

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099320.D
 Acq On : 11 Oct 2017 00:40
 Operator : SJ/JU
 Sample : I5745-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 02:12:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

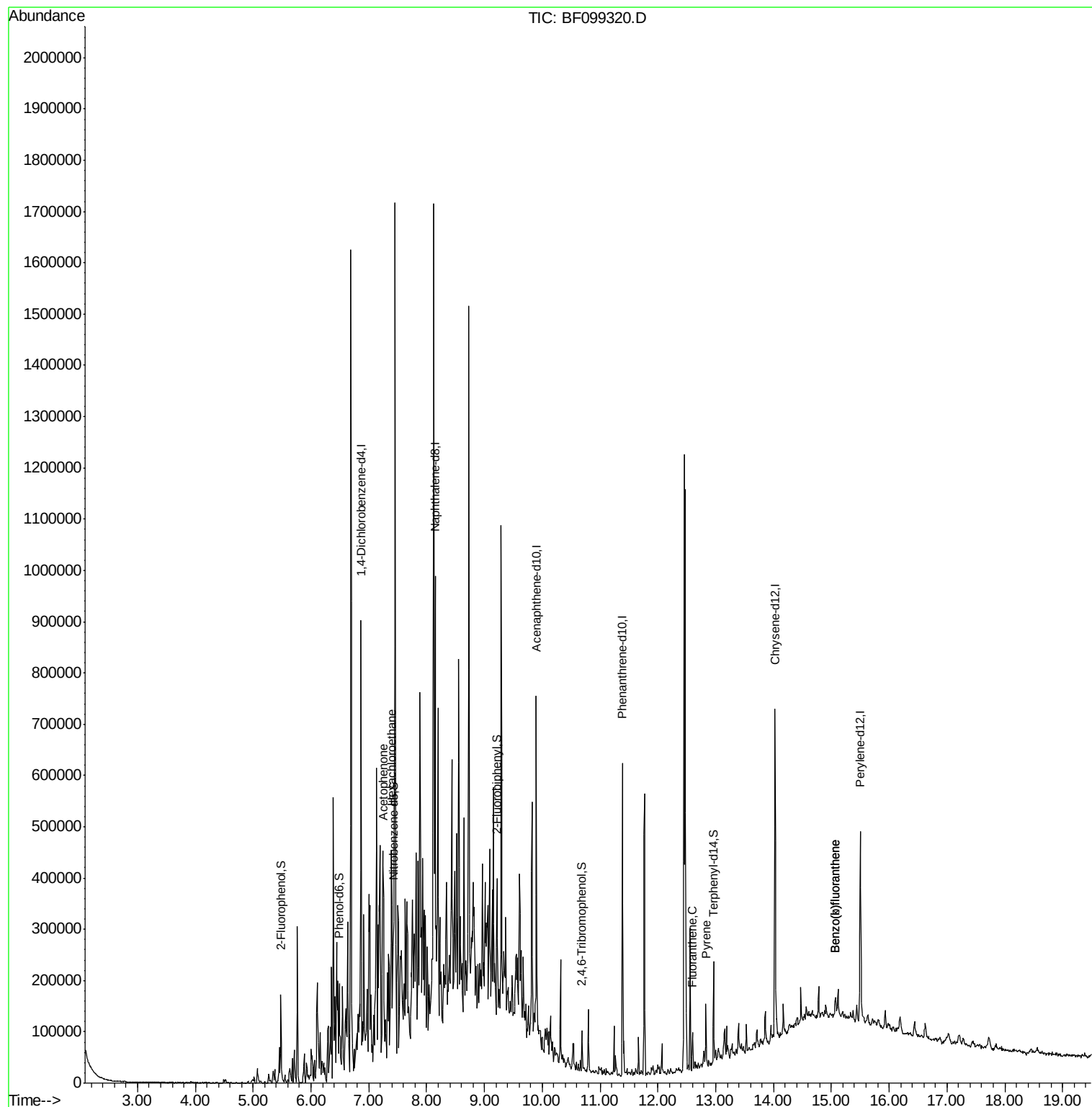
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	90598	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	336810	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	126967	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	200689	20.00	ng	0.00
75) Chrysene-d12	14.03	240	194457	20.00	ng	0.00
86) Perylene-d12	15.50	264	144593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	60124	10.56	ng	0.00
7) Phenol-d6	6.49	99	68012	9.69	ng	-0.01
23) Nitrobenzene-d5	7.42	82	37216	7.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	8568	8.25	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	74192	9.76	ng	-0.01
78) Terphenyl-d14	12.96	244	58609	6.85	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.39	117	14524	5.88	ng	# 1
22) Acetophenone	7.25	105	66290	8.12	ng	# 58
74) Fluoranthene	12.60	202	25527	2.35	ng	97
77) Pyrene	12.83	202	30208	2.04	ng	96
87) Benzo(b)fluoranthene	15.07	252	21492	2.42	ng	# 77
88) Benzo(k)fluoranthene	15.07	252	21492	2.45	ng	# 80

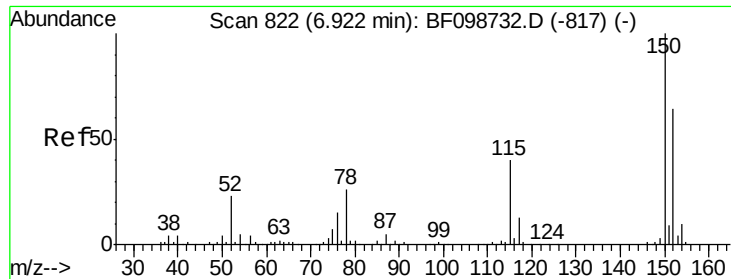
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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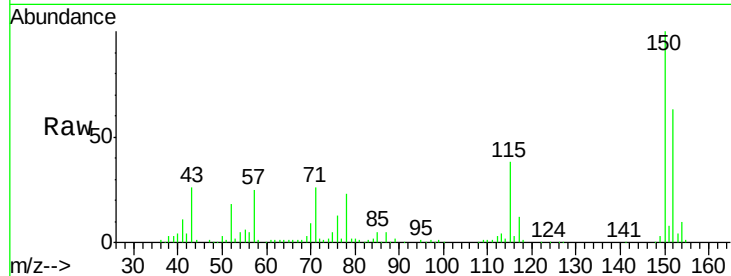


#1

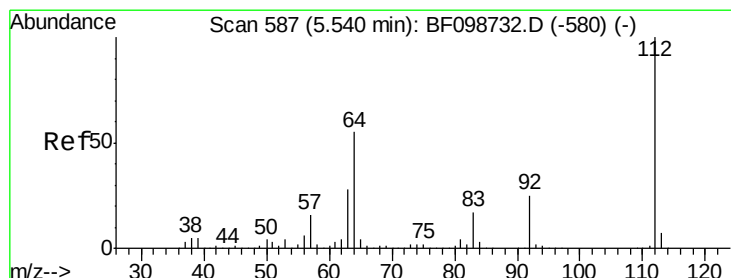
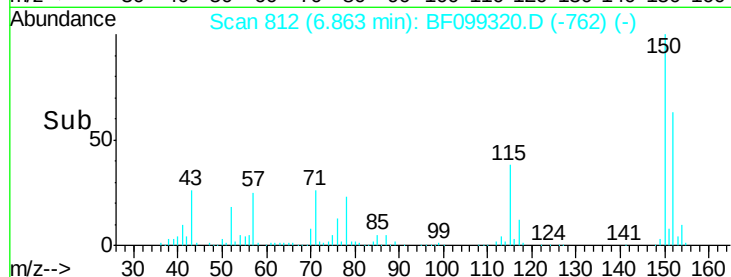
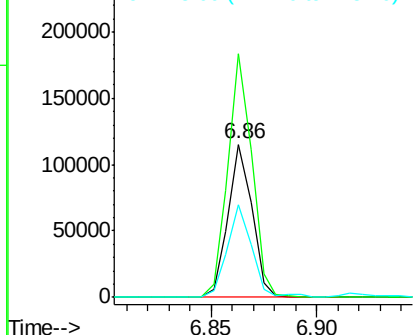
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 90598
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.8 50.1 75.1



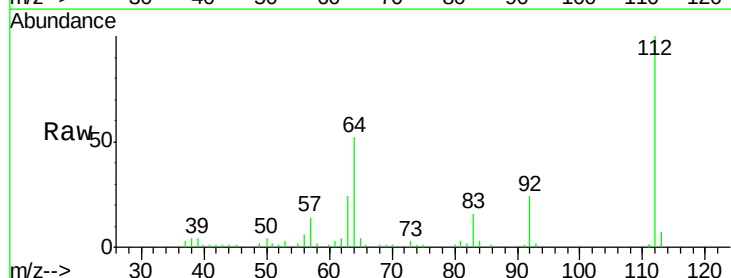
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



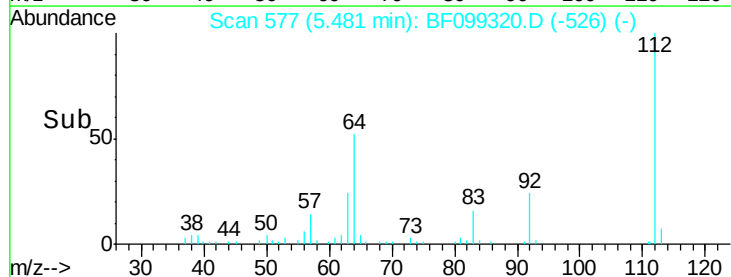
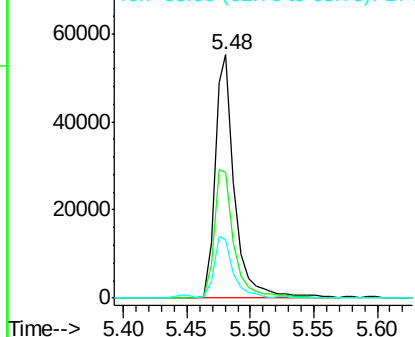
#5

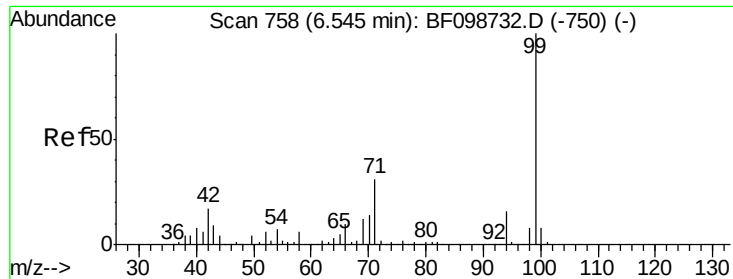
2-Fluorophenol
Concen: 10.56 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Tgt Ion:112 Resp: 60124
Ion Ratio Lower Upper
112 100
64 51.8 47.9 71.9
63 23.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.69 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099320.D

Acq: 11 Oct 2017 00:40

Instrument :

BNA_F

ClientSampleId :

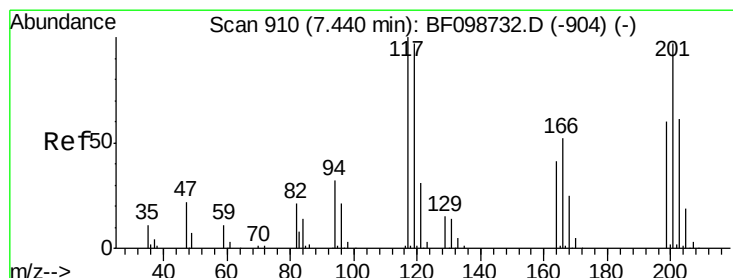
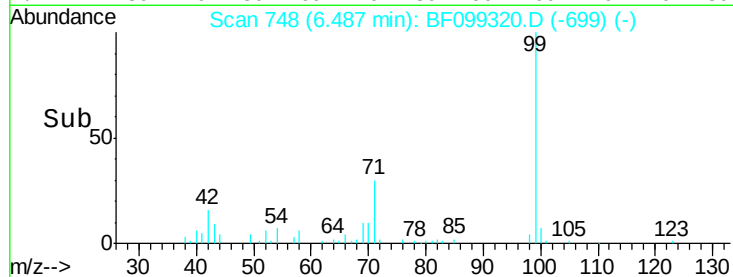
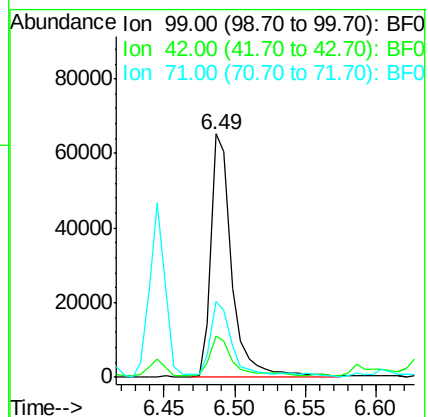
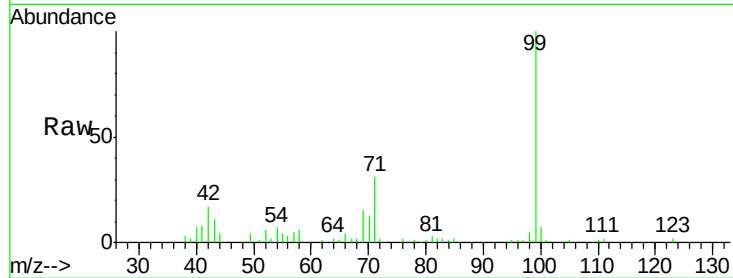
Tot Ion: 99 Resp: 68012

Ion Ratio Lower Upper

99 100

42 17.2 14.5 21.7

71 31.5 25.4 38.0



#18

Hexachloroethane

Concen: 5.88 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF099320.D

Acq: 11 Oct 2017 00:40

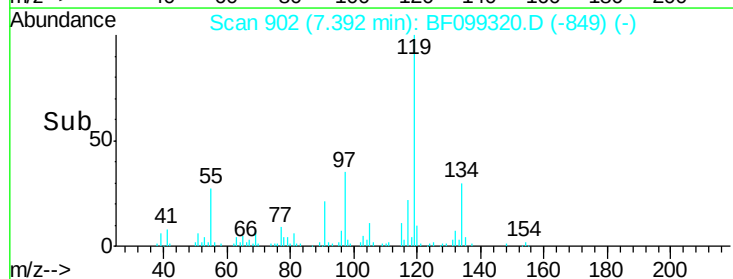
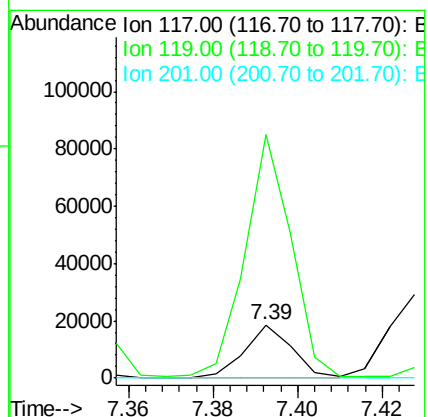
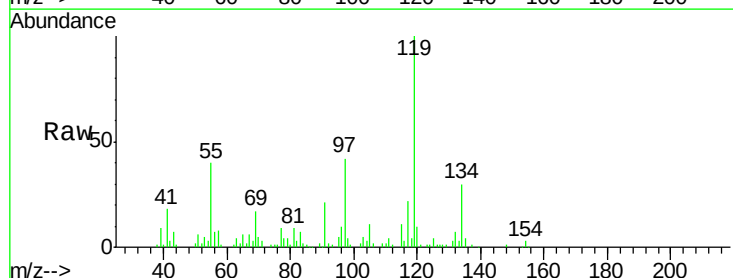
Tgt Ion: 117 Resp: 14524

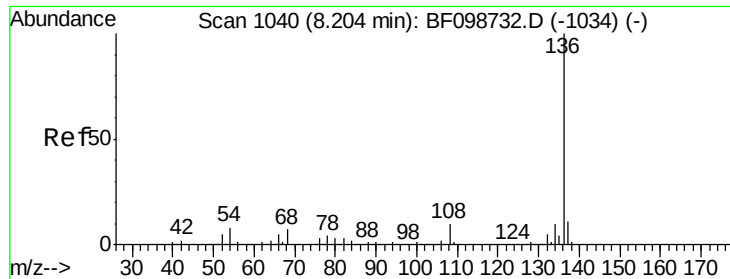
Ion Ratio Lower Upper

117 100

119 457.1 75.8 113.8#

201 0.0 75.7 113.5#

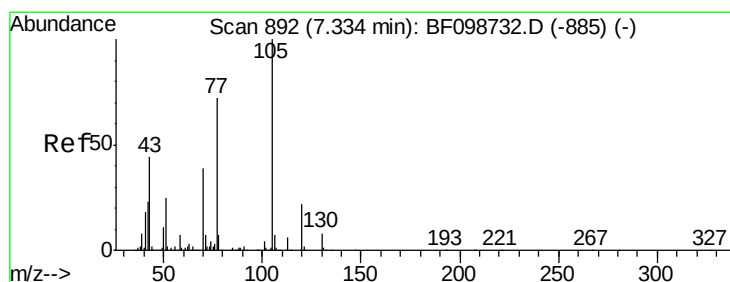
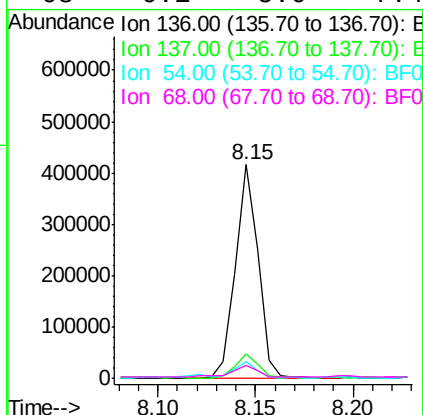
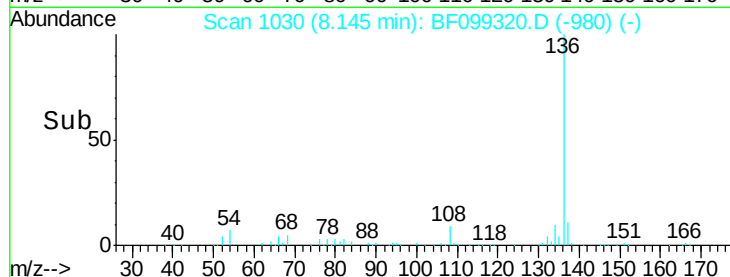
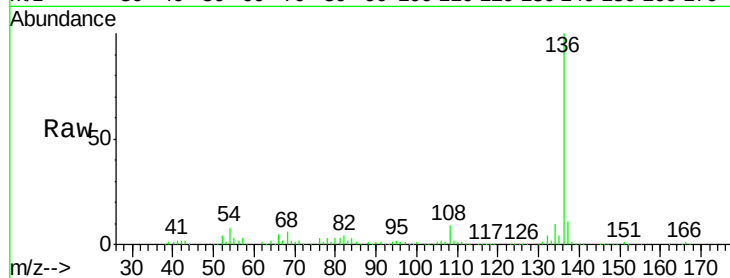




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

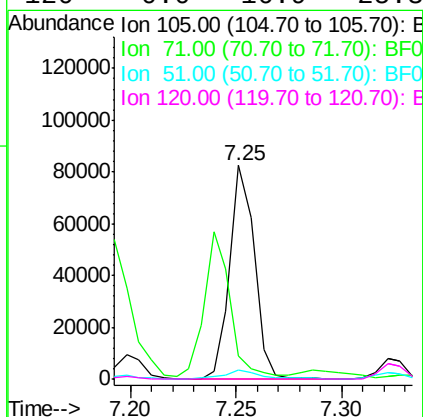
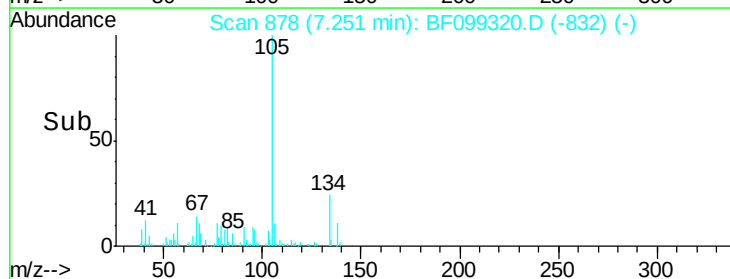
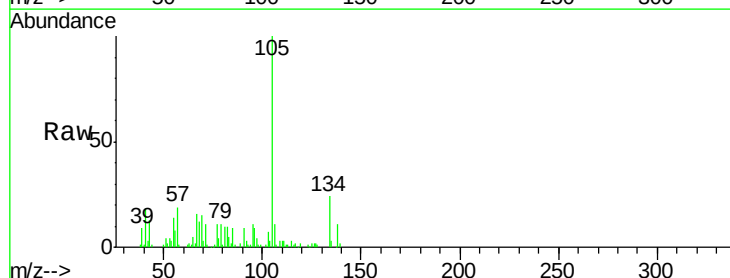
Instrument :
BNA_F
ClientSampleId :

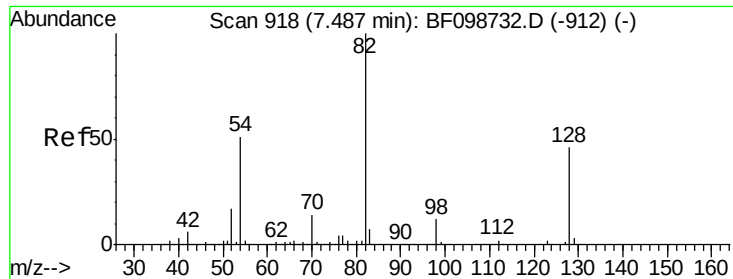
Tot Ion:136	Resp:	336810
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.9	13.3
54 7.6	6.6	9.8
68 6.1	5.0	7.4



#22
Acetophenone
Concen: 8.12 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Tgt	Ion:105	Resp:	66290
Ion	Ratio	Lower	Upper
105	100		
71	10.8	4.4	6.6#
51	4.2	22.3	33.5#
120	0.0	16.9	25.3#

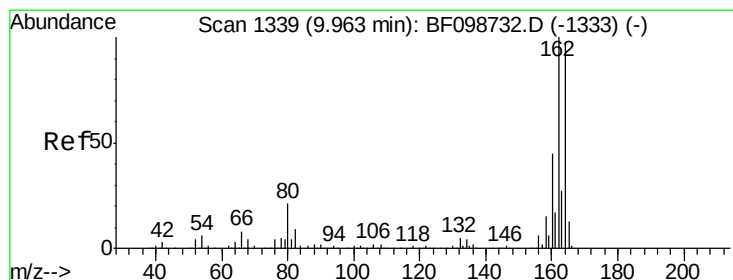
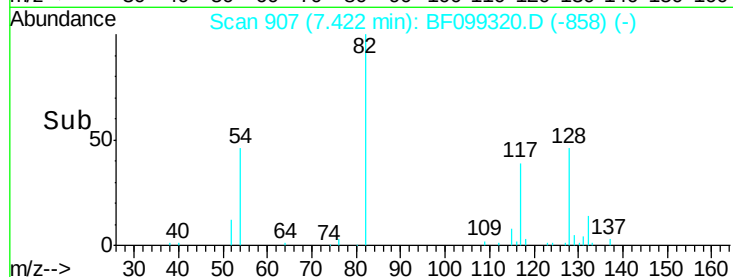
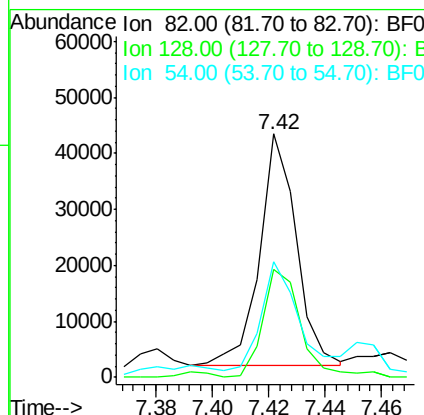
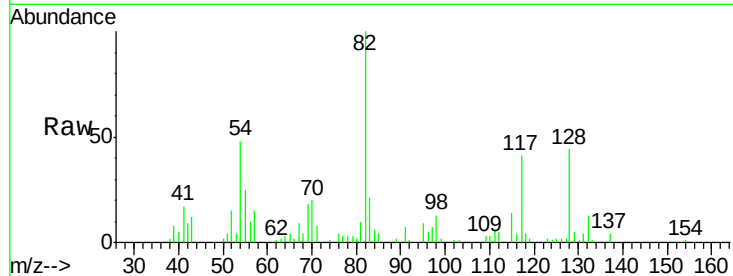




#23
Nitrobenzene-d5
Concen: 7.09 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

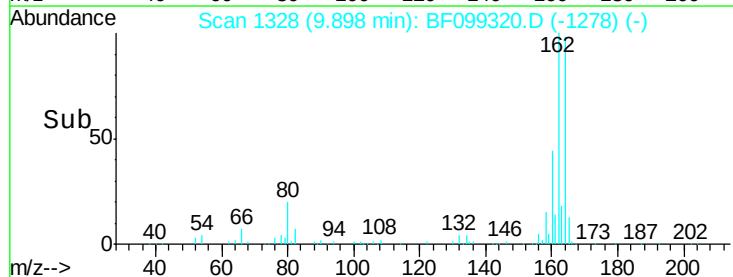
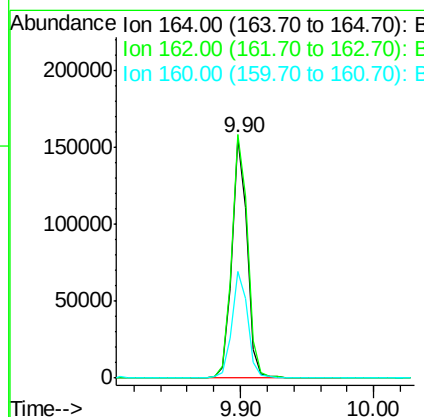
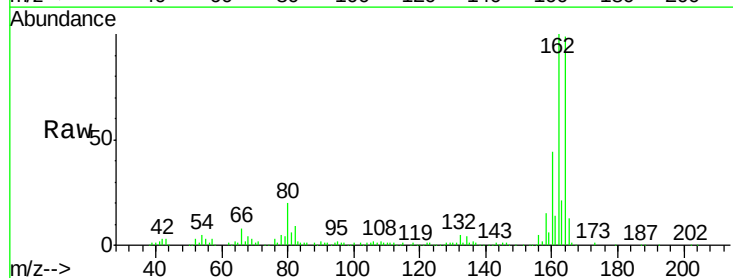
Instrument :
BNA_F
ClientSampled :

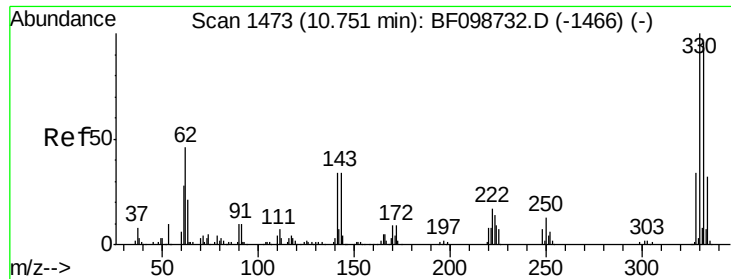
Tot Ion	82	Resp	37216
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.1	54.1
54	47.7	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Tgt Ion	164	Resp	126967
Ion Ratio	Lower	Upper	
164	100		
162	101.4	86.1	129.1
160	44.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 8.25 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF099320.D

Acq: 11 Oct 2017 00:40

Instrument :

BNA_F

ClientSampleId :

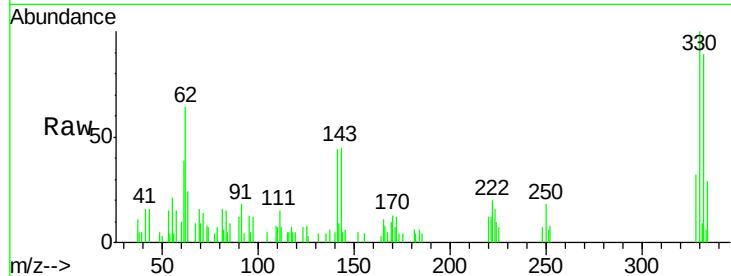
Tot Ion:330 Resp: 8568

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

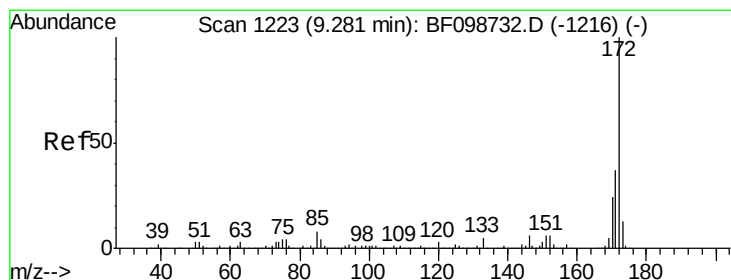
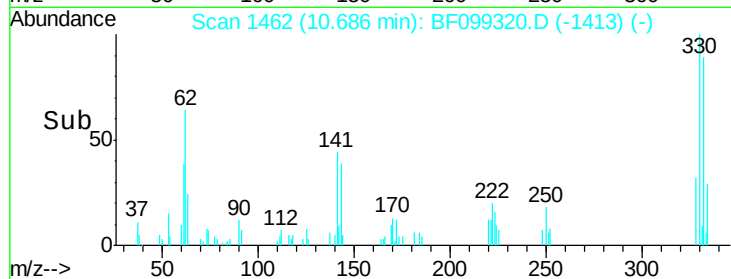
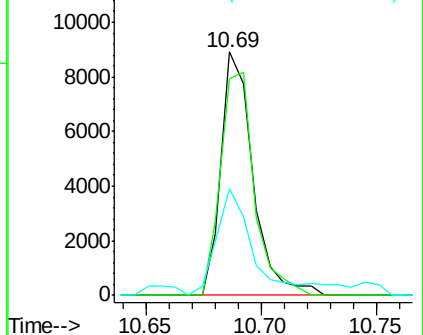
141 54.1 29.9 44.9#



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



#44

2-Fluorobiphenyl

Concen: 9.76 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099320.D

Acq: 11 Oct 2017 00:40

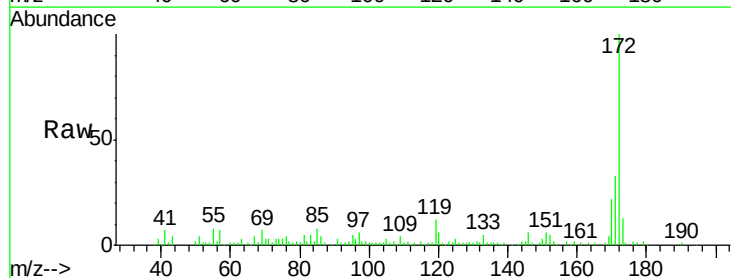
Tgt Ion:172 Resp: 74192

Ion Ratio Lower Upper

172 100

171 33.0 29.7 44.5

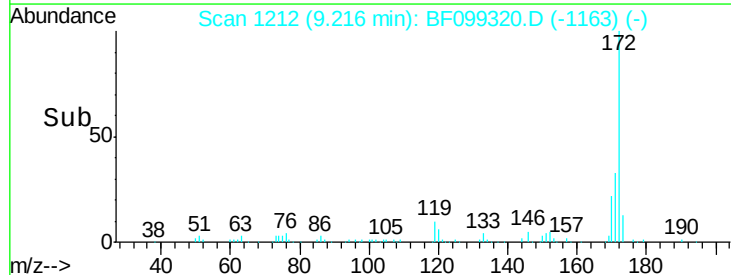
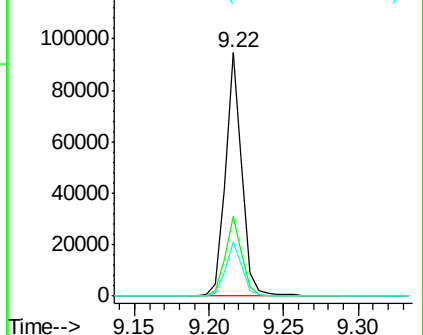
170 22.4 19.6 29.4

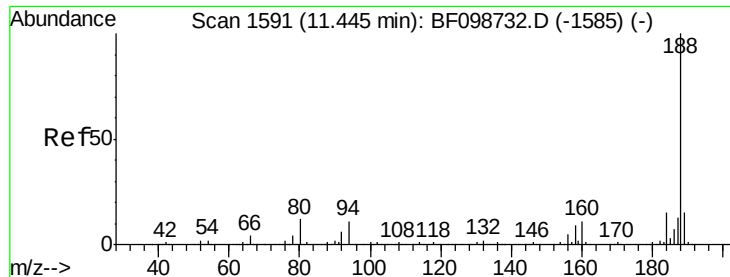


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

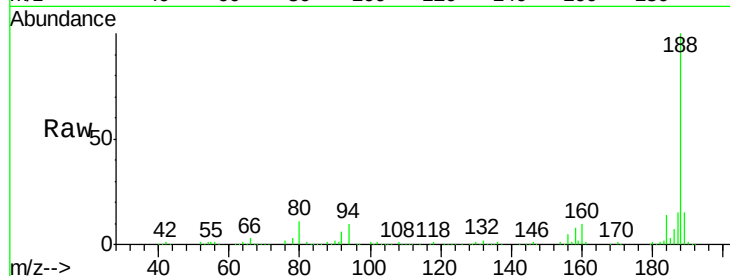




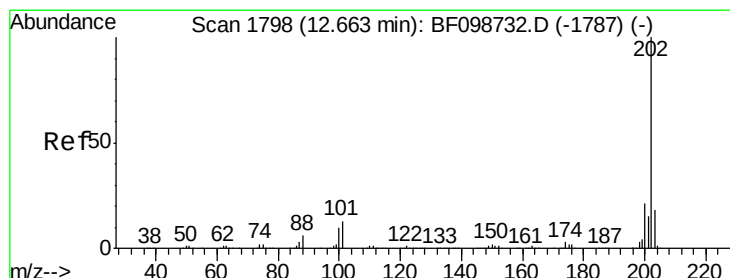
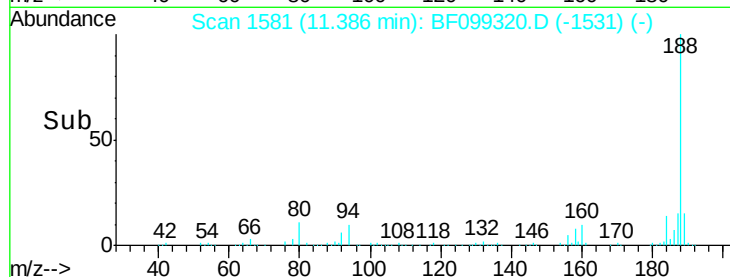
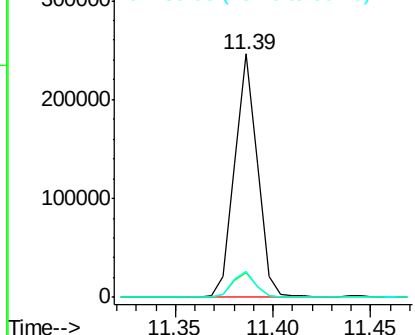
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 200689
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.7 9.2 13.8

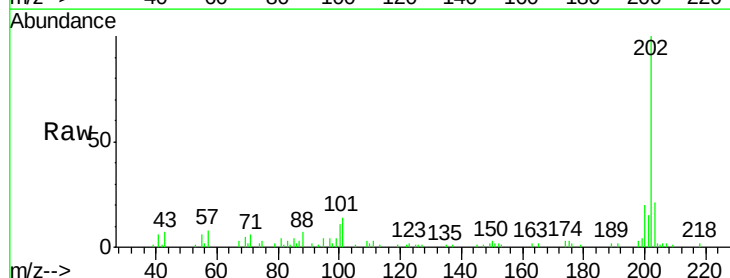


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

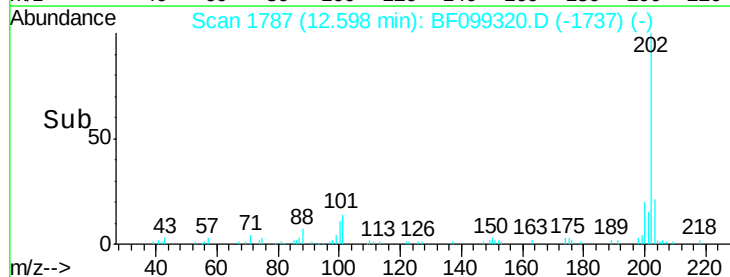
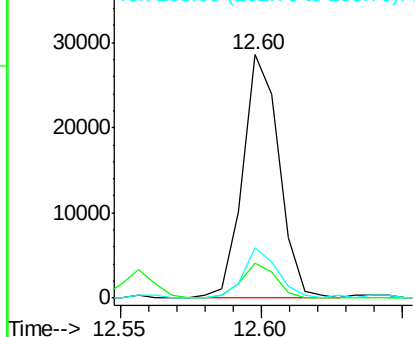


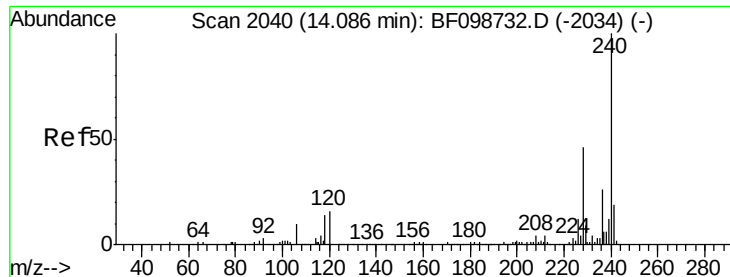
#74
Fluoranthene
Concen: 2.35 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Tgt Ion:202 Resp: 25527
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.1
203 20.8 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099320.D

Acq: 11 Oct 2017 00:40

Instrument :

BNA_F

ClientSampleId :

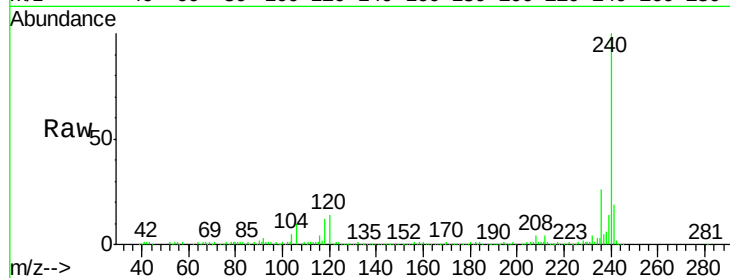
Tot Ion:240 Resp: 194457

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

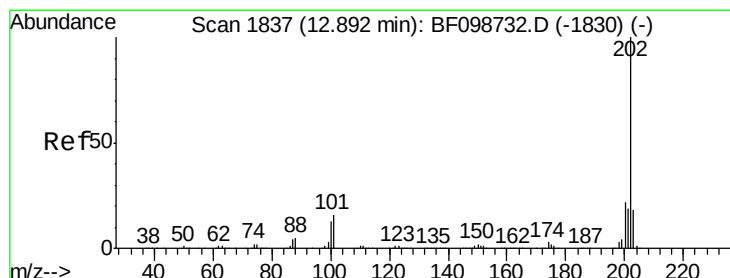
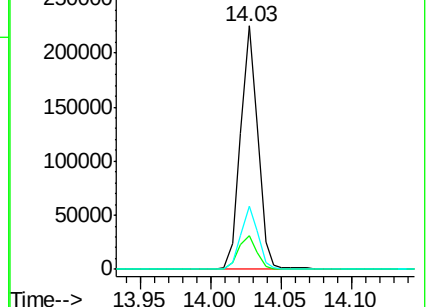
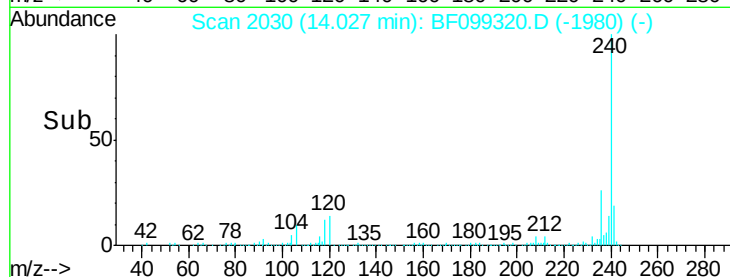
236 26.1 20.7 31.1



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



#77

Pyrene

Concen: 2.04 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF099320.D

Acq: 11 Oct 2017 00:40

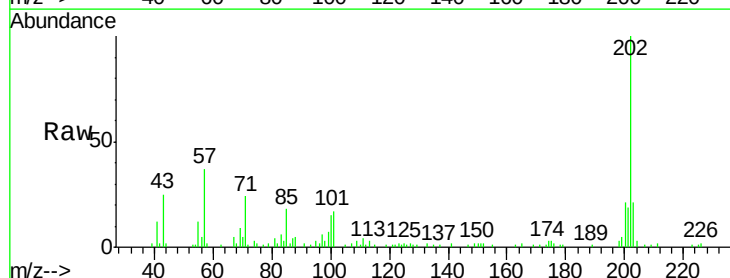
Tgt Ion:202 Resp: 30208

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

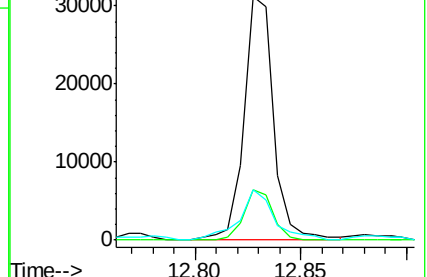
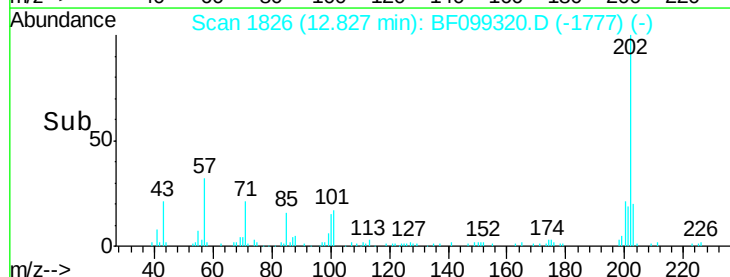
203 20.8 14.3 21.5

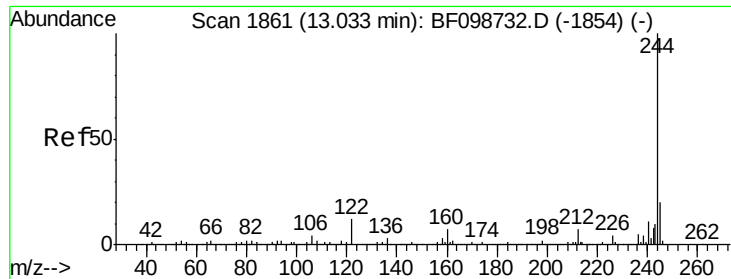


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

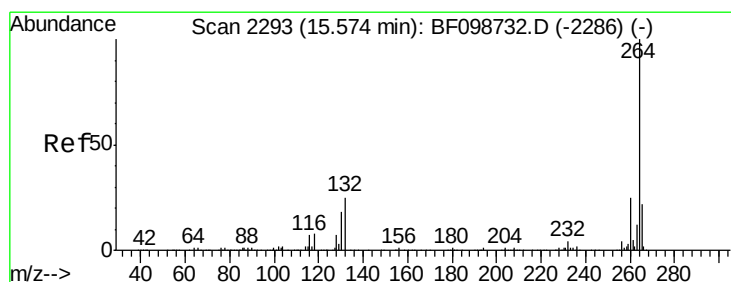
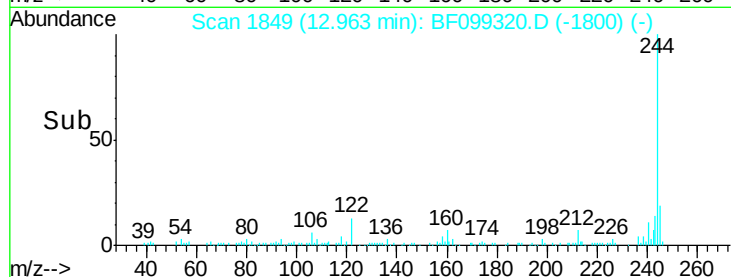
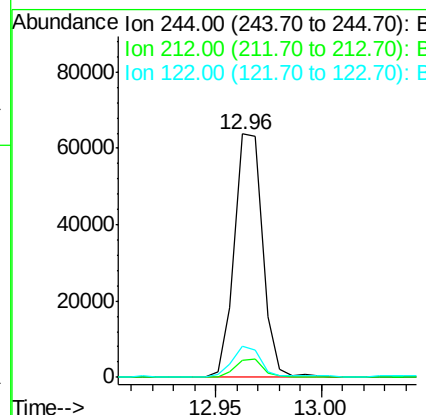
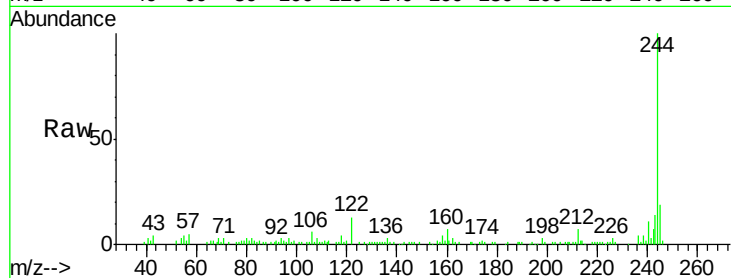




#78
 Terphenyl-d14
 Concen: 6.85 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099320.D
 Acq: 11 Oct 2017 00:40

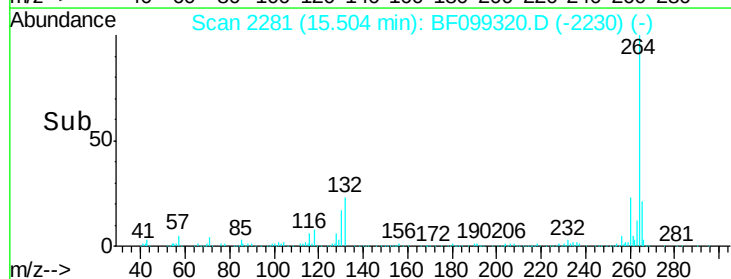
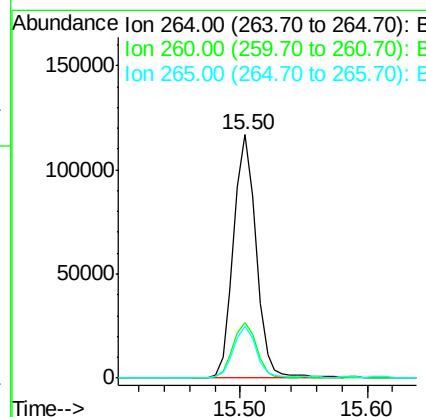
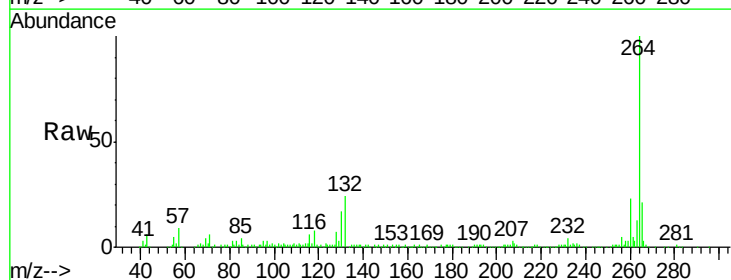
Instrument :
 BNA_F
 ClientSampleId :

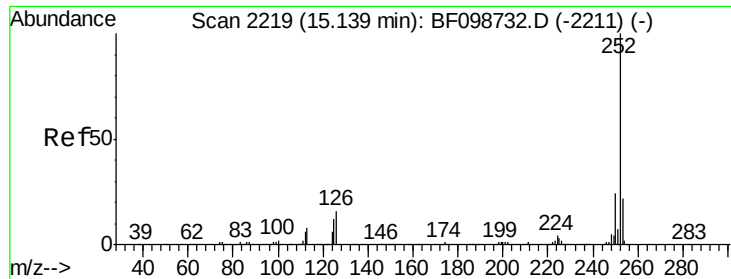
Tot Ion:244 Resp: 58609
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099320.D
 Acq: 11 Oct 2017 00:40

Tgt Ion:264 Resp: 144593
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.1 17.5 26.3

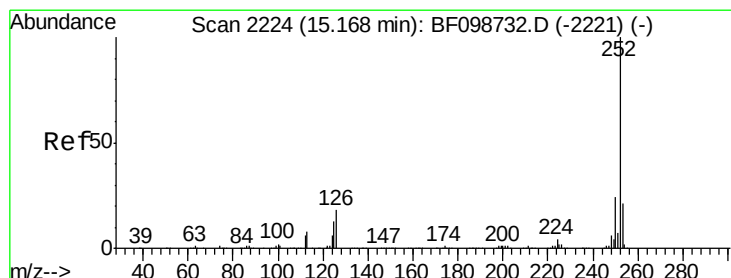
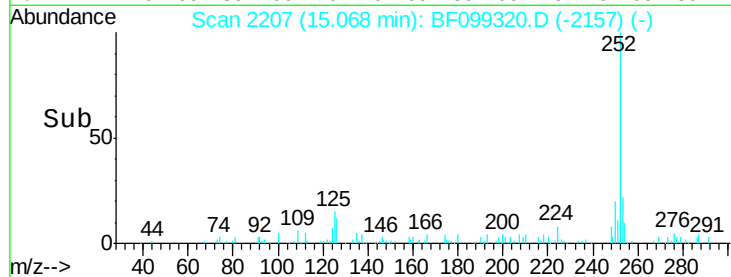
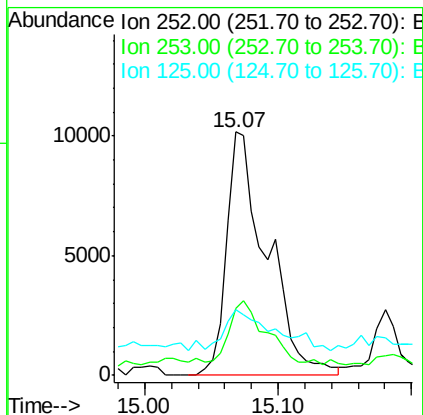
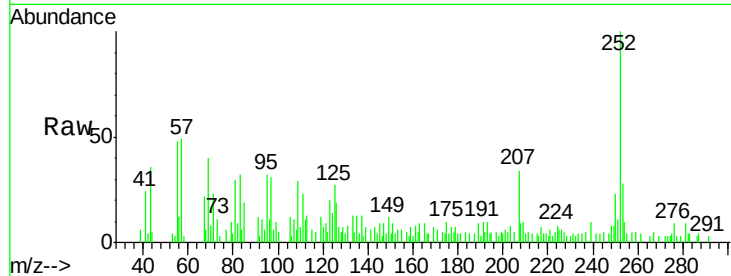




#87
Benzo(b)fluoranthene
Concen: 2.42 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.0	25.6#
125	27.2	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 2.45 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF099320.D
Acq: 11 Oct 2017 00:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.9	26.9#
125	27.2	10.2	15.2#

