

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110445.D
 Acq On : 3 Nov 2018 7:36
 Operator : JU/SJ
 Sample : J5789-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:46:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

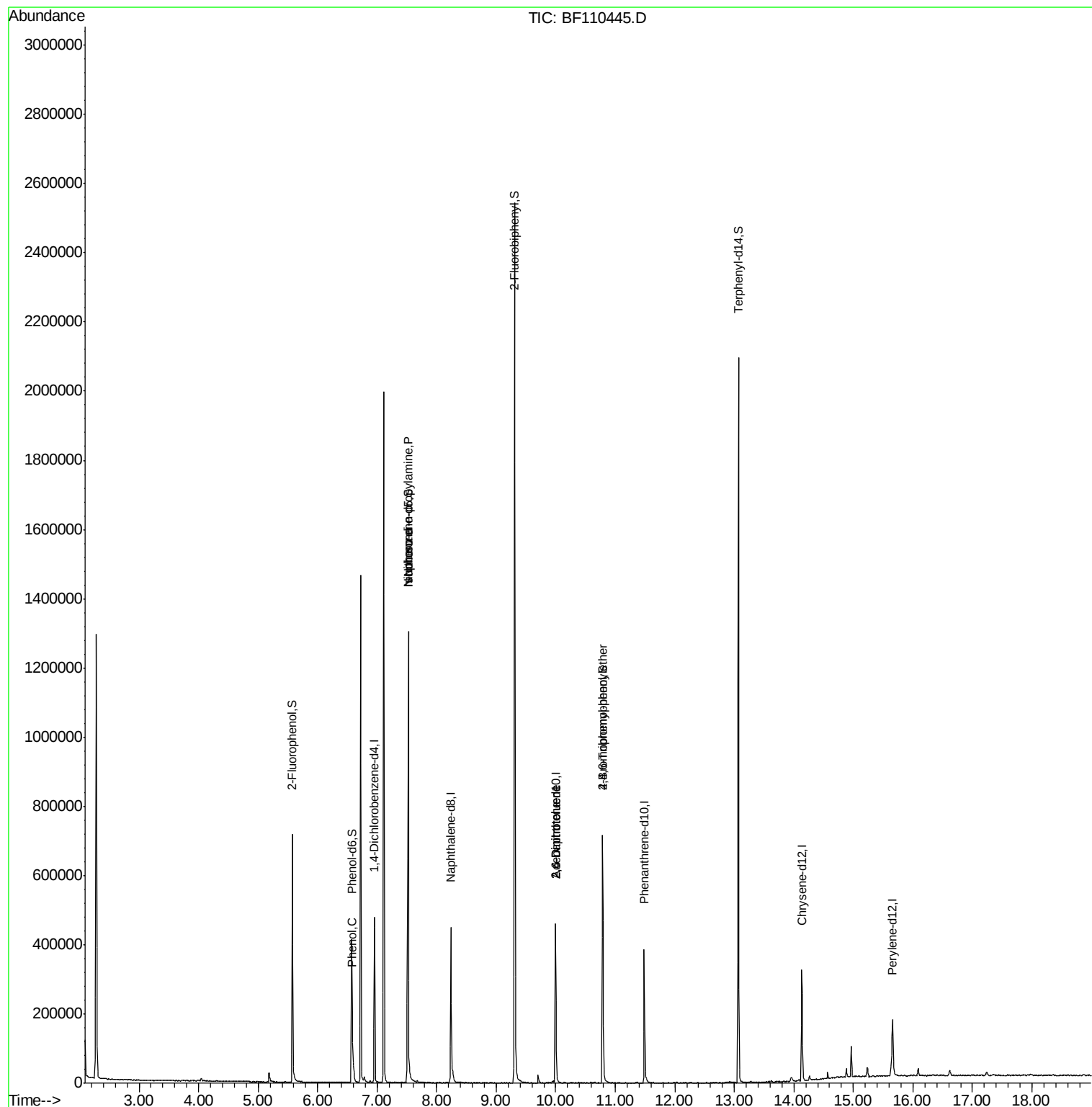
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	74350	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	264354	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	108373	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	183294	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124442	20.00	ng	0.00
87) Perylene-d12	15.66	264	90519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	196498	43.04	ng	0.00
7) Phenol-d6	6.57	99	150183	25.72	ng	0.00
23) Nitrobenzene-d5	7.52	82	489522	109.83	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	89691	83.55	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	819534	118.75	ng	0.00
79) Terphenyl-d14	13.07	244	728096	121.68	ng	0.00
Target Compounds						
10) Phenol	6.59	94	19217	3.078	ng	# 68
19) n-Nitroso-di-n-propylamine	7.52	70	63973	17.075	ng	# 78
25) Isophorone	7.52	82	489518	64.433	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	13870	8.049	ng	# 22
57) 2,4-Dinitrotoluene	10.00	165	13870	6.337	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	5816	2.925	ng	# 1

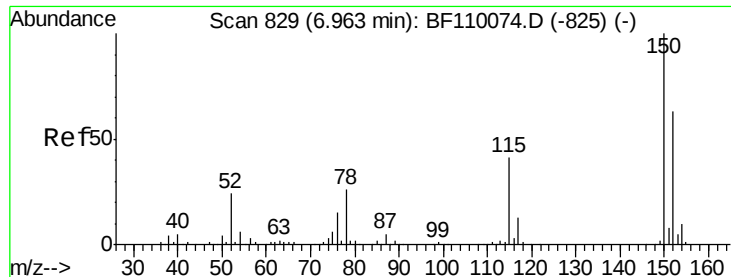
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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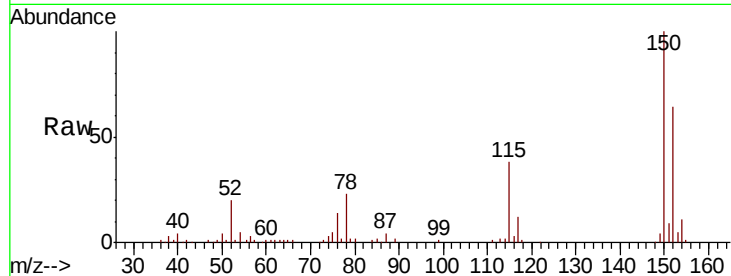


#1

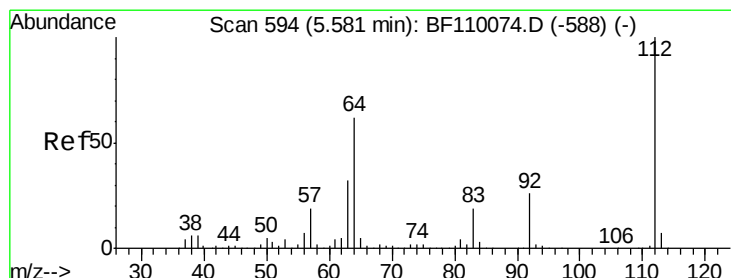
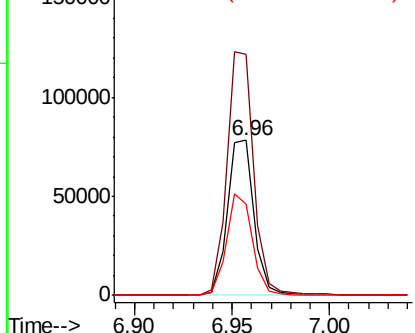
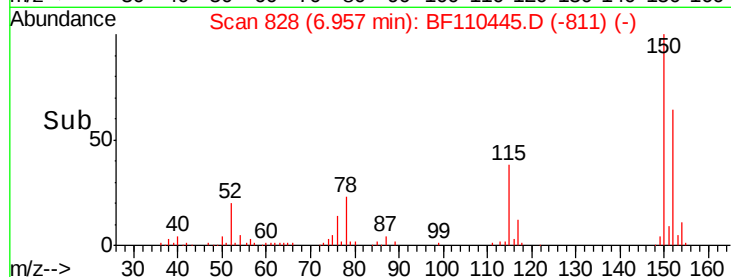
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74350
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 59.0 49.1 73.7



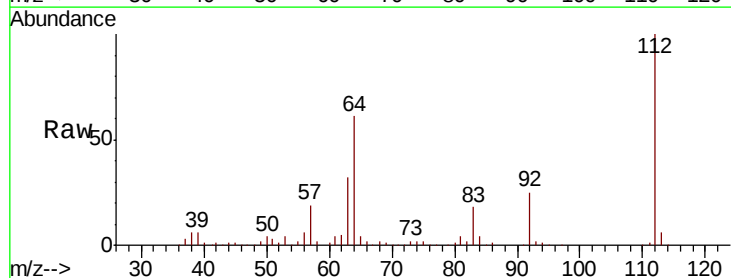
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



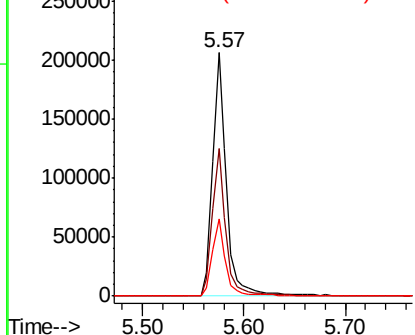
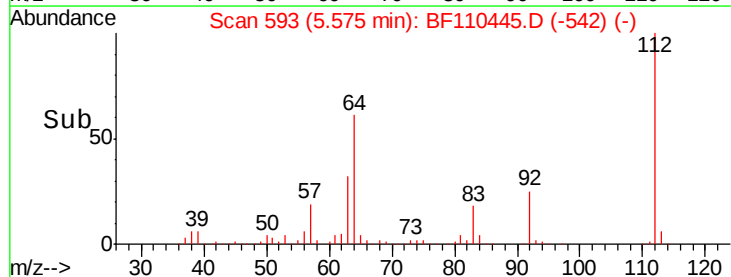
#5

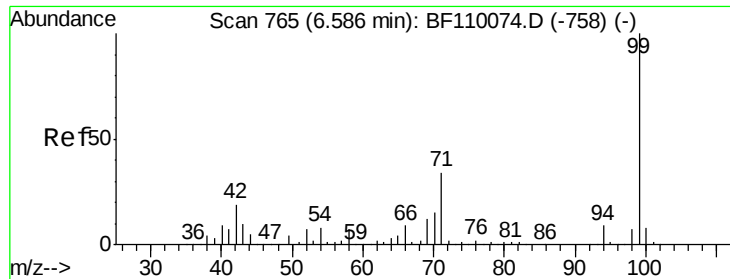
2-Fluorophenol
Concen: 43.038 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Tgt Ion:112 Resp: 196498
Ion Ratio Lower Upper
112 100
64 60.9 44.1 66.1
63 31.8 23.7 35.5



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: 25.717 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110445.D

Acq: 3 Nov 2018 7:36

Instrument :

BNA_F

ClientSampleId :

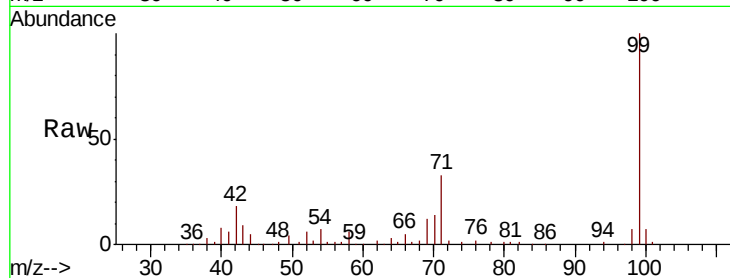
Tot Ion: 99 Resp: 150183

Ion Ratio Lower Upper

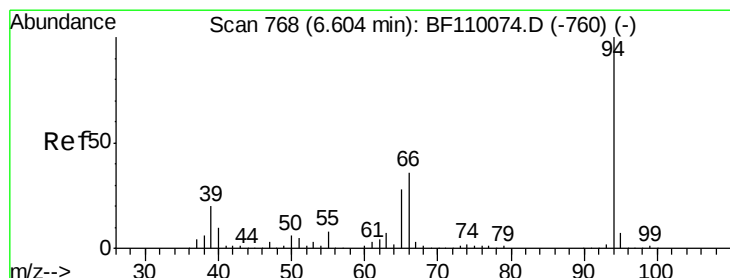
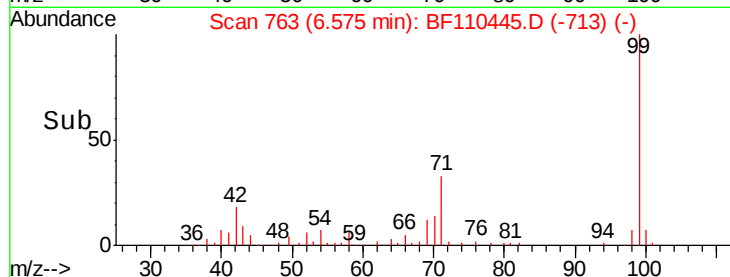
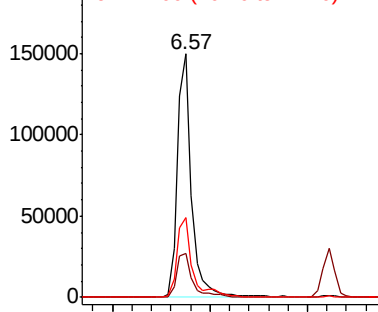
99 100

42 18.2 15.8 23.6

71 32.6 28.0 42.0



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



#10

Phenol

Concen: 3.078 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110445.D

Acq: 3 Nov 2018 7:36

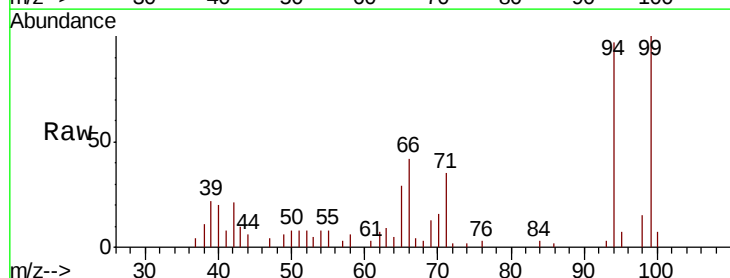
Tgt Ion: 94 Resp: 19217

Ion Ratio Lower Upper

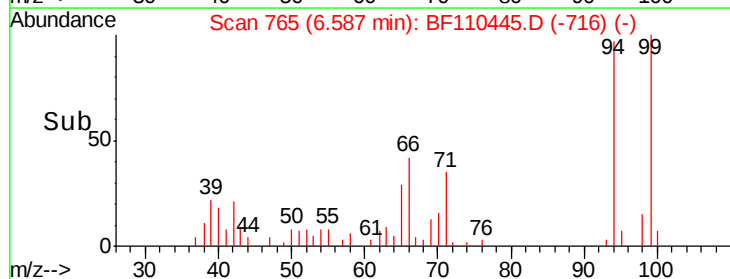
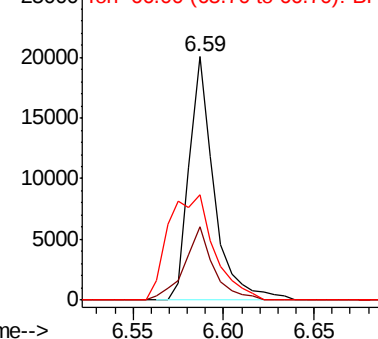
94 100

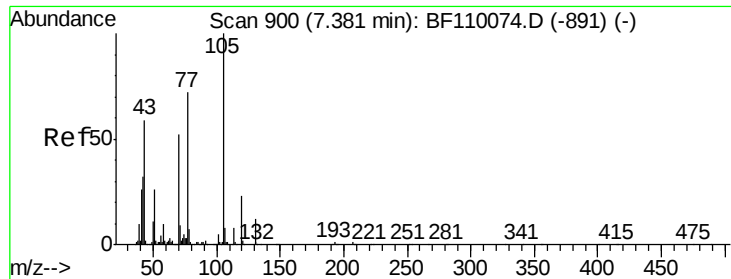
65 30.3 25.3 65.3

66 43.1 54.5 94.5#



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

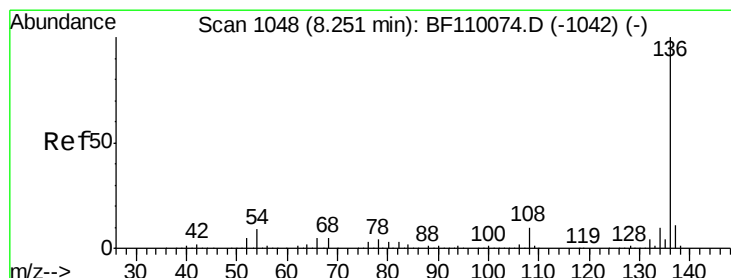
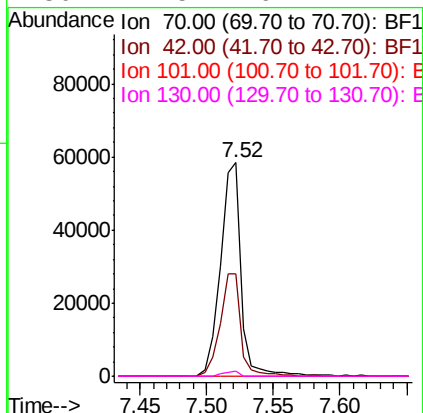
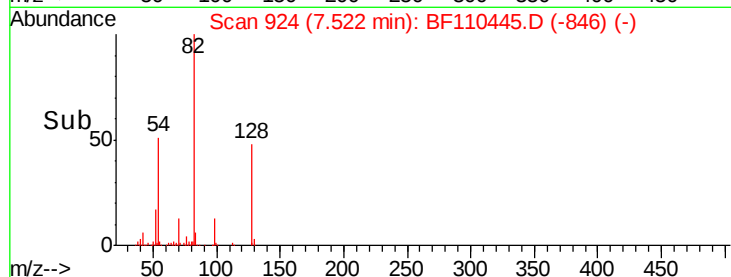
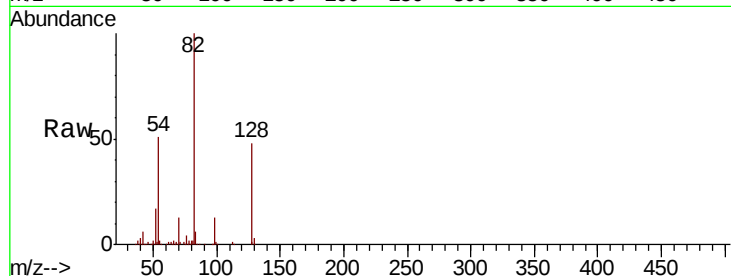




#19
n-Nitroso-di-n-propylamine
Concen: 17.075 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

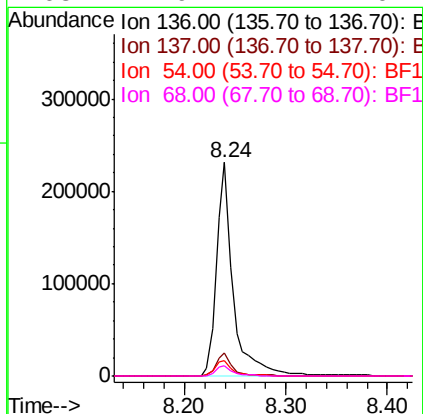
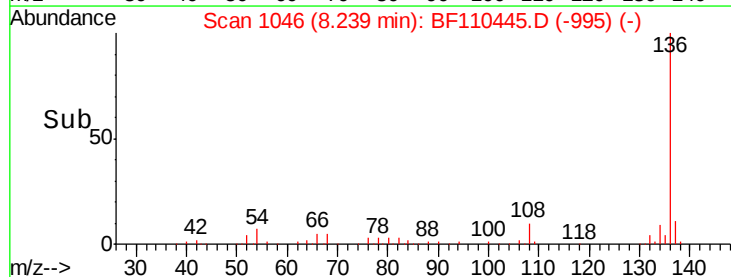
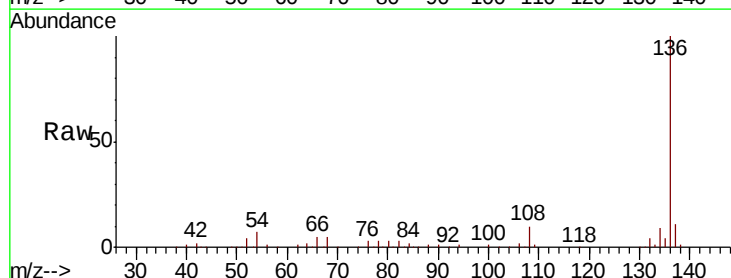
Instrument :
BNA_F
ClientSampleId :

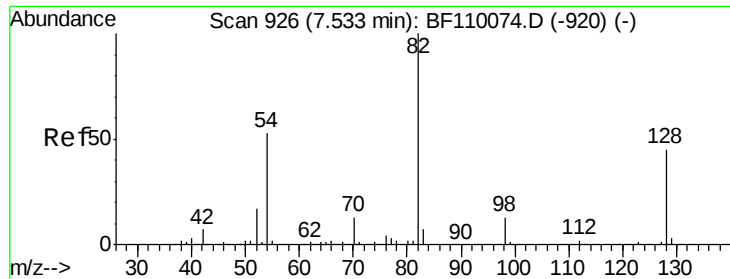
Tot Ion: 70 Resp: 63973
Ion Ratio Lower Upper
70 100
42 47.7 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Tgt Ion: 136 Resp: 264354
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 5.4 8.2
68 4.9 4.2 6.2

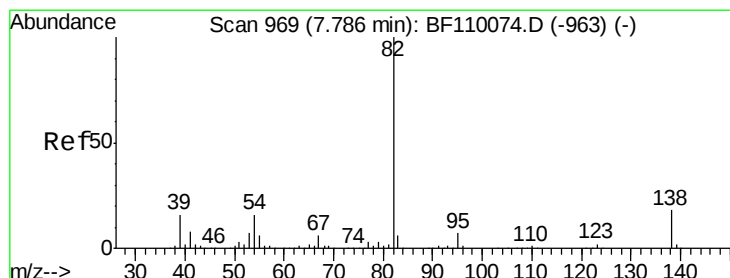
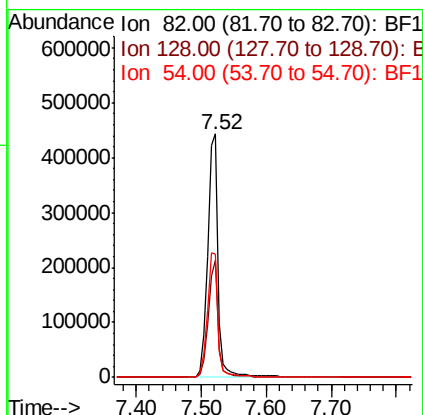
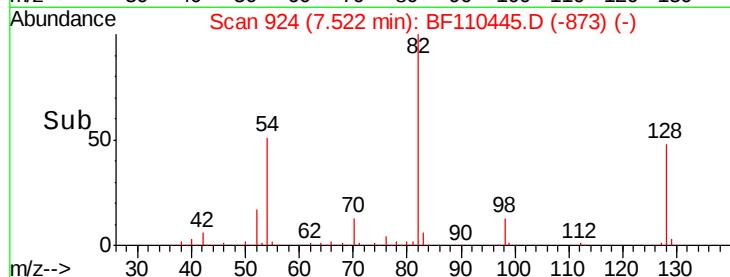
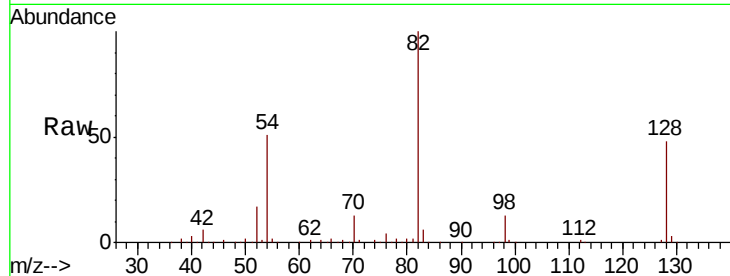




#23
Nitrobenzene-d5
Concen: 109.834 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

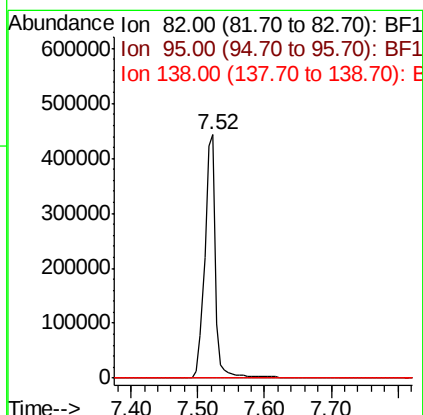
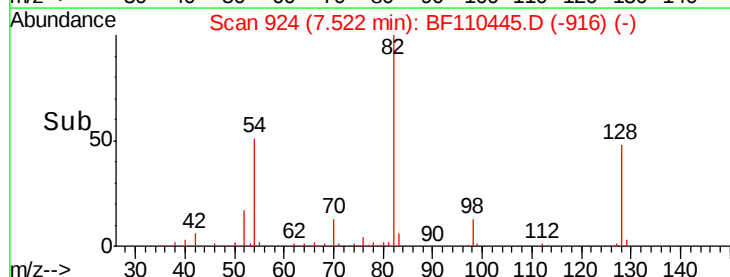
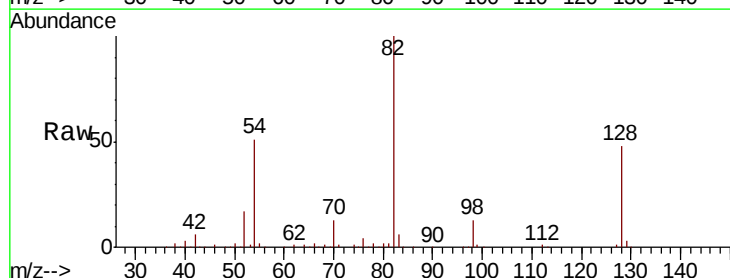
Instrument :
BNA_F
ClientSampled :

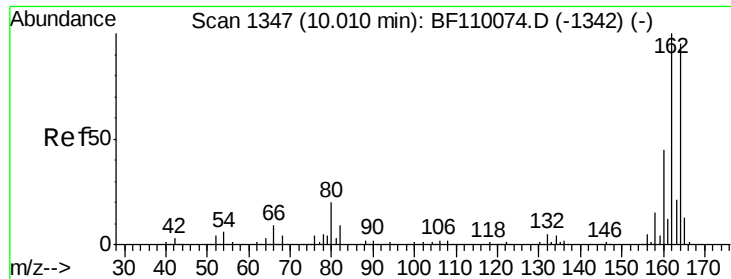
Tot Ion: 82 Resp: 489522
Ion Ratio Lower Upper
82 100
128 47.8 34.2 51.2
54 50.8 38.6 58.0



#25
Isophorone
Concen: 64.433 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Tgt Ion: 82 Resp: 489518
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

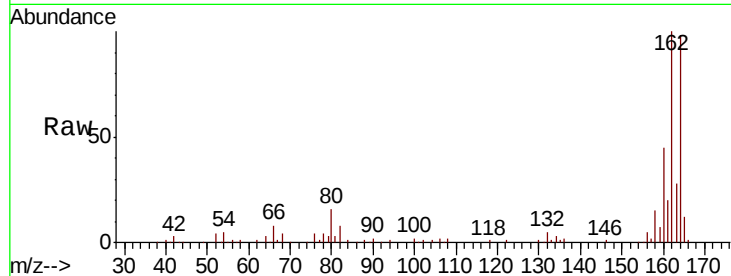




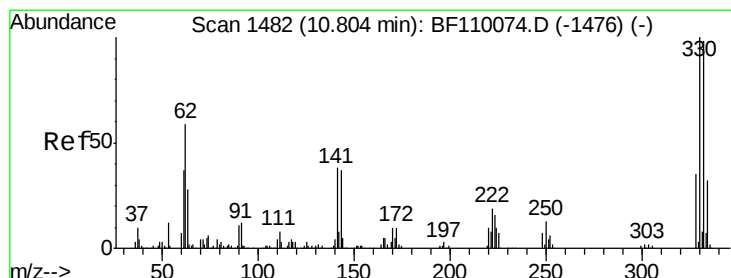
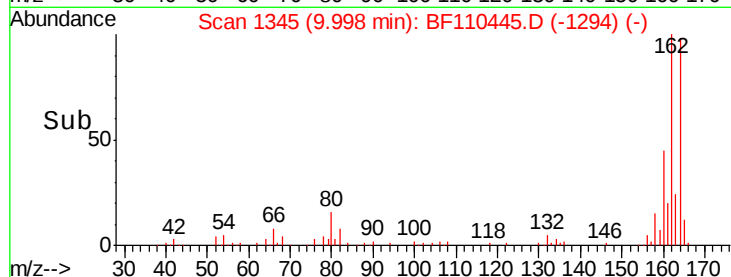
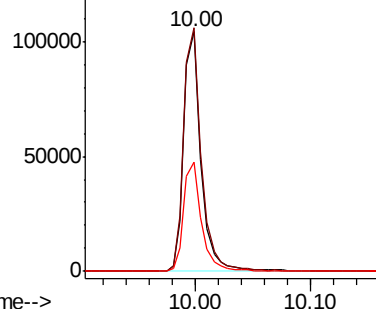
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 108373
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.6
160 45.6 37.0 55.6

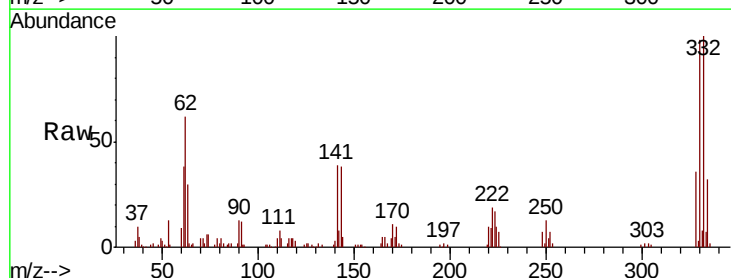


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

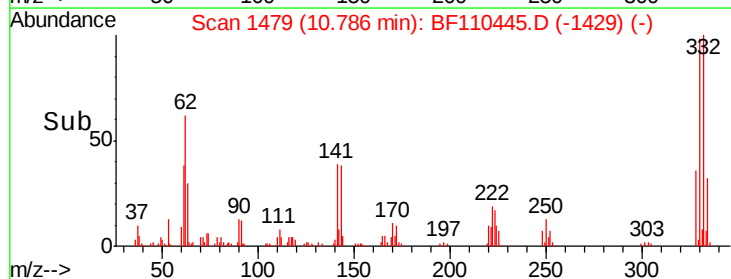
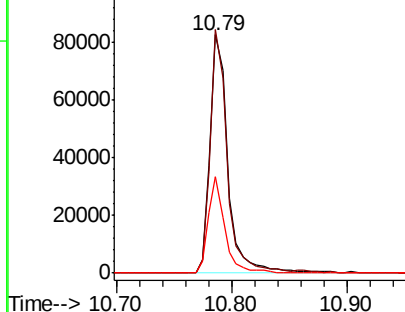


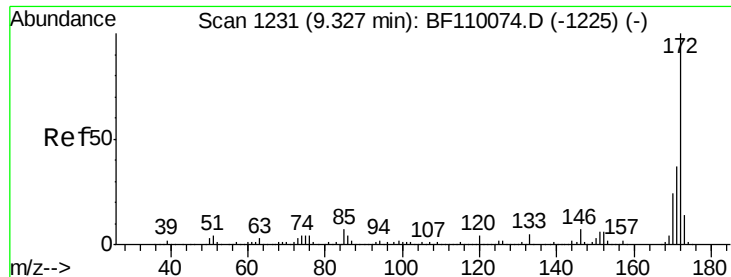
#42
2,4,6-Tribromophenol
Concen: 83.550 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Tgt Ion:330 Resp: 89691
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 37.3 27.0 40.4



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

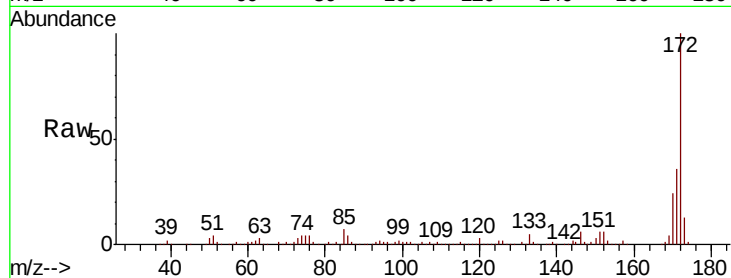




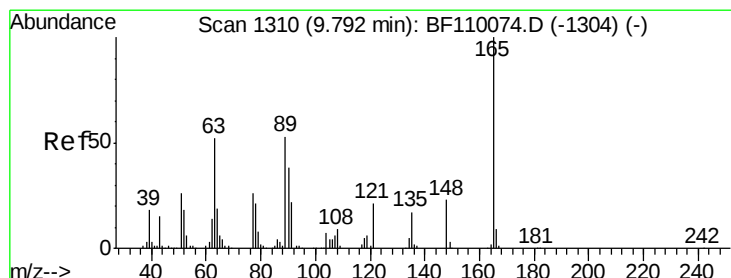
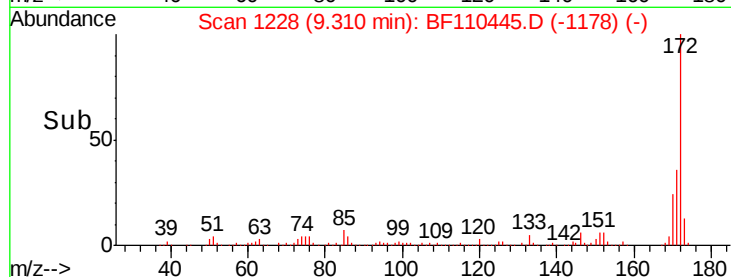
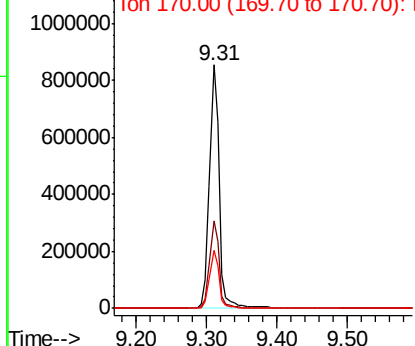
#45
 2-Fluorobiphenyl
 Concen: 118.745 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110445.D
 Acq: 3 Nov 2018 7:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 819534
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.9 19.7 29.5

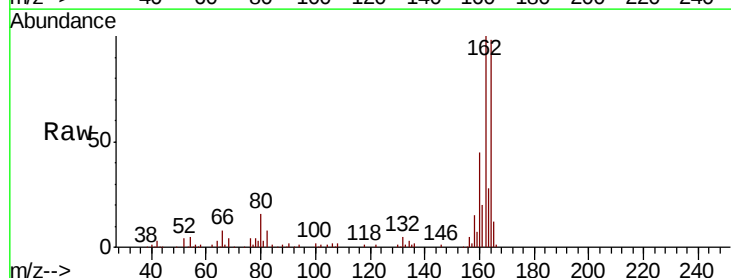


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

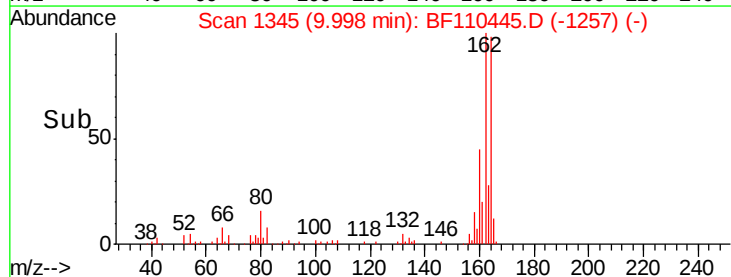
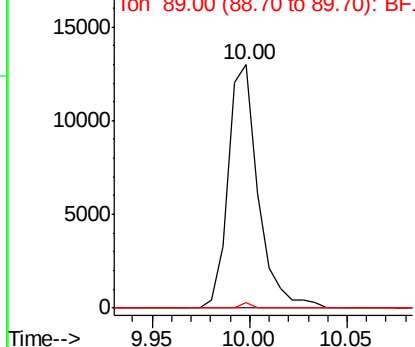


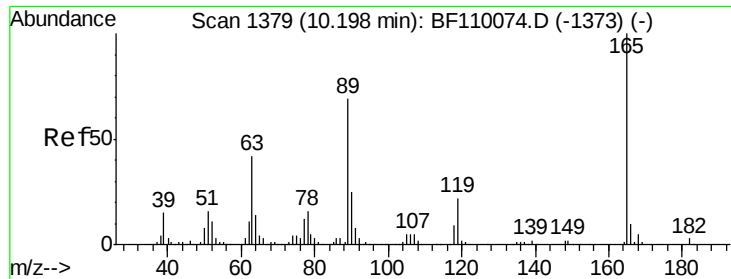
#51
 2,6-Dinitrotoluene
 Concen: 8.049 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110445.D
 Acq: 3 Nov 2018 7:36

Tgt Ion:165 Resp: 13870
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 2.4 46.6 69.8#



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

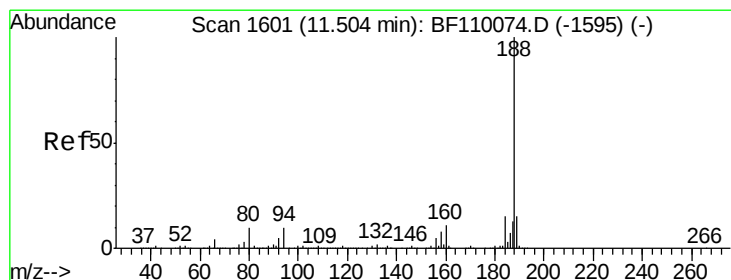
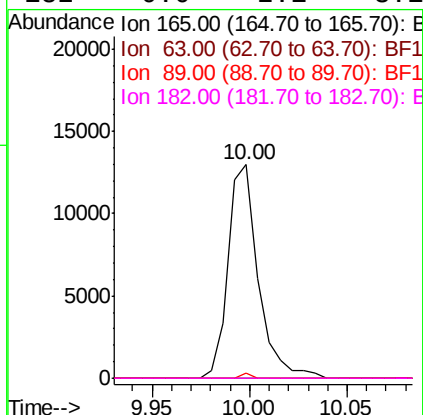
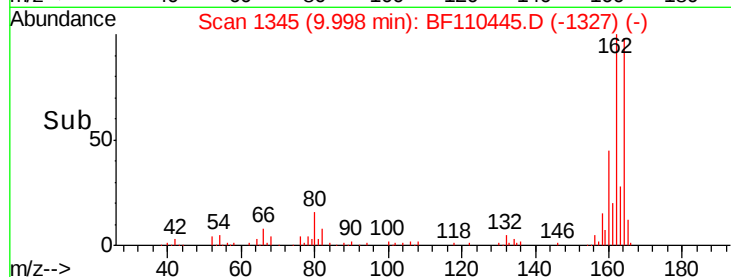
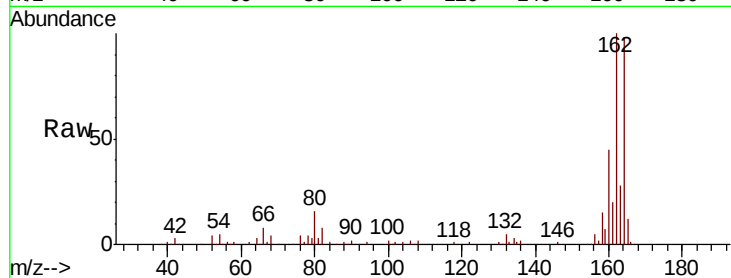




#57
 2,4-Dinitrotoluene
 Concen: 6.337 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110445.D
 Acq: 3 Nov 2018 7:36

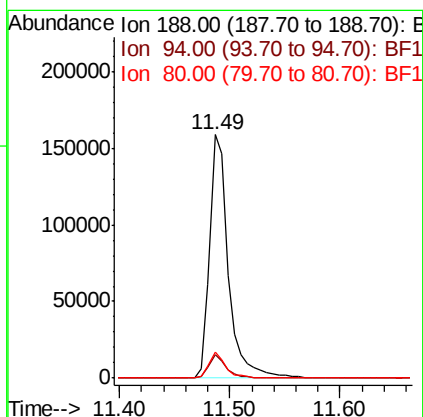
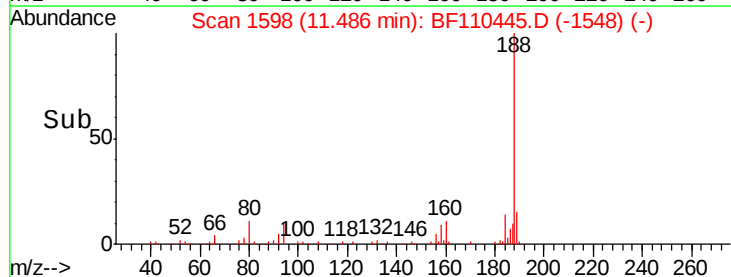
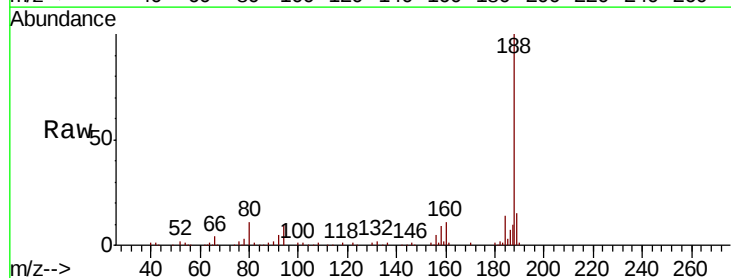
Instrument :
 BNA_F
 ClientSampleId :

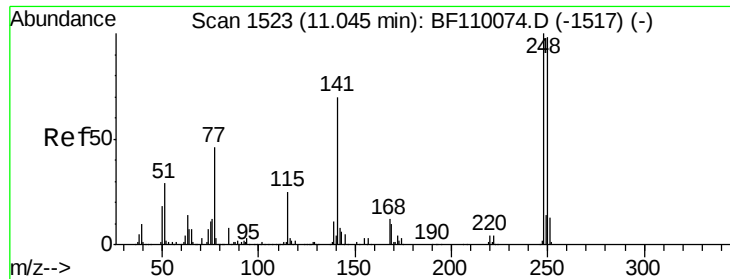
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.4	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110445.D
 Acq: 3 Nov 2018 7:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.5	7.9	11.9

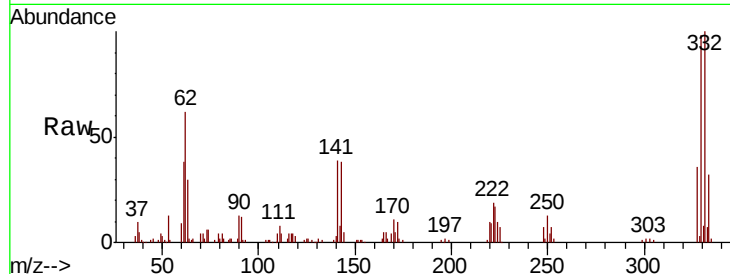




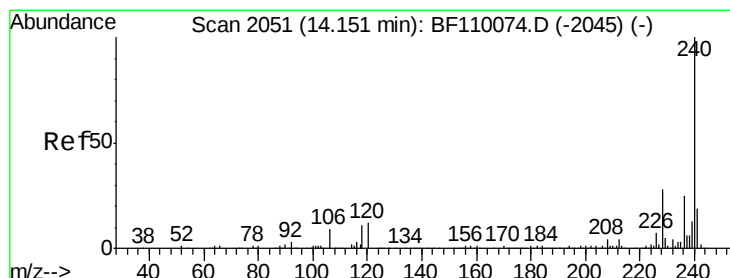
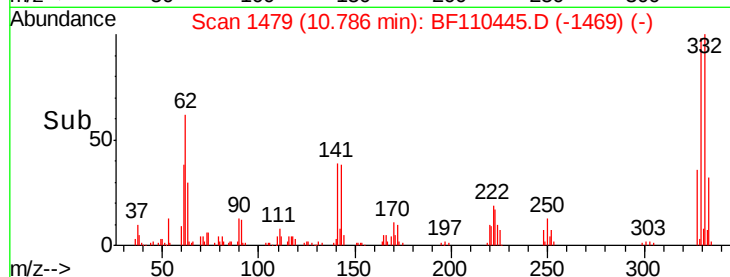
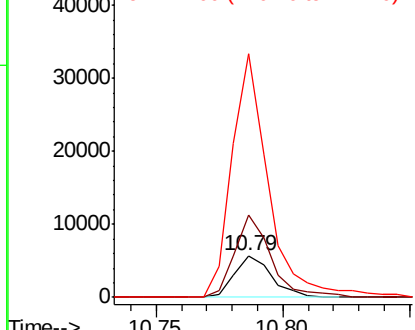
#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5816
Ion Ratio Lower Upper
248 100
250 198.6 79.4 119.2#
141 584.2 55.9 83.9#

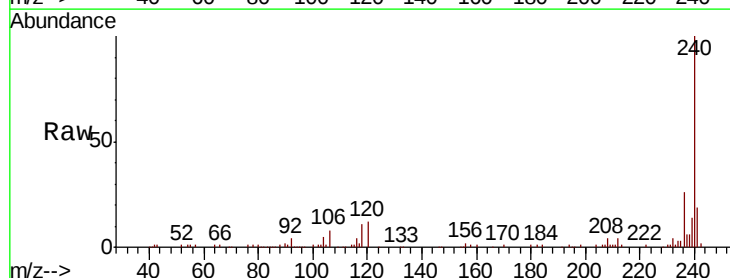


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

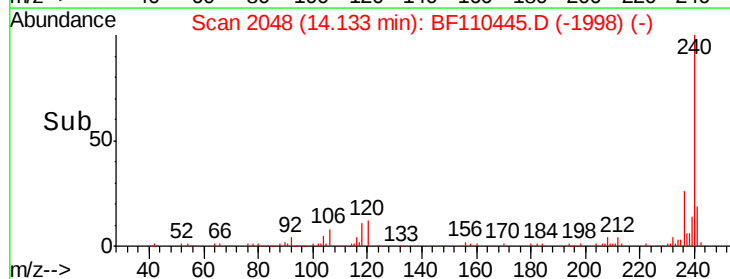
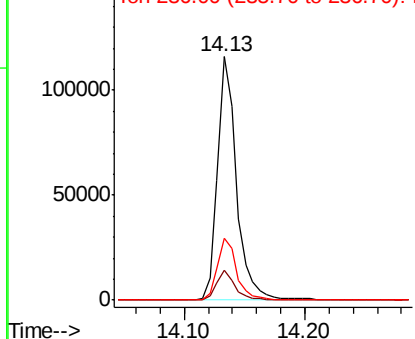


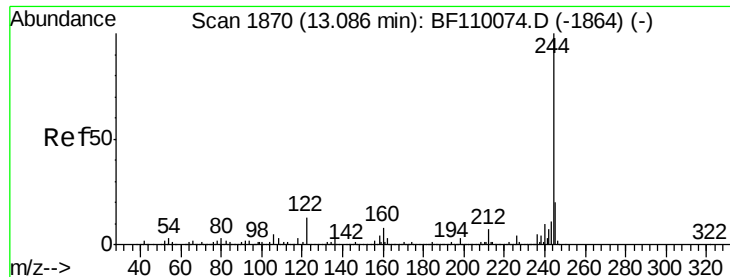
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110445.D
Acq: 3 Nov 2018 7:36

Tgt Ion:240 Resp: 124442
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.6 21.2 31.8



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: 121.682 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110445.D

Acq: 3 Nov 2018 7:36

Instrument :

BNA_F

ClientSampleId :

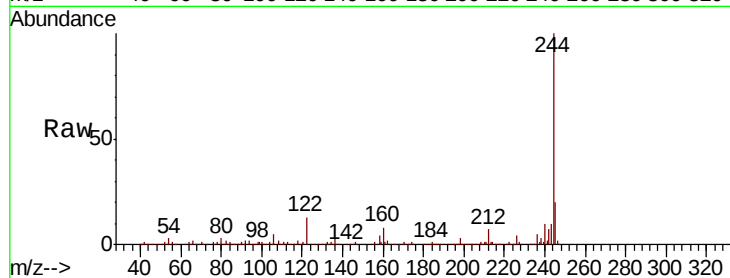
Tot Ion:244 Resp: 728096

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

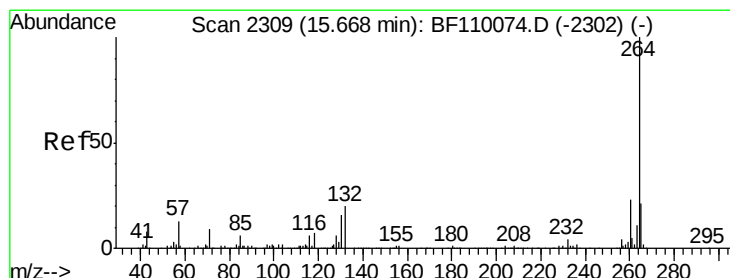
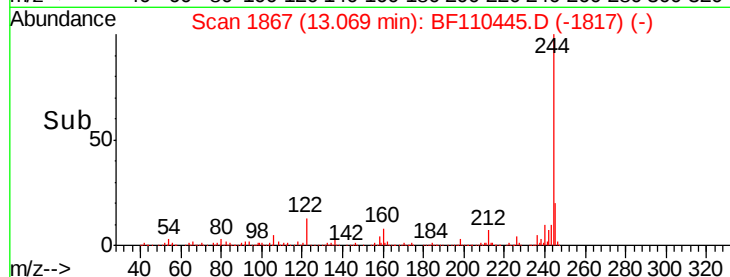
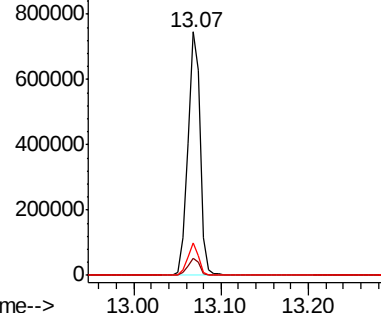
122 13.1 8.7 13.1#



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110445.D

Acq: 3 Nov 2018 7:36

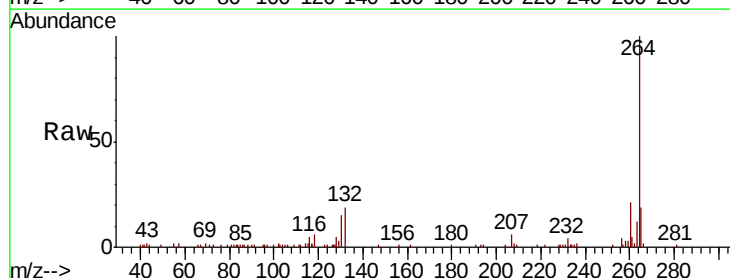
Tgt Ion:264 Resp: 90519

Ion Ratio Lower Upper

264 100

260 21.1 18.7 28.1

265 19.5 16.7 25.1



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

