

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110383.D
 Acq On : 1 Nov 2018 22:22
 Operator : JU/SJ
 Sample : J5755-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:13:29 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

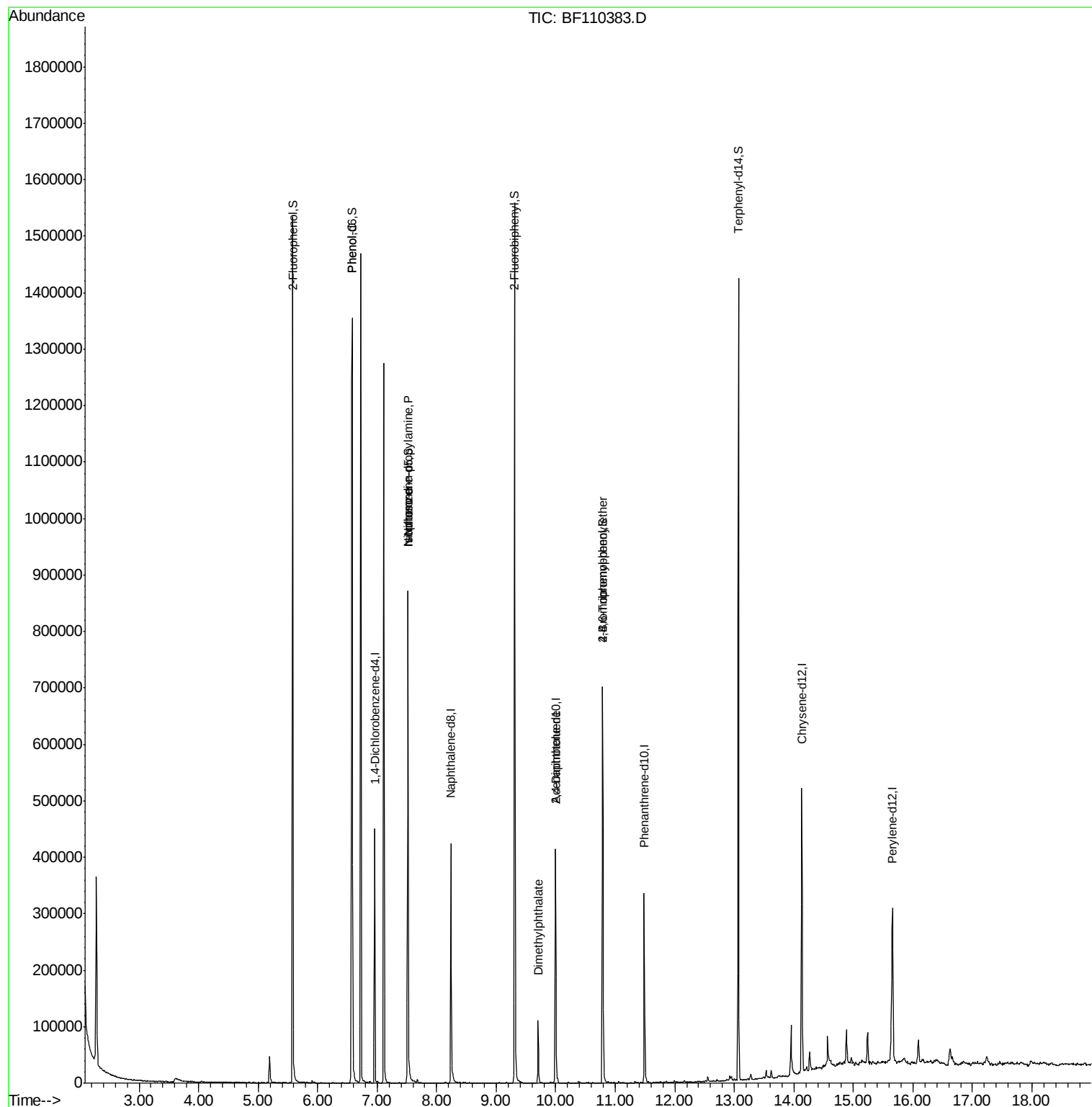
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62622	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	221342	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	82620	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	148954	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163788	20.00	ng	0.00
87) Perylene-d12	15.66	264	129588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	397623	103.40	ng	0.00
7) Phenol-d6	6.58	99	479340	97.45	ng	0.00
23) Nitrobenzene-d5	7.52	82	288758	77.38	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	81384	99.44	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	464250	88.23	ng	0.00
79) Terphenyl-d14	13.07	244	442728	56.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1016	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	26379	5.017 ng		81
19) n-Nitroso-di-n-propylamine	7.52	70	37646	11.930 ng	#	80
25) Isophorone	7.52	82	288756	45.394 ng	#	67
50) Dimethylphthalate	9.70	163	51601	8.461 ng		99
57) 2,4-Dinitrotoluene	10.00	165	10049	6.022 ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	5158	3.192 ng	#	1

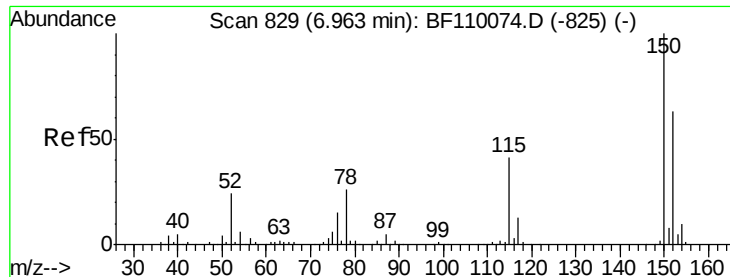
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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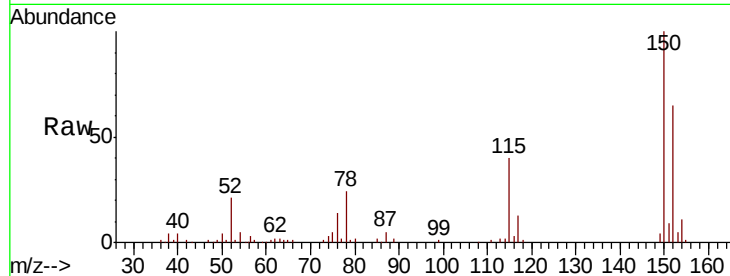


#1

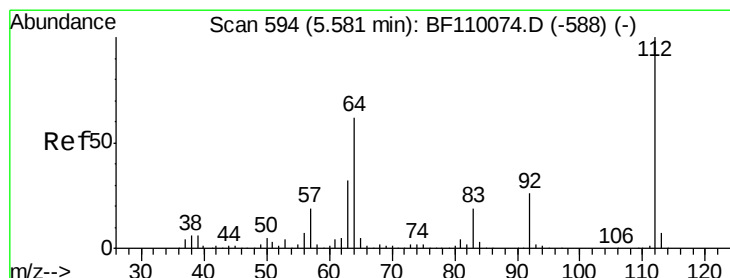
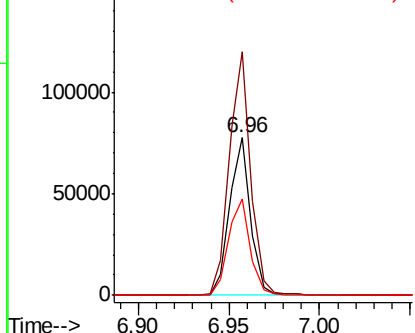
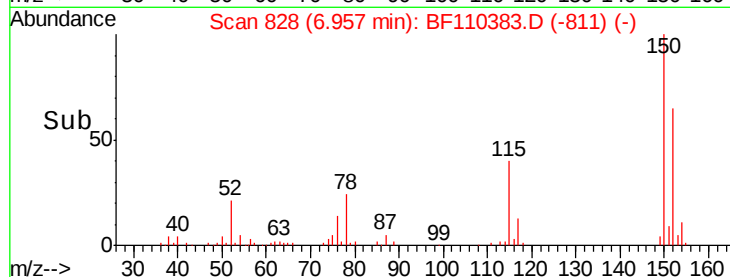
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110383.D
 Acq: 1 Nov 2018 22:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 62622
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.7 184.1
 115 61.2 49.1 73.7



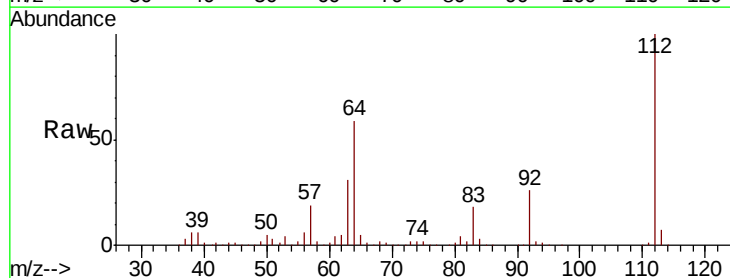
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



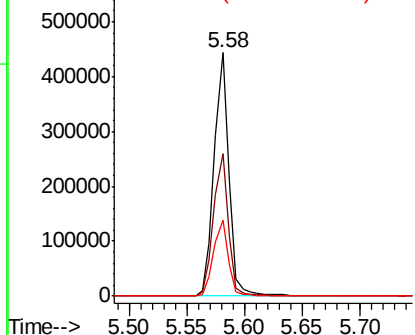
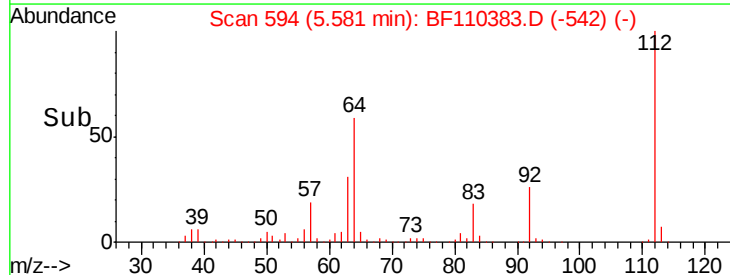
#5

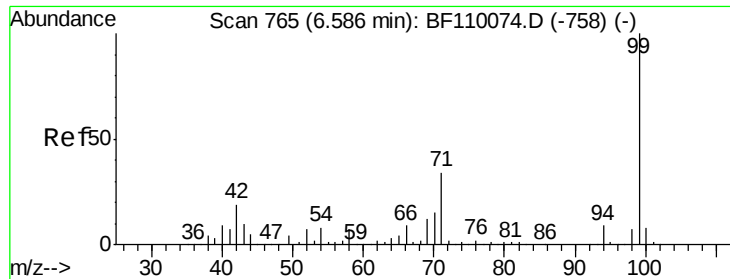
2-Fluorophenol
 Concen: 103.400 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF110383.D
 Acq: 1 Nov 2018 22:22

Tgt Ion:112 Resp: 397623
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.1 66.1
 63 31.0 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: 97.453 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

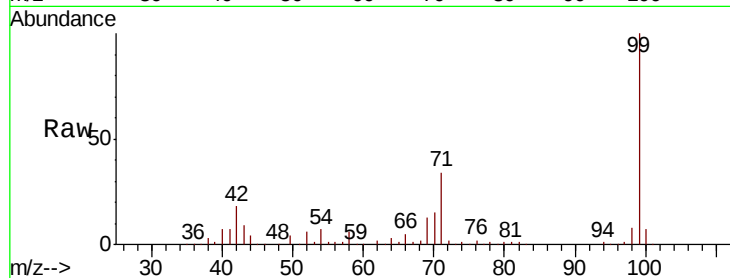
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 479340

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	33.8	28.0	42.0

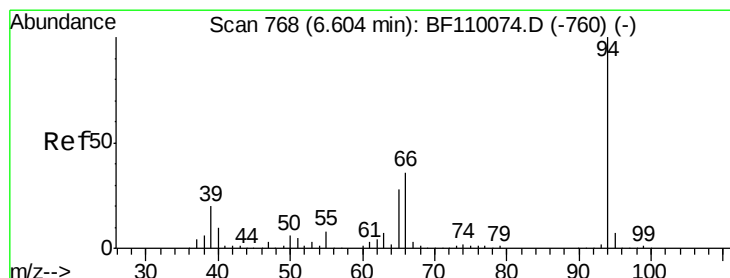
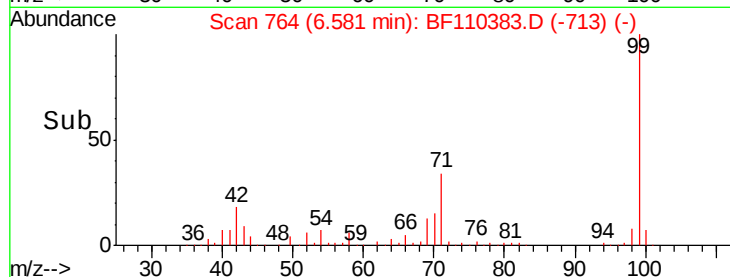


Abundance

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: 5.017 ng

RT: 6.59 min Scan# 765

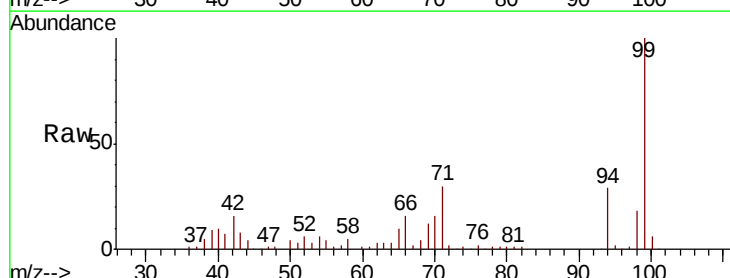
Delta R.T. -0.01 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

Tgt Ion: 94 Resp: 26379

Ion	Ratio	Lower	Upper
94	100		
65	34.8	25.3	65.3
66	56.2	54.5	94.5

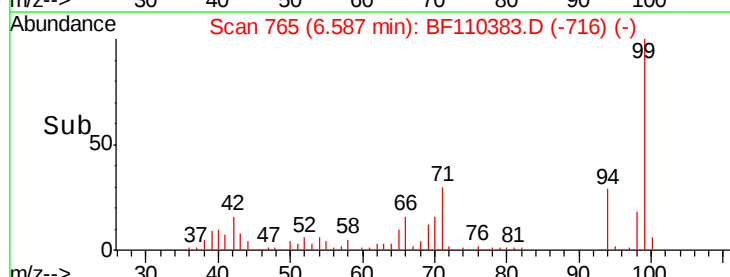


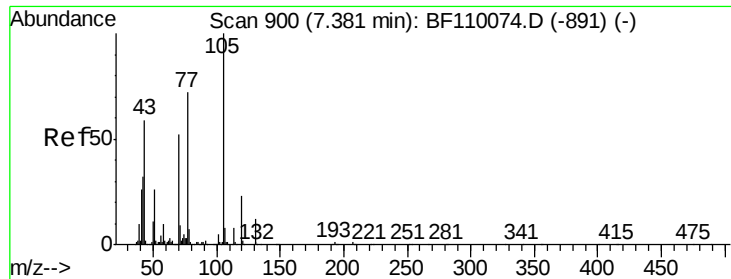
Abundance

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

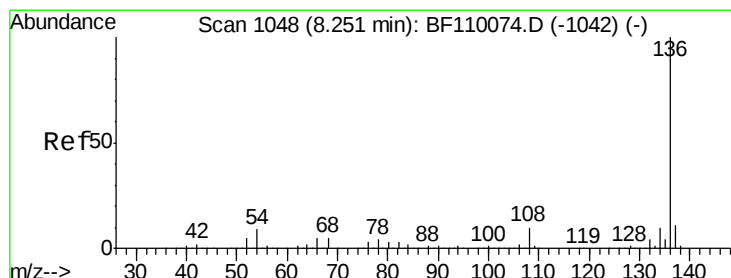
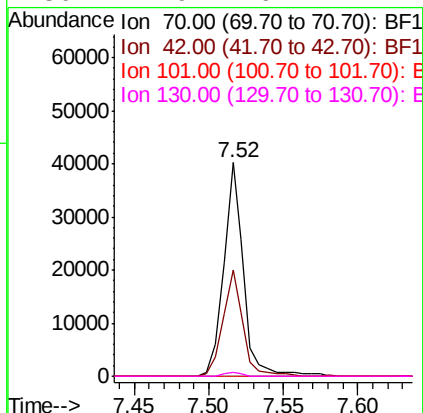
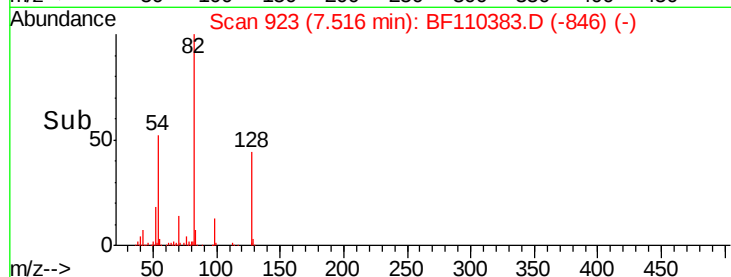
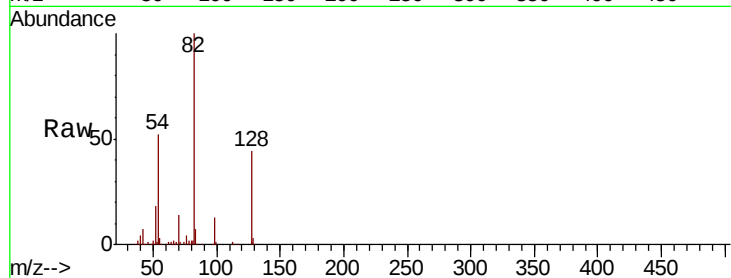




#19
n-Nitroso-di-n-propylamine
Concen: 11.930 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

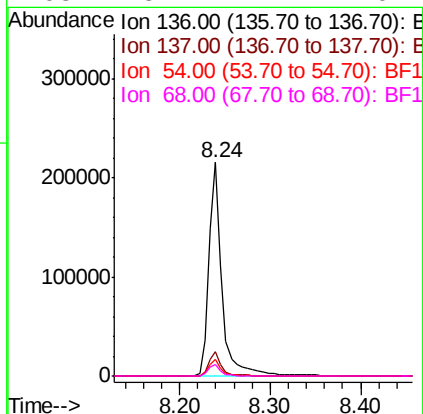
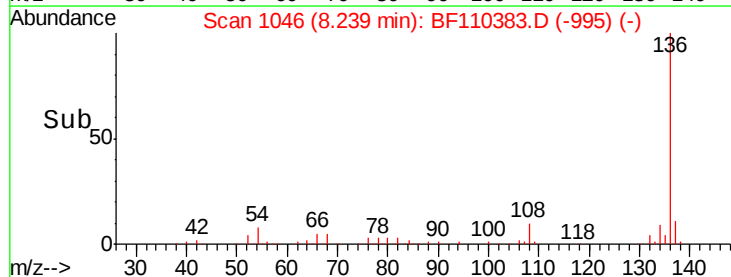
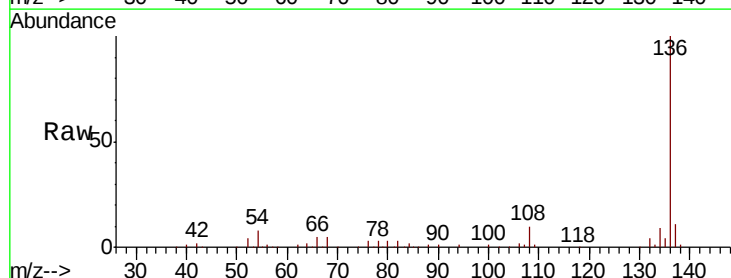
Instrument :
BNA_F
ClientSampleId :

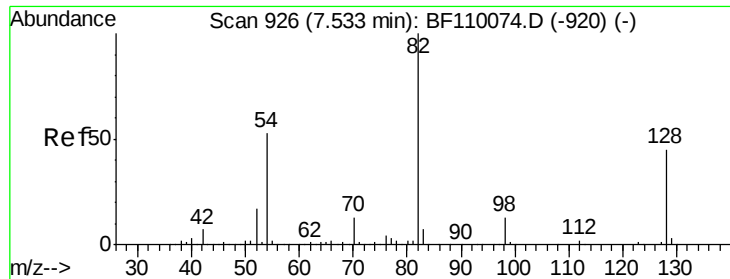
Tot Ion: 70 Resp: 37646
Ion Ratio Lower Upper
70 100
42 49.7 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Tgt Ion: 136 Resp: 221342
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.7 5.4 8.2
68 5.1 4.2 6.2

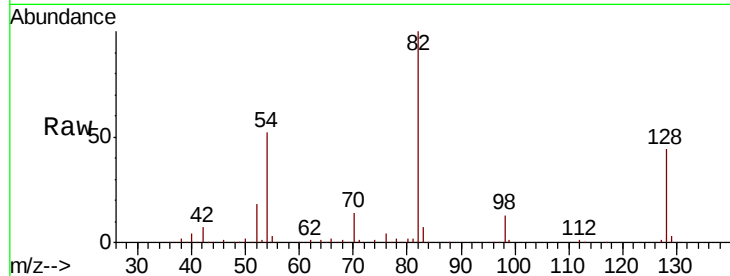




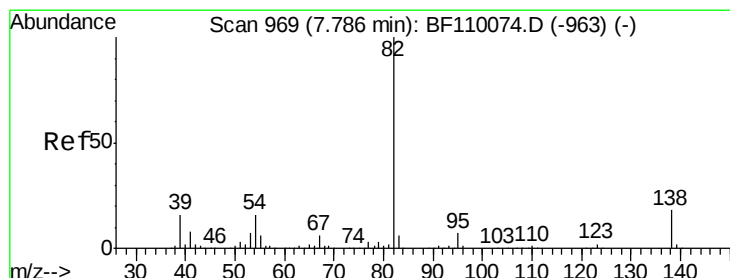
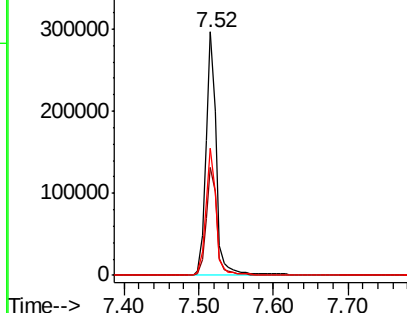
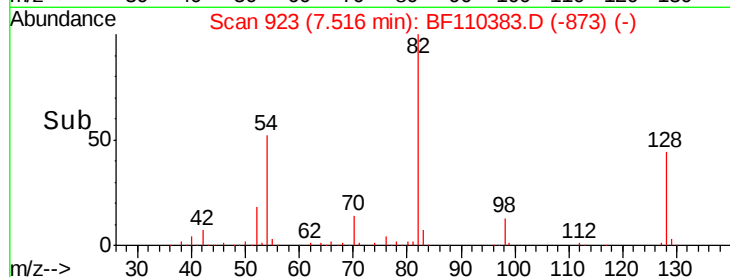
#23
Nitrobenzene-d5
Concen: 77.379 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	288758
Ion Ratio	Lower	Upper	
82	100		
128	44.5	34.2	51.2
54	52.4	38.6	58.0

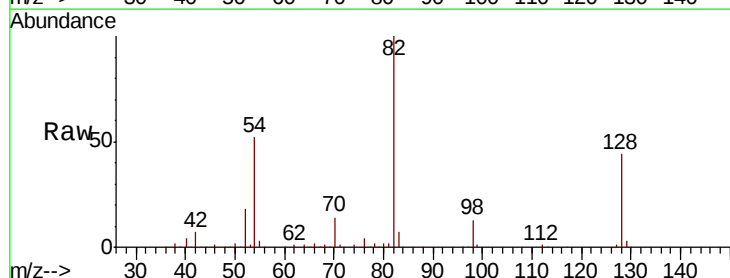


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

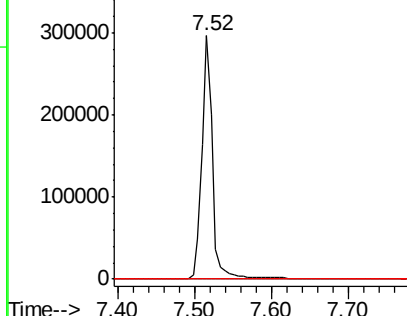
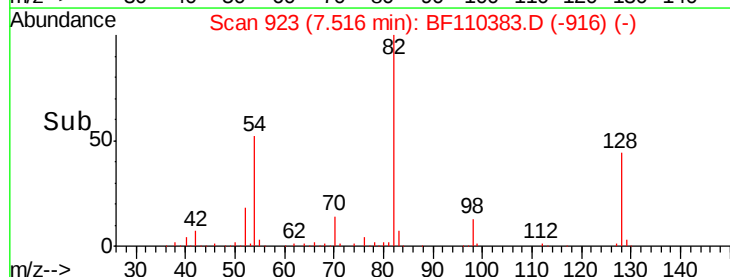


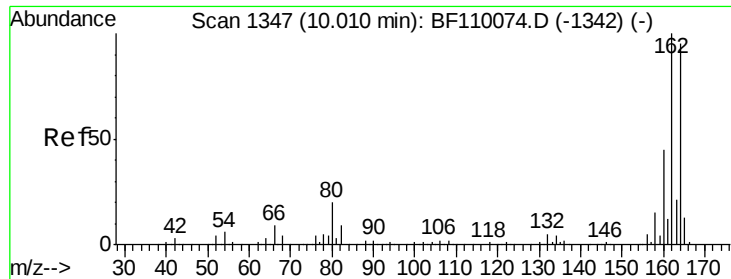
#25
Isophorone
Concen: 45.394 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Tgt Ion	82	Resp	288756
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

Instrument :

BNA_F

ClientSampleId :

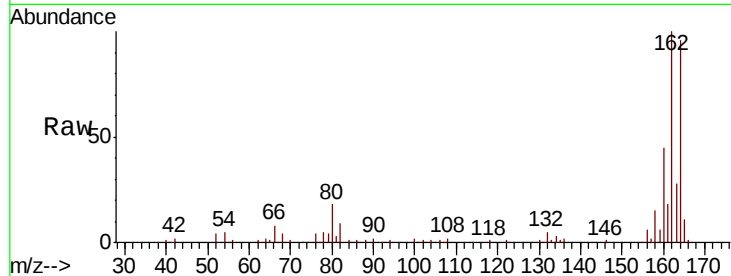
Tot Ion:164 Resp: 82620

Ion Ratio Lower Upper

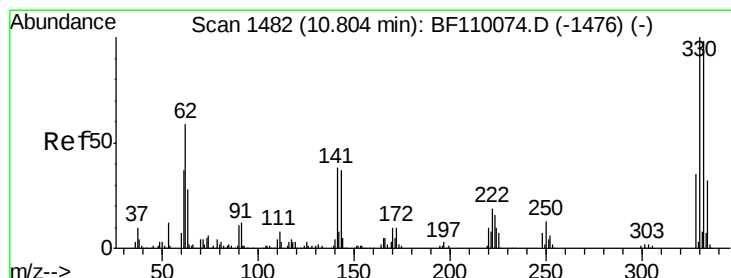
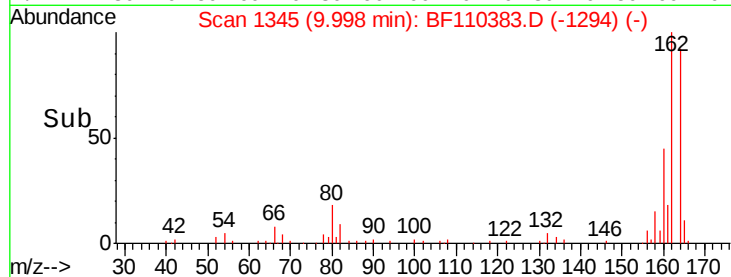
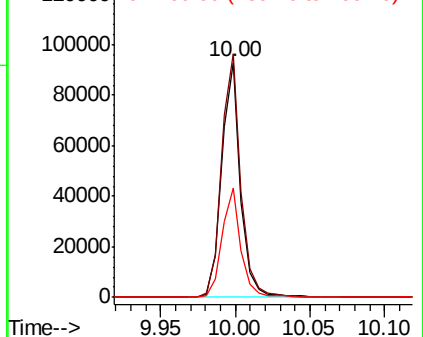
164 100

162 103.7 83.0 124.6

160 46.6 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: 99.442 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

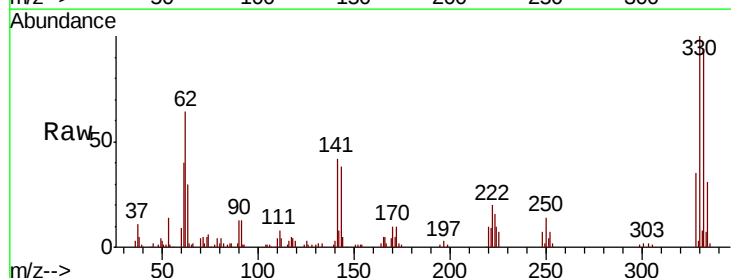
Tgt Ion:330 Resp: 81384

Ion Ratio Lower Upper

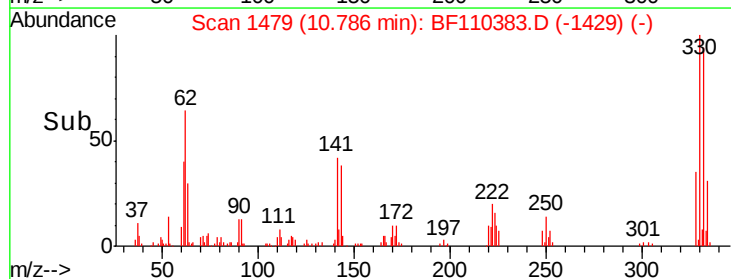
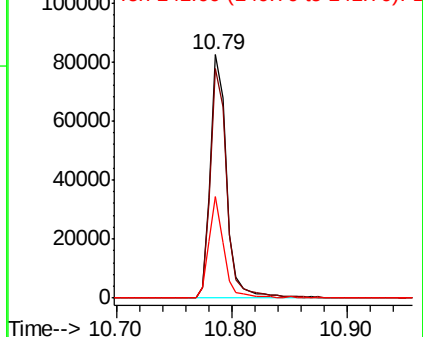
330 100

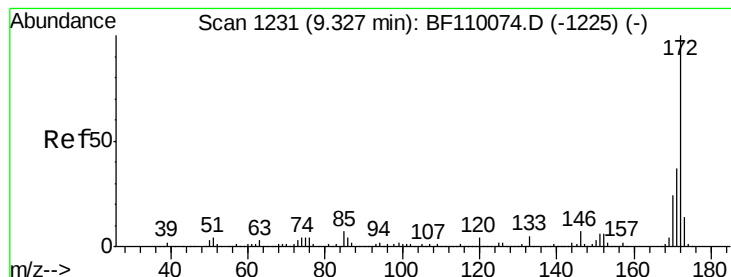
332 95.1 77.1 115.7

141 38.1 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: 88.234 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

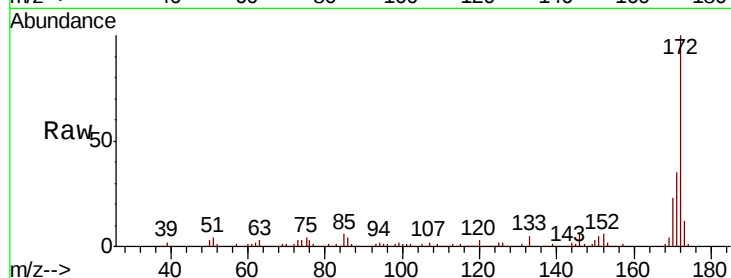
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 464250

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.2	19.7	29.5

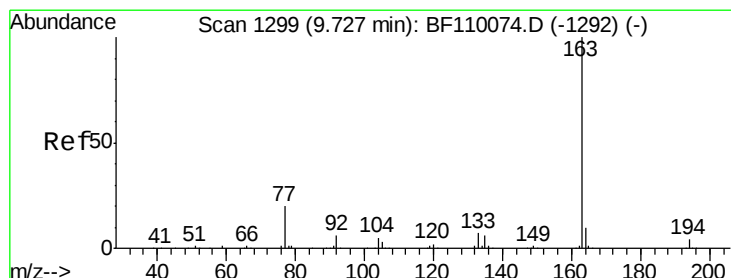
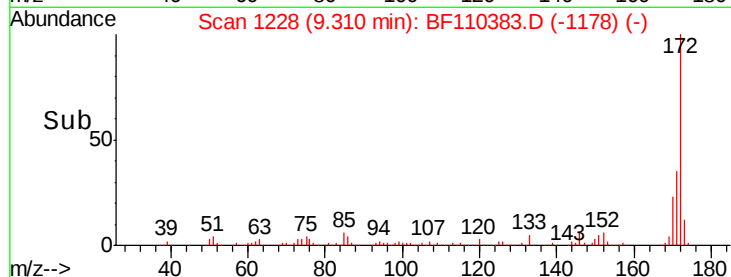
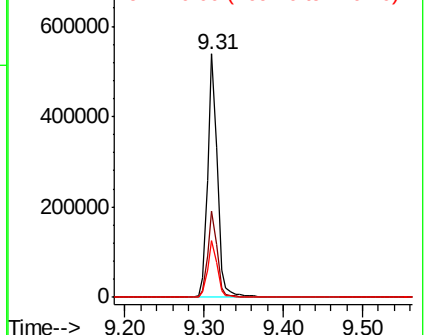


Abundance

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



#50

Dimethylphthalate

Concen: 8.461 ng

RT: 9.70 min Scan# 1295

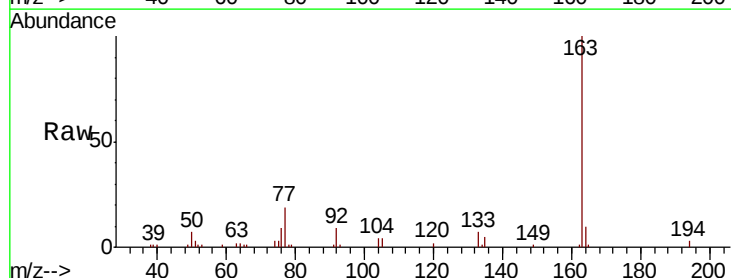
Delta R.T. -0.01 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

Tgt Ion:163 Resp: 51601

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.9	8.1	12.1

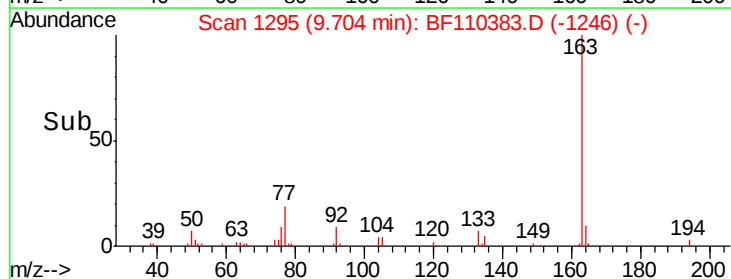
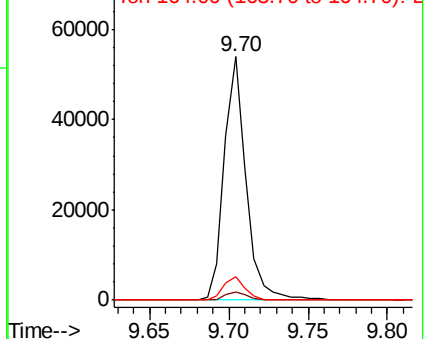


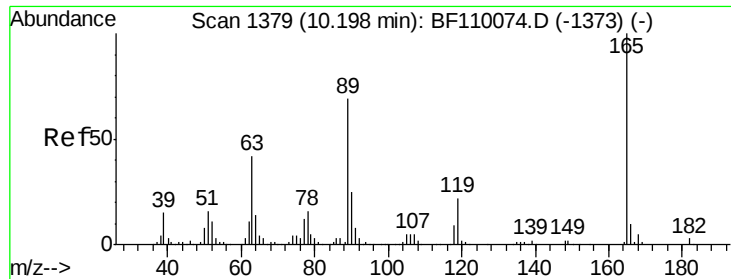
Abundance

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

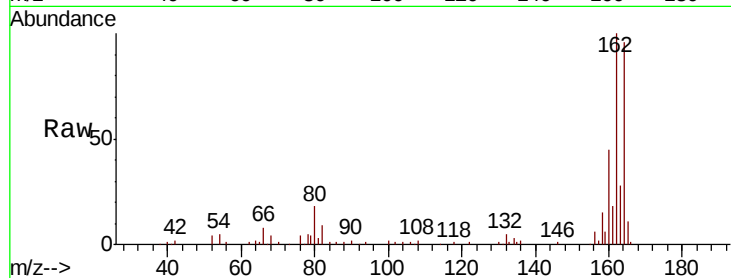




#57
2,4-Dinitrotoluene
Concen: 6.022 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :

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



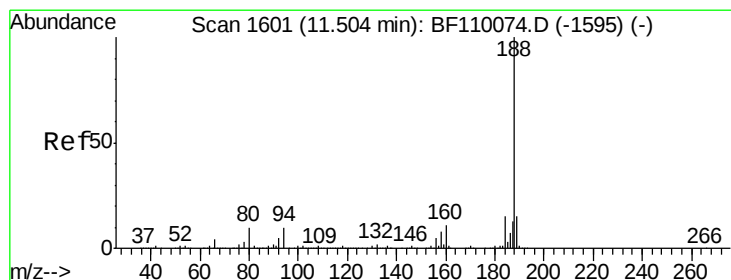
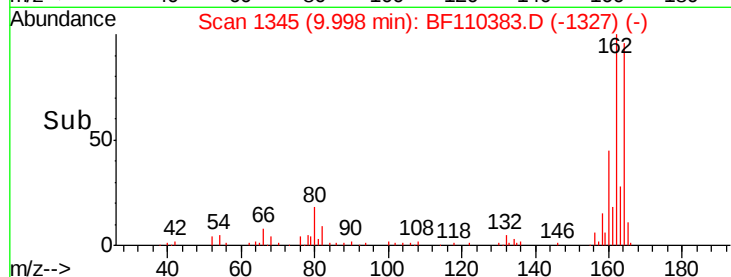
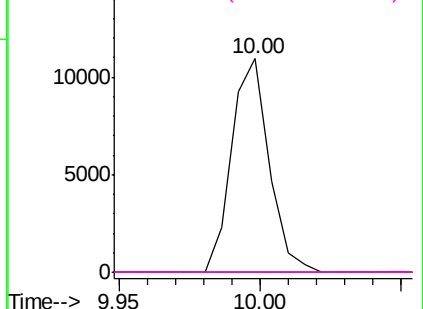
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

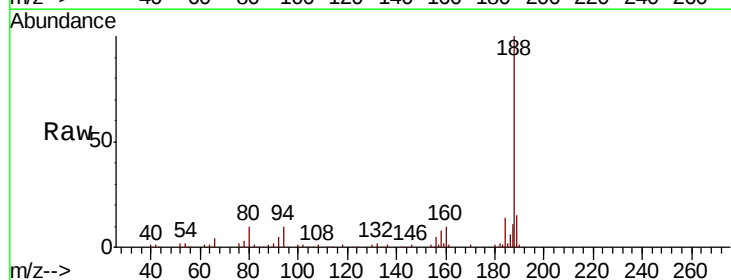
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	9.9	7.9	11.9

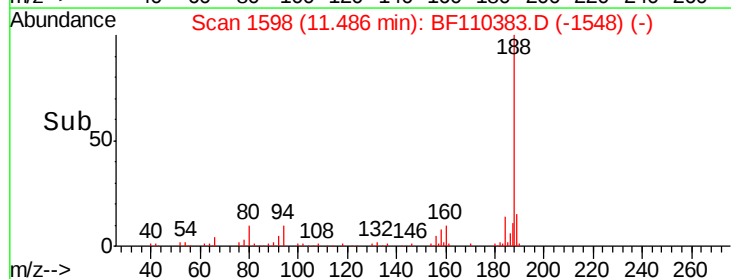
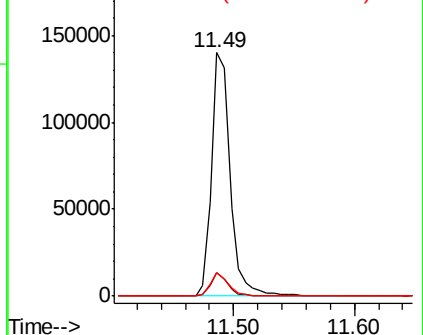


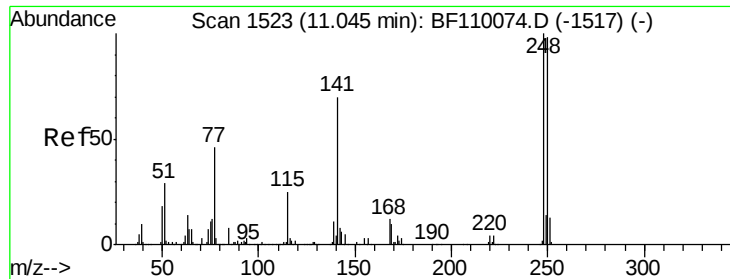
Abundance

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

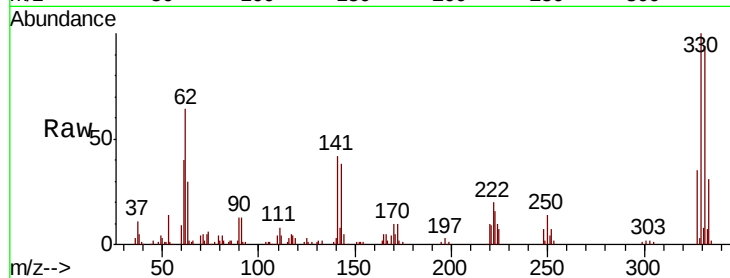




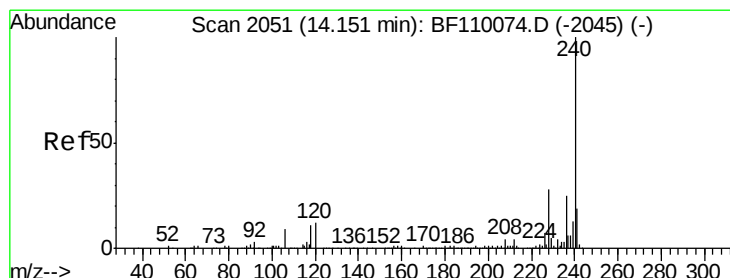
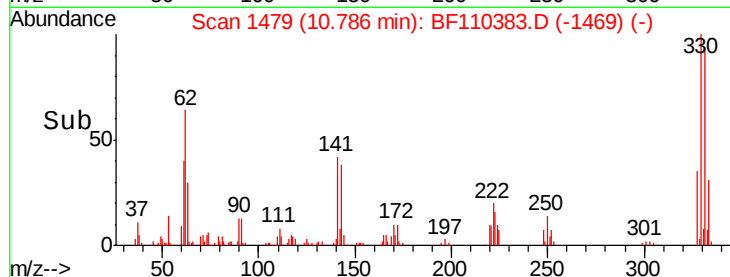
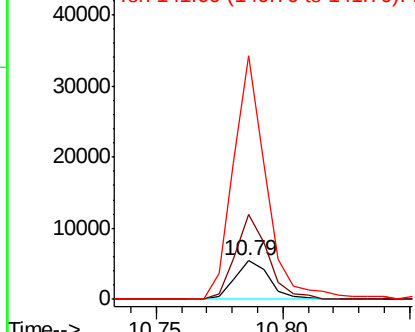
#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5158
Ion Ratio Lower Upper
248 100
250 219.3 79.4 119.2#
141 631.4 55.9 83.9#

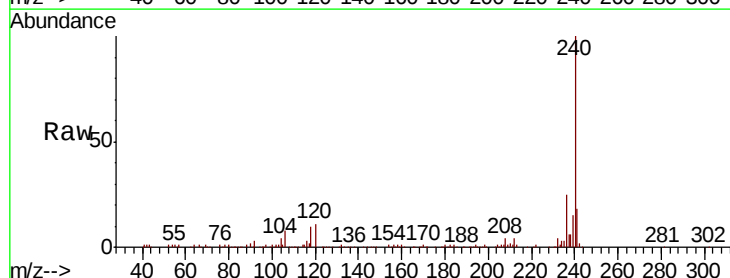


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

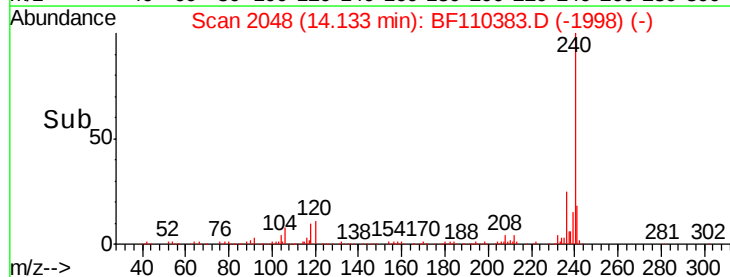
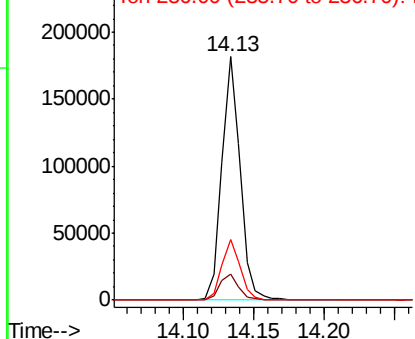


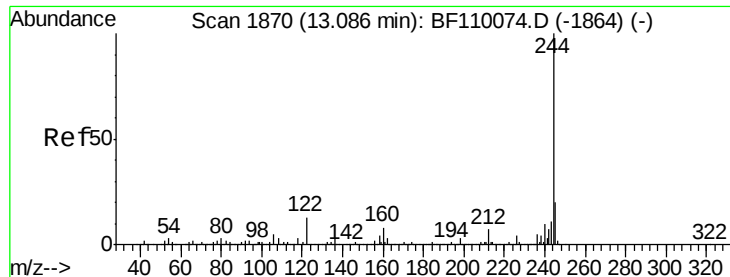
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110383.D
Acq: 1 Nov 2018 22:22

Tgt Ion:240 Resp: 163788
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.0 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: 56.216 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110383.D

Acq: 1 Nov 2018 22:22

Instrument :

BNA_F

ClientSampleId :

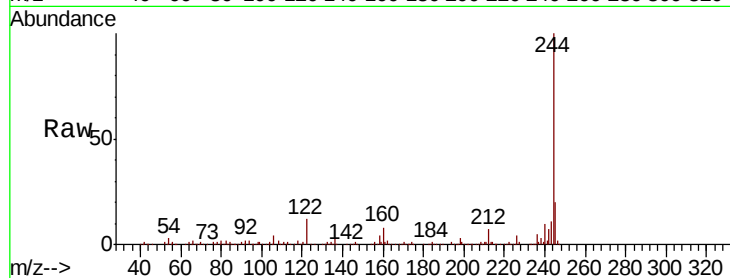
Tot Ion:244 Resp: 442728

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

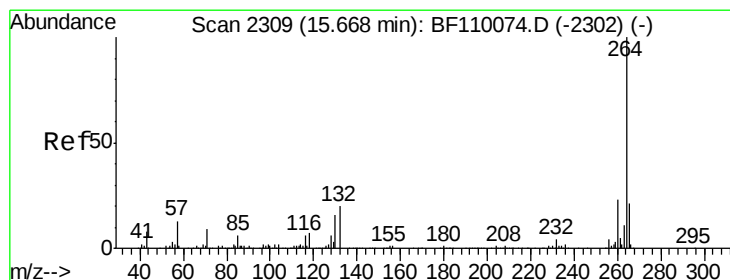
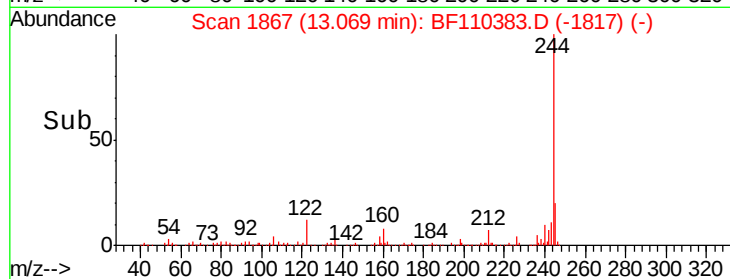
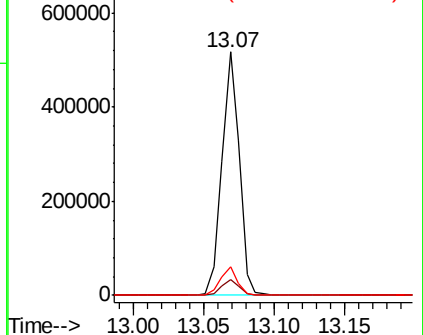
122 11.8 8.7 13.1



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: BF110383.D

Acq: 1 Nov 2018 22:22

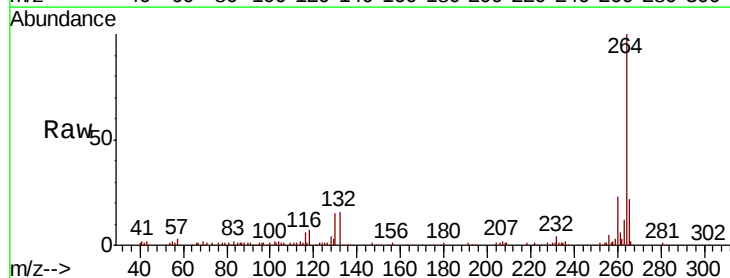
Tgt Ion:264 Resp: 129588

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.0 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

