

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110362.D
 Acq On : 1 Nov 2018 12:17
 Operator : JU/SJ
 Sample : J5205-09RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 15:52:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

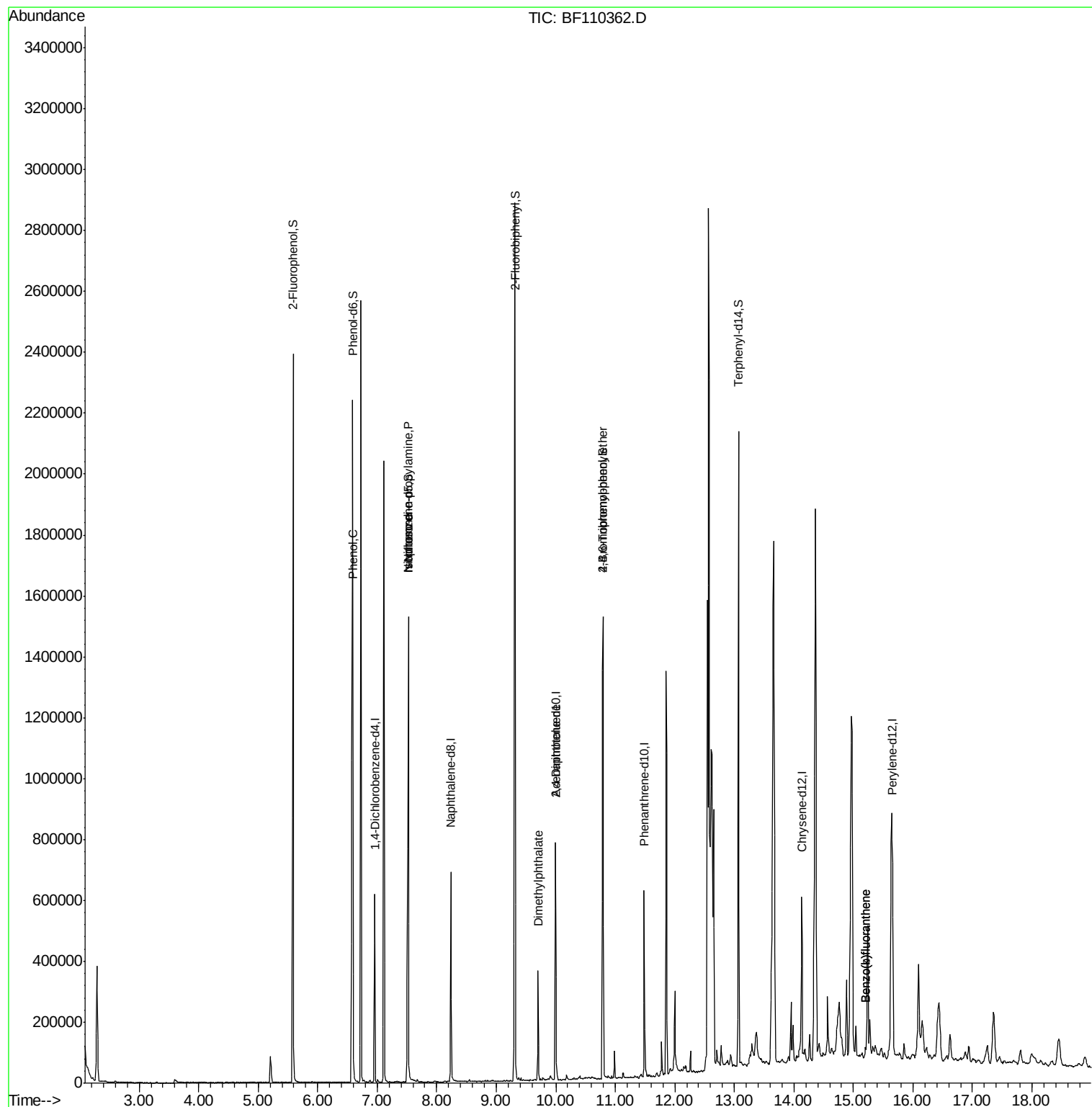
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	84256	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	335023	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	146170	20.00	ng	-0.02
64) Phenanthrene-d10	11.49	188	232727	20.00	ng	-0.03
76) Chrysene-d12	14.13	240	163283	20.00	ng	-0.04
87) Perylene-d12	15.66	264	174361	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	699482	135.19	ng	0.00
7) Phenol-d6	6.59	99	876662	132.47	ng	-0.02
23) Nitrobenzene-d5	7.52	82	549270	97.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.79	330	178727	123.44	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	988937	106.24	ng	-0.02
79) Terphenyl-d14	13.07	244	675824	86.08	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.59	77	1777	Below Cal	#	1
10) Phenol	6.60	94	59309	8.384	ng	# 64
19) n-Nitroso-di-n-propylamine	7.52	70	74169	17.469	ng	# 79
25) Isophorone	7.52	82	549263	57.047	ng	# 67
50) Dimethylphthalate	9.70	163	146390	13.567	ng	# 99
57) 2,4-Dinitrotoluene	10.00	165	18892	6.399	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	11709	4.638	ng	# 1
77) Benzidine	12.63	184	1101	Below Cal	#	1
88) Benzo(b)fluoranthene	15.20	252	20322	2.018	ng	# 92
89) Benzo(k)fluoranthene	15.20	252	20322	2.053	ng	# 91

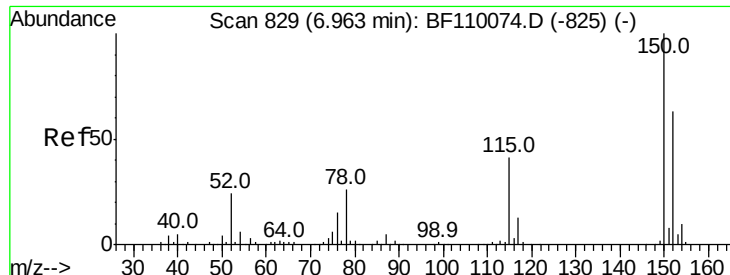
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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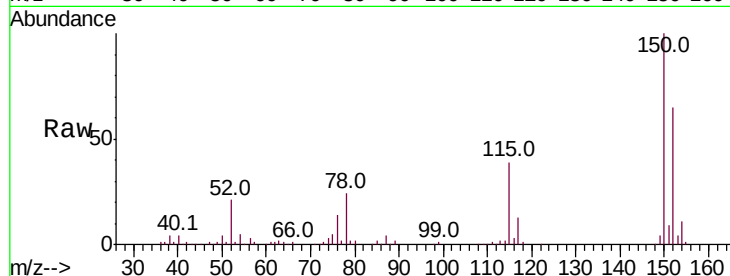


#1

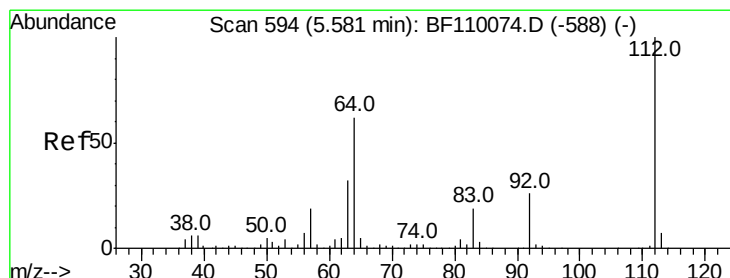
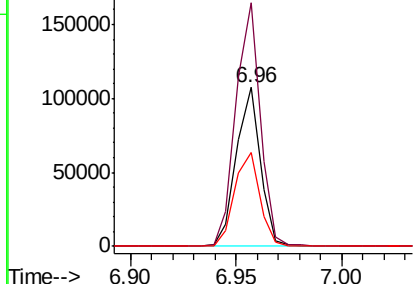
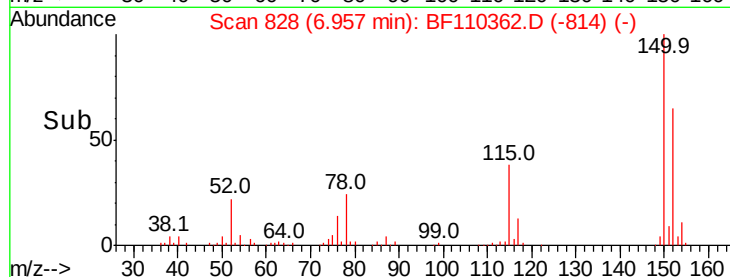
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84256
Ion Ratio Lower Upper
152 100
150 153.2 122.7 184.1
115 59.2 49.1 73.7



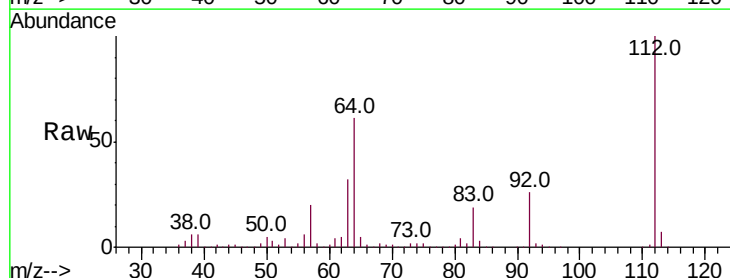
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



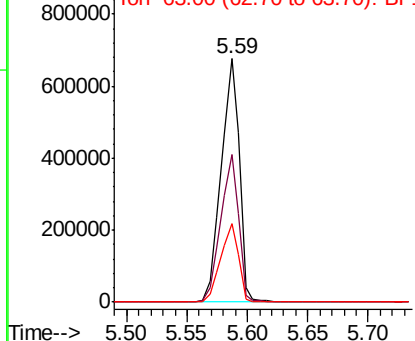
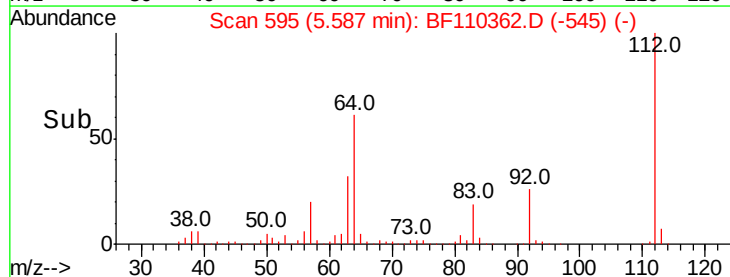
#5

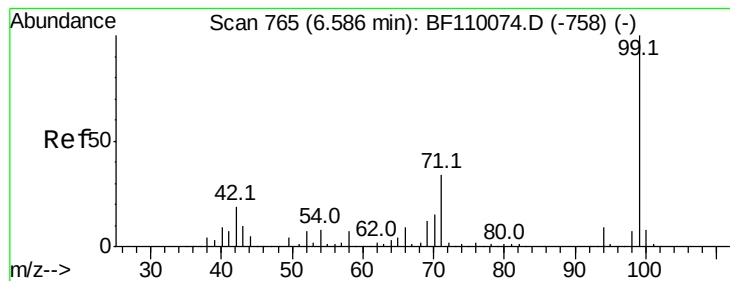
2-Fluorophenol
Concen: 135.192 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Tgt Ion:112 Resp: 699482
Ion Ratio Lower Upper
112 100
64 60.6 44.1 66.1
63 32.5 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: 132.468 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110362.D

Acq: 1 Nov 2018 12:17

Instrument :

BNA_F

ClientSampled :

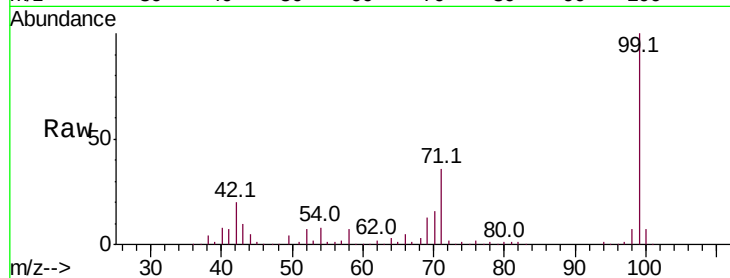
Tot Ion: 99 Resp: 876662

Ion Ratio Lower Upper

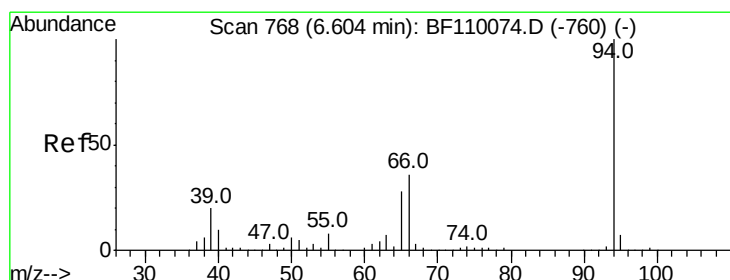
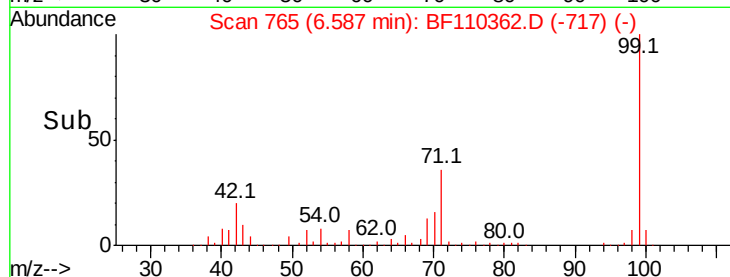
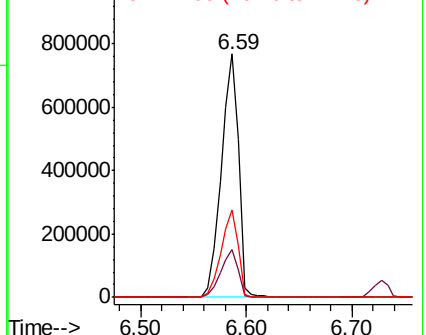
99 100

42 19.7 15.8 23.6

71 35.8 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: 8.384 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110362.D

Acq: 1 Nov 2018 12:17

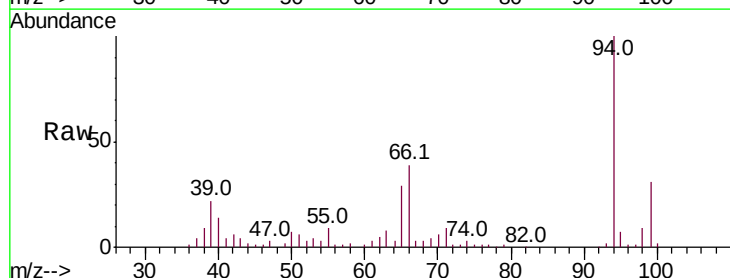
Tgt Ion: 94 Resp: 59309

Ion Ratio Lower Upper

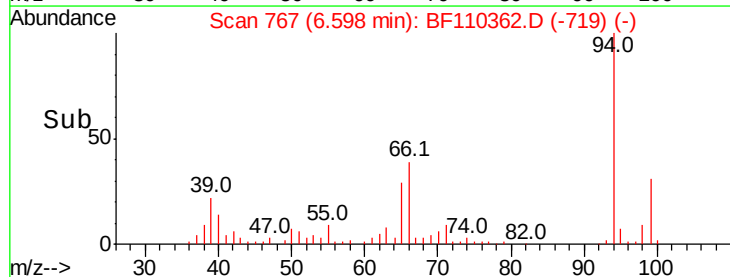
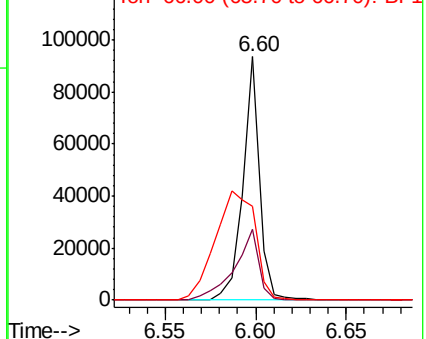
94 100

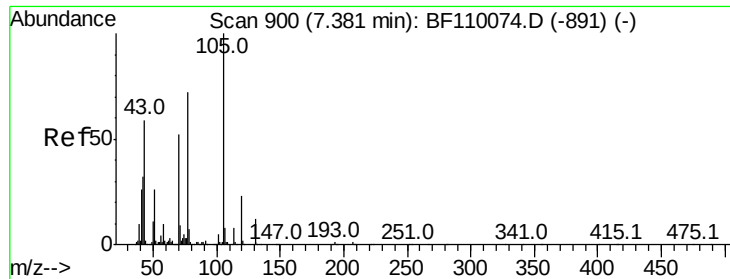
65 29.2 25.3 65.3

66 38.7 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

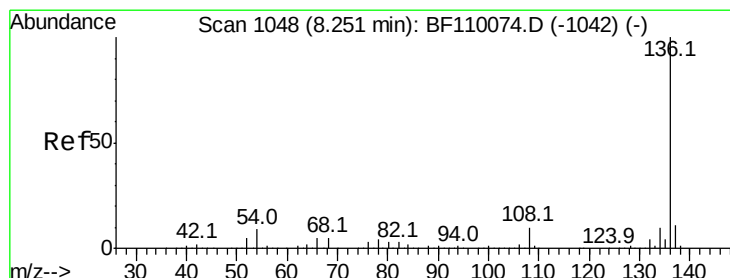
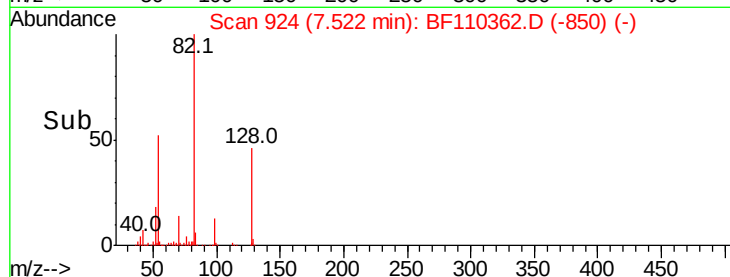
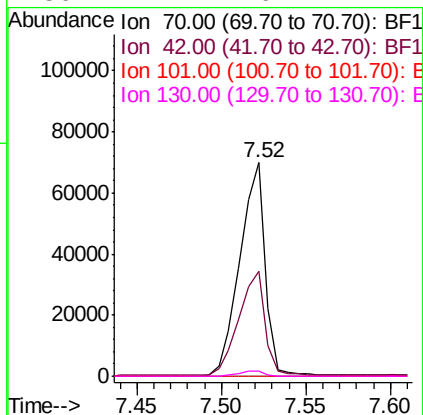
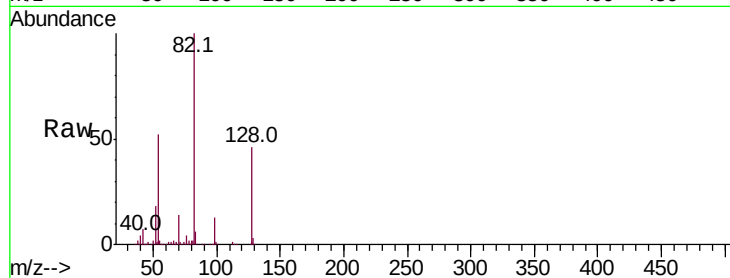




#19
n-Nitroso-di-n-propylamine
Concen: 17.469 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.14 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

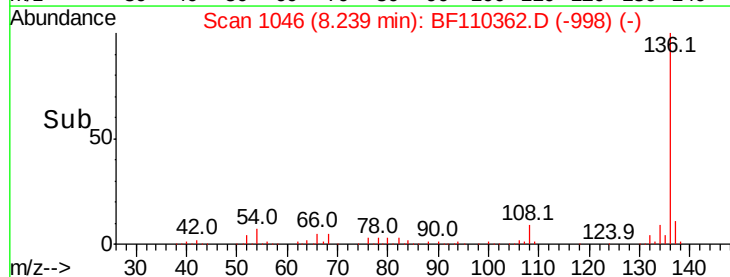
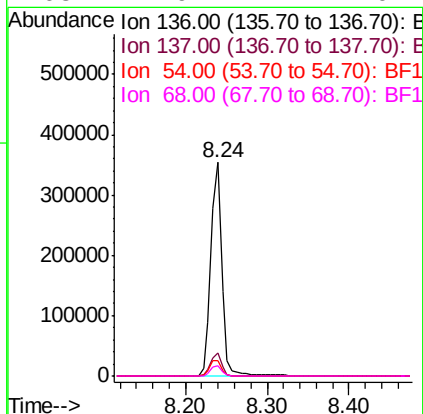
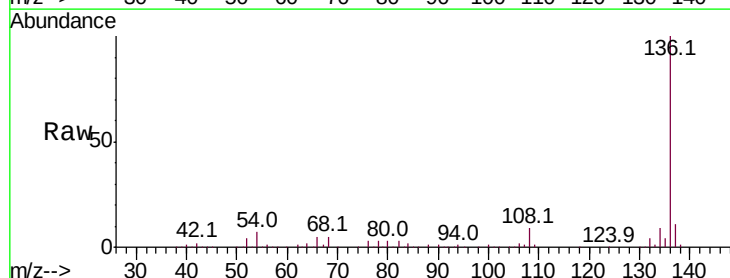
Instrument :
BNA_F
ClientSampled :

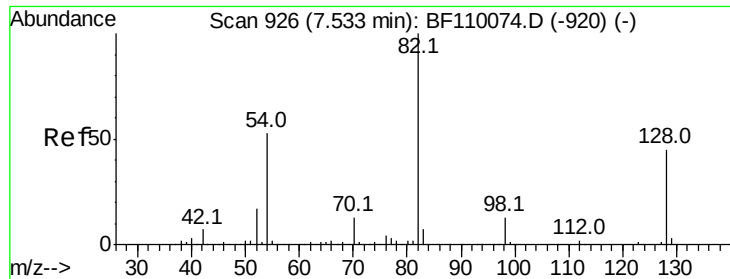
Tot Ion: 70 Resp: 74169
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Tgt Ion:136 Resp: 335023
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 5.4 8.2
68 4.9 4.2 6.2

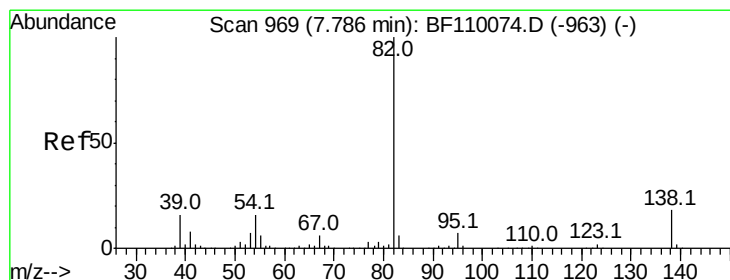
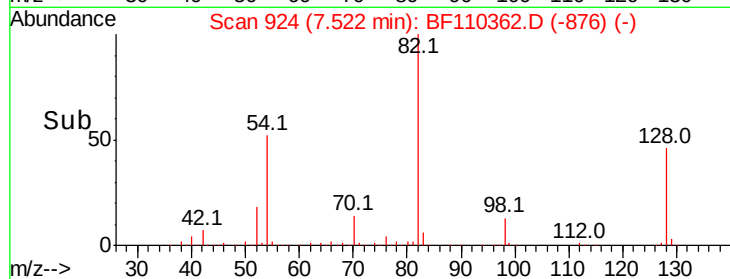
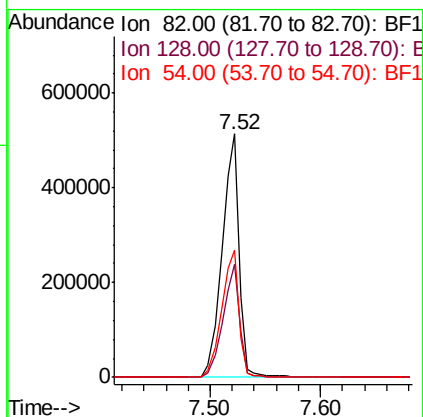
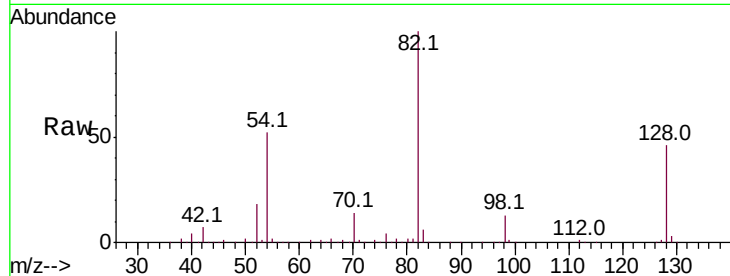




#23
Nitrobenzene-d5
Concen: 97.244 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

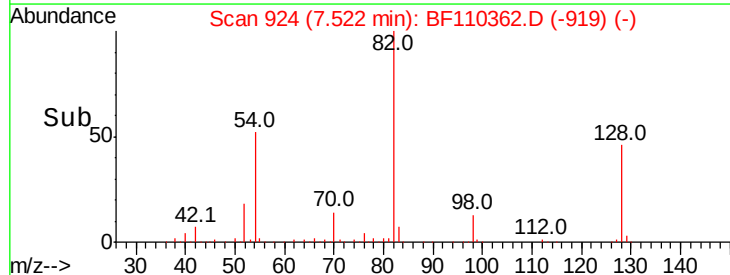
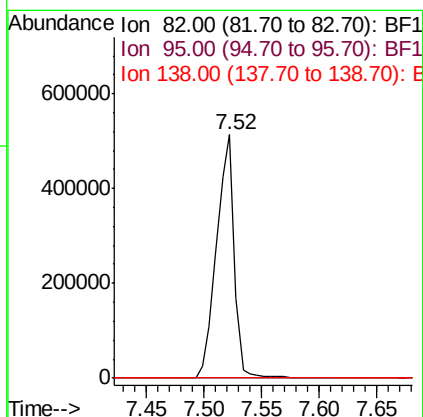
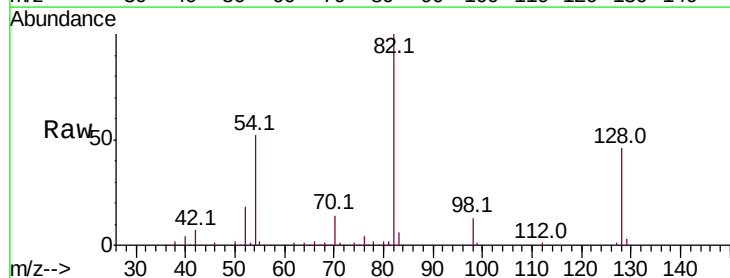
Instrument :
BNA_F
ClientSampled :

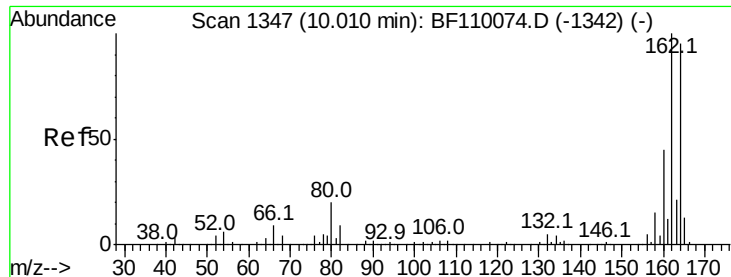
Tot Ion: 82 Resp: 549270
Ion Ratio Lower Upper
82 100
128 46.2 34.2 51.2
54 52.3 38.6 58.0



#25
Isophorone
Concen: 57.047 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.27 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Tgt Ion: 82 Resp: 549263
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

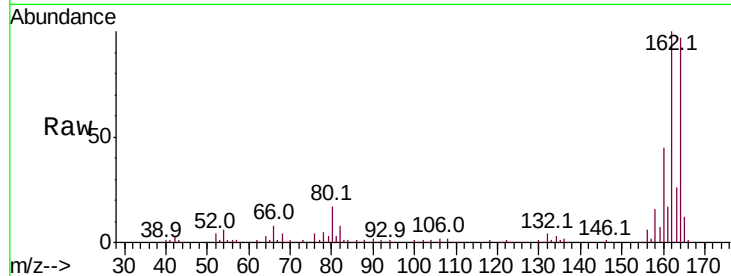




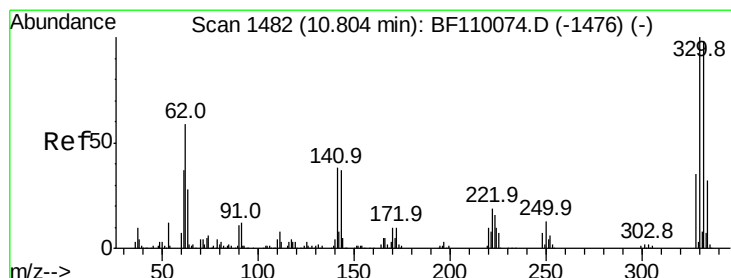
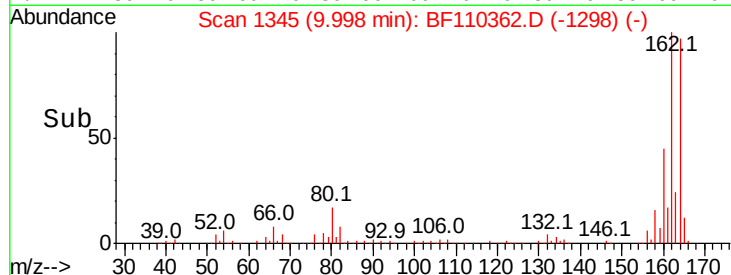
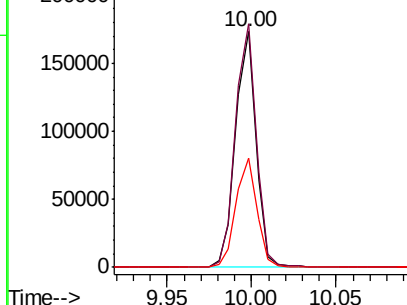
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 146170
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 46.5 37.0 55.6

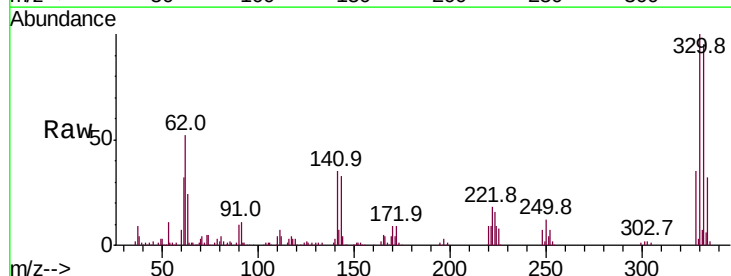


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

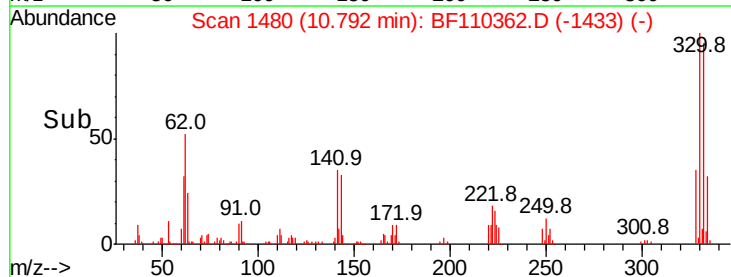
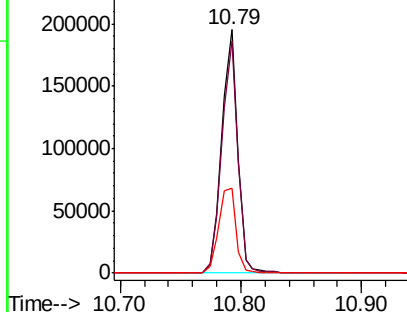


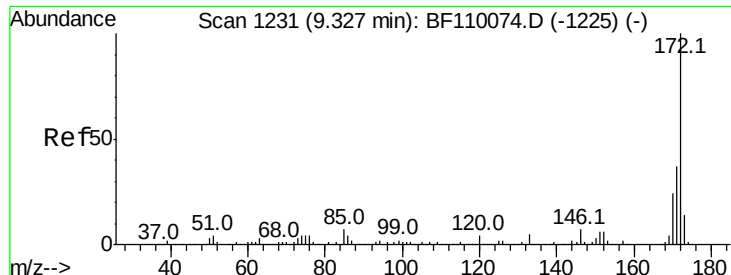
#42
2,4,6-Tribromophenol
Concen: 123.438 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Tgt Ion:330 Resp: 178727
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 37.9 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

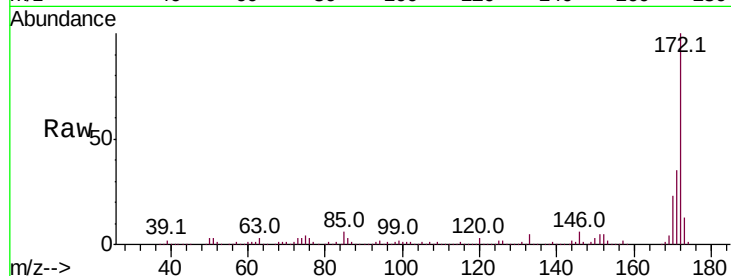




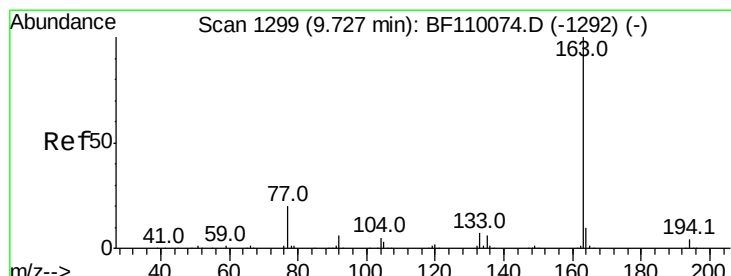
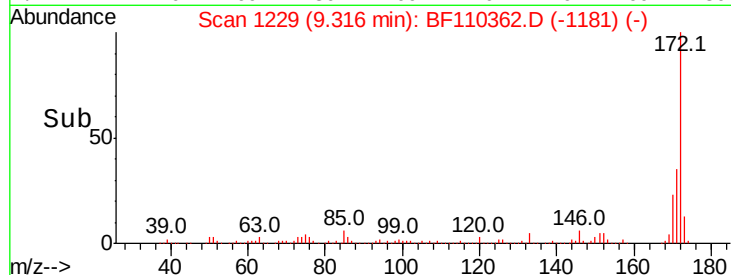
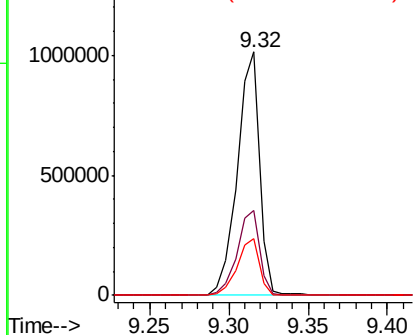
#45
2-Fluorobiphenyl
Concen: 106.238 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.4	19.7	29.5

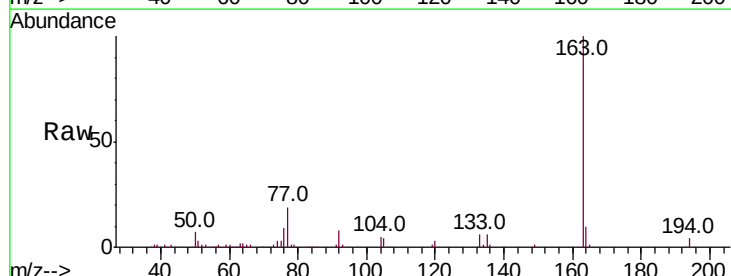


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

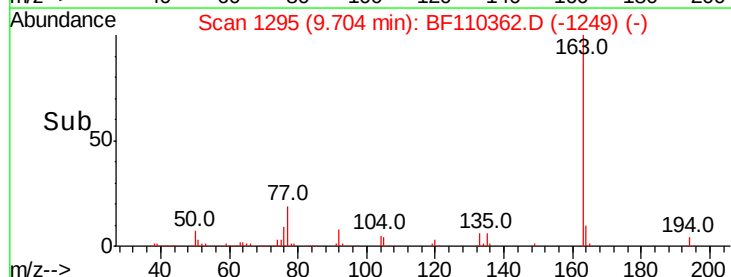
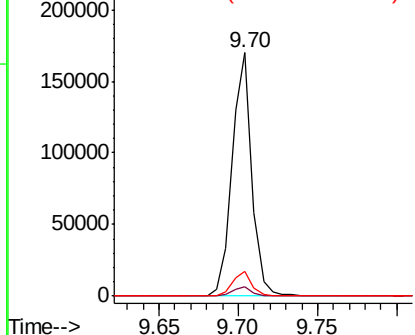


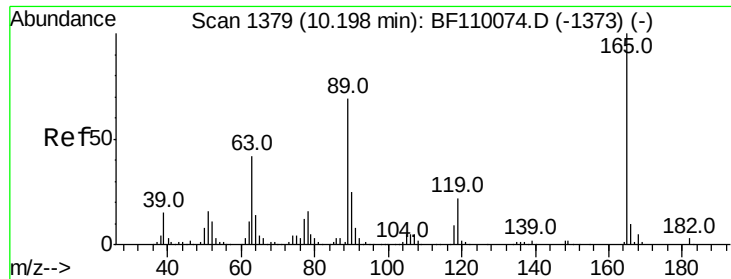
#50
Dimethylphthalate
Concen: 13.567 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	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: 6.399 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.22 min

Lab File: BF110362.D

Acq: 1 Nov 2018 12:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 18892

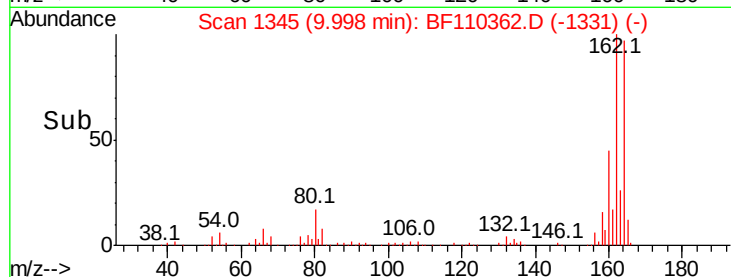
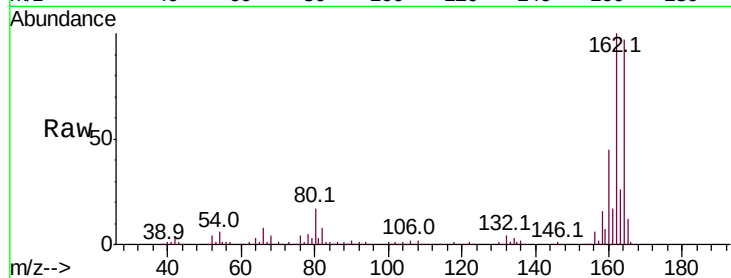
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 2.2 62.2 93.4#

182 0.0 2.1 3.1#

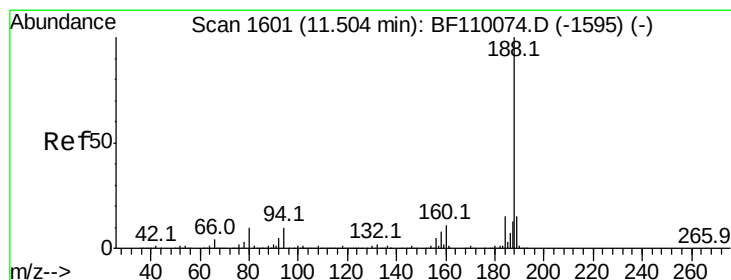
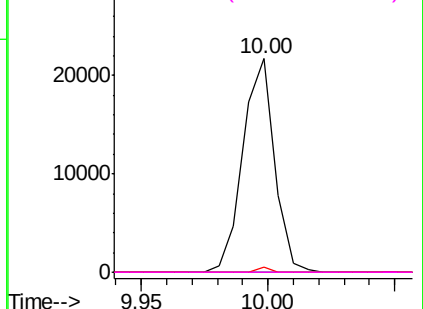


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.03 min

Lab File: BF110362.D

Acq: 1 Nov 2018 12:17

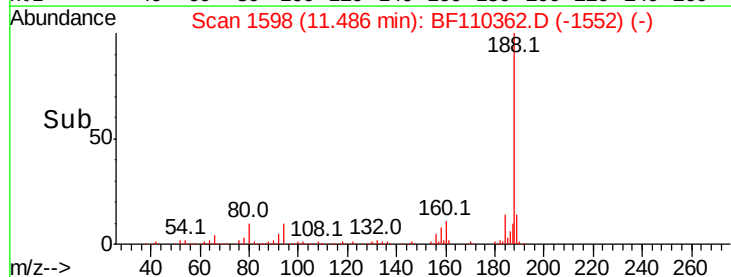
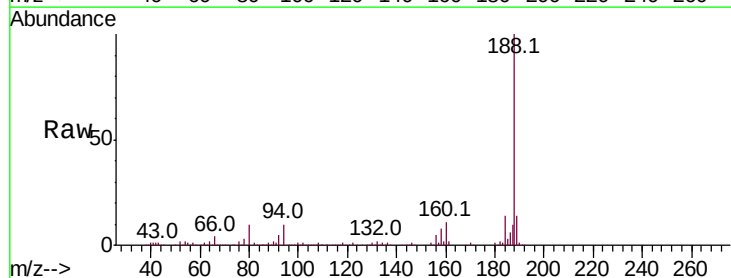
Tgt Ion:188 Resp: 232727

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

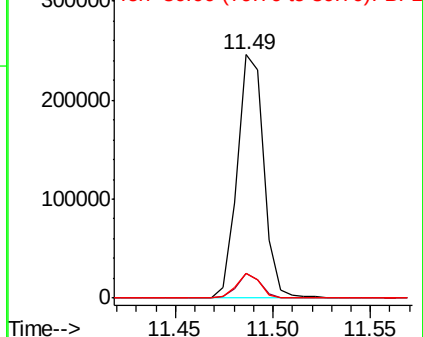
80 10.0 7.9 11.9

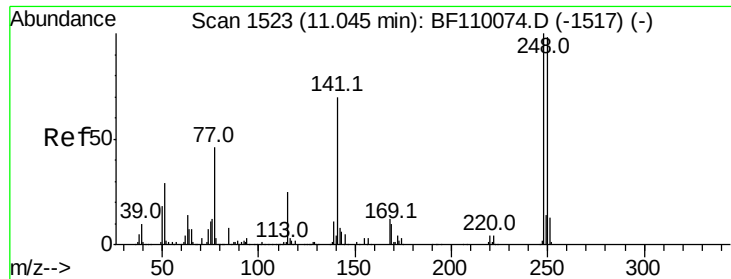


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

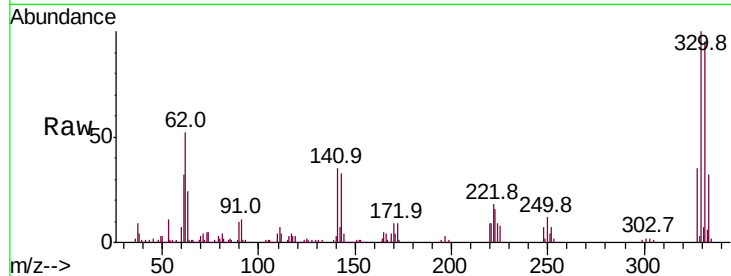




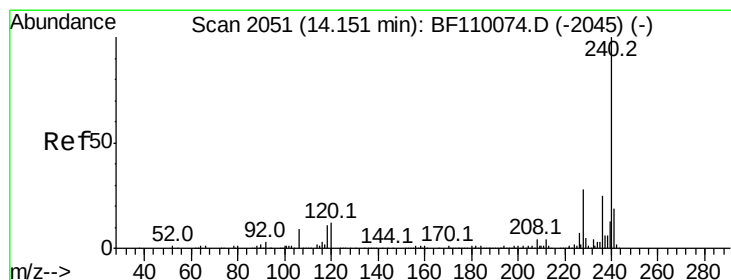
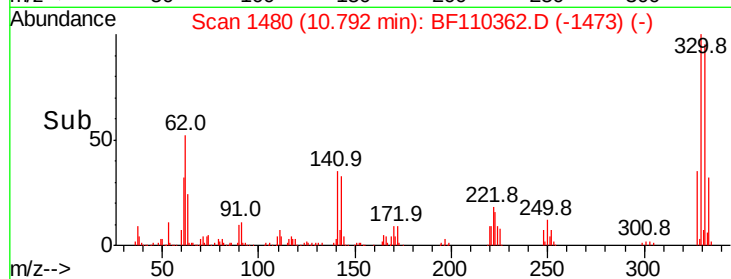
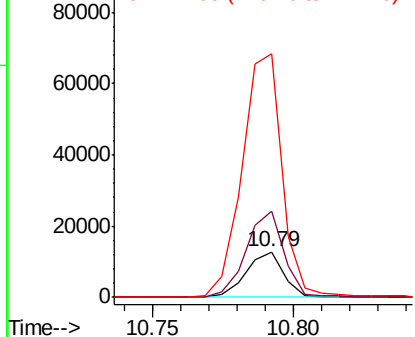
#67
 4-Bromophenyl-phenylether
 Concen: 4.638 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.26 min
 Lab File: BF110362.D
 Acq: 1 Nov 2018 12:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11709
 Ion Ratio Lower Upper
 248 100
 250 187.6 79.4 119.2#
 141 530.9 55.9 83.9#

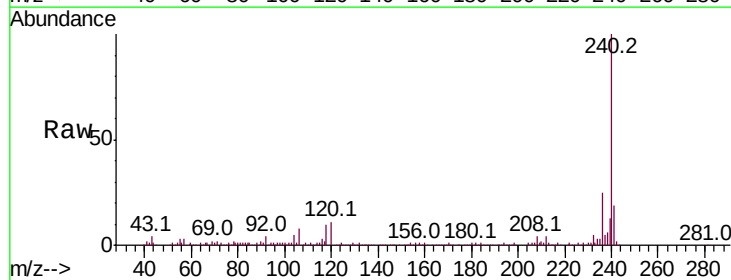


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

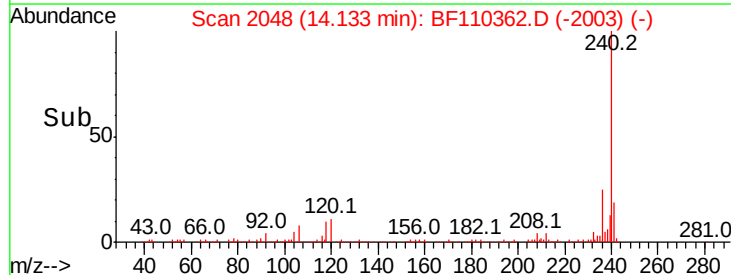
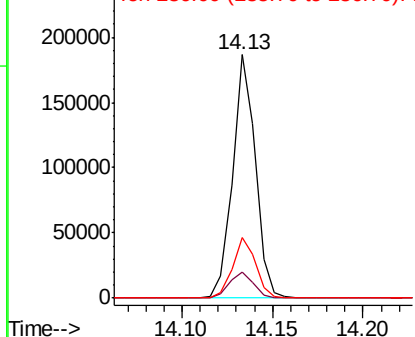


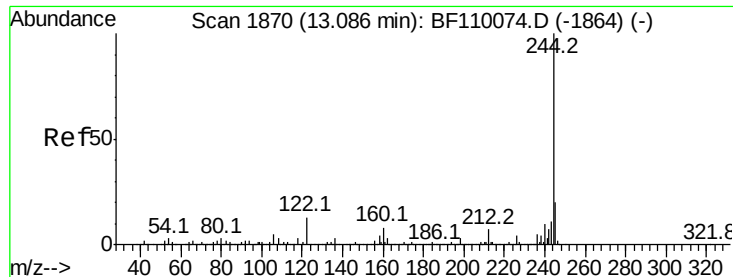
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.04 min
 Lab File: BF110362.D
 Acq: 1 Nov 2018 12:17

Tgt Ion:240 Resp: 163283
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.1 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

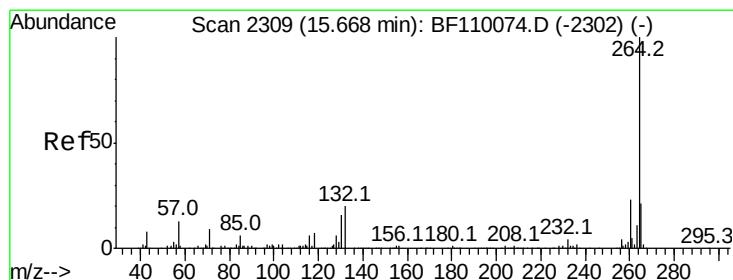
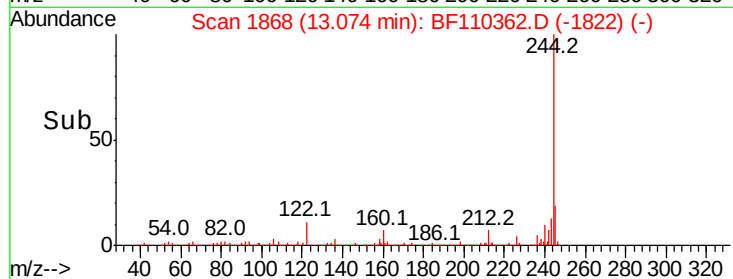
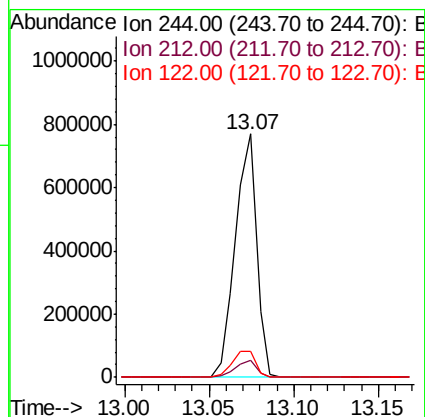
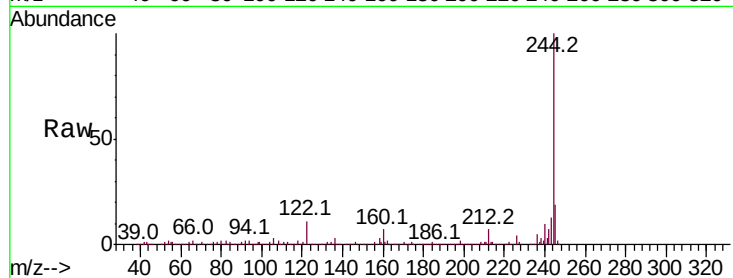




#79
 Terphenyl-d14
 Concen: 86.079 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. -0.03 min
 Lab File: BF110362.D
 Acq: 1 Nov 2018 12:17

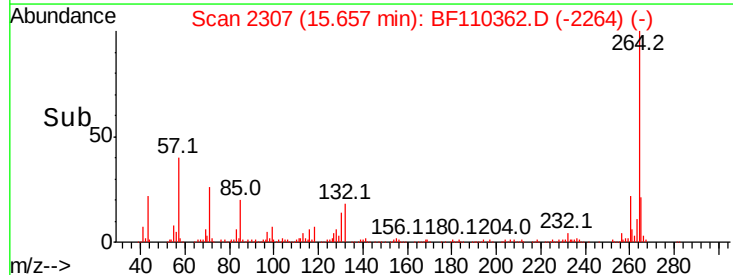
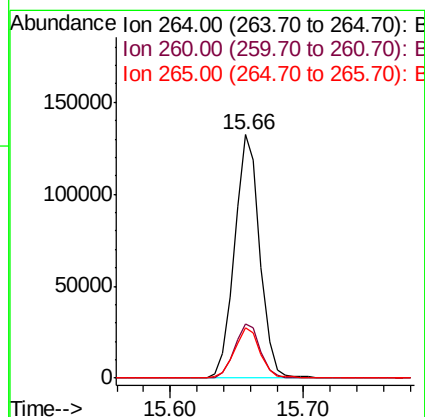
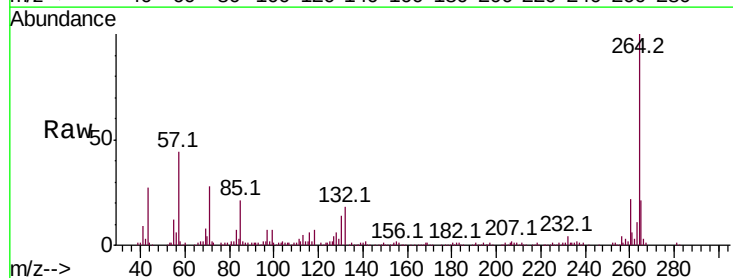
Instrument :
 BNA_F
 ClientSampled :

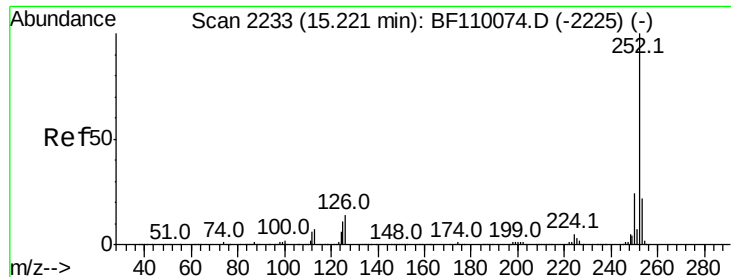
Tot Ion:244 Resp: 675824
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.6 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.05 min
 Lab File: BF110362.D
 Acq: 1 Nov 2018 12:17

Tgt Ion:264 Resp: 174361
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.7 28.1
 265 20.7 16.7 25.1

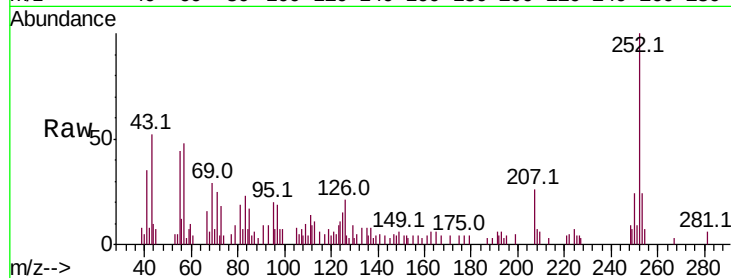




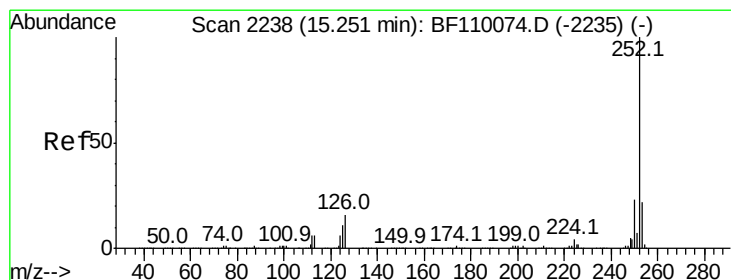
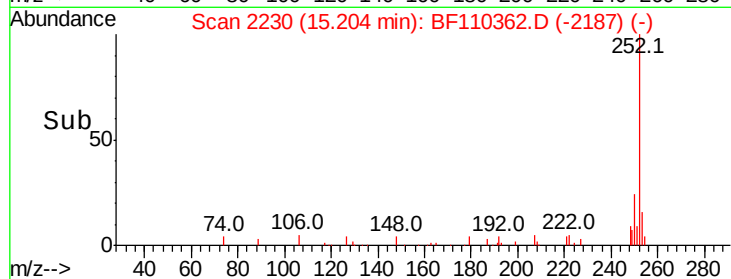
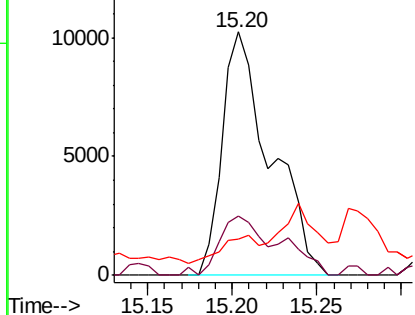
#88
Benzo(b)fluoranthene
Concen: 2.018 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.05 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 20322
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 14.9 8.2 12.4#

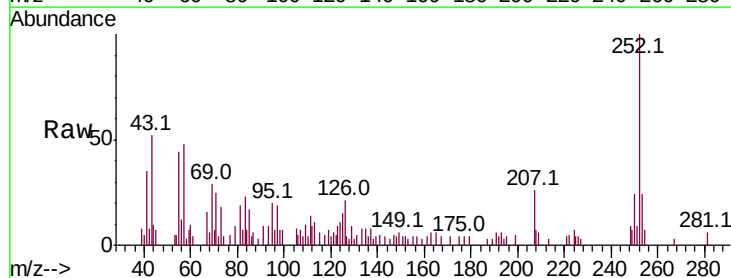


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 2.053 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.08 min
Lab File: BF110362.D
Acq: 1 Nov 2018 12:17

Tgt Ion:252 Resp: 20322
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 14.9 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

