

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092145.D
 Acq On : 9 Jan 2017 18:48
 Operator : UM/SJ
 Sample : I1050-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-29-20170105

Manual Integrations
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Quant Time: Jan 09 22:56:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	159893	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	645395	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	339364	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	525084	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	341303	20.00	ng	-0.01
86) Perylene-d12	15.15	264	332713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1018488	106.36	ng	0.00
7) Phenol-d6	6.30	99	1232668	105.43	ng	-0.01
23) Nitrobenzene-d5	7.20	82	841863	72.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	272599	97.06	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1117142	64.31	ng	-0.01
78) Terphenyl-d14	12.73	244	925002	65.73	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.31	94	77061	5.78	ng	83
49) Dimethylphthalate	9.40	163	130661	6.02	ng	99
70) Phenanthrene	11.17	178	496690	17.44	ng	98
71) Anthracene	11.21	178	115882	3.00	ng	98
74) Fluoranthene	12.36	202	567031	20.63	ng	91
77) Pyrene	12.57	202	512897	20.48	ng	97
79) Butylbenzylphthalate	13.23	149	2014752	176.90	ng	100
80) Benzo(a)anthracene	13.76	228	242523	12.59	ng	99
82) Chrysene	13.80	228	177066	9.16	ng	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	105877	6.32	ng	95
87) Benzo(b)fluoranthene	14.77	252	225242m	10.87	ng	
88) Benzo(k)fluoranthene	14.78	252	97300m	5.51	ng	
89) Benzo(a)pyrene	15.09	252	169960	9.24	ng	98
91) Benzo(g,h,i)perylene	16.78	276	97838	6.23	ng	# 94

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

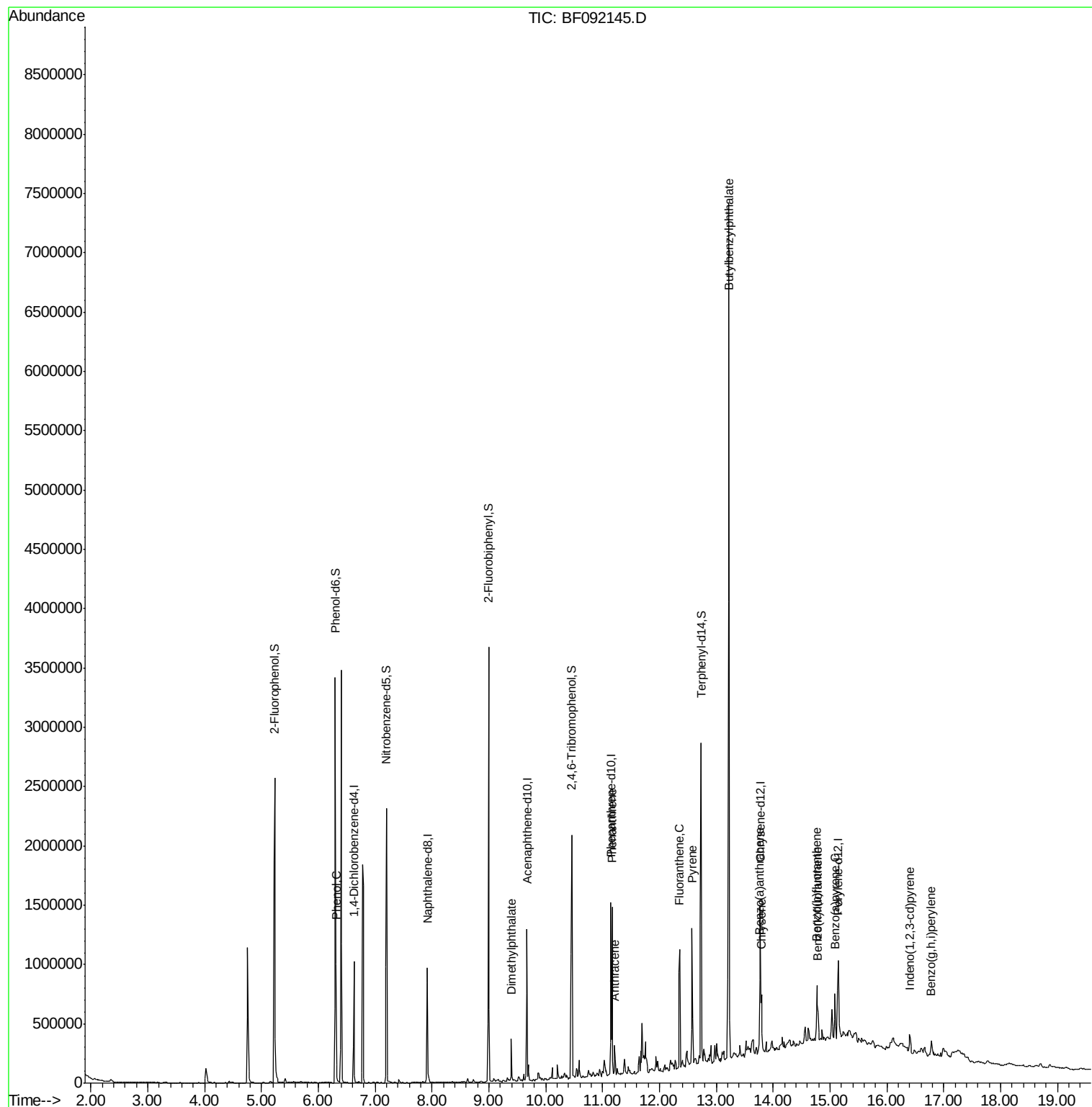
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092145.D
Acq On : 9 Jan 2017 18:48
Operator : UM/SJ
Sample : I1050-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

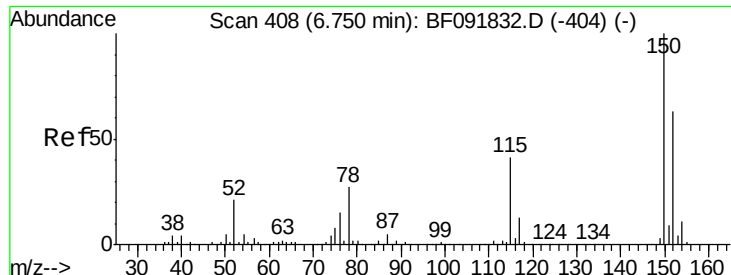
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Instrument :

BNA_F

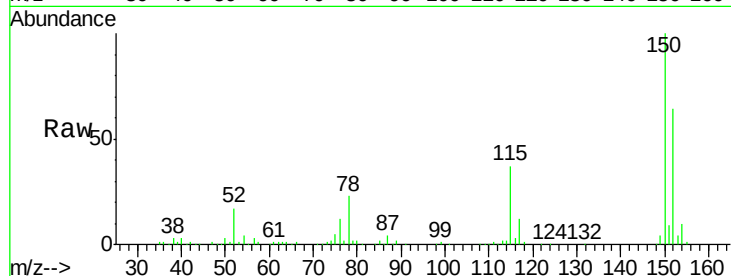
ClientSampleId :

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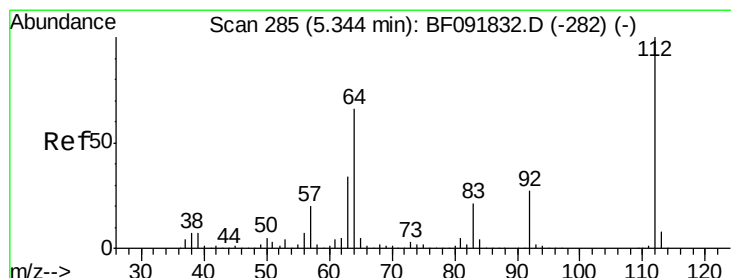
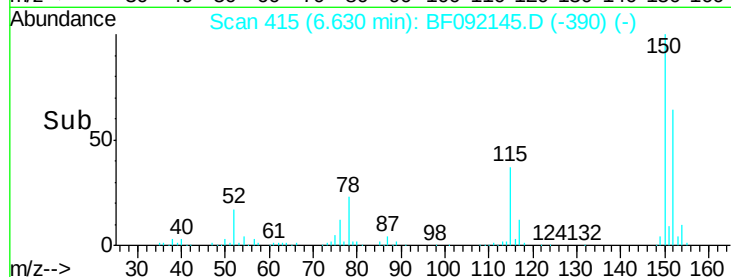
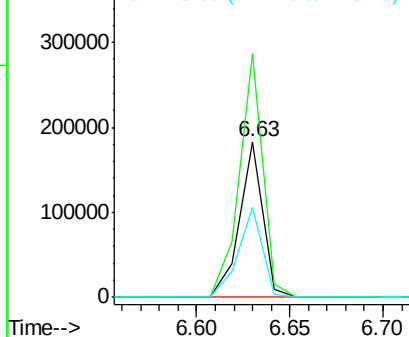
Tgt Ion:	152	Resp:	159893
Ion Ratio	Lower	Upper	
152	100		
150	156.8	124.9	187.3
115	57.8	46.0	69.0

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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



#5

2-Fluorophenol

Concen: 106.36 ng

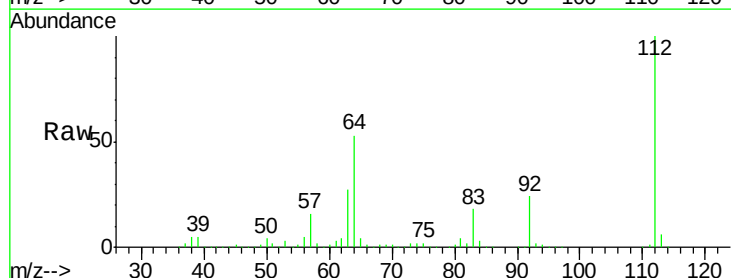
RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

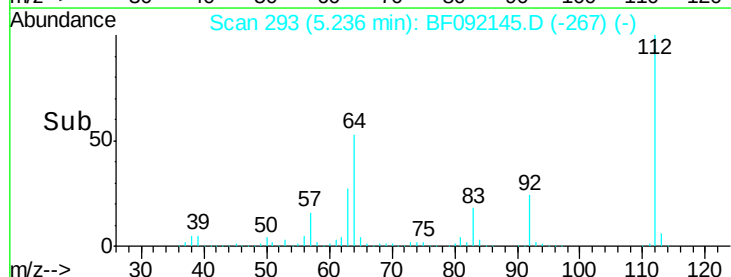
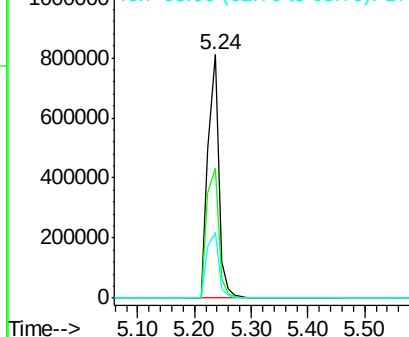
Lab File: BF092145.D

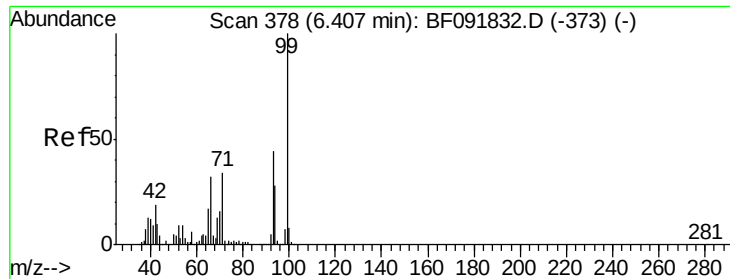
Acq: 9 Jan 2017 18:48

Tgt Ion:	112	Resp:	1018488
Ion Ratio	Lower	Upper	
112	100		
64	53.3	46.1	69.1
63	26.9	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: 105.43 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Instrument :

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Tgt Ion: 99 Resp: 1232668

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

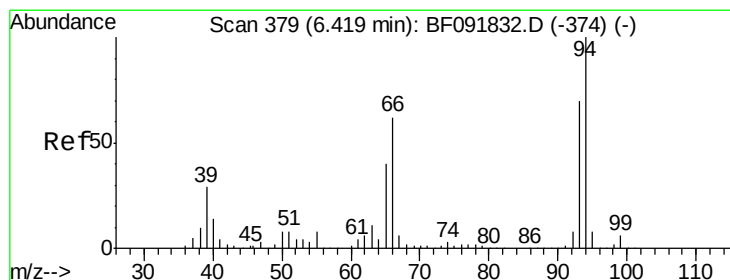
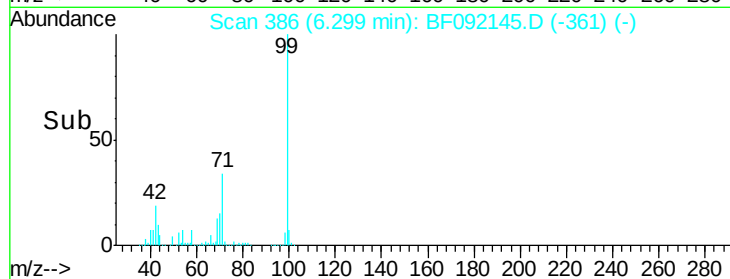
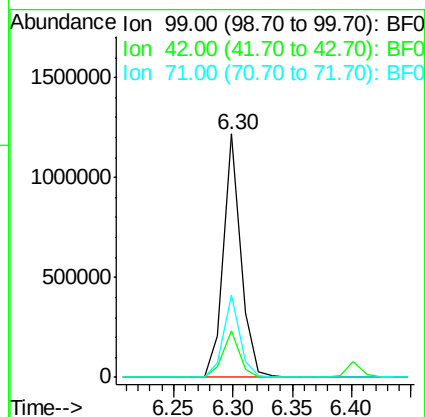
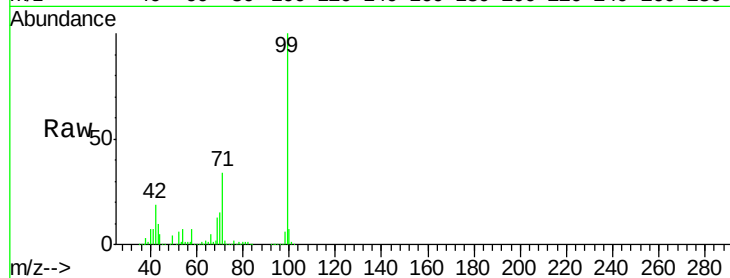
71 33.8 27.5 41.3

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#10

Phenol

Concen: 5.78 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

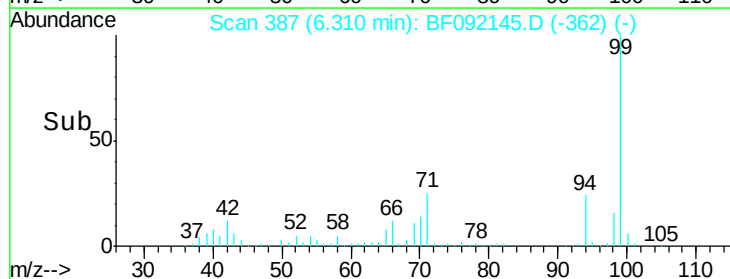
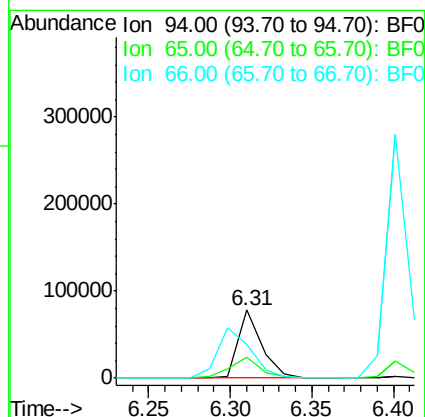
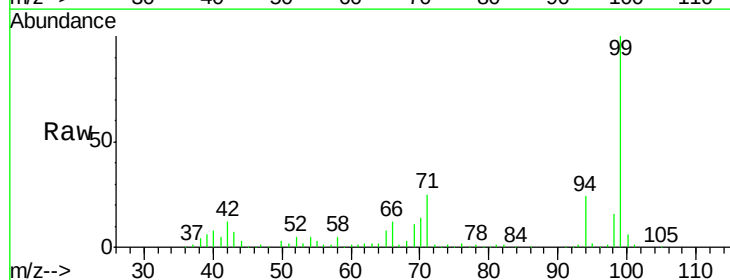
Tgt Ion: 94 Resp: 77061

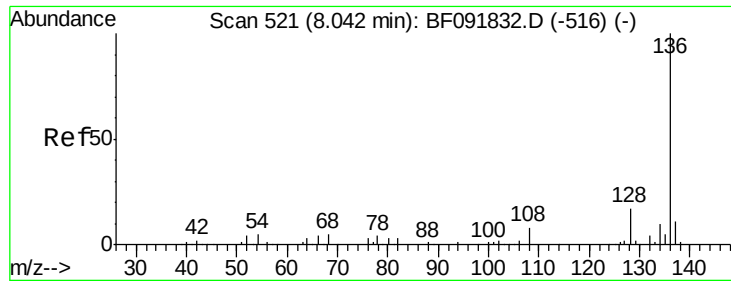
Ion Ratio Lower Upper

94 100

65 31.5 21.4 61.4

66 50.2 44.0 84.0





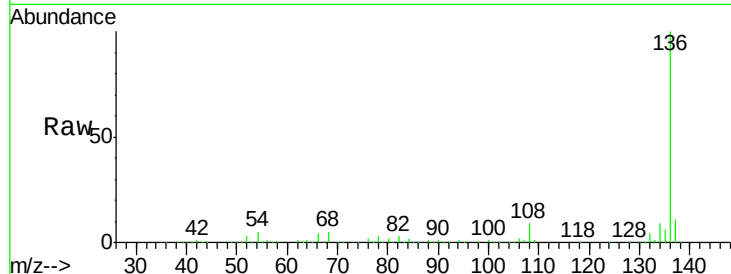
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Instrument :
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ClientSampleId :
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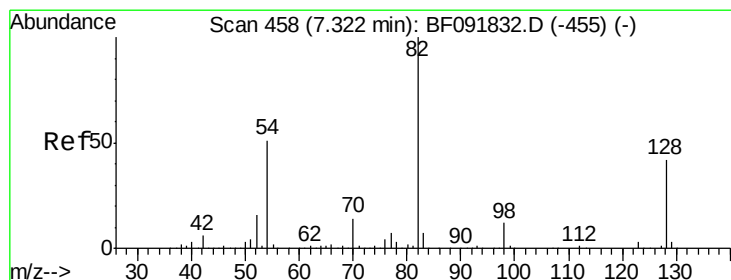
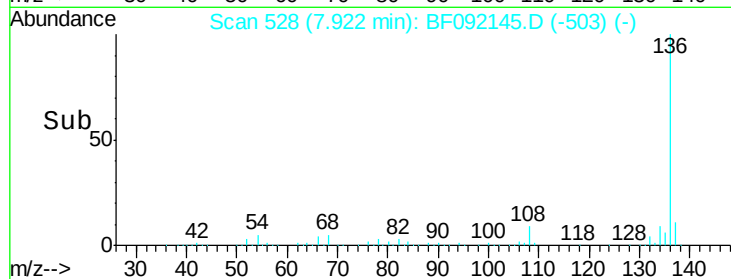
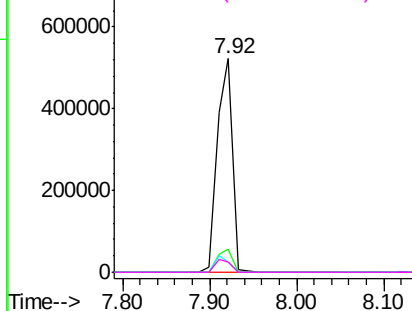
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	645395		
137	10.7	8.4	12.6	
54	5.1	4.5	6.7	
68	4.6	3.6	5.4	

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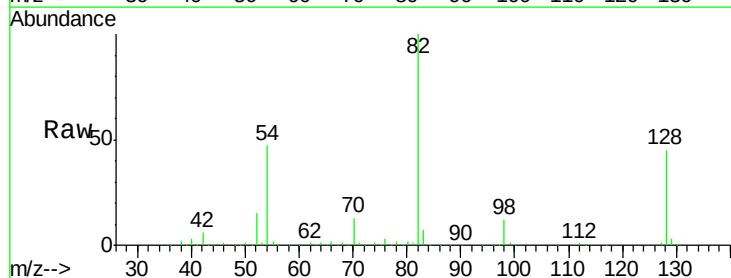


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

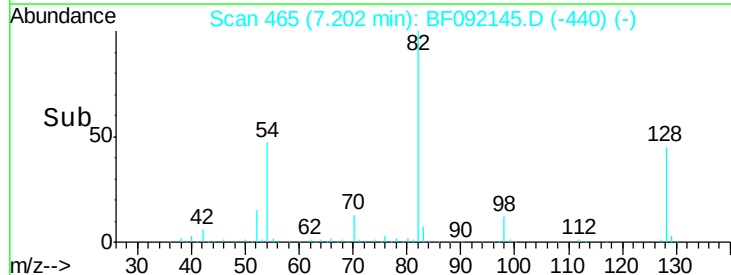
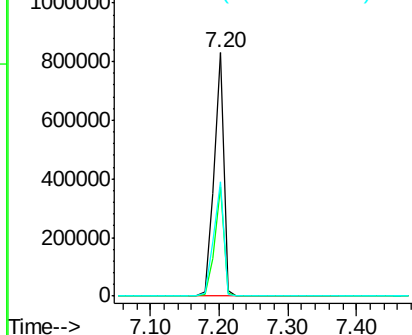


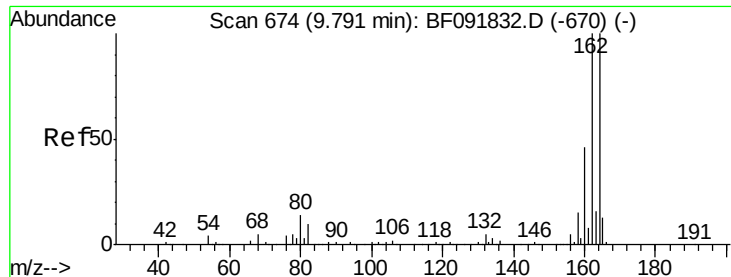
#23
Nitrobenzene-d5
Concen: 72.53 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092145.D
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	841863		
128	44.8	34.6	52.0	
54	47.0	39.5	59.3	



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





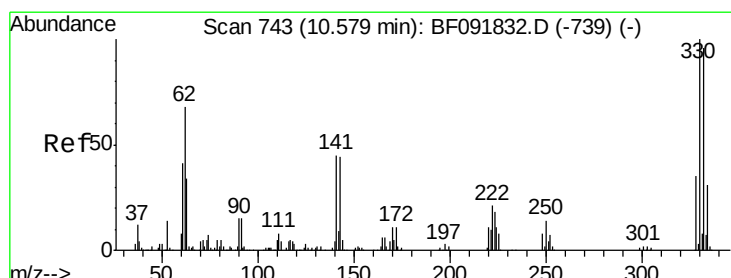
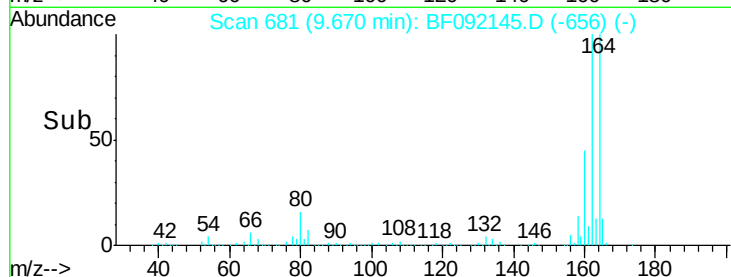
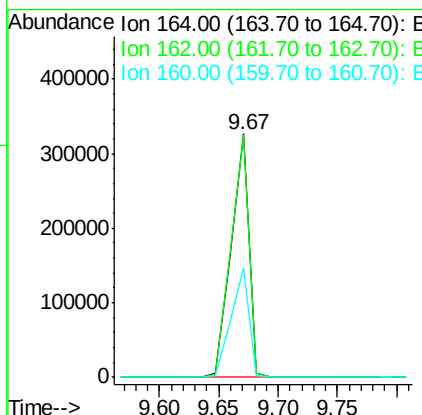
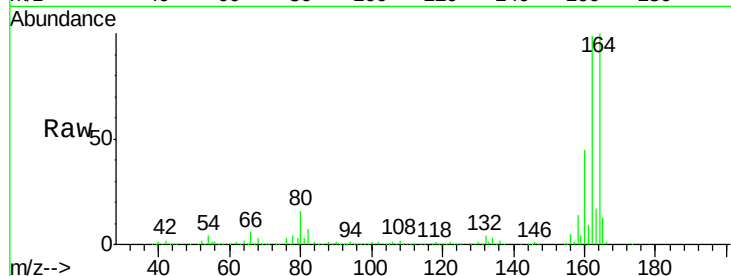
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	339364		
162	99.4	80.2	120.2	
160	44.9	36.9	55.3	

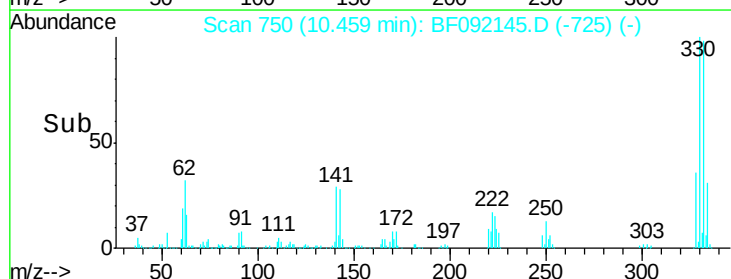
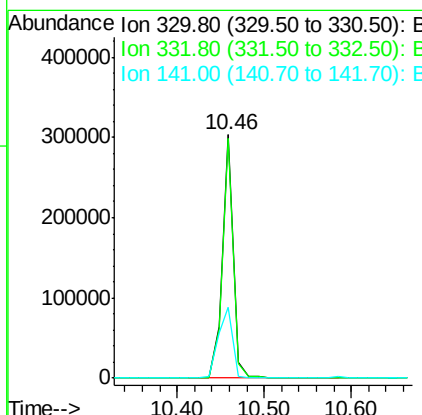
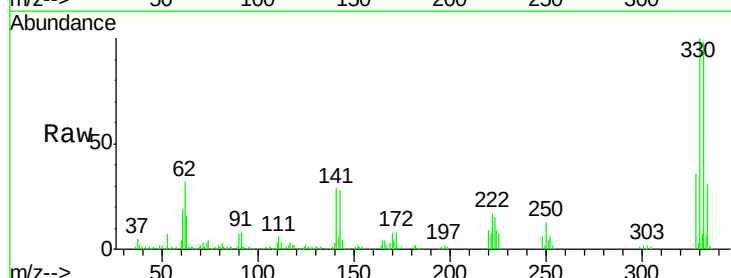
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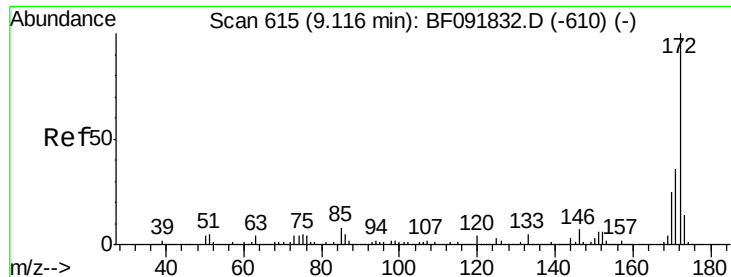
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#41
2,4,6-Tribromophenol
Concen: 97.06 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	272599		
332	97.9	77.4	116.2	
141	37.9	34.1	51.1	





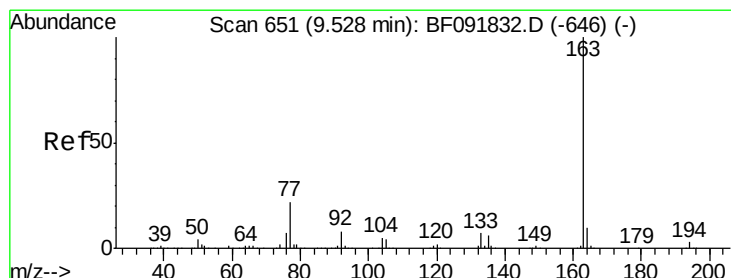
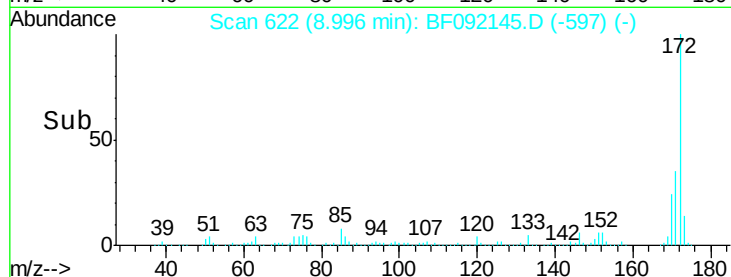
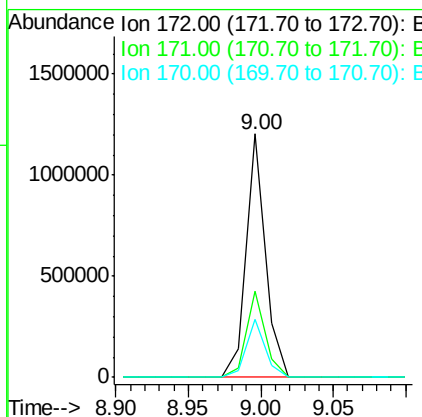
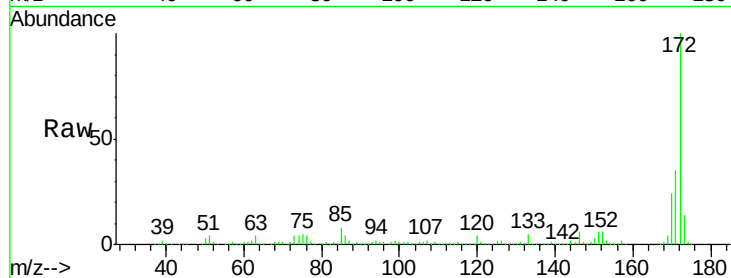
#44
2-Fluorobiphenyl
Concen: 64.31 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

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Tgt Ion:172 Resp: 1117142
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.0
170 24.0 20.2 30.4

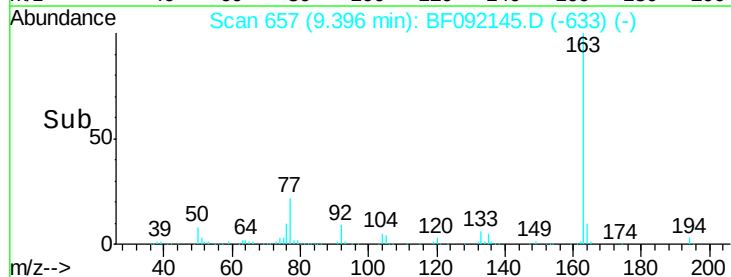
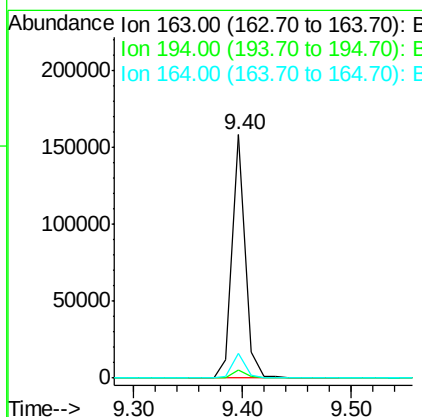
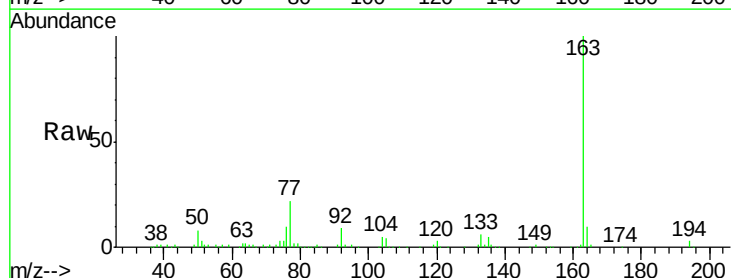
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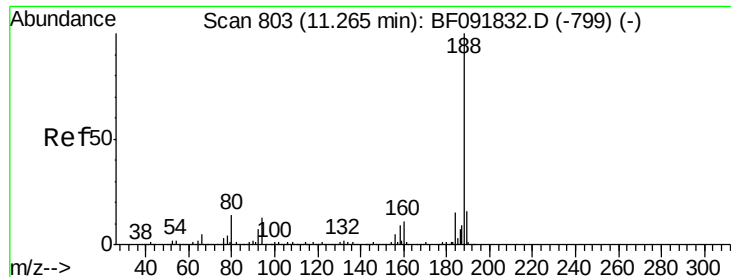
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#49
Dimethylphthalate
Concen: 6.02 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Tgt Ion:163 Resp: 130661
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Instrument :

BNA_F

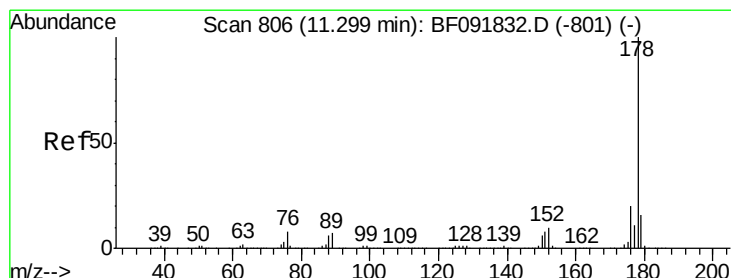
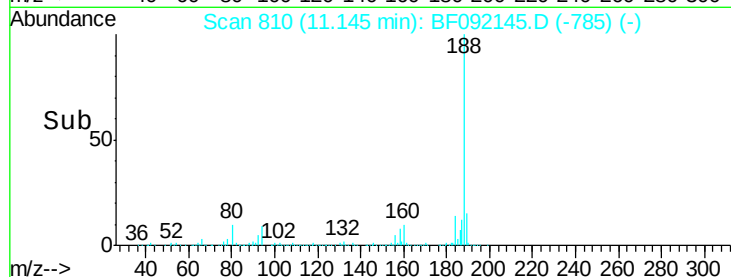
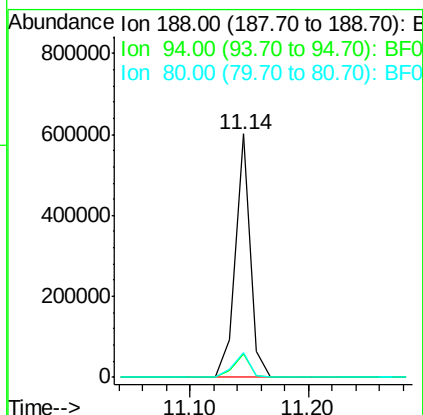
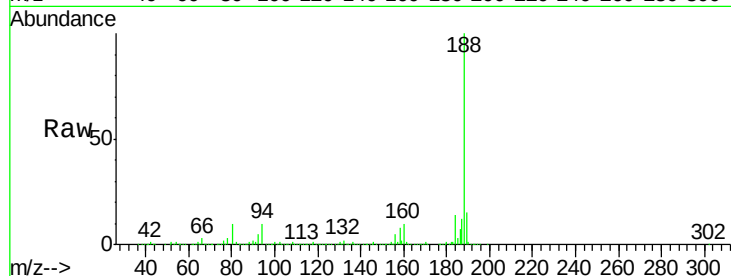
ClientSampleId :

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Tgt Ion:	188	Resp:	525084
Ion Ratio	Lower	Upper	
188	100		
94	9.5	10.0	15.0#
80	10.3	11.2	16.8#

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#70

Phenanthrene

Concen: 17.44 ng

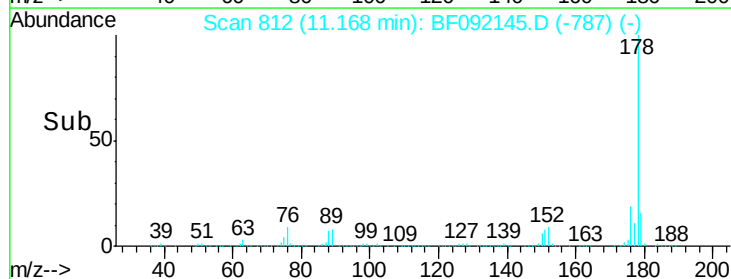
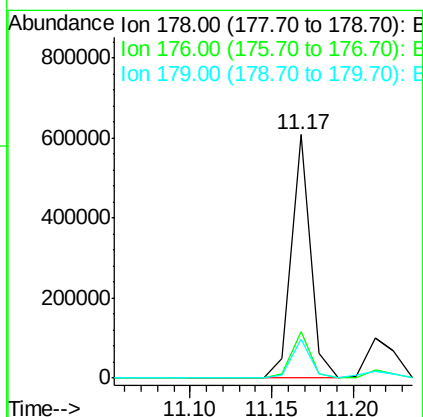
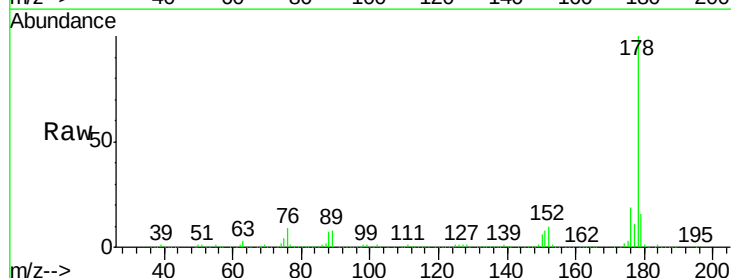
RT: 11.17 min Scan# 812

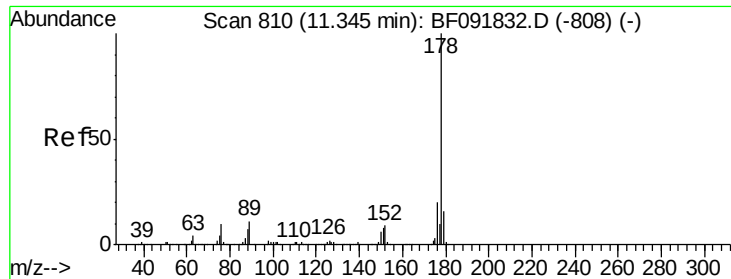
Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Tgt Ion:	178	Resp:	496690
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.6	25.0
179	15.8	12.8	19.2





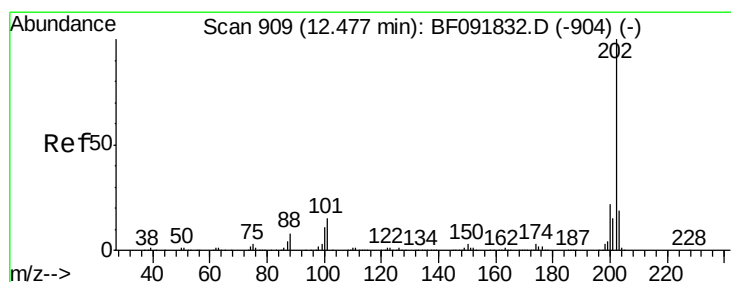
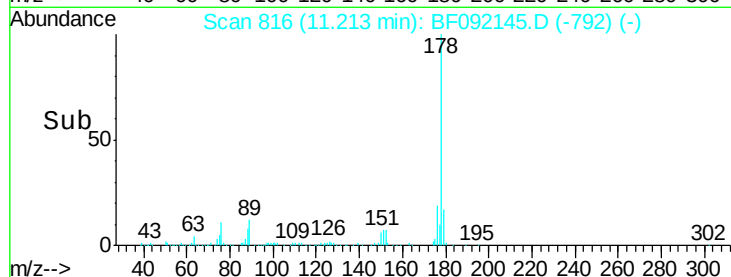
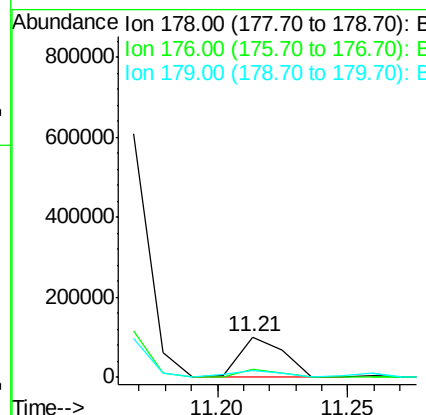
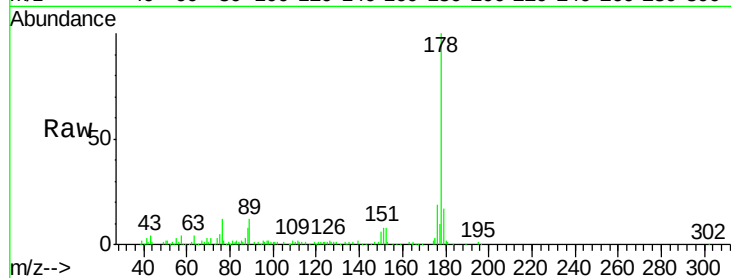
#71
 Anthracene
 Concen: 3.00 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092145.D
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	17.0	13.2	19.8

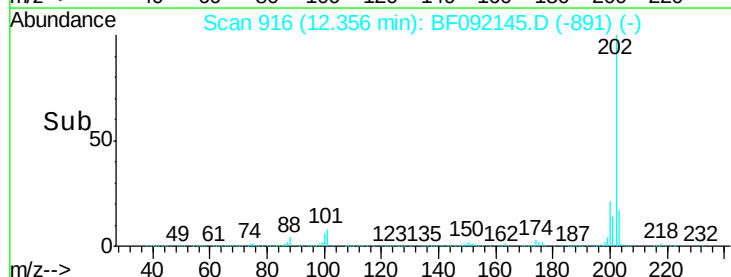
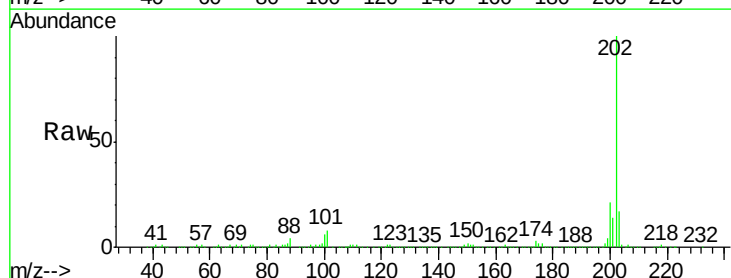
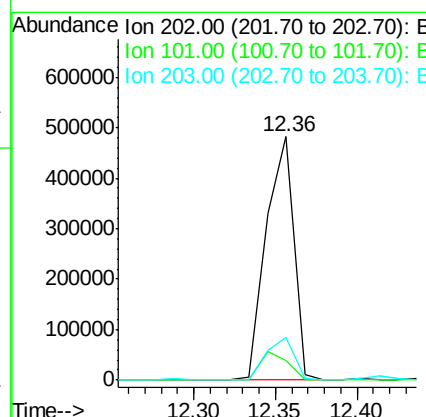
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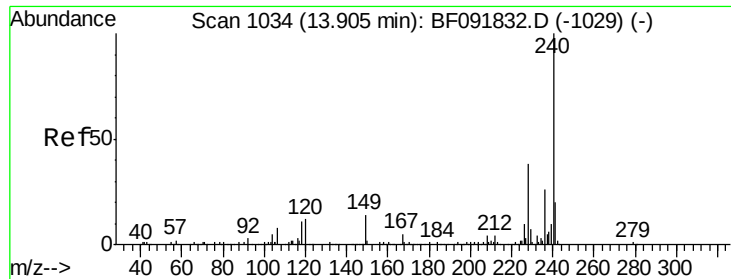
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#74
 Fluoranthene
 Concen: 20.63 ng
 RT: 12.36 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF092145.D
 Acq: 9 Jan 2017 18:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	34.6
203	17.4	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Instrument :

BNA_F

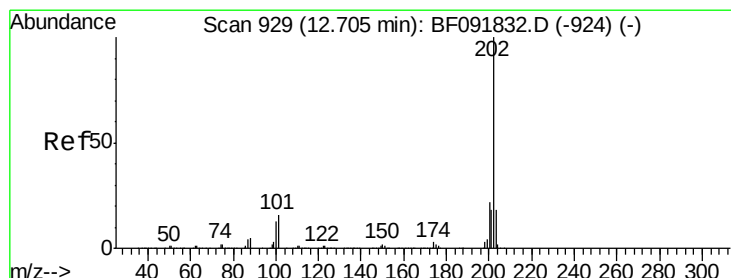
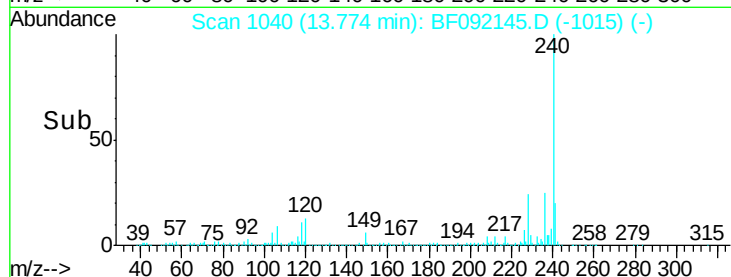
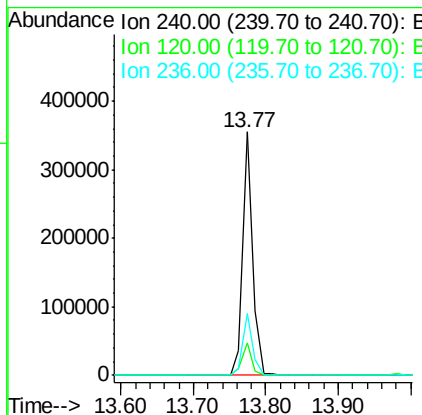
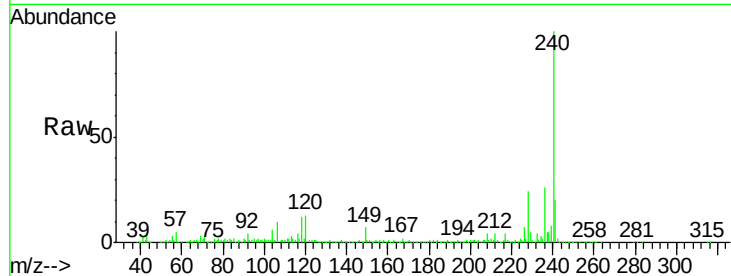
ClientSampleId :

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Tgt Ion:	240	Resp:	341303
Ion Ratio		Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.5	20.9	31.3

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#77

Pyrene

Concen: 20.48 ng

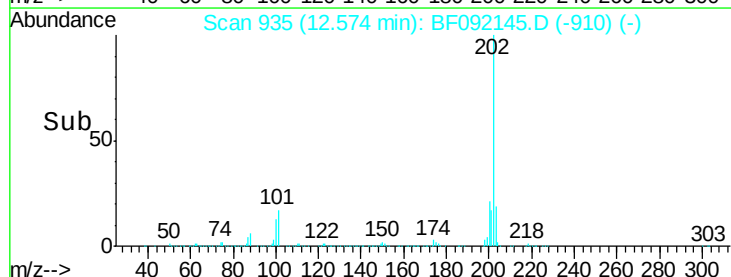
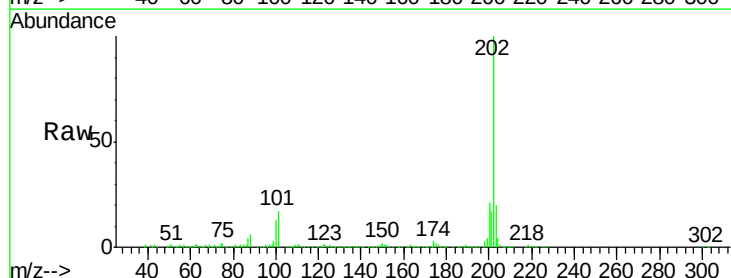
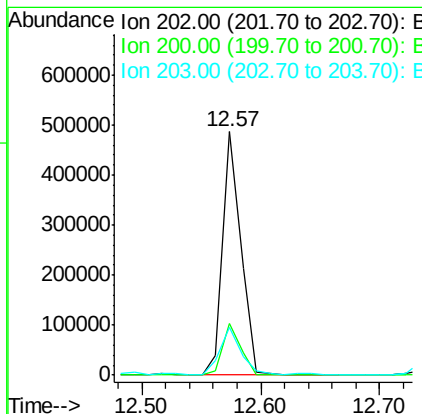
RT: 12.57 min Scan# 935

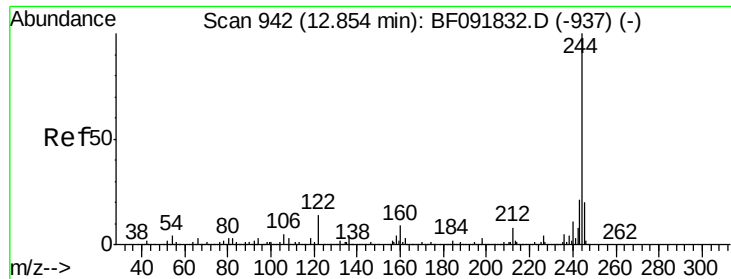
Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Tgt Ion:	202	Resp:	512897
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.7	26.5
203	19.8	14.7	22.1





#78

Terphenyl-d14

Concen: 65.73 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Instrument :

BNA_F

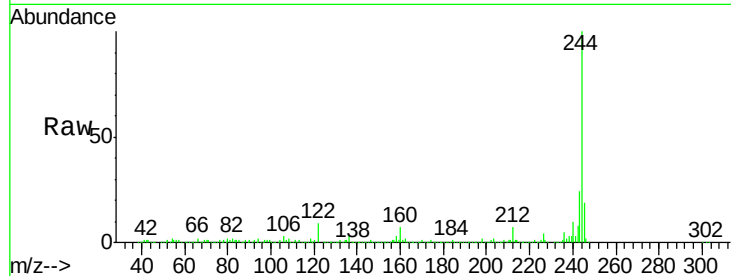
ClientSampleId :

POSTEX-29-20170105

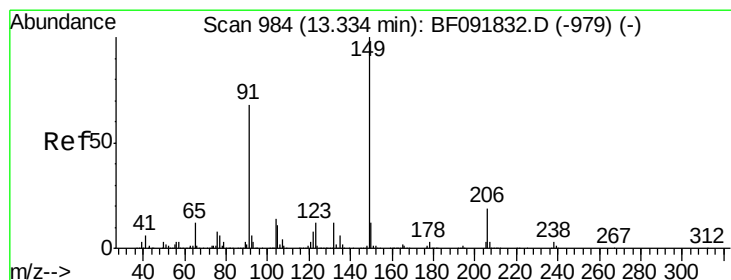
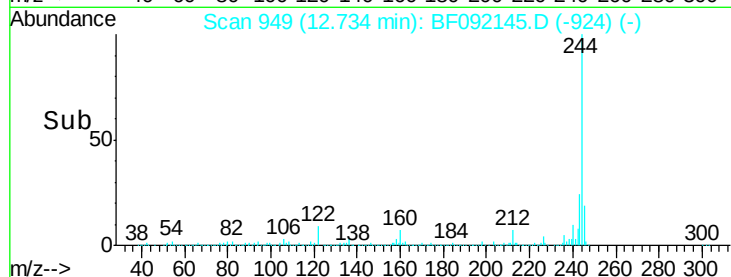
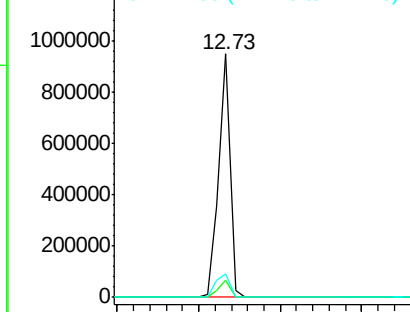
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	9.4	11.4	17.2

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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



#79

Butylbenzylphthalate

Concen: 176.90 ng

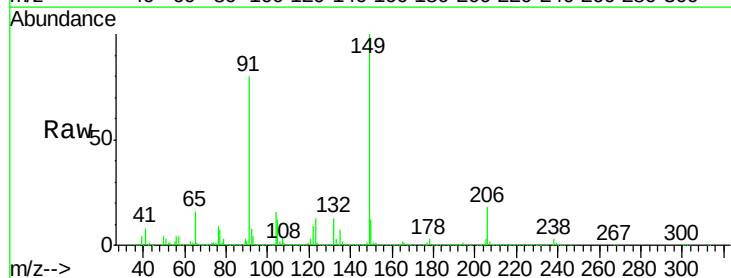
RT: 13.23 min Scan# 992

Delta R.T. 0.00 min

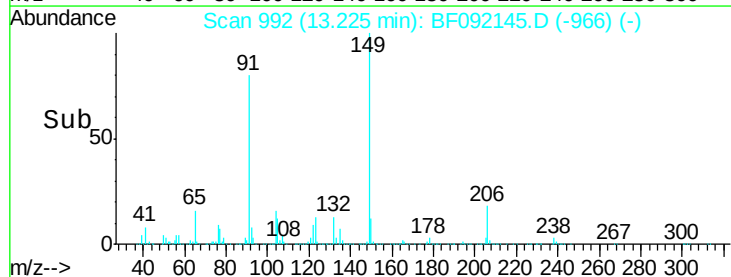
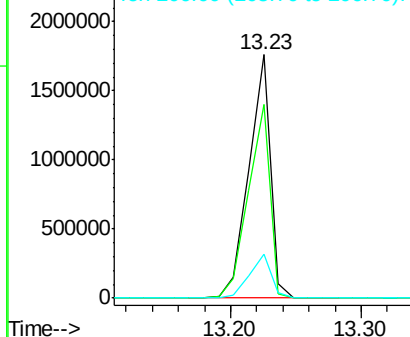
Lab File: BF092145.D

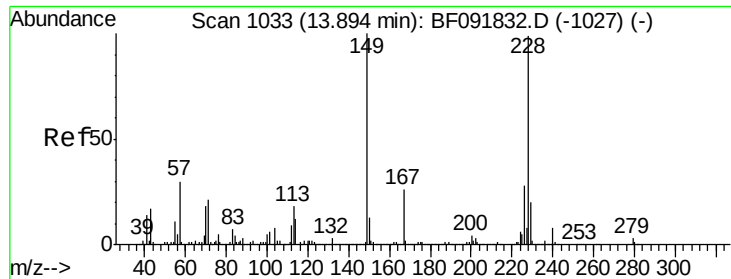
Acq: 9 Jan 2017 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.6	63.9	95.9
206	18.2	14.6	21.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 12.59 ng

RT: 13.76 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Instrument :

BNA_F

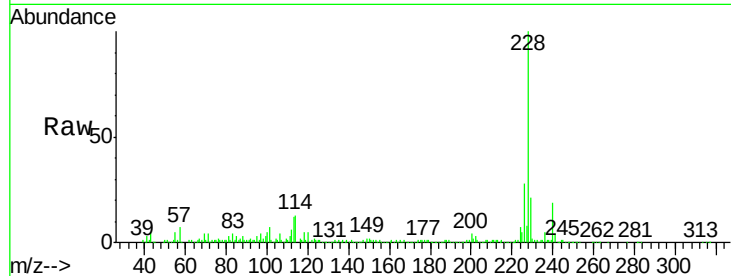
ClientSampleId :

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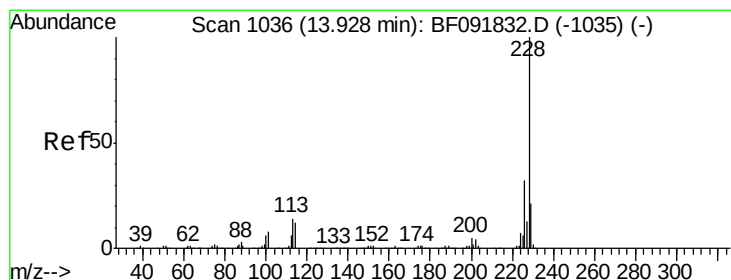
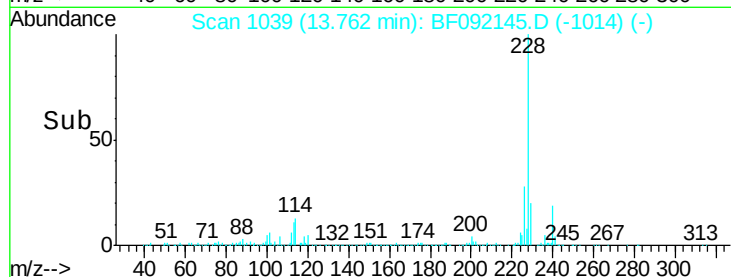
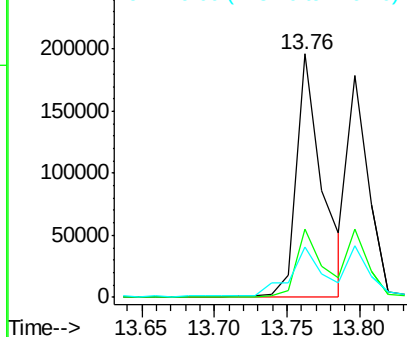
Tgt Ion:	228	Resp:	242523
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	20.8	16.2	24.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 9.16 ng

RT: 13.80 min Scan# 1042

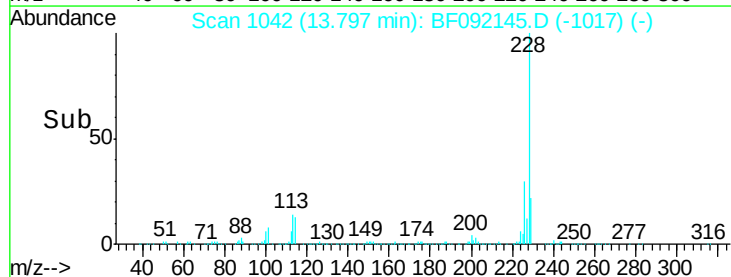
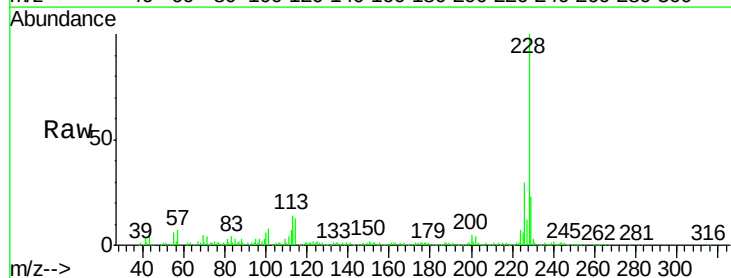
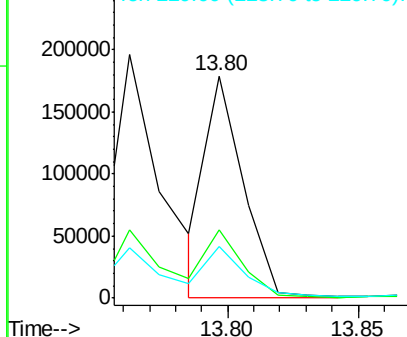
Delta R.T. -0.01 min

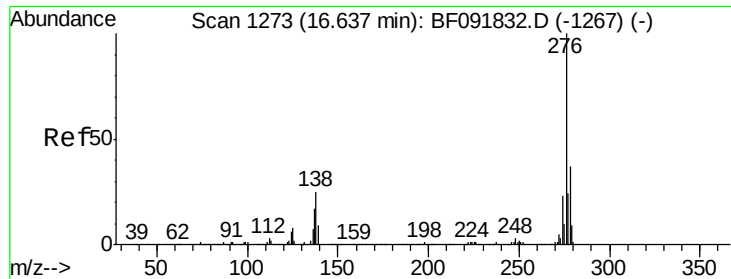
Lab File: BF092145.D

Acq: 9 Jan 2017 18:48

Tgt Ion:	228	Resp:	177066
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.4	38.0
229	22.9	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





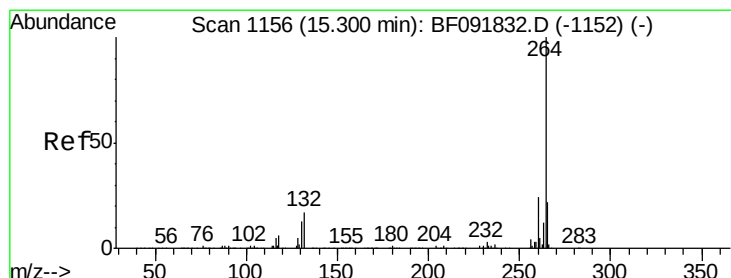
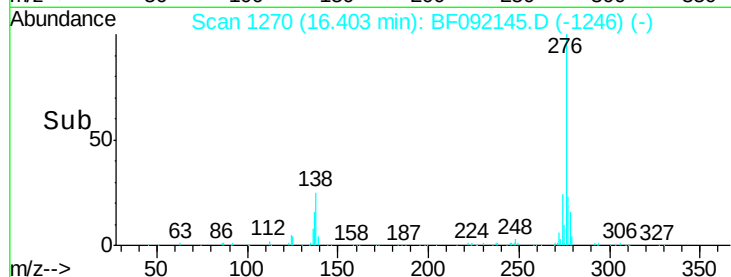
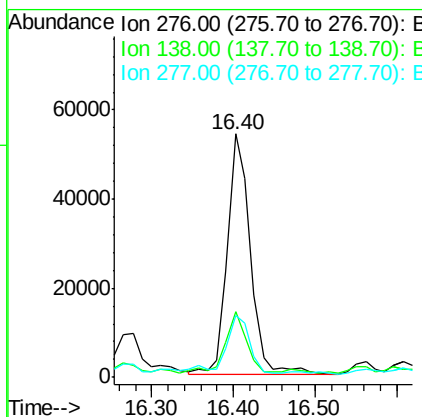
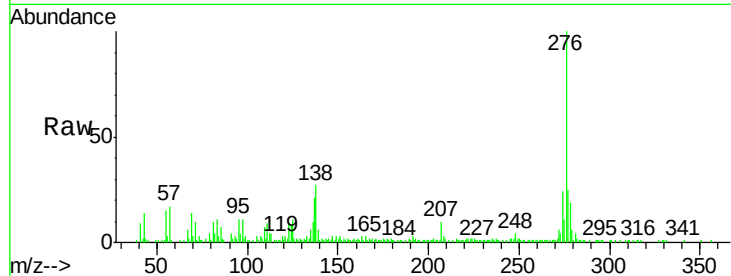
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.32 ng
 RT: 16.40 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF092145.D
 Acq: 9 Jan 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-29-20170105

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.8	32.6
277	26.4	20.2	30.4

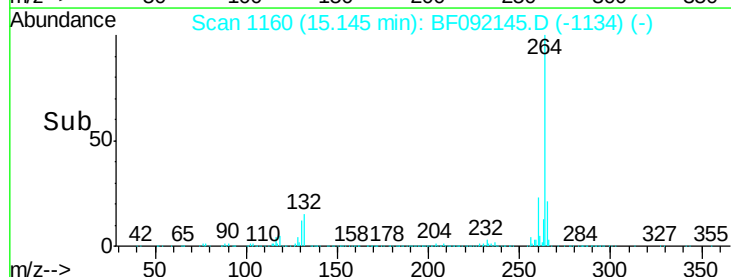
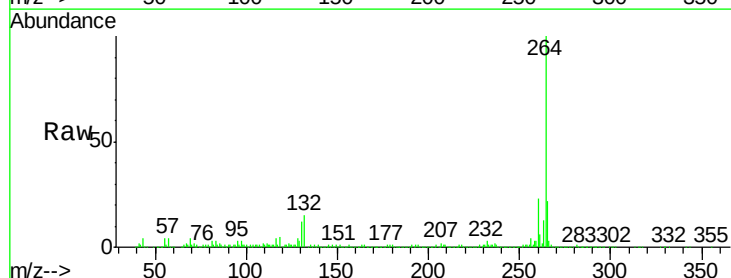
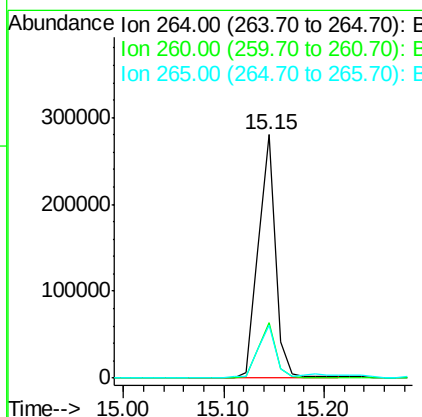
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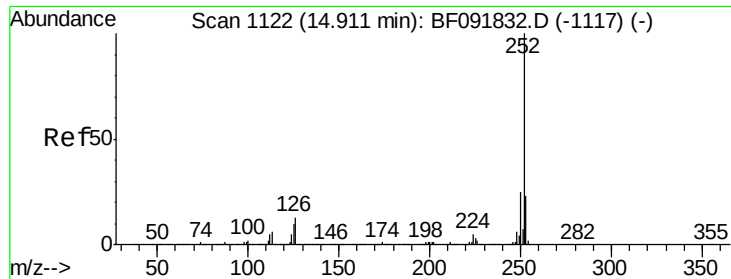
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092145.D
 Acq: 9 Jan 2017 18:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.4	26.0





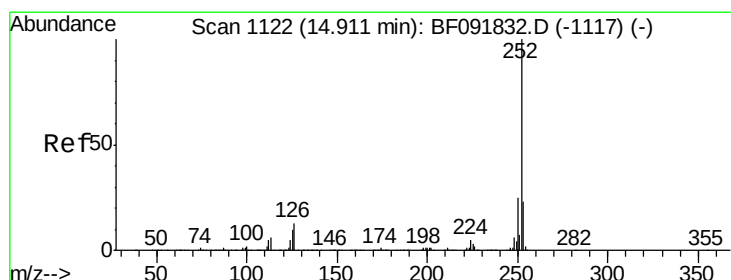
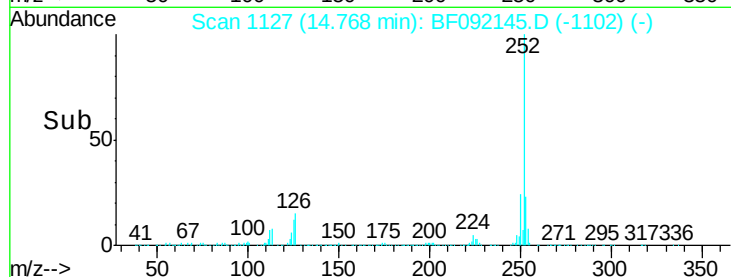
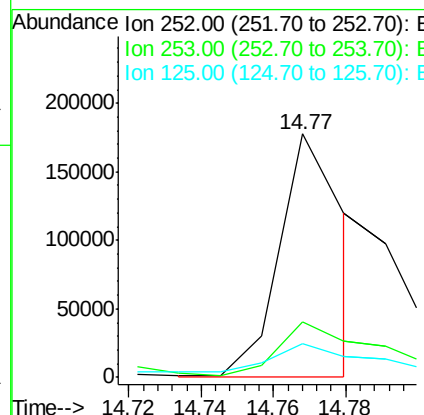
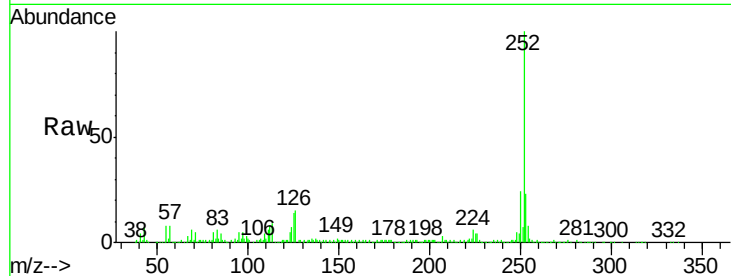
#87
Benzo(b)fluoranthene
Concen: 10.87 ng m
RT: 14.77 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	13.8	9.8	14.6

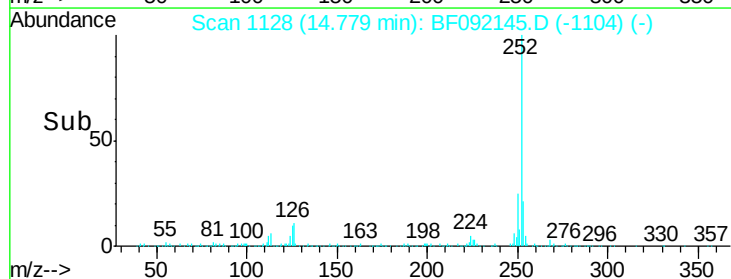
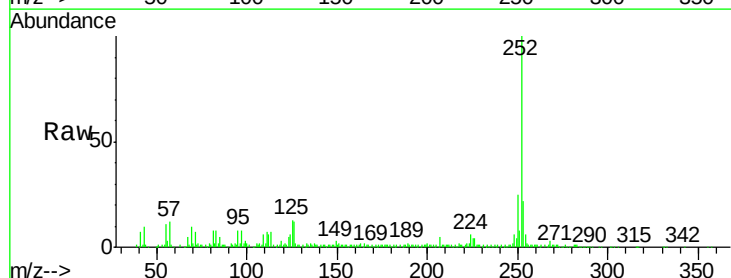
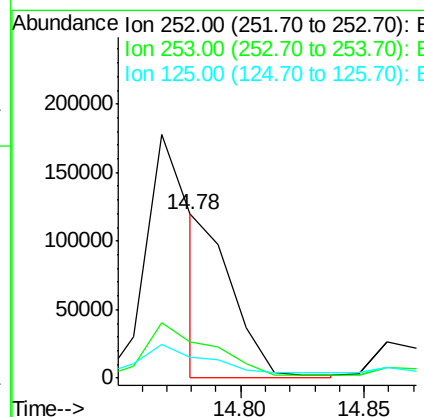
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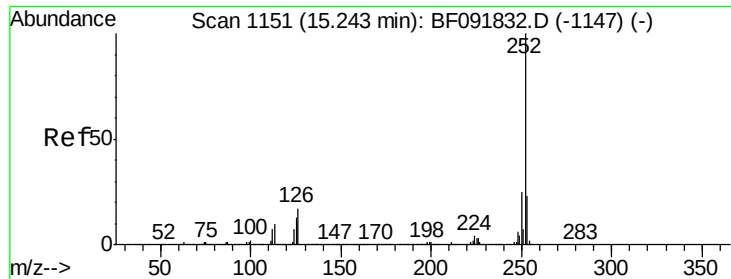
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#88
Benzo(k)fluoranthene
Concen: 5.51 ng m
RT: 14.78 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	12.9	8.9	13.3





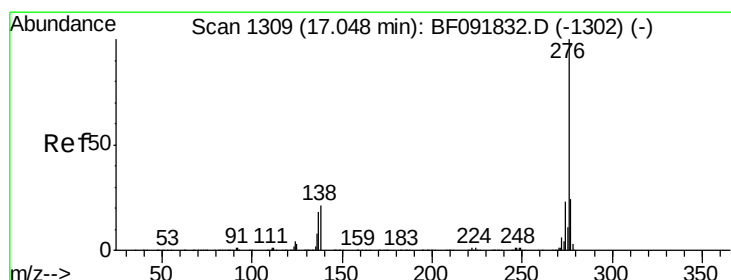
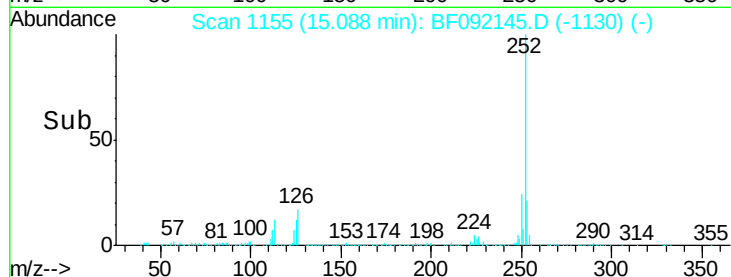
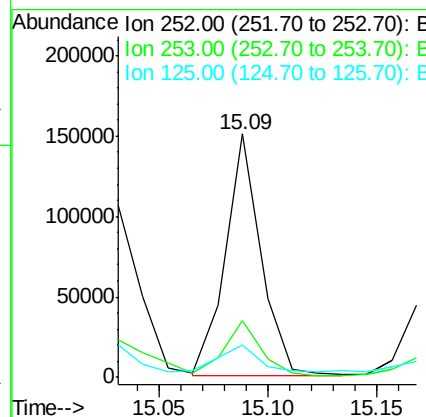
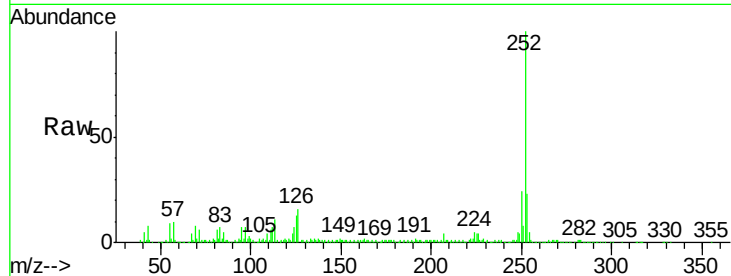
#89
Benzo(a)pyrene
Concen: 9.24 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Instrument :
BNA_F
ClientSampleId :
POSTEX-29-20170105

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	13.3	10.0	15.0

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#91
Benzo(g,h,i)perylene
Concen: 6.23 ng
RT: 16.78 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF092145.D
Acq: 9 Jan 2017 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	25.4	16.0	24.0

