

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF094999.D
 Acq On : 9 May 2017 1:26
 Operator : SJ/MA
 Sample : I3031-06 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2COMP

Manual Integrations
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Quant Time: May 09 07:13:31 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	7.71	152	97384	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	378931	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	154242	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	271603	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	207371	20.00	ng	-0.02
86) Perylene-d12	20.30	264	155512	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	344127	58.91	ng	-0.03
7) Phenol-d6	7.24	99	420680	60.02	ng	-0.04
23) Nitrobenzene-d5	8.61	82	242498	40.35	ng	-0.03
41) 2,4,6-Tribromophenol	13.86	330	77144	61.07	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	469923	43.85	ng	-0.02
78) Terphenyl-d14	17.29	244	333237	35.39	ng	-0.02
Target Compounds						Qvalue
48) Acenaphthylene	12.34	152	42483	2.59	ng	99
49) Dimethylphthalate	12.20	163	35393	2.80	ng	99
74) Fluoranthene	16.74	202	130832	8.17	ng	99
77) Pyrene	17.04	202	162899	10.50	ng	96
80) Benzo(a)anthracene	18.62	228	140876	11.67	ng	94
82) Chrysene	18.67	228	149819	12.84	ng	98
85) Indeno(1,2,3-cd)pyrene	21.59	276	88966	9.39	ng	94
87) Benzo(b)fluoranthene	19.89	252	184429m	19.19	ng	
88) Benzo(k)fluoranthene	19.92	252	63813m	6.88	ng	
89) Benzo(a)pyrene	20.25	252	141076	15.91	ng	99
90) Dibenzo(a,h)anthracene	21.60	278	27909m	3.81	ng	
91) Benzo(a,h,i)perylene	21.98	276	87522	12.18	ng	97

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

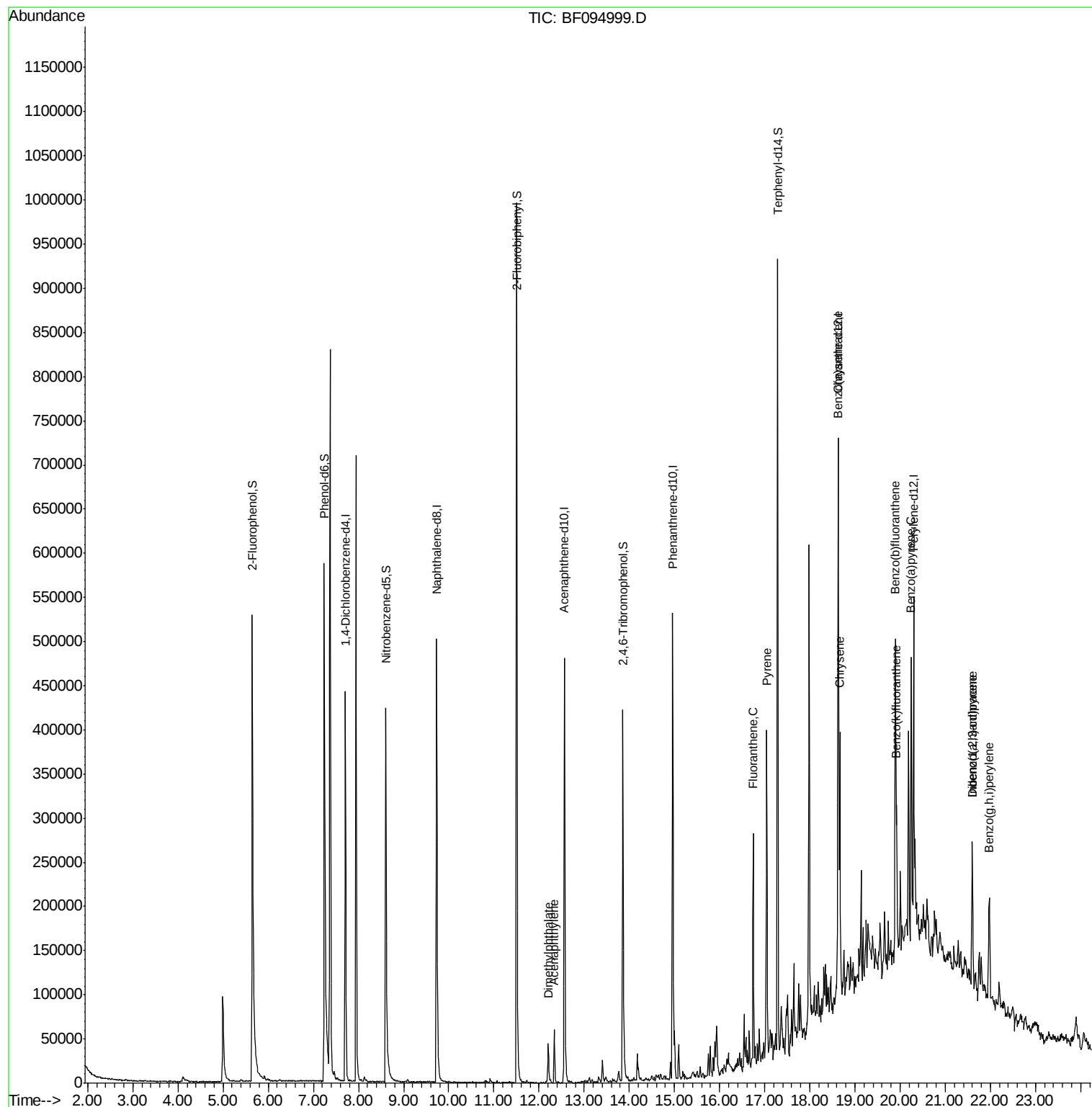
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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ALS Vial : 18 Sample Multiplier: 1

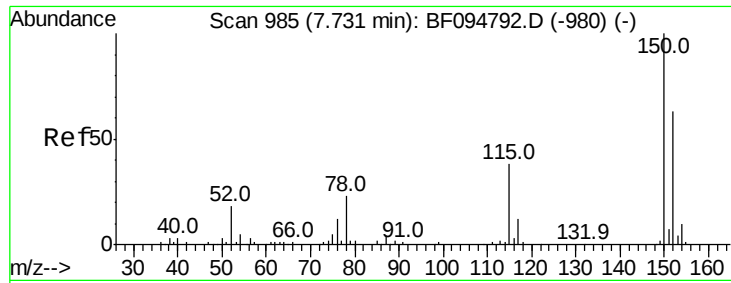
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

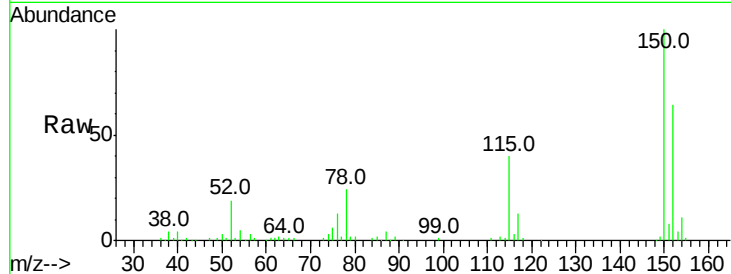
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :
TP-2COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	62.0	52.2	78.2

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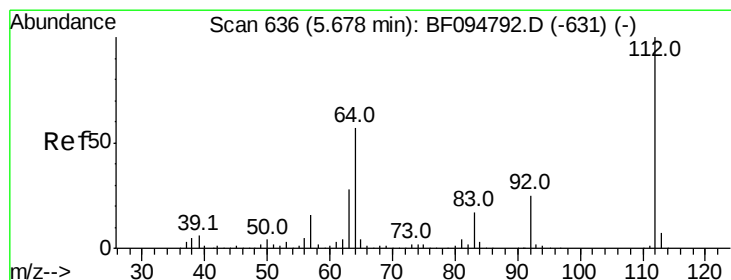
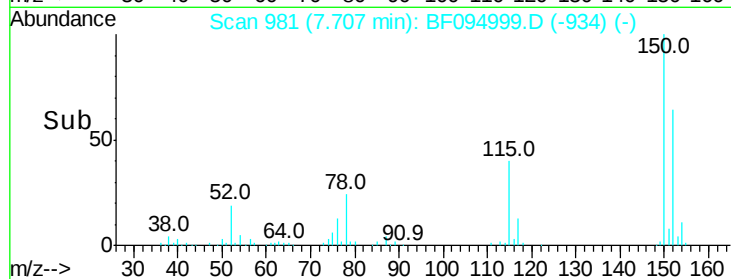
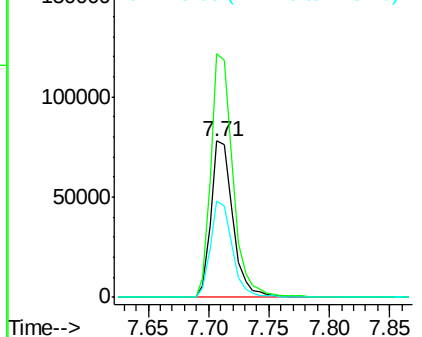


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

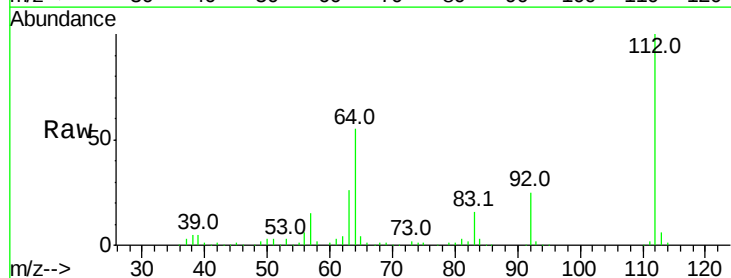
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 58.91 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	26.4	23.4	35.0

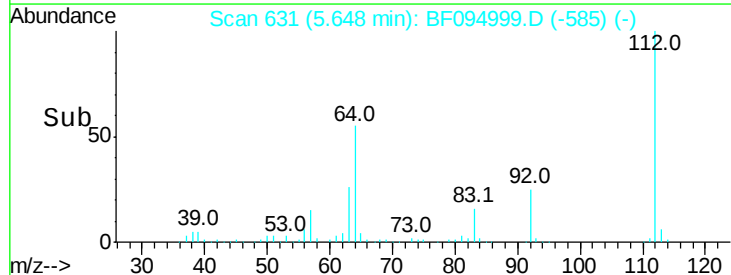
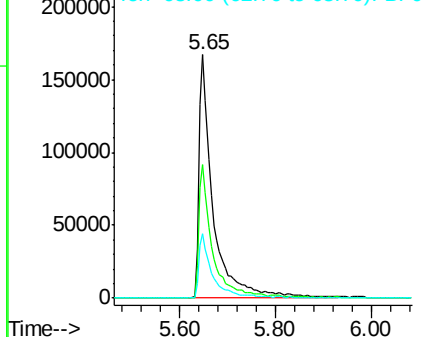


Abundance

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: 60.02 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.04 min

Lab File: BF094999.D

Acq: 9 May 2017 1:26

Instrument :

BNA_F

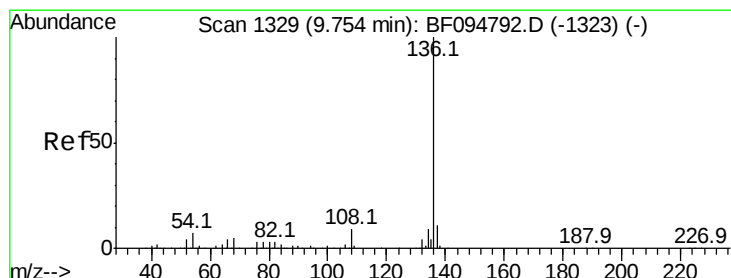
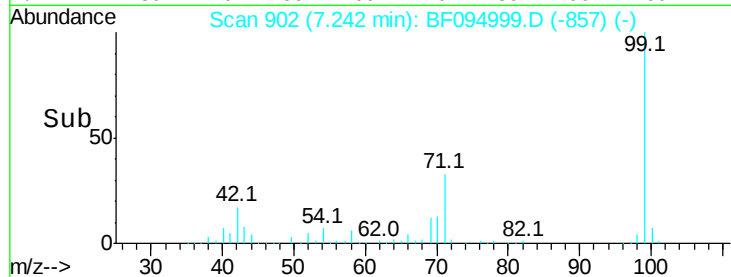
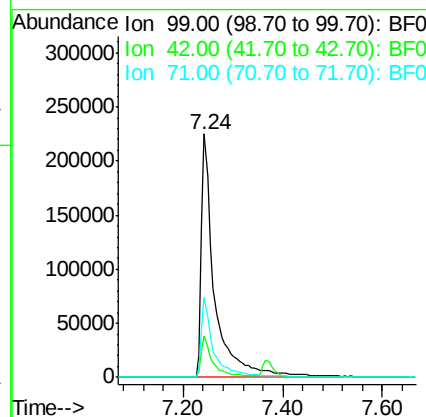
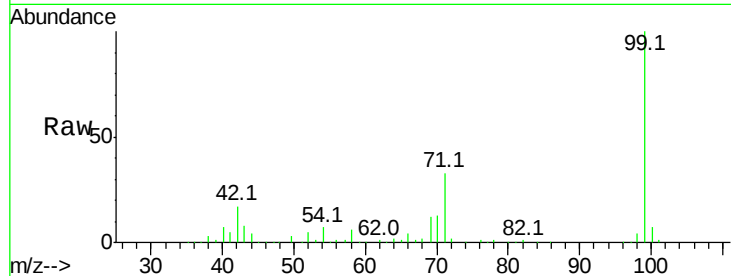
ClientSampleId :

TP-2COMP

Tot Ion:	99	Resp:	420680
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	32.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

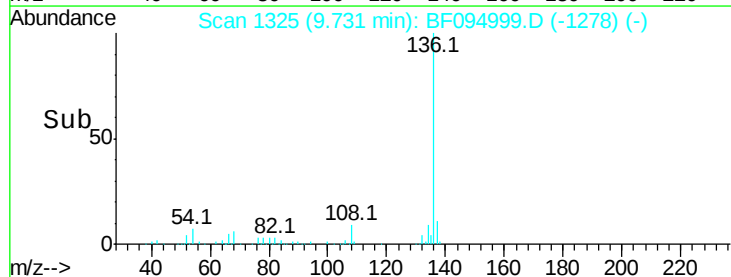
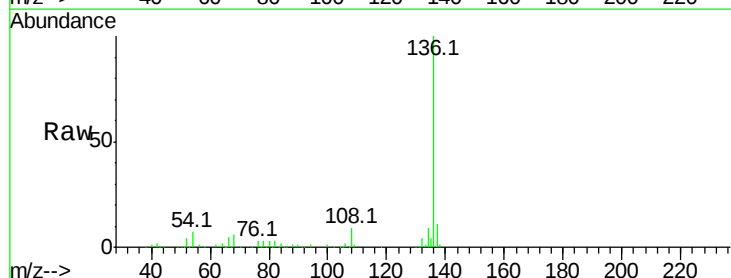
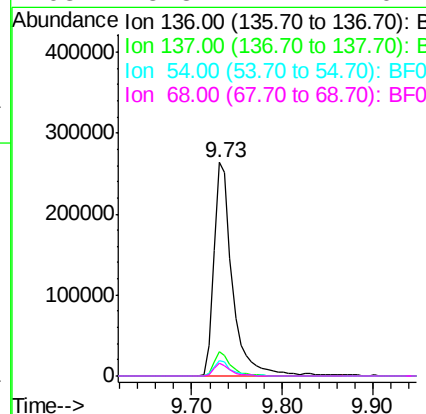
RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF094999.D

Acq: 9 May 2017 1:26

Tgt Ion:	136	Resp:	378931
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1





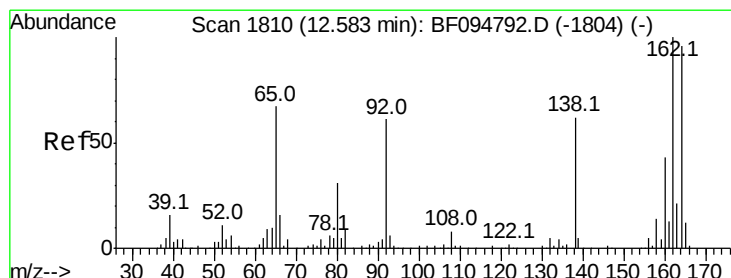
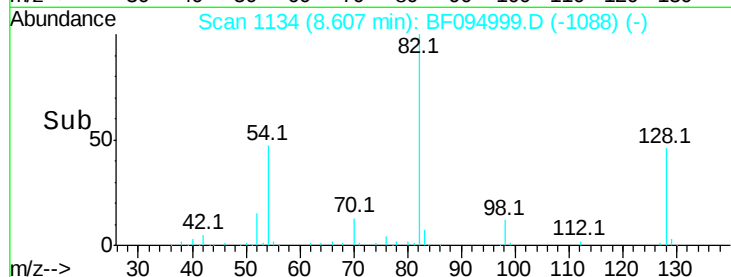
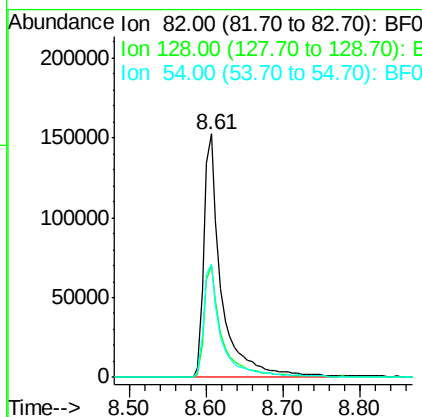
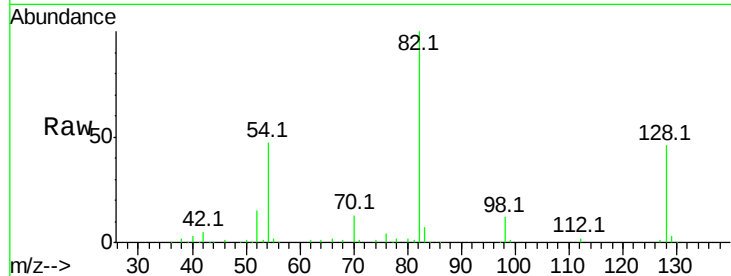
#23
 Nitrobenzene-d5
 Concen: 40.35 ng
 RT: 8.61 min Scan# 1134
 Delta R.T. -0.03 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-2COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	242498		
128	46.1	34.0	51.0	
54	46.6	42.2	63.2	

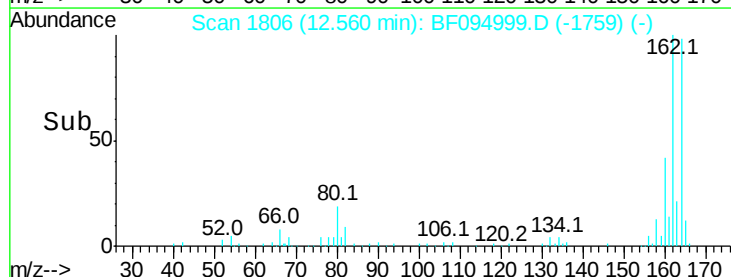
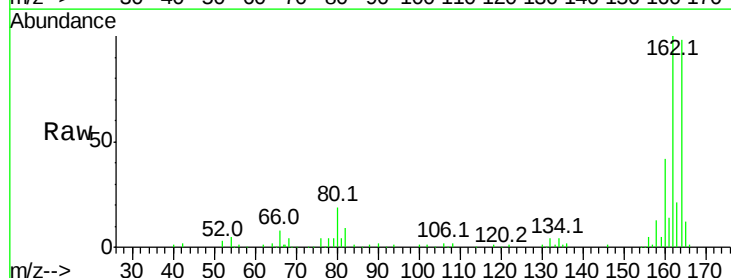
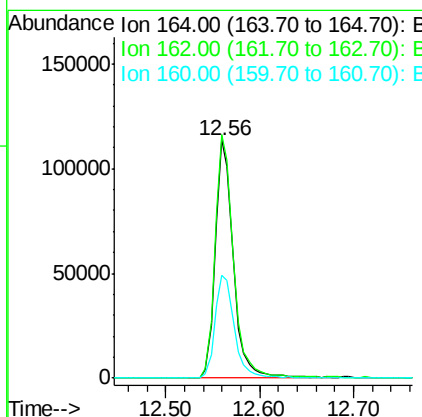
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154242		
162	102.3	82.6	123.8	
160	43.2	36.2	54.2	





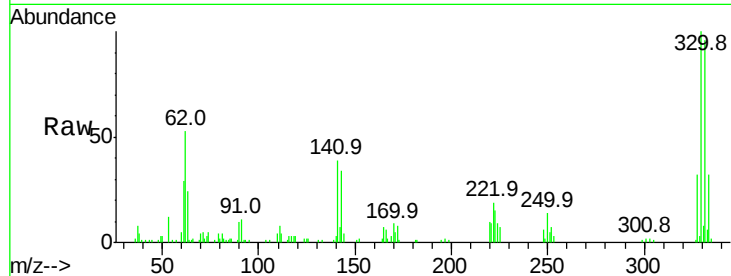
#41
 2,4,6-Tribromophenol
 Concen: 61.07 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-2COMP

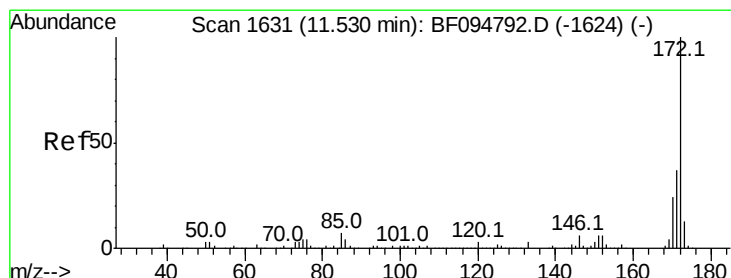
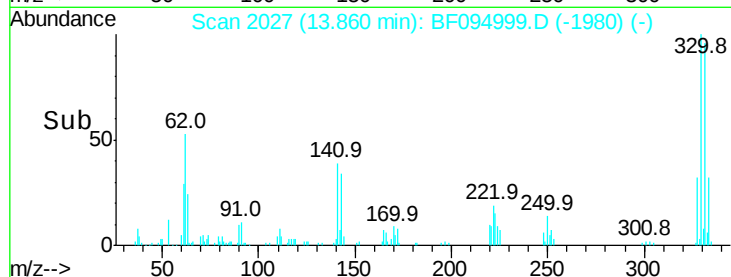
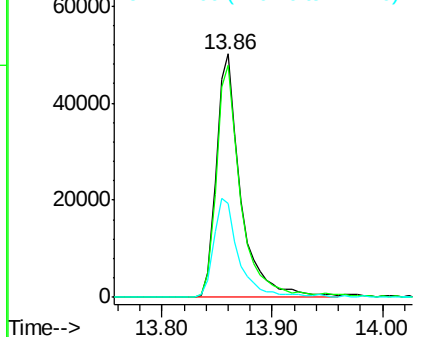
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	41.7	31.4	47.2

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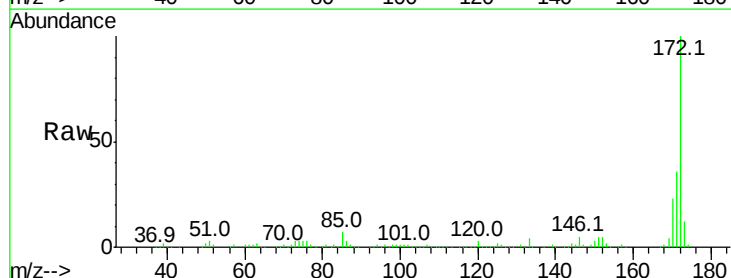


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

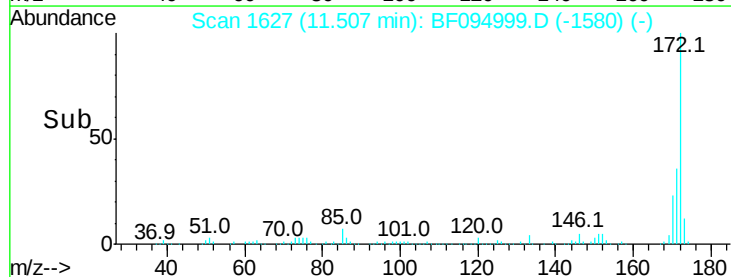
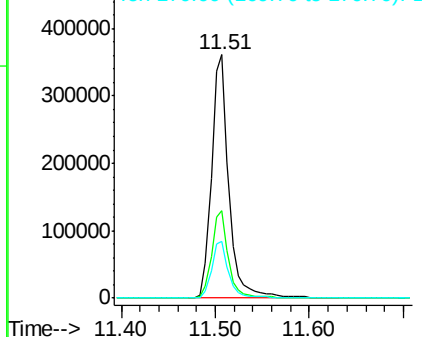


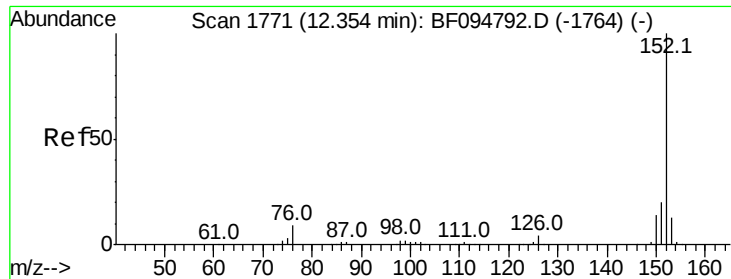
#44
 2-Fluorobiphenyl
 Concen: 43.85 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.2	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





#48

Acenaphthylene

Concen: 2.59 ng

RT: 12.34 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF094999.D

Acq: 9 May 2017 1:26

Instrument :

BNA_F

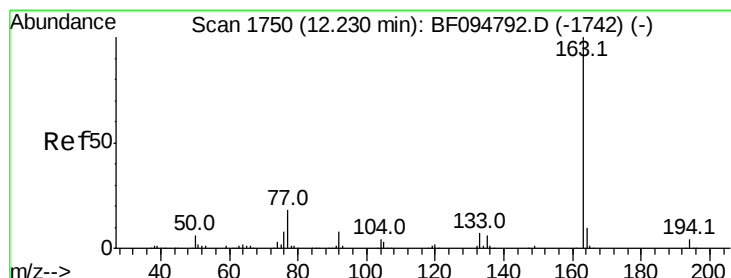
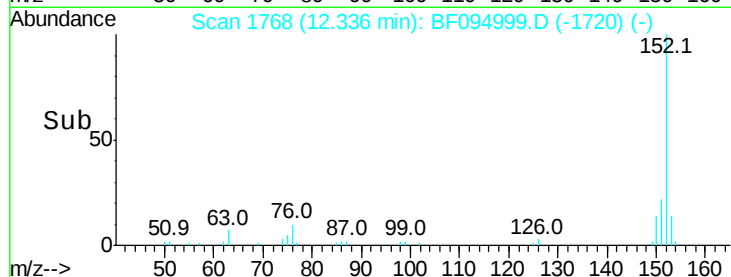
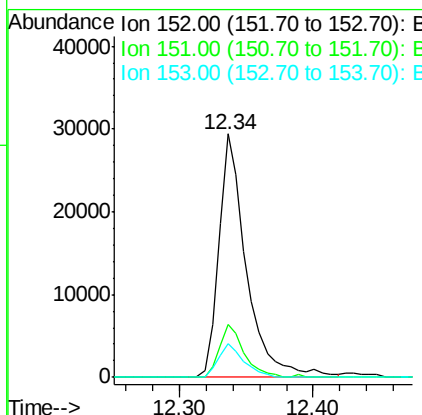
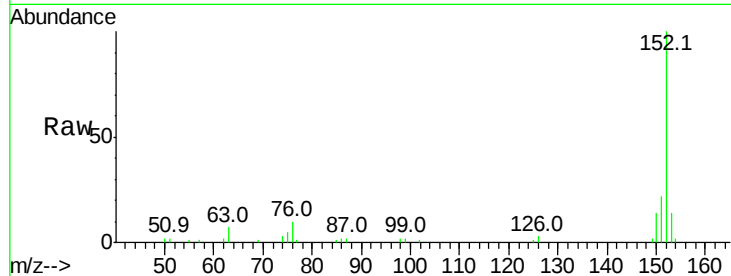
ClientSampleId :

TP-2COMP

Tot Ion:	152	Resp:	42483
Ion Ratio	Lower	Upper	
152	100		
151	22.0	16.8	25.2
153	13.7	10.8	16.2

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#49

Dimethylphthalate

Concen: 2.80 ng

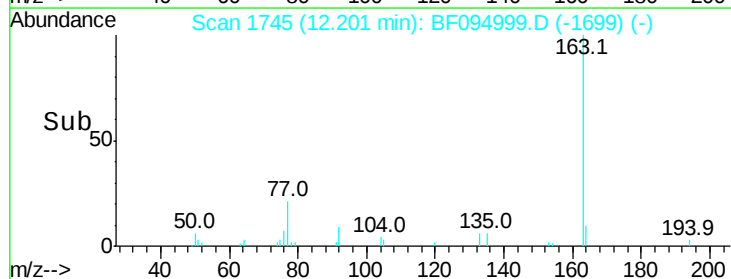
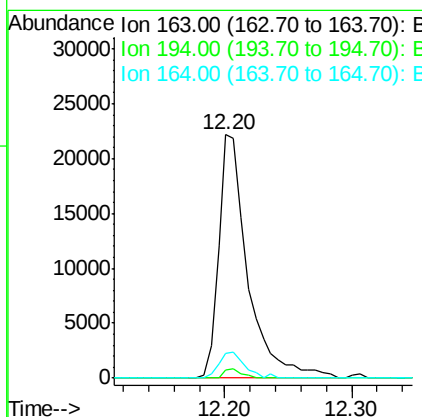
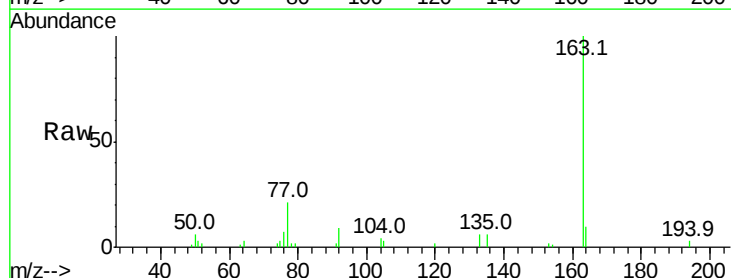
RT: 12.20 min Scan# 1745

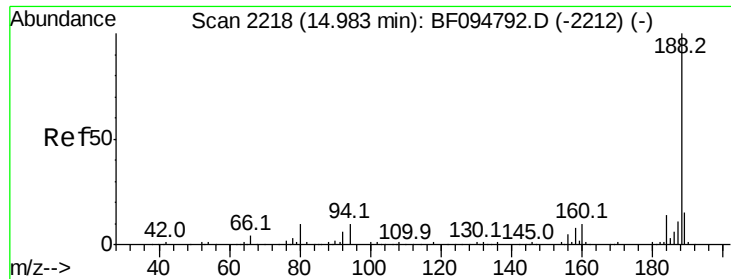
Delta R.T. -0.03 min

Lab File: BF094999.D

Acq: 9 May 2017 1:26

Tgt Ion:	163	Resp:	35393
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6





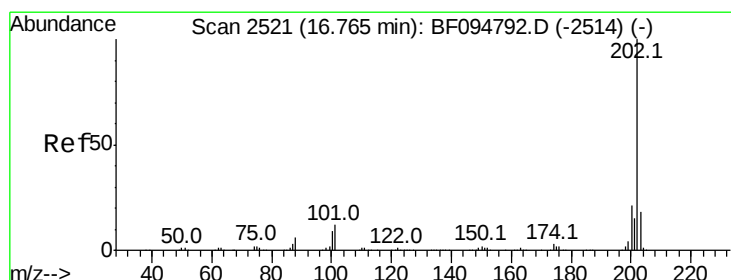
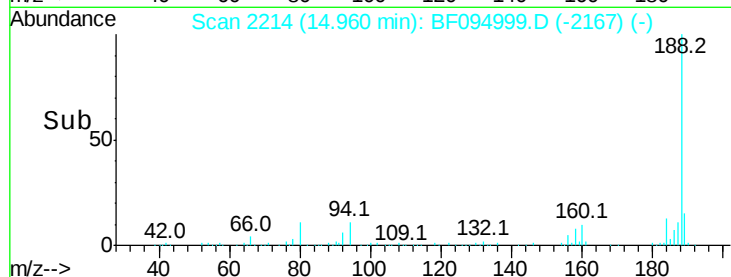
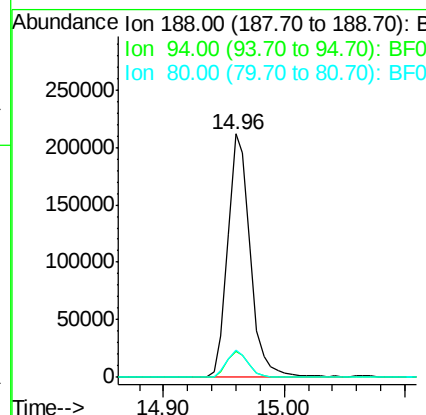
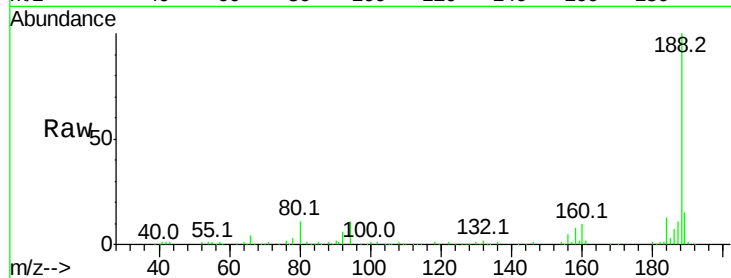
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-2COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.1	10.2	15.2

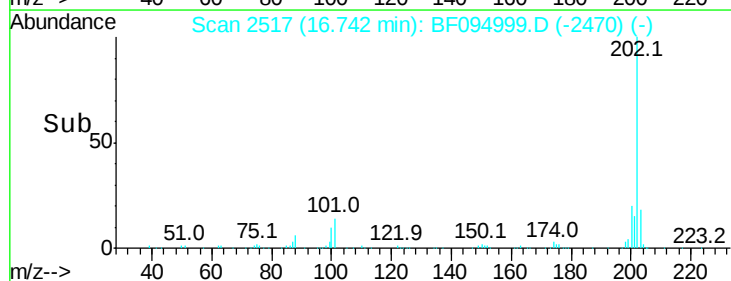
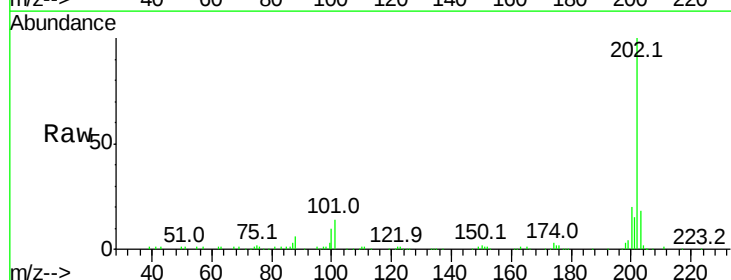
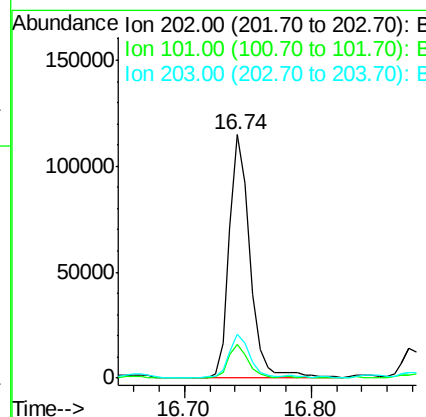
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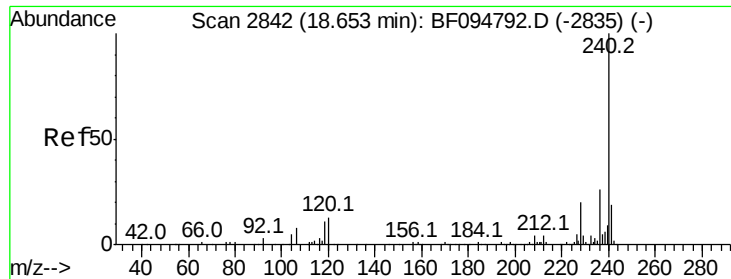
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#74
 Fluoranthene
 Concen: 8.17 ng
 RT: 16.74 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1





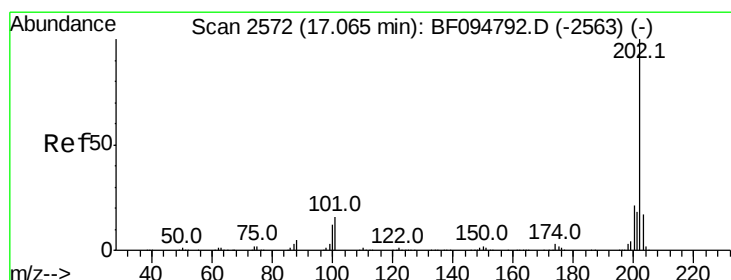
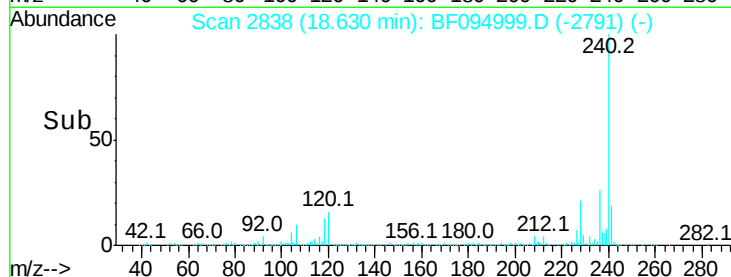
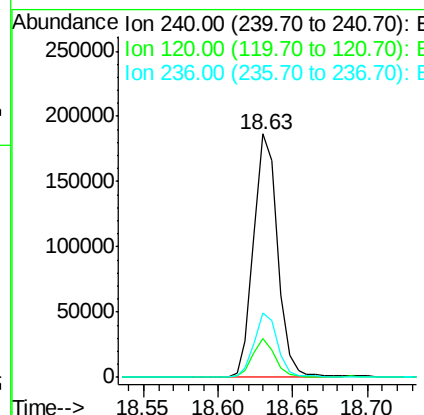
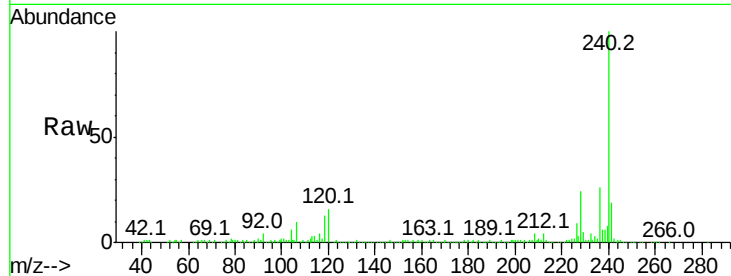
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :
TP-2COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	207371		
120	15.7	5.8	8.8#	
236	26.2	20.5	30.7	

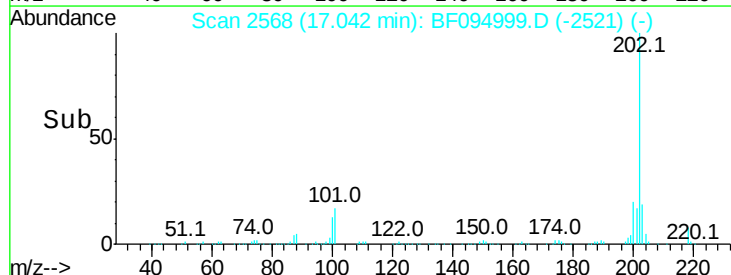
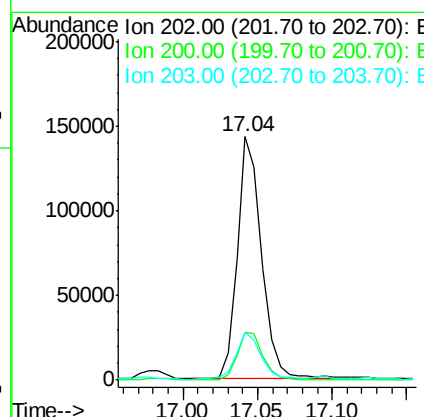
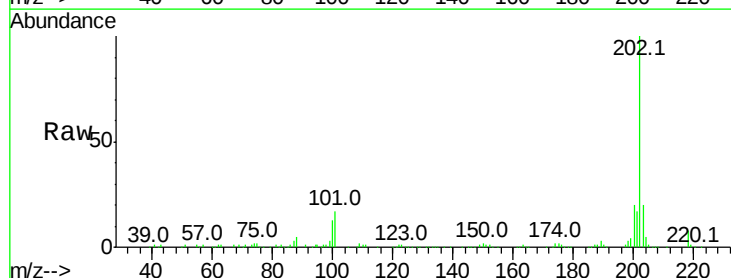
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#77
Pyrene
Concen: 10.50 ng
RT: 17.04 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	162899		
200	19.7	17.6	26.4	
203	19.5	14.4	21.6	





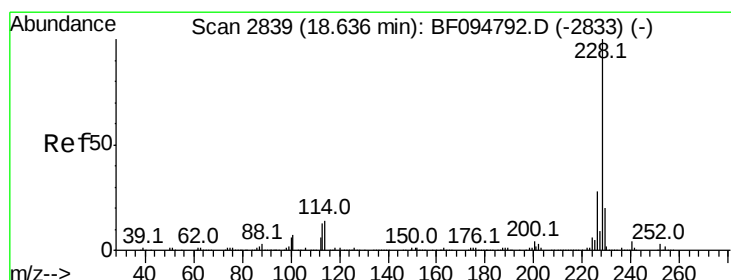
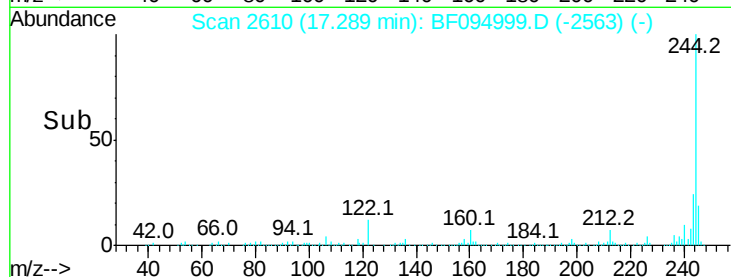
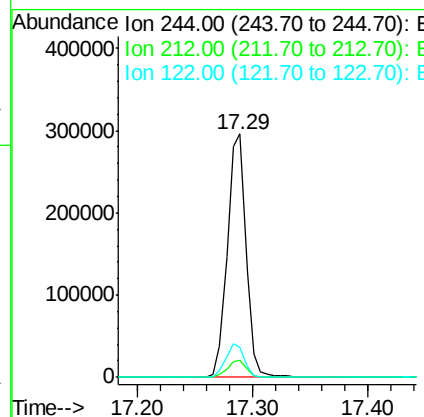
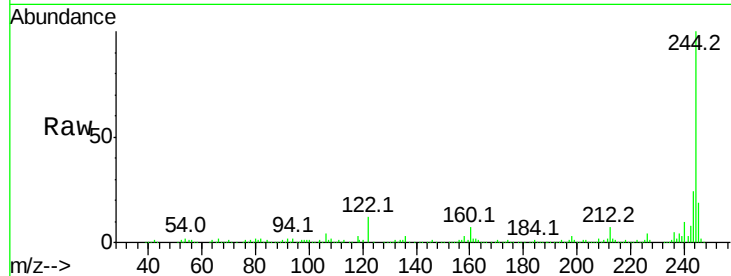
#78
 Terphenyl-d14
 Concen: 35.39 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-2COMP

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	12.4	10.3	15.5	

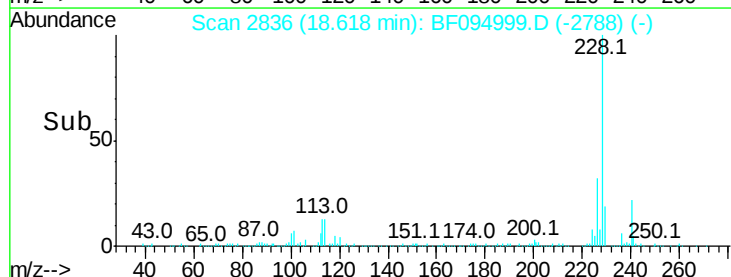
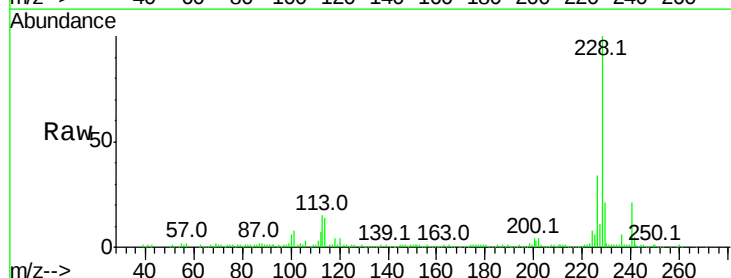
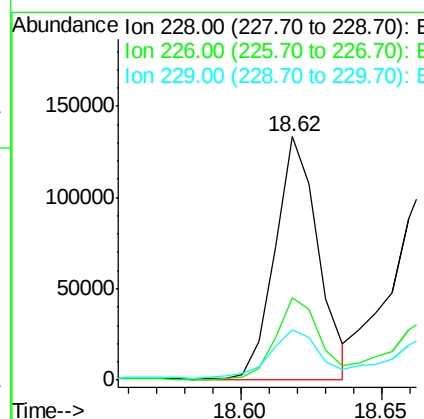
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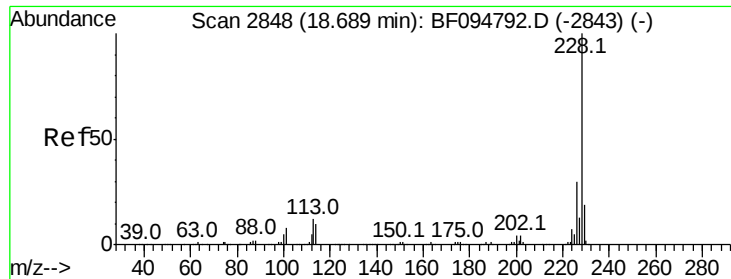
mohammad
 5/9/2017 5:02:47 PM



#80
 Benzo(a)anthracene
 Concen: 11.67 ng
 RT: 18.62 min Scan# 2836
 Delta R.T. -0.02 min
 Lab File: BF094999.D
 Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	33.6	22.6	33.8	
229	20.8	16.3	24.5	





#82

Chrysene

Concen: 12.84 ng

RT: 18.67 min Scan# 2844

Delta R.T. -0.02 min

Lab File: BF094999.D

Acq: 9 May 2017 1:26

Instrument :

BNA_F

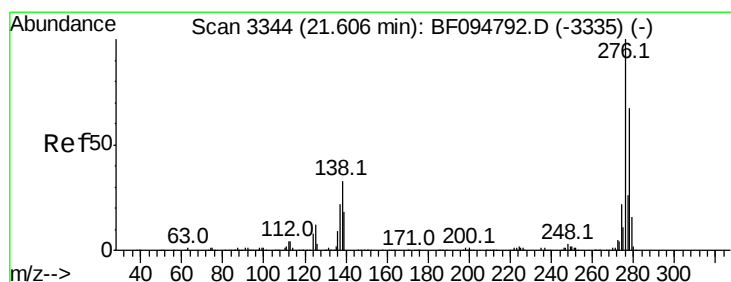
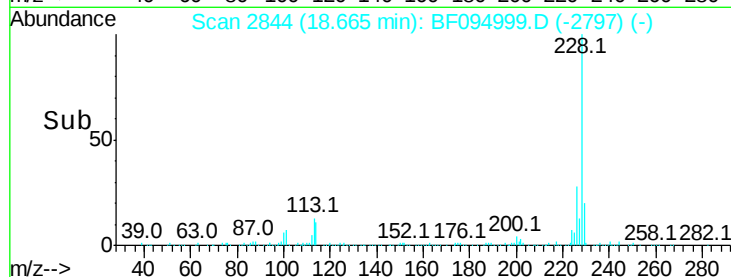
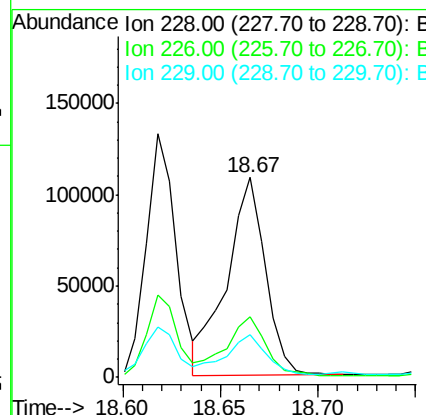
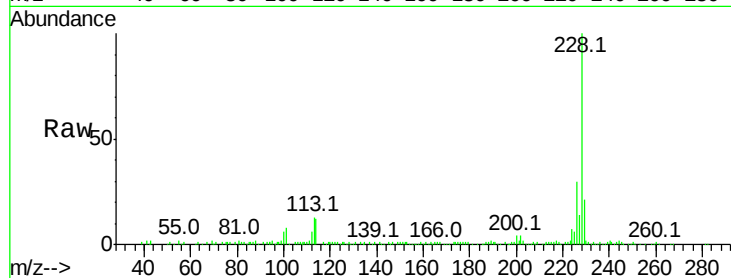
ClientSampleId :

TP-2COMP

Tot Ion:	228	Resp:	149819
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.9	37.3
229	21.3	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 9.39 ng

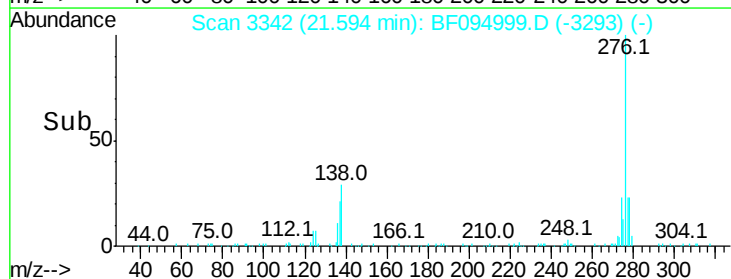
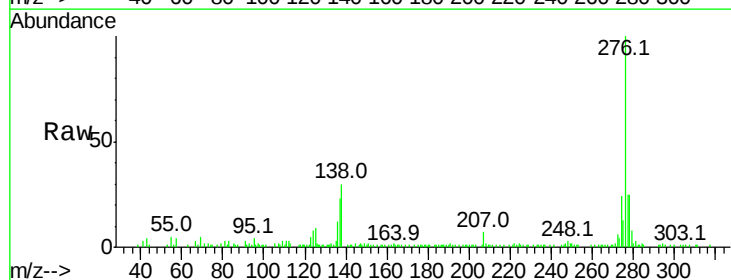
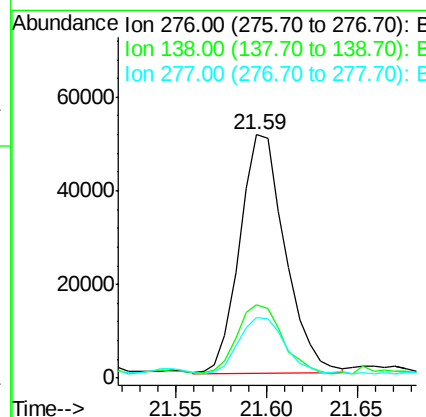
RT: 21.59 min Scan# 3342

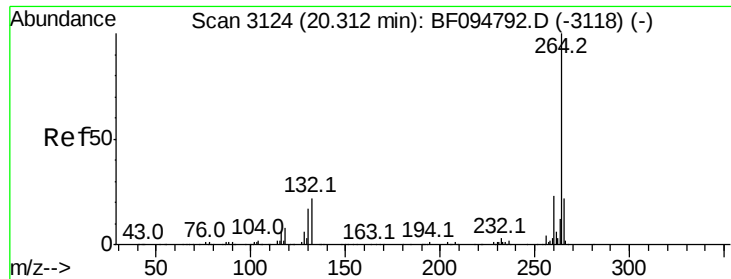
Delta R.T. -0.01 min

Lab File: BF094999.D

Acq: 9 May 2017 1:26

Tgt Ion:	276	Resp:	88966
Ion Ratio	Lower	Upper	
276	100		
138	28.9	27.8	41.6
277	25.6	20.2	30.4





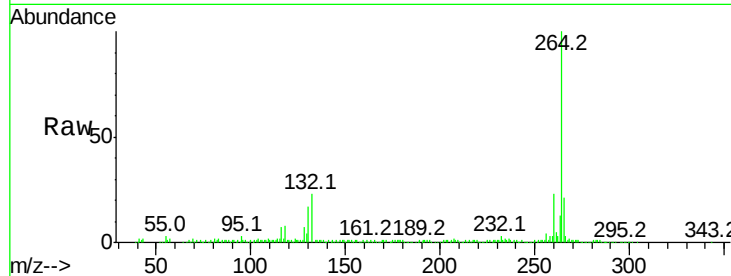
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampled :
TP-2COMP

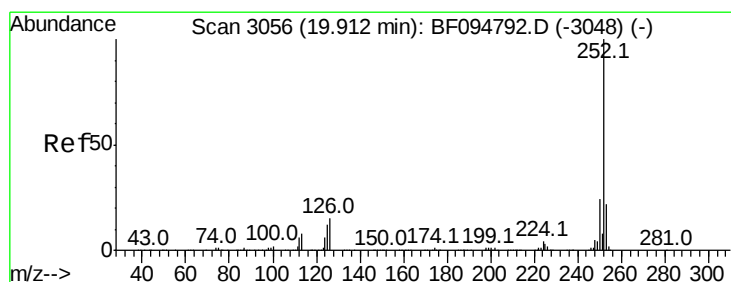
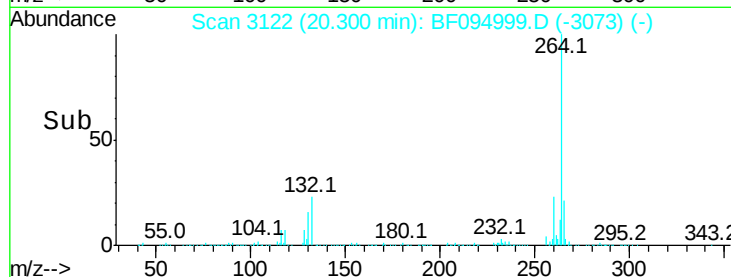
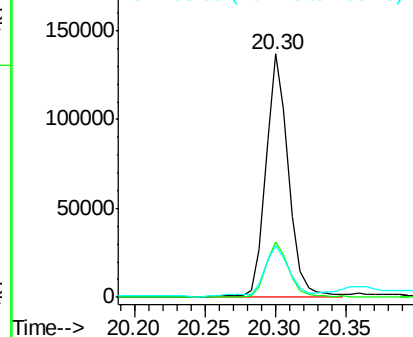
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.3	17.2	25.8

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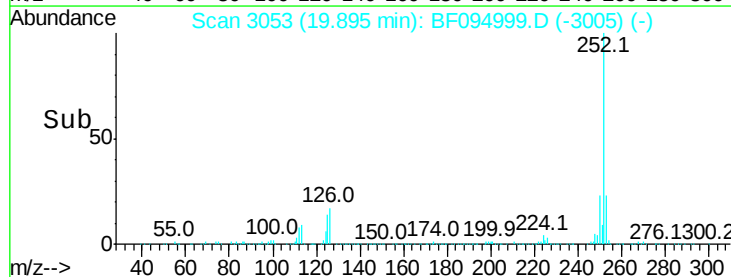
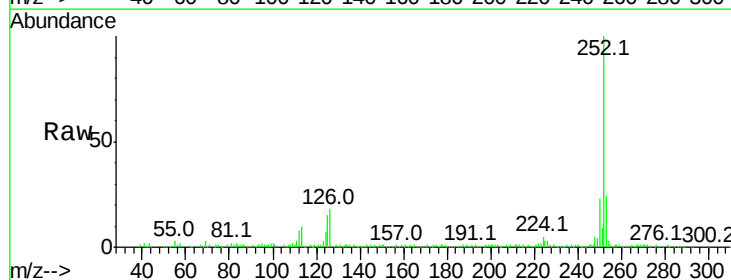
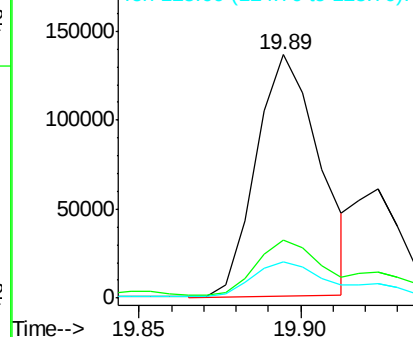
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

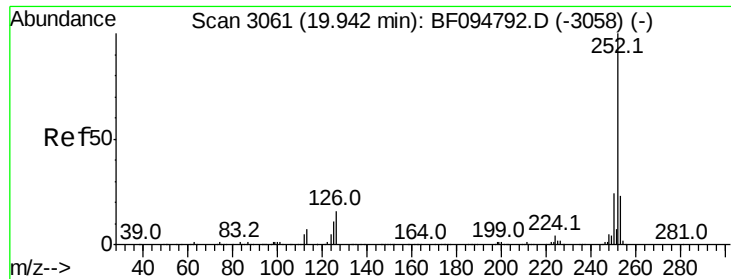


#87
Benzo(b)fluoranthene
Concen: 19.19 ng m
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	15.0	9.8	14.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





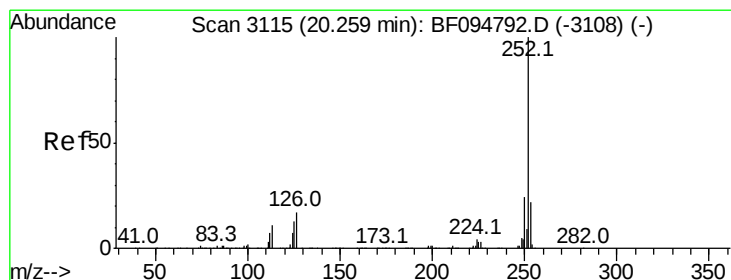
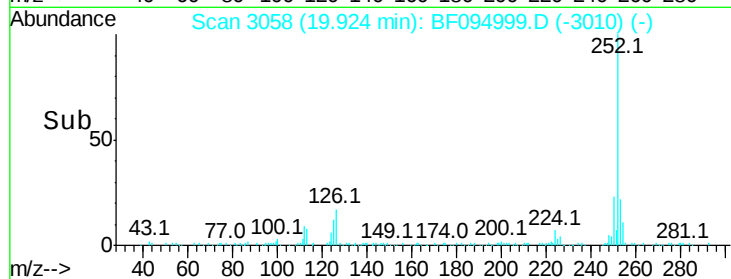
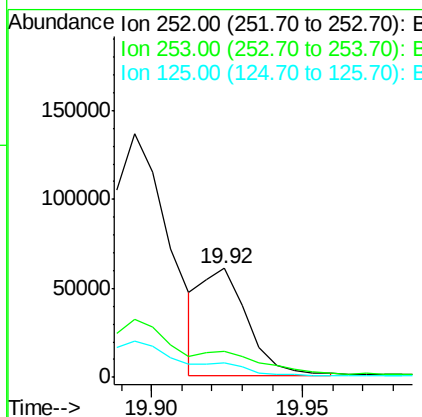
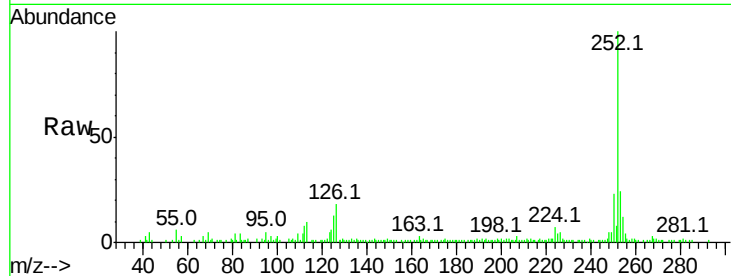
#88
Benzo(k)fluoranthene
Concen: 6.88 ng m
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :
TP-2COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	12.8	13.1	19.7

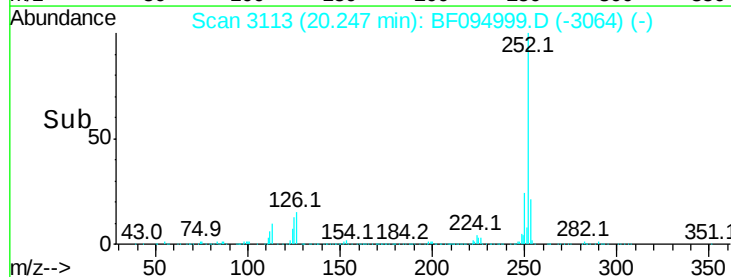
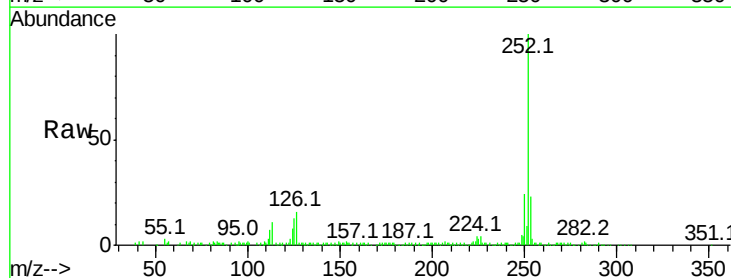
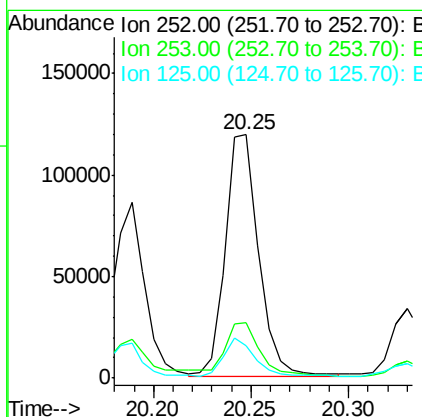
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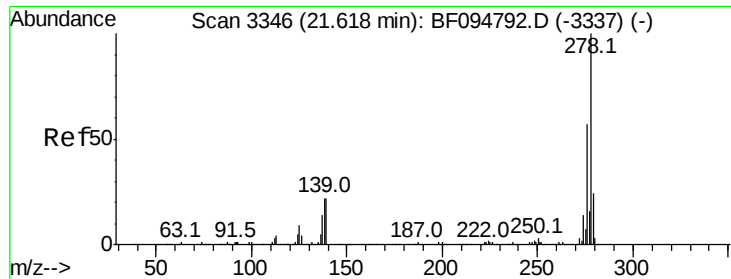
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#89
Benzo(a)pyrene
Concen: 15.91 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.3	11.0	16.4





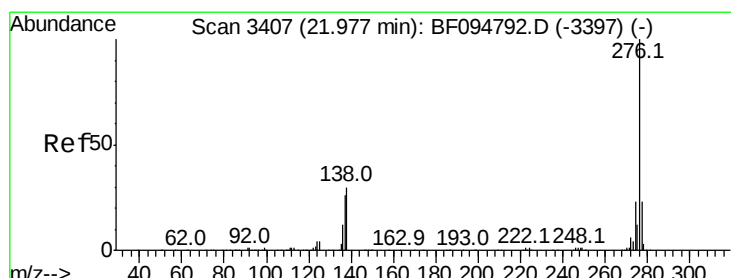
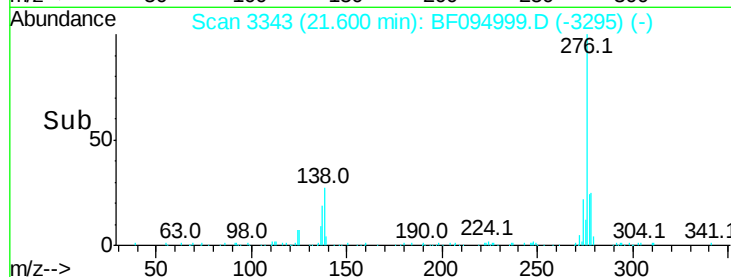
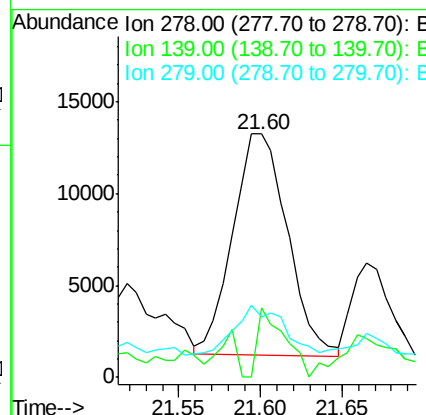
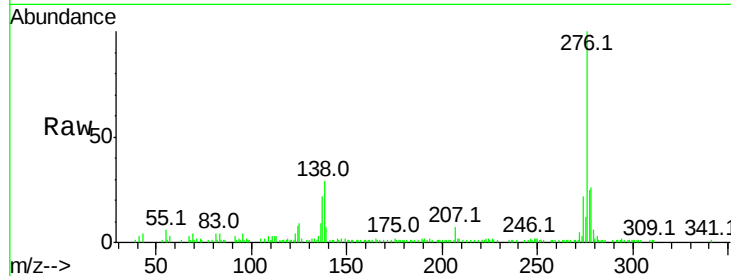
#90
Dibenzo(a,h)anthracene
Concen: 3.81 ng/mL
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Instrument :
BNA_F
ClientSampleId :
TP-2COMP

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.8	16.6	24.8
279	24.8	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 12.18 ng/mL
RT: 21.98 min Scan# 3407
Delta R.T. 0.00 min
Lab File: BF094999.D
Acq: 9 May 2017 1:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	29.7	25.4	38.0

