

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111985.D
 Acq On : 10 Jan 2019 14:17
 Operator : JU/SJ
 Sample : K1082-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 00:50:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

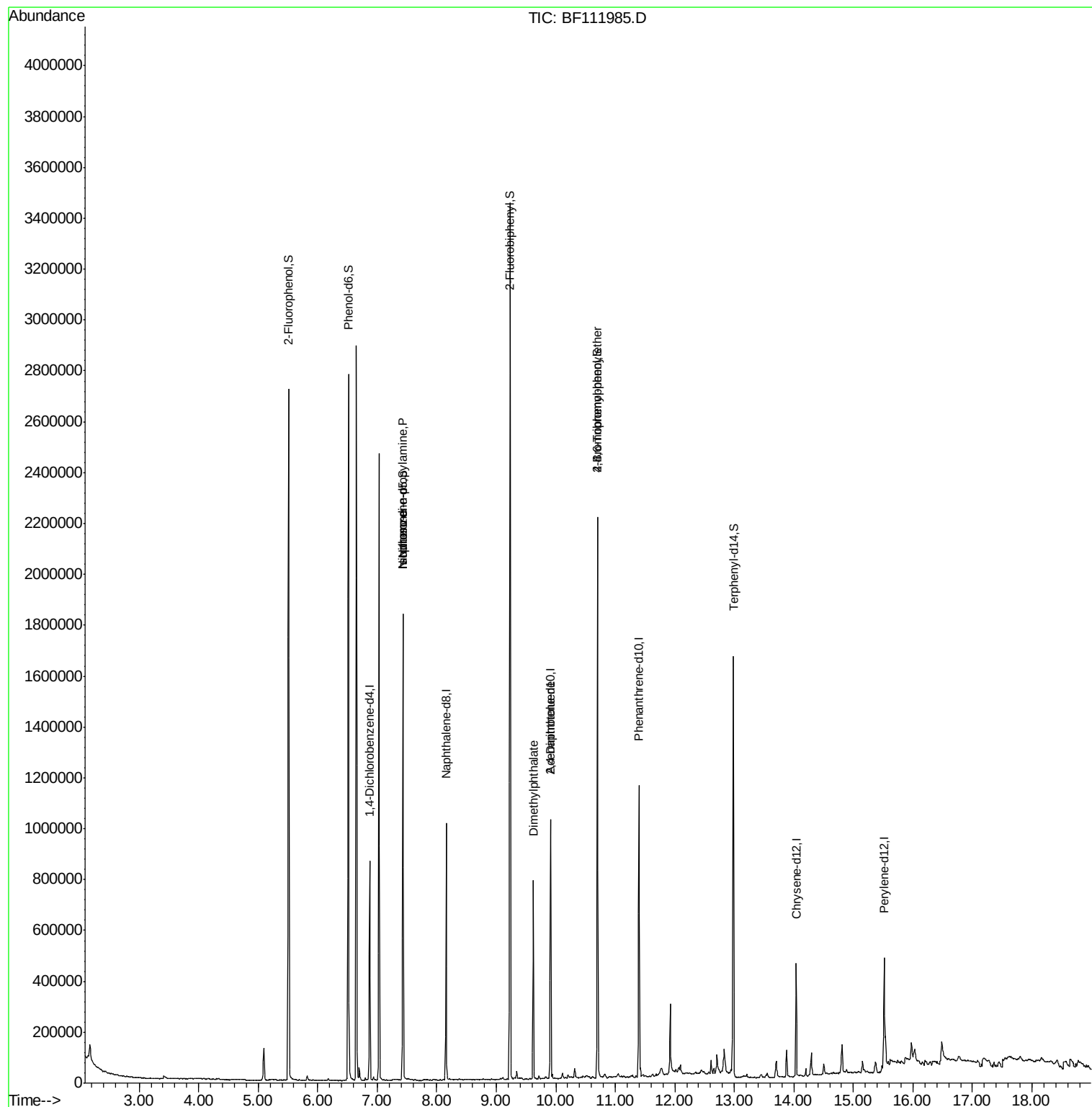
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115400	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	421161	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	209351	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	389309	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	141730	20.00	ng	-0.02
87) Perylene-d12	15.52	264	187361	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	693226	102.77	ng	-0.01
7) Phenol-d6	6.52	99	971139	111.70	ng	-0.02
23) Nitrobenzene-d5	7.43	82	549823	69.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	271450	99.69	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1071961	74.67	ng	-0.02
79) Terphenyl-d14	12.99	244	588598	78.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	1667	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	76438	13.532	ng	# 1
25) Isophorone	7.43	82	549897	43.093	ng	# 76
50) Dimethylphthalate	9.62	163	276572	17.586	ng	# 65
57) 2,4-Dinitrotoluene	9.91	165	26618	5.858	ng	# 100
67) 4-Bromophenyl-phenylether	10.70	248	15720	3.118	ng	# 27
						# 1

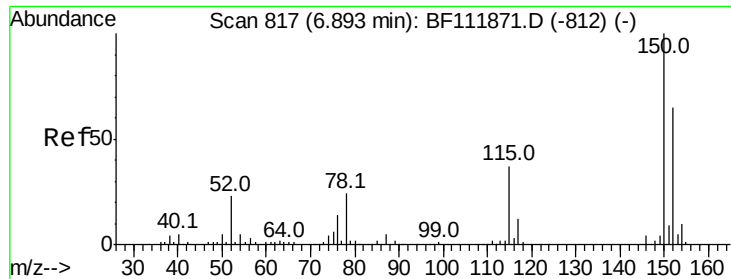
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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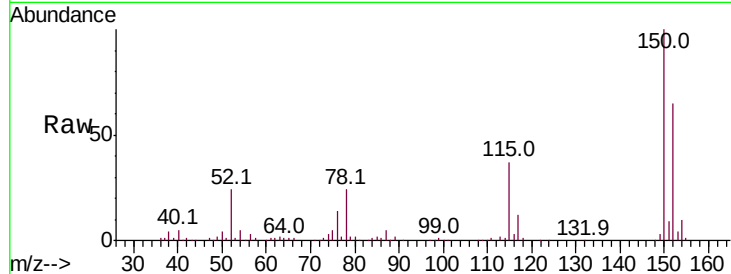


#1

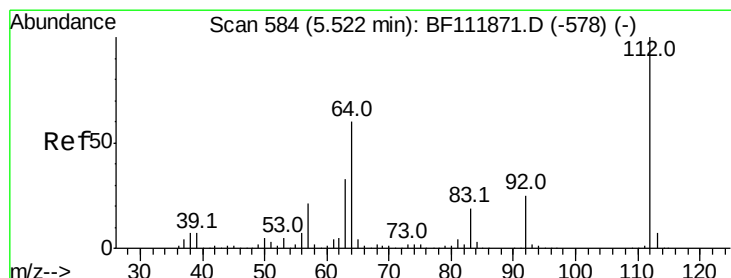
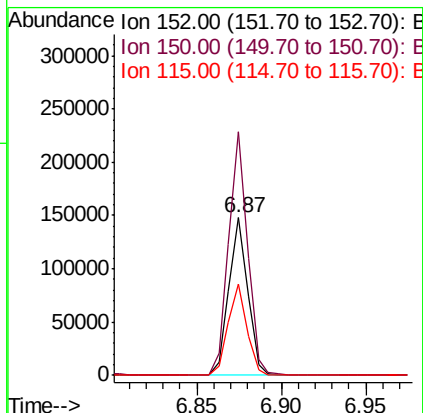
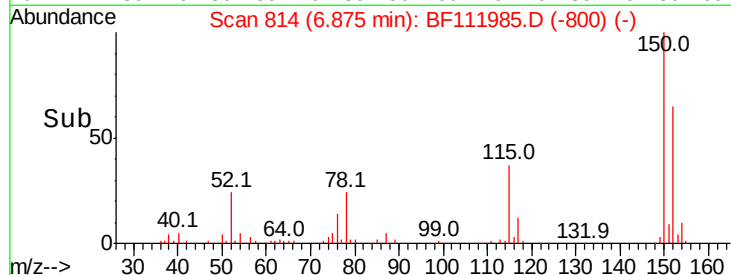
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115400
Ion Ratio Lower Upper
152 100
150 154.7 122.7 184.1
115 57.7 45.2 67.8



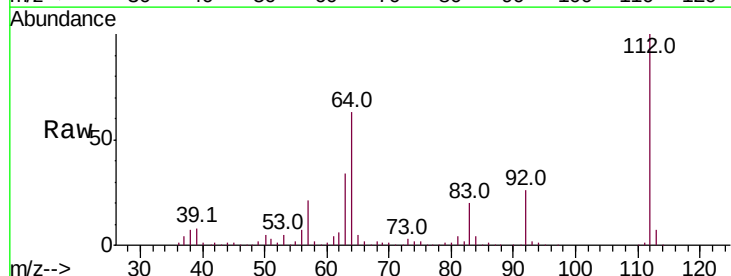
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



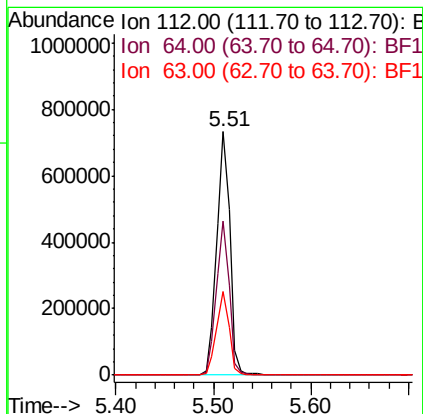
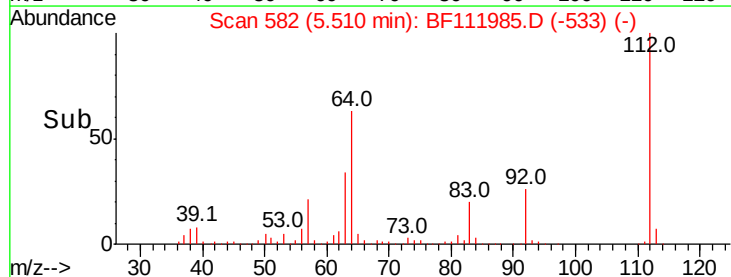
#5

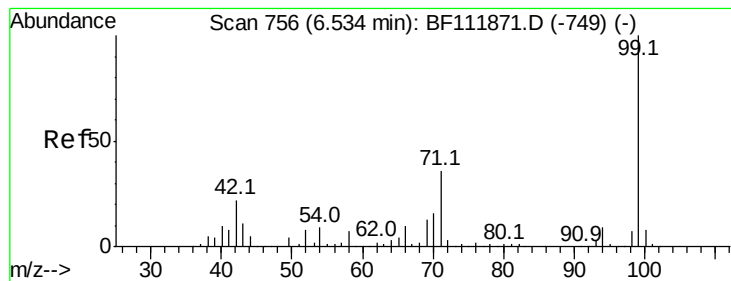
2-Fluorophenol
Concen: 102.771 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Tgt Ion:112 Resp: 693226
Ion Ratio Lower Upper
112 100
64 63.0 48.3 72.5
63 34.3 26.1 39.1



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: 111.703 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

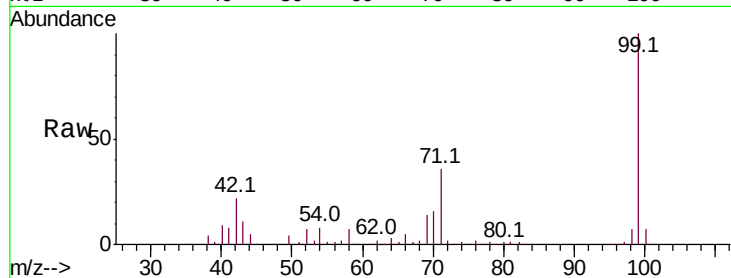
Tot Ion: 99 Resp: 971139

Ion Ratio Lower Upper

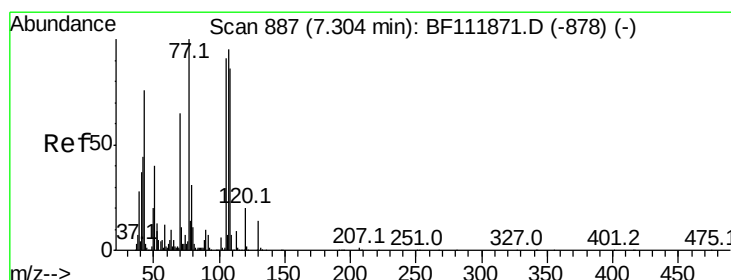
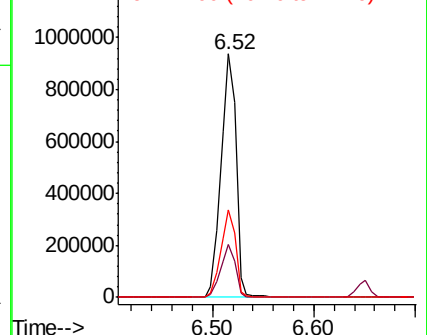
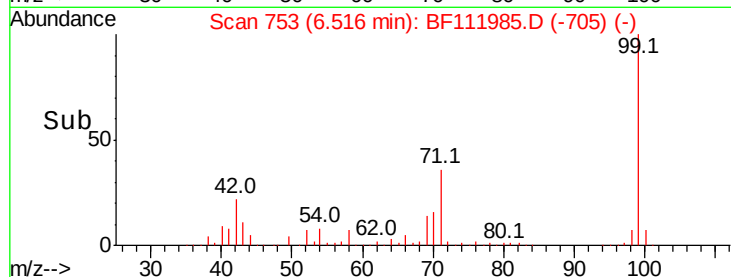
99 100

42 22.0 17.9 26.9

71 36.0 28.7 43.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.532 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

Tgt Ion: 70 Resp: 76438

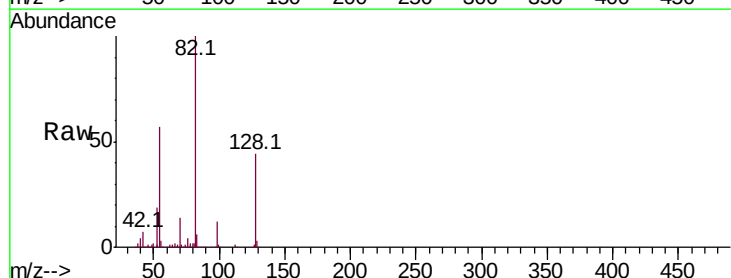
Ion Ratio Lower Upper

70 100

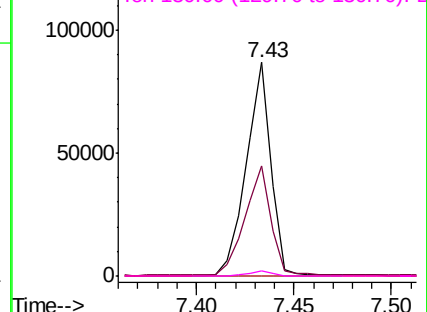
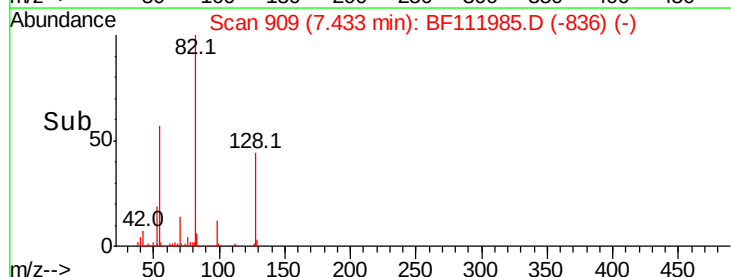
42 51.8 53.6 80.4#

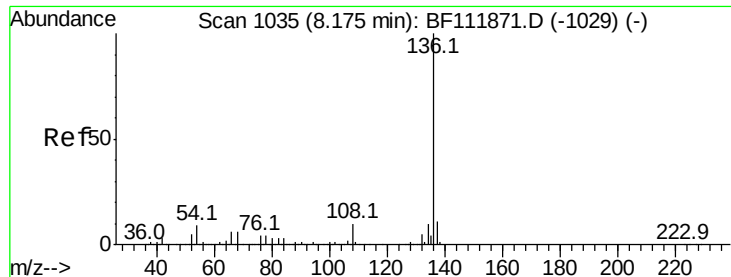
101 0.0 7.3 10.9#

130 2.2 16.8 25.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

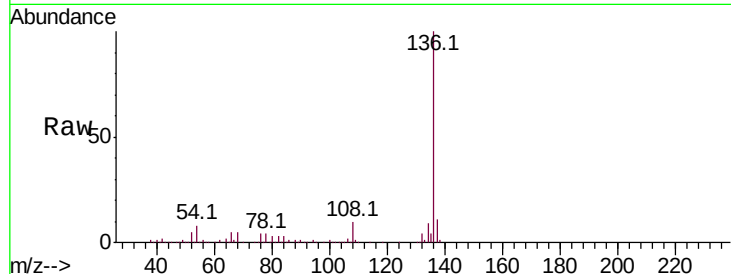




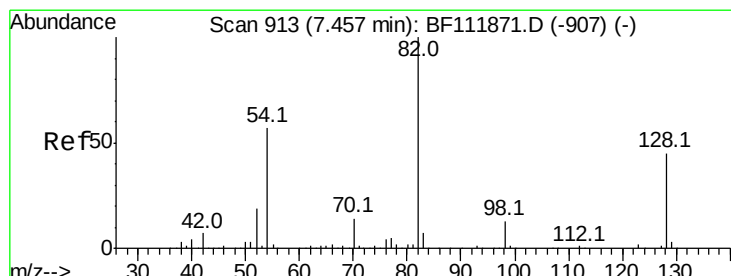
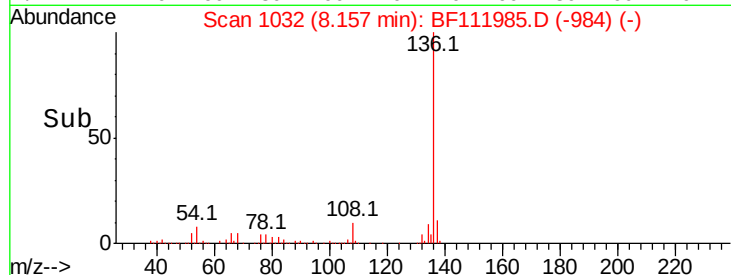
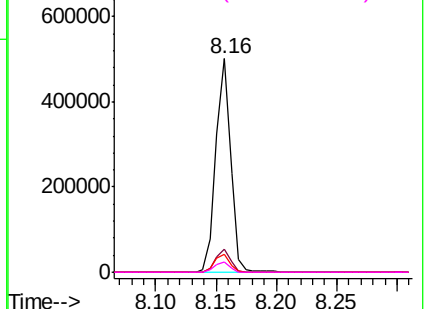
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	421161
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.1 13.7
54	8.1	7.2 10.8
68	5.1	4.4 6.6

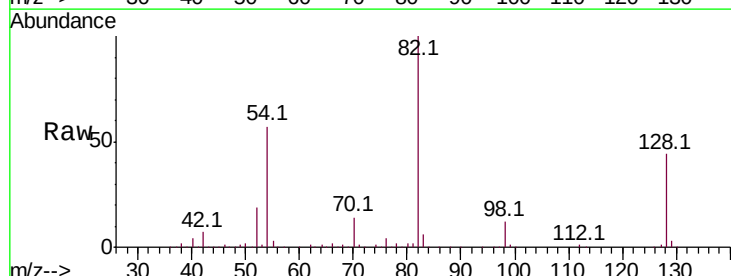


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

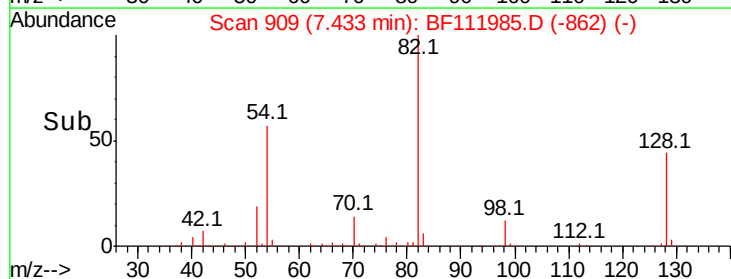
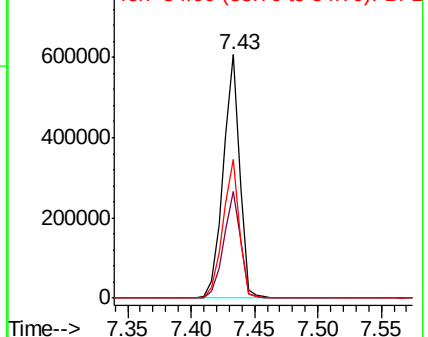


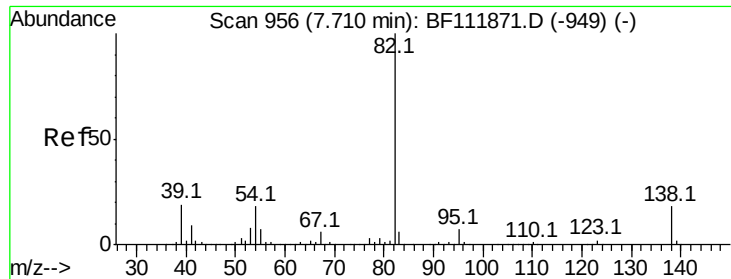
#23
Nitrobenzene-d5
Concen: 69.773 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Tgt Ion: 82	Resp:	549823
Ion Ratio	Lower	Upper
82	100	
128	43.9	35.7 53.5
54	56.7	45.8 68.8



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

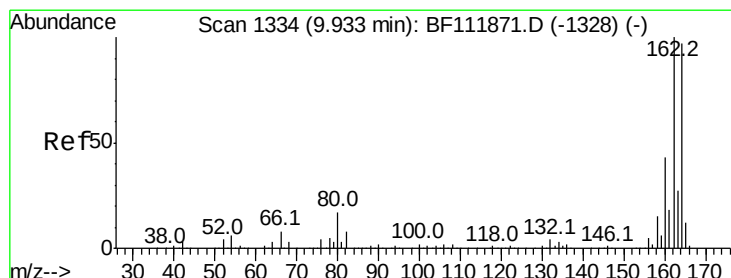
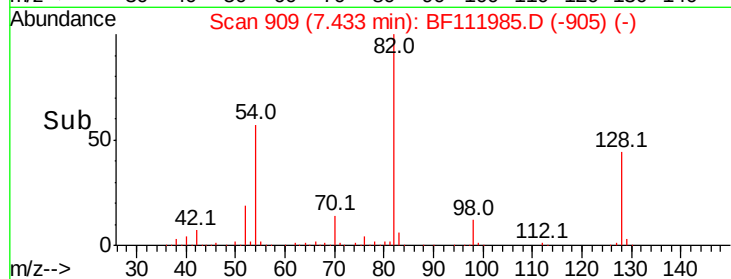
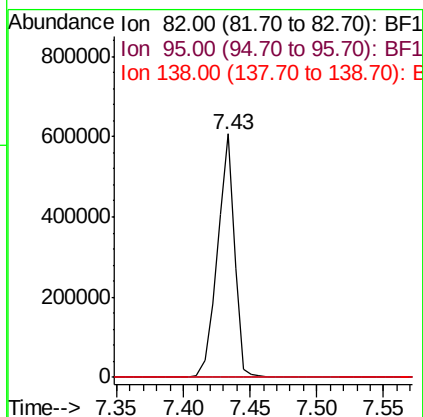
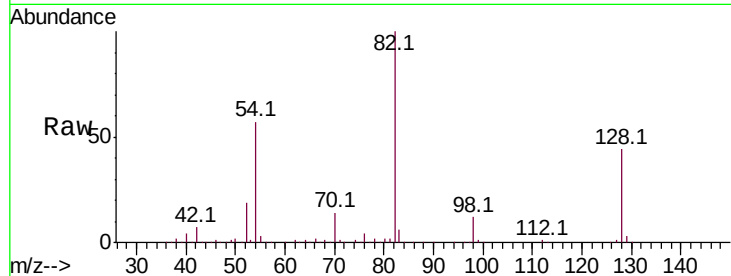




#25
Isophorone
Concen: 43.093 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

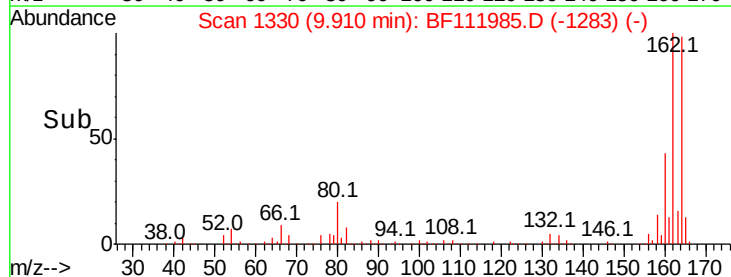
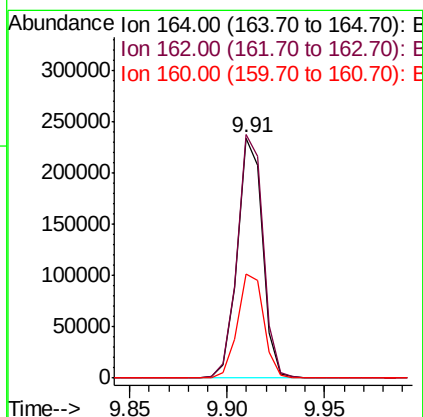
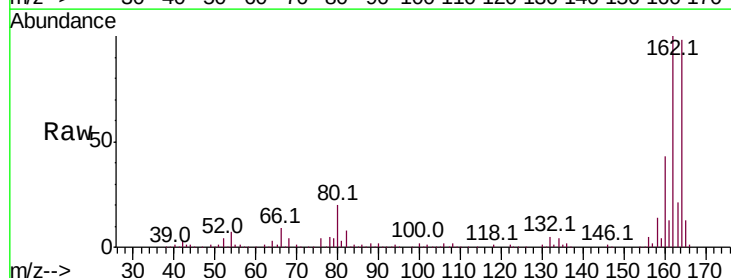
Instrument :
BNA_F
ClientSampleId :

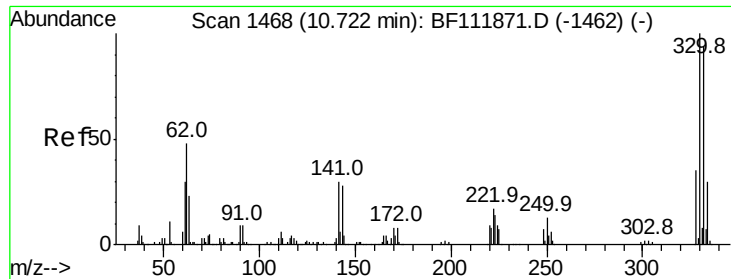
Tot Ion: 82 Resp: 549897
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.4 21.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Tgt Ion:164 Resp: 209351
Ion Ratio Lower Upper
164 100
162 101.5 82.2 123.2
160 43.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 99.687 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

Instrument :

BNA_F

ClientSampled :

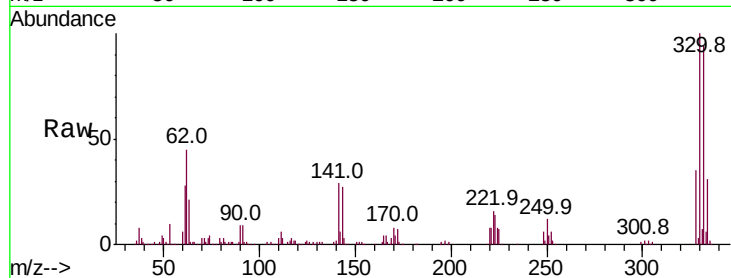
Tot Ion:330 Resp: 271450

Ion Ratio Lower Upper

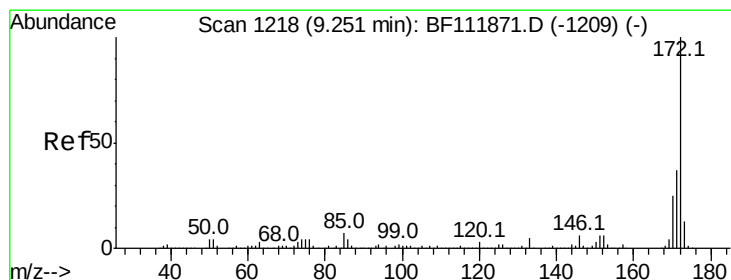
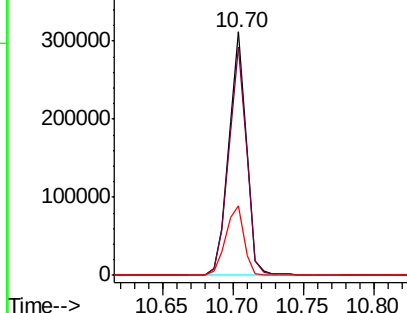
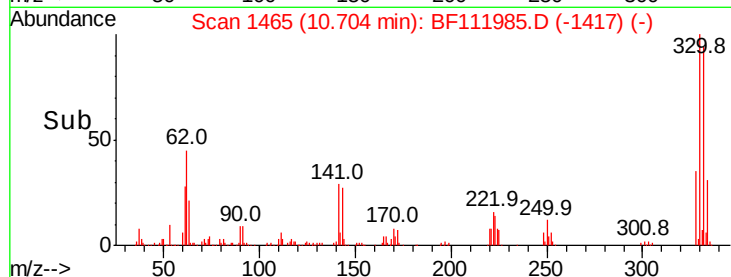
330 100

332 95.2 76.9 115.3

141 30.2 23.7 35.5



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: 74.666 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

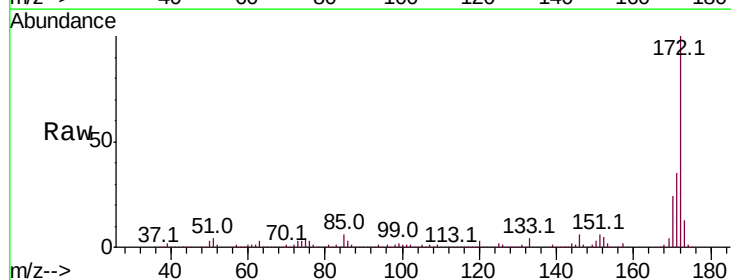
Tgt Ion:172 Resp: 1071961

Ion Ratio Lower Upper

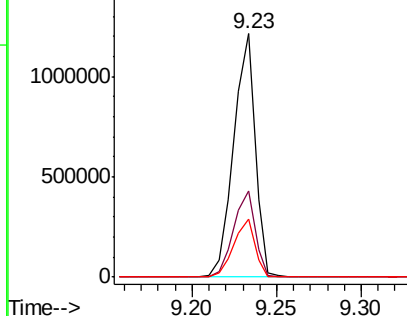
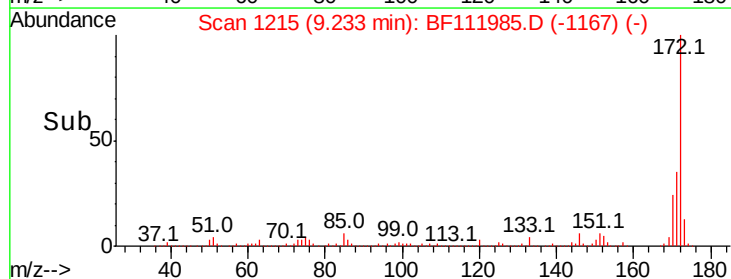
172 100

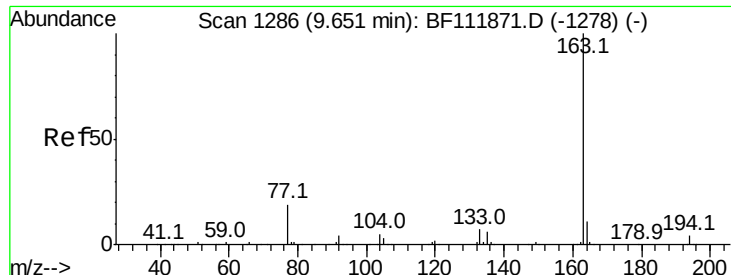
171 35.1 29.6 44.4

170 23.8 19.8 29.8



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

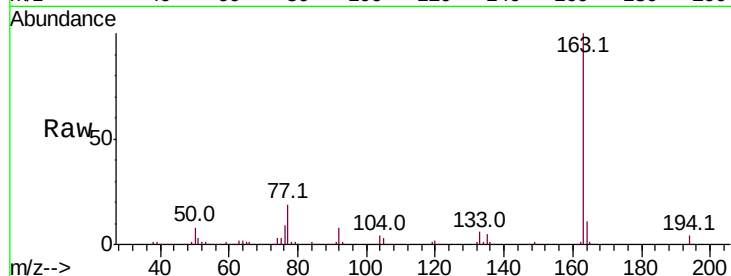




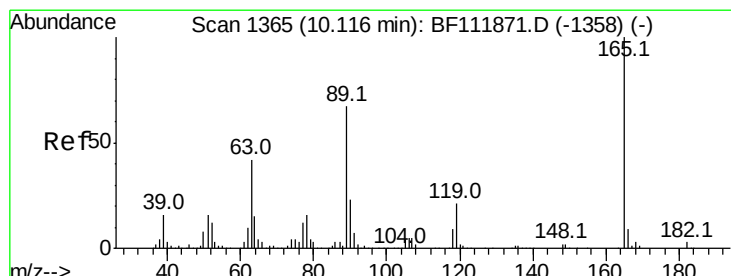
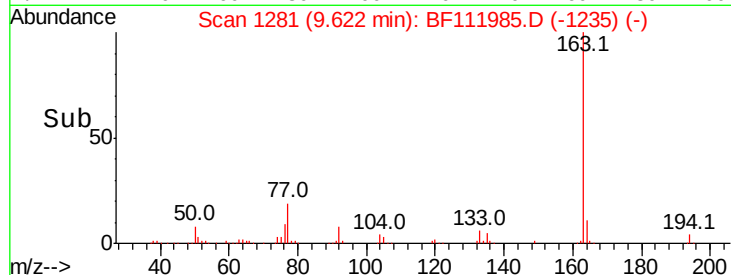
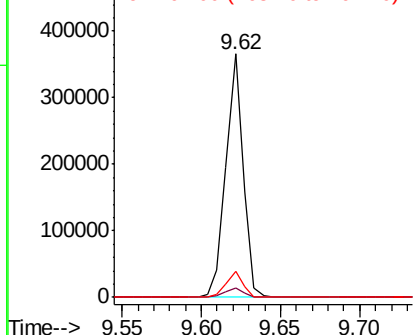
#50
Dimethylphthalate
Concen: 17.586 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 276572
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.6 8.5 12.7

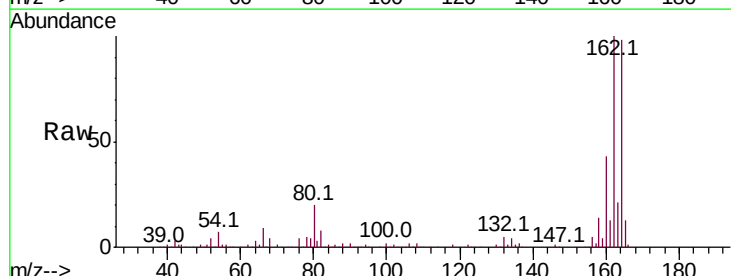


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

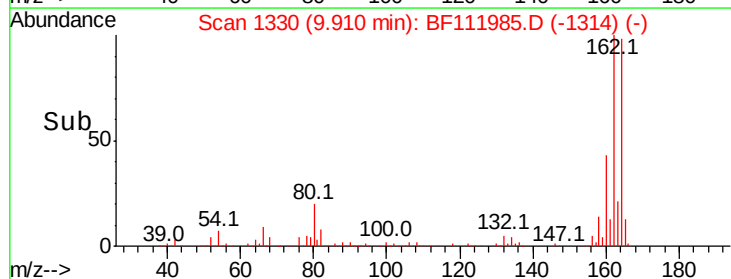
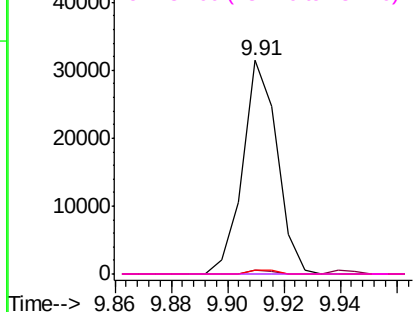


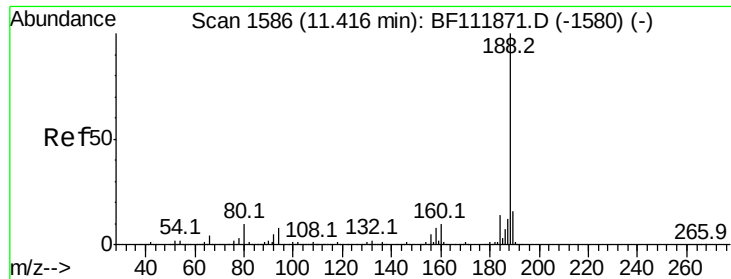
#57
2,4-Dinitrotoluene
Concen: 5.858 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Tgt Ion:165 Resp: 26618
Ion Ratio Lower Upper
165 100
63 1.7 34.1 51.1#
89 1.9 53.5 80.3#
182 0.0 2.0 3.0#



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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

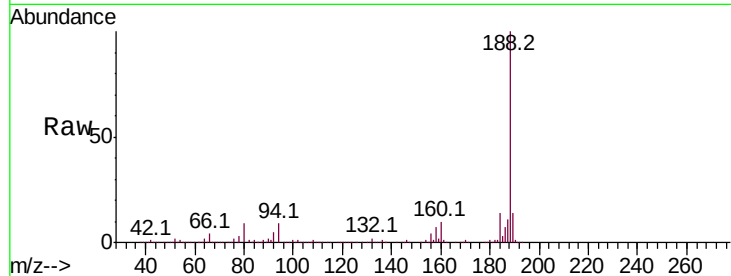
Tot Ion:188 Resp: 389309

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

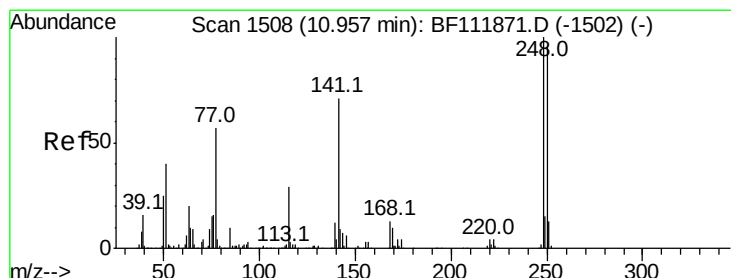
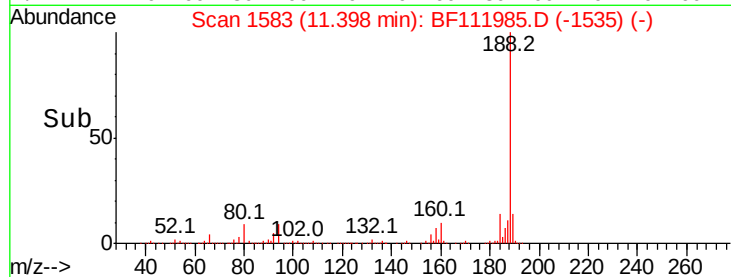
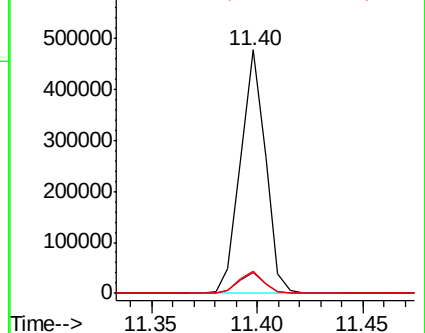
80 9.1 7.7 11.5



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: 3.118 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

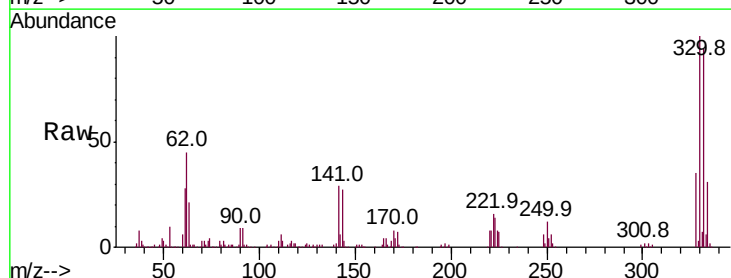
Tgt Ion:248 Resp: 15720

Ion Ratio Lower Upper

248 100

250 216.9 76.8 115.2#

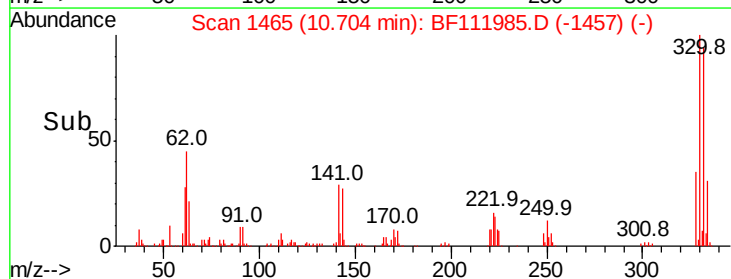
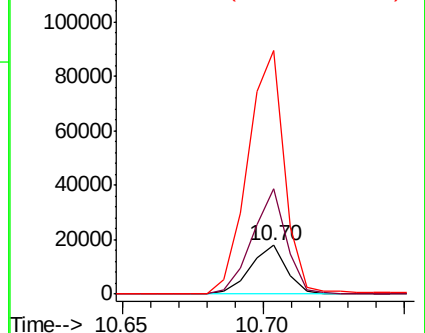
141 501.9 57.0 85.6#

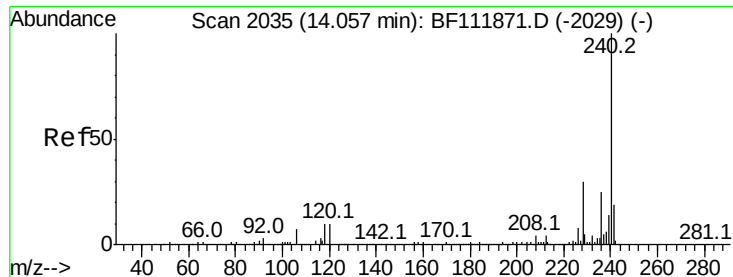


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF111985.D

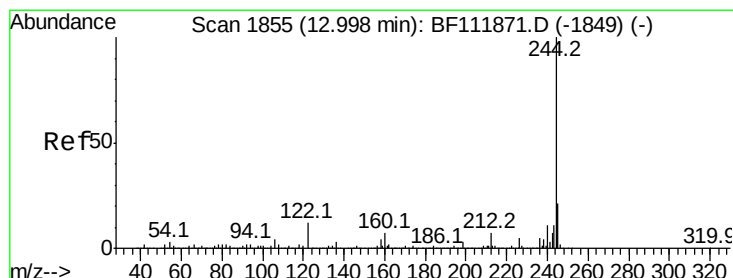
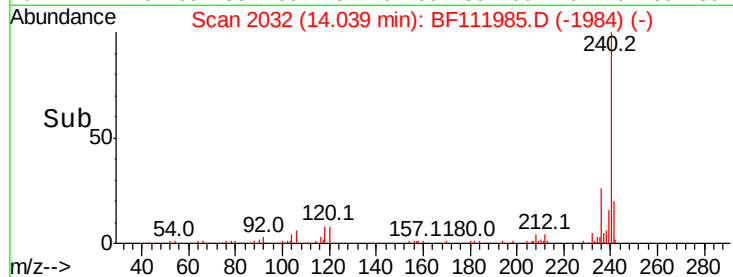
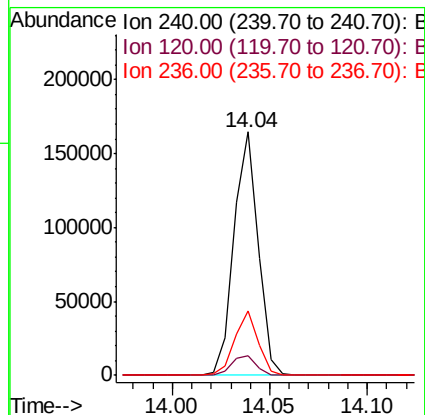
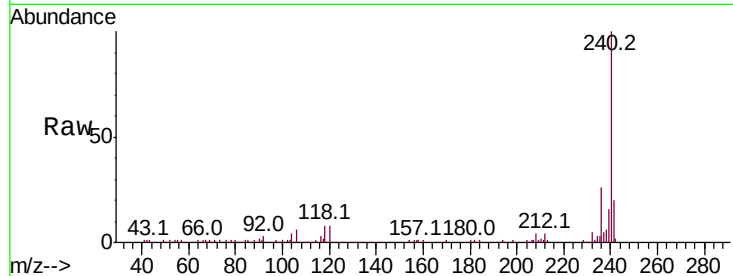
Acq: 10 Jan 2019 14:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:240	Resp:	141730
Ion Ratio	Lower	Upper
240	100	
120	8.2	8.2 12.2
236	26.3	20.2 30.4



#79

Terphenyl-d14

Concen: 78.832 ng

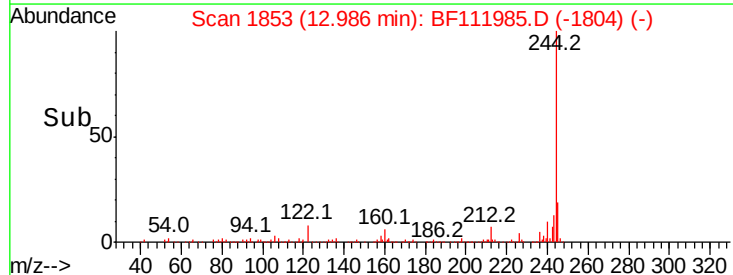
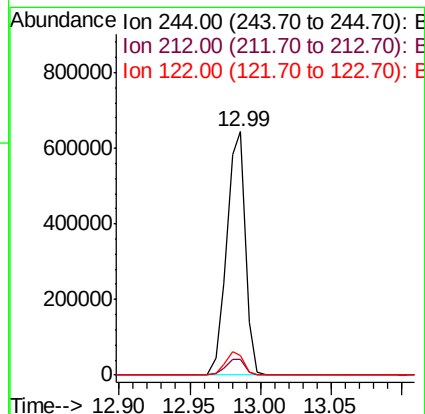
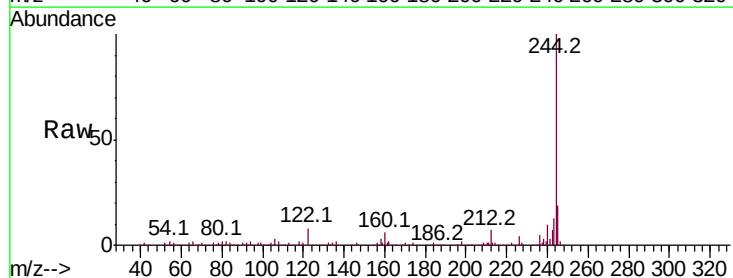
RT: 12.99 min Scan# 1853

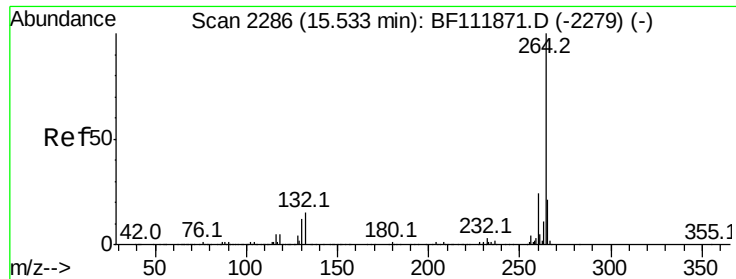
Delta R.T. -0.01 min

Lab File: BF111985.D

Acq: 10 Jan 2019 14:17

Tgt Ion:244	Resp:	588598
Ion Ratio	Lower	Upper
244	100	
212	6.6	5.8 8.8
122	8.1	9.5 14.3#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF111985.D
Acq: 10 Jan 2019 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	21.0	17.1	25.7

