

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094848.D
 Acq On : 3 May 2017 22:42
 Operator : SJ/MA
 Sample : I2914-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-2.5-3.5

Manual Integrations
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Quant Time: May 04 03:07:29 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	99439	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	412866	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	196899	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	304986	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	216215	20.00	ng	-0.02
86) Perylene-d12	20.30	264	194007	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	908694	152.35	ng	0.00
7) Phenol-d6	7.27	99	1165769	162.90	ng	0.00
23) Nitrobenzene-d5	8.62	82	677525	103.48	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	207526	128.70	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1096489	80.15	ng	-0.01
78) Terphenyl-d14	17.30	244	796884	81.18	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.28	94	28468	3.78	ng	84
49) Dimethylphthalate	12.21	163	315705	19.53	ng	97
70) Phenanthrene	15.01	178	40230	2.30	ng	98
74) Fluoranthene	16.75	202	202940	11.29	ng	99
77) Pyrene	17.05	202	190964	11.81	ng	96
80) Benzo(a)anthracene	18.62	228	114941m	9.13	ng	
82) Chrysene	18.67	228	119761	9.84	ng	97
83) Bis(2-ethylhexyl)phthalate	18.71	149	28564	2.67	ng	# 92
85) Indeno(1,2,3-cd)pyrene	21.59	276	56260	5.69	ng	95
87) Benzo(b)fluoranthene	19.90	252	121691m	10.15	ng	
88) Benzo(k)fluoranthene	19.92	252	51014m	4.41	ng	
89) Benzo(a)pyrene	20.25	252	90539	8.18	ng	99
91) Benzo(g,h,i)perylene	21.97	276	53279	5.94	ng	99

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

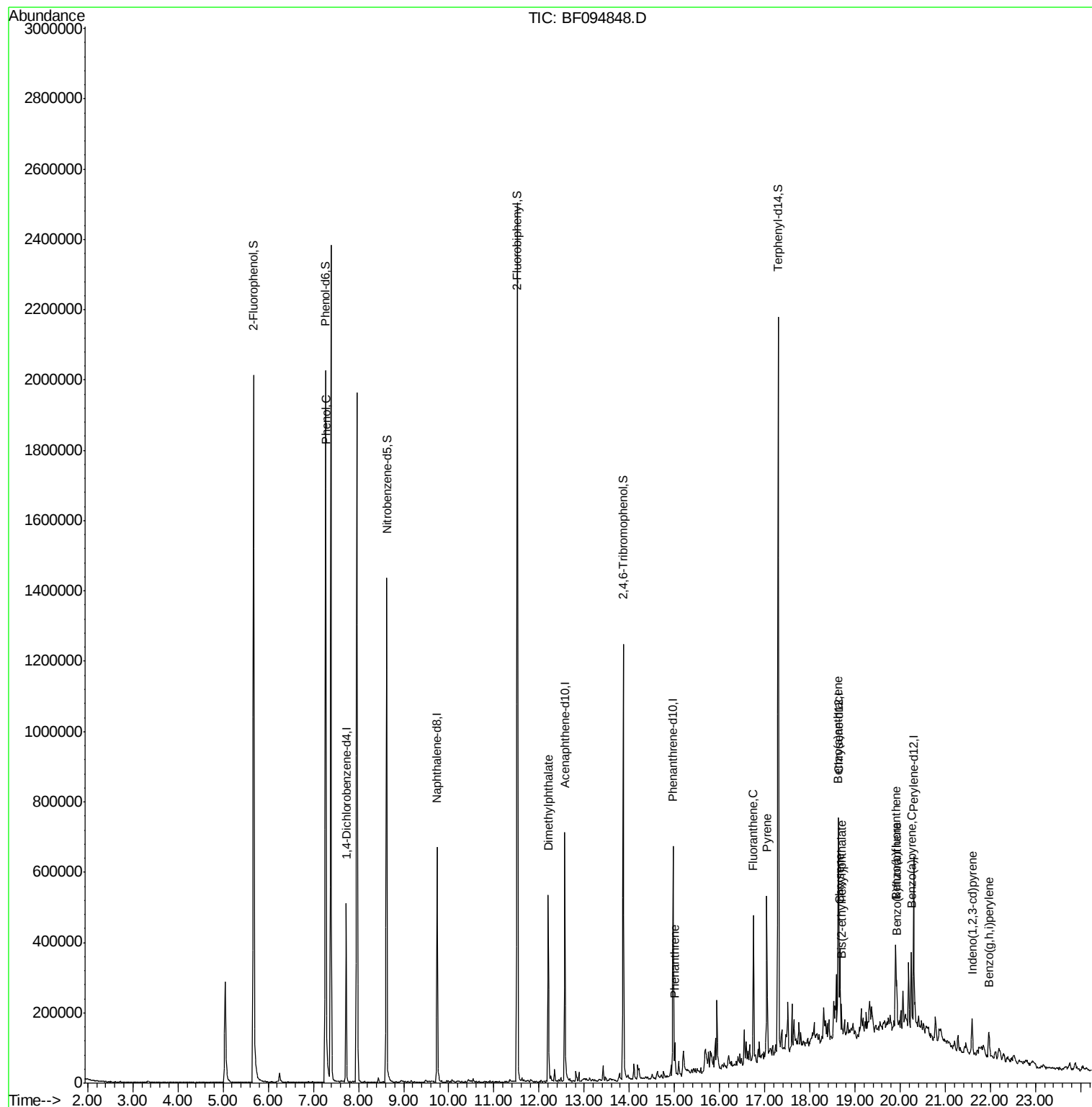
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
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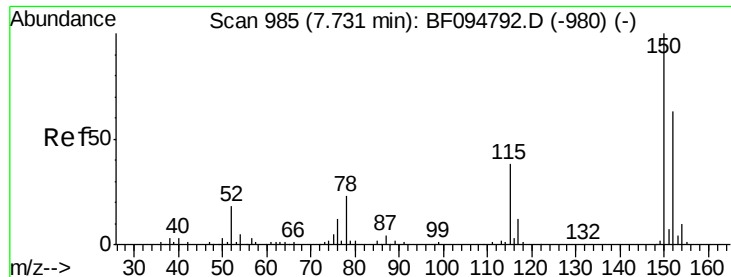
Instrument :
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SB-03-2.5-3.5

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#1

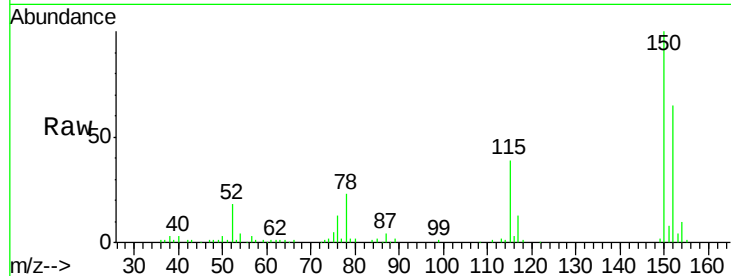
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

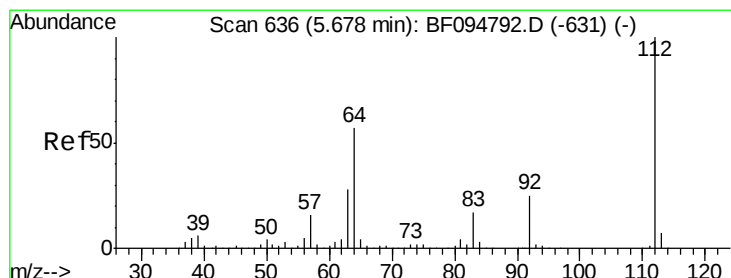
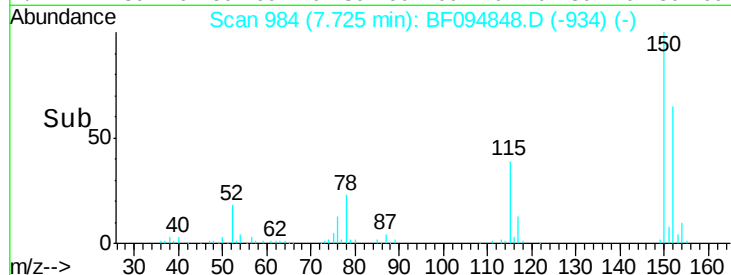
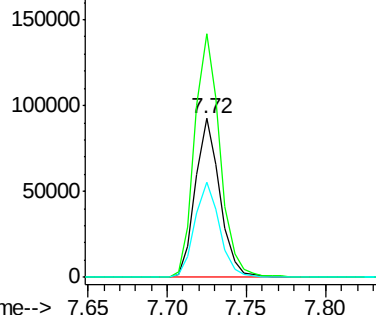
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	59.6	52.2	78.2

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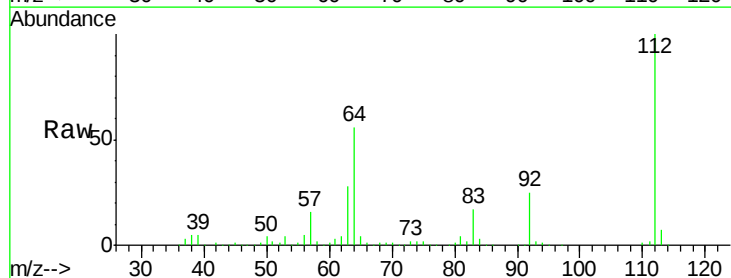
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



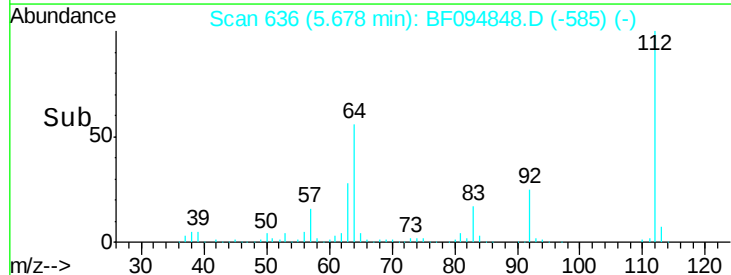
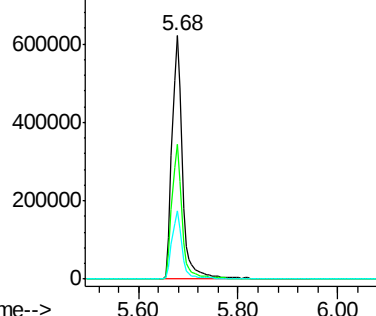
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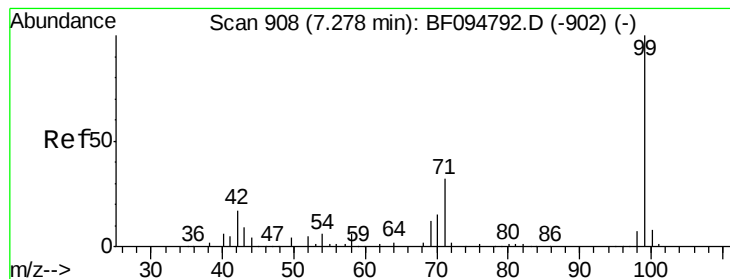
2-Fluorophenol
Concen: 152.35 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	28.0	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: 162.90 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094848.D

Acq: 3 May 2017 22:42

Instrument :

BNA_F

ClientSampleId :

SB-03-2.5-3.5

Tgt Ion: 99 Resp: 1165769

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

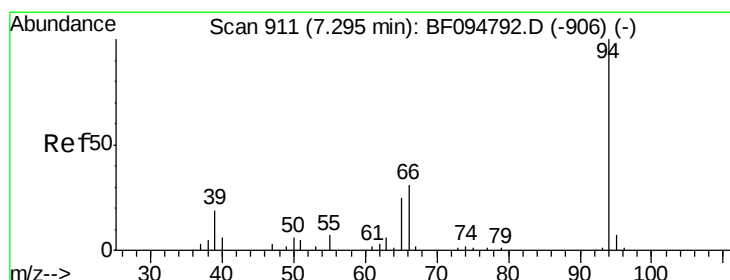
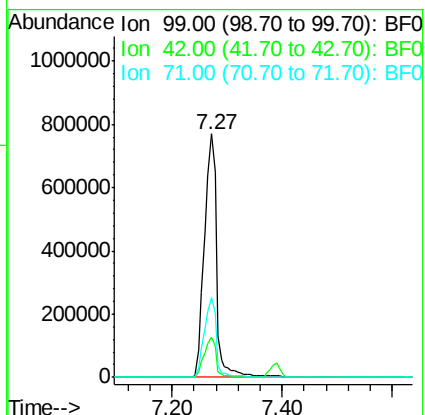
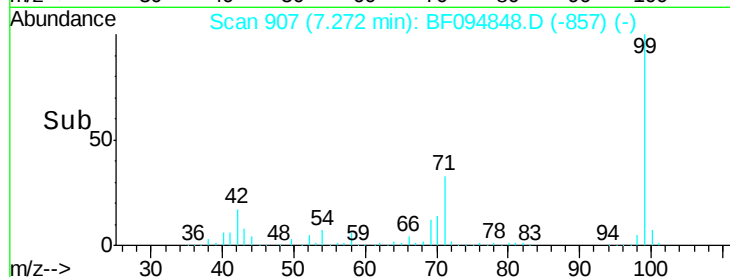
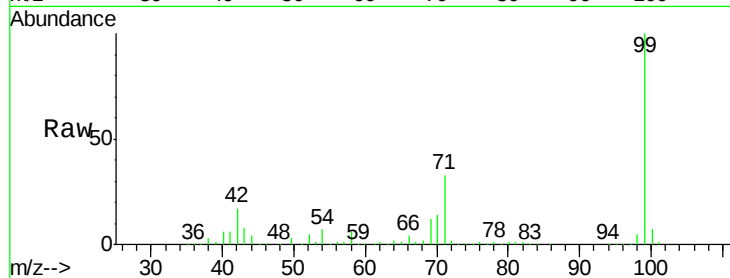
71 32.7 24.5 36.7

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#10

Phenol

Concen: 3.78 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094848.D

Acq: 3 May 2017 22:42

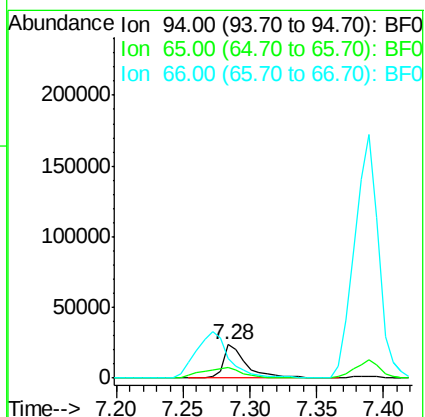
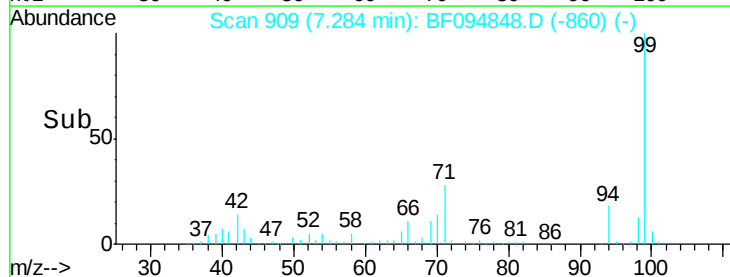
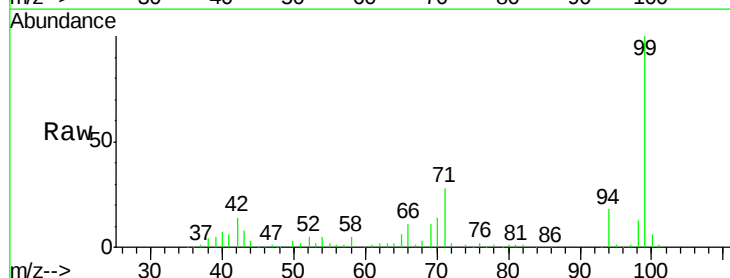
Tgt Ion: 94 Resp: 28468

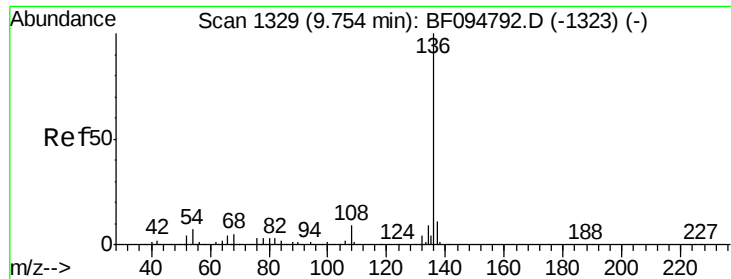
Ion Ratio Lower Upper

94 100

65 31.5 9.9 49.9

66 58.8 23.1 63.1





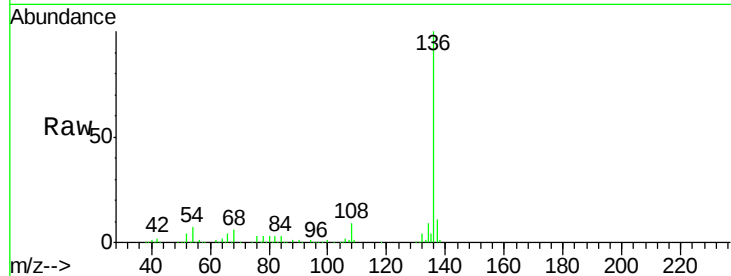
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

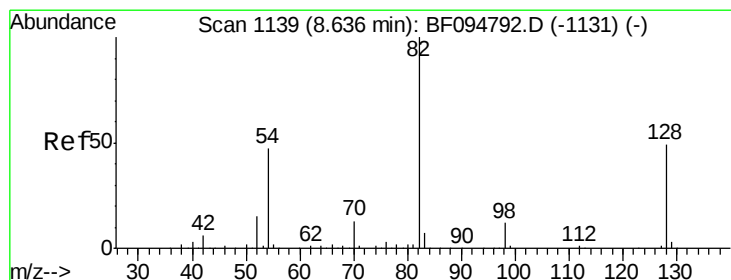
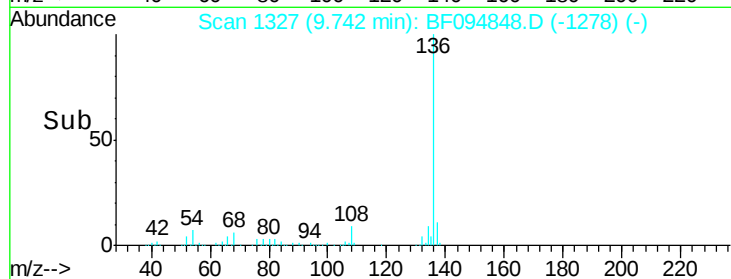
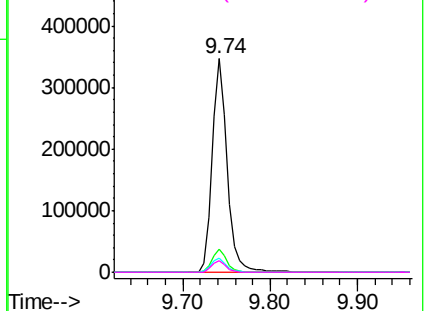
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	412866		
137	10.6		8.5	12.7
54	6.7		4.9	7.3
68	5.5		4.1	6.1

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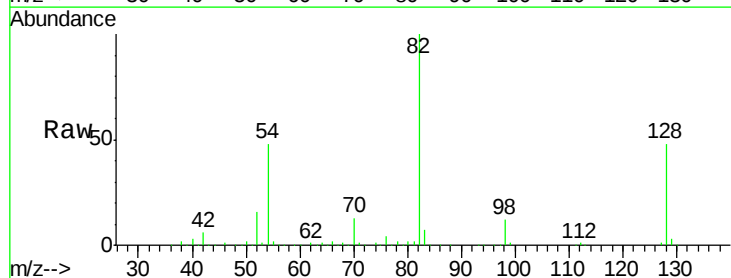


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

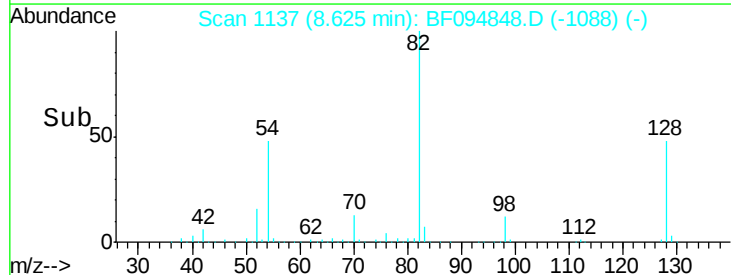
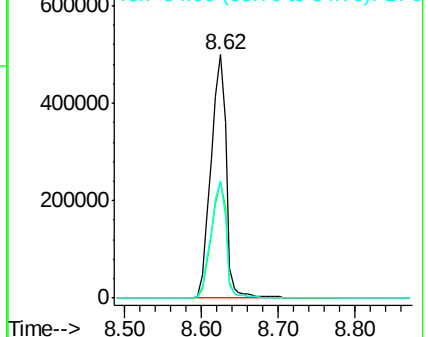


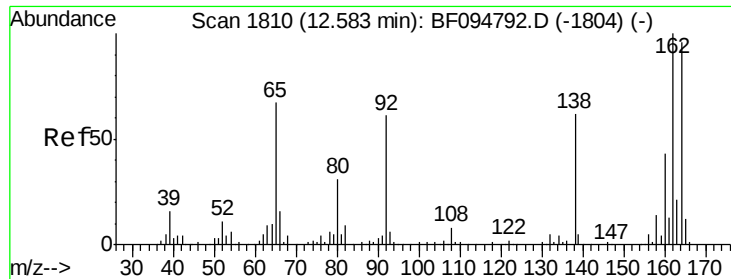
#23
Nitrobenzene-d5
Concen: 103.48 ng
RT: 8.62 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	677525		
128	48.1		34.0	51.0
54	48.2		42.2	63.2



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





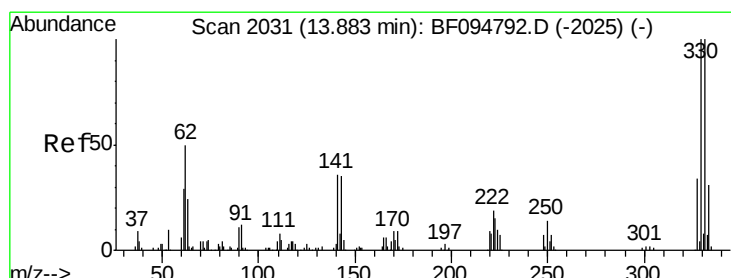
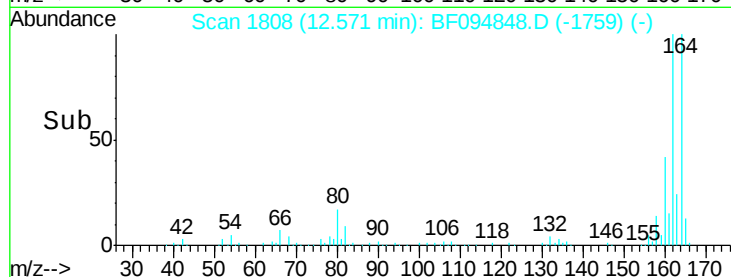
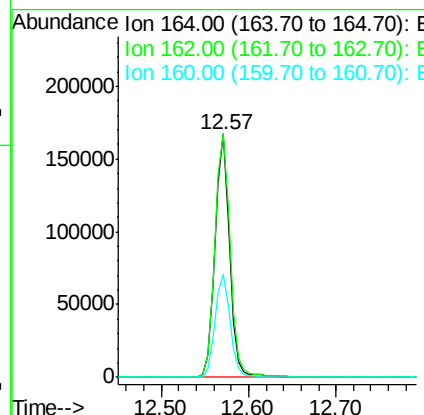
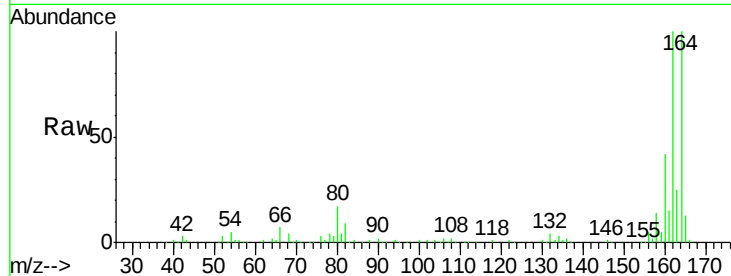
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094848.D
 Acq: 3 May 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-2.5-3.5

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196899		
162	100.1	82.6	123.8	
160	42.2	36.2	54.2	

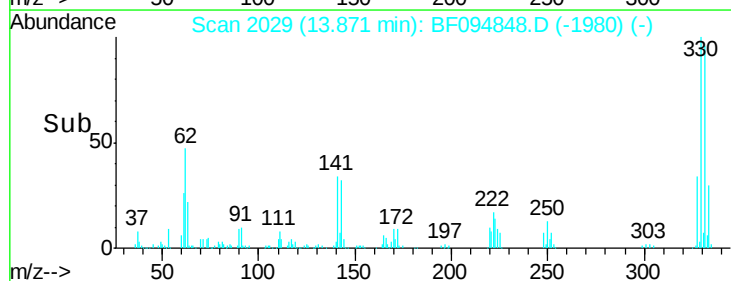
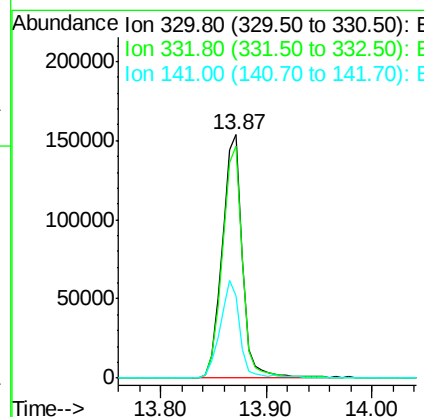
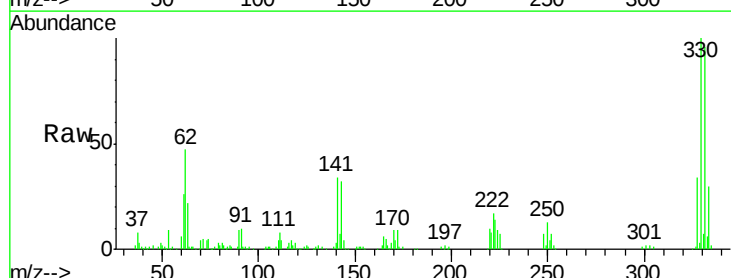
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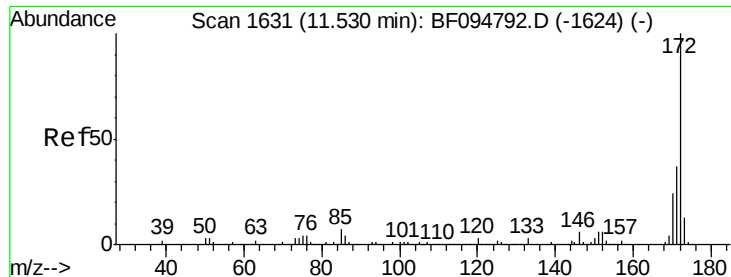
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#41
 2,4,6-Tribromophenol
 Concen: 128.70 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094848.D
 Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207526		
332	95.3	76.6	115.0	
141	39.7	31.4	47.2	





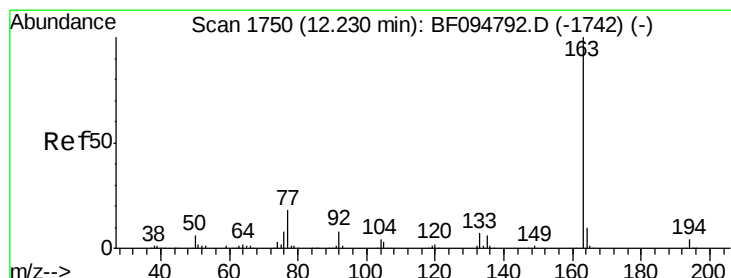
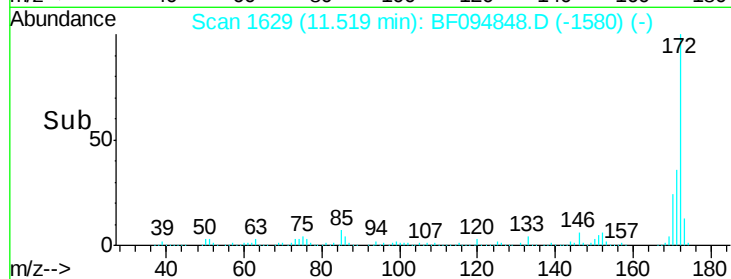
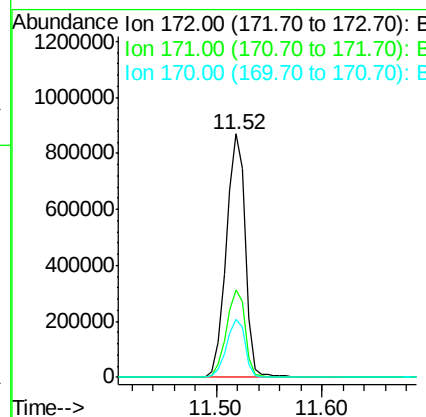
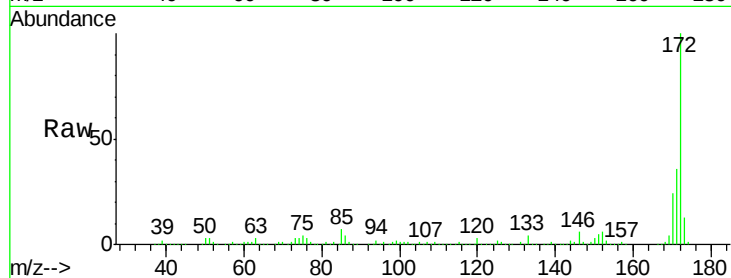
#44
2-Fluorobiphenyl
Concen: 80.15 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8

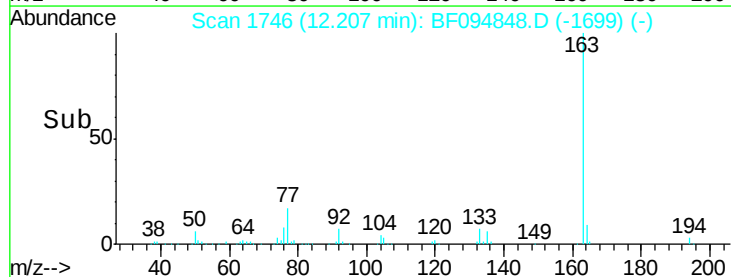
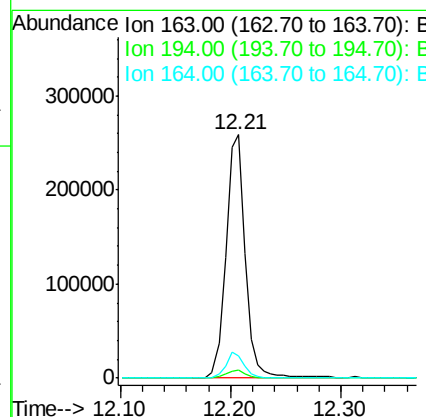
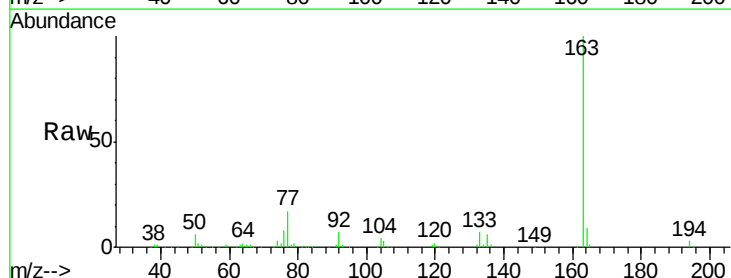
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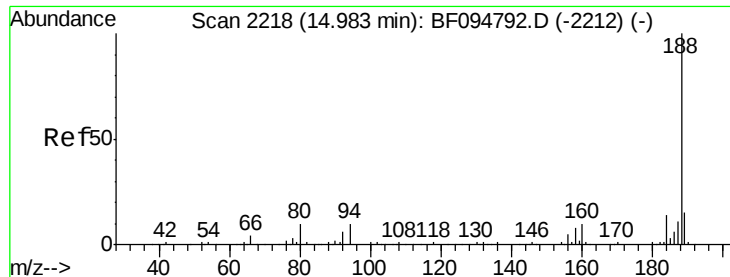
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#49
Dimethylphthalate
Concen: 19.53 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.3	8.4	12.6





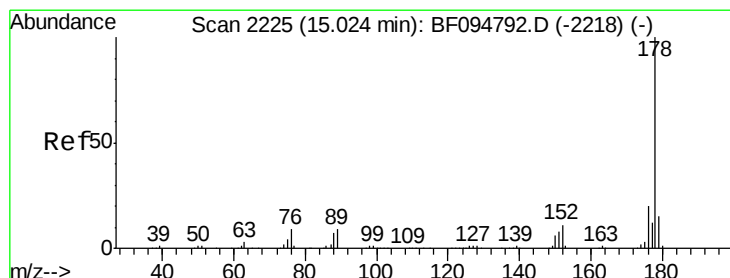
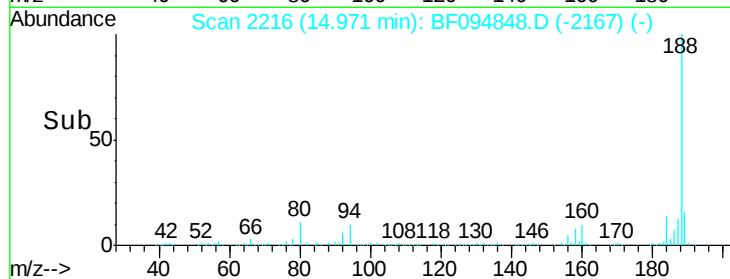
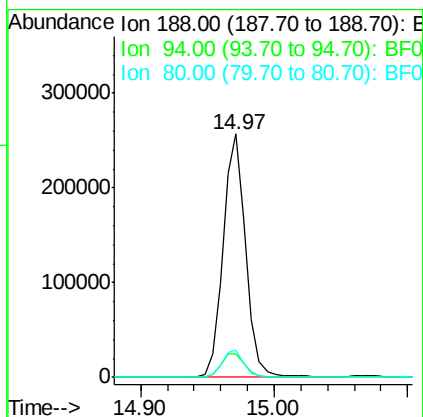
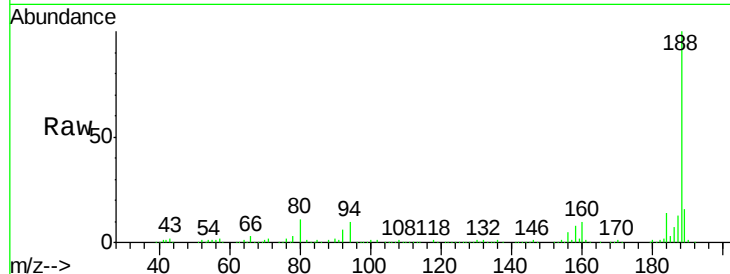
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	9.4	14.2
80	11.0	10.2	15.2

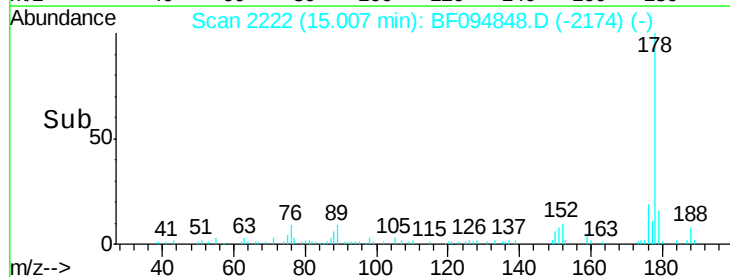
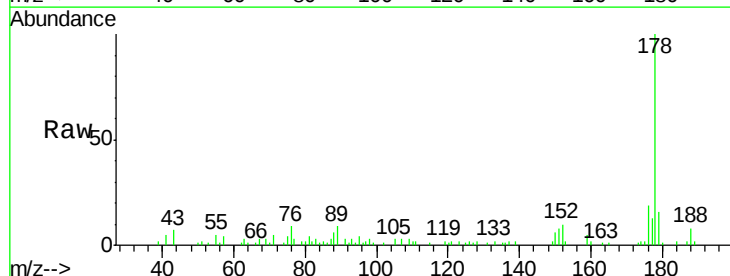
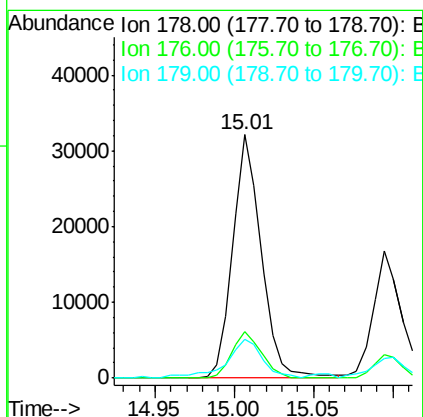
Manual Integrations
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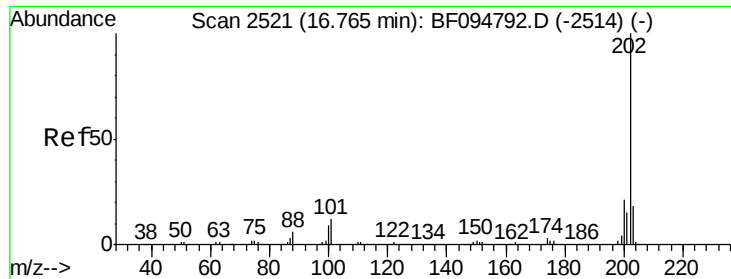
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#70
Phenanthrene
Concen: 2.30 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	16.2	24.4
179	15.7	12.6	19.0





#74

Fluoranthene

Concen: 11.29 ng

RT: 16.75 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BF094848.D

Acq: 3 May 2017 22:42

Instrument :

BNA_F

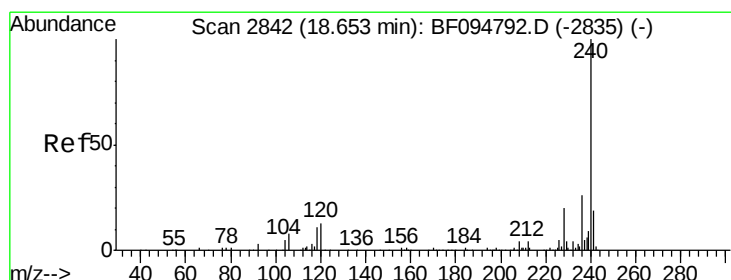
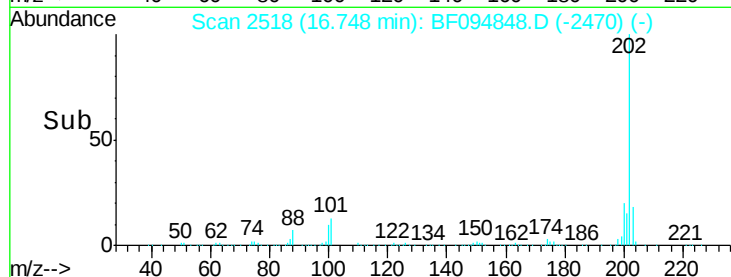
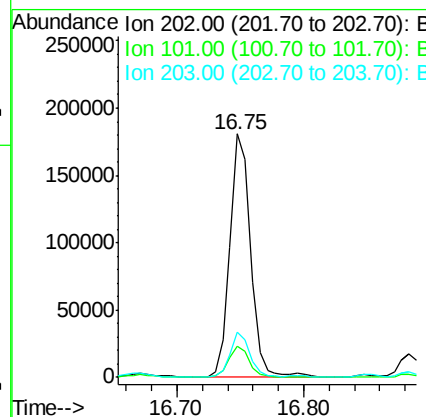
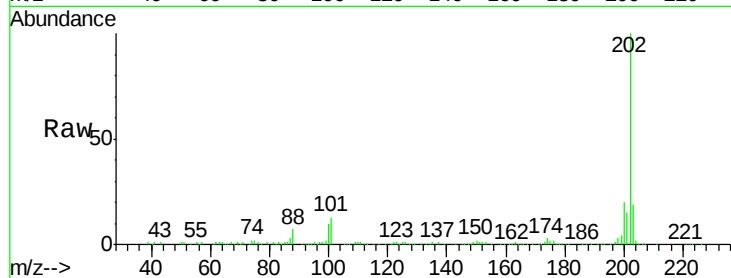
ClientSampleId :

SB-03-2.5-3.5

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	202940		
101	13.0	0.0	33.2	
203	18.6	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

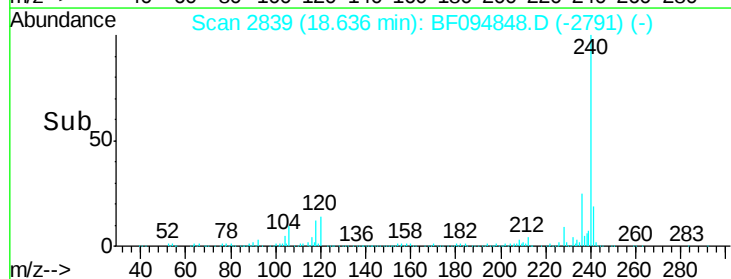
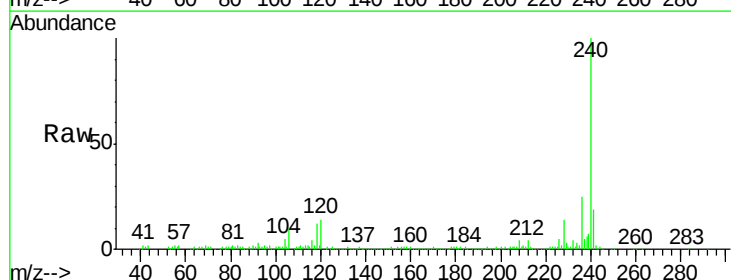
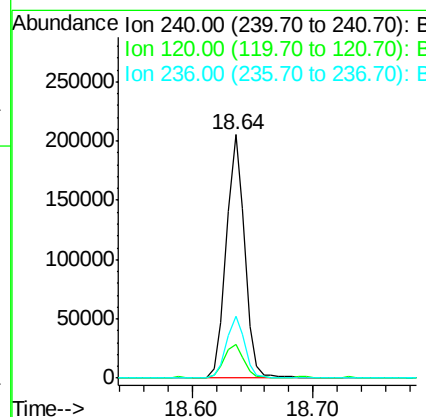
RT: 18.64 min Scan# 2839

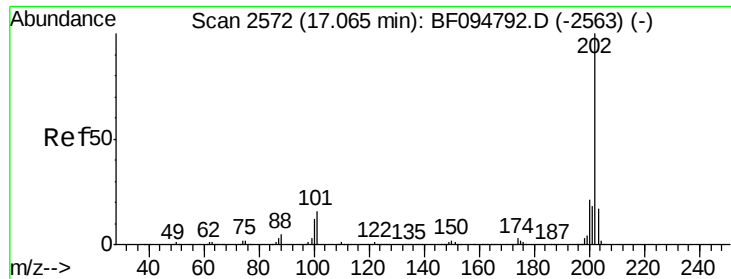
Delta R.T. -0.02 min

Lab File: BF094848.D

Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	216215		
120	13.8	5.8	8.8#	
236	25.4	20.5	30.7	





#77

Pyrene

Concen: 11.81 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF094848.D

Acq: 3 May 2017 22:42

Instrument :

BNA_F

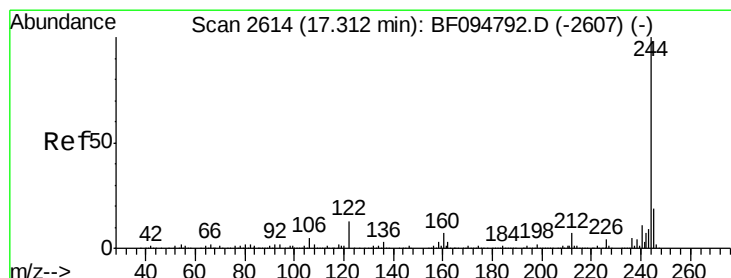
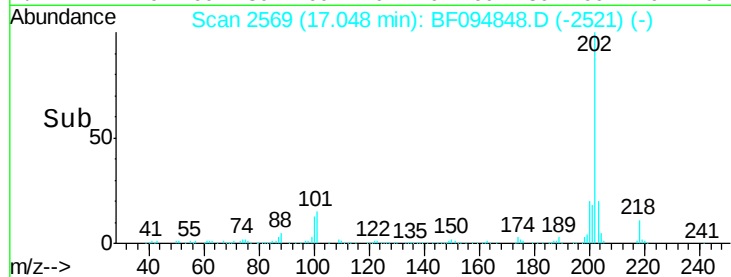
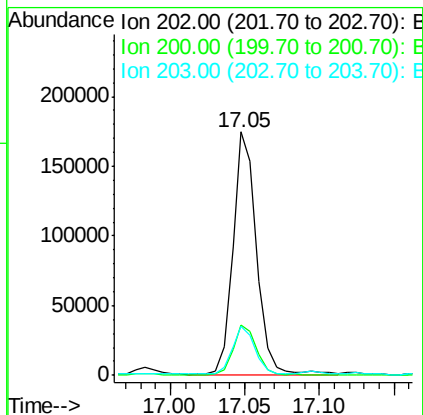
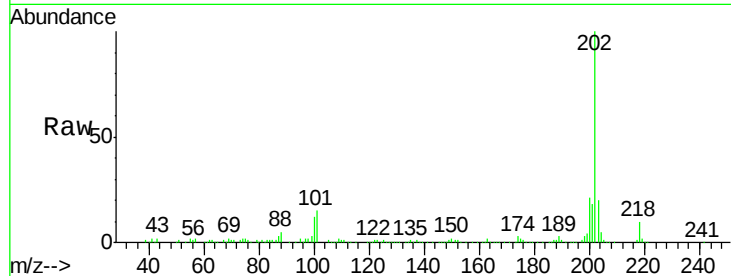
ClientSampleId :

SB-03-2.5-3.5

Tgt Ion:	202	Resp:	190964
Ion Ratio		Lower	Upper
202	100		
200	20.5	17.6	26.4
203	20.3	14.4	21.6

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#78

Terphenyl-d14

Concen: 81.18 ng

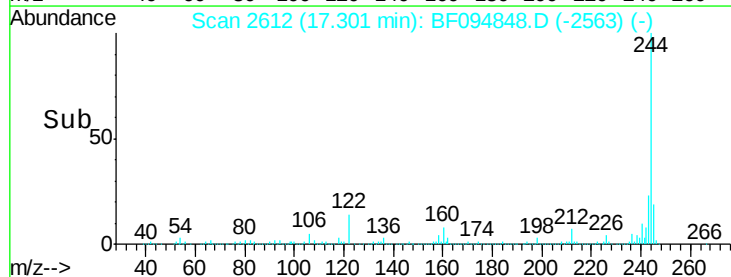
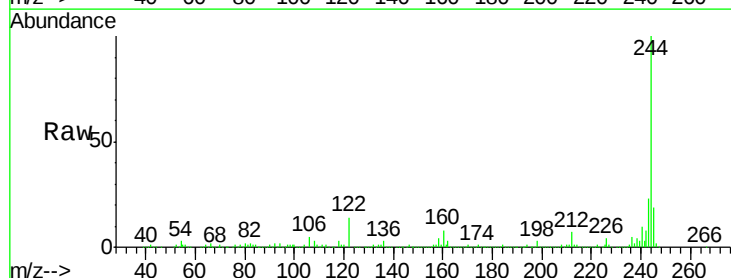
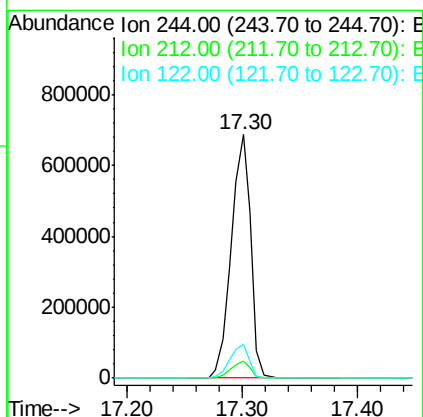
RT: 17.30 min Scan# 2612

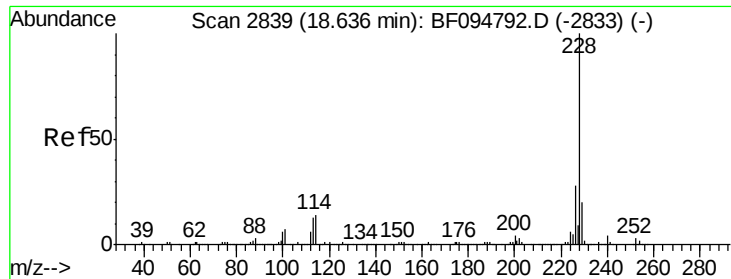
Delta R.T. -0.01 min

Lab File: BF094848.D

Acq: 3 May 2017 22:42

Tgt Ion:	244	Resp:	796884
Ion Ratio		Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5





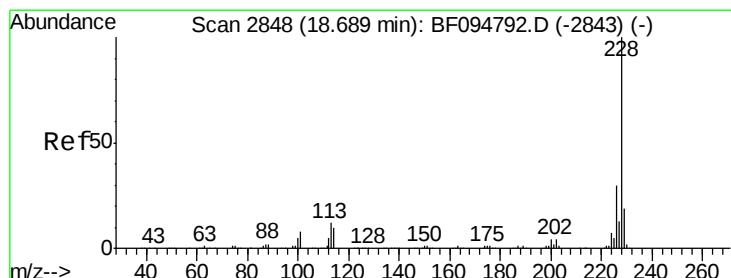
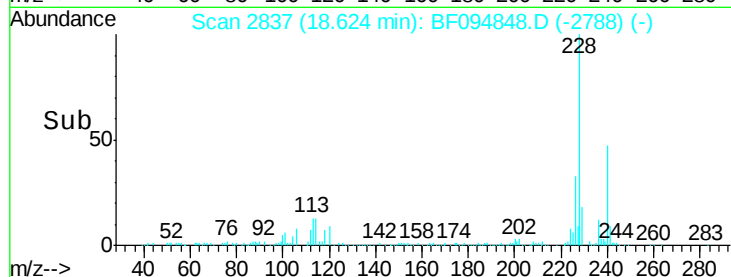
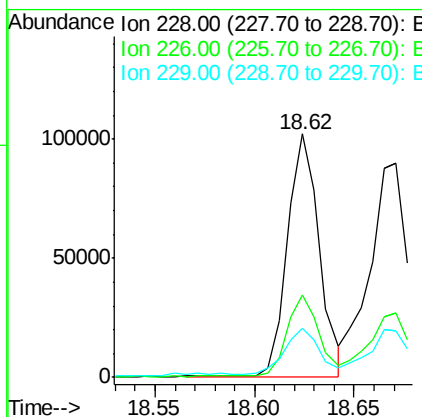
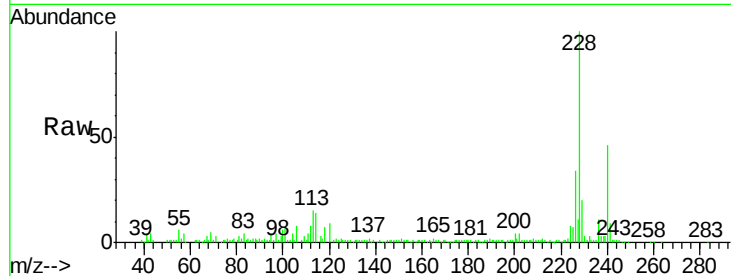
#80
Benzo(a)anthracene
Concen: 9.13 ng m
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.6	33.8#
229	20.1	16.3	24.5

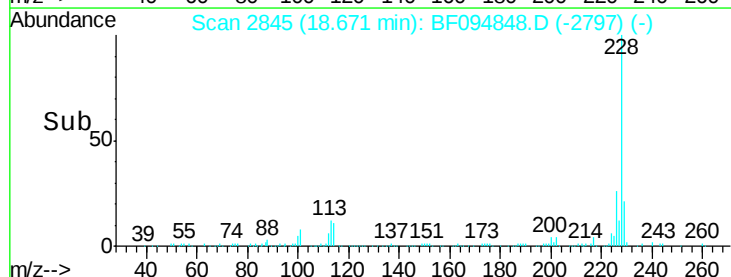
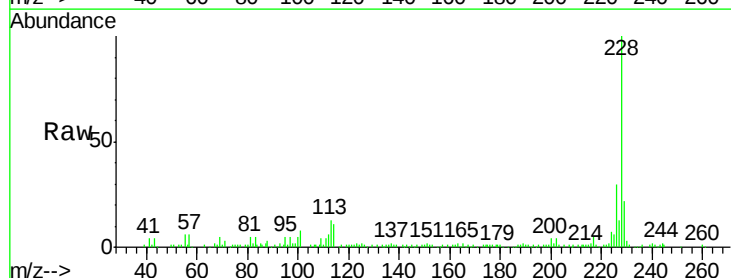
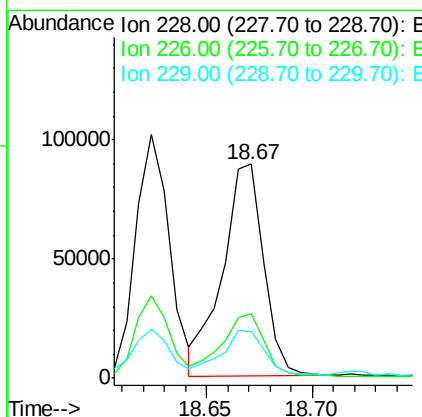
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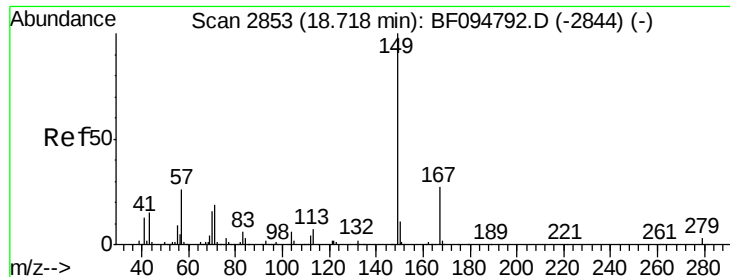
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#82
Chrysene
Concen: 9.84 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.6	15.8	23.6





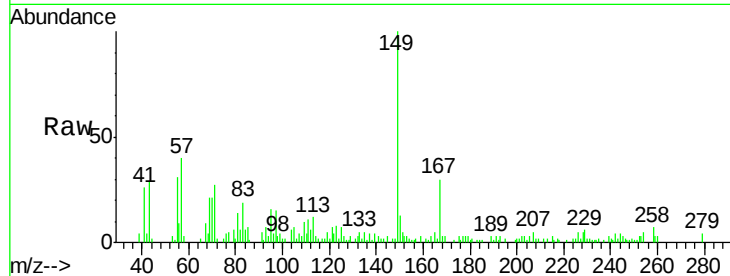
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.67 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094848.D
 Acq: 3 May 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-2.5-3.5

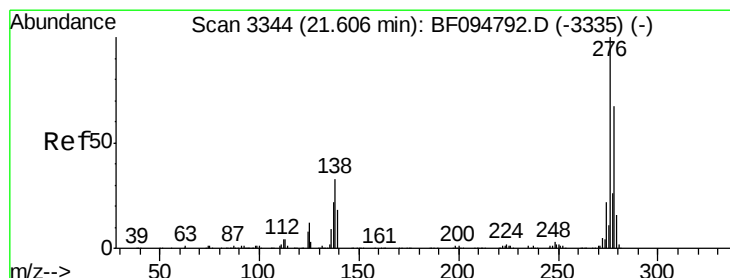
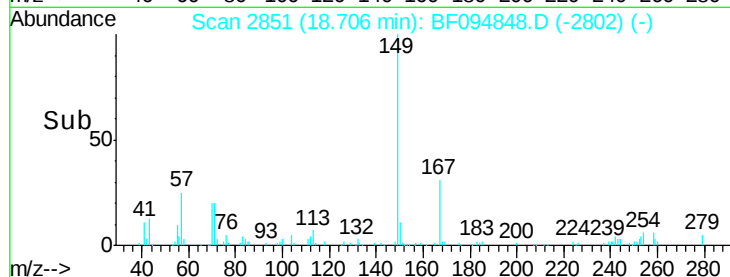
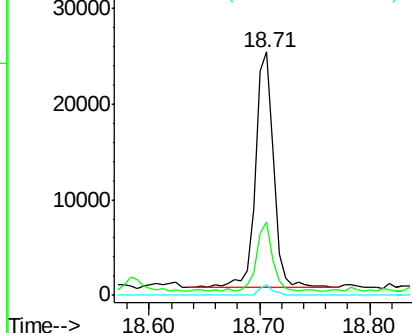
Tgt Ion:	149	Resp:	28564
Ion Ratio	Lower	Upper	
149	100		
167	30.2	21.0	31.4
279	4.3	1.9	2.9#

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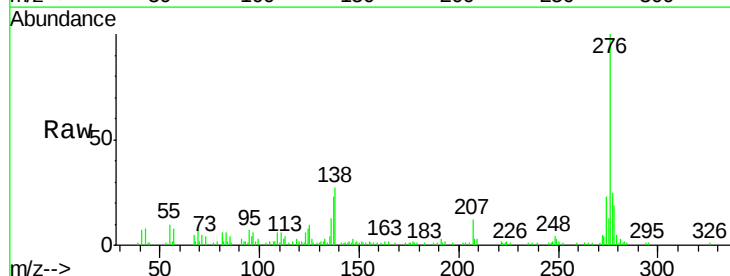


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

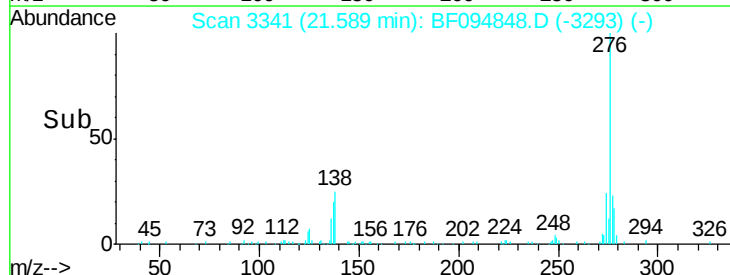
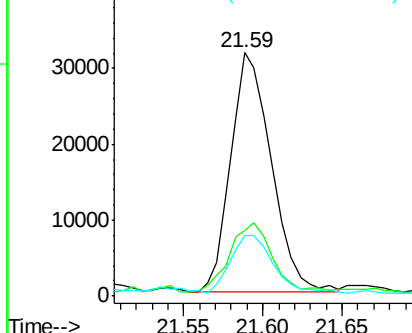


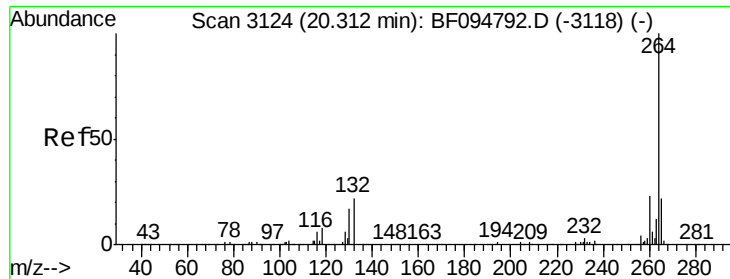
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.69 ng
 RT: 21.59 min Scan# 3341
 Delta R.T. -0.02 min
 Lab File: BF094848.D
 Acq: 3 May 2017 22:42

Tgt Ion:	276	Resp:	56260
Ion Ratio	Lower	Upper	
276	100		
138	30.1	27.8	41.6
277	25.3	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





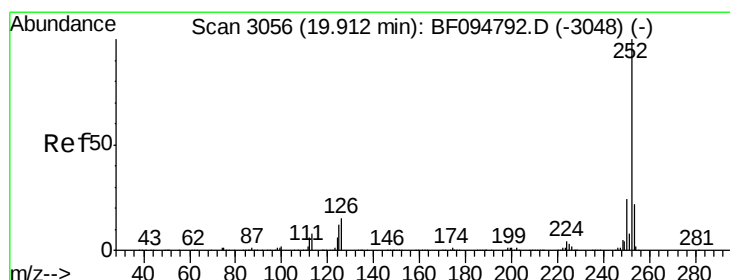
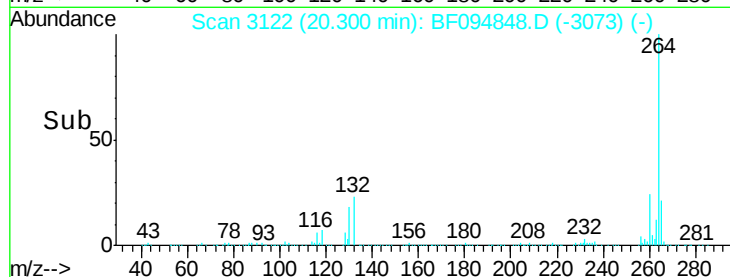
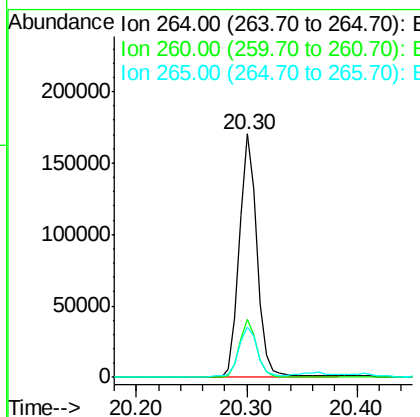
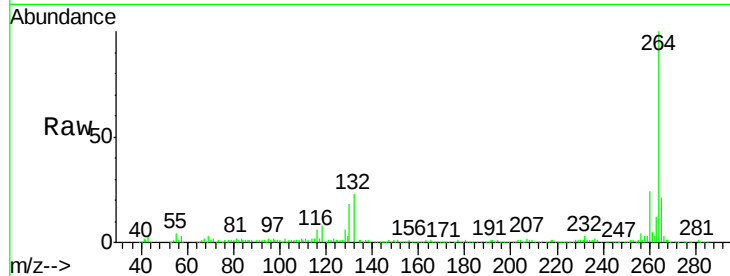
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	194007		
260	23.7	19.5	29.3	
265	20.7	17.2	25.8	

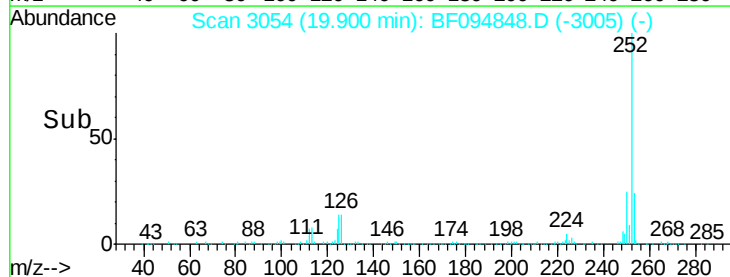
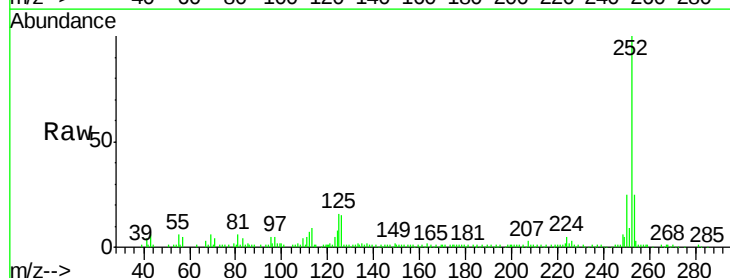
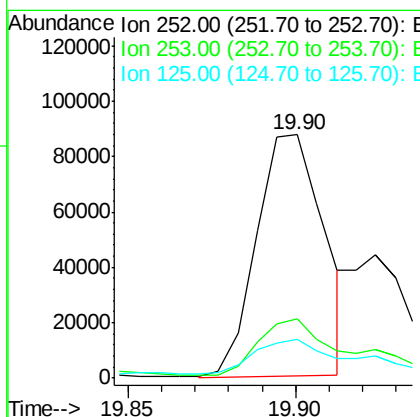
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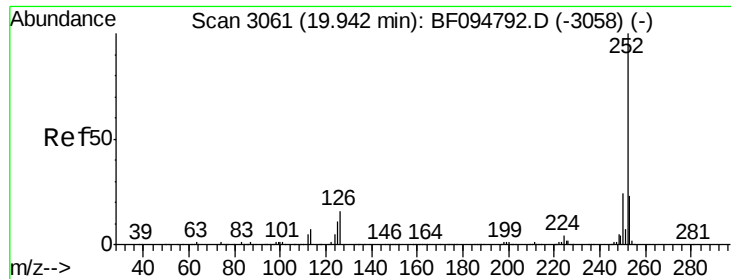
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#87
Benzo(b)fluoranthene
Concen: 10.15 ng m
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	121691		
253	24.6	18.1	27.1	
125	15.9	9.8	14.8	





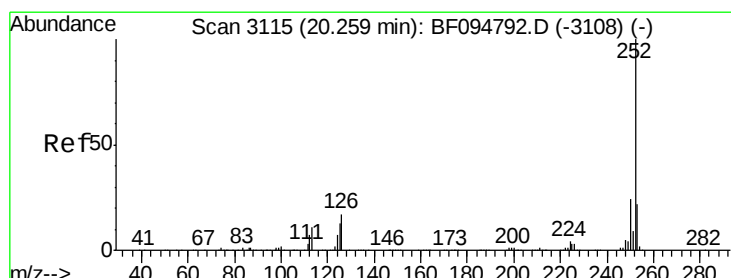
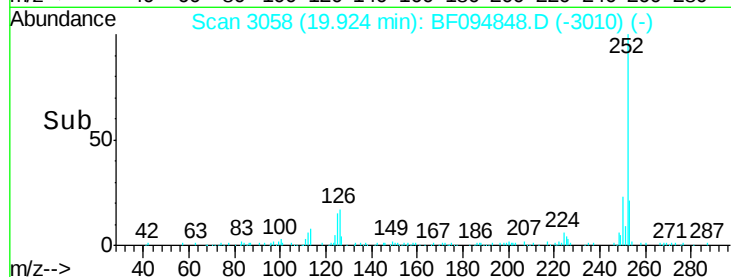
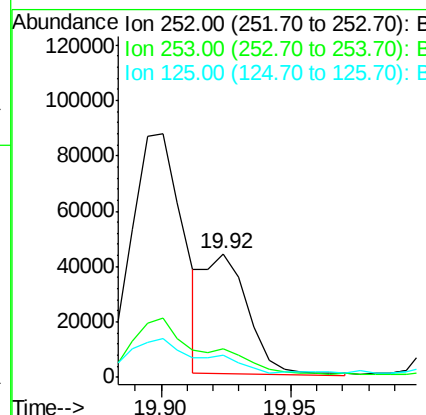
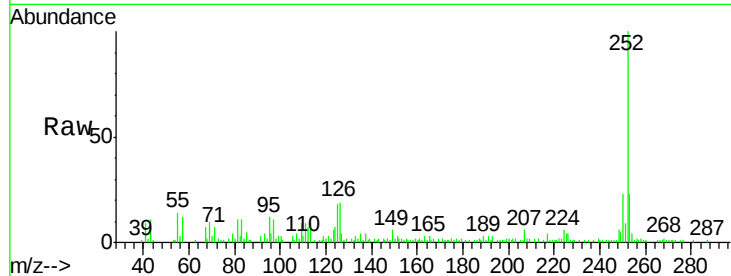
#88
Benzo(k)fluoranthene
Concen: 4.41 ng m
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Instrument :
BNA_F
ClientSampleId :
SB-03-2.5-3.5

Tgt Ion:	252	Resp:	51014
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	18.1	13.1	19.7

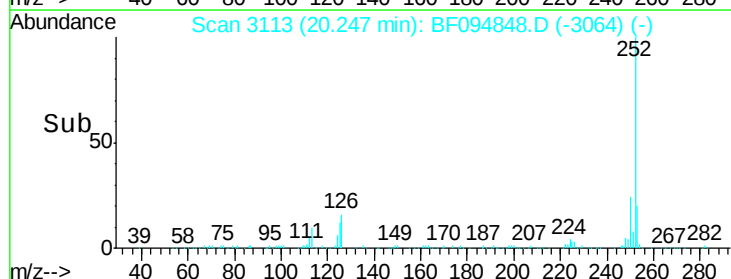
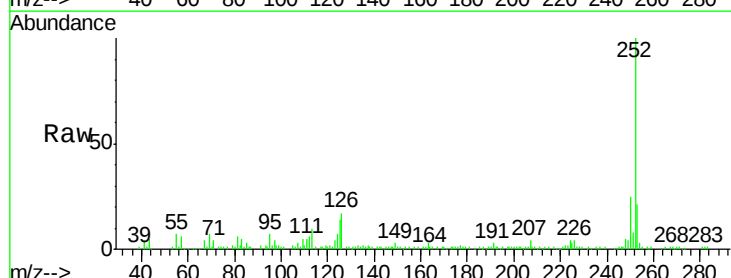
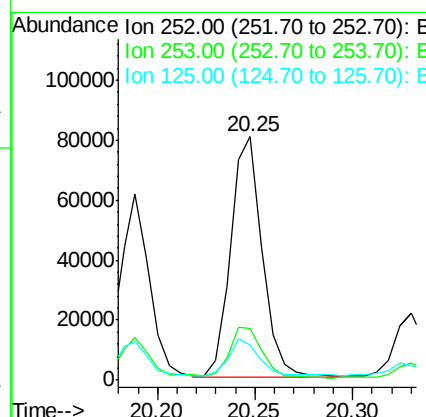
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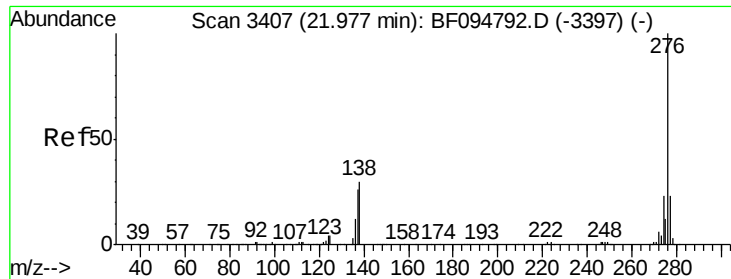
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#89
Benzo(a)pyrene
Concen: 8.18 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094848.D
Acq: 3 May 2017 22:42

Tgt Ion:	252	Resp:	90539
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	14.3	11.0	16.4





#91
 Benzo(g,h,i)perylene
 Concen: 5.94 ng
 RT: 21.97 min Scan# 3405
 Delta R.T. -0.01 min
 Lab File: BF094848.D
 Acq: 3 May 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-2.5-3.5

Tgt Ion:	276	Resp:	53279
Ion Ratio		Lower	Upper
276	100		
277	24.6	18.6	28.0
138	31.9	25.4	38.0

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