

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098223.D
 Acq On : 1 Sep 2017 13:40
 Operator : SJ/JU
 Sample : I4987-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMPMSD

Manual Integrations
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Quant Time: Sep 01 16:38:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:25:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	233430	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	894782	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	376451	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	594592	20.00	ng	0.00
75) Chrysene-d12	13.87	240	453242	20.00	ng	0.00
86) Perylene-d12	15.29	264	428119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	933939	60.86	ng	0.01
7) Phenol-d6	6.37	99	1288415	61.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	809535	49.15	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	194086	59.42	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1037476	40.49	ng	0.00
78) Terphenyl-d14	12.82	244	641507	29.52	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	195826	7.116	ng	98
70) Phenanthrene	11.26	178	112434	3.549	ng	99
74) Fluoranthene	12.44	202	139546	4.220	ng	99
77) Pyrene	12.67	202	135956	3.668	ng	98
80) Benzo(a)anthracene	13.86	228	65643	2.416	ng	98
82) Chrysene	13.89	228	58708	2.173	ng	98
87) Benzo(b)fluoranthene	14.88	252	67680m	2.508	ng	
89) Benzo(a)pyrene	15.22	252	49109	2.056	ng	98

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

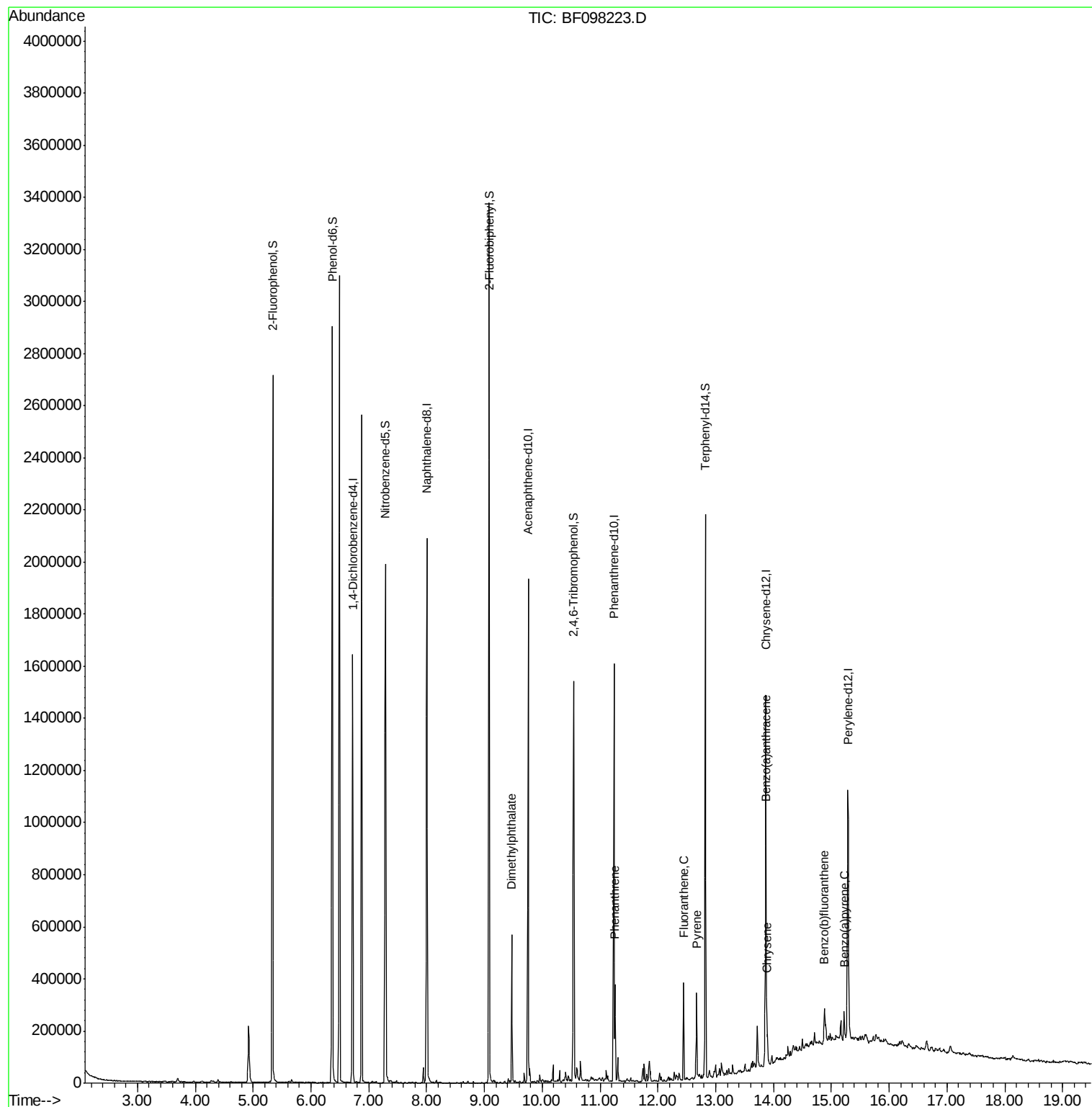
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098223.D
Acq On : 1 Sep 2017 13:40
Operator : SJ/JU
Sample : I4987-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

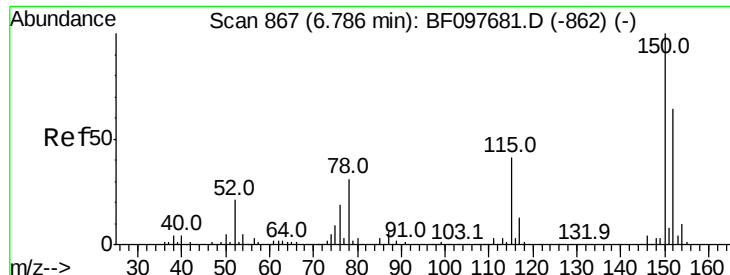
Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

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Quant Time: Sep 01 16:38:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:25:25 2017
Response via : Initial Calibration





#1

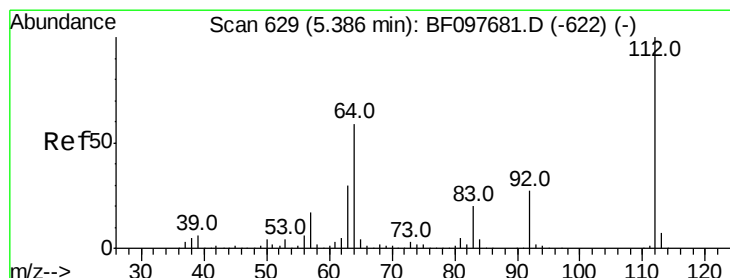
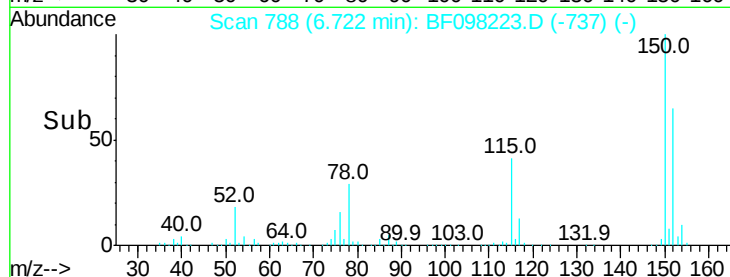
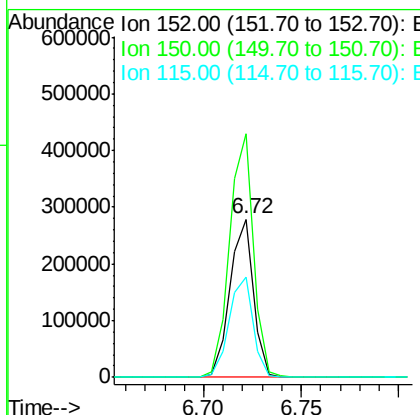
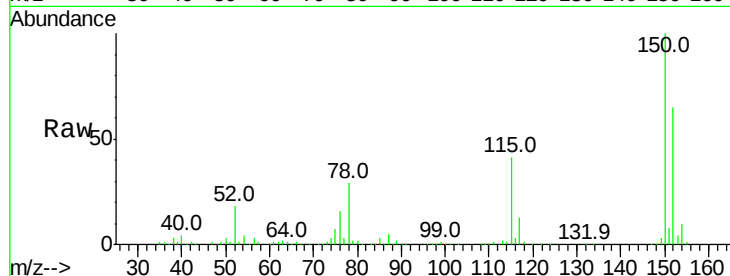
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	63.8	52.2	78.2

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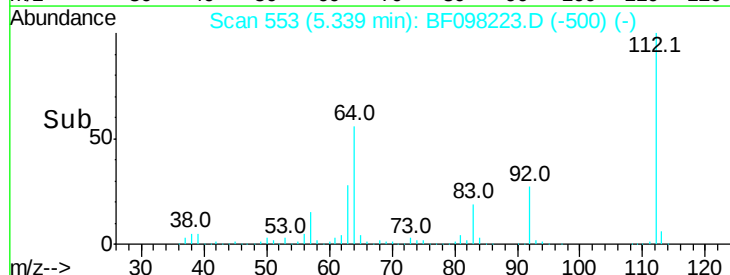
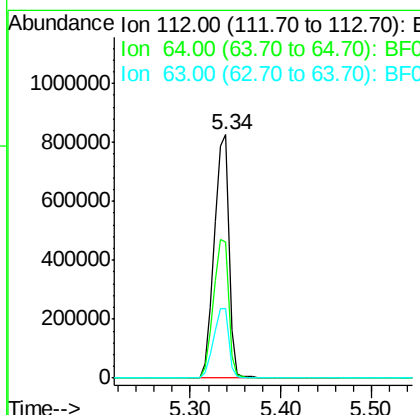
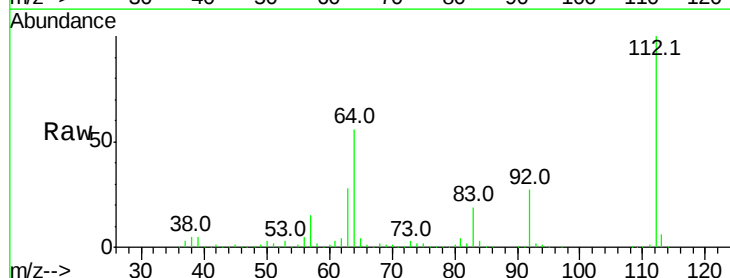
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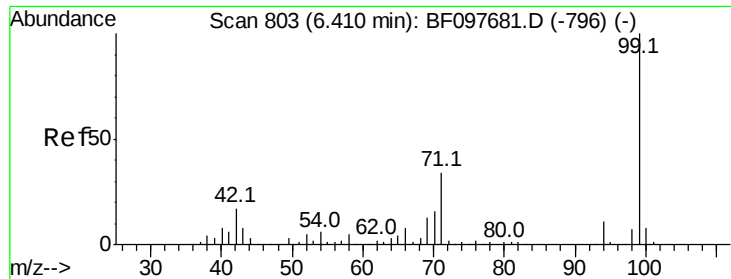


#5

2-Fluorophenol
Concen: 60.857 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	28.3	23.4	35.0





#7

Phenol-d6

Concen: 61.790 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF098223.D

Acq: 1 Sep 2017 13:40

Instrument :

BNA_F

ClientSampleId :

SB-06-COMPMSD

Tot Ion: 99 Resp: 1288415

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

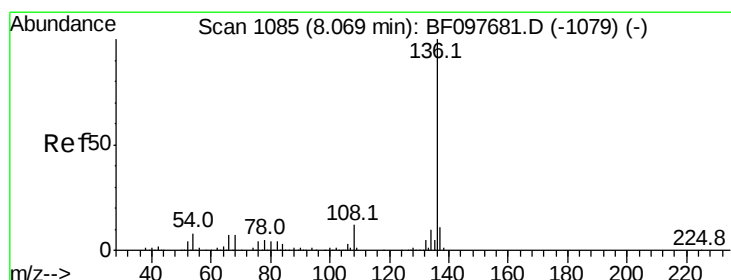
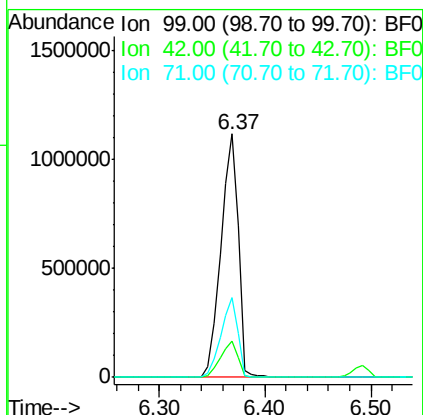
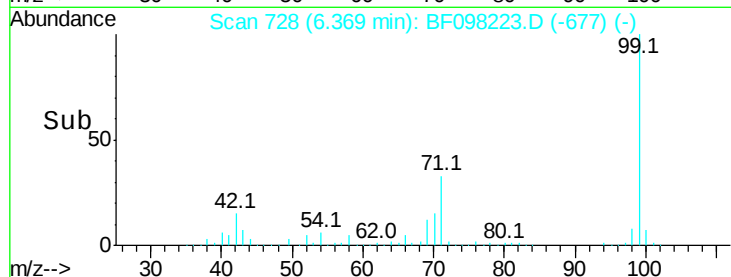
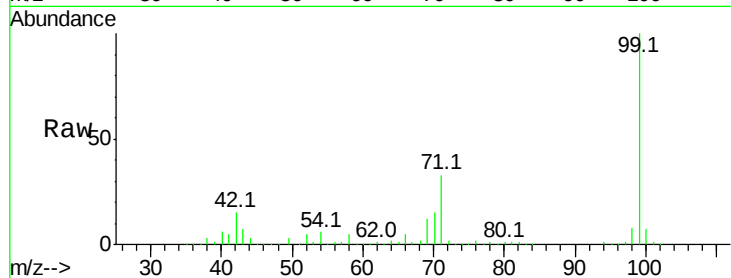
71 32.5 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF098223.D

Acq: 1 Sep 2017 13:40

Tgt Ion: 136 Resp: 894782

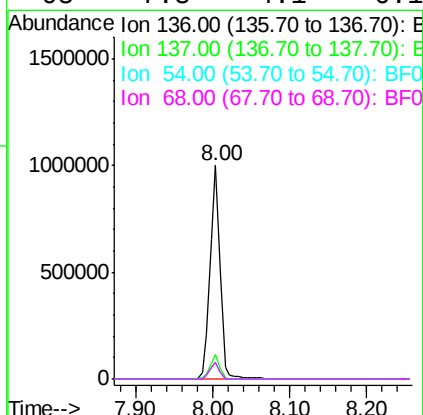
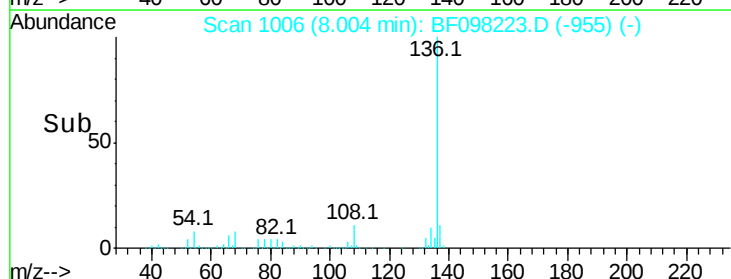
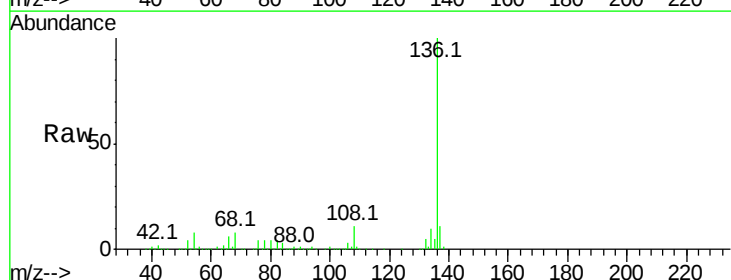
Ion Ratio Lower Upper

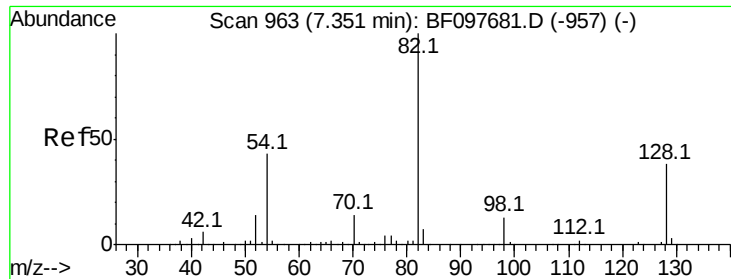
136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 7.8 4.1 6.1#





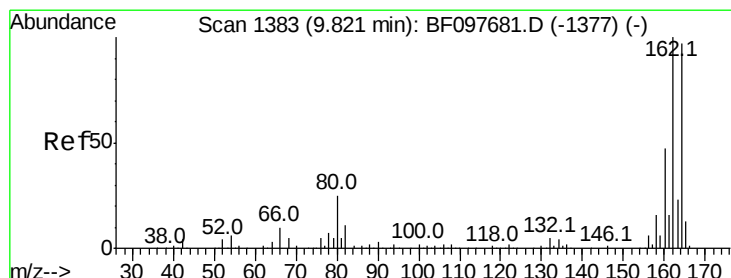
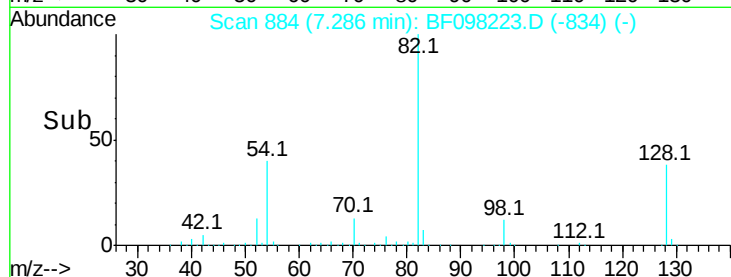
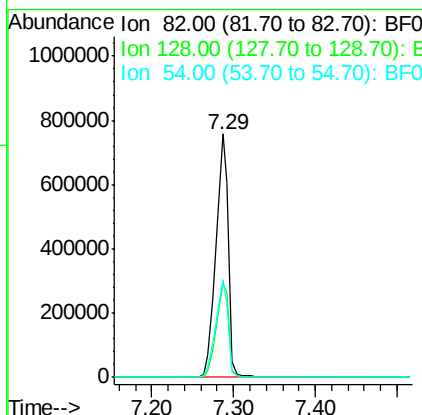
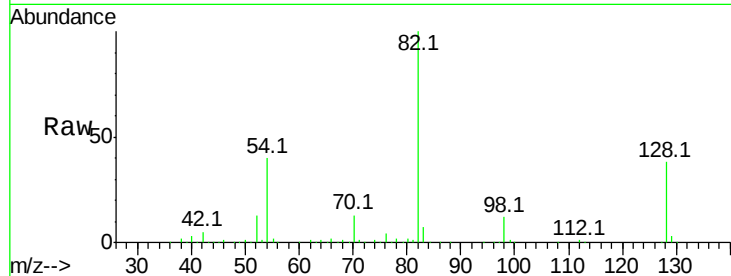
#23
 Nitrobenzene-d5
 Concen: 49.149 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF098223.D
 Acq: 1 Sep 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.5	34.0	51.0	
54	40.4	42.2	63.2	

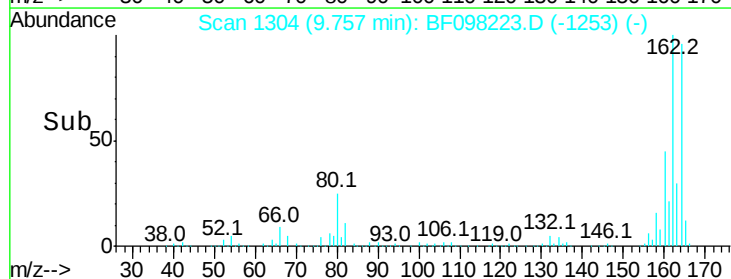
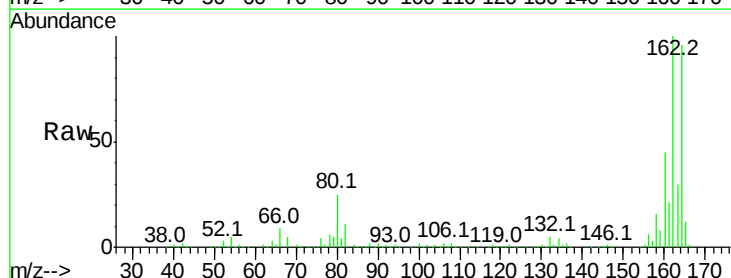
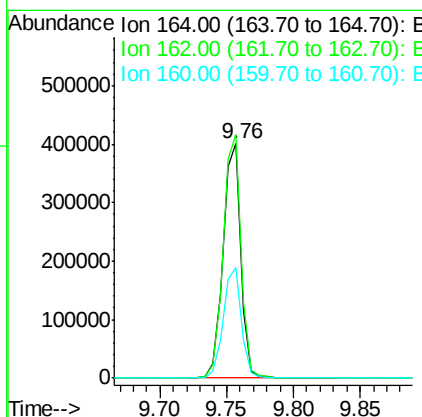
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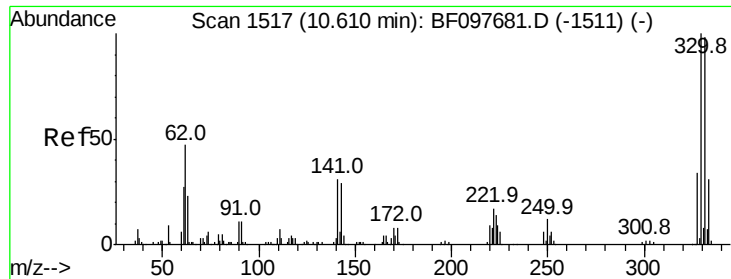
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF098223.D
 Acq: 1 Sep 2017 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	82.6	123.8	
160	47.2	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 59.420 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF098223.D

Acq: 1 Sep 2017 13:40

Instrument :

BNA_F

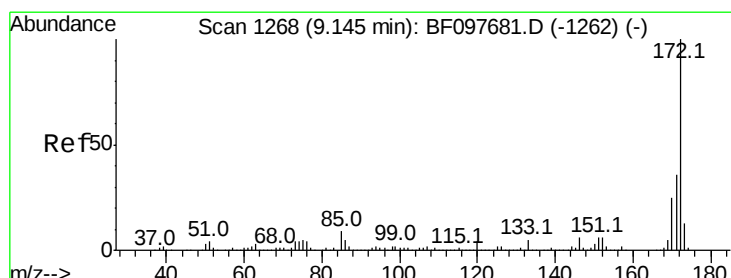
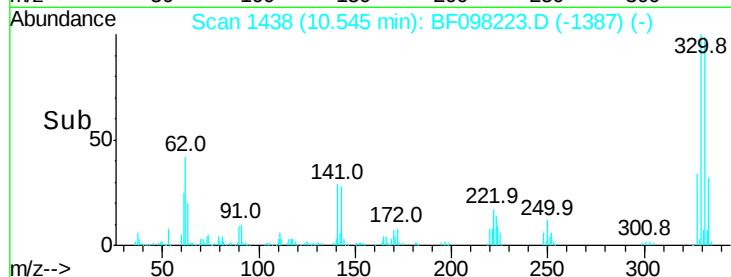
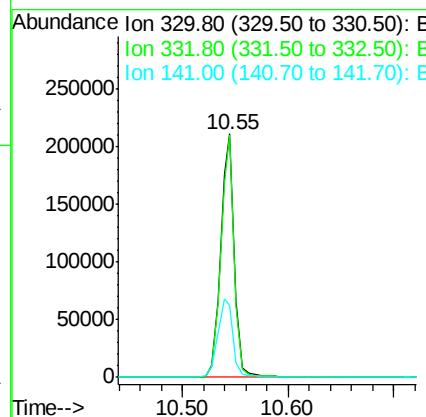
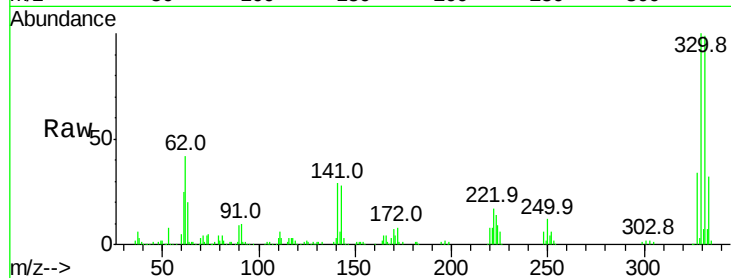
ClientSampleId :

SB-06-COMPMSD

Tot Ion:	330	Resp:	194086
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.6	115.0
141	36.0	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 40.490 ng

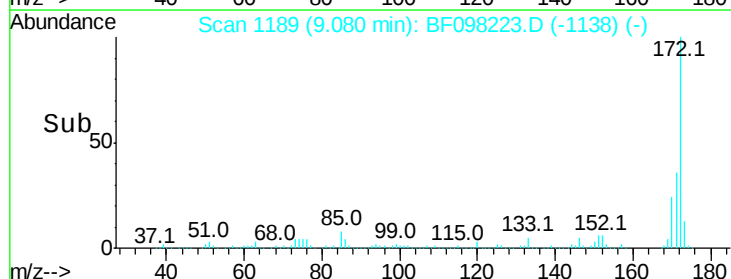
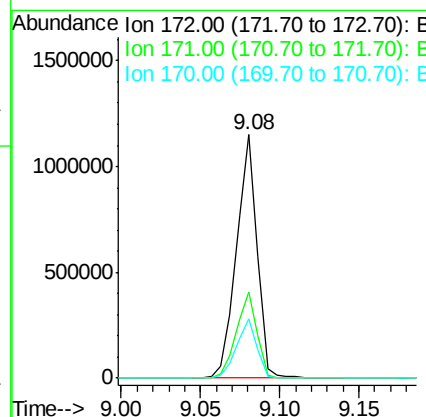
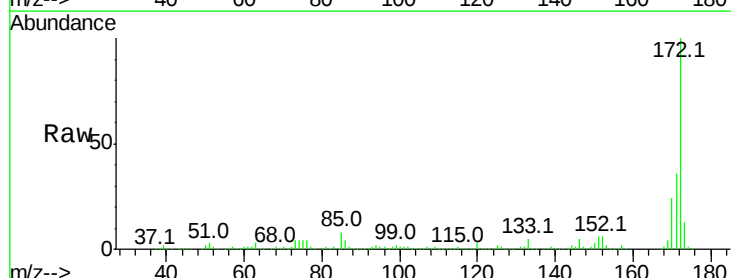
RT: 9.08 min Scan# 1189

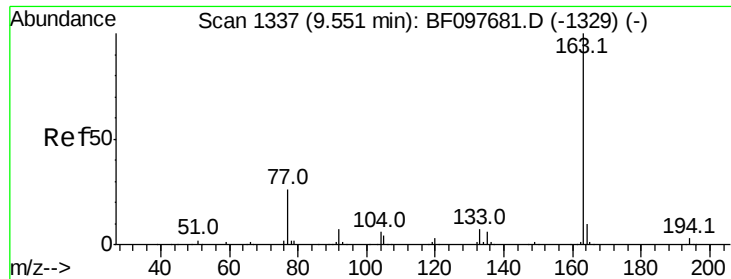
Delta R.T. 0.00 min

Lab File: BF098223.D

Acq: 1 Sep 2017 13:40

Tgt Ion:	172	Resp:	1037476
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	24.2	19.8	29.8





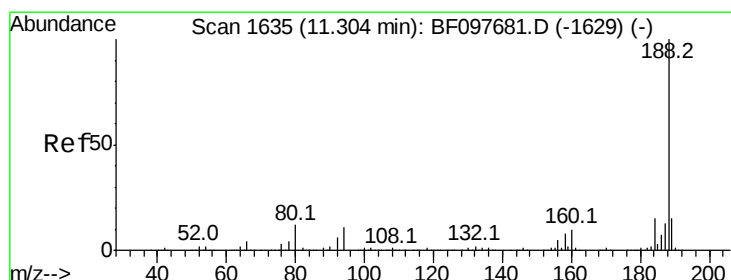
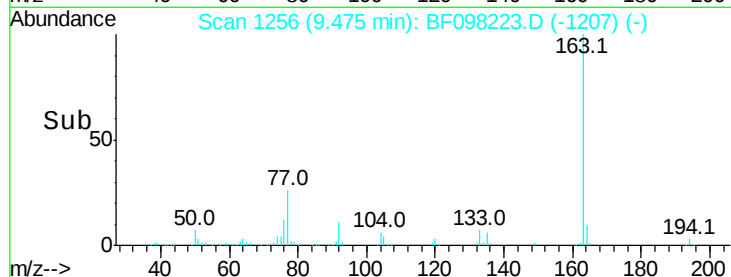
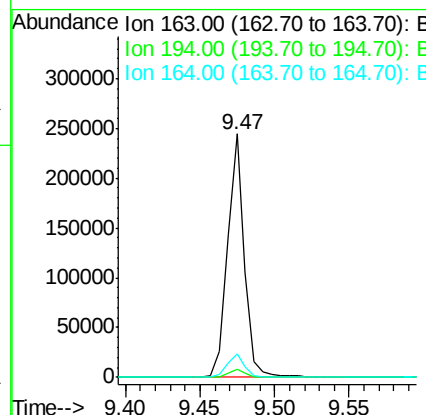
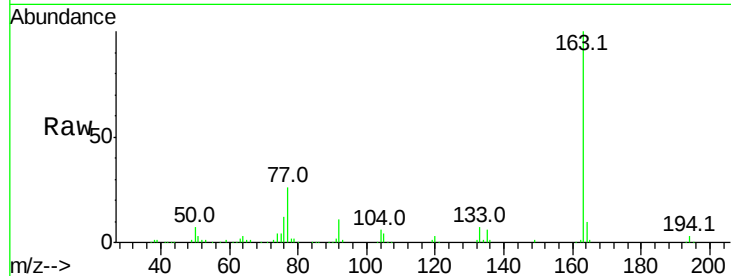
#49
Dimethylphthalate
Concen: 7.116 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	195826		
194	3.5	2.6	4.0	
164	9.6	8.4	12.6	

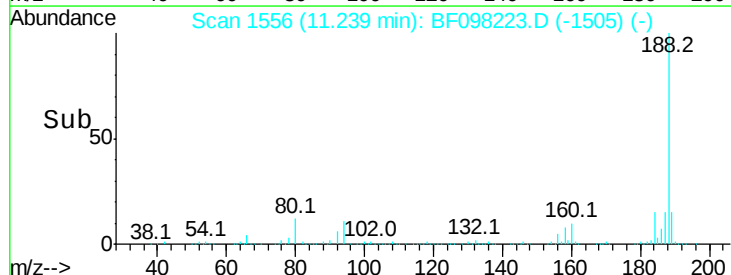
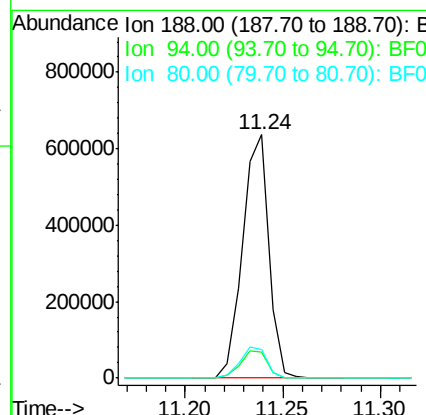
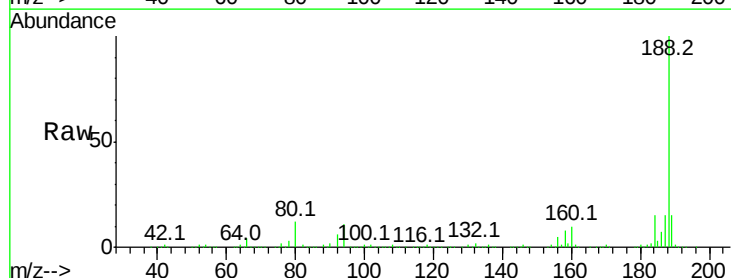
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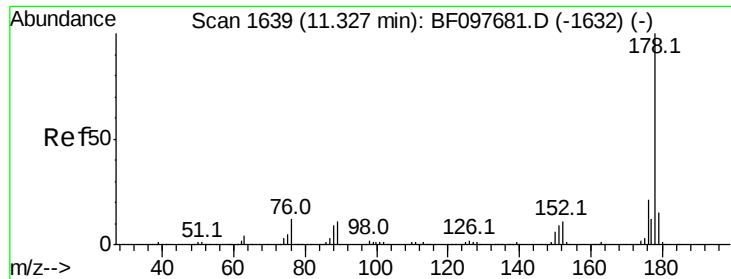
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	594592		
94	10.9	9.4	14.2	
80	11.9	10.2	15.2	





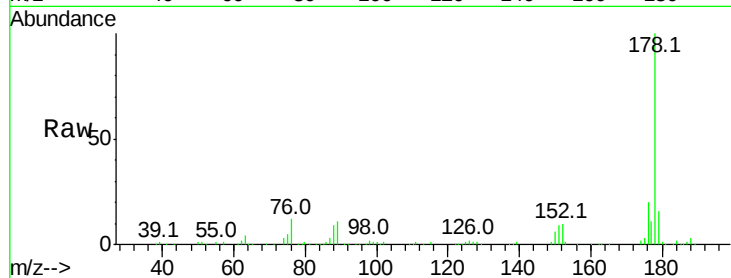
#70
Phenanthrene
Concen: 3.549 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

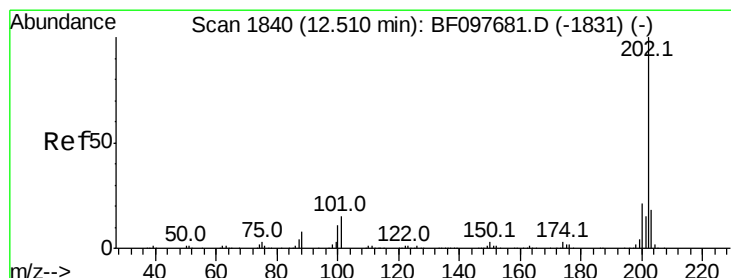
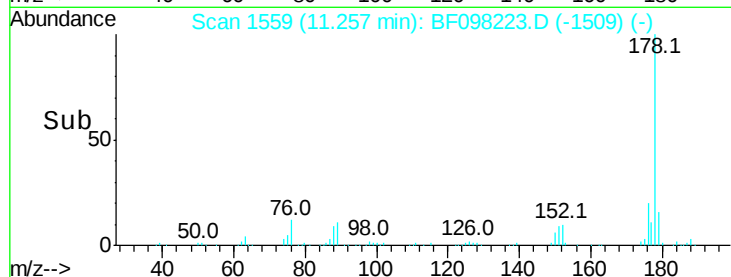
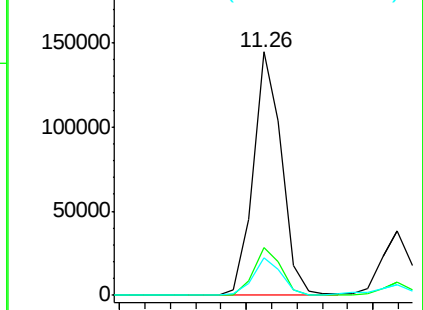
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.5	12.6	19.0

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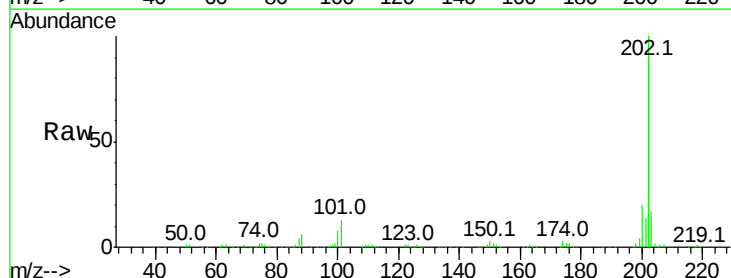


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

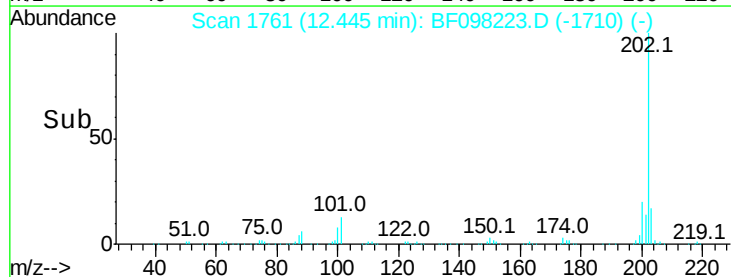
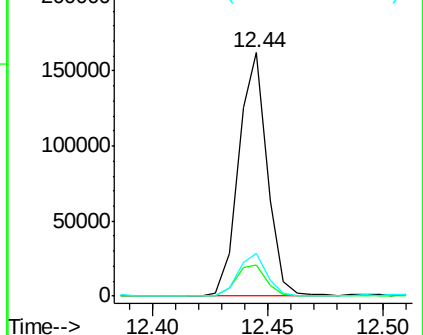


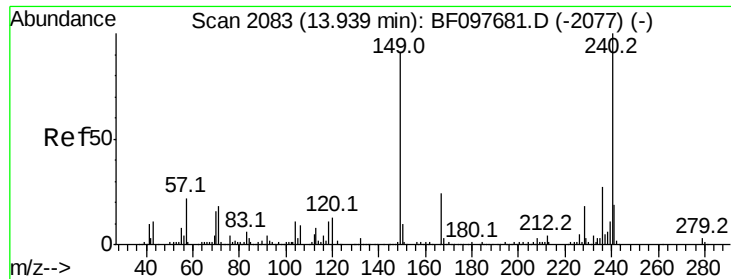
#74
Fluoranthene
Concen: 4.220 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.4	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: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF098223.D

Acq: 1 Sep 2017 13:40

Instrument :

BNA_F

ClientSampleId :

SB-06-COMPMSD

Tot Ion:240 Resp: 453242

Ion Ratio Lower Upper

240 100

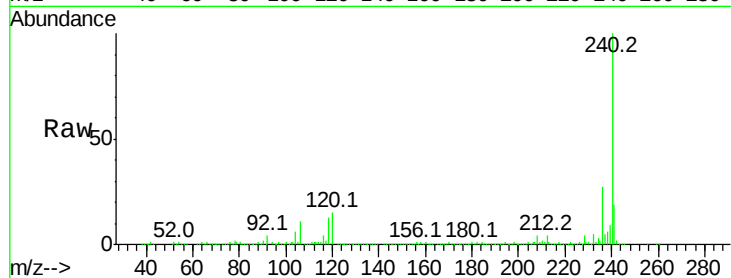
120 14.7 5.8 8.8#

236 26.9 20.5 30.7

Manual Integrations
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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

600000

500000

400000

300000

200000

100000

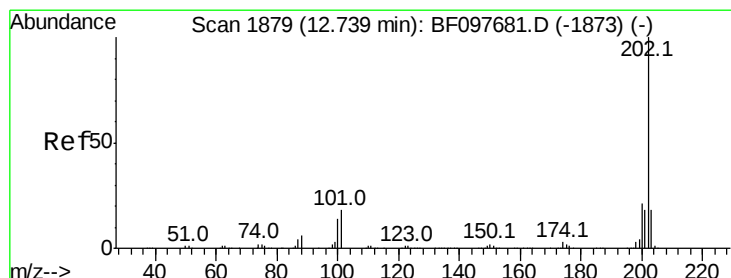
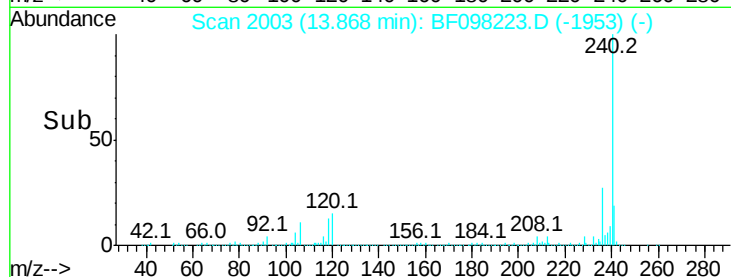
0

13.87

13.80

13.90

Time-->



#77

Pyrene

Concen: 3.668 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF098223.D

Acq: 1 Sep 2017 13:40

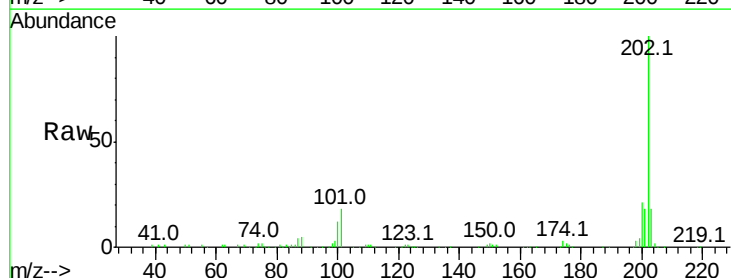
Tgt Ion:202 Resp: 135956

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

203 18.4 14.4 21.6



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

150000

100000

50000

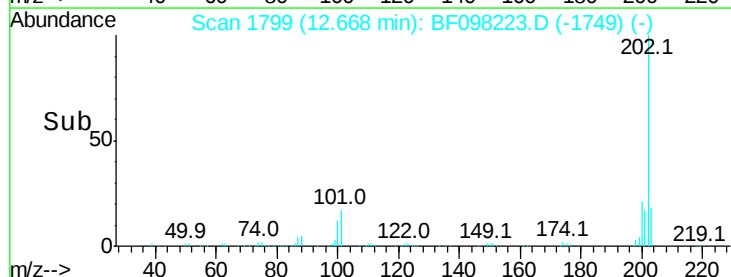
0

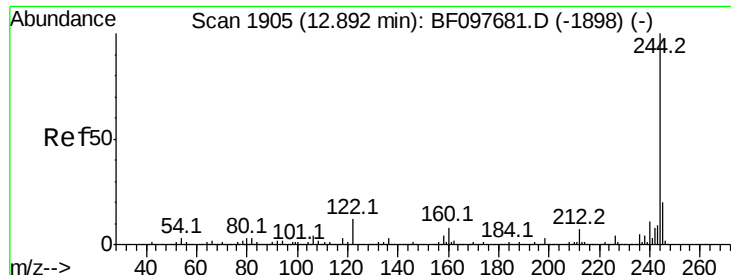
12.67

12.65

12.70

Time-->





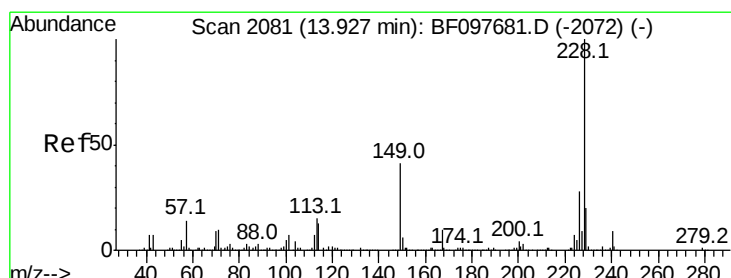
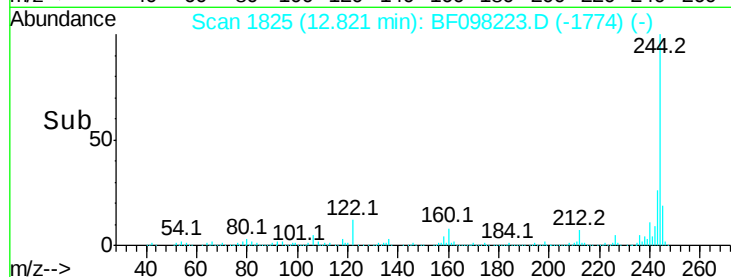
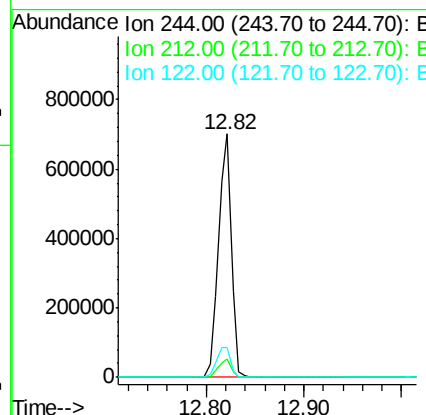
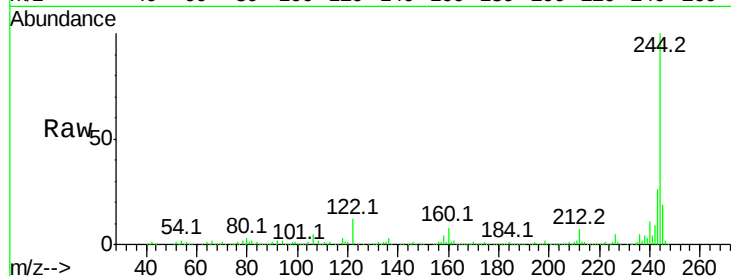
#78
 Terphenyl-d14
 Concen: 29.515 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF098223.D
 Acq: 1 Sep 2017 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.3	10.3	15.5

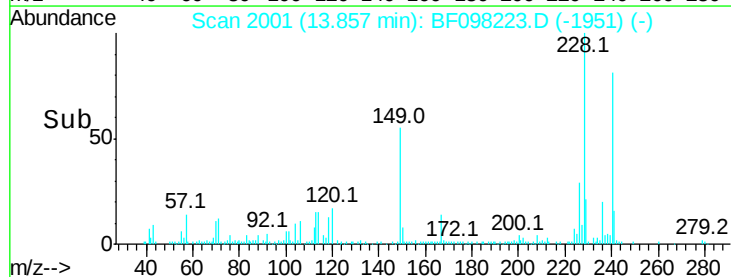
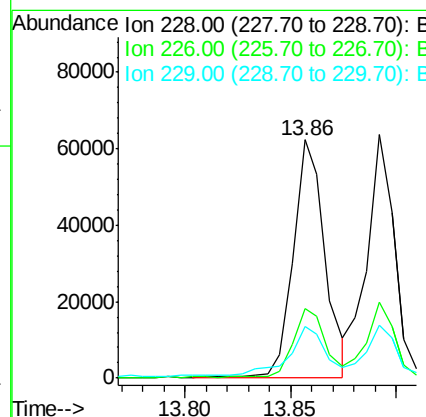
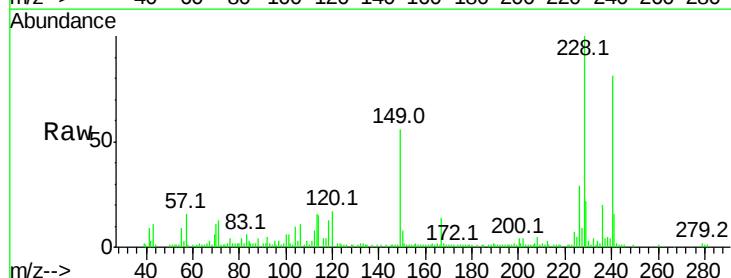
Manual Integrations
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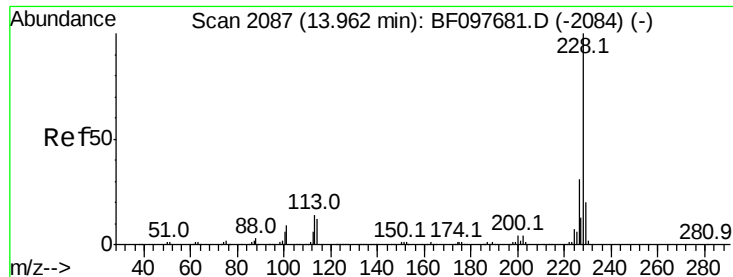
mohammad
 9/5/2017 5:22:08 PM



#80
 Benzo(a)anthracene
 Concen: 2.416 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF098223.D
 Acq: 1 Sep 2017 13:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.6	16.3	24.5





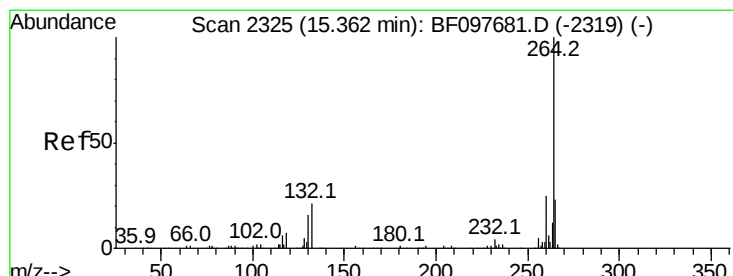
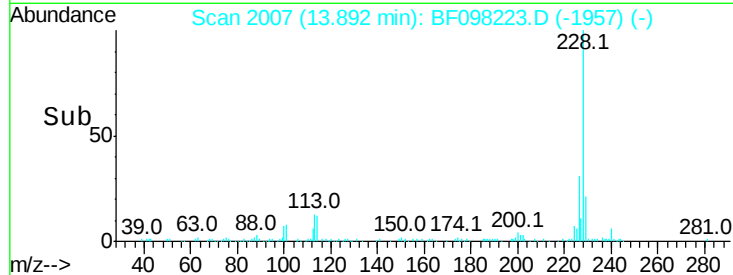
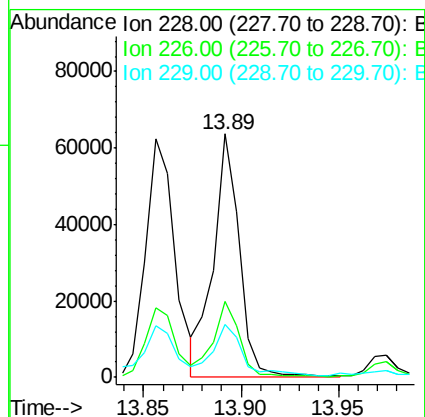
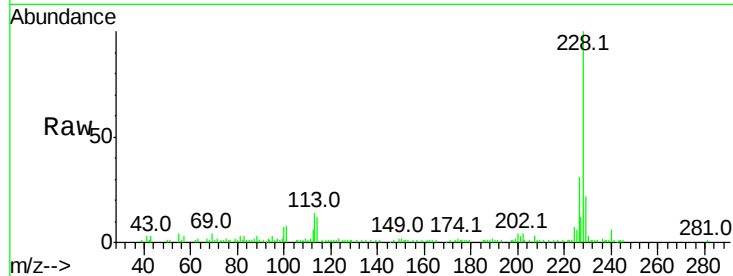
#82
Chrysene
Concen: 2.173 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Tot Ion:	228	Resp:	58708
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	22.0	15.8	23.6

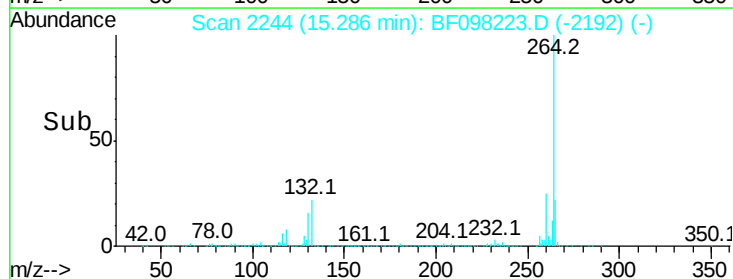
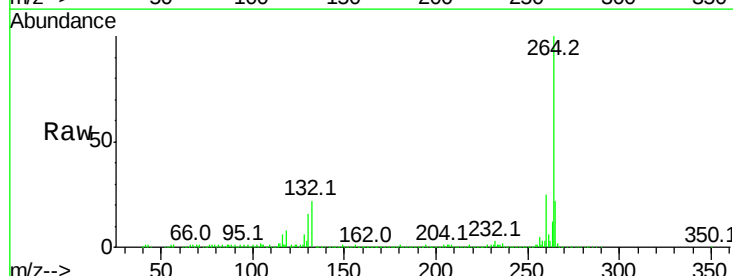
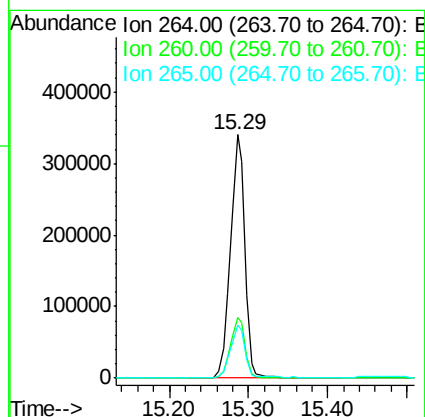
Manual Integrations
APPROVED

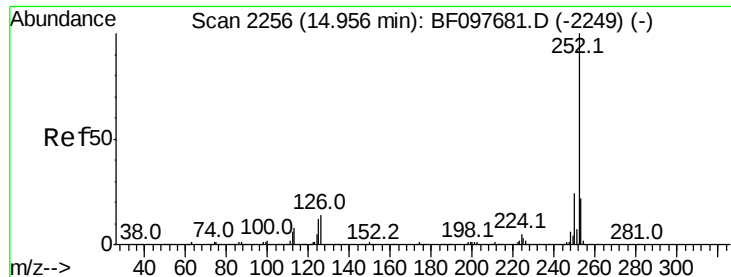
mohammad
9/5/2017 5:22:08 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Tgt Ion:	264	Resp:	428119
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.5	29.3
265	21.9	17.2	25.8





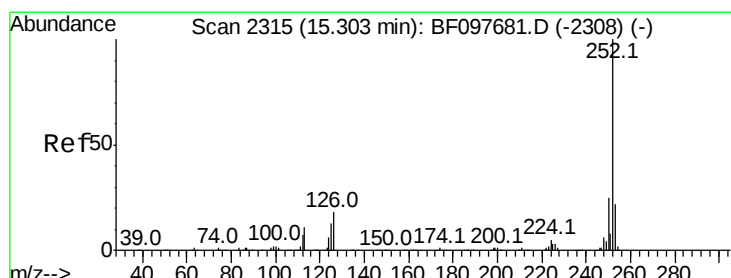
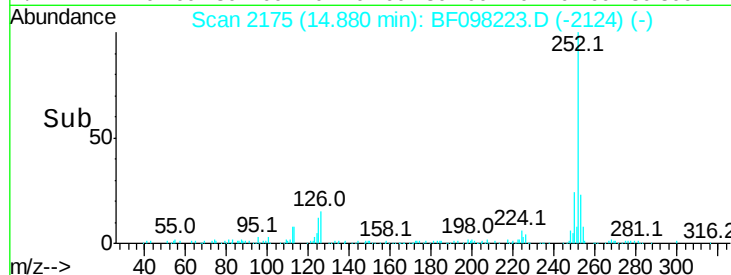
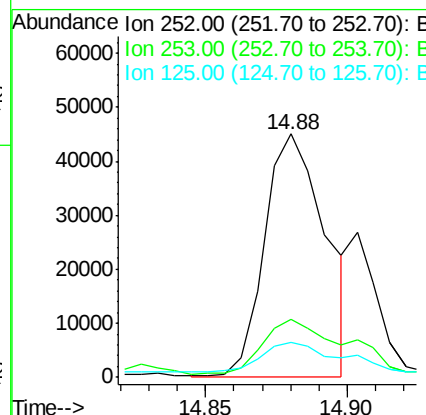
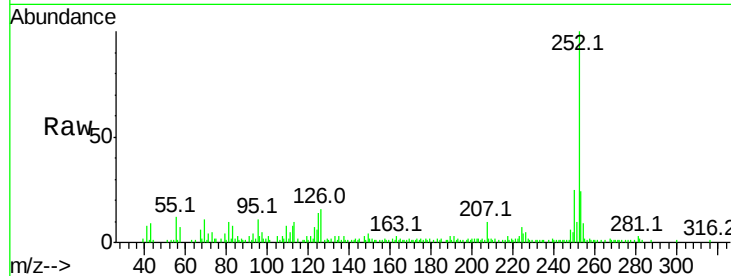
#87
Benzo(b)fluoranthene
Concen: 2.508 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Instrument :
BNA_F
ClientSampleId :
SB-06-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	14.4	9.8	14.8

Manual Integrations
APPROVED

mohammad
9/5/2017 5:22:08 PM



#89
Benzo(a)pyrene
Concen: 2.056 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF098223.D
Acq: 1 Sep 2017 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	13.7	11.0	16.4

