

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093023.D
 Acq On : 17 Feb 2017 21:04
 Operator : SJ/MA
 Sample : I1892-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP22-COMP16

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Quant Time: Feb 17 23:36:19 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164321	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	654731	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	299505	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	536823	20.00	ng	0.00
75) Chrysene-d12	14.01	240	331493	20.00	ng	-0.01
86) Perylene-d12	15.44	264	313409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1173918	122.57	ng	0.01
7) Phenol-d6	6.50	99	1351954	109.70	ng	0.01
23) Nitrobenzene-d5	7.42	82	809554	68.86	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	263768	121.77	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1368092	82.75	ng	0.00
78) Terphenyl-d14	12.97	244	1164448	82.54	ng	0.00
Target Compounds						
10) Phenol	6.51	94	144292	10.01	ng	# 69
49) Dimethylphthalate	9.61	163	141638	7.02	ng	# 98
70) Phenanthrene	11.40	178	151614	4.93	ng	95
74) Fluoranthene	12.59	202	164768	5.19	ng	92
77) Pyrene	12.82	202	157871	6.36	ng	97
80) Benzo(a)anthracene	14.00	228	100171	4.94	ng	99
82) Chrysene	14.03	228	71117	3.75	ng	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	70604	4.80	ng	99
87) Benzo(b)fluoranthene	15.03	252	131691m	6.38	ng	
89) Benzo(a)pyrene	15.38	252	110290	6.18	ng	98
91) Benzo(g,h,i)perylene	17.27	276	72324	4.96	ng	# 90

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

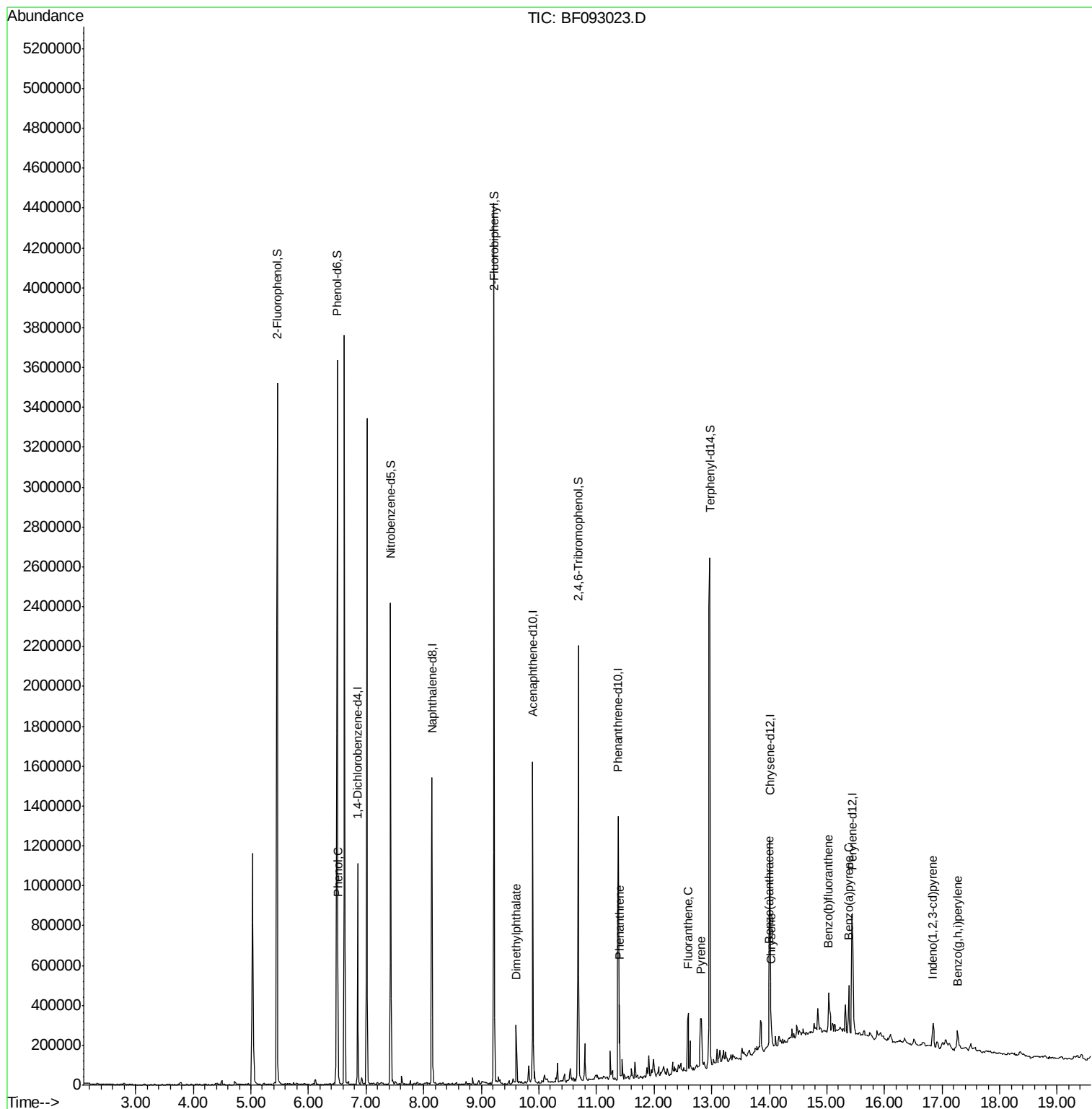
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093023.D
Acq On : 17 Feb 2017 21:04
Operator : SJ/MA
Sample : I1892-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

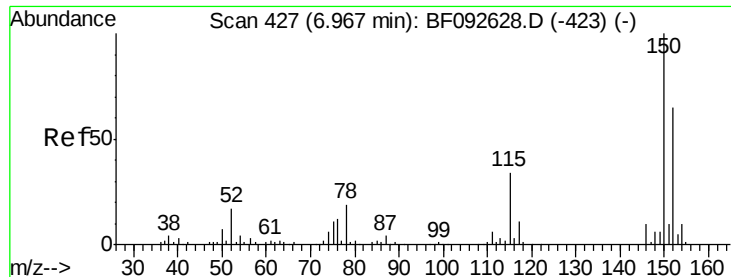
Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

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Quant Time: Feb 17 23:36:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

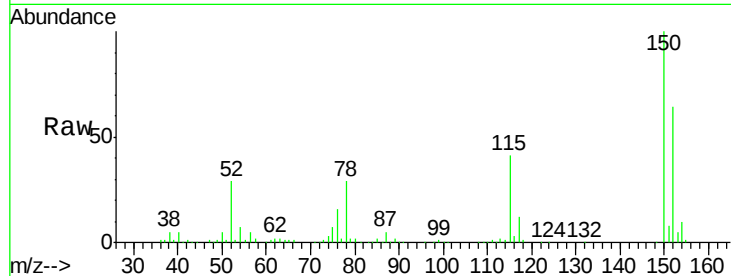
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Instrument :
 BNA_F
 ClientSampleId :
 TP22-COMP16

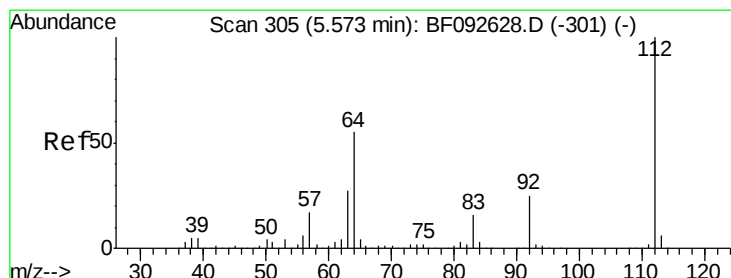
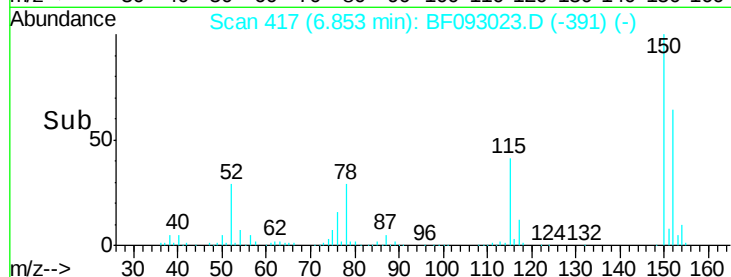
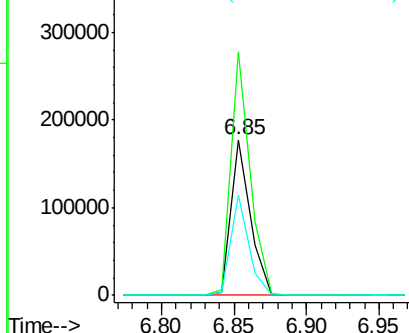
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	64.8	46.0	69.0

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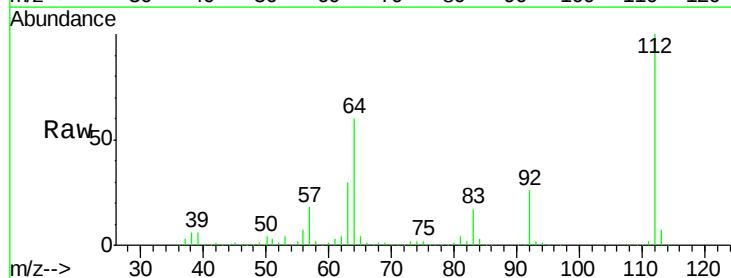
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



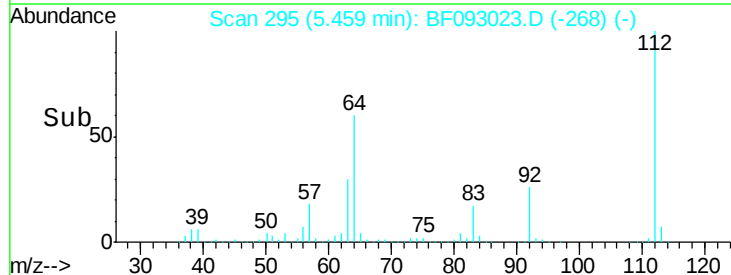
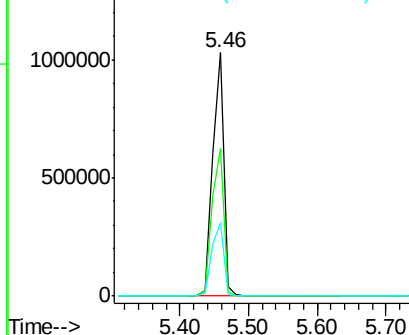
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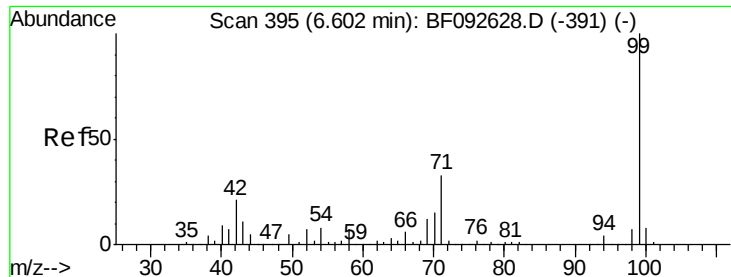
2-Fluorophenol
 Concen: 122.57 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.1	69.1
63	30.2	23.8	35.6



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: 109.70 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1351954

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

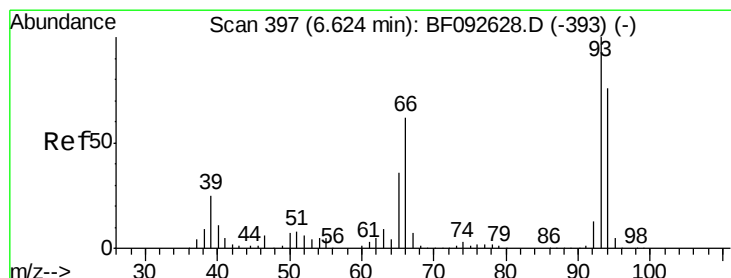
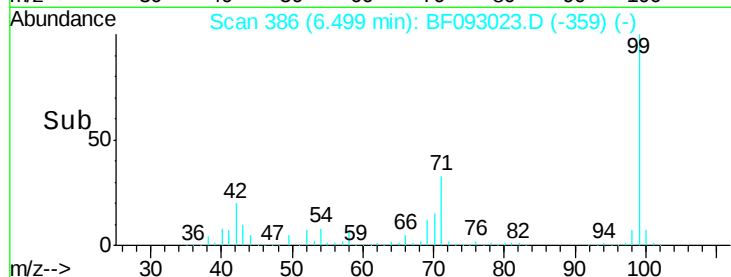
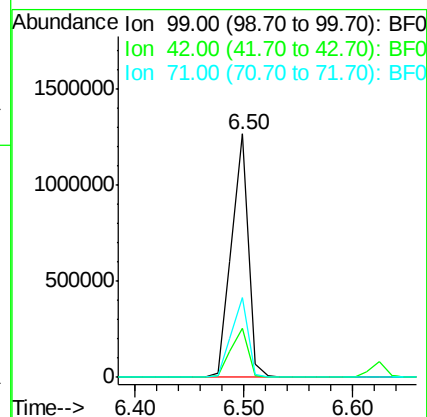
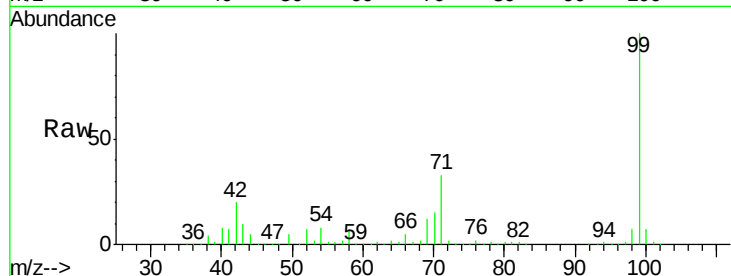
71 32.6 27.5 41.3

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#10

Phenol

Concen: 10.01 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

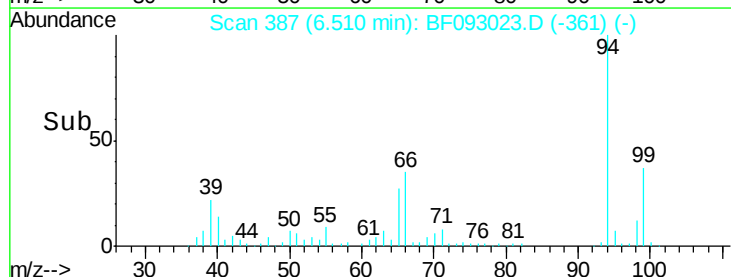
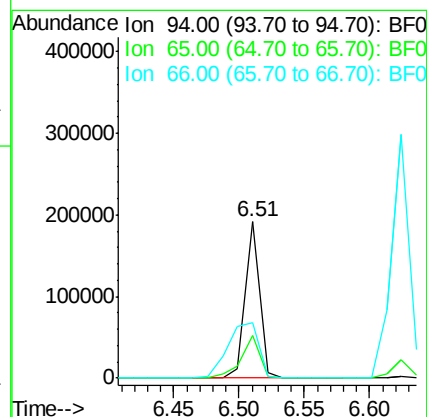
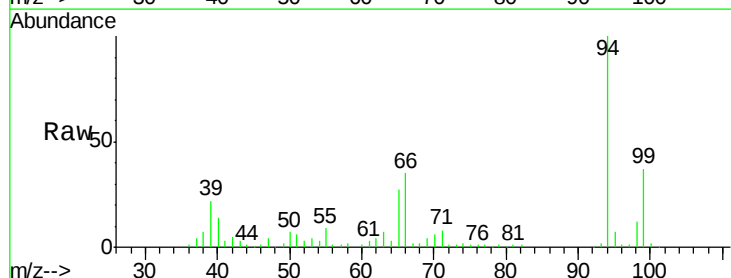
Tgt Ion: 94 Resp: 144292

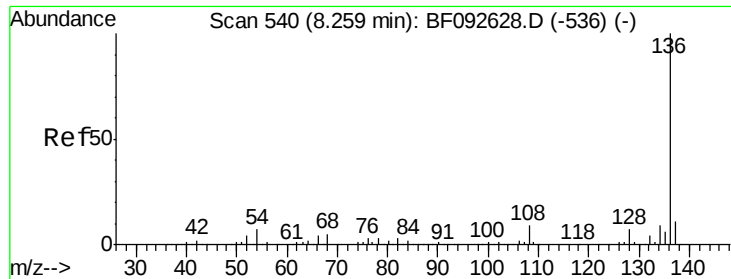
Ion Ratio Lower Upper

94 100

65 27.0 21.4 61.4

66 35.3 44.0 84.0#





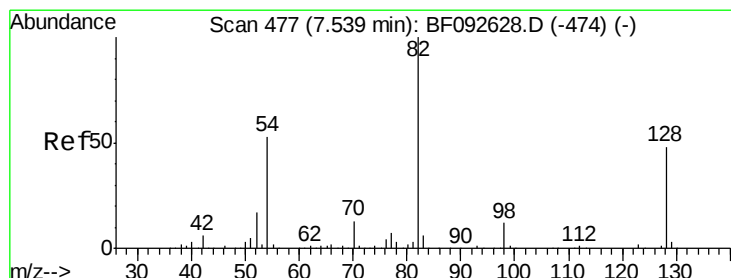
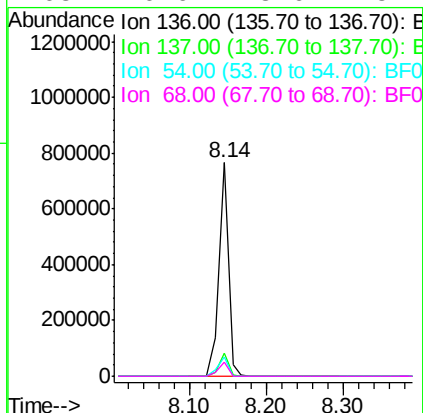
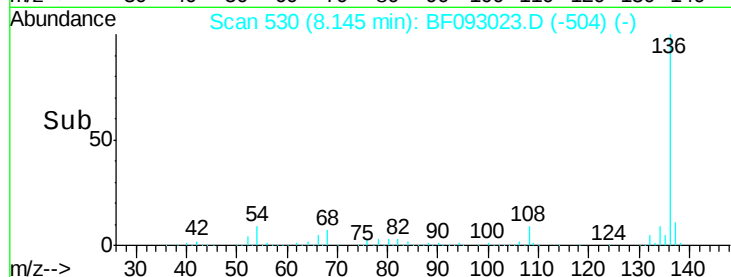
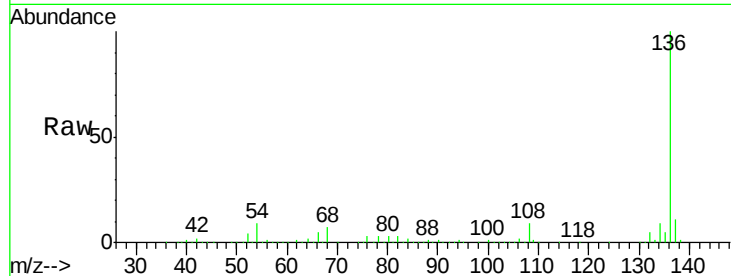
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	654731		
137	10.9	8.4	12.6	
54	9.3	4.5	6.7#	
68	6.6	3.6	5.4#	

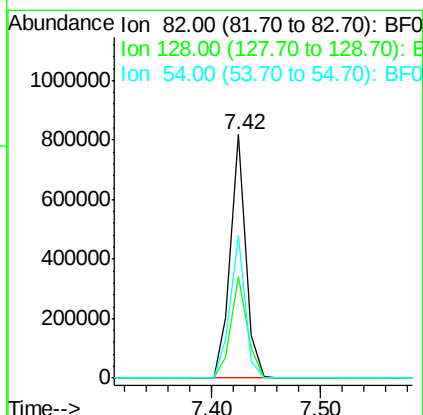
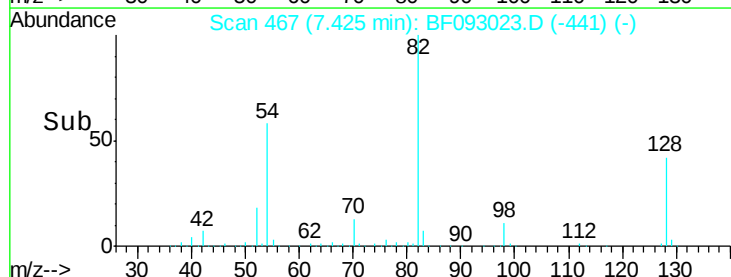
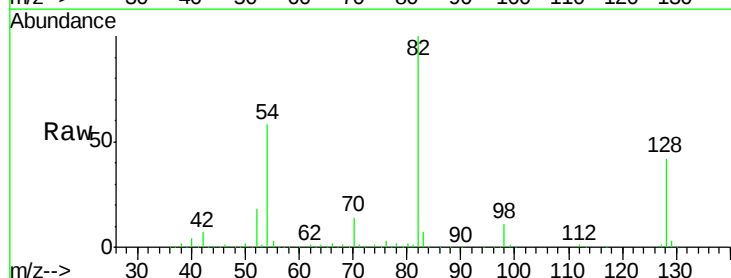
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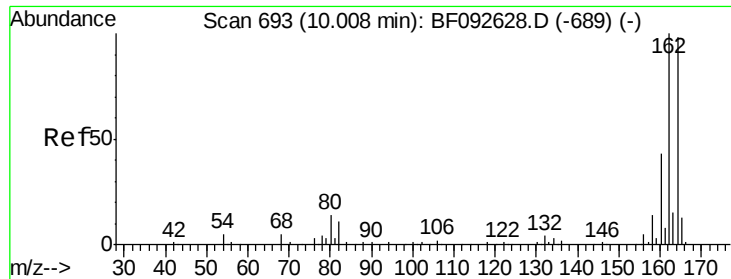
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#23
Nitrobenzene-d5
Concen: 68.86 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	809554		
128	41.6	34.6	52.0	
54	58.3	39.5	59.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Instrument :

BNA_F

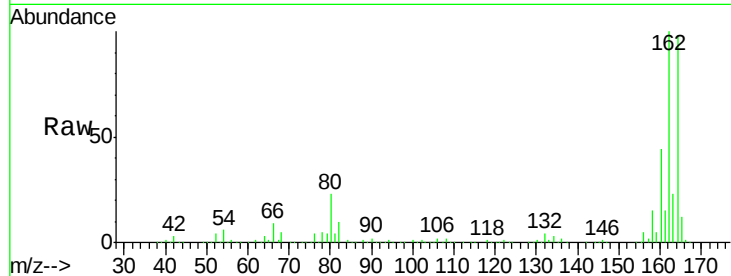
ClientSampleId :

TP22-COMP16

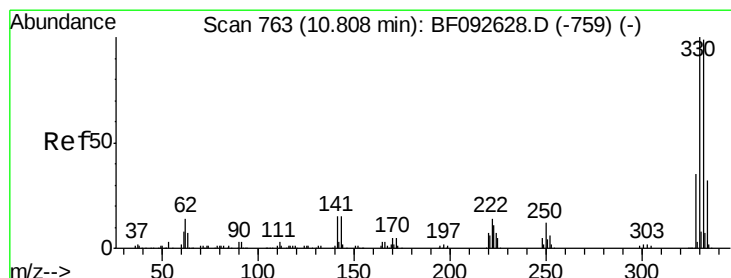
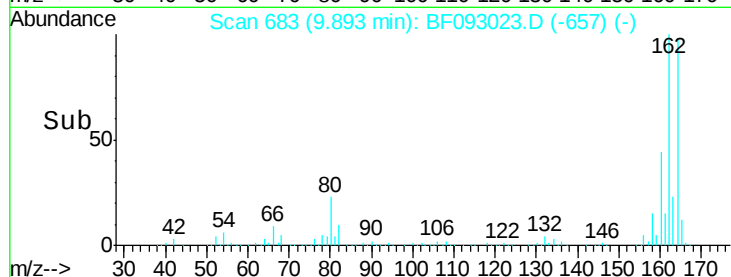
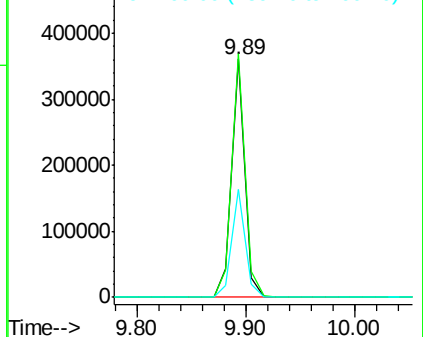
Tgt Ion:	164	Resp:	299505
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.2	120.2
160	45.2	36.9	55.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 121.77 ng

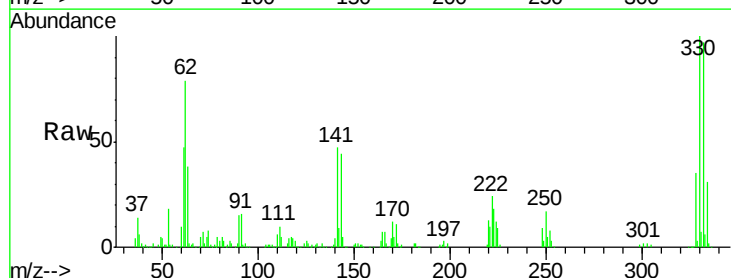
RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

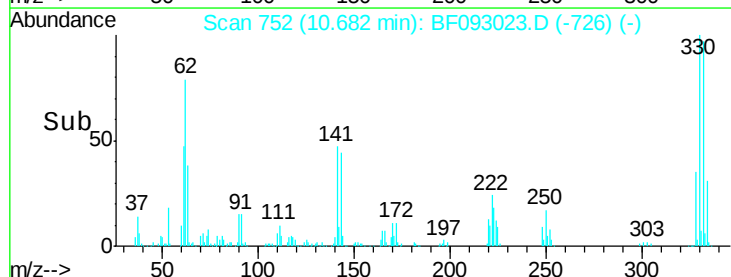
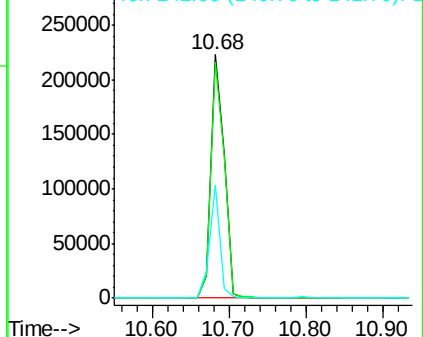
Lab File: BF093023.D

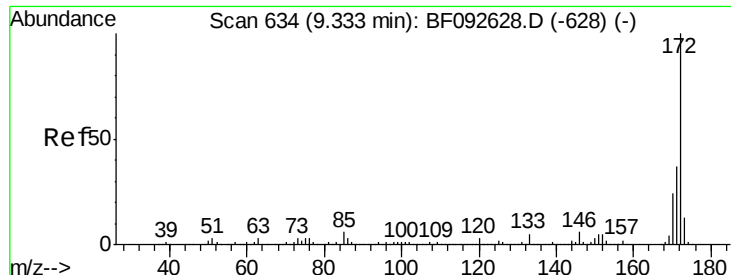
Acq: 17 Feb 2017 21:04

Tgt Ion:	330	Resp:	263768
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.4	116.2
141	37.1	34.1	51.1



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





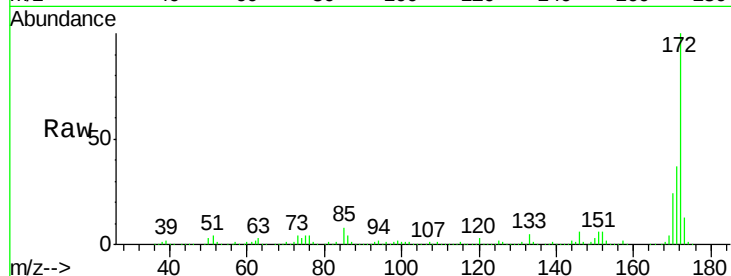
#44
 2-Fluorobiphenyl
 Concen: 82.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Instrument :
 BNA_F
 ClientSampleId :
 TP22-COMP16

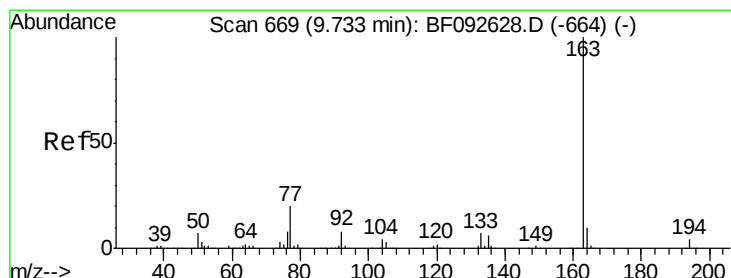
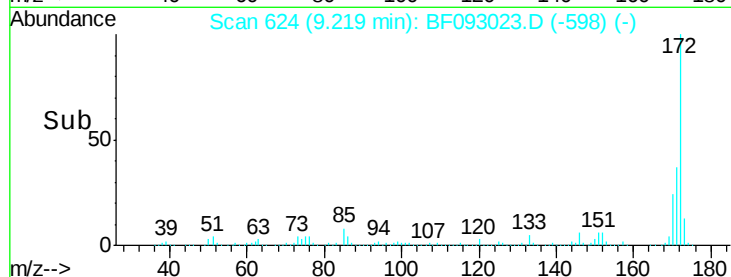
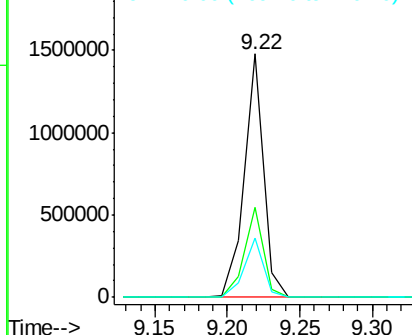
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.3	20.2	30.4

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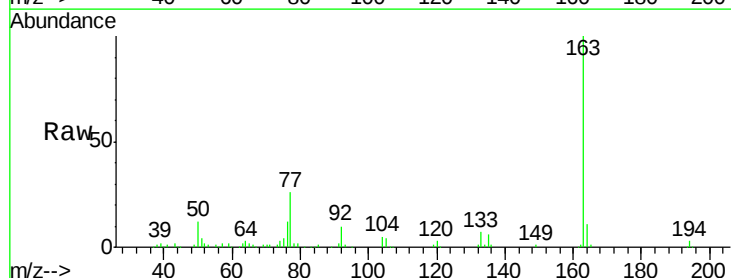


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

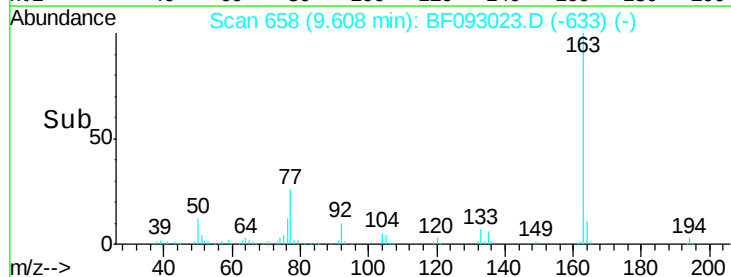
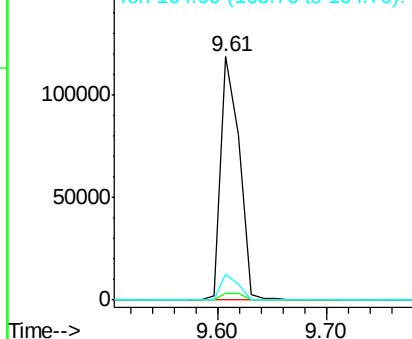


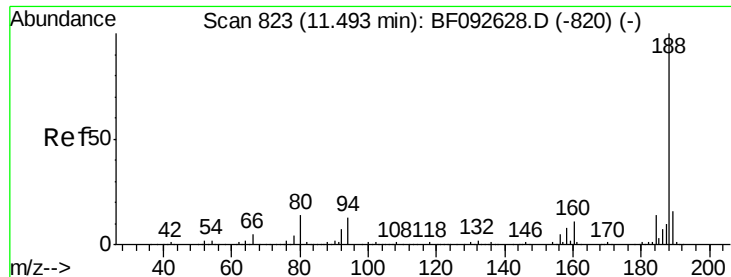
#49
 Dimethylphthalate
 Concen: 7.02 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.0	4.4#
164	10.5	8.0	12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 150000
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





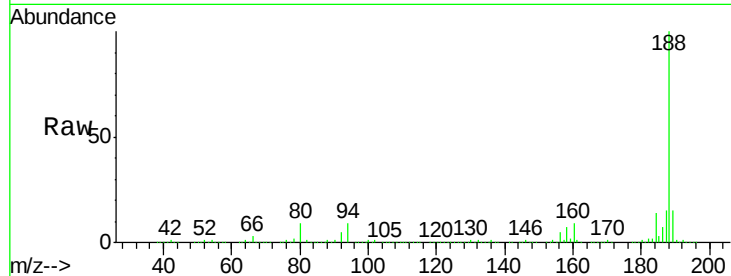
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
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ClientSampleId :
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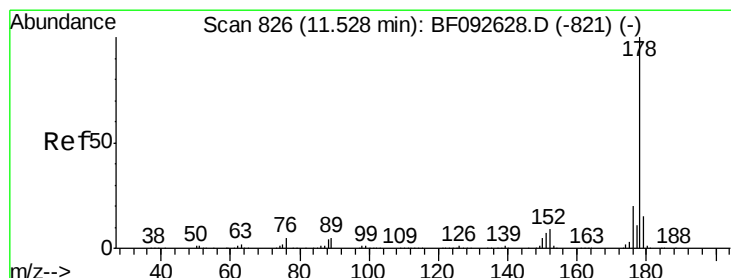
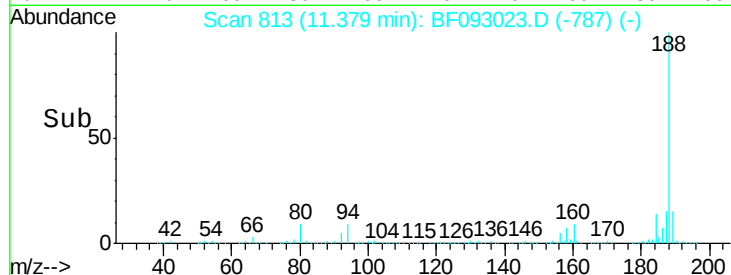
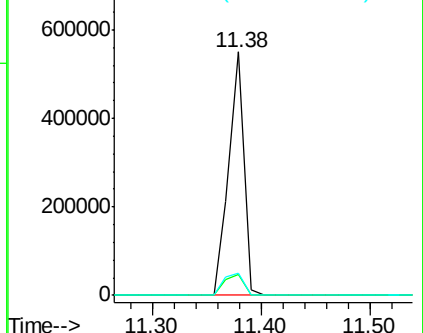
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	10.0	15.0#
80	8.9	11.2	16.8#

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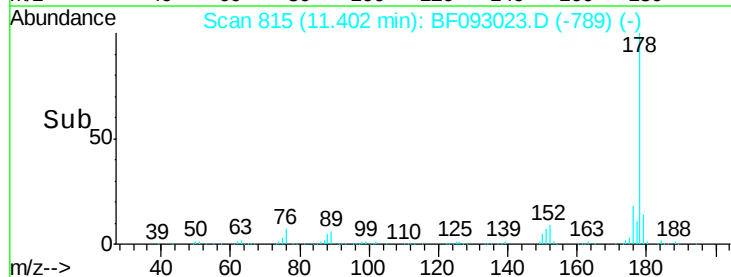
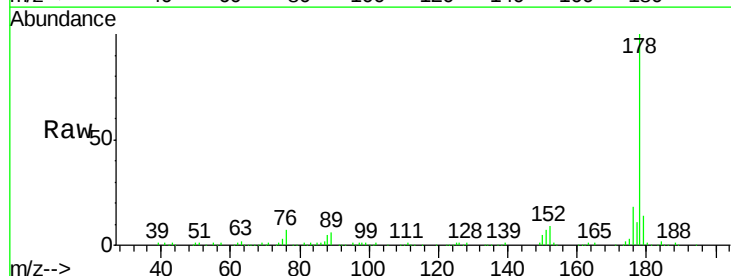
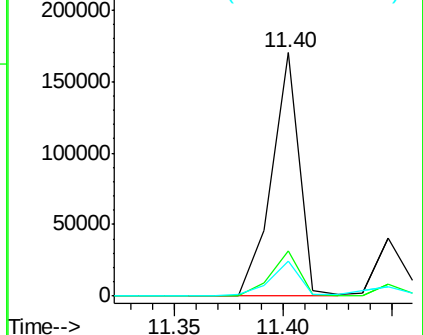
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

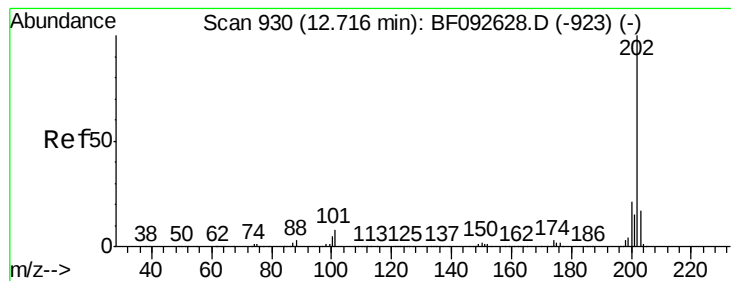


#70
Phenanthrene
Concen: 4.93 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.4	16.6	25.0
179	14.5	12.8	19.2

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: 5.19 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Instrument :

BNA_F

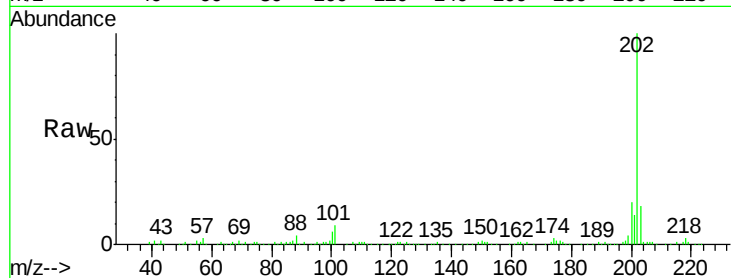
ClientSampleId :

TP22-COMP16

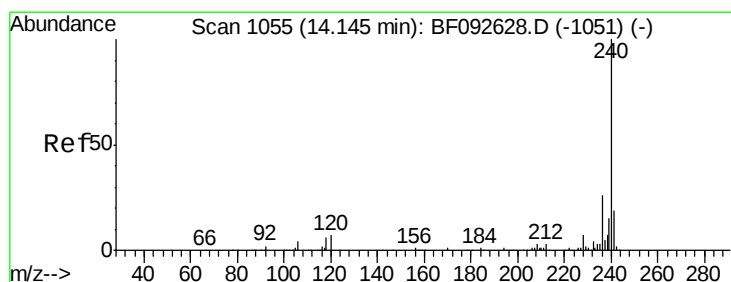
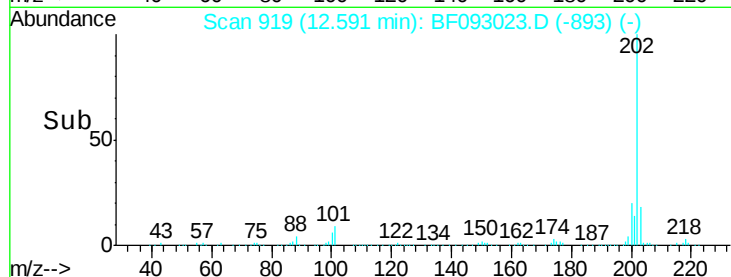
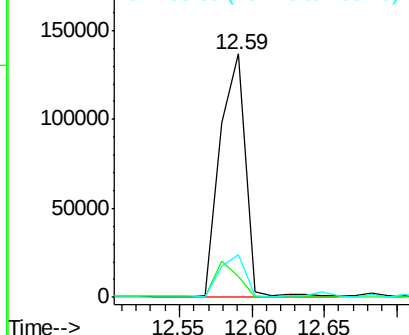
Tgt Ion:	202	Resp:	164768
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	34.6
203	17.7	0.0	38.7

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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: 20.00 ng

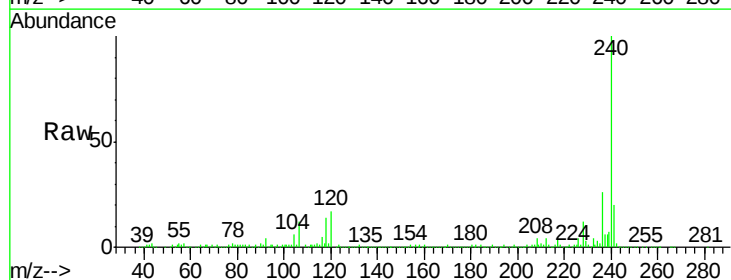
RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

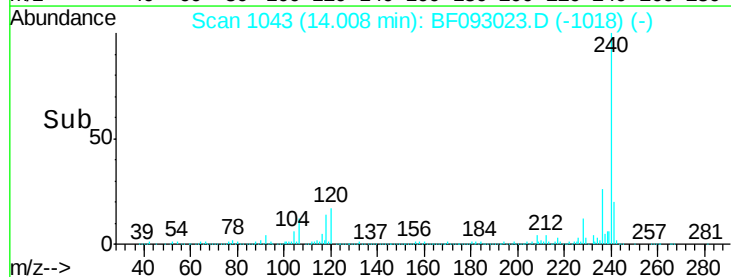
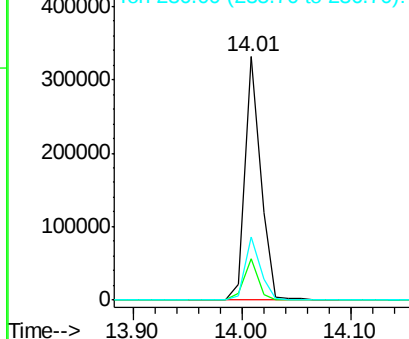
Lab File: BF093023.D

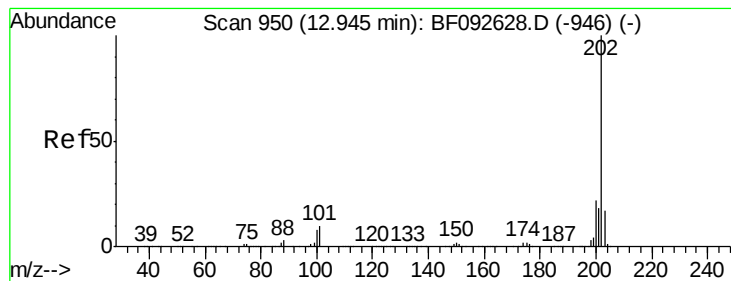
Acq: 17 Feb 2017 21:04

Tgt Ion:	240	Resp:	331493
Ion Ratio	Lower	Upper	
240	100		
120	16.8	12.9	19.3
236	26.2	20.9	31.3



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





#77

Pyrene

Concen: 6.36 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Instrument :

BNA_F

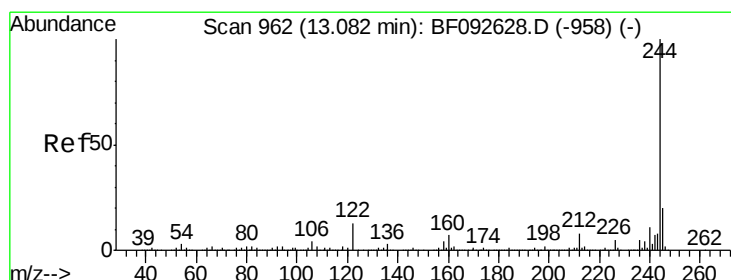
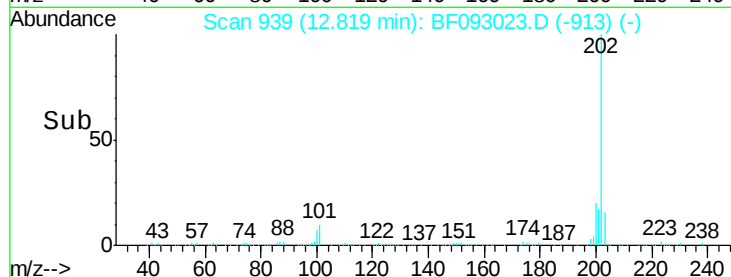
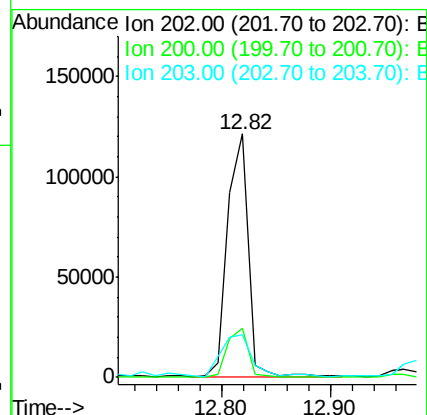
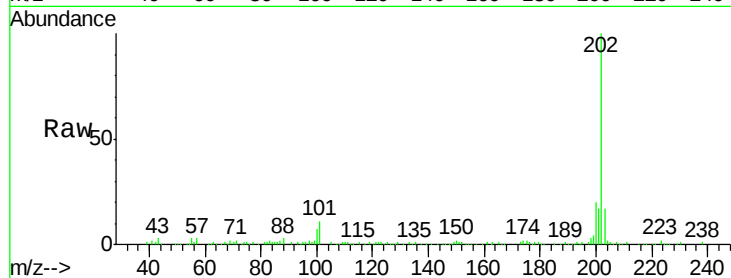
ClientSampleId :

TP22-COMP16

Tgt Ion:	202	Resp:	157871
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.7	26.5
203	17.3	14.7	22.1

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#78

Terphenyl-d14

Concen: 82.54 ng

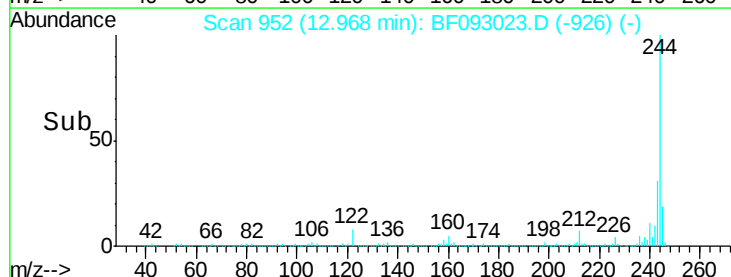
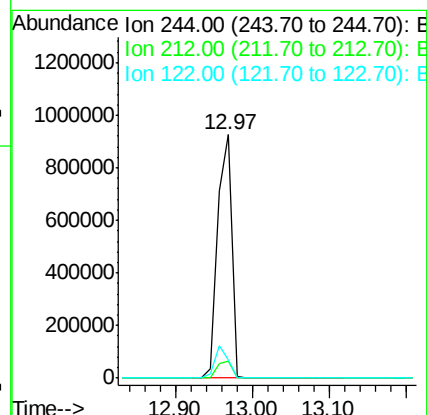
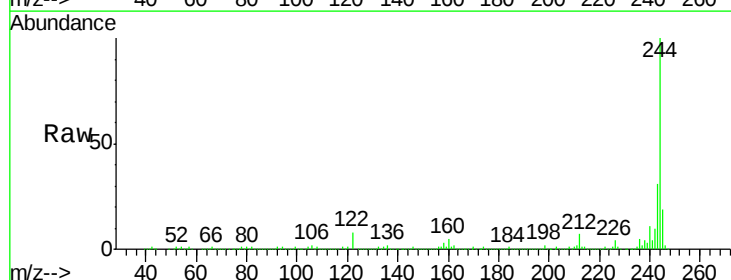
RT: 12.97 min Scan# 952

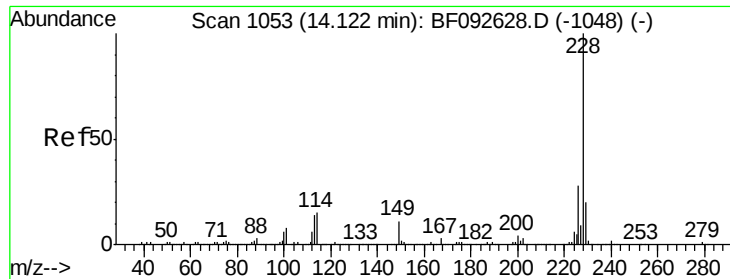
Delta R.T. 0.00 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Tgt Ion:	244	Resp:	1164448
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.2	9.2
122	7.7	11.4	17.2#





#80

Benzo(a)anthracene

Concen: 4.94 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Instrument :

BNA_F

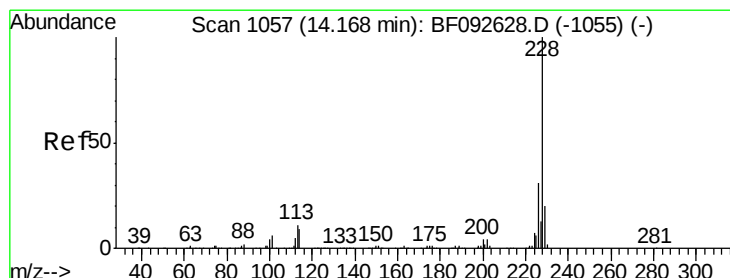
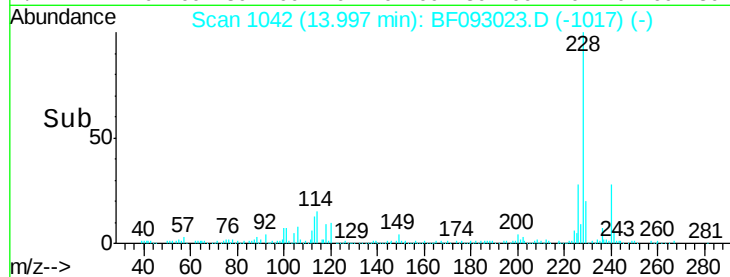
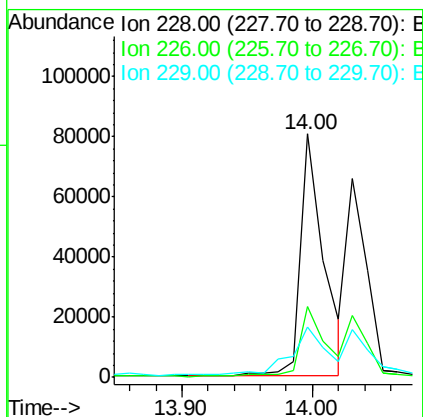
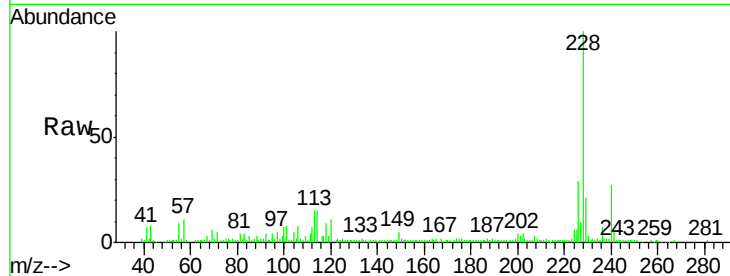
ClientSampled :

TP22-COMP16

Tgt Ion:	228	Resp:	100171
Ion Ratio		Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.8	16.2	24.4

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#82

Chrysene

Concen: 3.75 ng

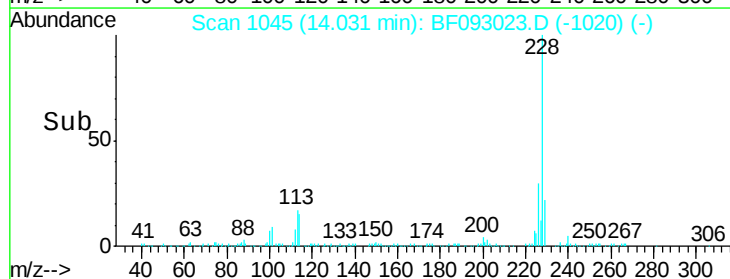
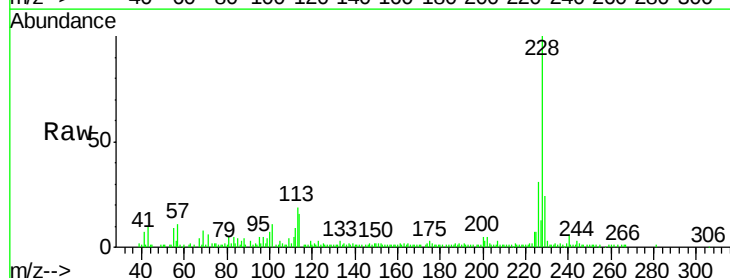
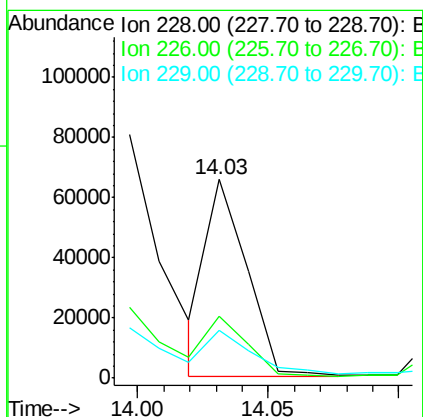
RT: 14.03 min Scan# 1045

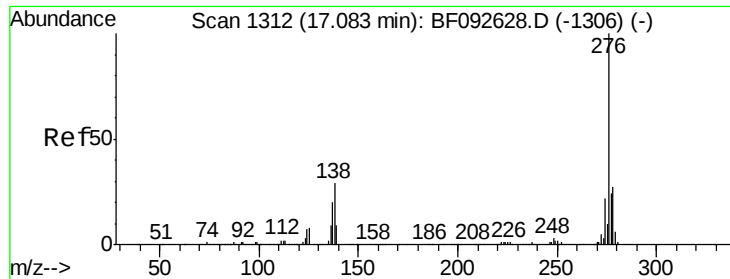
Delta R.T. -0.01 min

Lab File: BF093023.D

Acq: 17 Feb 2017 21:04

Tgt Ion:	228	Resp:	71117
Ion Ratio		Lower	Upper
228	100		
226	31.0	25.4	38.0
229	24.2	16.2	24.2





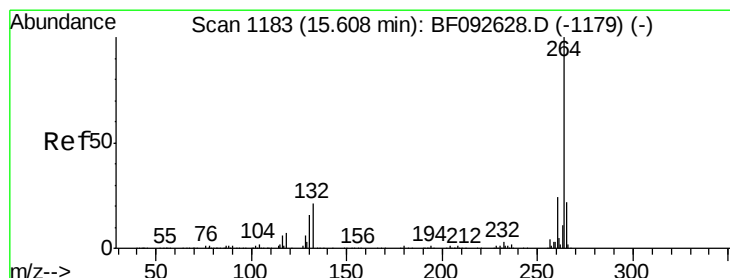
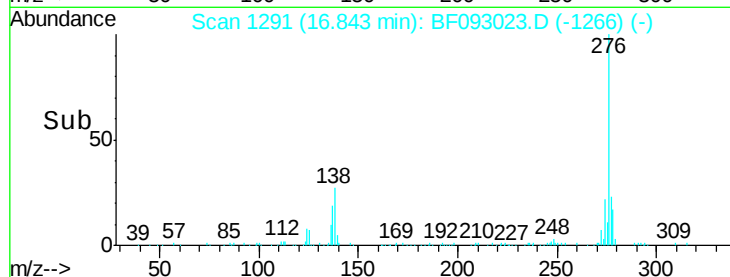
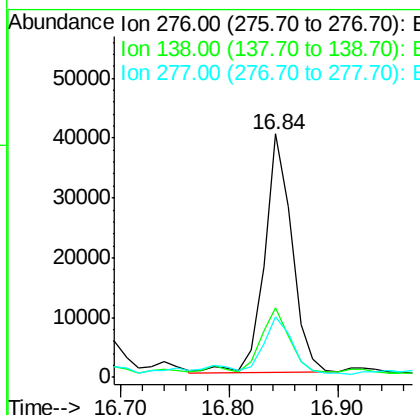
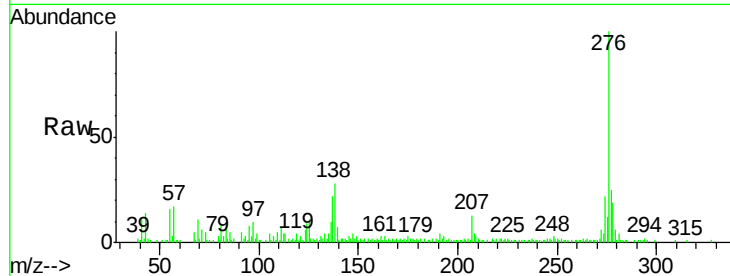
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.80 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Instrument :
 BNA_F
 ClientSampled :
 TP22-COMP16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	24.9	20.2	30.4

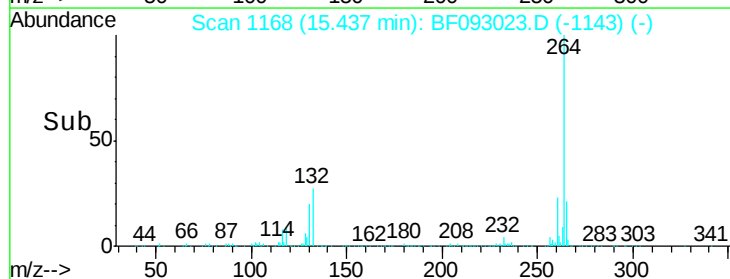
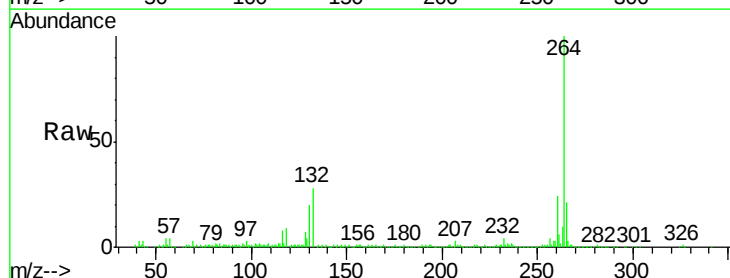
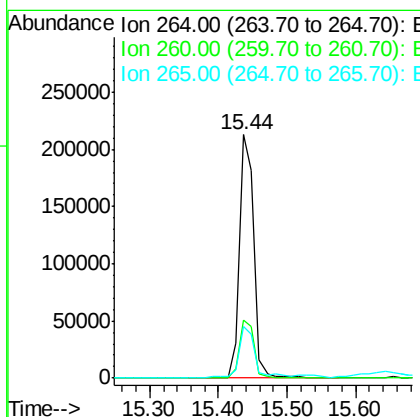
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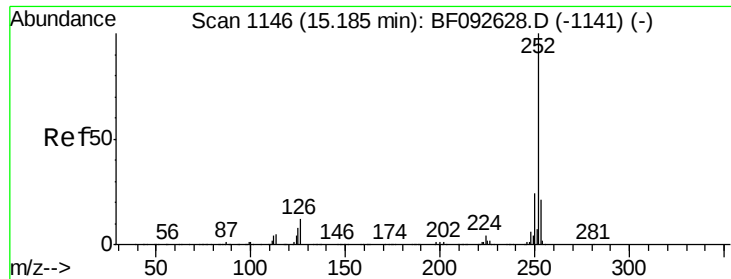
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.4	26.0





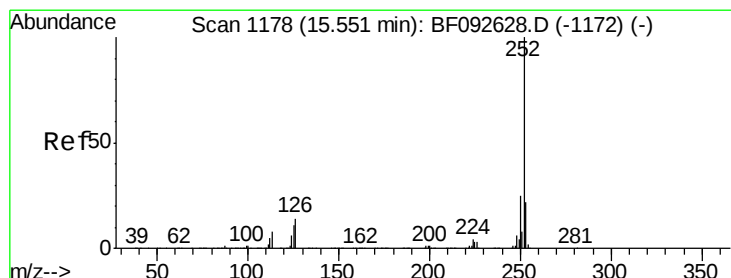
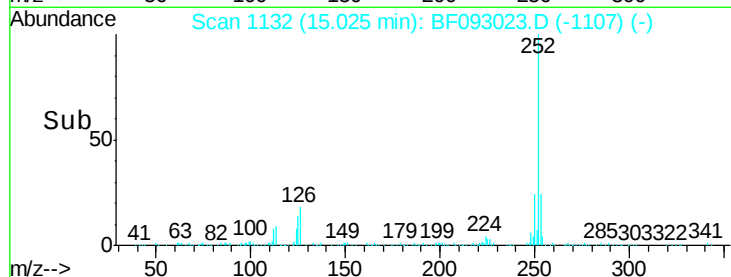
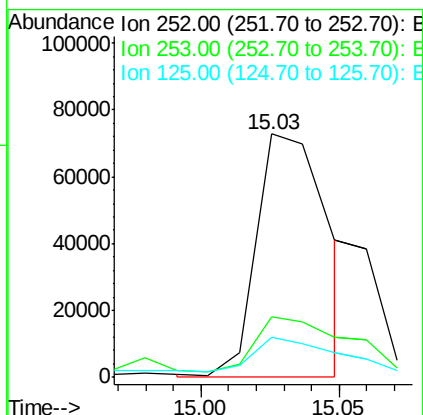
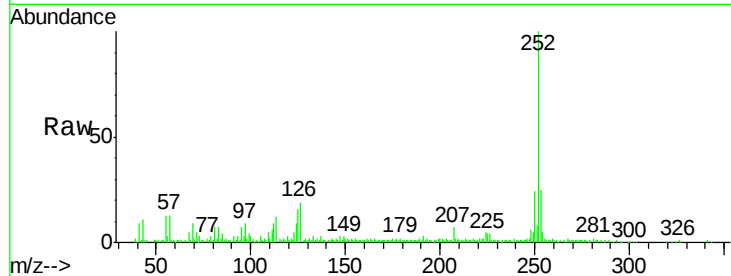
#87
Benzo(b)fluoranthene
Concen: 6.38 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	16.4	9.8	14.6

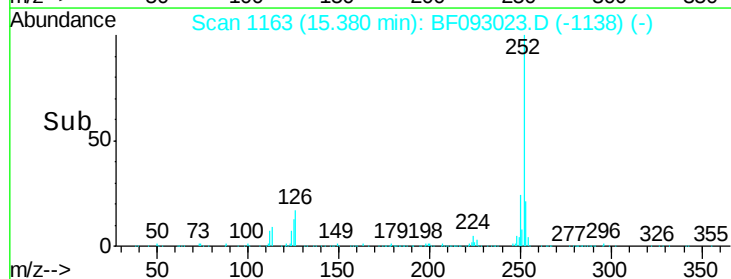
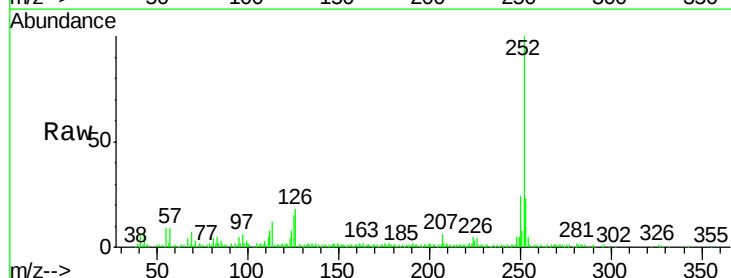
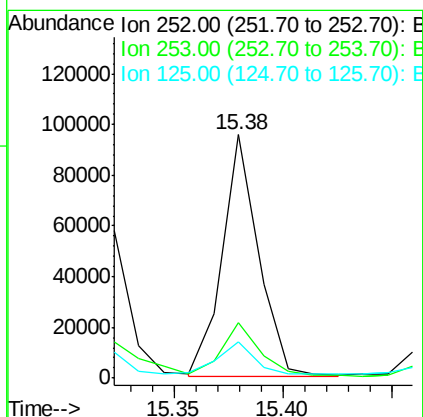
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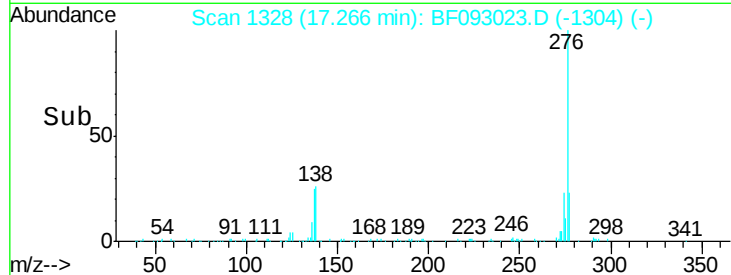
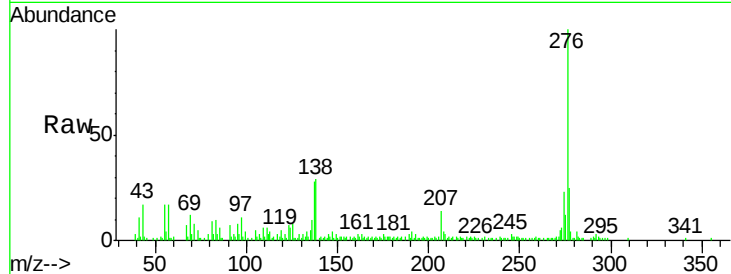
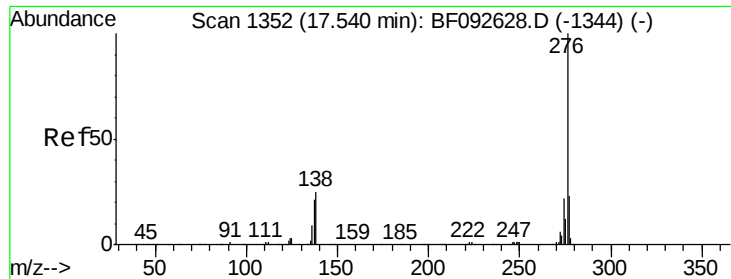
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#89
Benzo(a)pyrene
Concen: 6.18 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	14.7	10.0	15.0





#91
 Benzo(g,h,i)perylene
 Concen: 4.96 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093023.D
 Acq: 17 Feb 2017 21:04

Instrument :
 BNA_F
 ClientSampleId :
 TP22-COMP16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	29.2	16.0	24.0

Manual Integrations
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