

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094891.D
 Acq On : 5 May 2017 00:23
 Operator : SJ/MA
 Sample : I2916-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

Manual Integrations
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Quant Time: May 05 04:55:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82265	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	349570	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	169642	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	306305	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	224498	20.00	ng	-0.02
86) Perylene-d12	20.30	264	195005	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	635974	128.89	ng	-0.01
7) Phenol-d6	7.27	99	790222	133.47	ng	-0.01
23) Nitrobenzene-d5	8.62	82	474032	85.51	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	163203	117.47	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	732691	62.17	ng	-0.02
78) Terphenyl-d14	17.29	244	507140	49.76	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.20	163	117984	8.47	ng	99
74) Fluoranthene	16.75	202	54099	3.00	ng	99
77) Pyrene	17.05	202	47395	2.82	ng	94
87) Benzo(b)fluoranthene	19.90	252	28900m	2.40	ng	

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

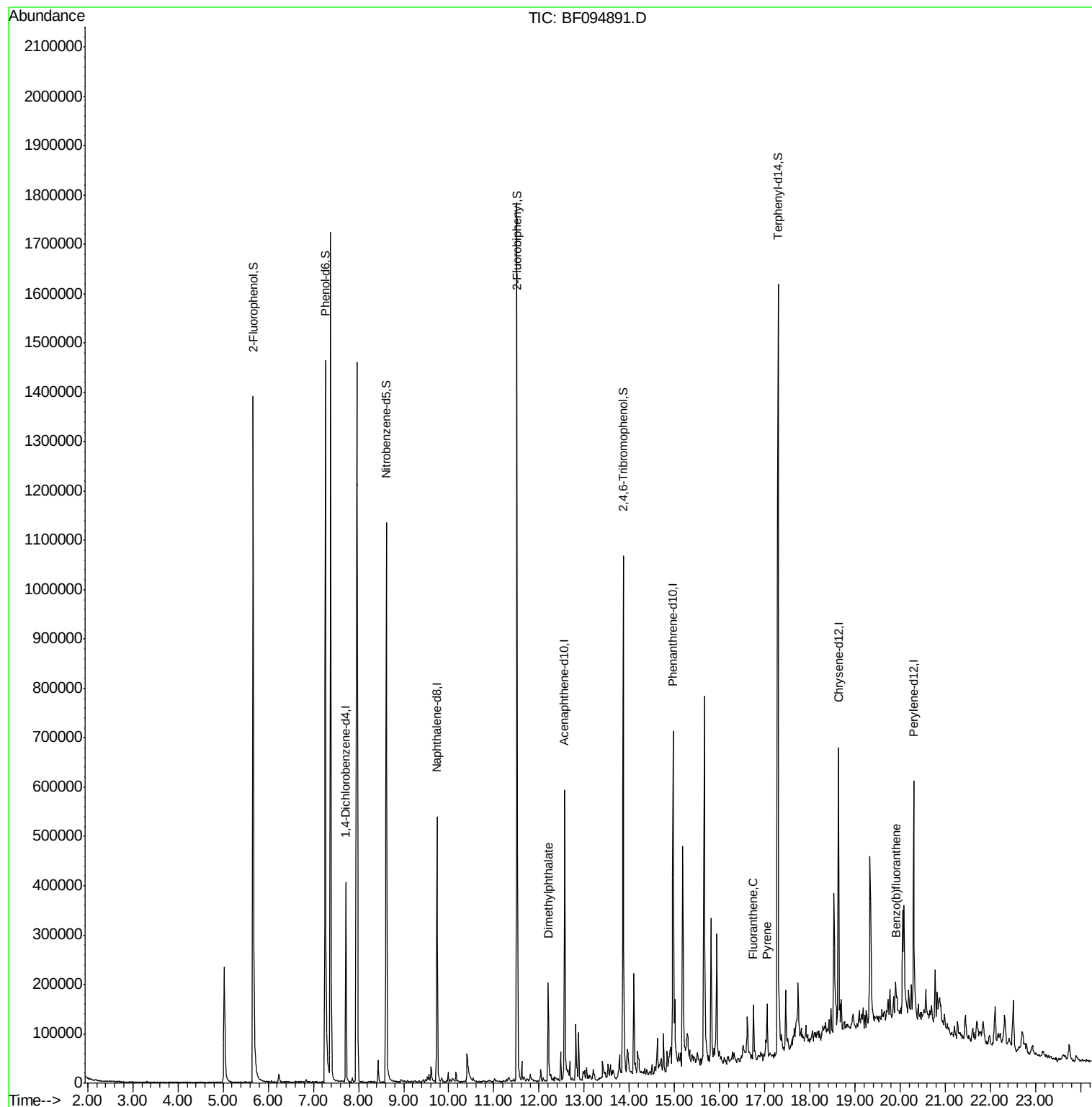
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094891.D
Acq On : 5 May 2017 00:23
Operator : SJ/MA
Sample : I2916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

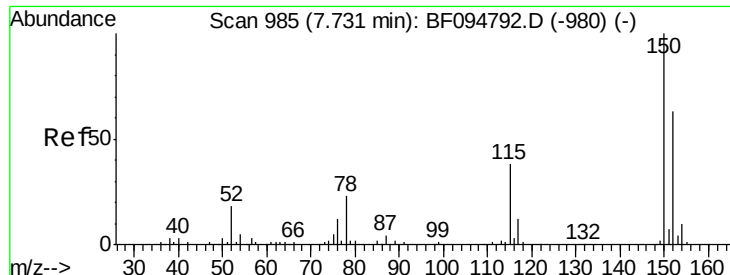
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

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Quant Time: May 05 04:55:34 2017
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Response via : Initial Calibration





#1

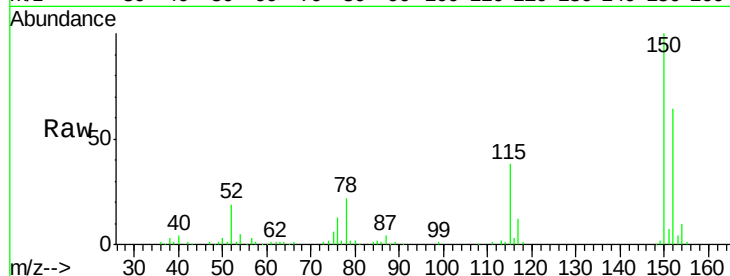
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

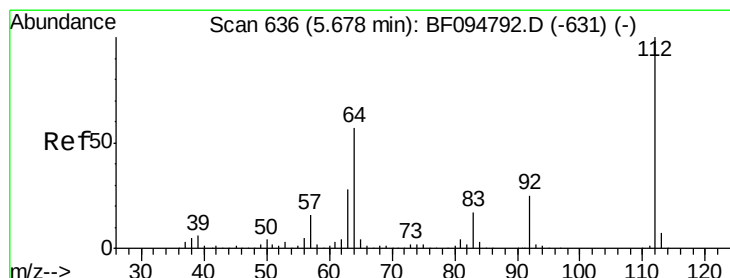
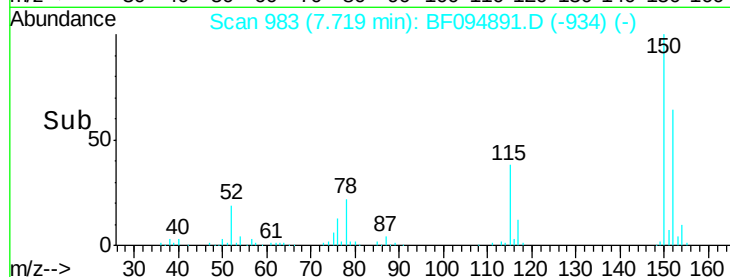
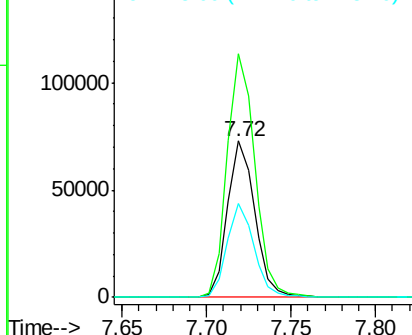
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	59.9	52.2	78.2

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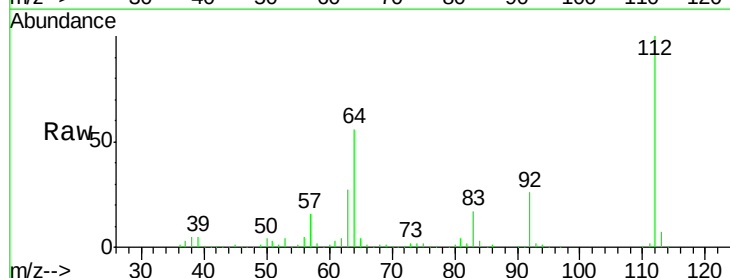
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



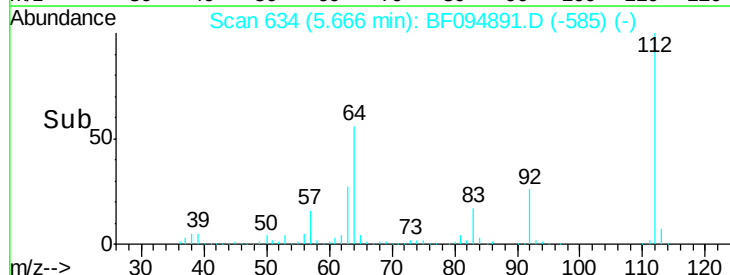
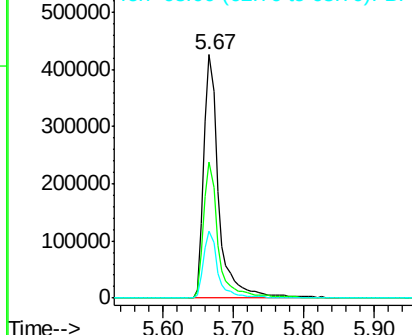
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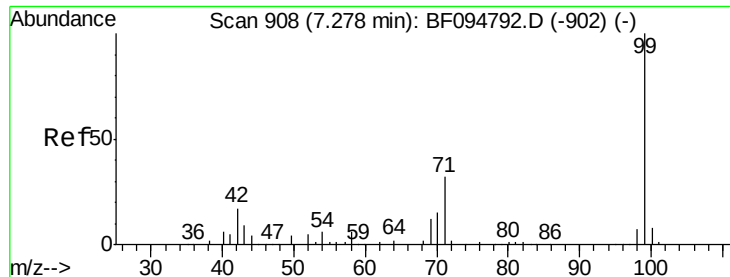
2-Fluorophenol
Concen: 128.89 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	46.0	69.0
63	27.3	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: 133.47 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

Instrument :

BNA_F

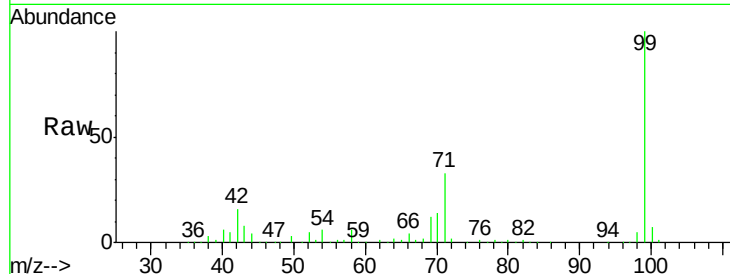
ClientSampleId :

SB-03-COMP(0-2.5)

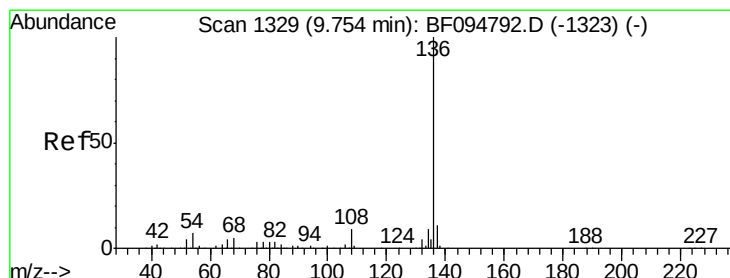
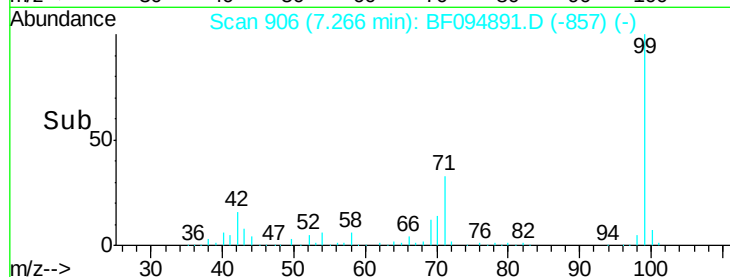
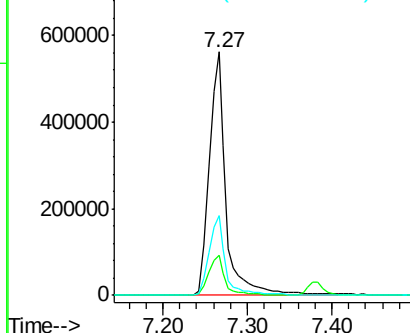
Tgt Ion:	99	Resp:	790222
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	32.7	24.5	36.7

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

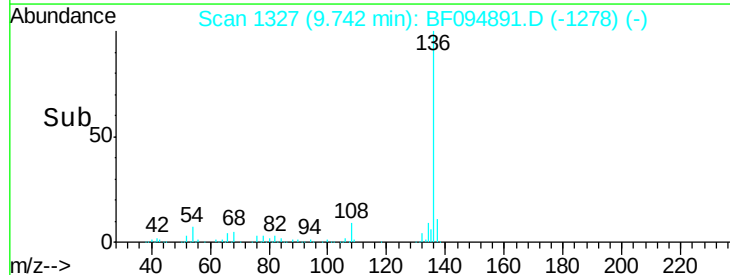
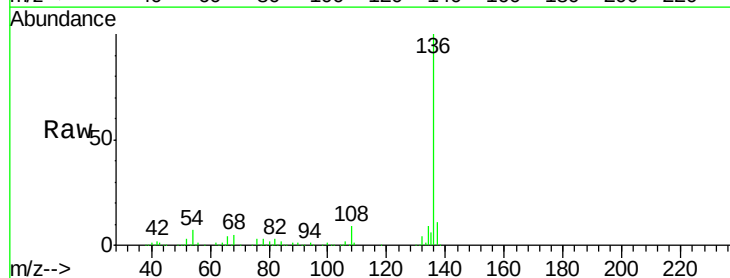
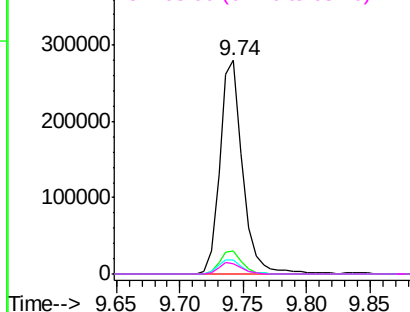
Delta R.T. -0.01 min

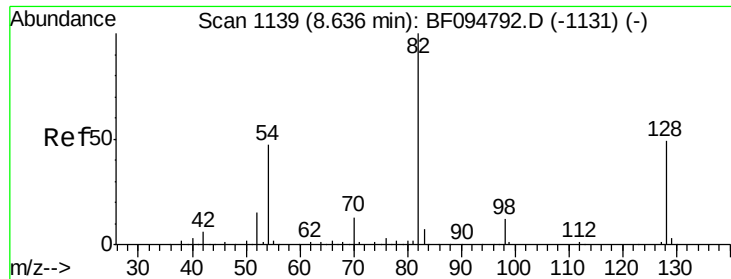
Lab File: BF094891.D

Acq: 5 May 2017 00:23

Tgt Ion:	136	Resp:	349570
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.6	4.9	7.3
68	5.0	4.1	6.1

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): BF0
Ion 68.00 (67.70 to 68.70): BF0





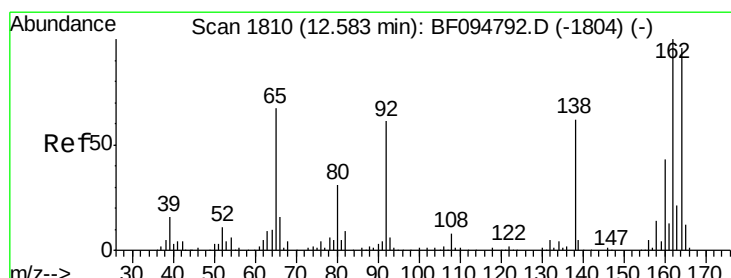
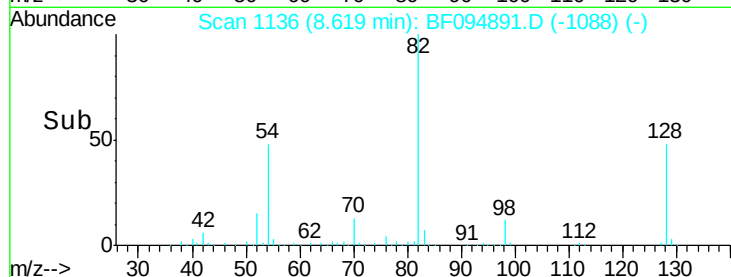
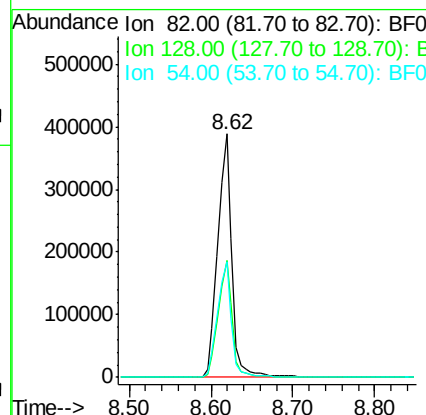
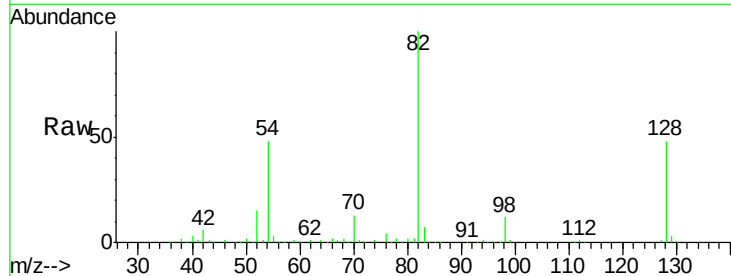
#23
 Nitrobenzene-d5
 Concen: 85.51 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	47.5	42.2	63.2

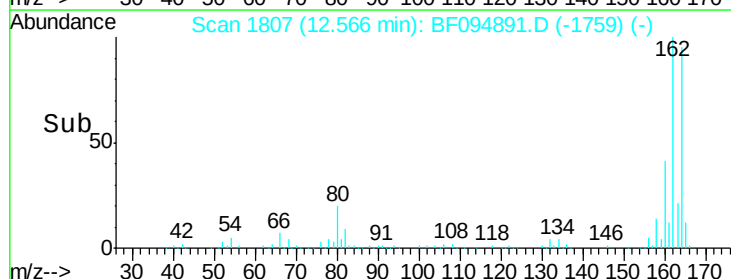
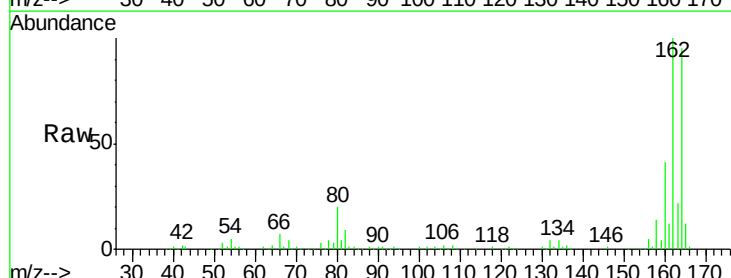
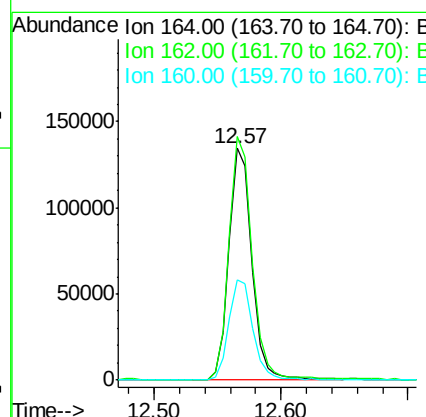
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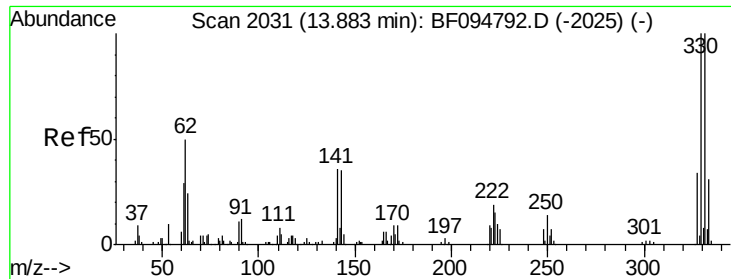
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	43.4	36.2	54.2





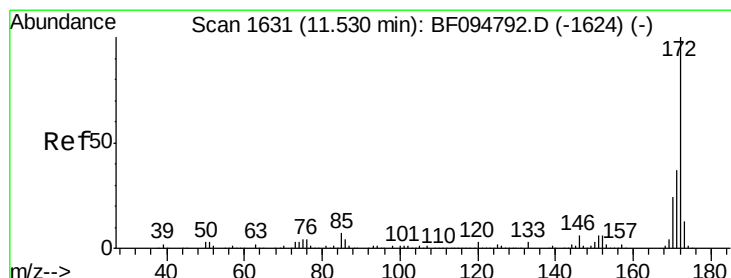
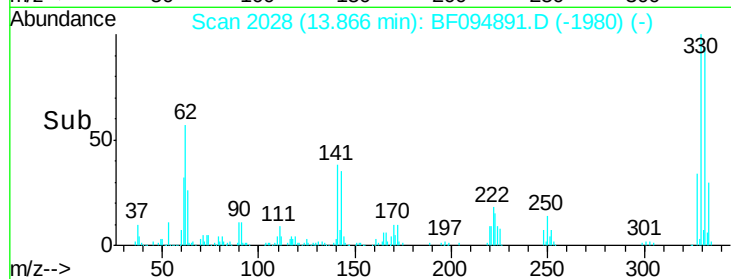
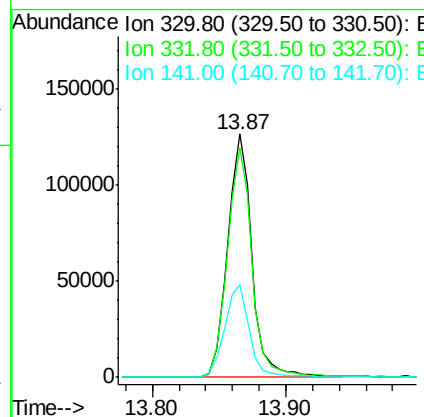
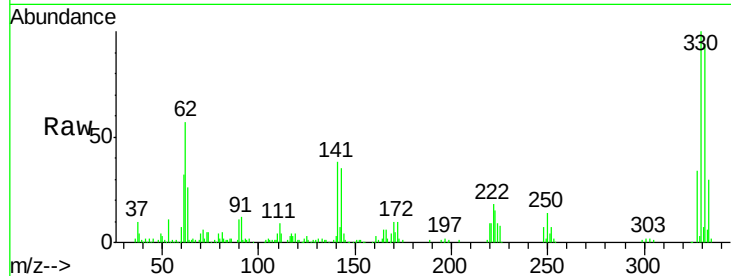
#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP(0-2.5)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	163203		
332	96.6	76.6	115.0	
141	39.1	31.4	47.2	

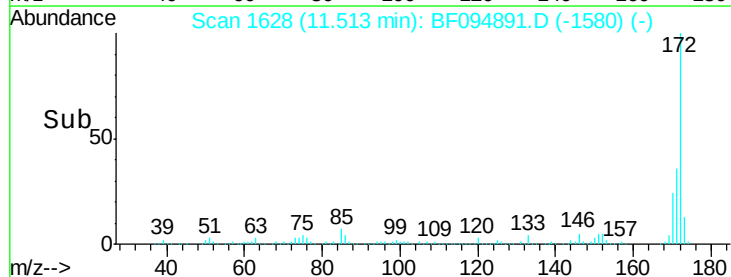
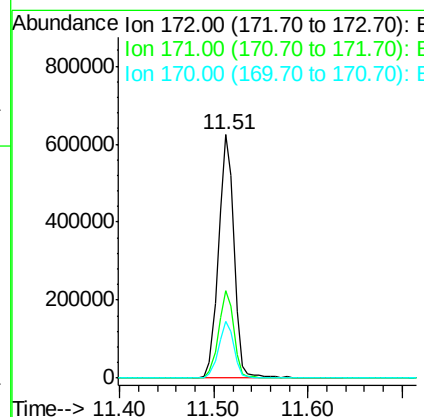
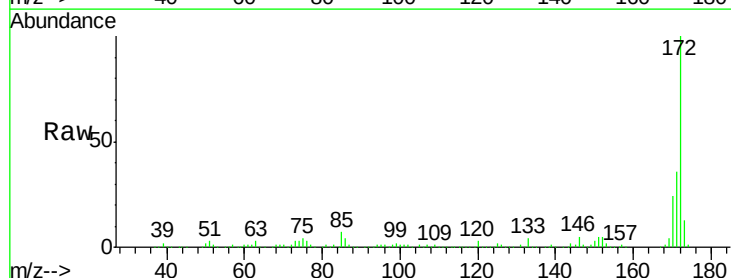
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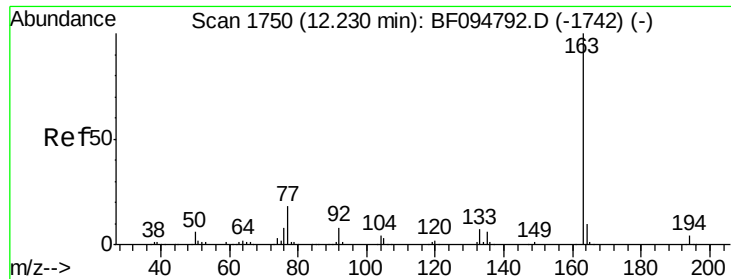
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#44
 2-Fluorobiphenyl
 Concen: 62.17 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	732691		
171	36.1	29.6	44.4	
170	23.5	19.8	29.8	





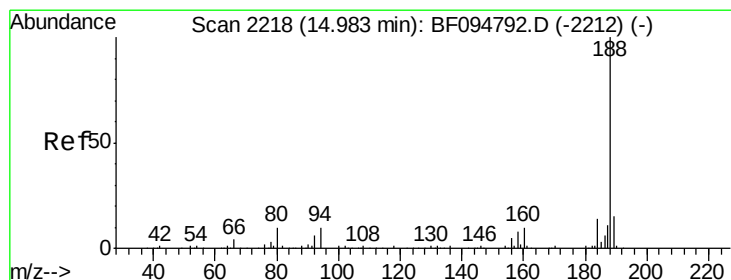
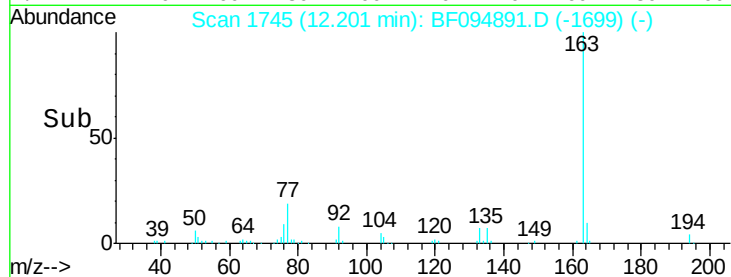
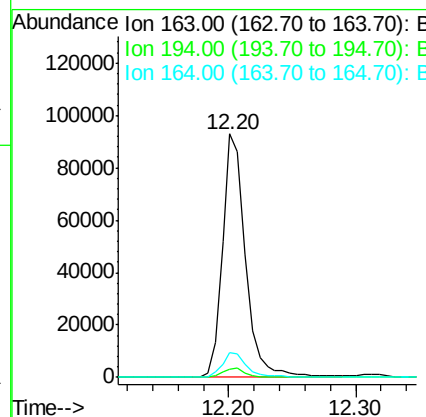
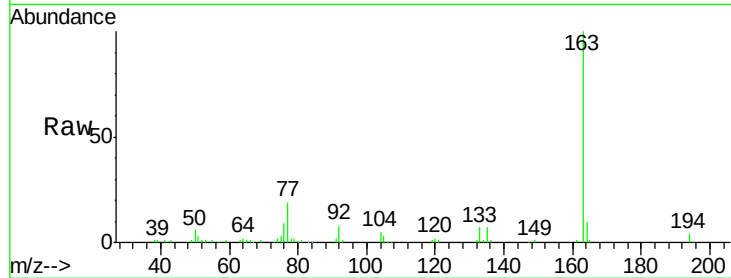
#49
Dimethylphthalate
Concen: 8.47 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	117984		
194	3.5	2.6	4.0	
164	10.0	8.4	12.6	

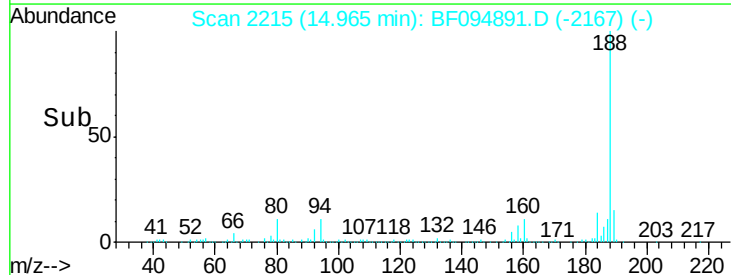
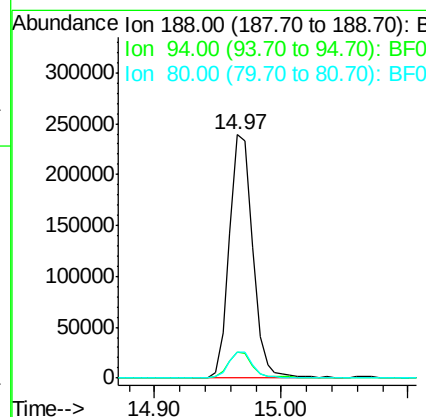
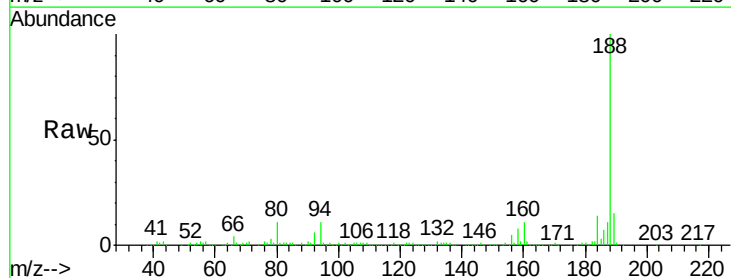
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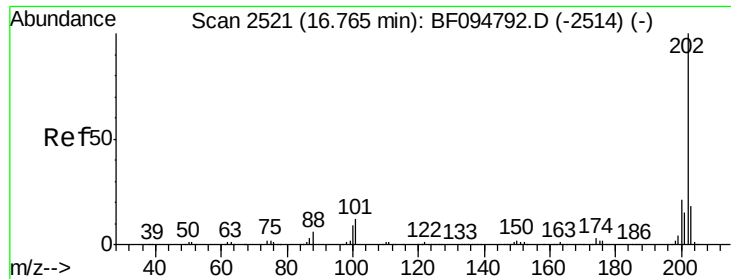
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	306305		
94	10.9	9.4	14.2	
80	10.9	10.2	15.2	





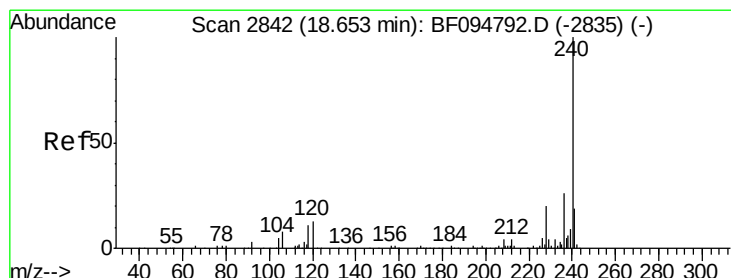
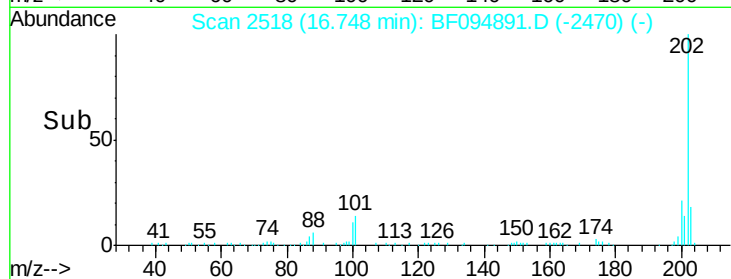
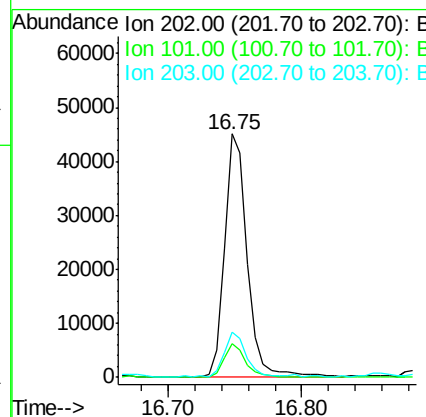
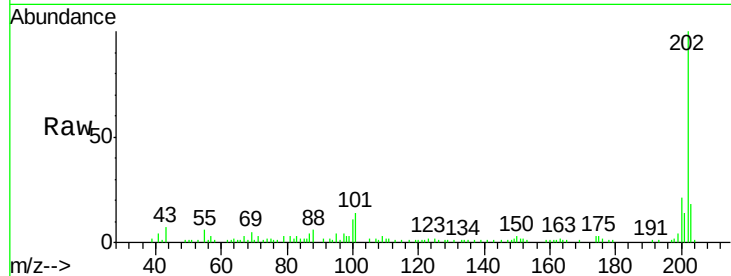
#74
Fluoranthene
Concen: 3.00 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.4	0.0	38.1

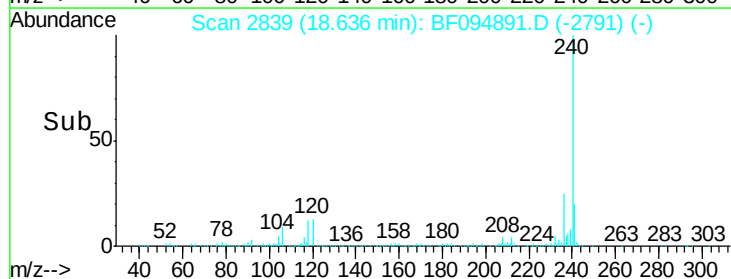
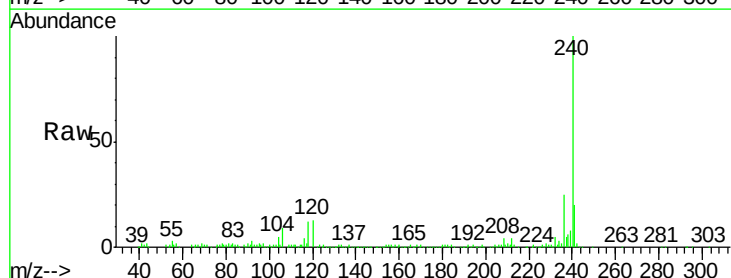
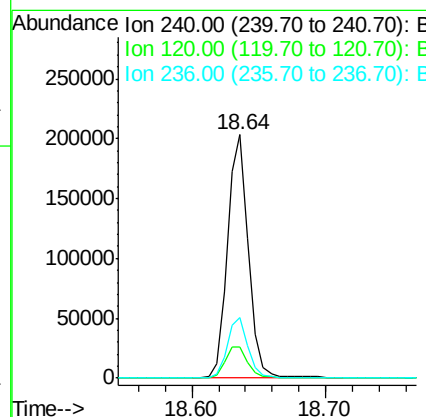
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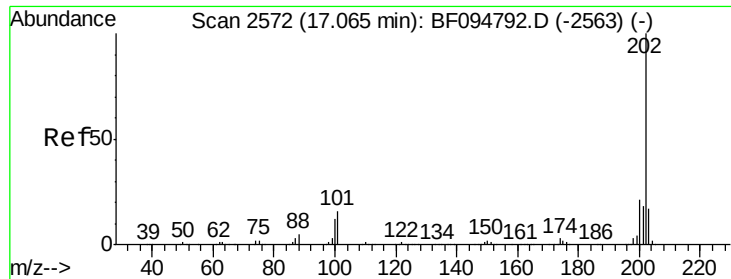
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	24.7	20.5	30.7





#77

Pyrene

Concen: 2.82 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

Instrument :

BNA_F

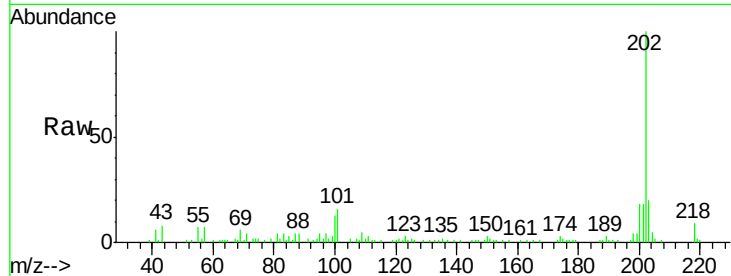
ClientSampleId :

SB-03-COMP(0-2.5)

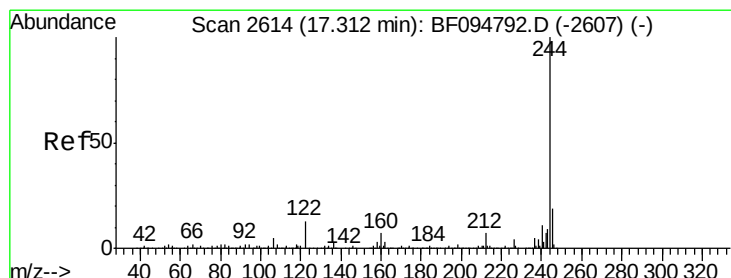
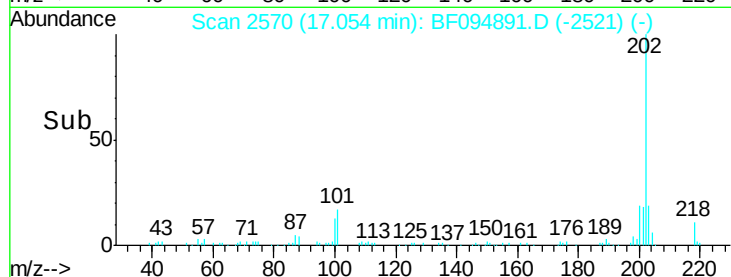
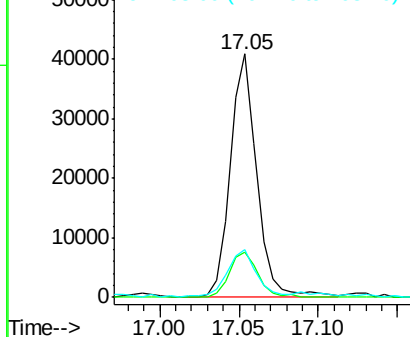
Tgt Ion:	202	Resp:	47395
Ion Ratio	Lower	Upper	
202	100		
200	18.4	17.6	26.4
203	19.7	14.4	21.6

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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: 49.76 ng

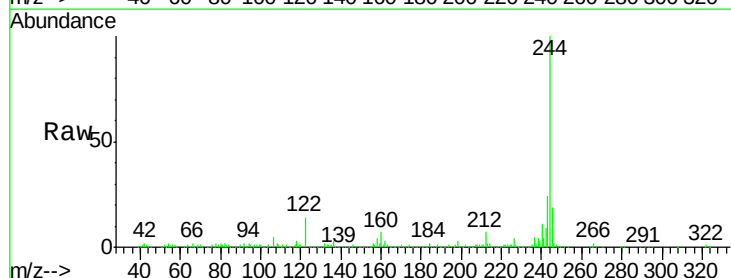
RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

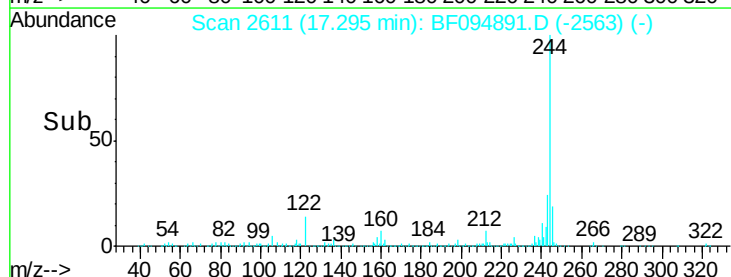
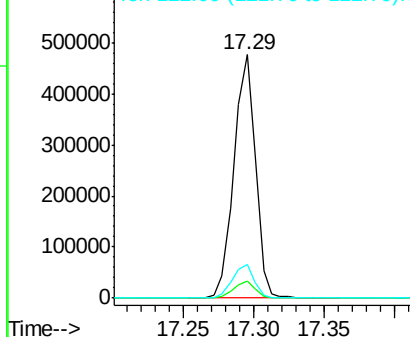
Lab File: BF094891.D

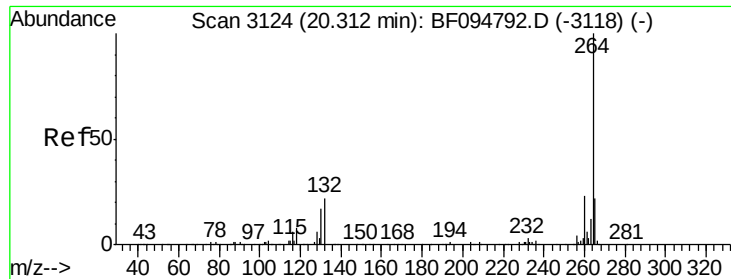
Acq: 5 May 2017 00:23

Tgt Ion:	244	Resp:	507140
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	13.7	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





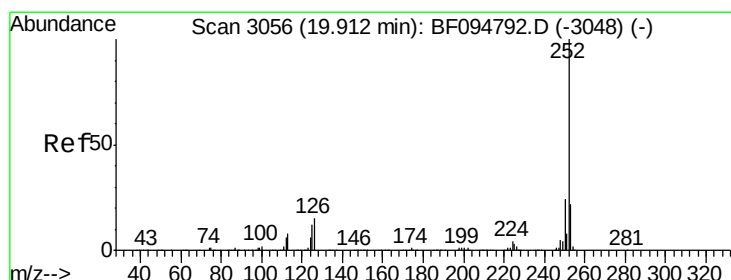
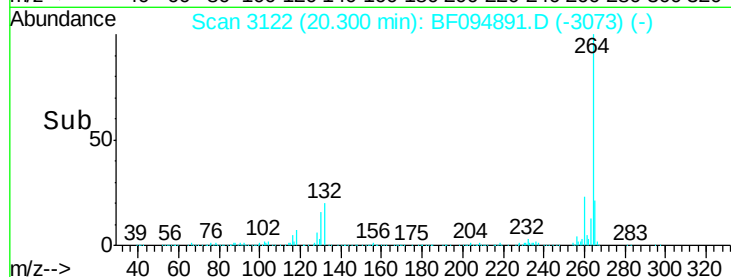
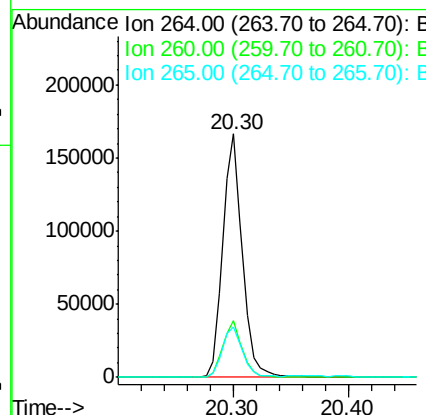
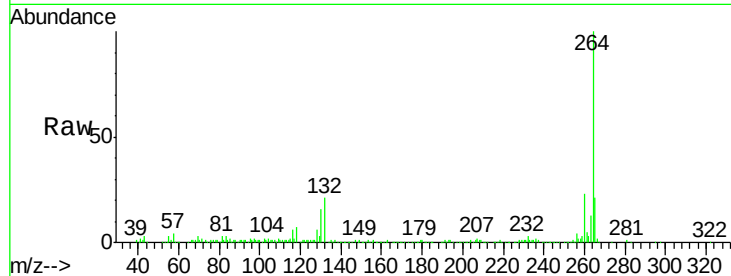
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP(0-2.5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8

Manual Integrations
APPROVED

mohammad
5/5/2017 5:23:31 PM



#87
Benzo(b)fluoranthene
Concen: 2.40 ng m
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.1	27.1
125	22.3	9.8	14.8#

