

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118089.D
 Acq On : 4 Dec 2019 16:36
 Operator : JU
 Sample : K6119-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:39:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176963	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	691587	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	358500	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	654850	20.00	ng	0.00
76) Chrysene-d12	14.07	240	541678	20.00	ng	0.00
87) Perylene-d12	15.57	264	454296	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	994495	99.48	ng	0.01
7) Phenol-d6	6.50	99	1286191	106.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	774892	66.61	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	416809	109.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1470687	73.60	ng	0.00
79) Terphenyl-d14	13.01	244	1807077	60.97	ng	0.00

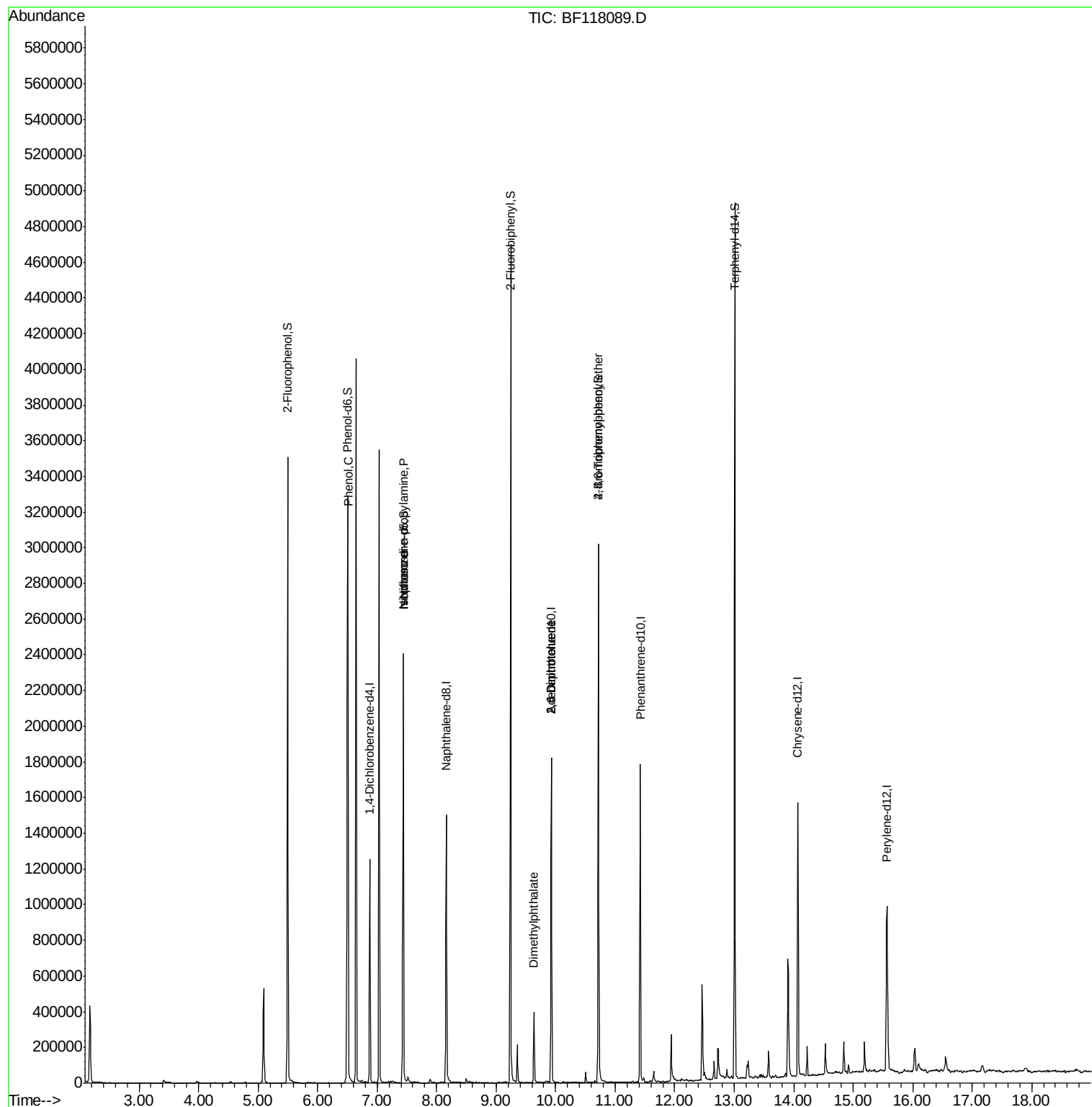
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2475	Below Cal		# 1
10) Phenol	6.52	94	38043	3.036	ng	96
19) n-Nitroso-di-n-propylamine	7.44	70	102423	13.768	ng	# 73
25) Isophorone	7.44	82	774877	36.340	ng	# 63
50) Dimethylphthalate	9.63	163	178093	7.084	ng	100
51) 2,6-Dinitrotoluene	9.93	165	46979	8.550	ng	# 25
57) 2,4-Dinitrotoluene	9.93	165	46979	6.722	ng	# 32
67) 4-Bromophenyl-phenylether	10.72	248	25746	3.644	ng	# 1
75) Fluoranthene	12.64	202	659	Below Cal		64

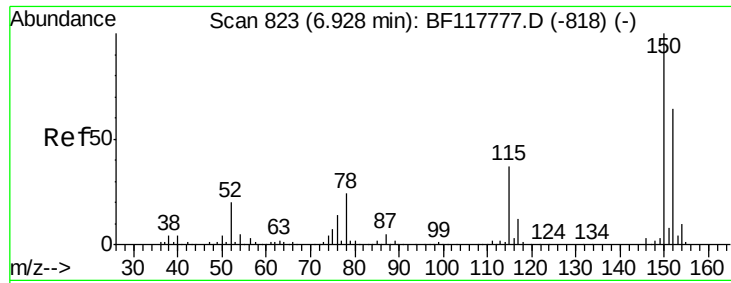
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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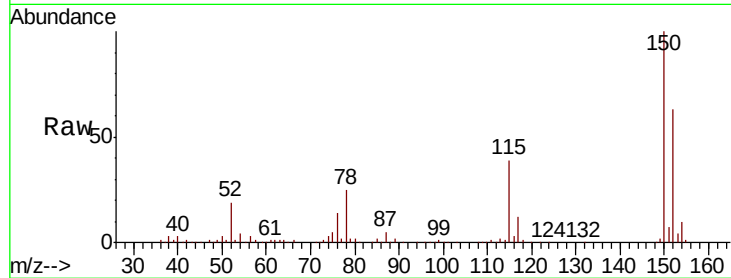


#1

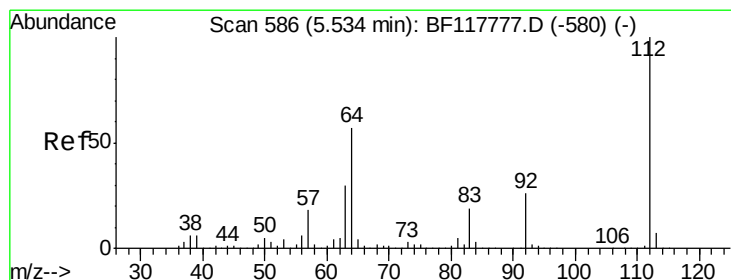
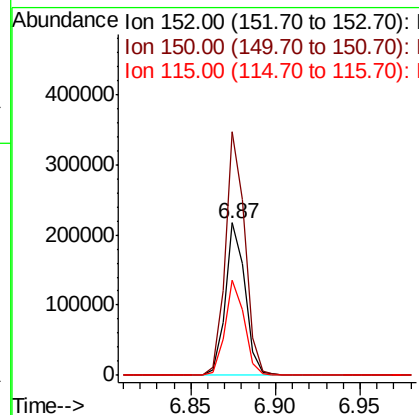
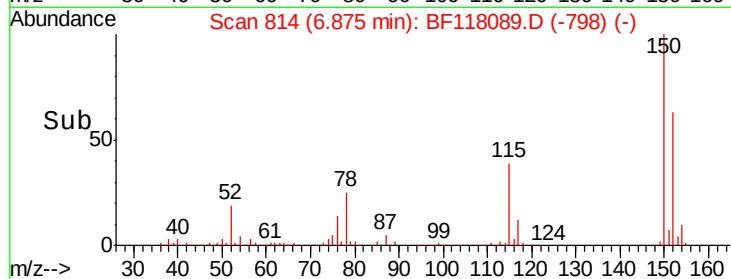
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 176963
Ion Ratio Lower Upper
152 100
150 160.0 121.4 182.2
115 62.5 48.8 73.2



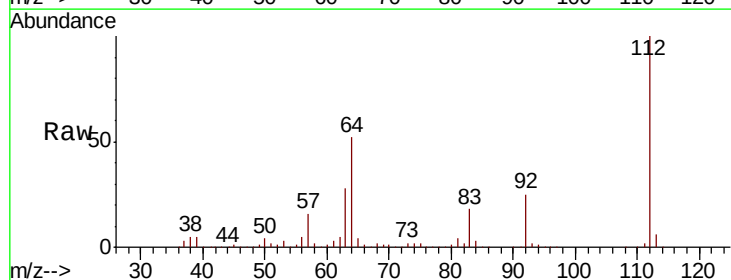
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



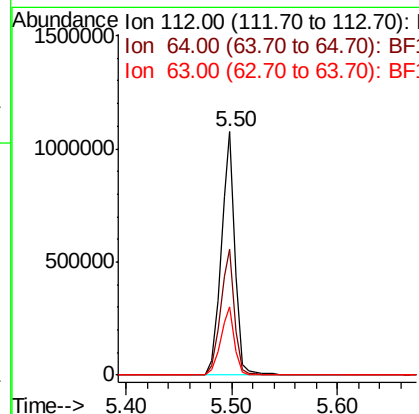
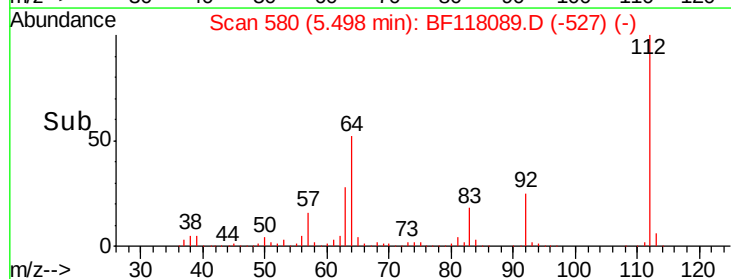
#5

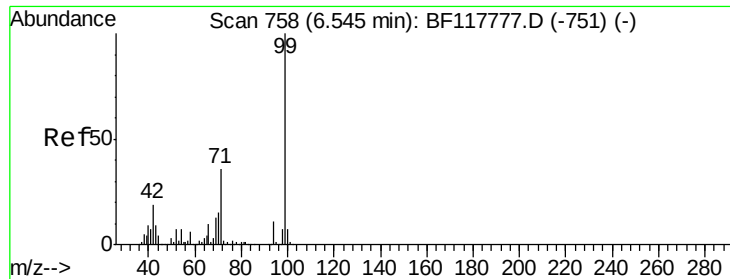
2-Fluorophenol
Concen: 99.476 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion:112 Resp: 994495
Ion Ratio Lower Upper
112 100
64 51.9 45.1 67.7
63 27.9 24.6 37.0



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: 106.664 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

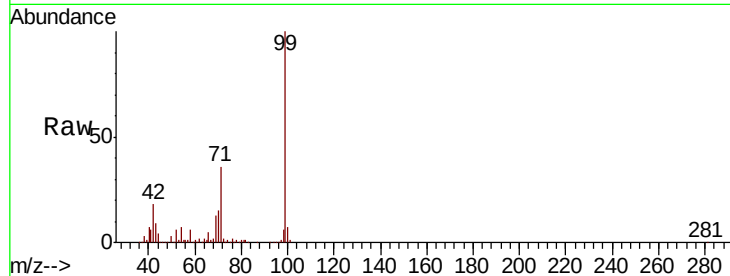
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1286191

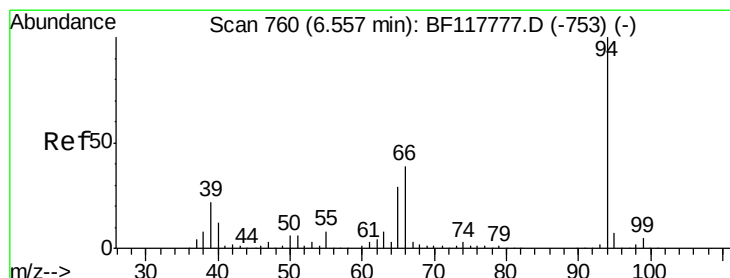
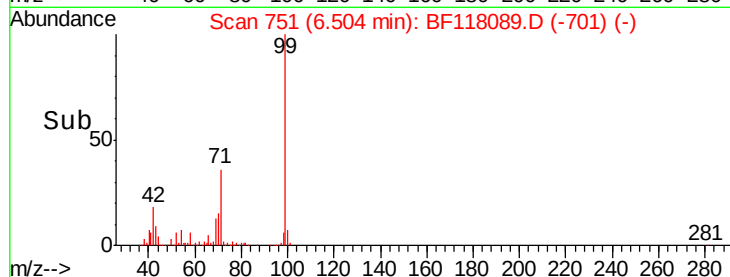
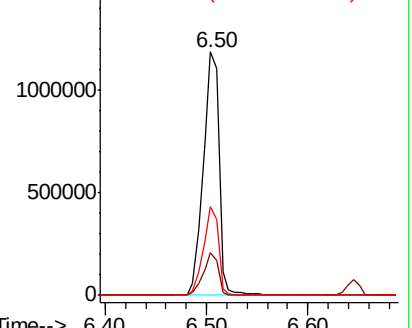
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.0	21.0
71	36.4	29.2	43.8



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



#10

Phenol

Concen: 3.036 ng

RT: 6.52 min Scan# 753

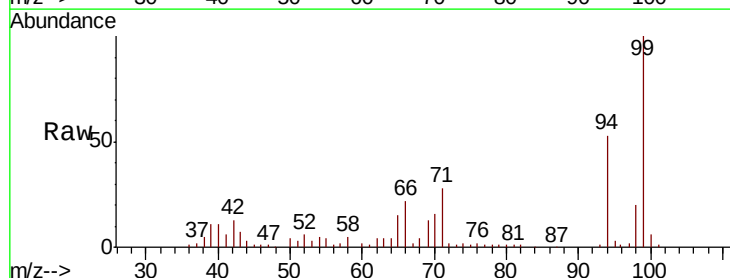
Delta R.T. -0.01 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

Tgt Ion: 94 Resp: 38043

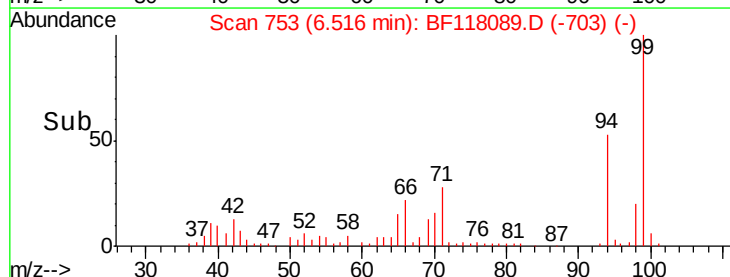
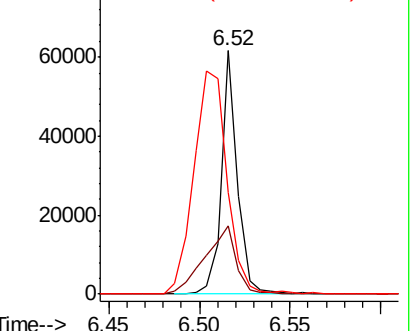
Ion	Ratio	Lower	Upper
94	100		
65	28.1	6.9	46.9
66	41.8	18.6	58.6

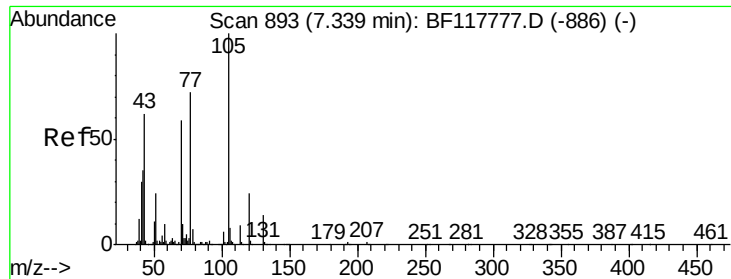


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

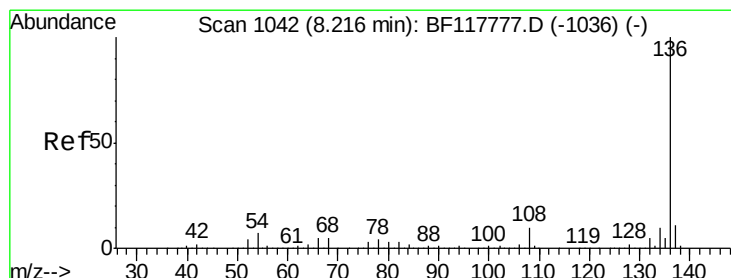
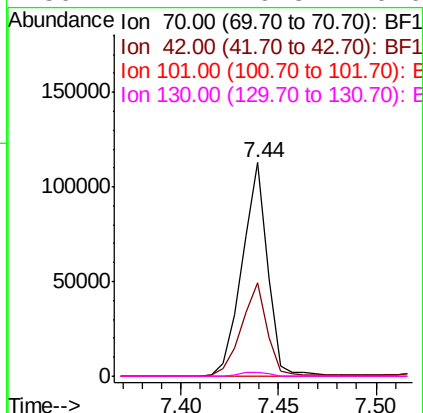
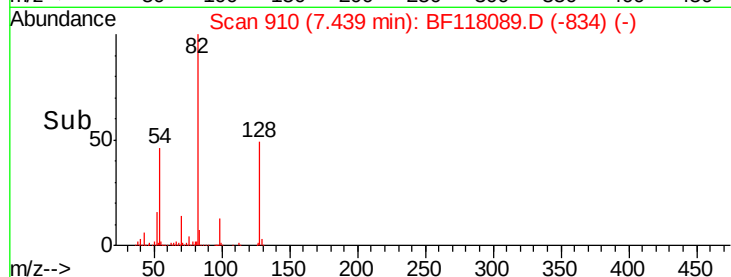
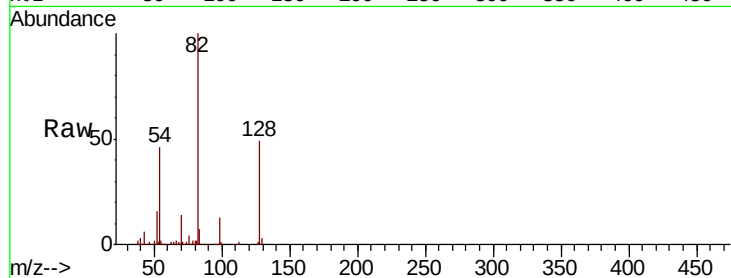




#19
n-Nitroso-di-n-propylamine
Concen: 13.768 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

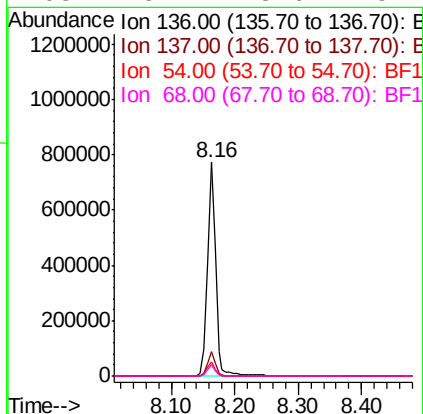
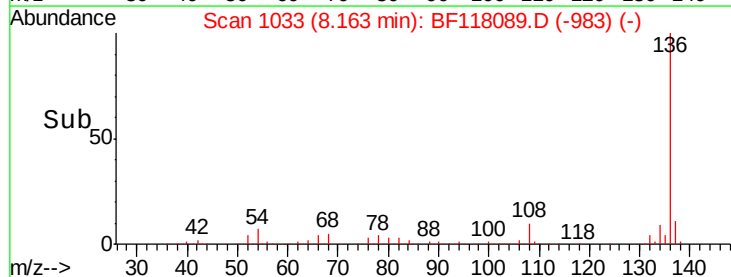
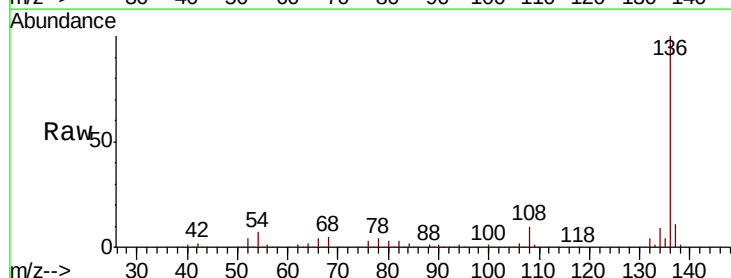
Instrument :
BNA_F
ClientSampleId :

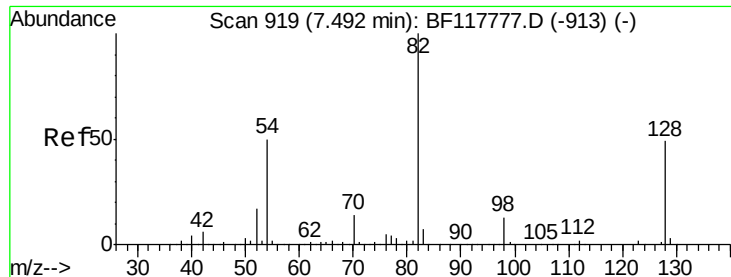
Tot Ion: 70 Resp: 102423
Ion Ratio Lower Upper
70 100
42 43.8 46.0 69.0#
101 0.0 8.8 13.2#
130 2.1 19.8 29.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion: 136 Resp: 691587
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.5 4.9 7.3
68 5.1 3.6 5.4

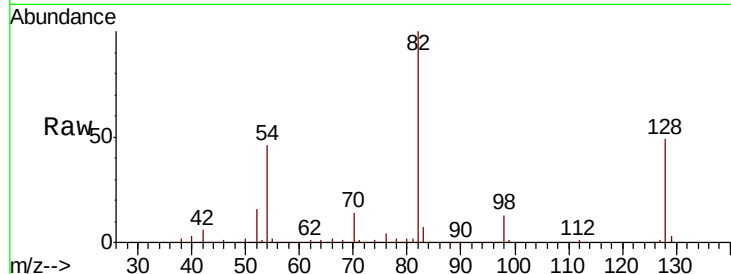




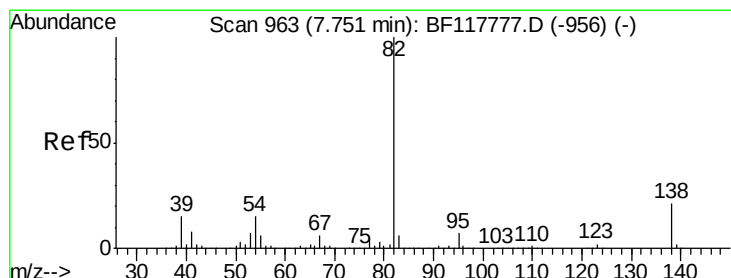
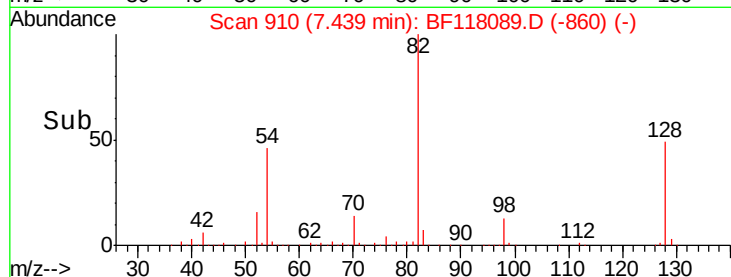
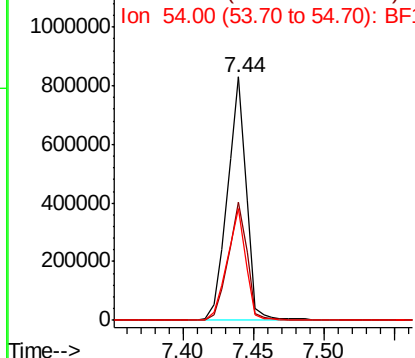
#23
Nitrobenzene-d5
Concen: 66.606 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	774892
Ion Ratio	100	Lower	Upper
128	48.8	38.2	57.4
54	45.9	39.0	58.4

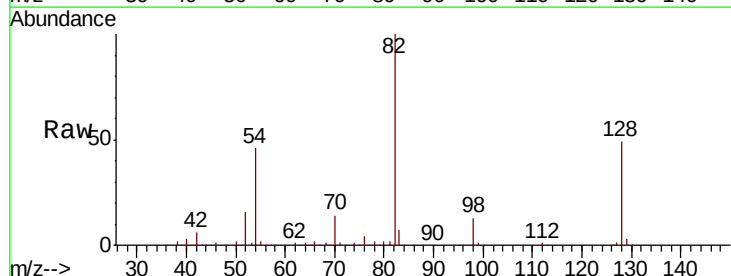


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

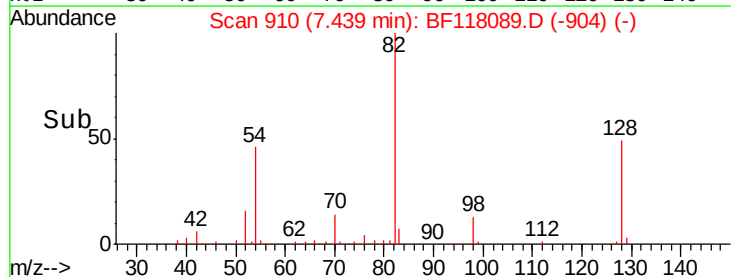
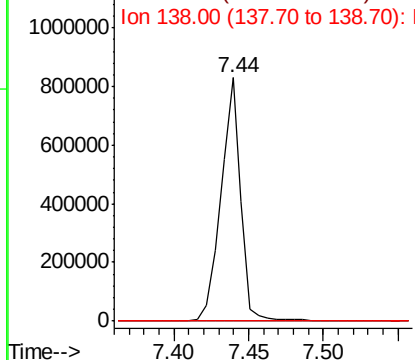


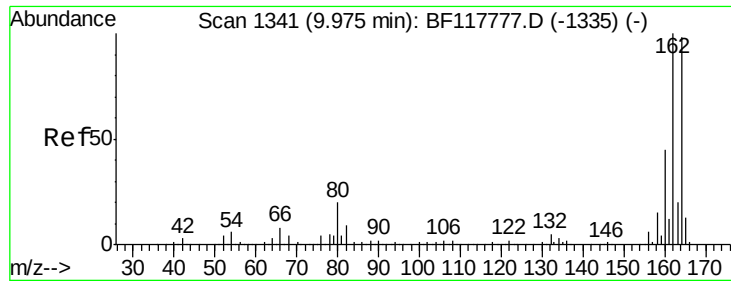
#25
Isophorone
Concen: 36.340 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion	82	Resp	774877
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	15.9	23.9#



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

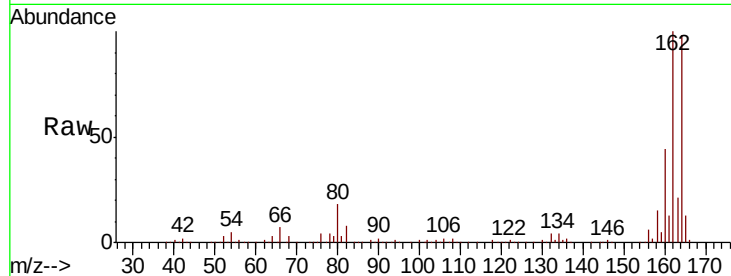




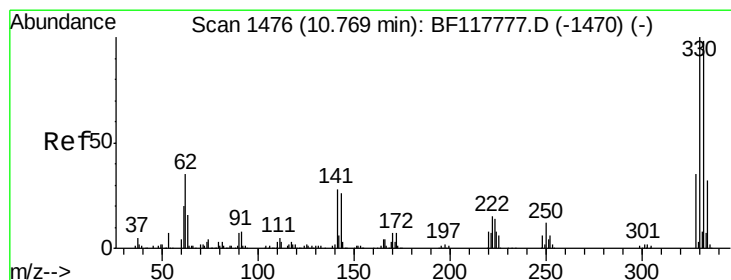
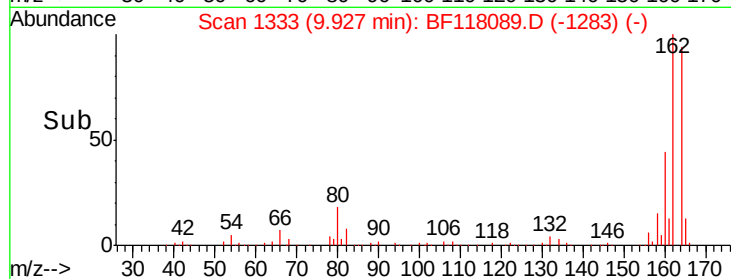
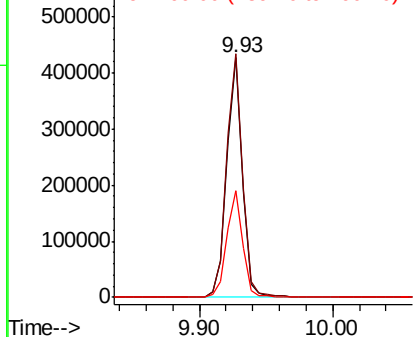
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 358500
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.8
160 44.7 35.9 53.9

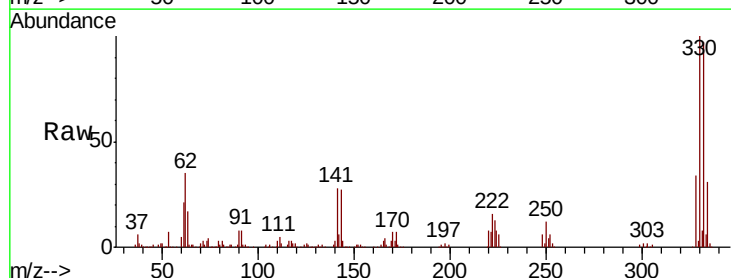


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

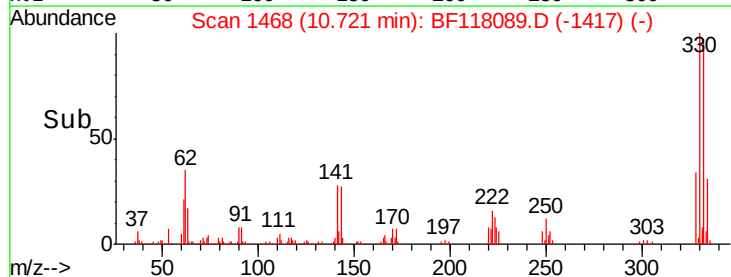
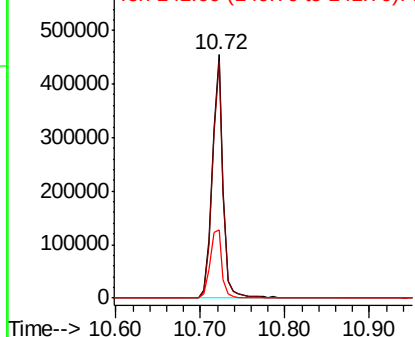


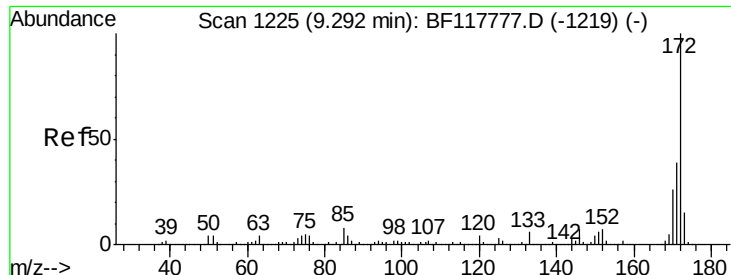
#42
2,4,6-Tribromophenol
Concen: 109.819 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion:330 Resp: 416809
Ion Ratio Lower Upper
330 100
332 96.7 78.3 117.5
141 31.3 26.4 39.6



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

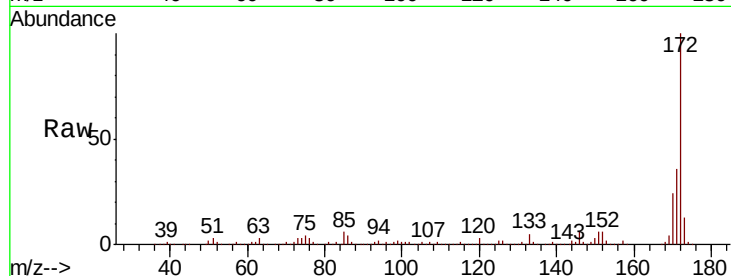




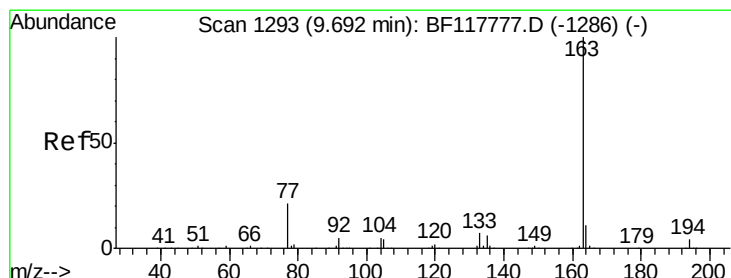
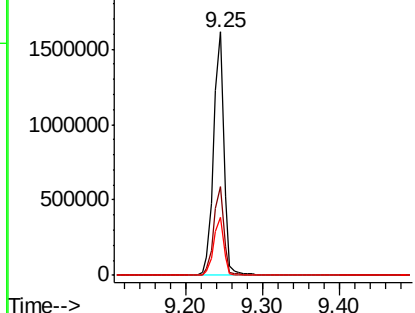
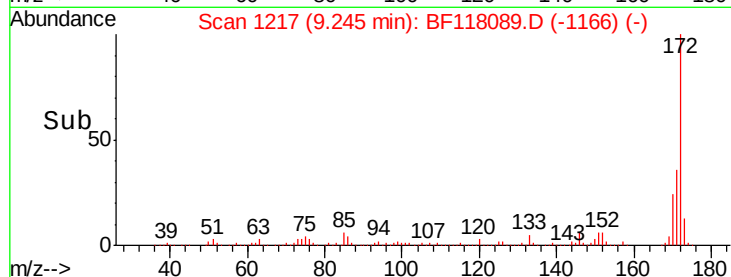
#45
2-Fluorobiphenyl
Concen: 73.597 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1470687
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.9 19.3 28.9

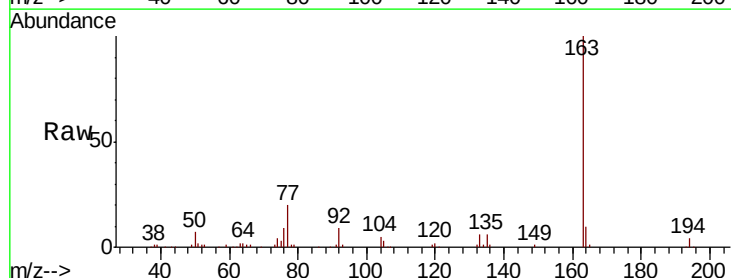


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

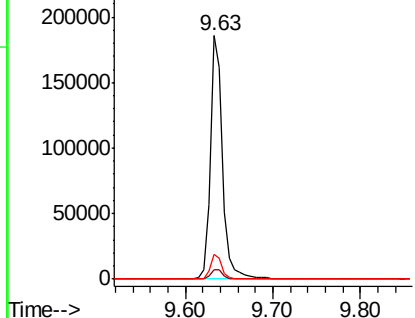
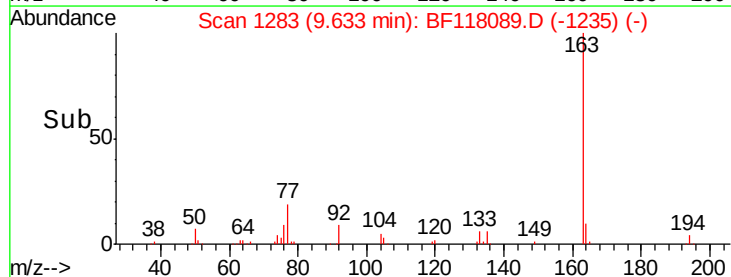


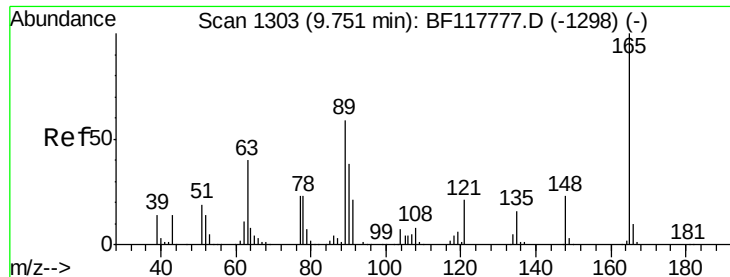
#50
Dimethylphthalate
Concen: 7.084 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion:163 Resp: 178093
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.9 11.9



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

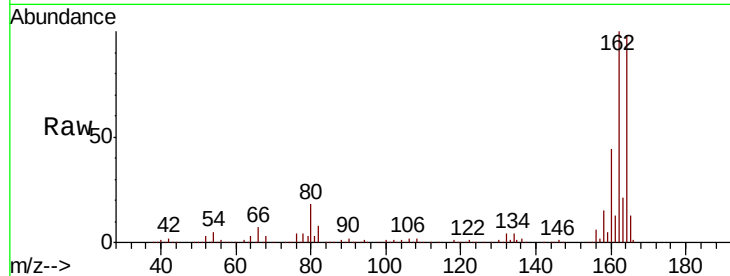




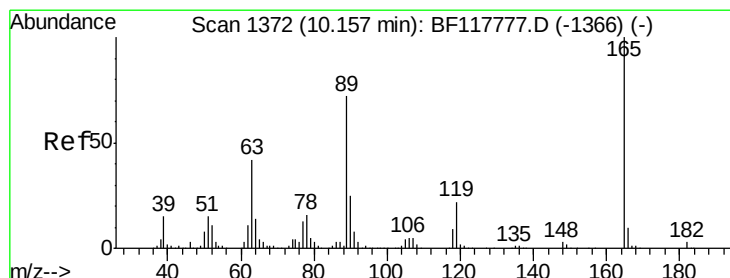
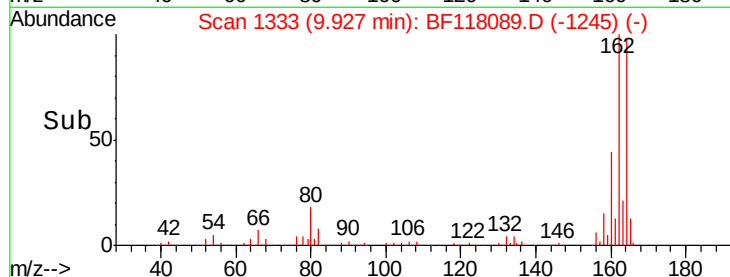
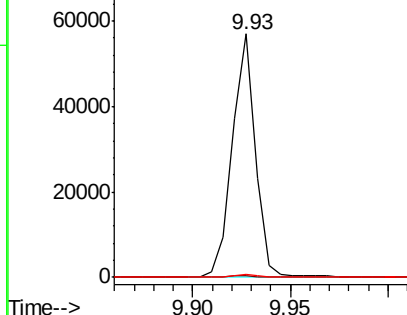
#51
 2,6-Dinitrotoluene
 Concen: 8.550 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.22 min
 Lab File: BF118089.D
 Acq: 4 Dec 2019 16:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.9	65.9#
89	1.4	45.5	68.3#



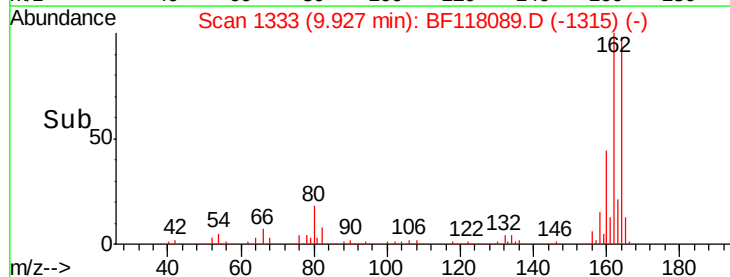
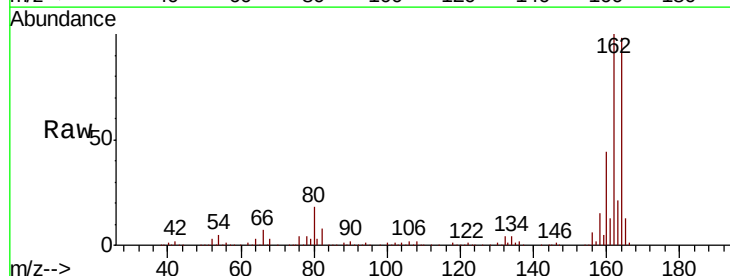
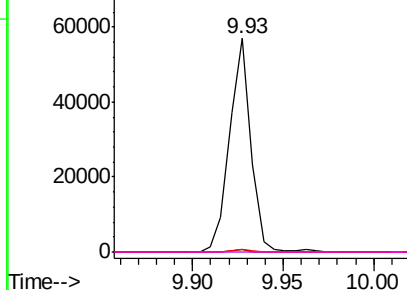
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

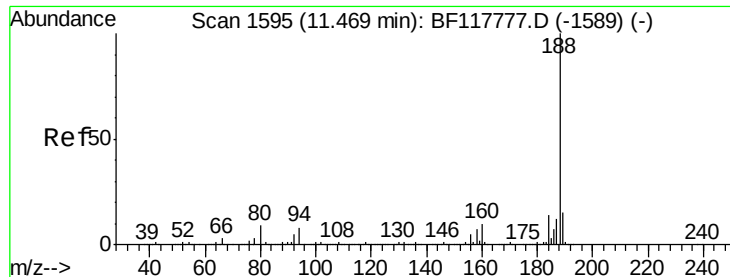


#57
 2,4-Dinitrotoluene
 Concen: 6.722 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF118089.D
 Acq: 4 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	26.5	39.7#
89	1.4	47.2	70.8#
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

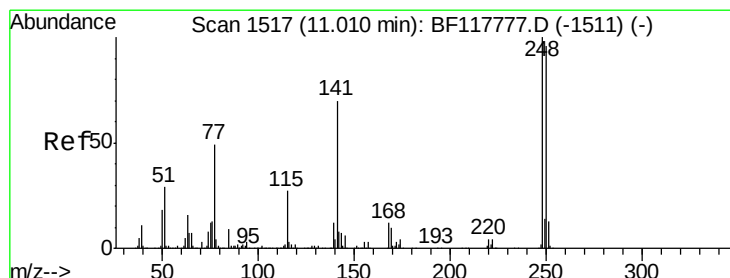
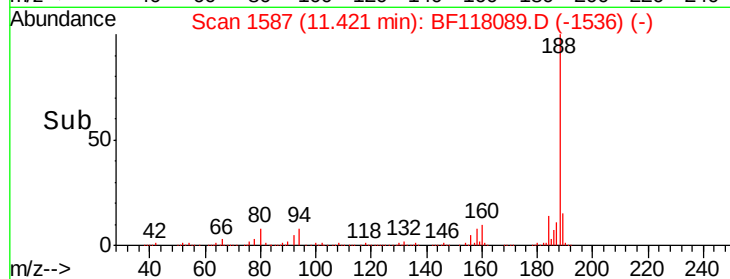
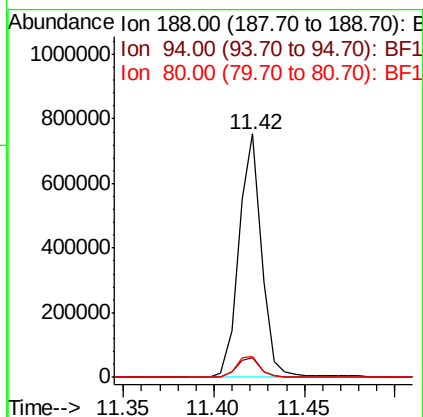
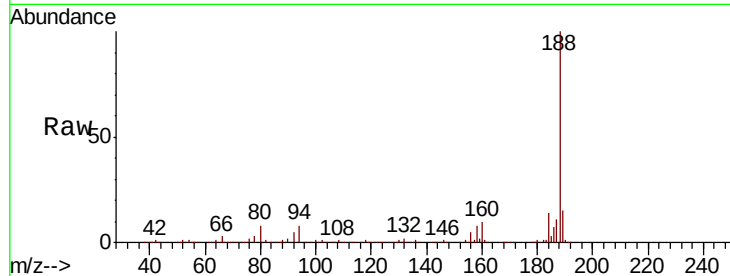




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

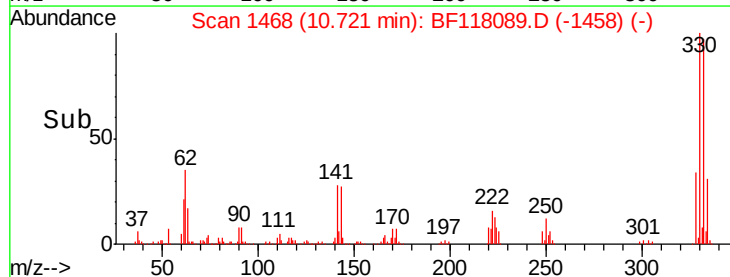
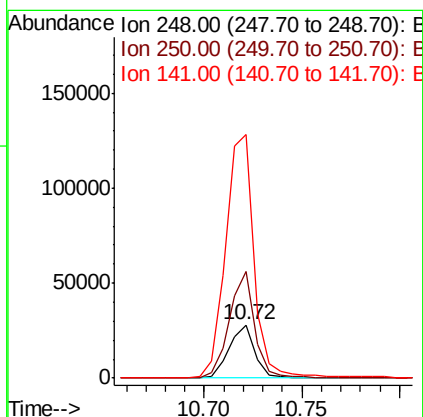
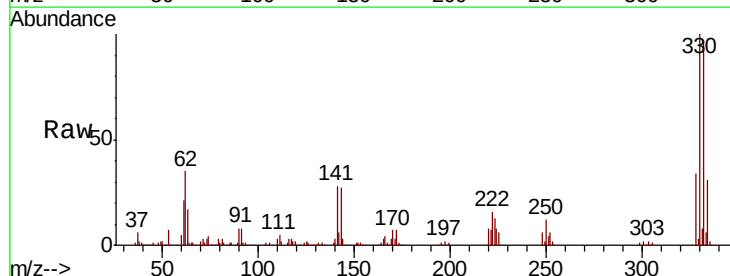
Instrument :
BNA_F
ClientSampleId :

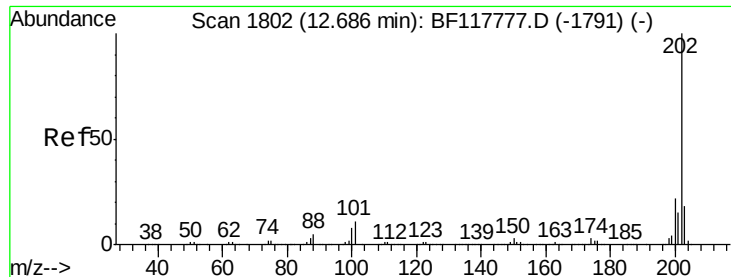
Tot Ion:188 Resp: 654850
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.644 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion:248 Resp: 25746
Ion Ratio Lower Upper
248 100
250 198.7 78.0 117.0#
141 455.3 64.0 96.0#

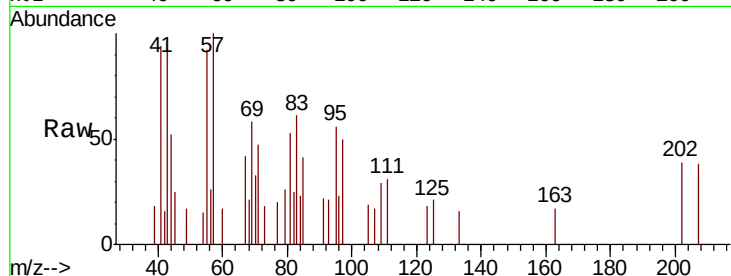




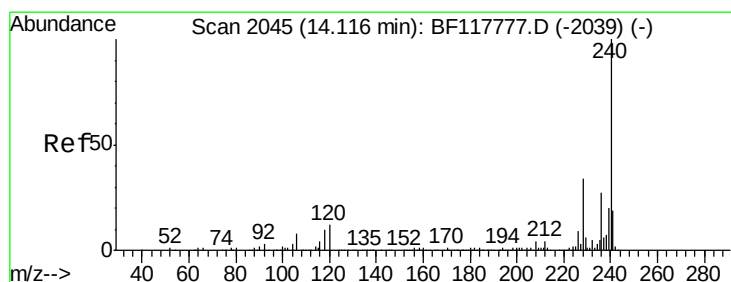
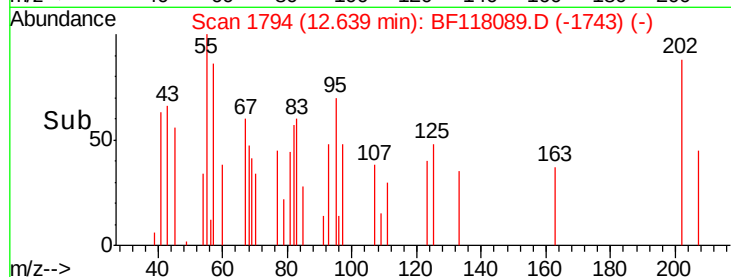
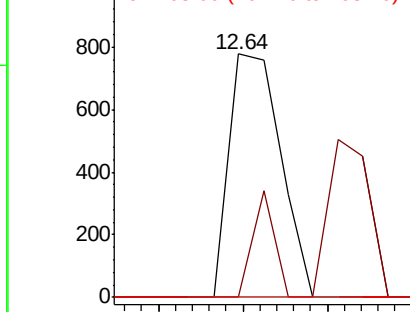
#75
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	37.6

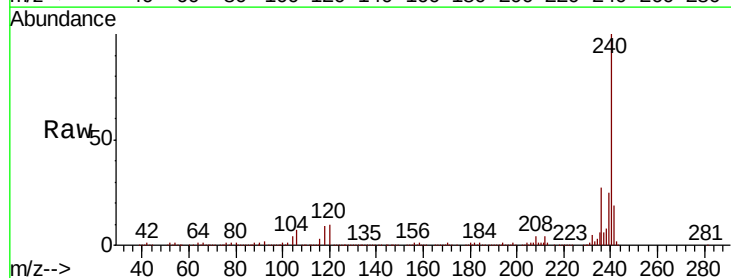


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

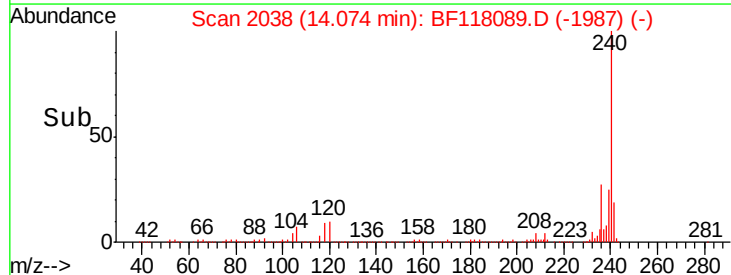
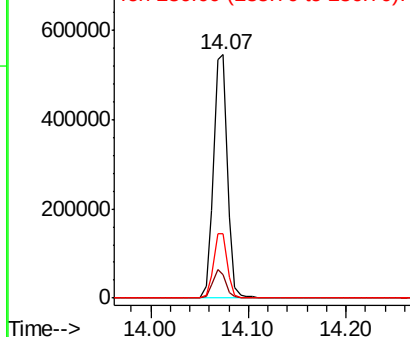


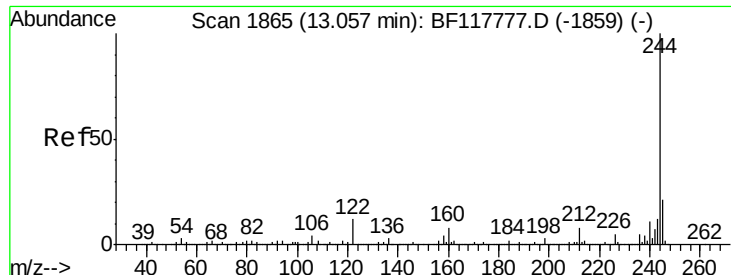
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF118089.D
Acq: 4 Dec 2019 16:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.7	20.6	31.0



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: 60.970 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

Instrument :

BNA_F

ClientSampleId :

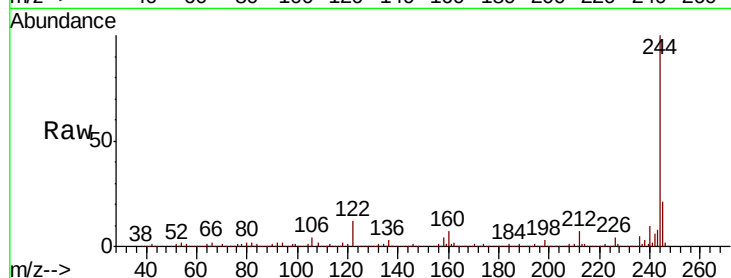
Tot Ion:244 Resp: 1807077

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.2	7.8
122	11.9	7.2	10.8

244 100

212 7.1 5.2 7.8

122 11.9 7.2 10.8

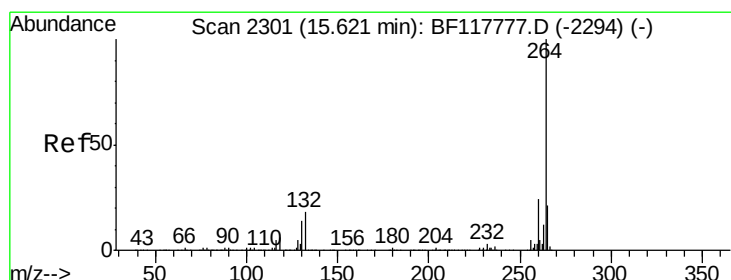
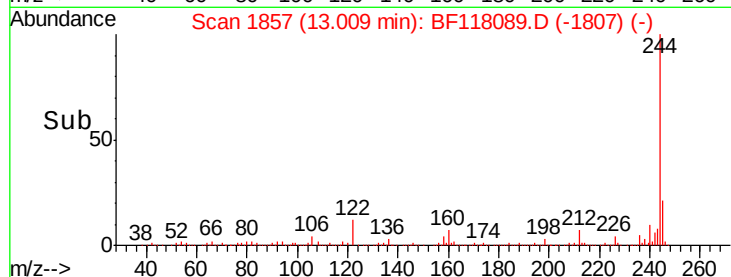
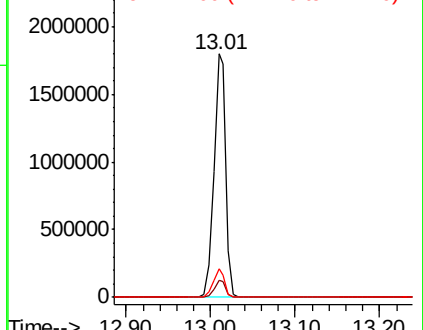


Abundance

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: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF118089.D

Acq: 4 Dec 2019 16:36

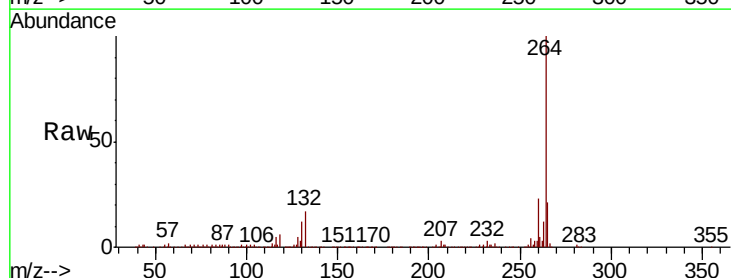
Tgt Ion:264 Resp: 454296

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.1	16.4	24.6

264 100

260 23.1 19.0 28.6

265 21.1 16.4 24.6



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

