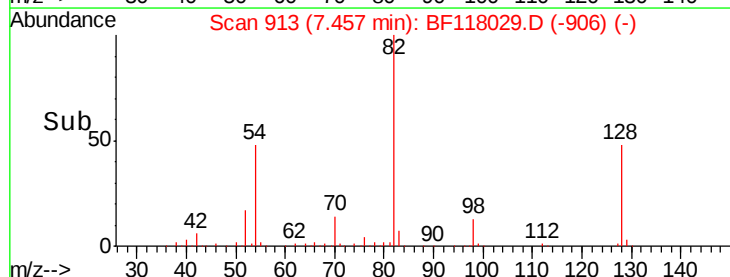


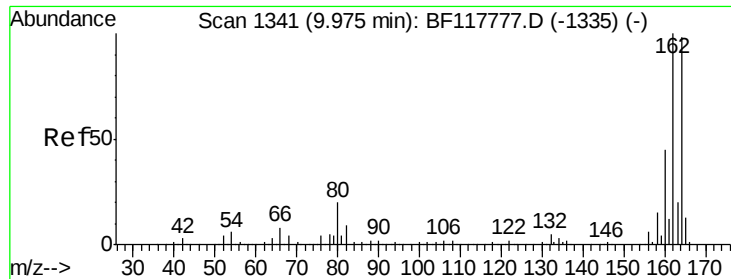
#25
Isophorone
Concen: 54.238 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion: 82 Resp: 617926
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#



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

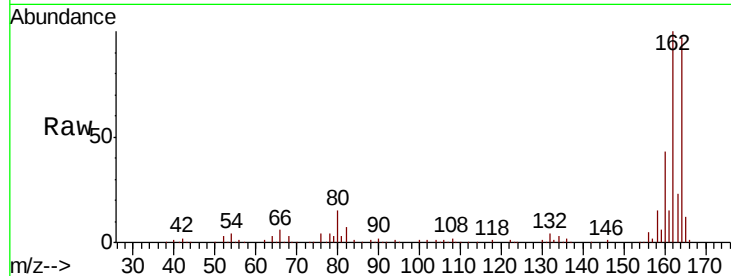




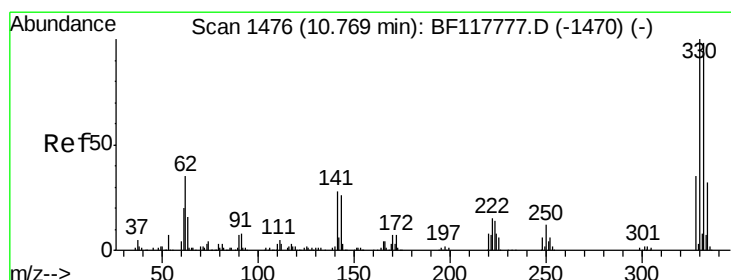
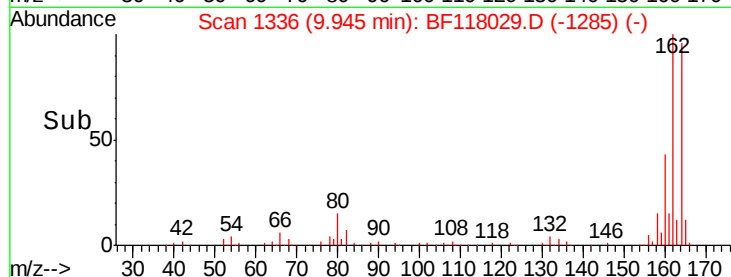
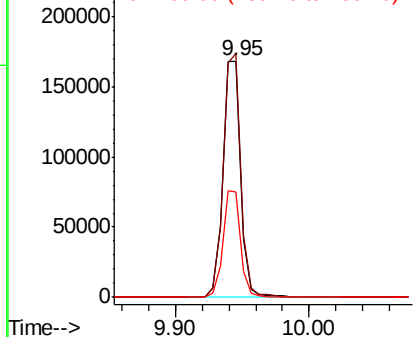
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158401
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.4 36.6 55.0

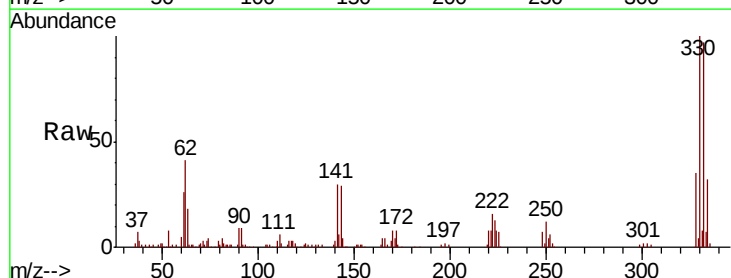


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

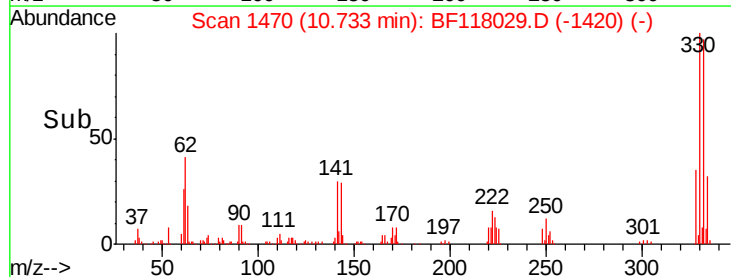
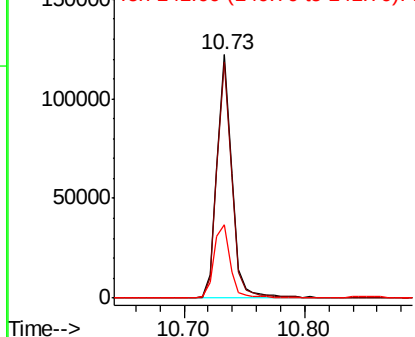


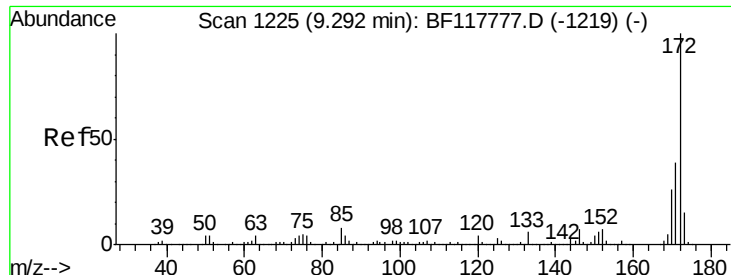
#42
2,4,6-Tribromophenol
Concen: 61.727 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:330 Resp: 103515
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 33.4 27.7 41.5



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

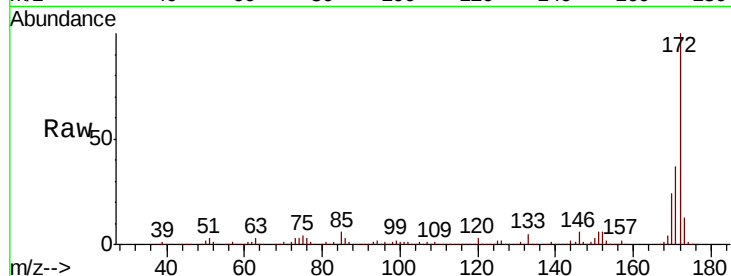




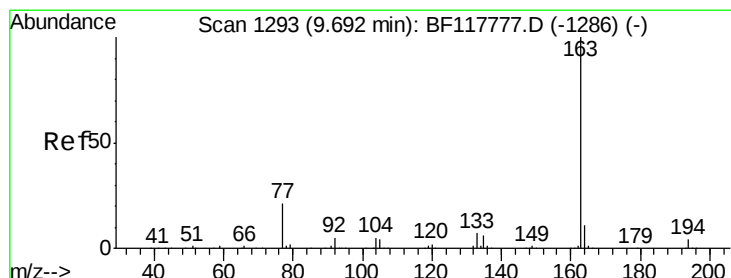
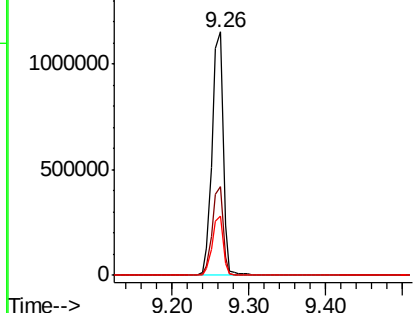
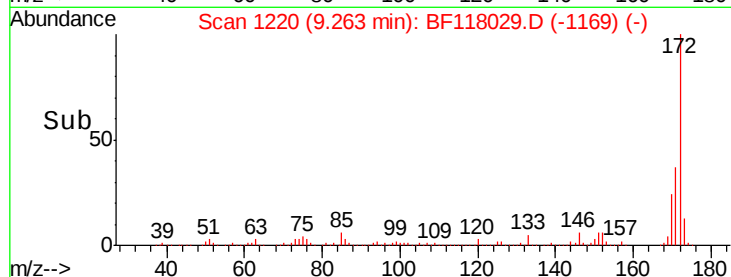
#45
2-Fluorobiphenyl
Concen: 127.816 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1128526
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.2 21.0 31.4

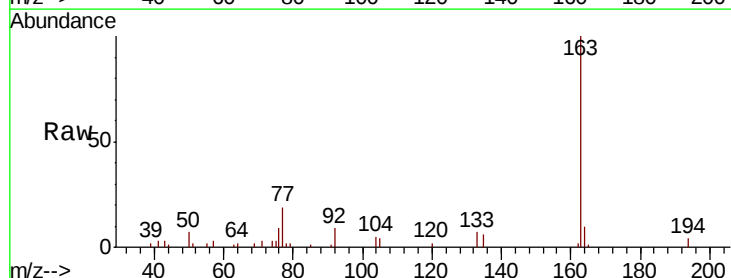


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

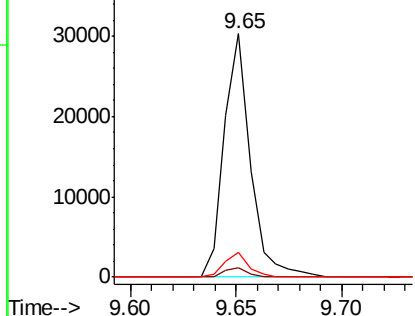
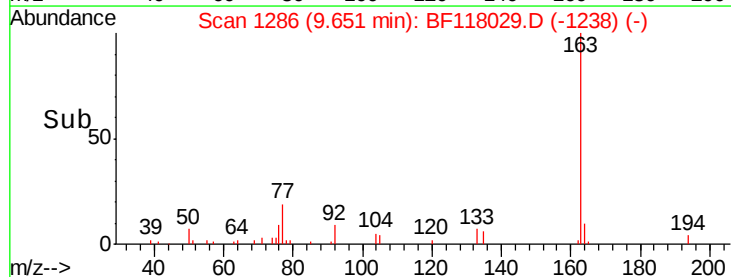


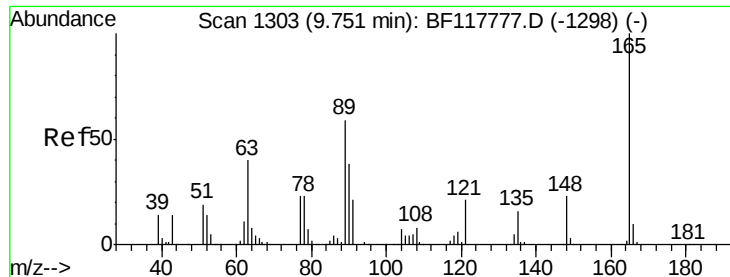
#50
Dimethylphthalate
Concen: 2.346 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118029.D
Acq: 27 Nov 2019 5:30

Tgt Ion:163 Resp: 26055
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 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

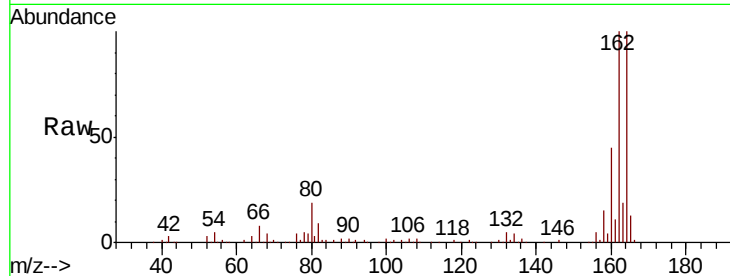




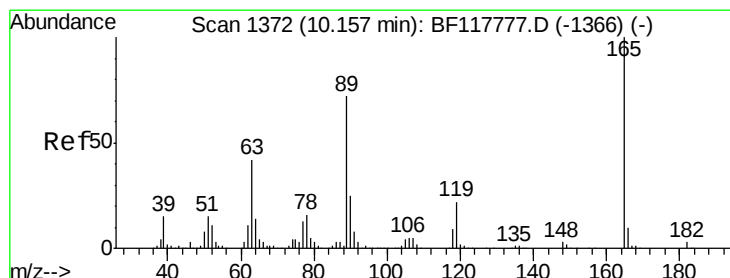
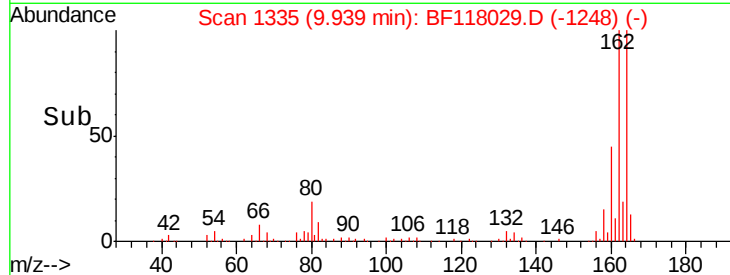
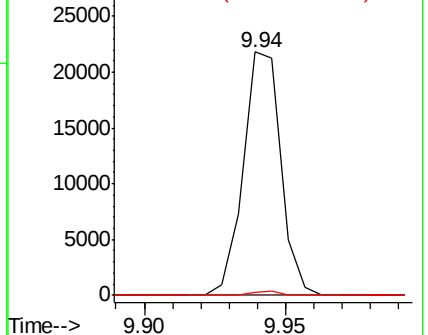
#51
 2,6-Dinitrotoluene
 Concen: 8.274 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.21 min
 Lab File: BF118029.D
 Acq: 27 Nov 2019 5:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	20086
Ion Ratio	Lower	Upper	
165	100		
63	0.0	46.0	69.0#
89	1.4	47.7	71.5#



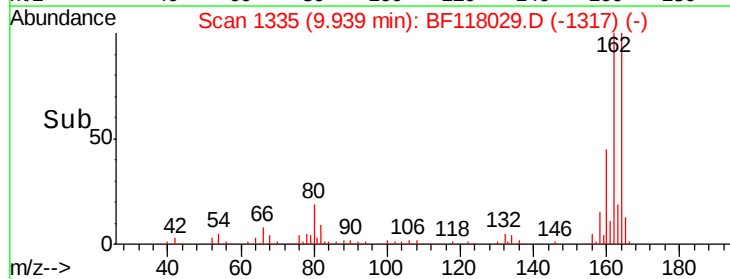
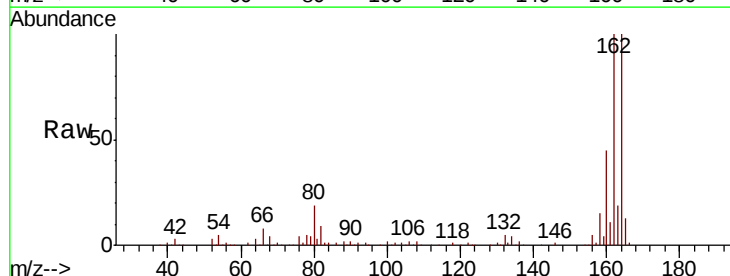
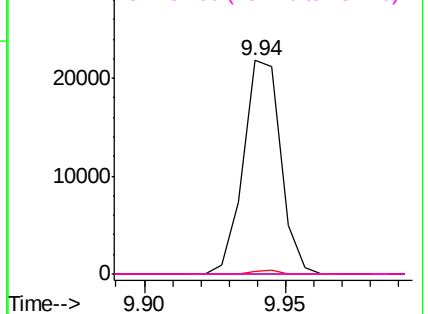
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

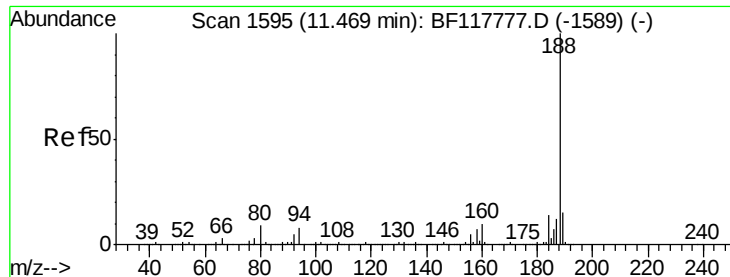


#57
 2,4-Dinitrotoluene
 Concen: 6.504 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF118029.D
 Acq: 27 Nov 2019 5:30

Tgt Ion:	165	Resp:	20086
Ion Ratio	Lower	Upper	
165	100		
63	0.0	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#

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
 Ion 182.00 (181.70 to 182.70): E

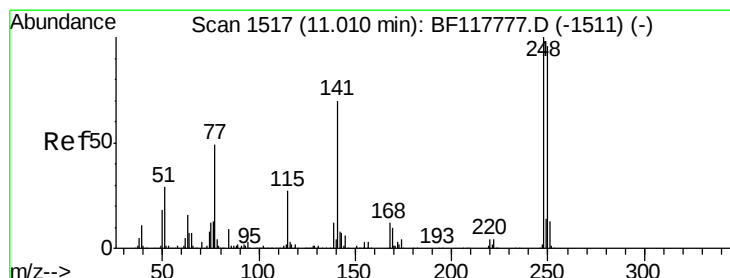
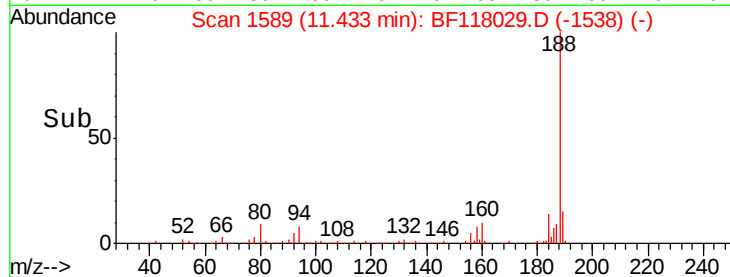
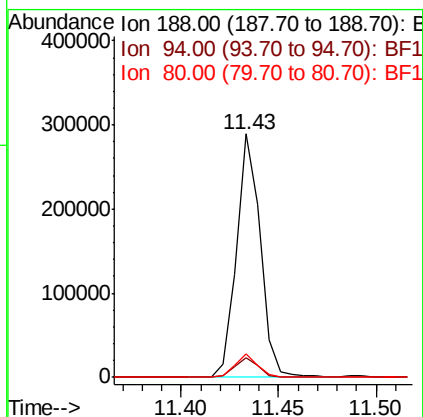
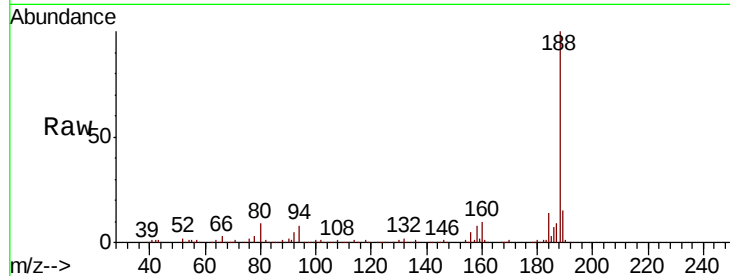




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF118029.D
 Acq: 27 Nov 2019 5:30

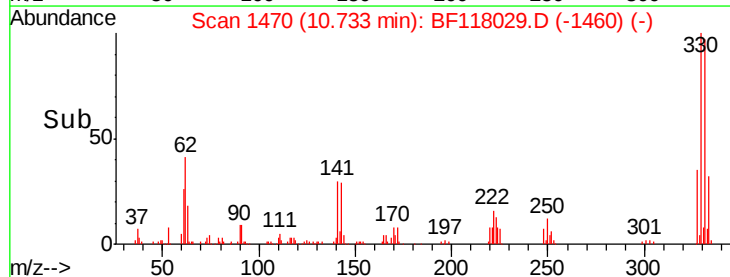
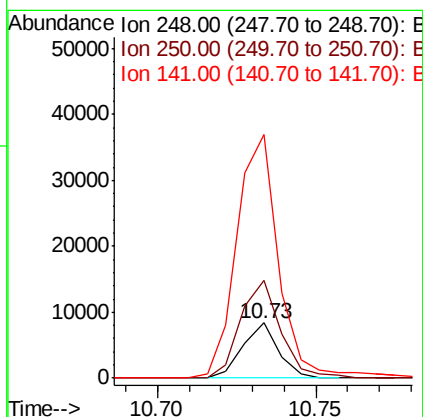
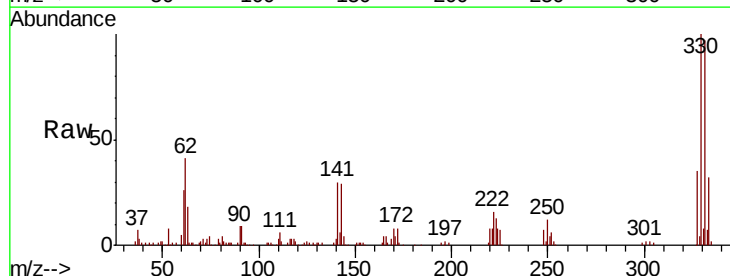
Instrument :
 BNA_F
 ClientSampleId :

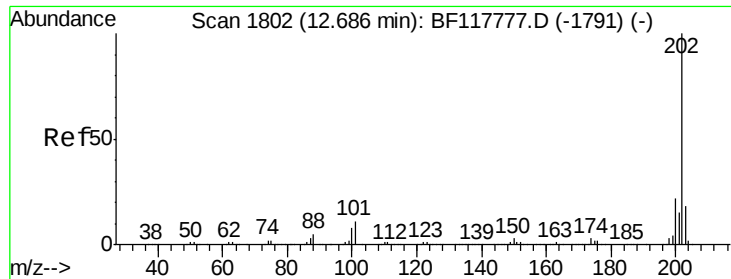
Tot Ion:188 Resp: 244459
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.6 10.0
 80 9.4 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 2.475 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.24 min
 Lab File: BF118029.D
 Acq: 27 Nov 2019 5:30

Tgt Ion:248 Resp: 6527
 Ion Ratio Lower Upper
 248 100
 250 176.8 76.6 115.0#
 141 441.1 55.9 83.9#





#75

Fluoranthene

Concen: Below Cal

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF118029.D

Acq: 27 Nov 2019 5:30

Instrument :

BNA_F

ClientSampleId :

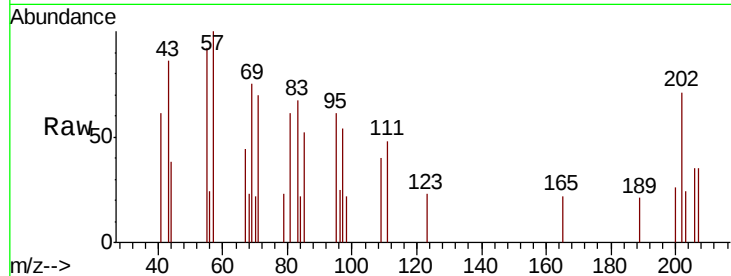
Tot Ion:202 Resp: 937

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.1

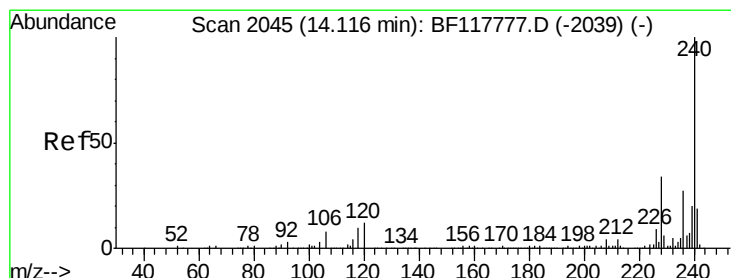
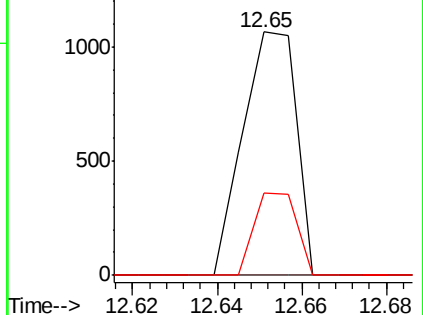
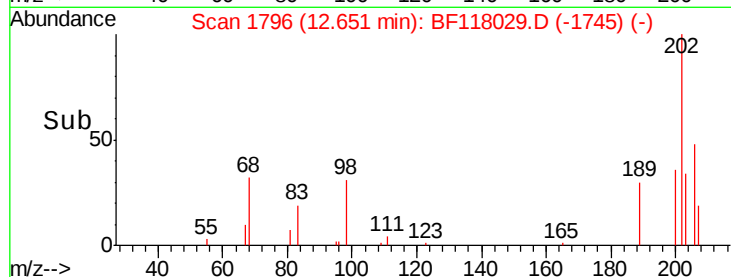
203 33.7 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF118029.D

Acq: 27 Nov 2019 5:30

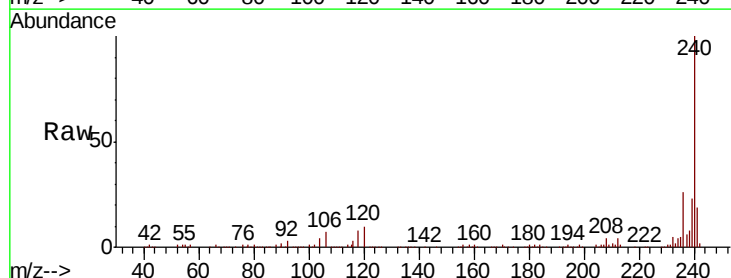
Tgt Ion:240 Resp: 193514

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3

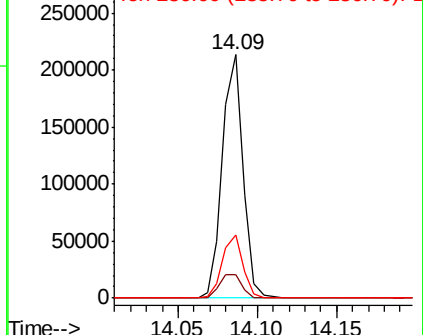
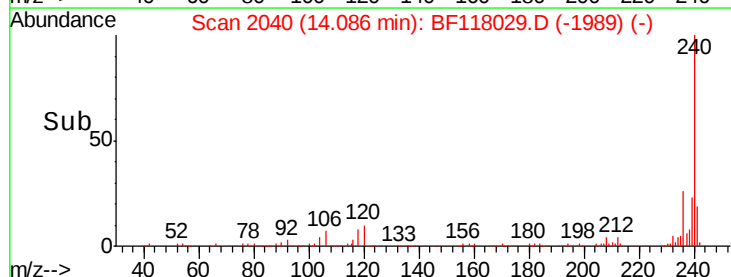
236 25.9 21.3 31.9

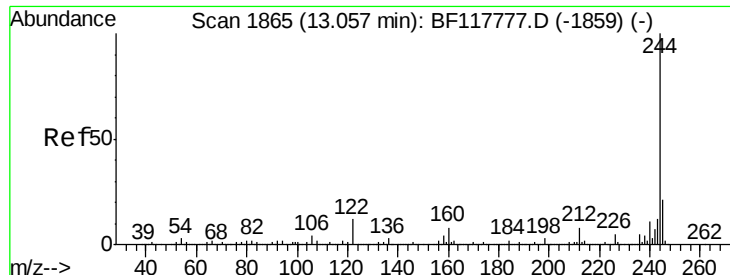


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.306 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118029.D

Acq: 27 Nov 2019 5:30

Instrument :

BNA_F

ClientSampleId :

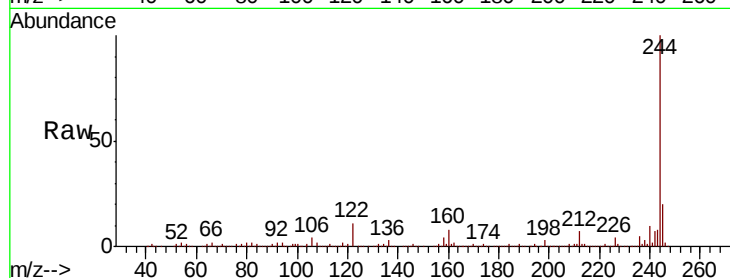
Tot Ion:244 Resp: 1040895

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

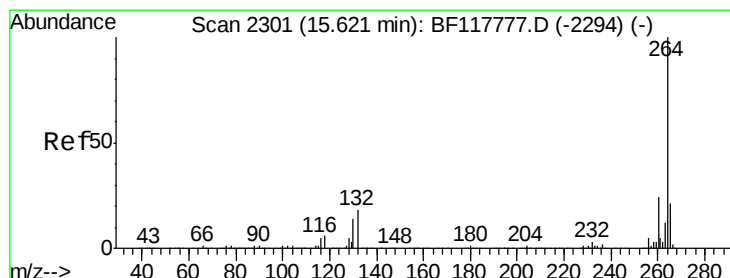
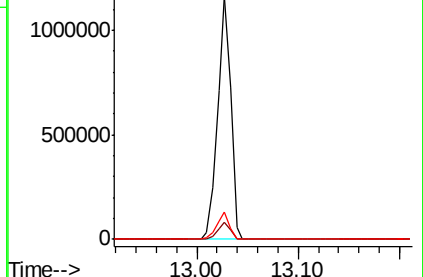
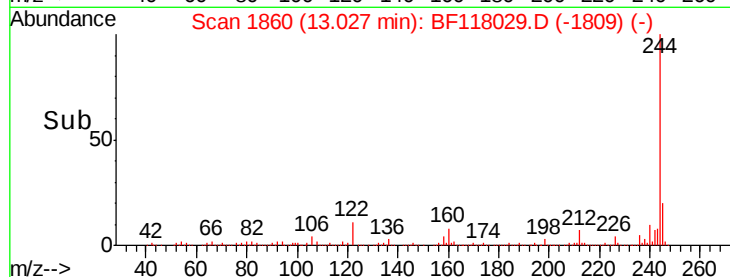
122 11.0 9.4 14.2



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: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118029.D

Acq: 27 Nov 2019 5:30

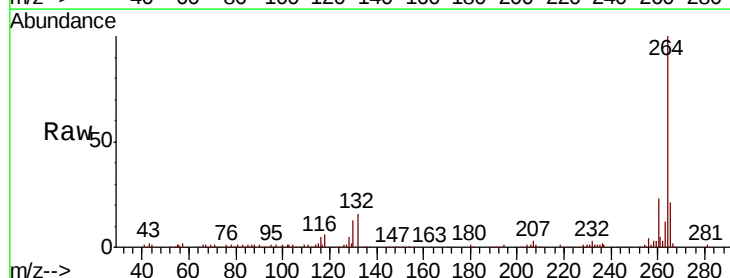
Tgt Ion:264 Resp: 154460

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.0

265 21.4 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

