

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092156.D
 Acq On : 9 Jan 2017 23:43
 Operator : UM/SJ
 Sample : I1045-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP1

Manual Integrations
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Sohil
 1/10/2017 10:01:41 AM

Quant Time: Jan 10 03:38:42 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	6.64	152	143855	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	515794	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	239498	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	405071	20.00	ng	0.00
75) Chrysene-d12	13.80	240	247544	20.00	ng	0.01
86) Perylene-d12	15.17	264	176748	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	222307	25.80	ng	0.01
7) Phenol-d6	6.32	99	409334	38.92	ng	0.01
23) Nitrobenzene-d5	7.20	82	230424	24.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	25926	13.08	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	419211	27.07	ng	0.00
78) Terphenyl-d14	12.74	244	327892	32.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.33	94	25321	2.11	ng	78
49) Dimethylphthalate	9.41	163	62427	4.08	ng	99
70) Phenanthrene	11.18	178	120326	5.48	ng	96
77) Pyrene	12.60	202	91923	5.06	ng	97
80) Benzo(a)anthracene	13.79	228	29941	2.14	ng	# 78
82) Chrysene	13.82	228	32289m	2.30	ng	

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

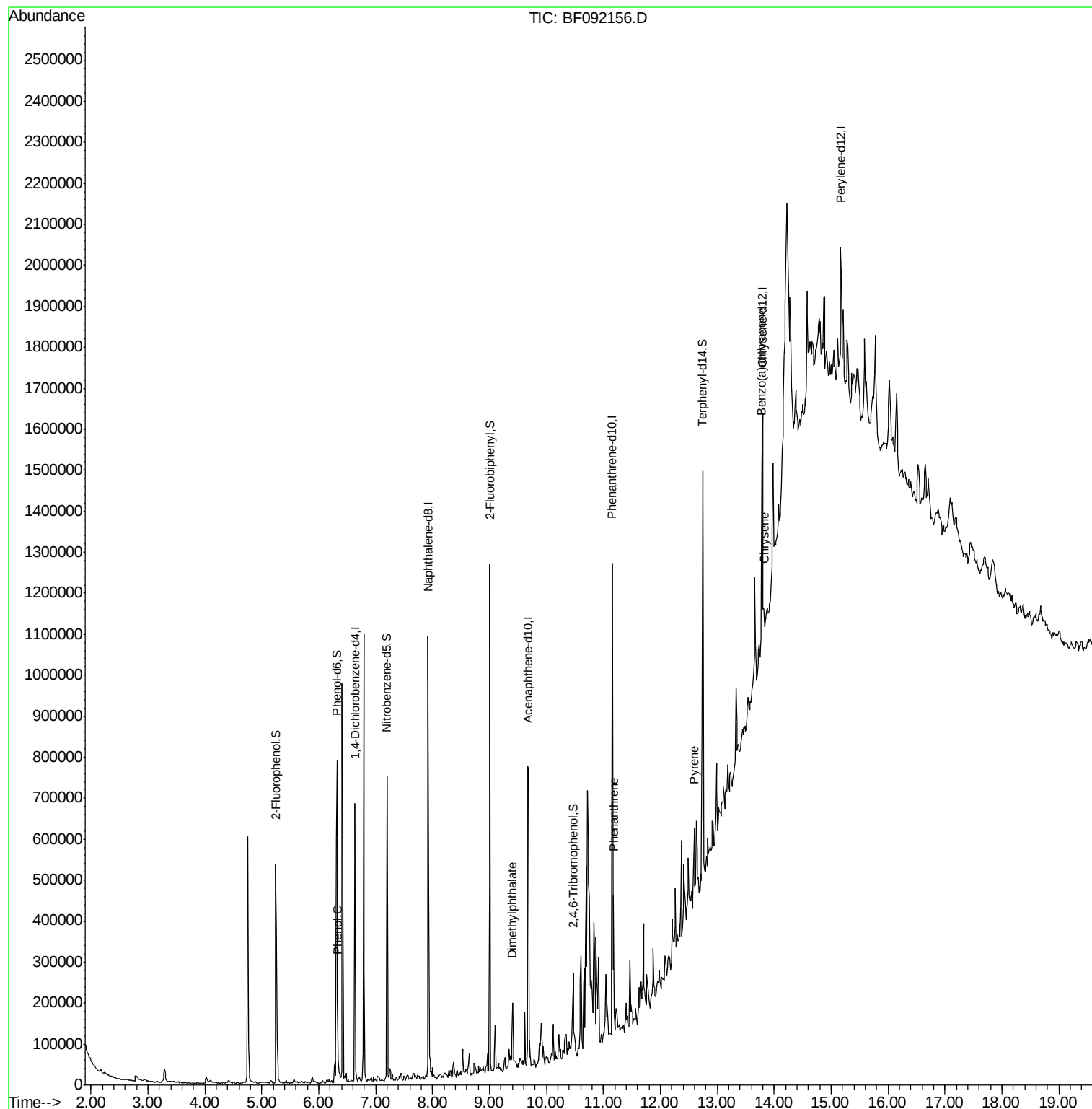
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092156.D
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ALS Vial : 22 Sample Multiplier: 1

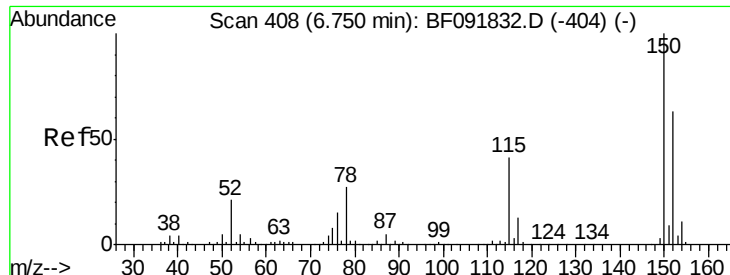
Instrument :
BNA_F
ClientSampleId :
P3-SP1

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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: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

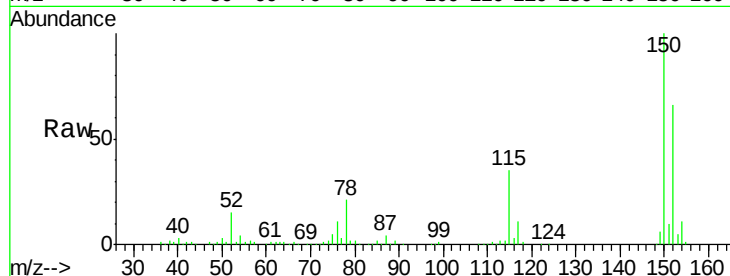
ClientSampled :

P3-SP1

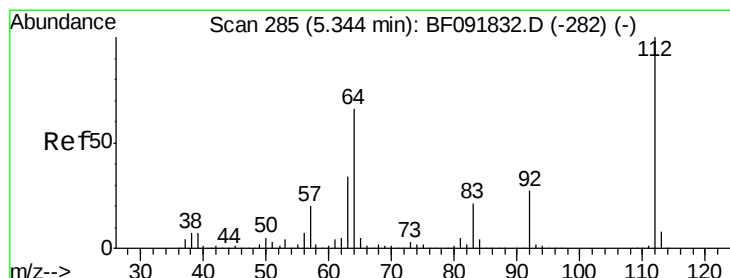
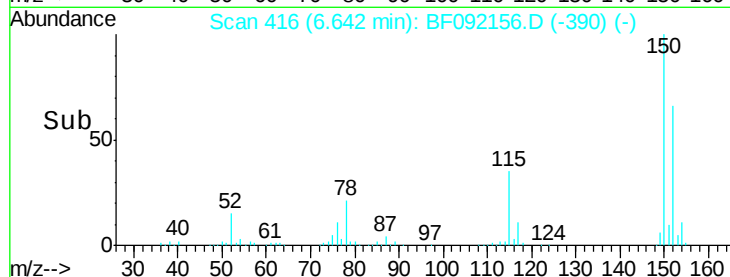
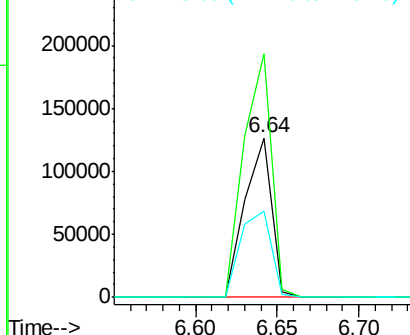
Tgt Ion:	152	Resp:	143855
Ion Ratio	Lower	Upper	
152	100		
150	152.6	124.9	187.3
115	54.2	46.0	69.0

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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: 25.80 ng

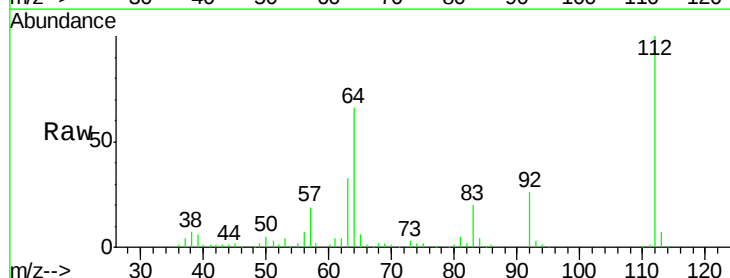
RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

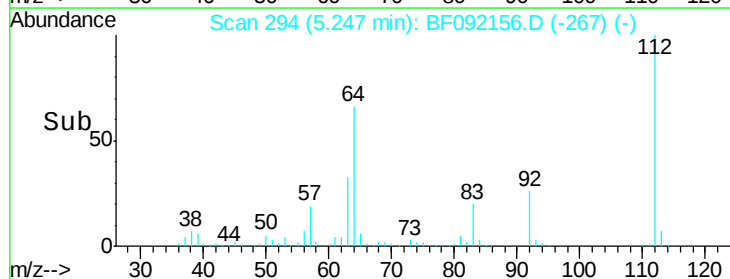
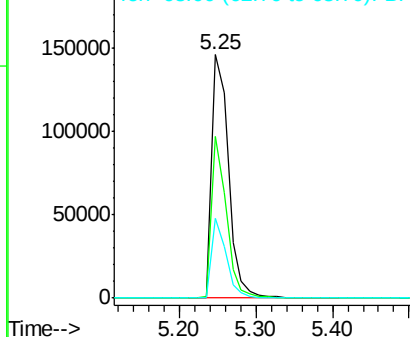
Lab File: BF092156.D

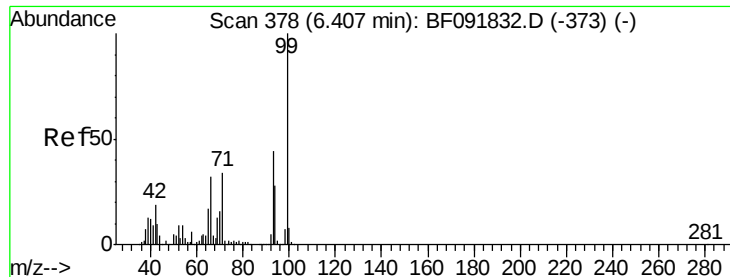
Acq: 9 Jan 2017 23:43

Tgt Ion:	112	Resp:	222307
Ion Ratio	Lower	Upper	
112	100		
64	66.4	46.1	69.1
63	32.9	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: 38.92 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

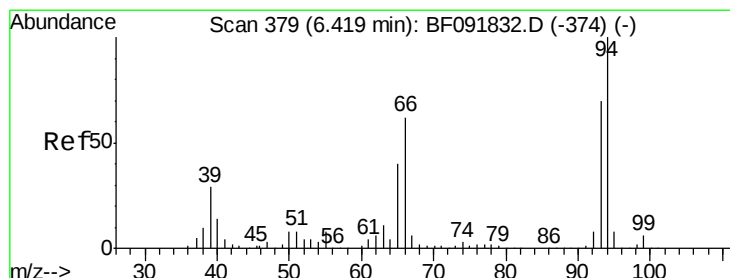
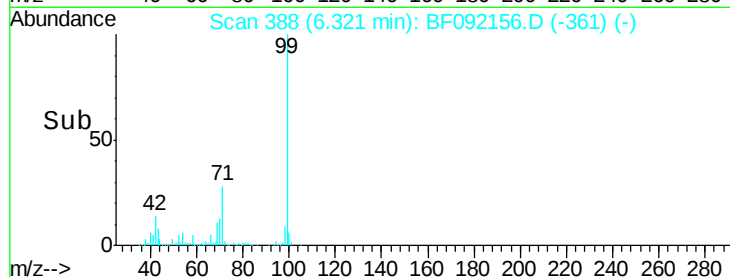
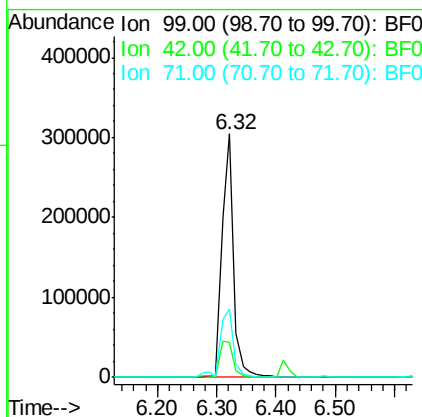
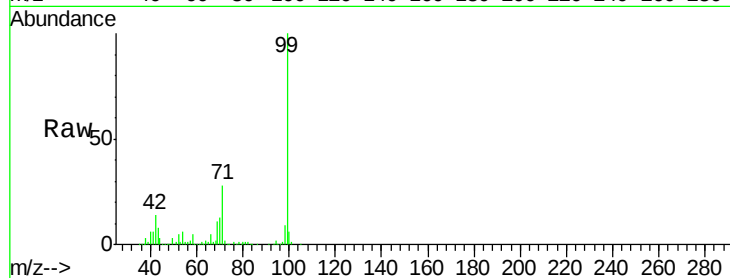
ClientSampleId :

P3-SP1

Tgt Ion:	99	Resp:	409334
Ion Ratio	Lower	Upper	
99	100		
42	14.4	15.6	23.4#
71	28.3	27.5	41.3

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#10

Phenol

Concen: 2.11 ng

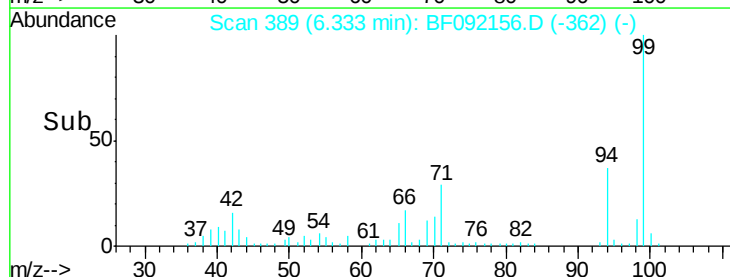
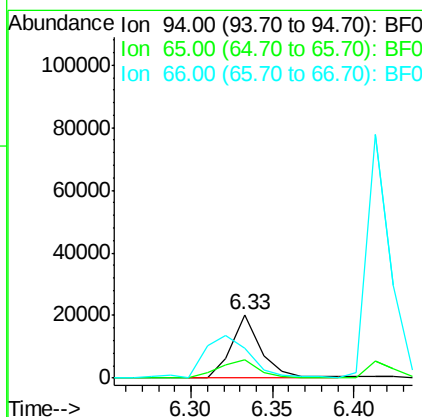
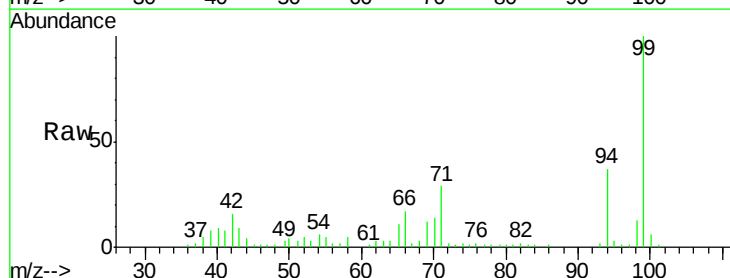
RT: 6.33 min Scan# 389

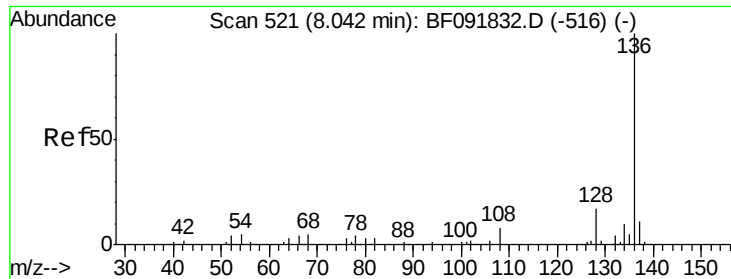
Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Tgt Ion:	94	Resp:	25321
Ion Ratio	Lower	Upper	
94	100		
65	29.0	21.4	61.4
66	46.3	44.0	84.0





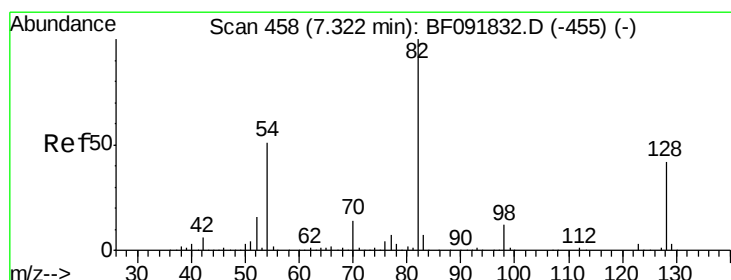
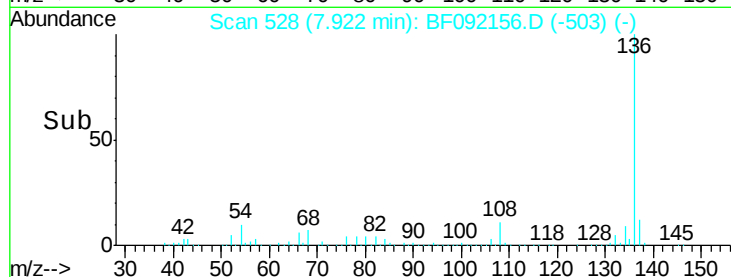
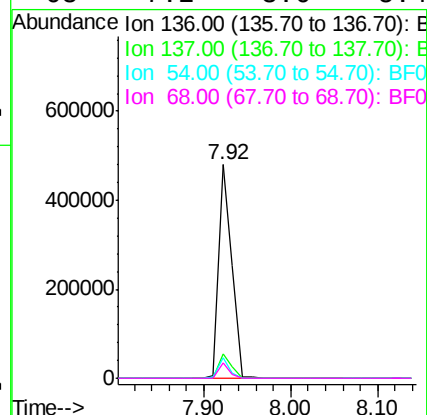
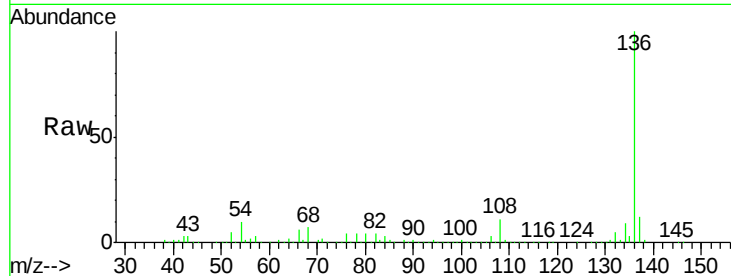
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	515794		
137	11.6	8.4	12.6	
54	9.8	4.5	6.7	
68	7.2	3.6	5.4	

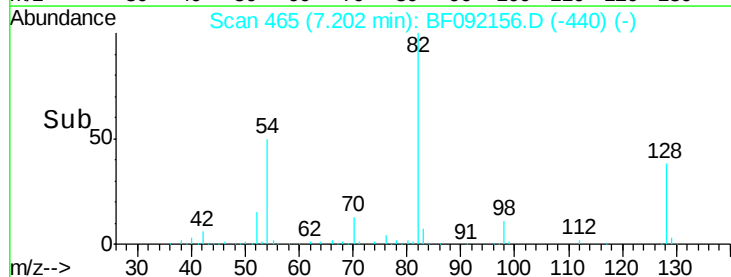
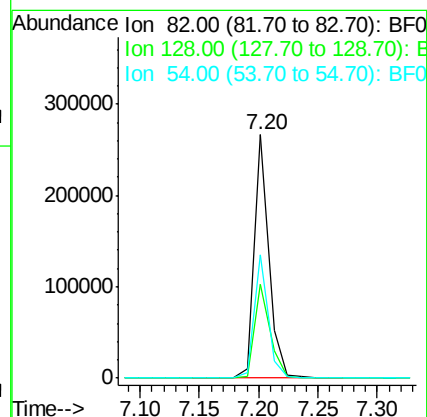
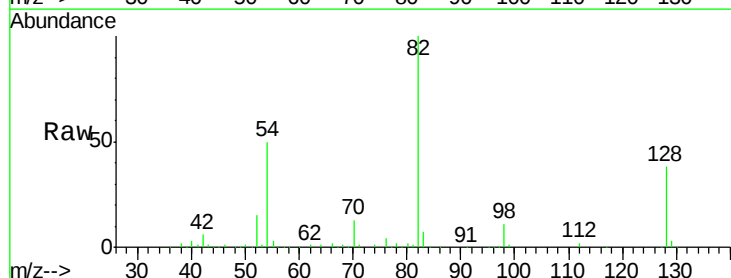
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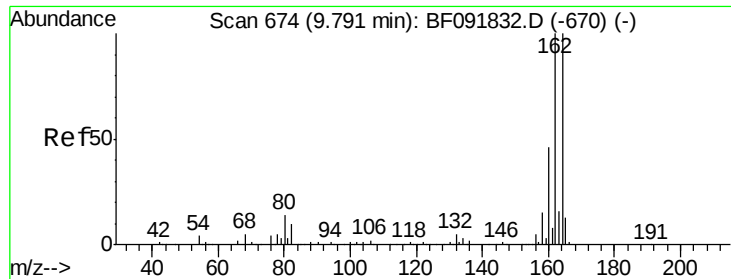
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#23
Nitrobenzene-d5
Concen: 24.84 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	230424		
128	38.5	34.6	52.0	
54	50.5	39.5	59.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

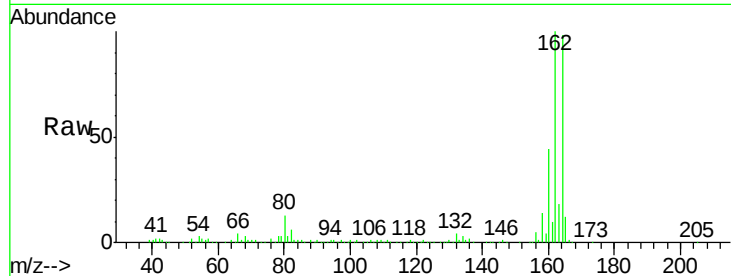
ClientSampled :

P3-SP1

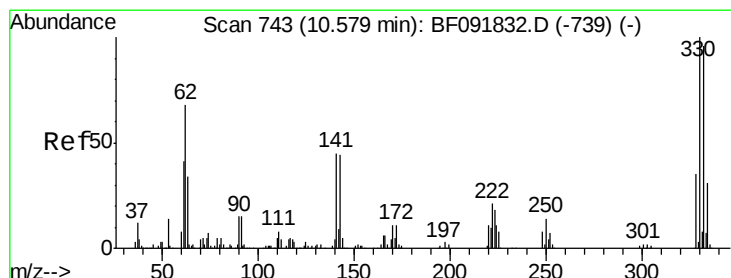
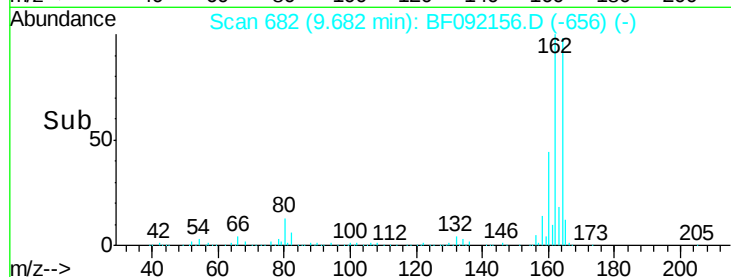
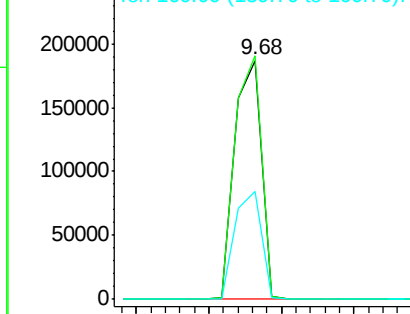
Tgt Ion:	164	Resp:	239498
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.2	120.2
160	45.3	36.9	55.3

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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: 13.08 ng

RT: 10.47 min Scan# 751

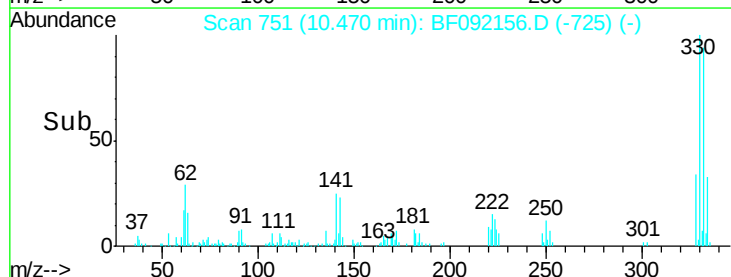
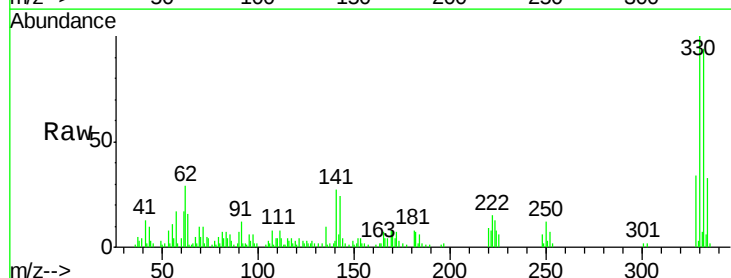
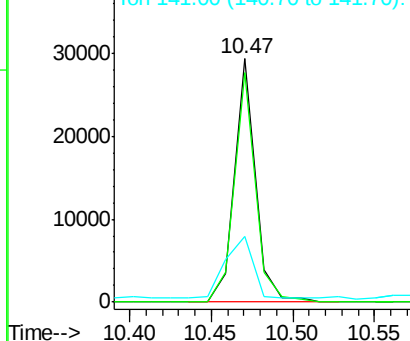
Delta R.T. 0.00 min

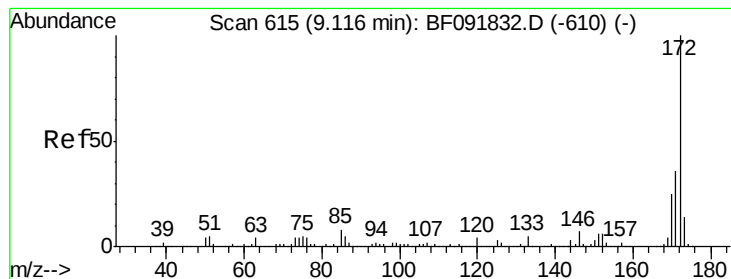
Lab File: BF092156.D

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Tgt Ion:	330	Resp:	25926
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.4	116.2
141	36.7	34.1	51.1

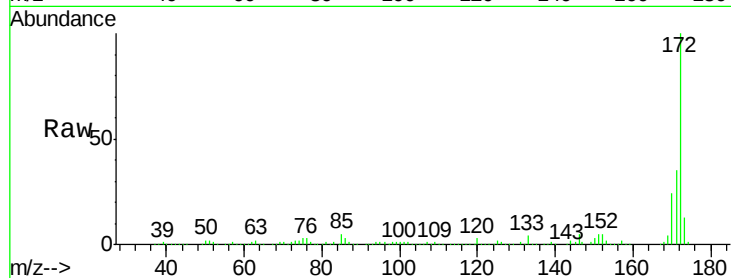
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44
2-Fluorobiphenyl
Concen: 27.07 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

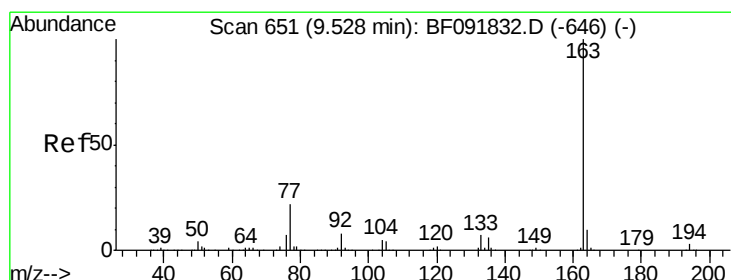
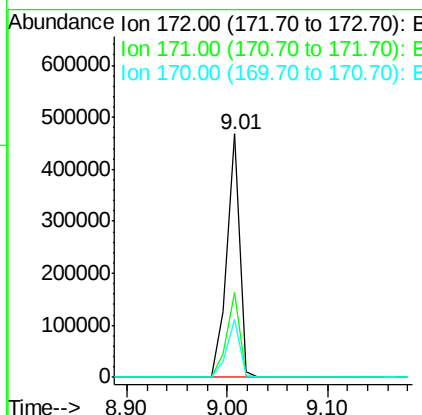
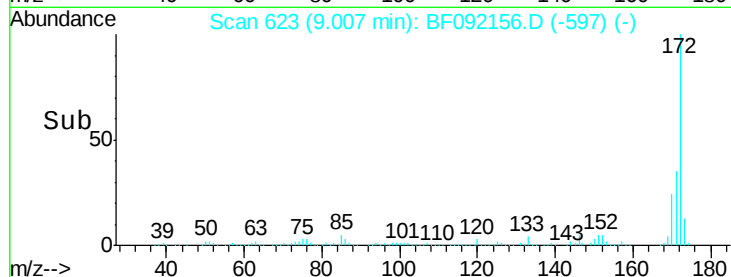
Instrument :
BNA_F
ClientSampleId :
P3-SP1



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	419211		
171	34.8	29.4	44.0	
170	23.6	20.2	30.4	

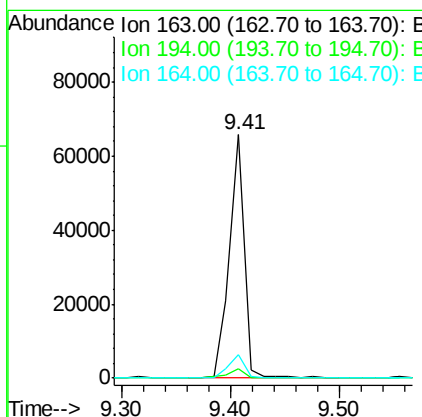
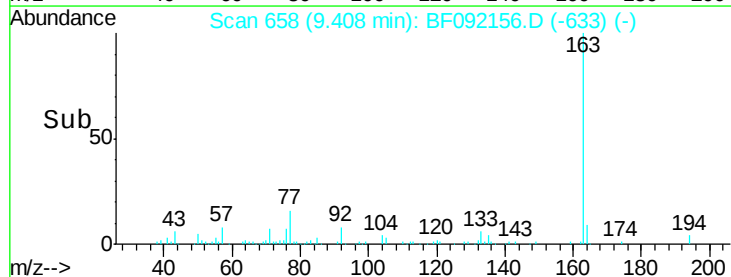
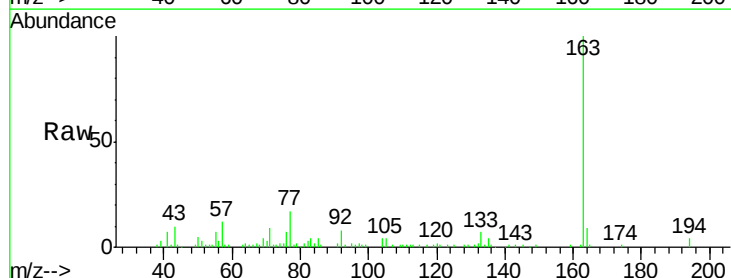
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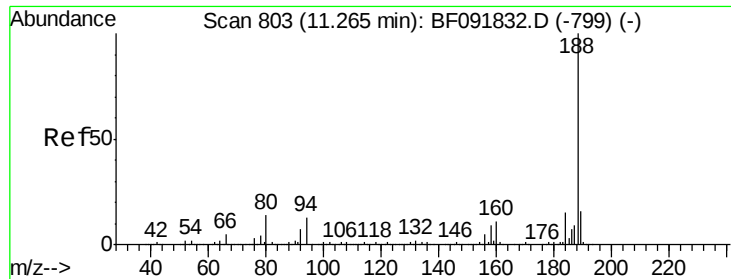
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#49
Dimethylphthalate
Concen: 4.08 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	62427		
194	3.8	3.0	4.4	
164	9.5	8.0	12.0	





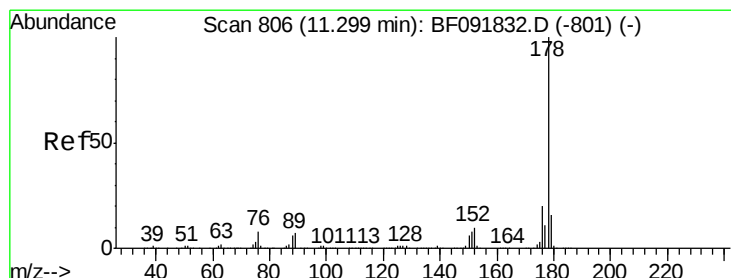
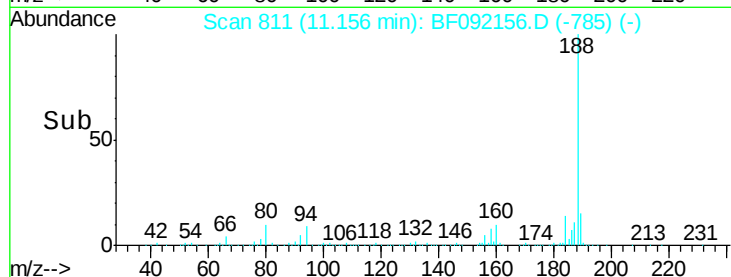
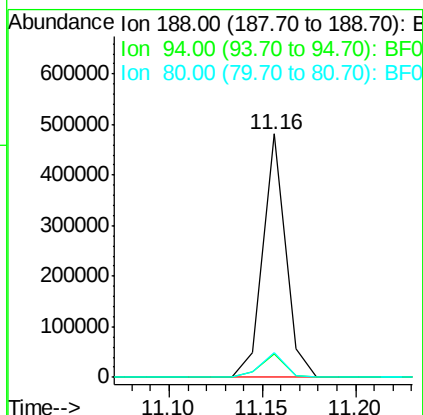
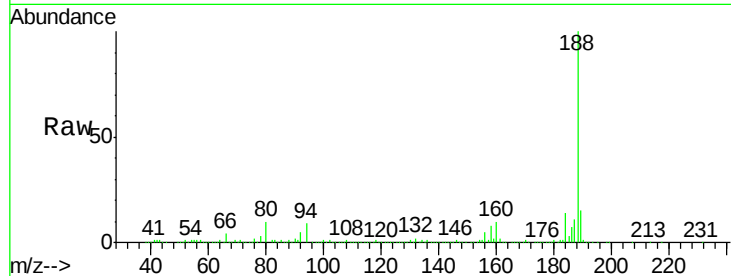
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Instrument :
BNA_F
ClientSampleId :
P3-SP1

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	405071		
94	9.4	10.0	15.0#	
80	10.2	11.2	16.8#	

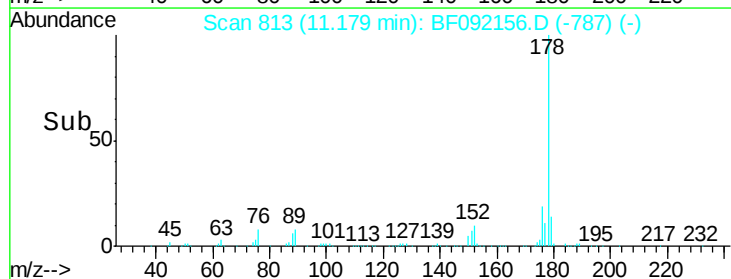
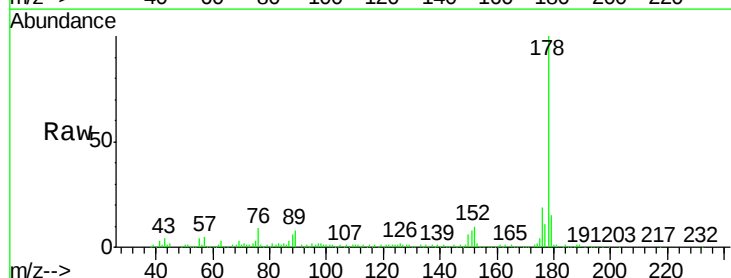
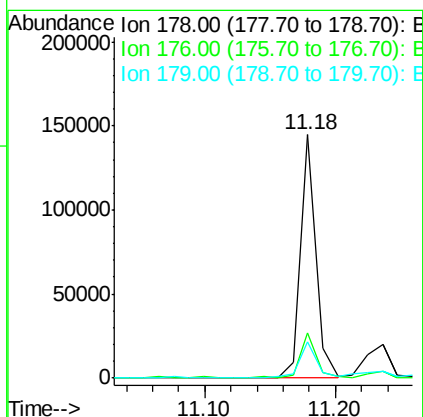
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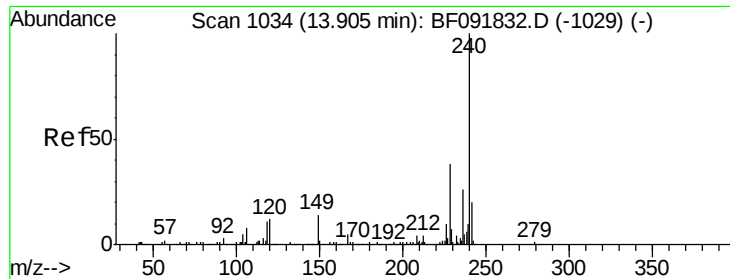
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#70
Phenanthrene
Concen: 5.48 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092156.D
Acq: 9 Jan 2017 23:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	120326		
176	18.8	16.6	25.0	
179	14.9	12.8	19.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

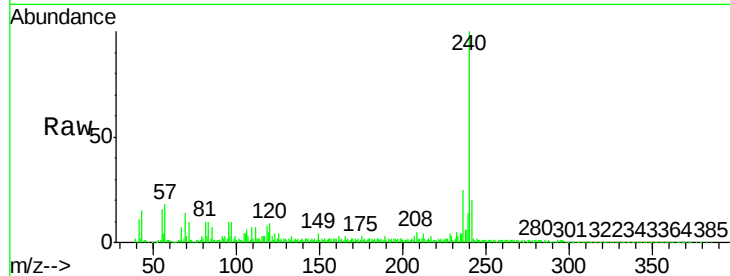
ClientSampleId :

P3-SP1

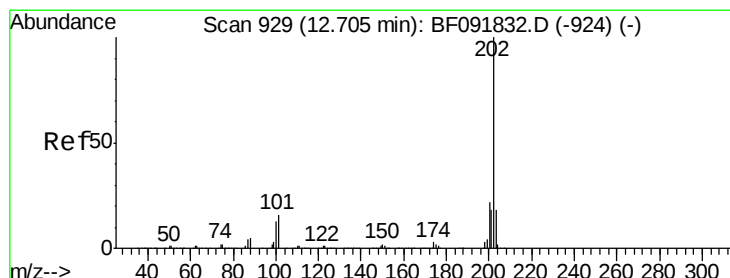
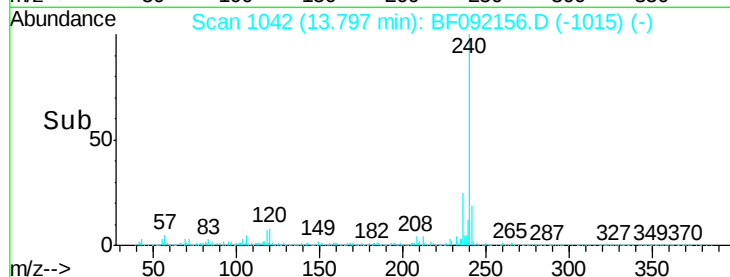
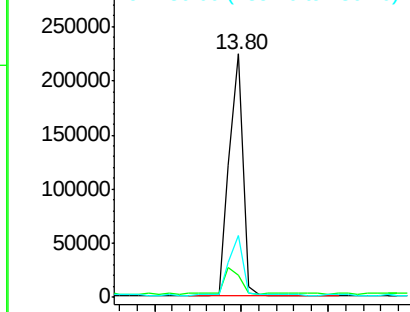
Tgt Ion:	240	Resp:	247544
Ion Ratio	Lower	Upper	
240	100		
120	9.4	12.9	19.3#
236	25.4	20.9	31.3

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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: 5.06 ng

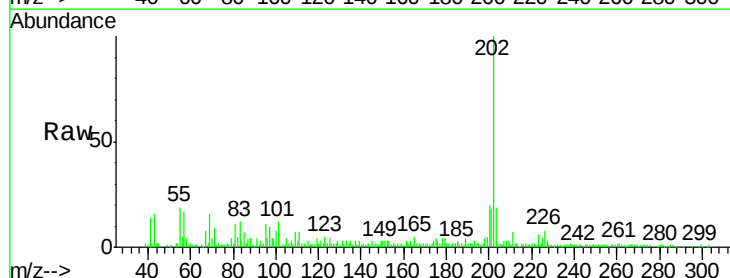
RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

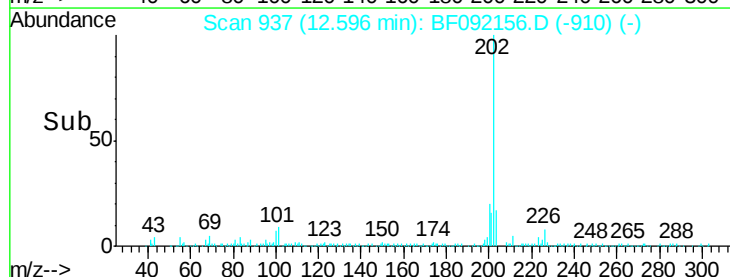
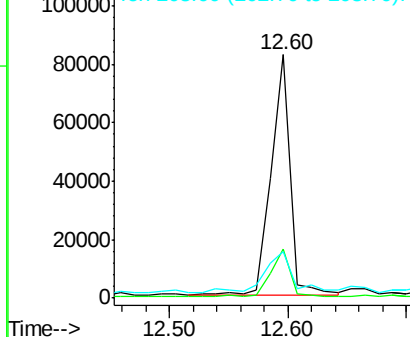
Lab File: BF092156.D

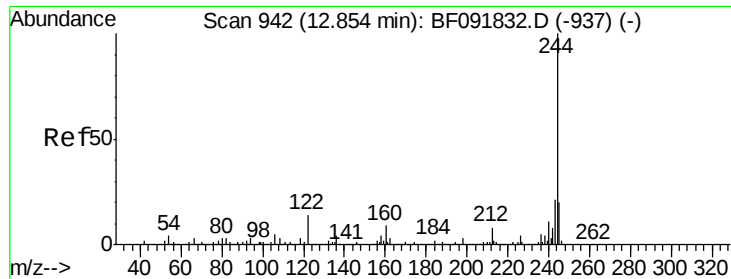
Acq: 9 Jan 2017 23:43

Tgt Ion:	202	Resp:	91923
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.7	26.5
203	19.2	14.7	22.1



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





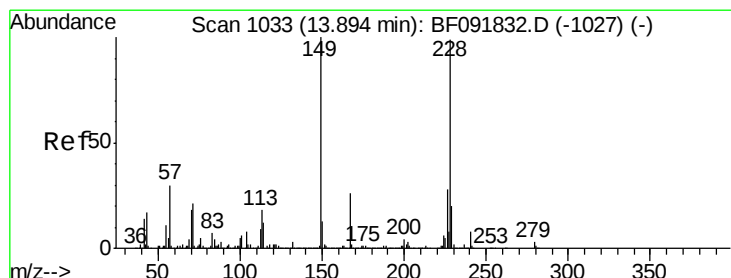
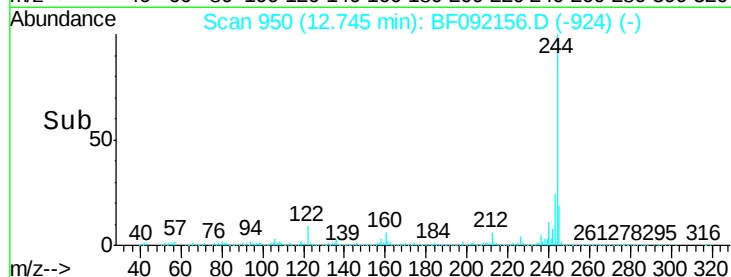
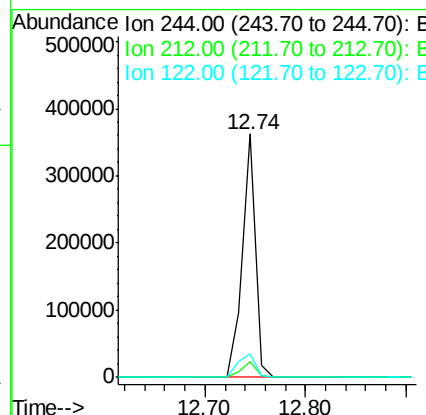
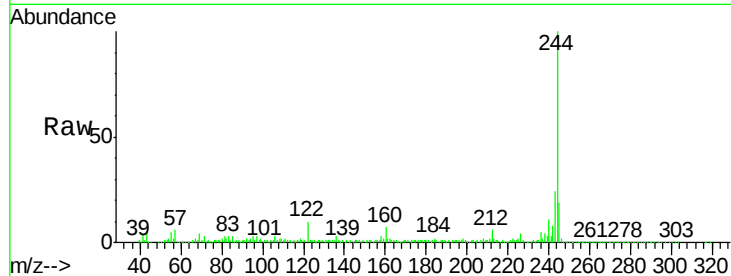
#78
 Terphenyl-d14
 Concen: 32.12 ng
 RT: 12.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092156.D
 Acq: 9 Jan 2017 23:43

Instrument :
 BNA_F
 ClientSampled :
 P3-SP1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.2	9.2
122	9.6	11.4	17.2#

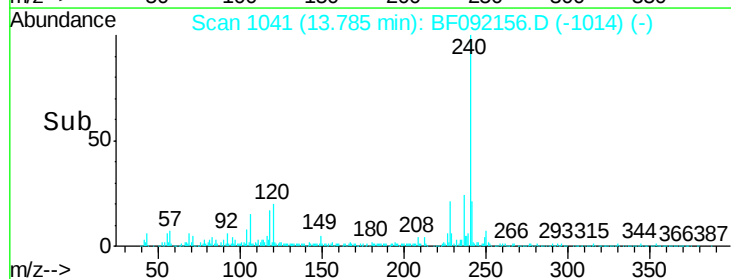
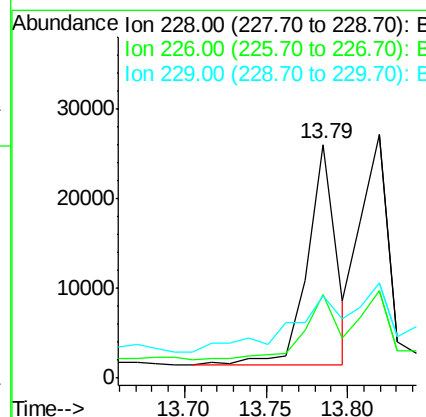
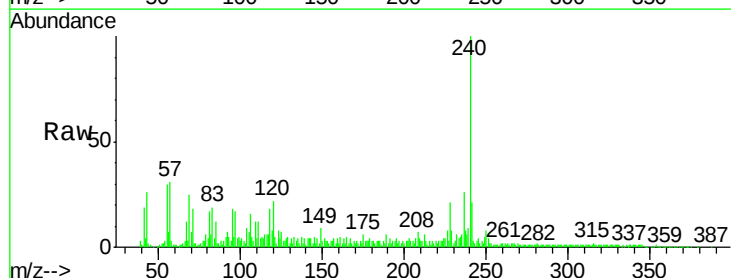
Manual Integrations
 APPROVED

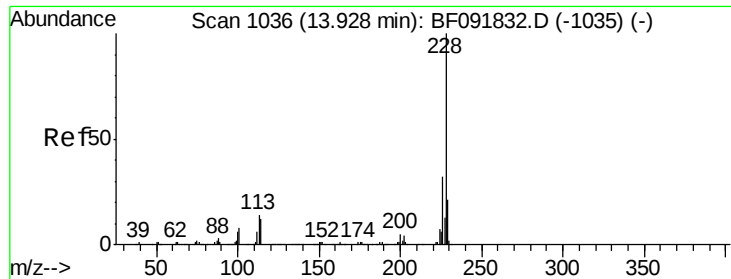
Sohil
 1/10/2017 10:01:41 AM



#80
 Benzo(a)anthracene
 Concen: 2.14 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF092156.D
 Acq: 9 Jan 2017 23:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.6	22.4	33.6#
229	35.2	16.2	24.4#





#82

Chrysene

Concen: 2.30 ng m

RT: 13.82 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Instrument :

BNA_F

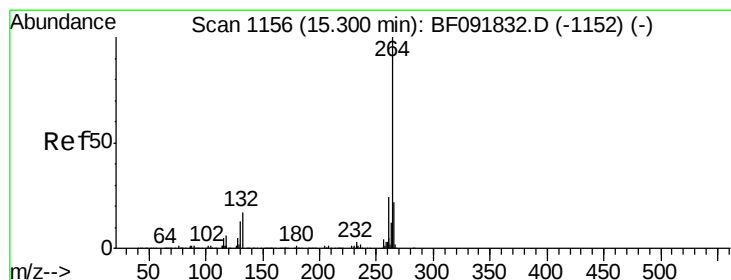
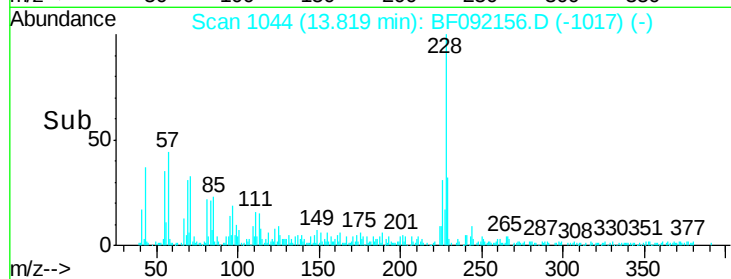
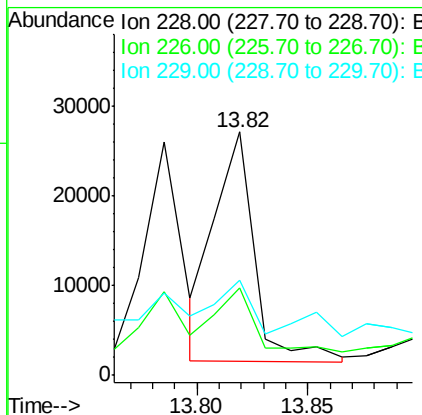
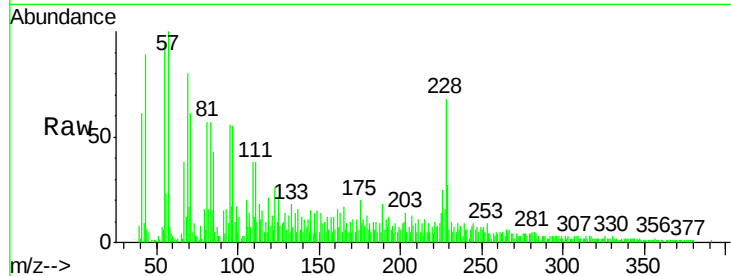
ClientSampleId :

P3-SP1

Tgt Ion:	228	Resp:	32289
Ion Ratio	Lower	Upper	
228	100		
226	36.1	25.4	38.0
229	38.9	16.2	24.2#

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:41 AM



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092156.D

Acq: 9 Jan 2017 23:43

Tgt Ion:	264	Resp:	176748
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	25.7	17.4	26.0

