

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092149.D
 Acq On : 9 Jan 2017 20:35
 Operator : UM/SJ
 Sample : I1057-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP4

Manual Integrations
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Sohil
 1/10/2017 10:01:27 AM

Quant Time: Jan 09 23:20:01 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	203725	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	672605	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	295703	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	417875	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	323918	20.00	ng	0.00
86) Perylene-d12	15.16	264	259503	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1105337	90.59	ng	0.00
7) Phenol-d6	6.30	99	1561051	104.79	ng	-0.01
23) Nitrobenzene-d5	7.20	82	893230	73.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	117024	47.82	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1167804	80.19	ng	-0.01
78) Terphenyl-d14	12.73	244	833448	62.40	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	76469	4.50	ng	# 62
49) Dimethylphthalate	9.40	163	107768	5.70	ng	# 98
51) Acenaphthene	9.70	154	60794	3.64	ng	96
54) Dibenzofuran	9.88	168	52753	2.34	ng	93
57) Fluorene	10.22	166	53907	3.28	ng	99
70) Phenanthrene	11.17	178	302043	13.33	ng	98
71) Anthracene	11.22	178	77998	2.44	ng	97
74) Fluoranthene	12.36	202	371072	16.22	ng	96
77) Pyrene	12.59	202	330258	13.90	ng	99
80) Benzo(a)anthracene	13.77	228	128566	7.03	ng	# 93
82) Chrysene	13.81	228	133811m	7.30	ng	
85) Indeno(1,2,3-cd)pyrene	16.44	276	36986	2.33	ng	# 93
87) Benzo(b)fluoranthene	14.78	252	123589m	7.65	ng	
88) Benzo(k)fluoranthene	14.79	252	56511m	4.10	ng	
89) Benzo(a)pyrene	15.10	252	86940	6.06	ng	# 59
91) Benzo(g,h,i)perylene	16.83	276	41177	3.36	ng	# 67

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

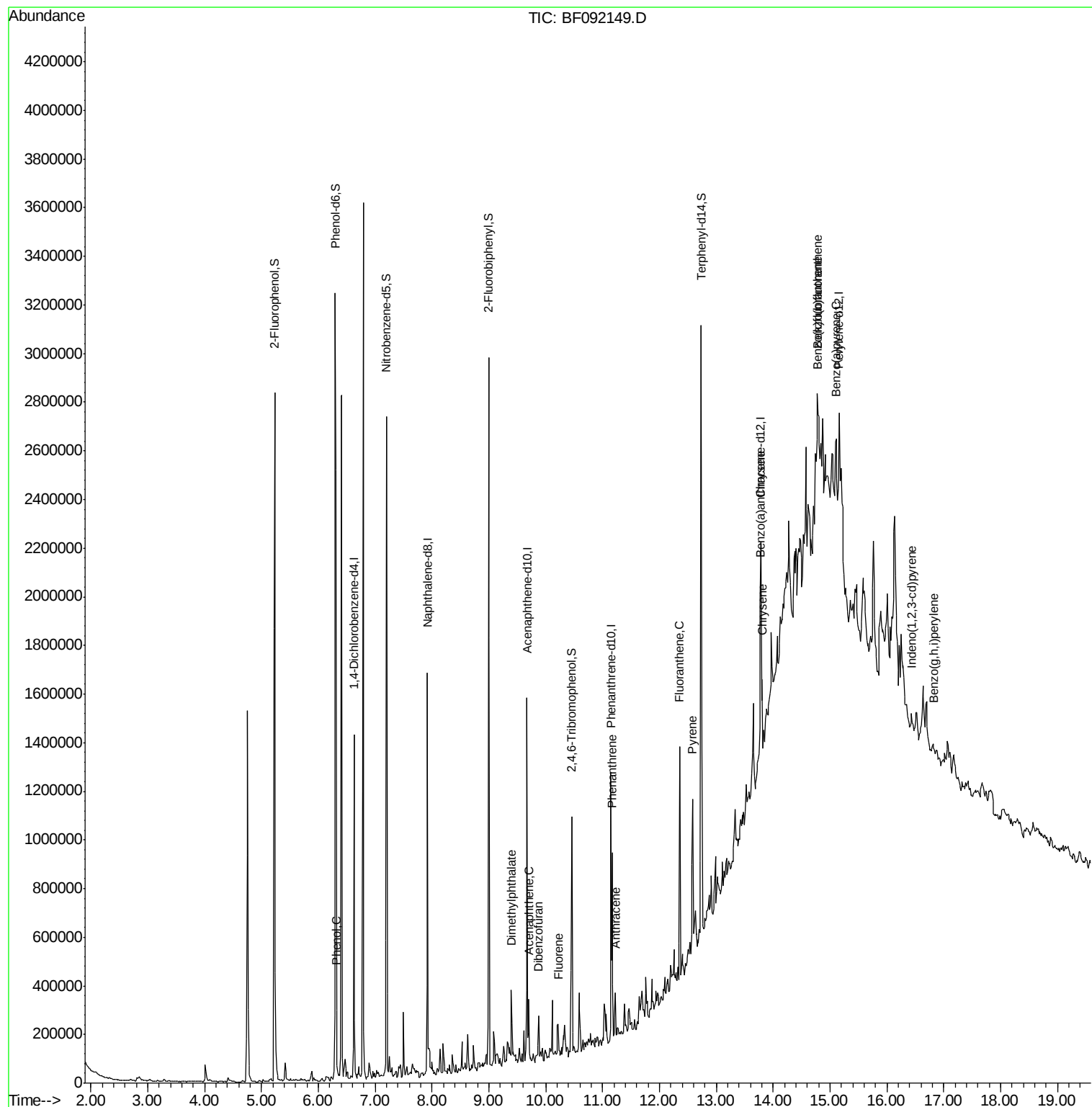
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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Acq On : 9 Jan 2017 20:35
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

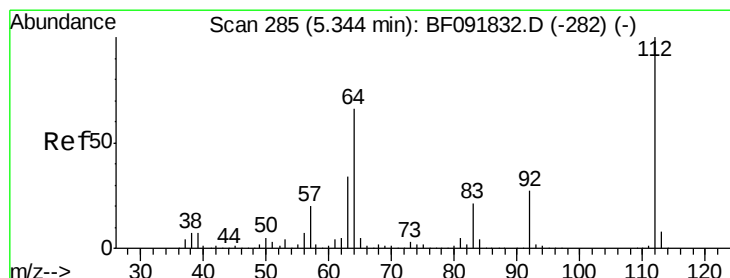
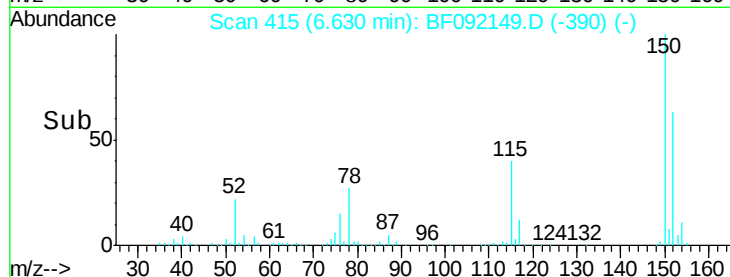
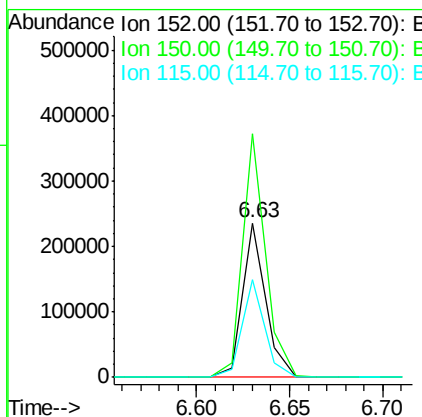
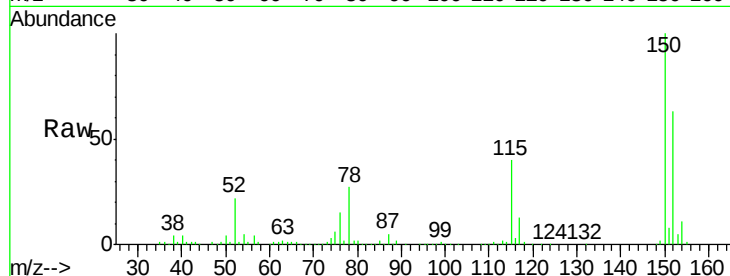
ClientSampled :

P3-SP4

Tgt Ion:	152	Resp:	203725
Ion Ratio	Lower	Upper	
152	100		
150	158.1	124.9	187.3
115	63.3	46.0	69.0

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#5

2-Fluorophenol

Concen: 90.59 ng

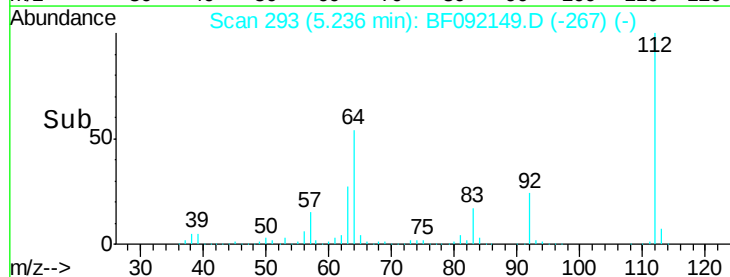
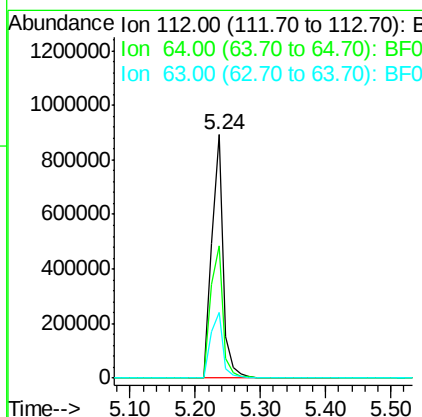
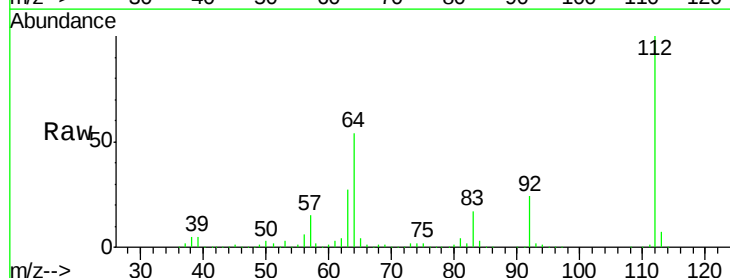
RT: 5.24 min Scan# 293

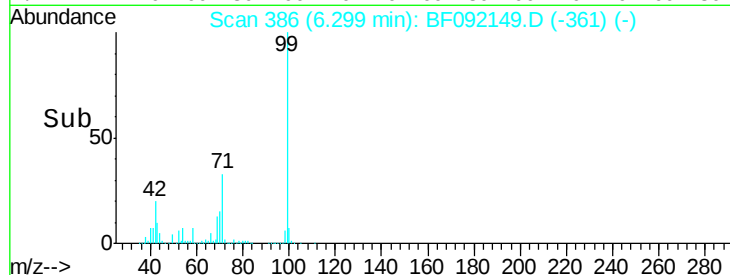
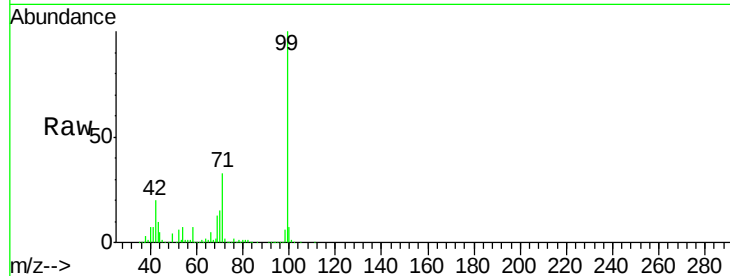
Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Tgt Ion:	112	Resp:	1105337
Ion Ratio	Lower	Upper	
112	100		
64	54.4	46.1	69.1
63	26.8	23.8	35.6





#7

Phenol-d6

Concen: 104.79 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Tgt Ion:	99	Resp:	1561051
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	33.4	27.5	41.3

Instrument :

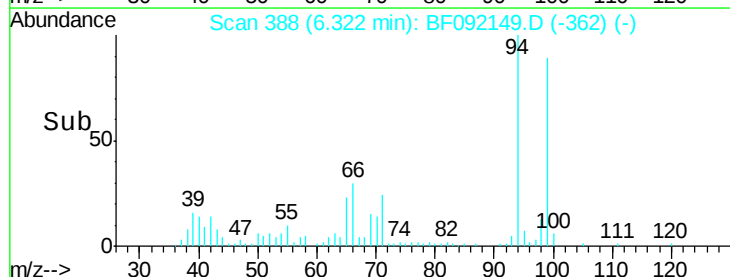
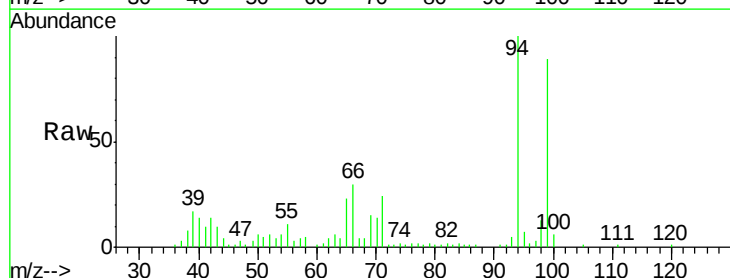
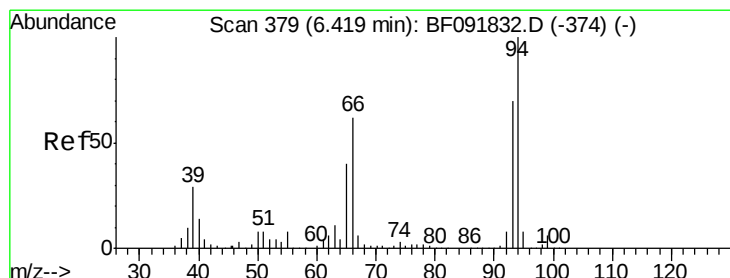
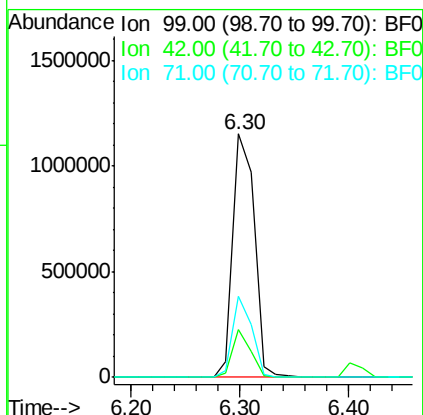
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ClientSampleId :

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#10

Phenol

Concen: 4.50 ng

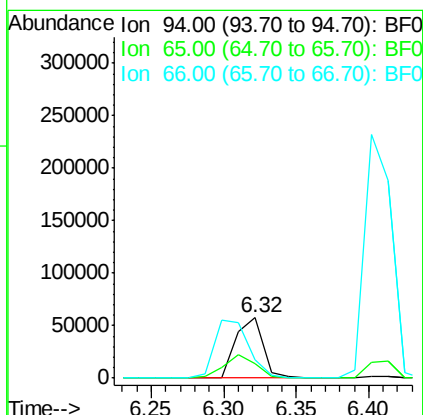
RT: 6.32 min Scan# 388

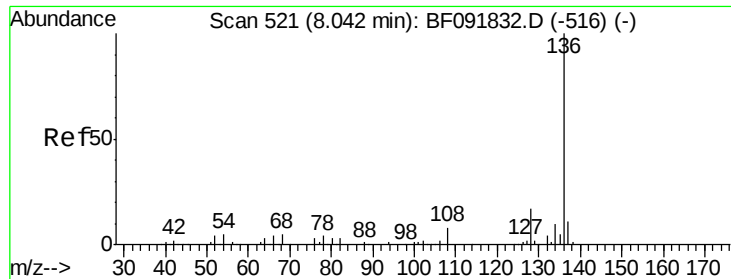
Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Tgt Ion:	94	Resp:	76469
Ion	Ratio	Lower	Upper
94	100		
65	23.0	21.4	61.4
66	30.5	44.0	84.0#





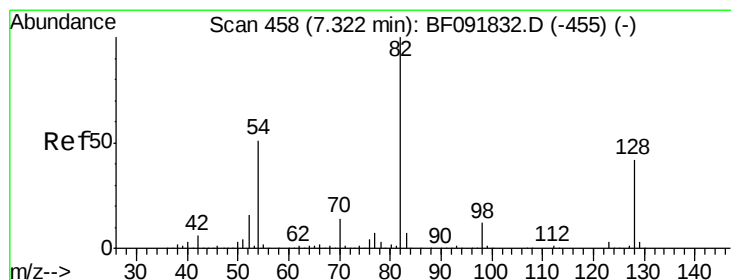
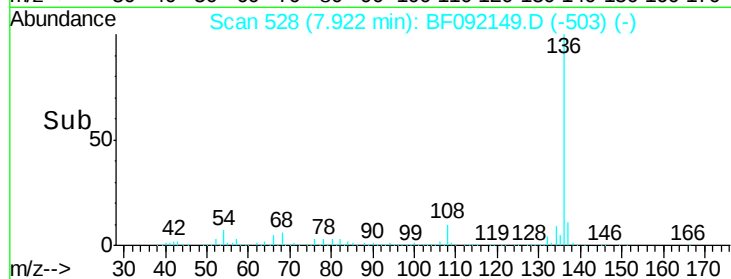
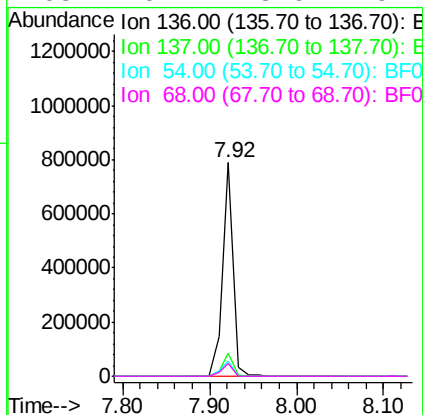
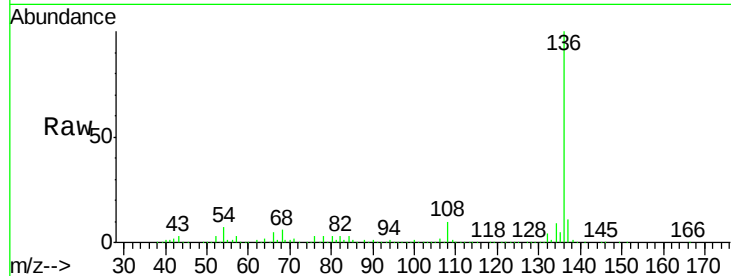
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	672605		
137	10.8	8.4	12.6	
54	7.1	4.5	6.7#	
68	6.1	3.6	5.4#	

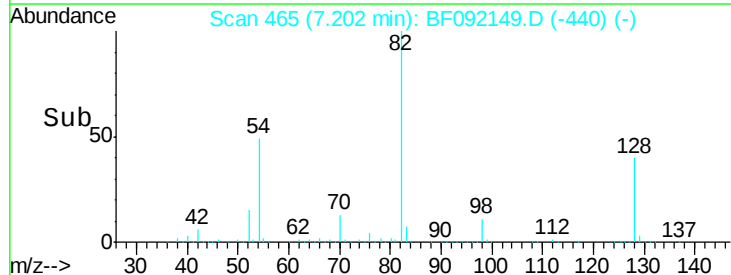
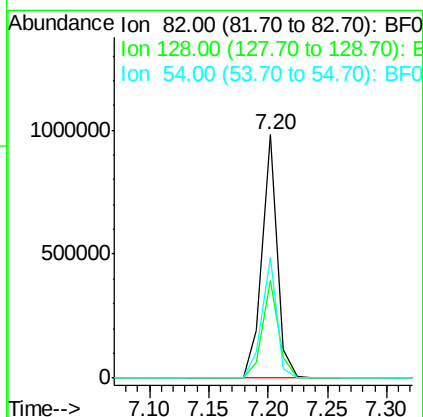
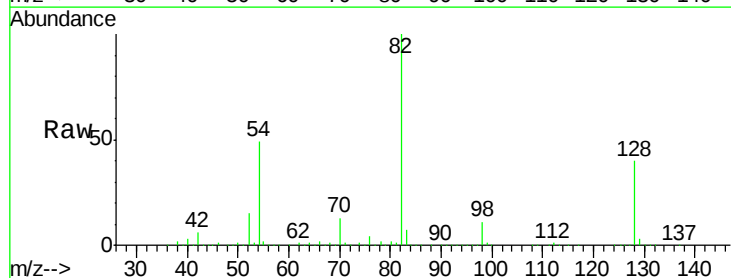
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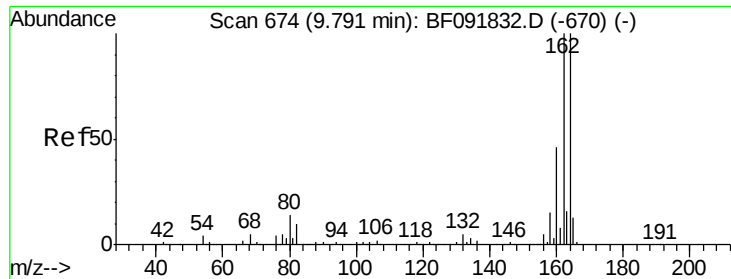
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#23
Nitrobenzene-d5
Concen: 73.85 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	893230		
128	40.0	34.6	52.0	
54	49.5	39.5	59.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

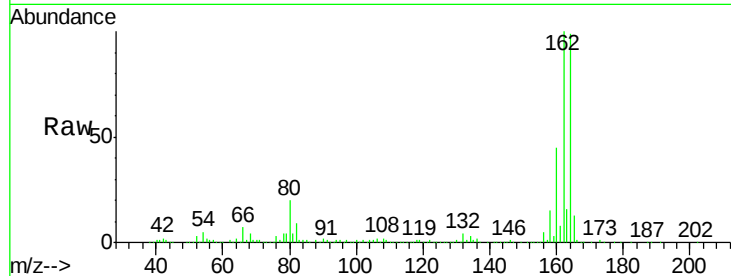
ClientSampleId :

P3-SP4

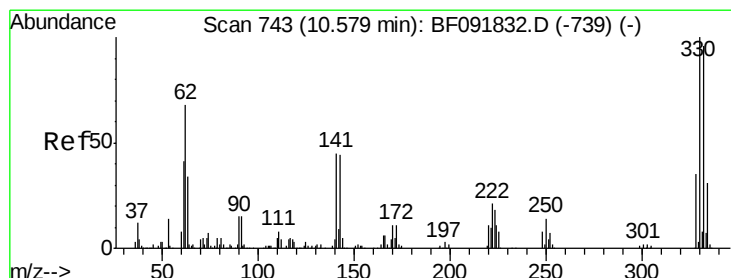
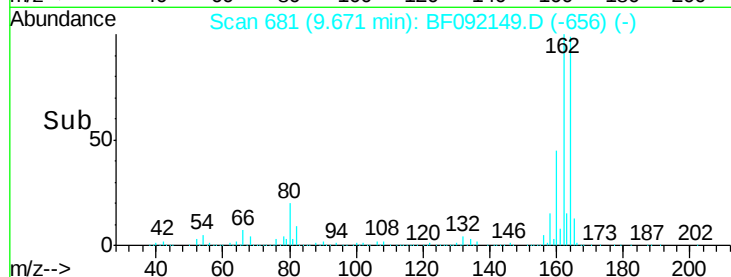
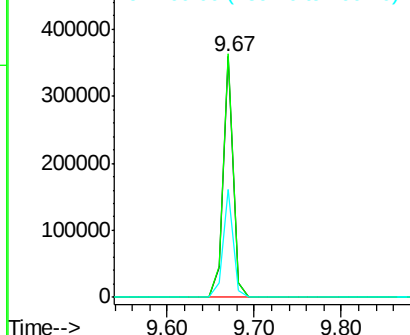
Tgt Ion:	164	Resp:	295703
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.2	120.2
160	45.1	36.9	55.3

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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: 47.82 ng

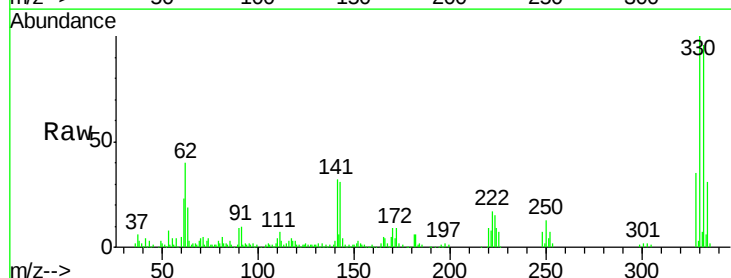
RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

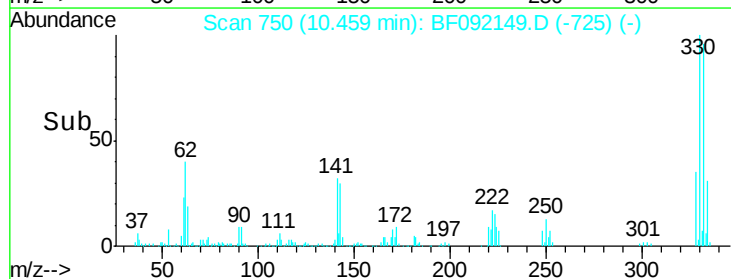
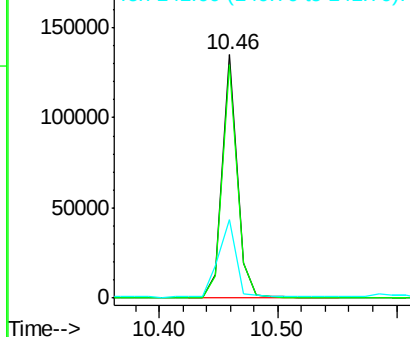
Lab File: BF092149.D

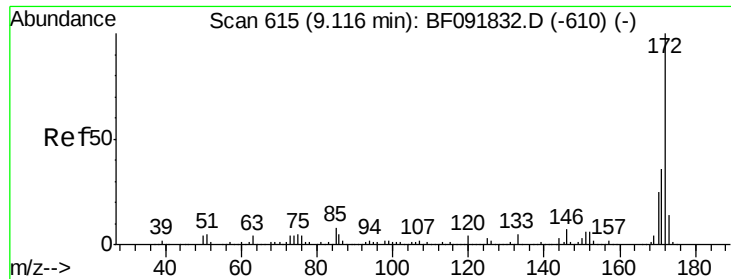
Acq: 9 Jan 2017 20:35

Tgt Ion:	330	Resp:	117024
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.4	116.2
141	38.9	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





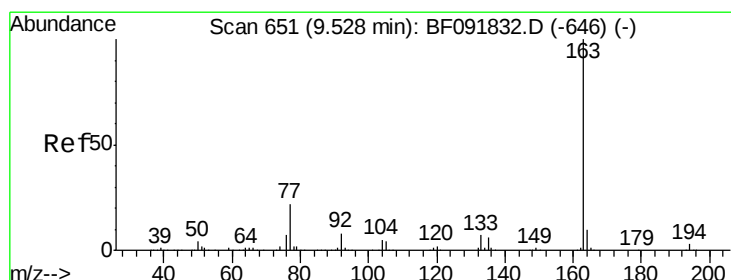
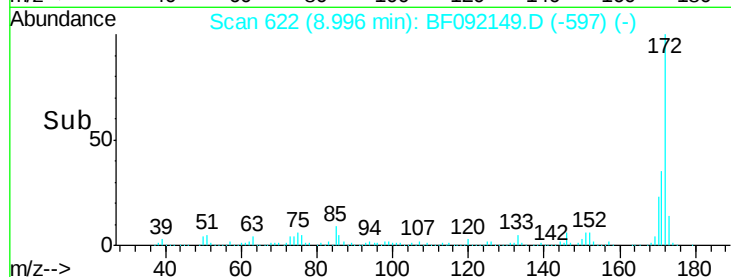
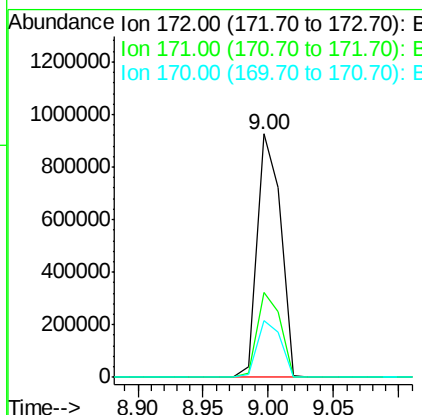
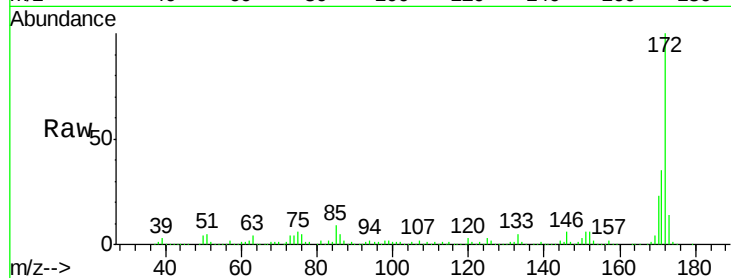
#44
2-Fluorobiphenyl
Concen: 80.19 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Tgt Ion:172 Resp: 1167804
Ion Ratio Lower Upper
172 100
171 34.9 29.4 44.0
170 23.3 20.2 30.4

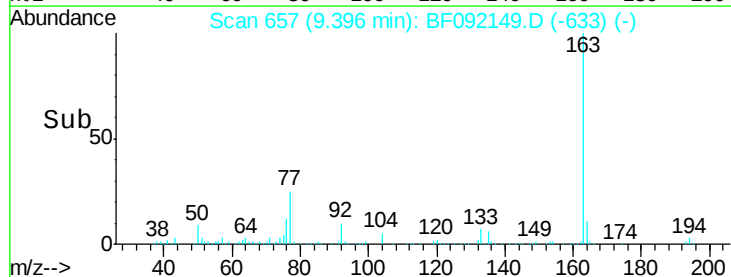
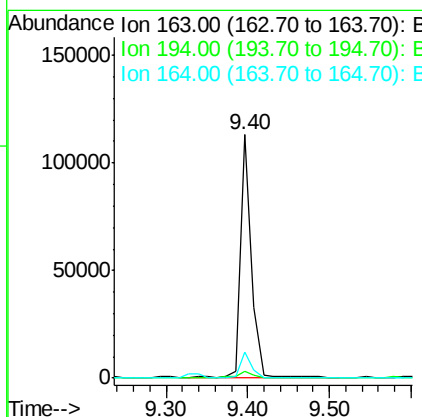
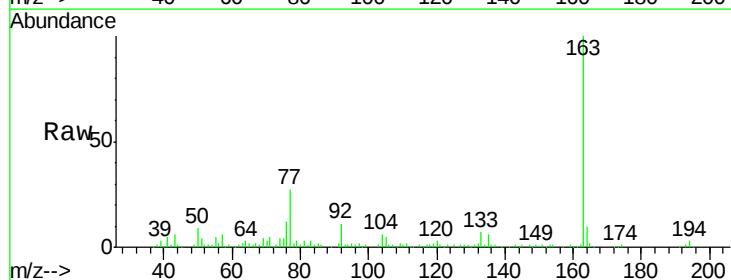
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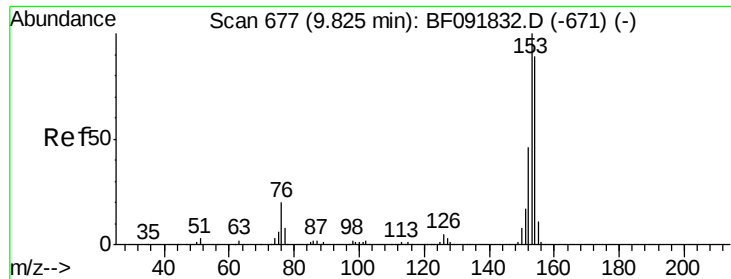
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#49
Dimethylphthalate
Concen: 5.70 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion:163 Resp: 107768
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4#
164 10.5 8.0 12.0





#51

Acenaphthene

Concen: 3.64 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

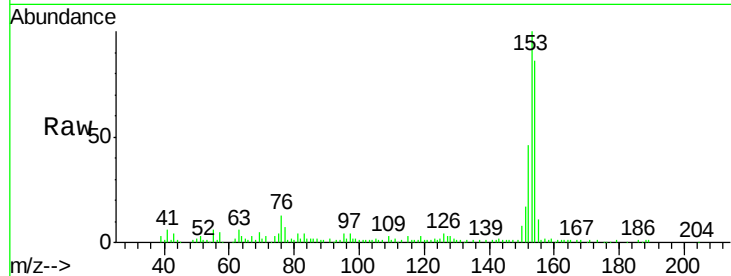
ClientSampleId :

P3-SP4

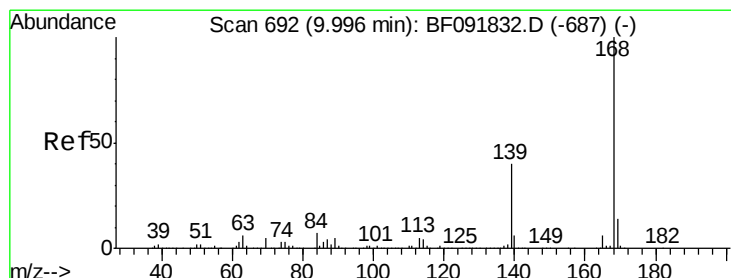
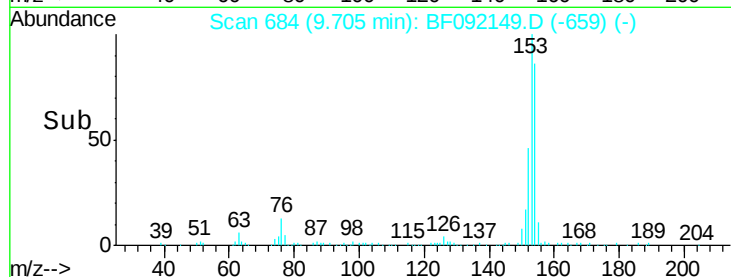
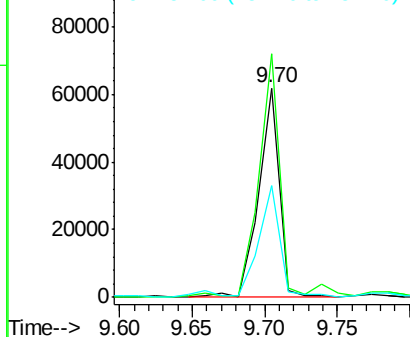
Tgt Ion:	154	Resp:	60794
Ion Ratio	Lower	Upper	
154	100		
153	116.3	88.6	133.0
152	53.3	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.34 ng

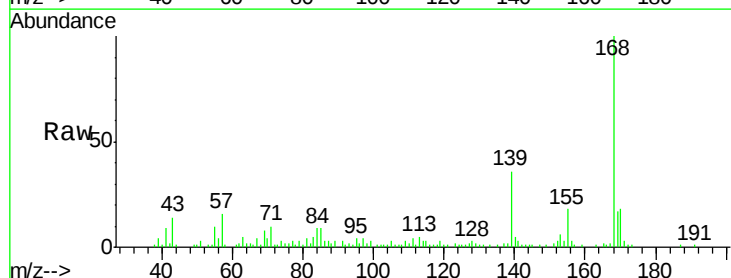
RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

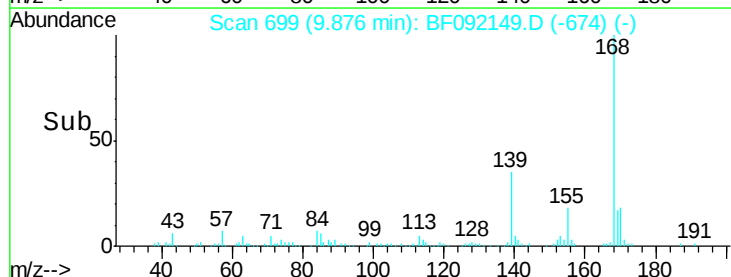
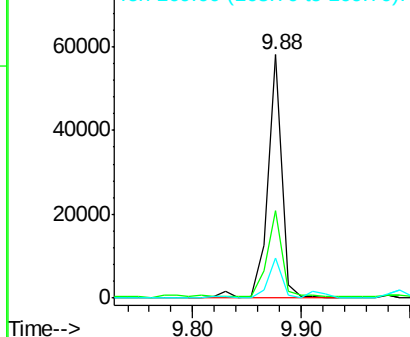
Lab File: BF092149.D

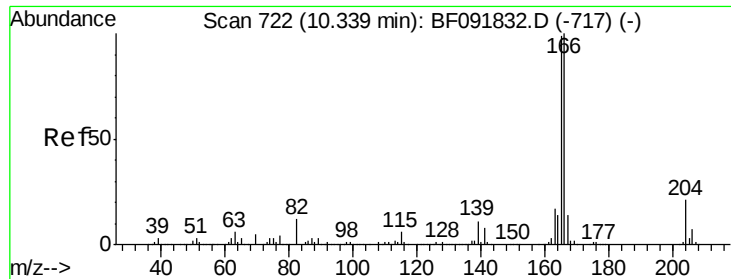
Acq: 9 Jan 2017 20:35

Tgt Ion:	168	Resp:	52753
Ion Ratio	Lower	Upper	
168	100		
139	36.0	32.6	49.0
169	16.7	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





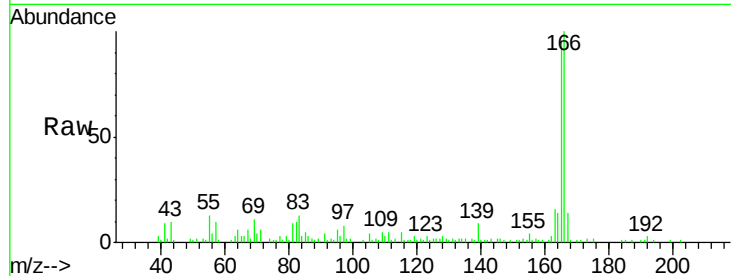
#57
Fluorene
 Concen: 3.28 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

Instrument :
 BNA_F
 ClientSampled :
 P3-SP4

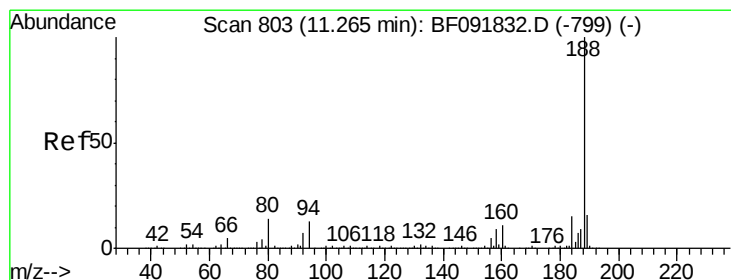
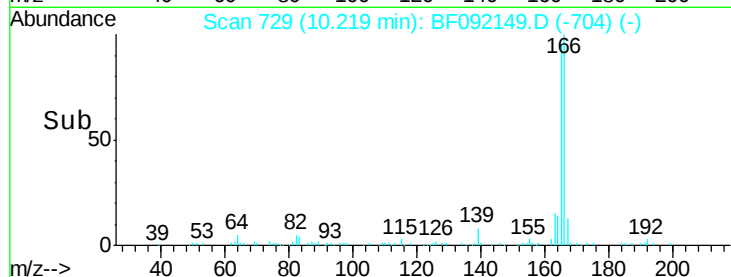
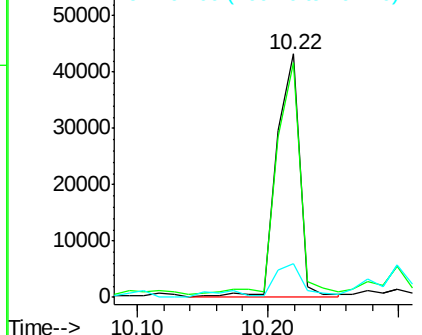
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.8	116.8
167	13.6	10.8	16.2

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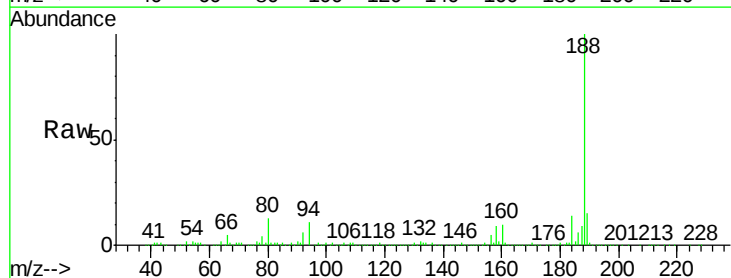


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

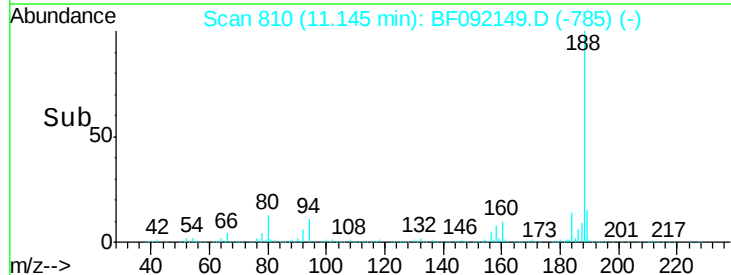
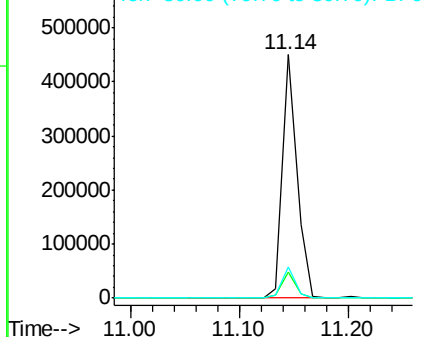


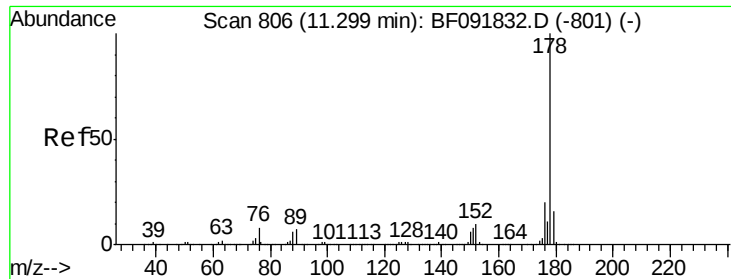
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	12.9	11.2	16.8



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





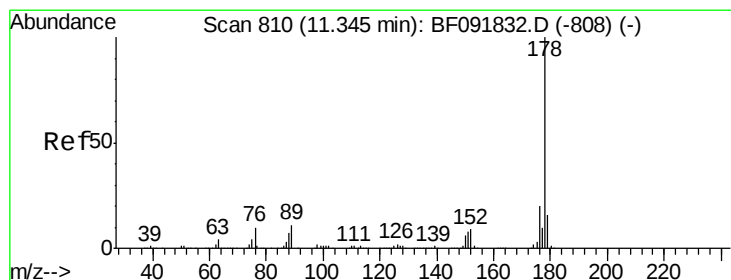
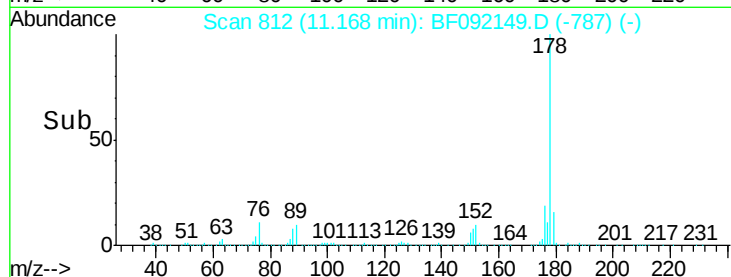
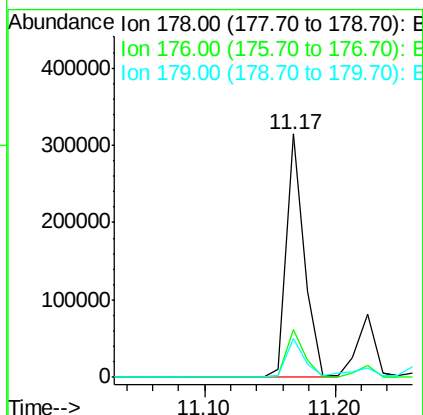
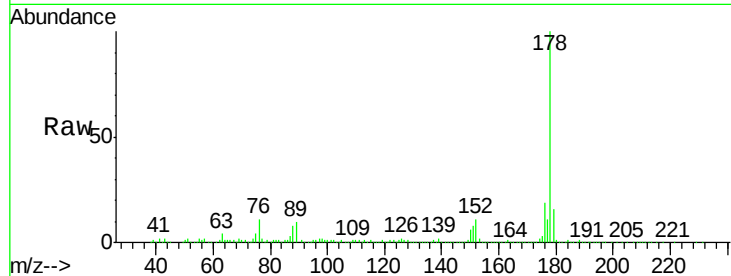
#70
Phenanthrene
Concen: 13.33 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.9	12.8	19.2

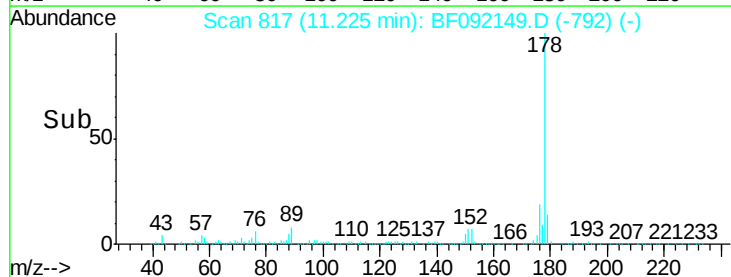
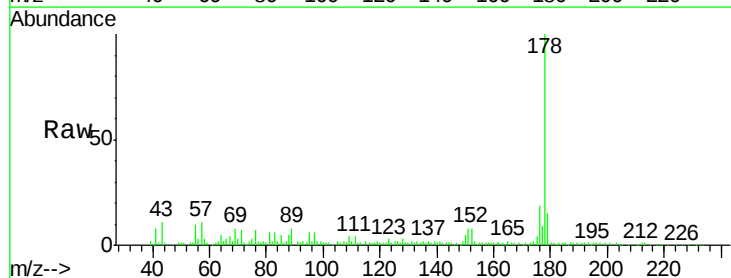
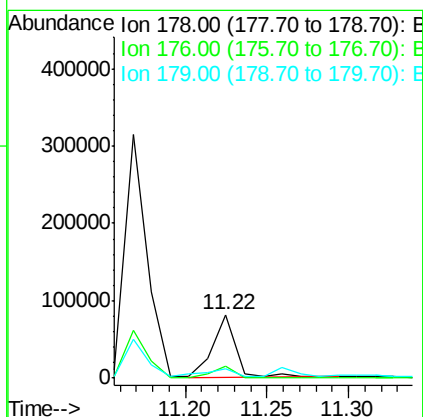
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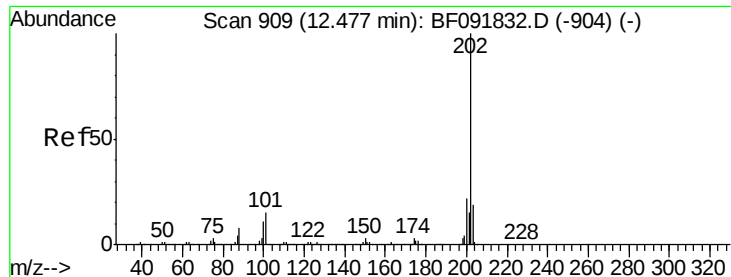
Sohil
1/10/2017 10:01:27 AM



#71
Anthracene
Concen: 2.44 ng
RT: 11.22 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	14.9	13.2	19.8





#74

Fluoranthene

Concen: 16.22 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

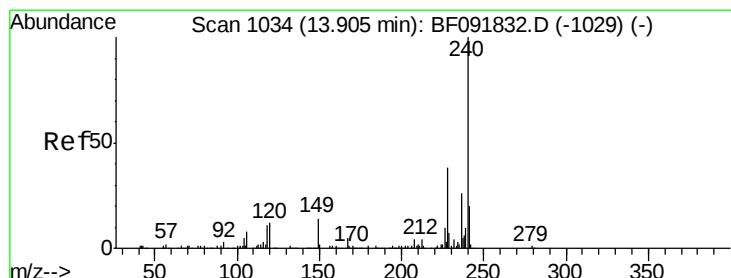
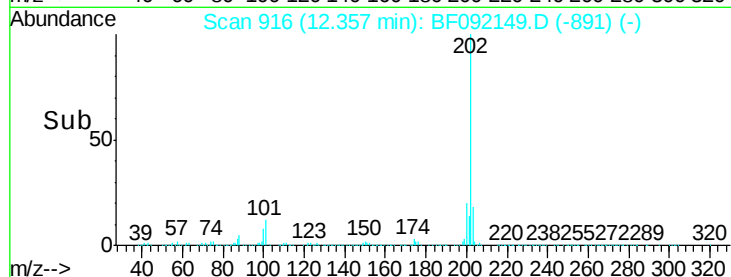
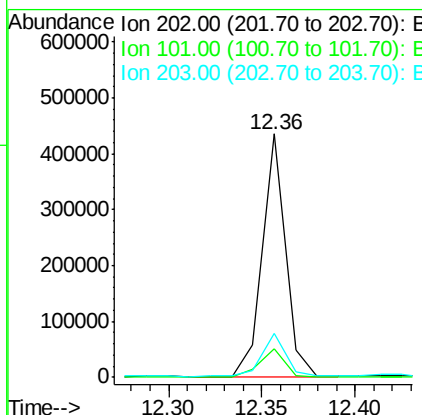
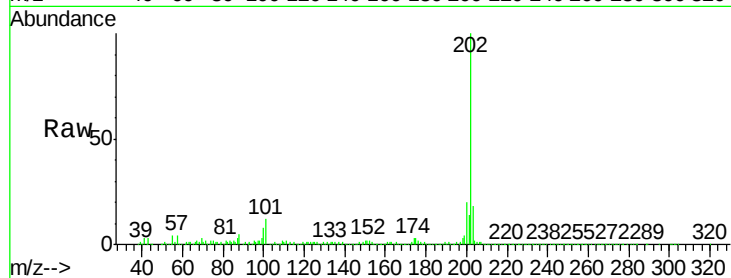
ClientSampled :

P3-SP4

Tgt Ion:	202	Resp:	371072
Ion Ratio		Lower	Upper
202	100		
101	11.7	0.0	34.6
203	17.9	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

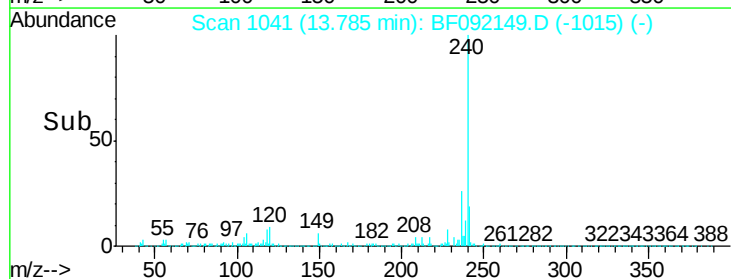
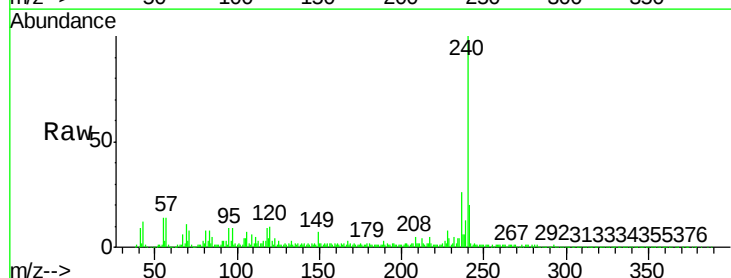
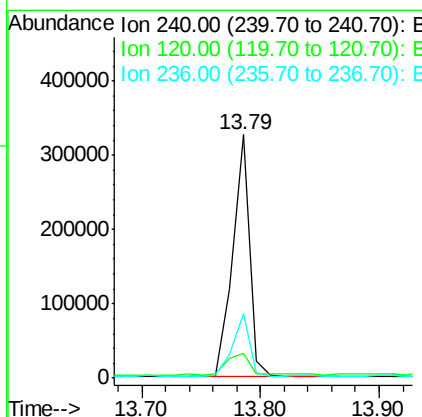
RT: 13.79 min Scan# 1041

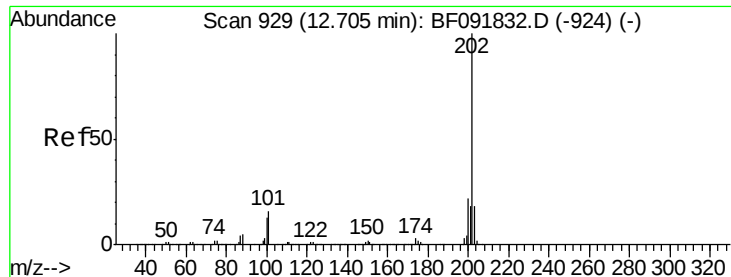
Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Tgt Ion:	240	Resp:	323918
Ion Ratio		Lower	Upper
240	100		
120	10.2	12.9	19.3#
236	26.4	20.9	31.3





#77

Pyrene

Concen: 13.90 ng

RT: 12.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

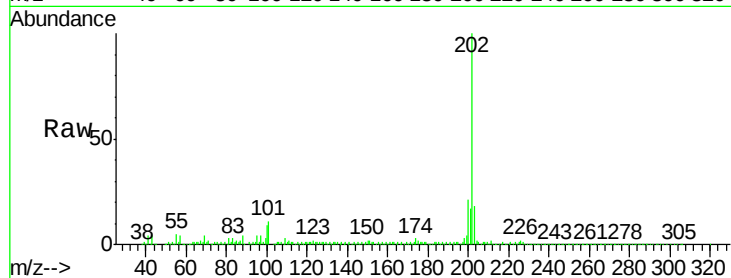
ClientSampleId :

P3-SP4

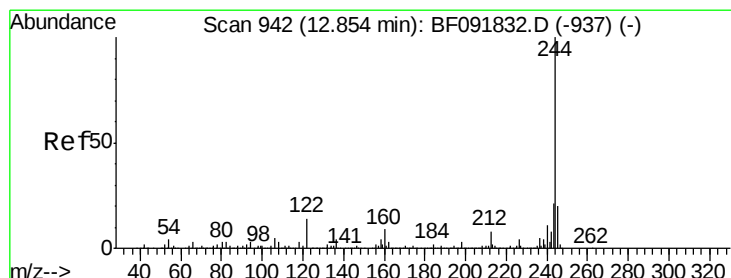
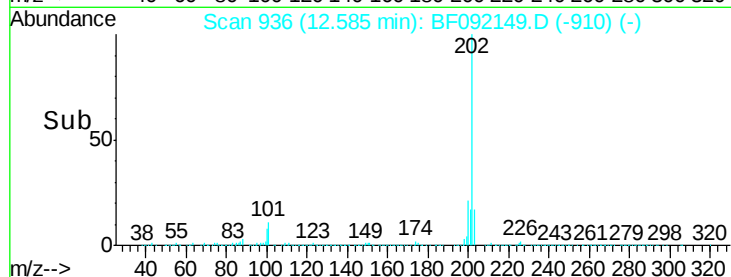
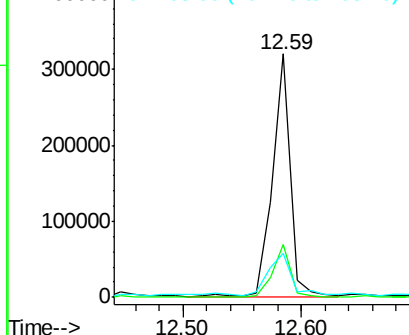
Tgt Ion:	202	Resp:	330258
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	18.1	14.7	22.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.40 ng

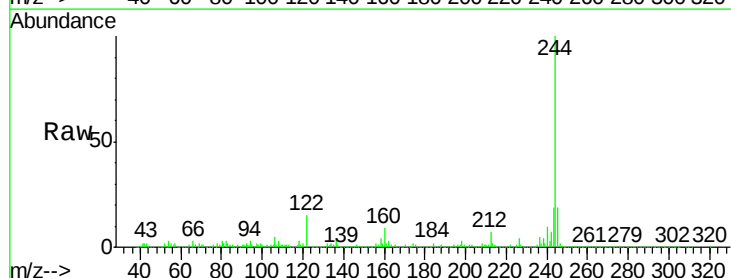
RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

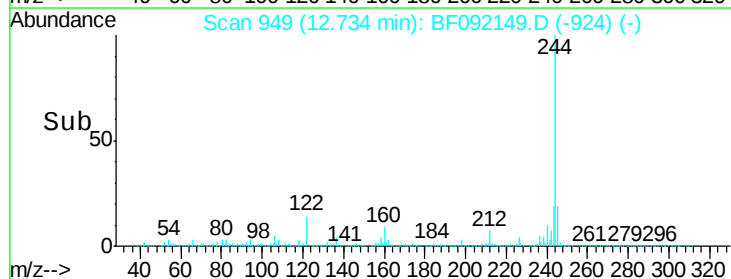
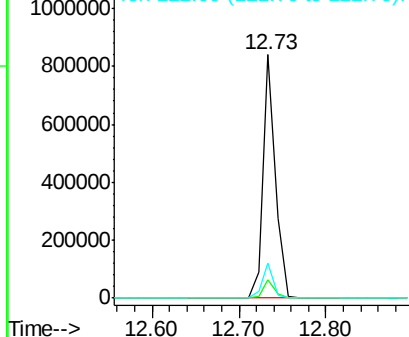
Lab File: BF092149.D

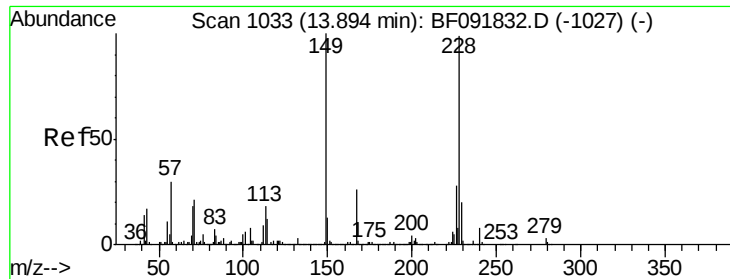
Acq: 9 Jan 2017 20:35

Tgt Ion:	244	Resp:	833448
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	14.5	11.4	17.2



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





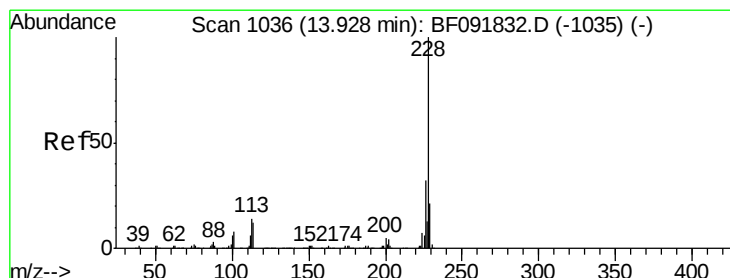
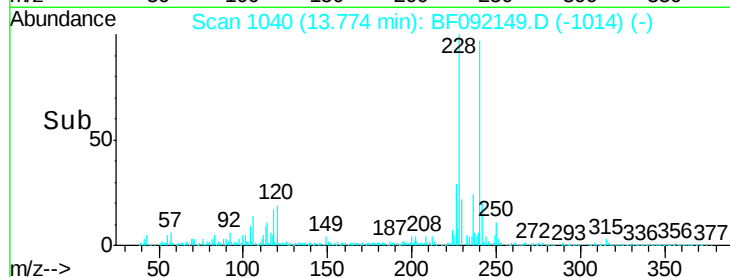
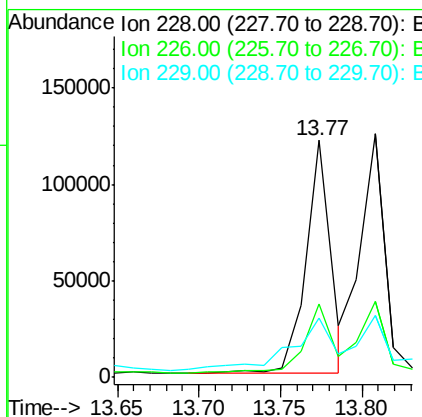
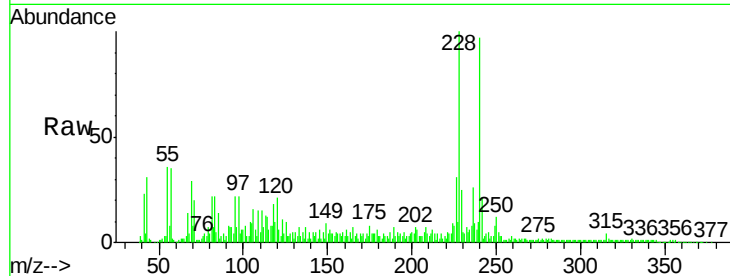
#80
Benzo(a)anthracene
Concen: 7.03 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.4	33.6
229	24.9	16.2	24.4

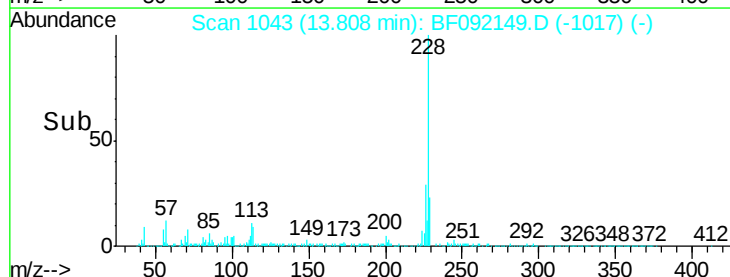
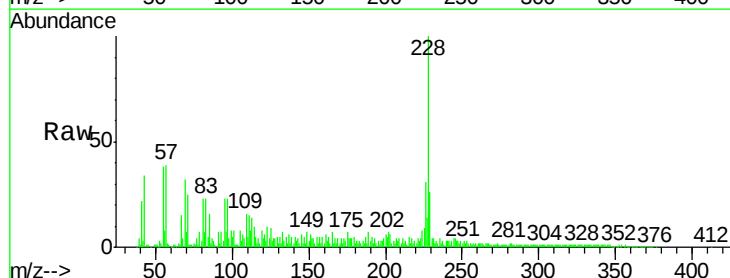
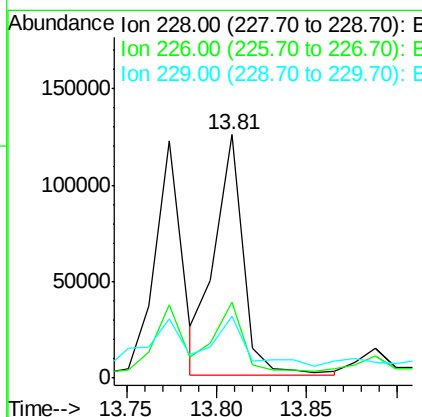
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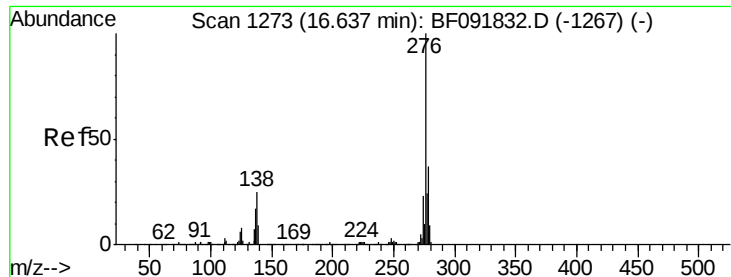
Sohil
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#82
Chrysene
Concen: 7.30 ng m
RT: 13.81 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	25.6	16.2	24.2





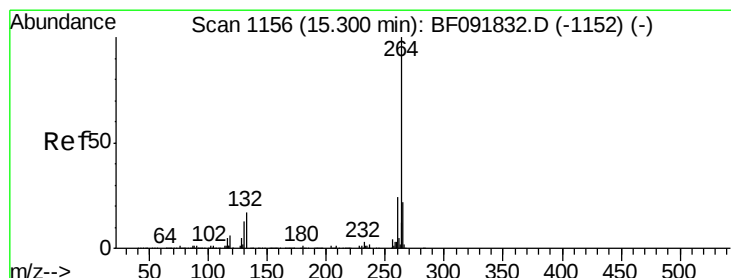
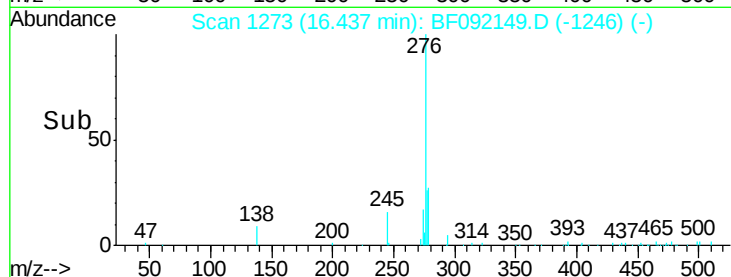
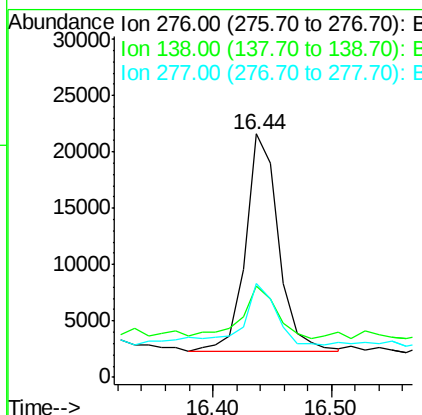
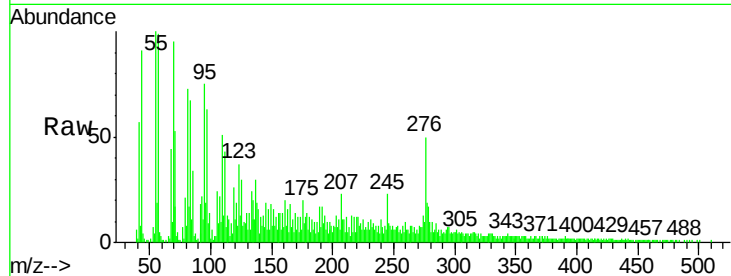
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.33 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampled :
P3-SP4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.8	32.6
277	31.9	20.2	30.4

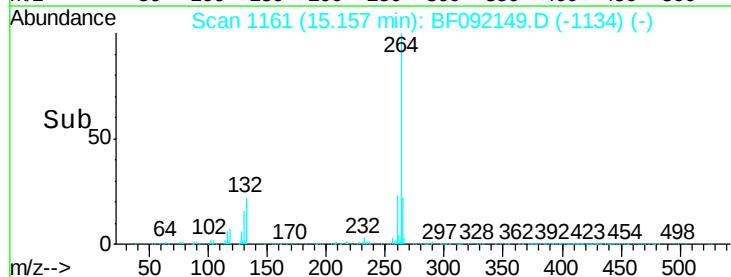
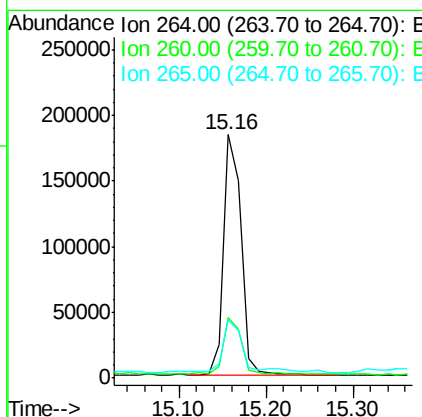
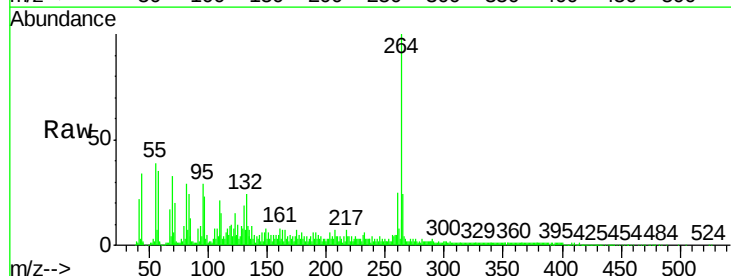
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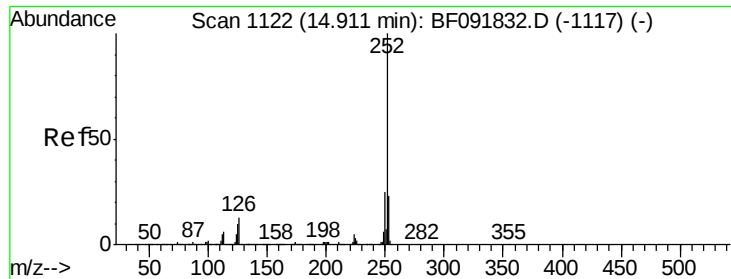
Sohil
1/10/2017 10:01:27 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.8	17.4	26.0





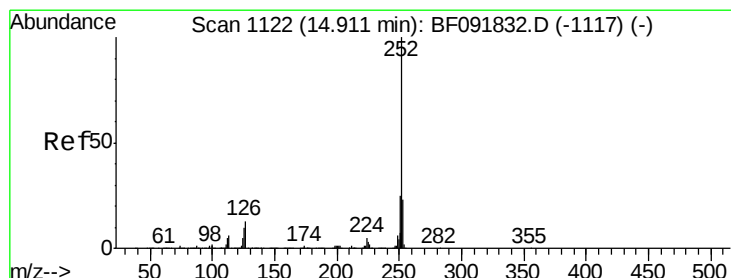
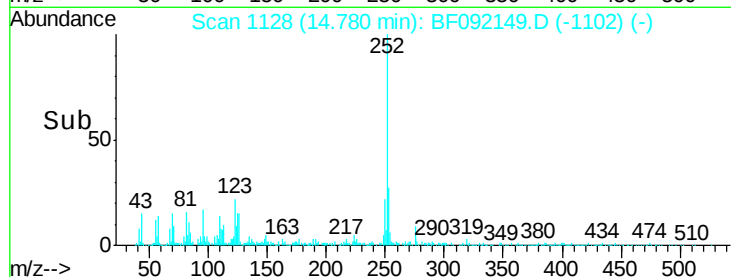
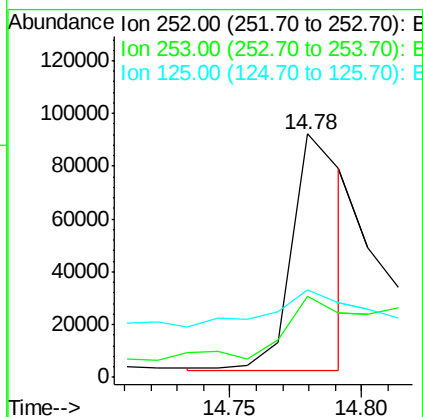
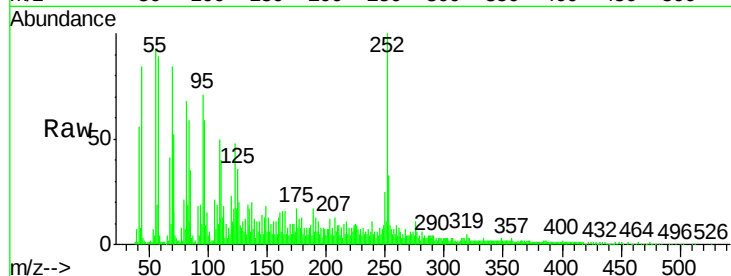
#87
Benzo(b)fluoranthene
Concen: 7.65 ng m
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.1	18.2	27.4#
125	35.8	9.8	14.6#

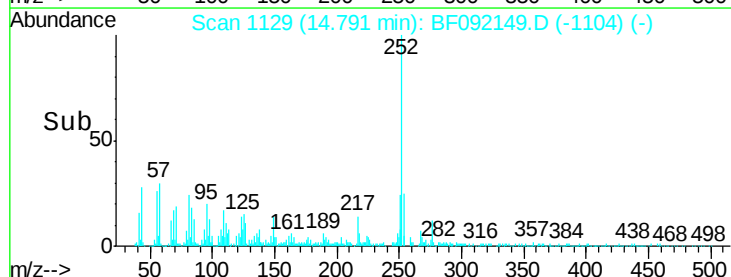
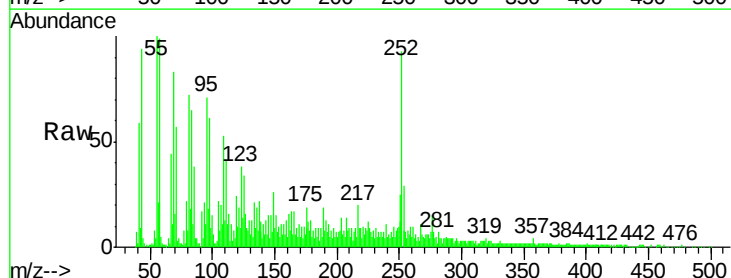
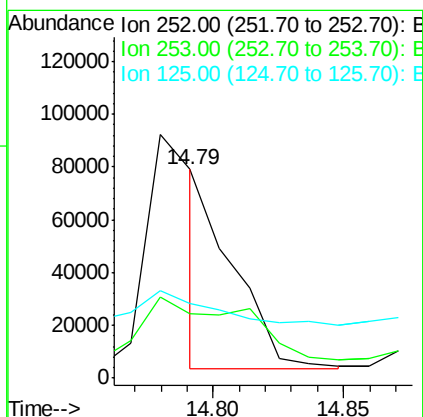
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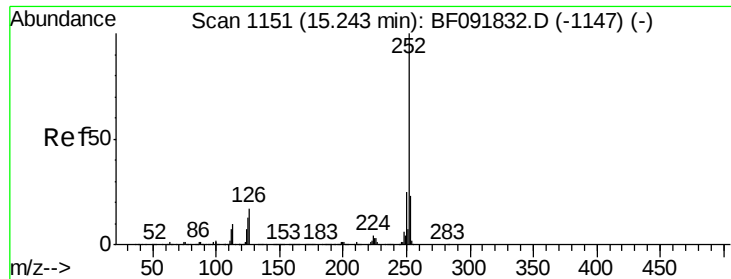
Sohil
1/10/2017 10:01:27 AM



#88
Benzo(k)fluoranthene
Concen: 4.10 ng m
RT: 14.79 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	18.5	27.7#
125	36.0	8.9	13.3#





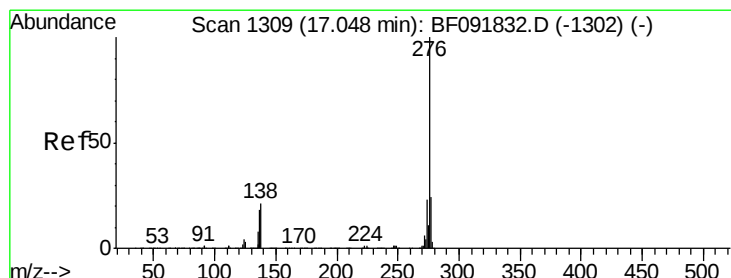
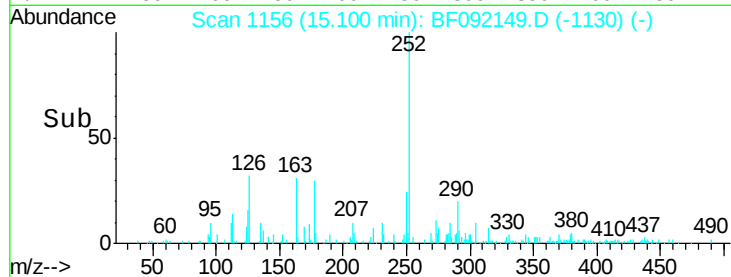
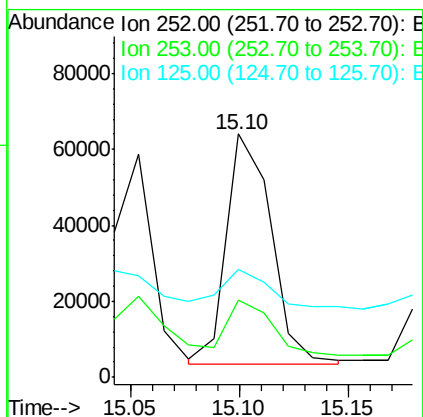
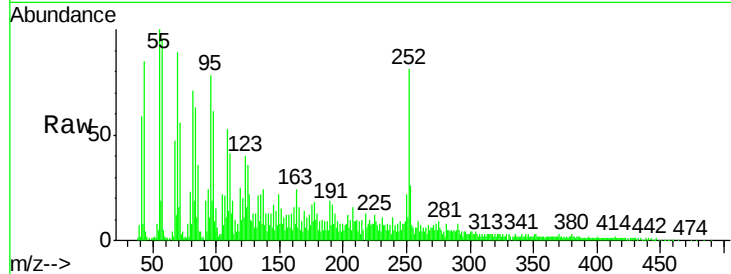
#89
Benzo(a)pyrene
Concen: 6.06 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampled :
P3-SP4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.8	18.2	27.2#
125	44.4	10.0	15.0#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.36 ng
RT: 16.83 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	38.7	19.2	28.8#
138	36.7	16.0	24.0#

