

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098523.D
 Acq On : 14 Sep 2017 12:26
 Operator : SJ/JU
 Sample : I5203-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Quant Time: Sep 21 16:55:41 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 16:40:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	136514	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	564701	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	253057	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	464312	20.00	ng	0.00
75) Chrysene-d12	13.79	240	273435	20.00	ng	-0.01
86) Perylene-d12	15.19	264	289607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1111214	120.35	ng	0.02
7) Phenol-d6	6.30	99	1259099	107.40	ng	0.00
23) Nitrobenzene-d5	7.22	82	902300	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	294552	174.40	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1536324	102.90	ng	0.00
78) Terphenyl-d14	12.75	244	1252107	98.84	ng	0.00

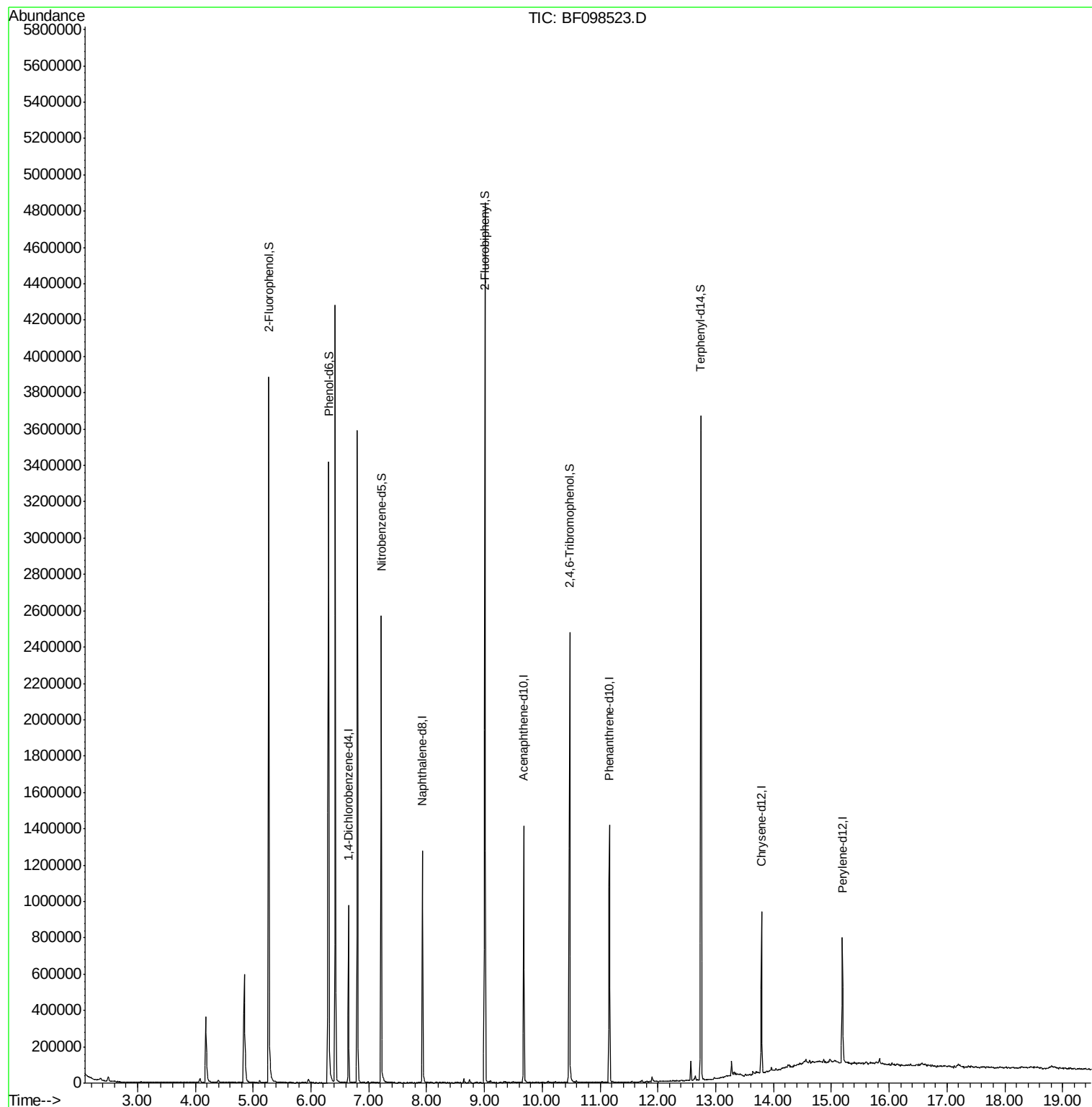
Target Compounds	Qvalue
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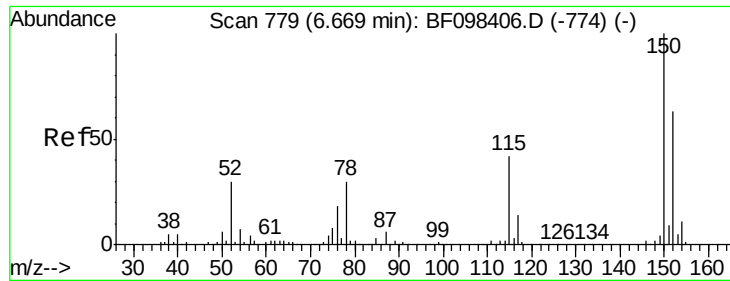
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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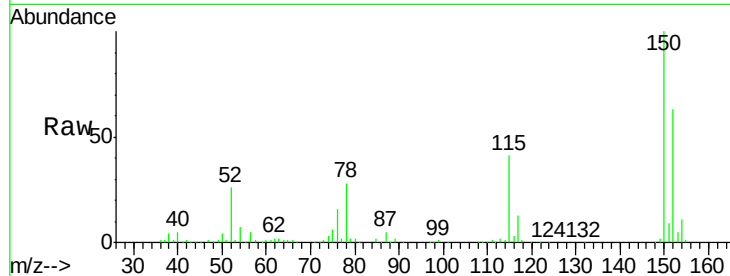


#1

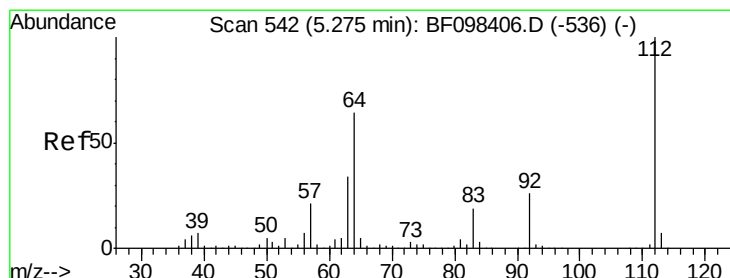
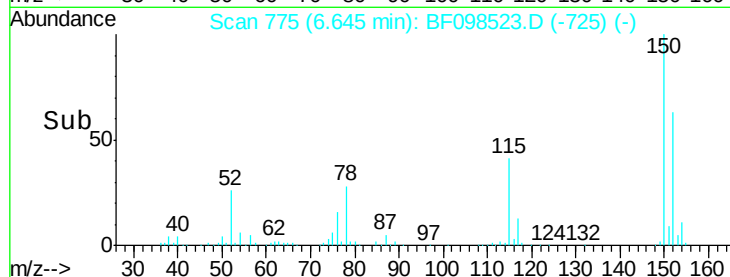
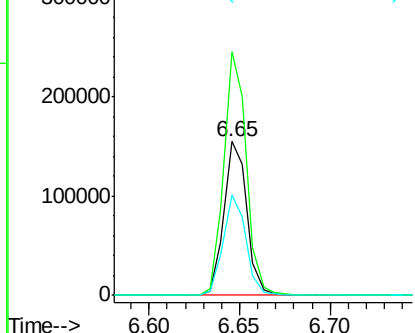
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:152 Resp: 136514
Ion Ratio Lower Upper
152 100
150 158.2 126.2 189.2
115 65.4 52.2 78.2



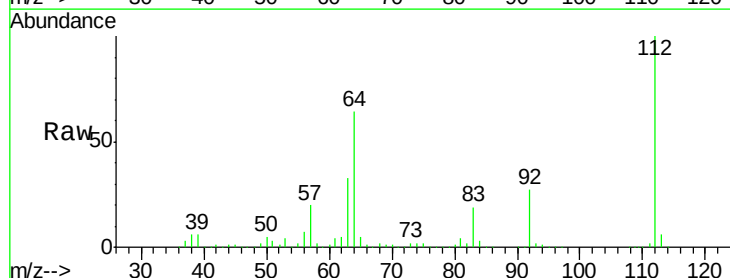
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



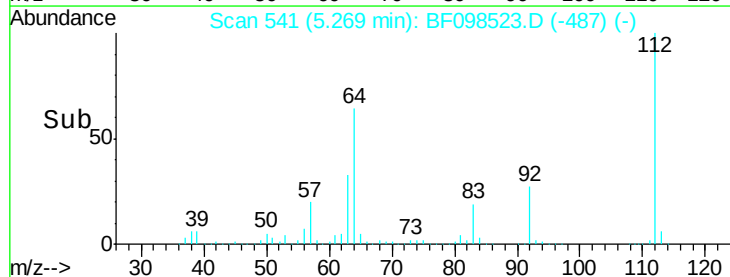
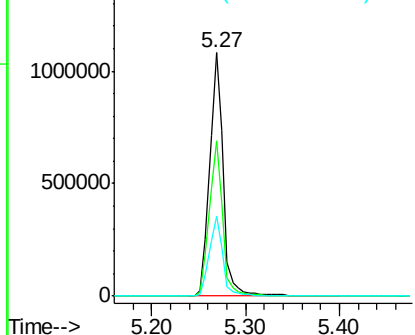
#5

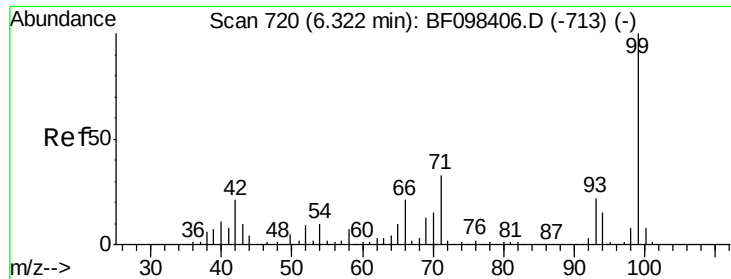
2-Fluorophenol
Concen: 120.351 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.02 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:112 Resp: 1111214
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 32.9 23.4 35.0



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: 107.404 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF098523.D

Acq: 14 Sep 2017 12:26

Instrument :

BNA_F

ClientSampleId :

A4129

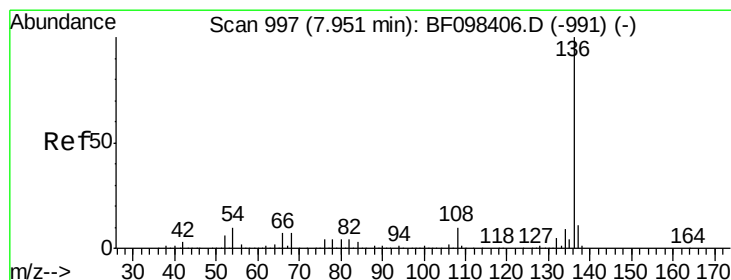
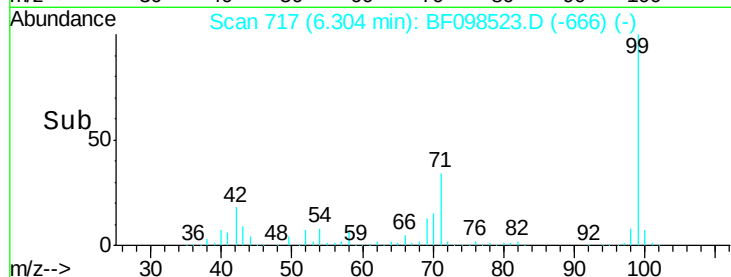
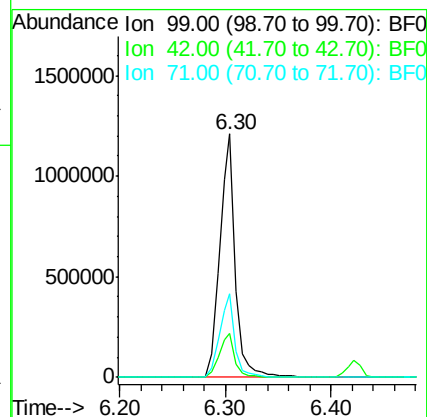
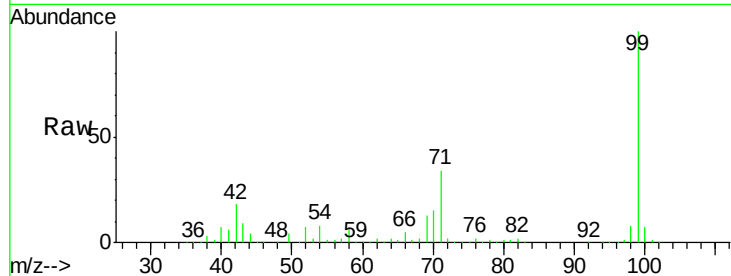
Tgt Ion: 99 Resp: 1259099

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

71 34.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF098523.D

Acq: 14 Sep 2017 12:26

Tgt Ion: 136 Resp: 564701

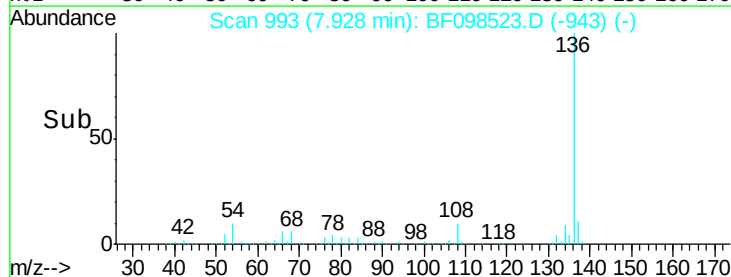
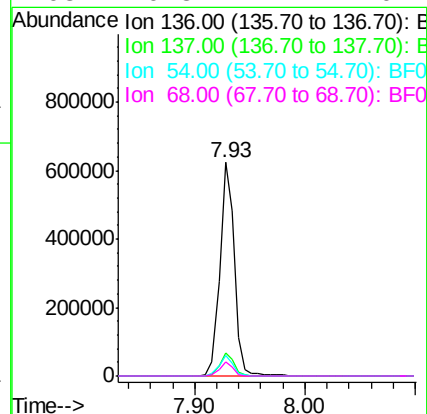
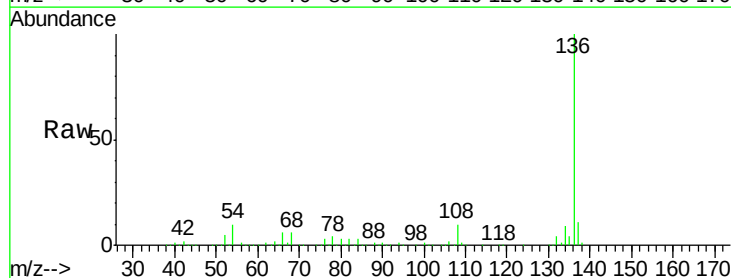
Ion Ratio Lower Upper

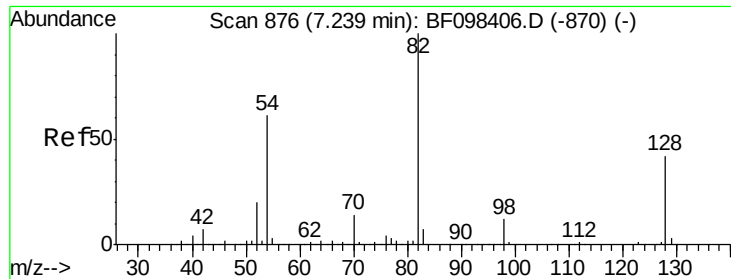
136 100

137 11.0 8.5 12.7

54 9.6 4.9 7.3#

68 6.3 4.1 6.1#

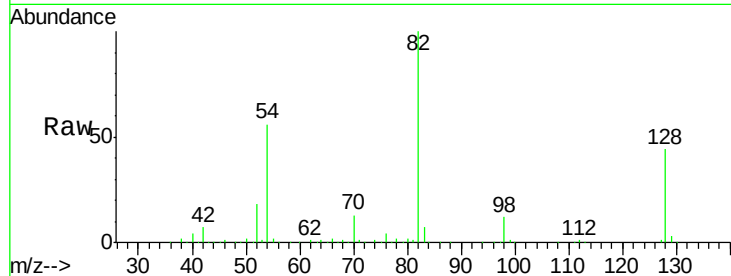




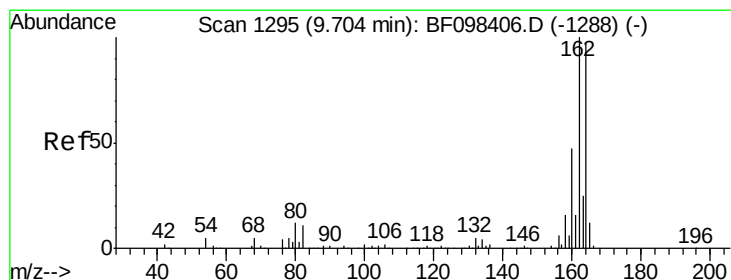
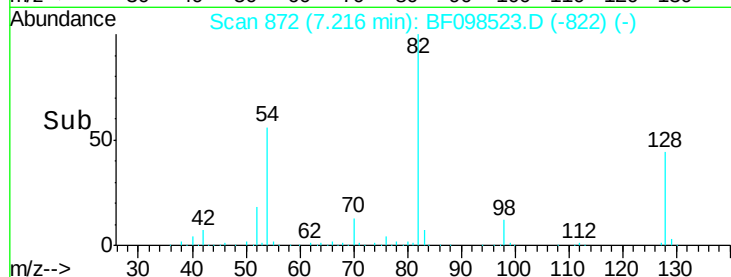
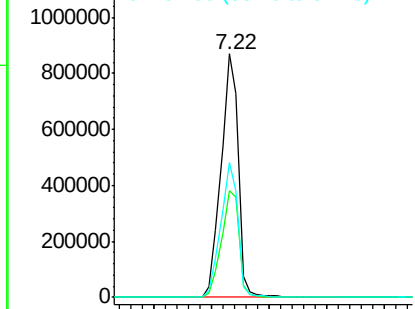
#23
 Nitrobenzene-d5
 Concen: 89.079 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BF098523.D
 Acq: 14 Sep 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	55.6	42.2	63.2

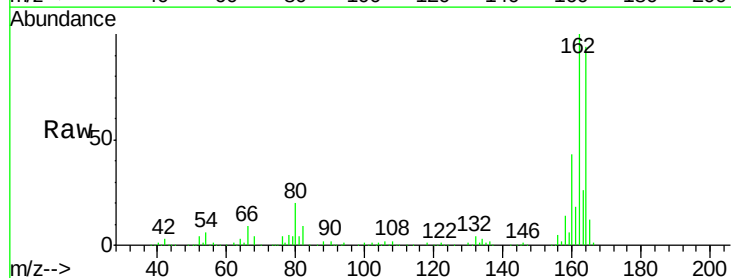


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

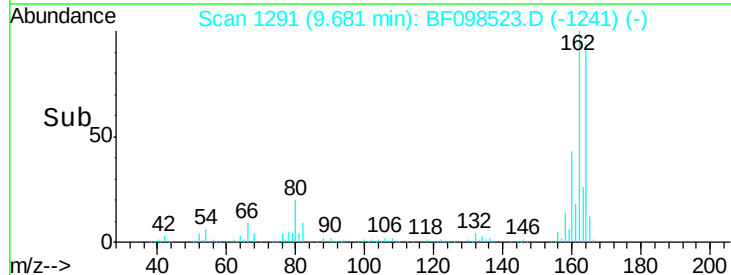
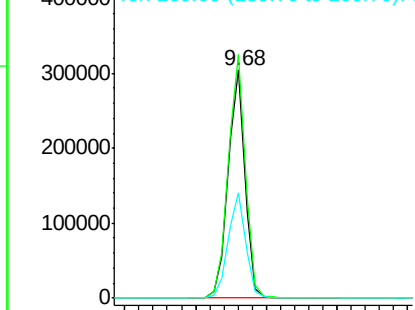


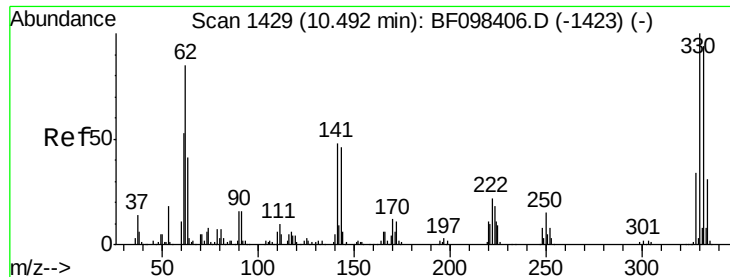
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF098523.D
 Acq: 14 Sep 2017 12:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.6	123.8
160	46.4	36.2	54.2



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





#41

2,4,6-Tribromophenol

Concen: 174.400 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF098523.D

Acq: 14 Sep 2017 12:26

Instrument :

BNA_F

ClientSampleId :

A4129

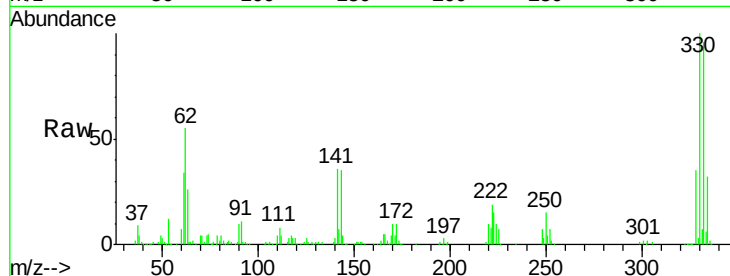
Tgt Ion:330 Resp: 294552

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

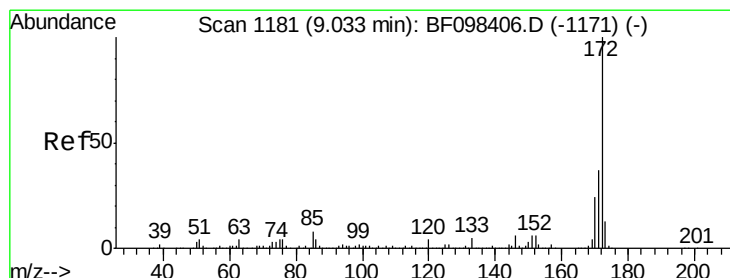
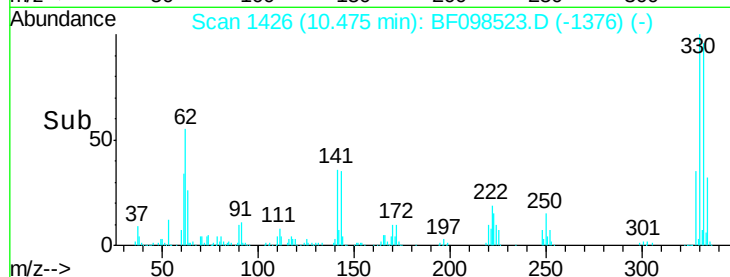
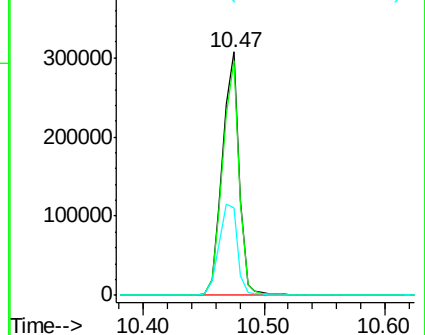
141 41.3 31.4 47.2



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: 102.899 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF098523.D

Acq: 14 Sep 2017 12:26

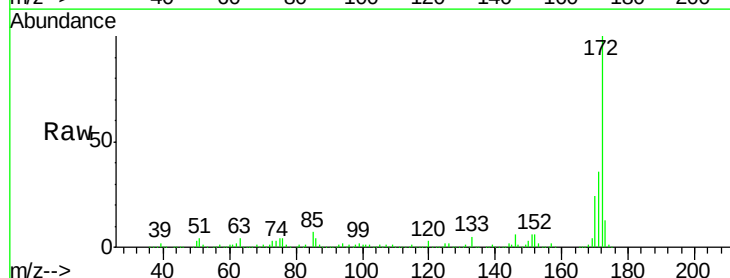
Tgt Ion:172 Resp: 1536324

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

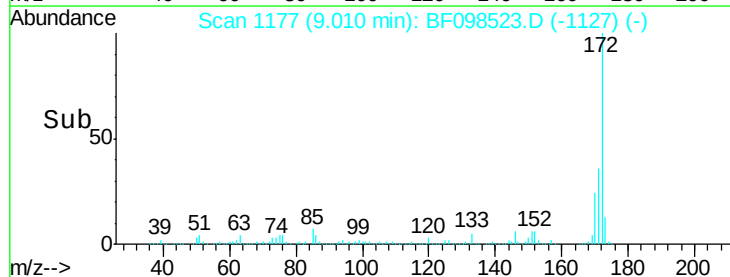
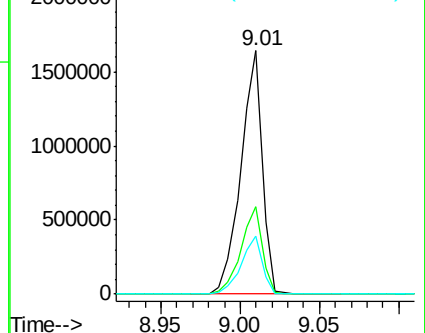
170 23.7 19.8 29.8

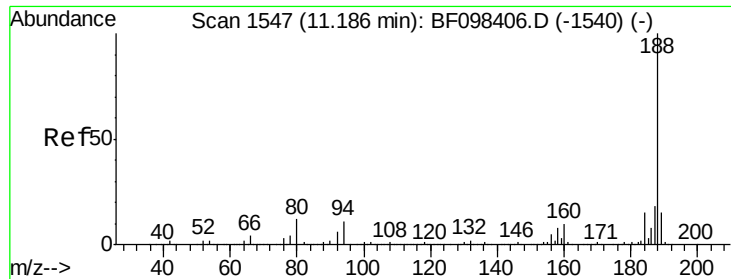


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

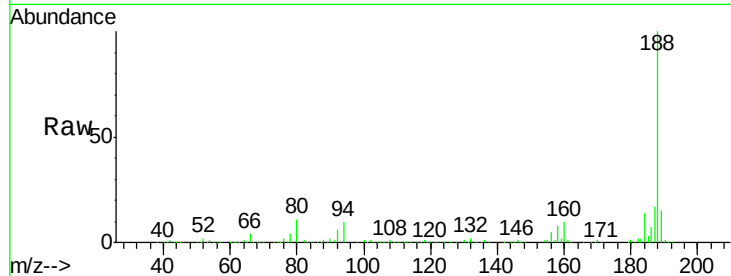




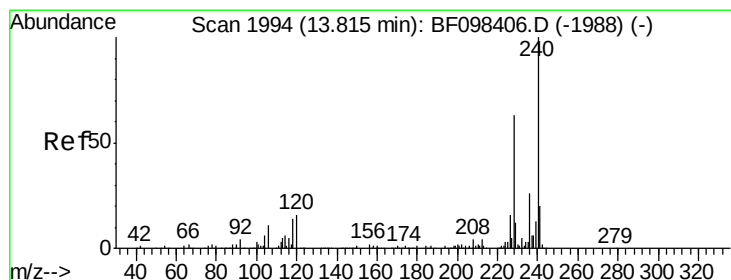
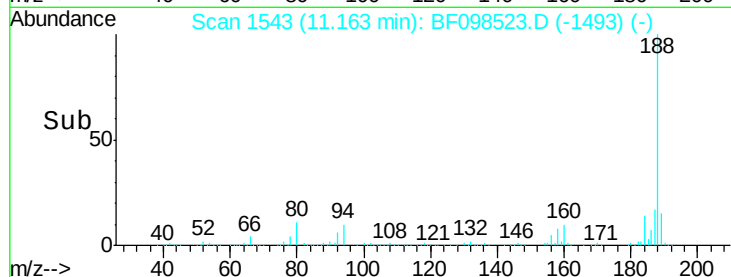
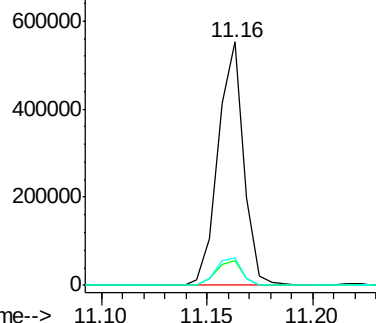
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Instrument :
BNA_F
ClientSampleId :
A4129

Tgt Ion:188 Resp: 464312
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.0 10.2 15.2

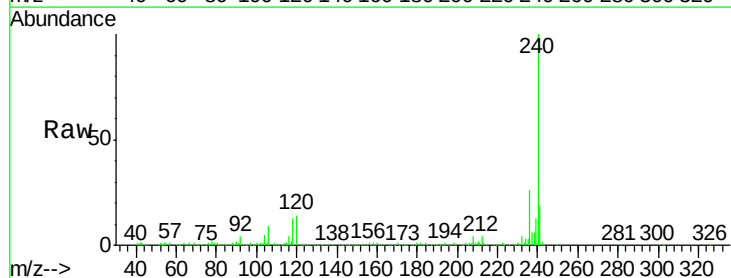


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

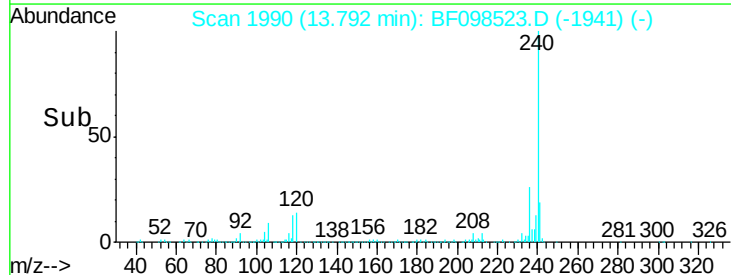
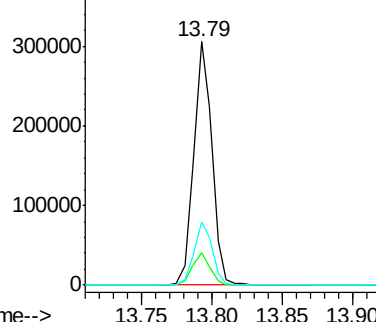


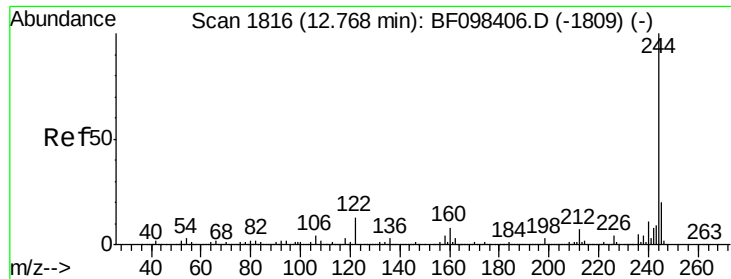
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BF098523.D
Acq: 14 Sep 2017 12:26

Tgt Ion:240 Resp: 273435
Ion Ratio Lower Upper
240 100
120 13.5 5.8 8.8#
236 26.0 20.5 30.7



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

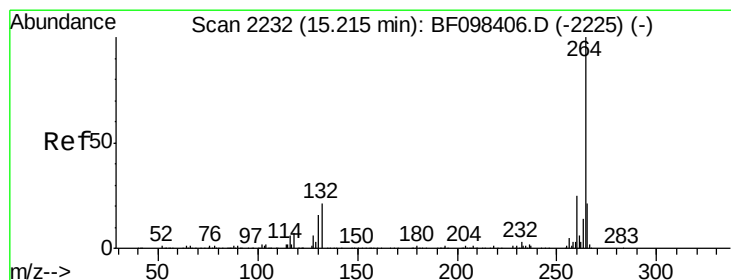
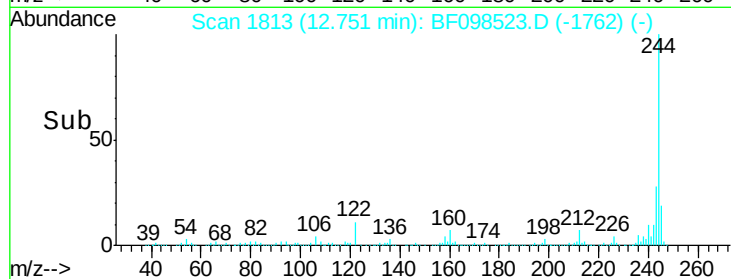
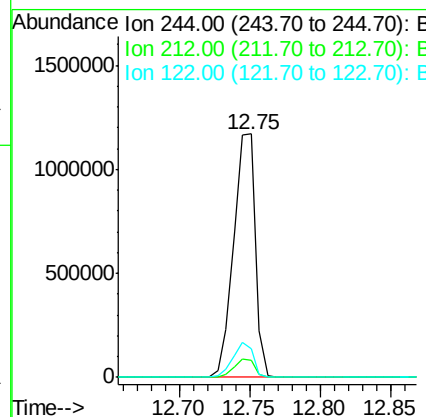
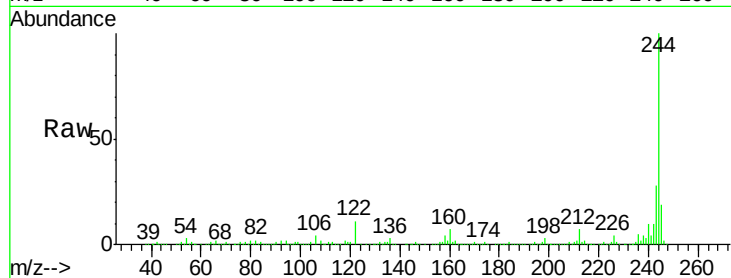




#78
 Terphenyl-d14
 Concen: 98.840 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF098523.D
 Acq: 14 Sep 2017 12:26

Instrument :
 BNA_F
 ClientSampleId :
 A4129

Tgt Ion:244 Resp: 1252107
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF098523.D
 Acq: 14 Sep 2017 12:26

Tgt Ion:264 Resp: 289607
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.4 17.2 25.8

