

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092157.D
 Acq On : 10 Jan 2017 00:10
 Operator : UM/SJ
 Sample : I1045-02 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP2

Manual Integrations
 APPROVED

Sohil
 1/10/2017 10:01:45 AM

Quant Time: Jan 10 03:43:46 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	135533	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	470130	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	219622	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	388479	20.00	ng	0.00
75) Chrysene-d12	13.80	240	241820	20.00	ng	0.01
86) Perylene-d12	15.17	264	174464	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	314317	38.72	ng	0.01
7) Phenol-d6	6.31	99	625861	63.15	ng	0.00
23) Nitrobenzene-d5	7.20	82	338634	40.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	37921	20.86	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	619778	52.96	ng	0.00
78) Terphenyl-d14	12.75	244	494439	49.59	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.33	94	31772	2.81	ng	# 74
49) Dimethylphthalate	9.41	163	83820	5.97	ng	100
57) Fluorene	10.22	166	25613	2.10	ng	96
70) Phenanthrene	11.18	178	191947	9.11	ng	97
74) Fluoranthene	12.37	202	198286	7.55	ng	94
77) Pyrene	12.60	202	162793	9.18	ng	99
80) Benzo(a)anthracene	13.79	228	57687	4.23	ng	# 89
82) Chrysene	13.82	228	59257m	4.33	ng	

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

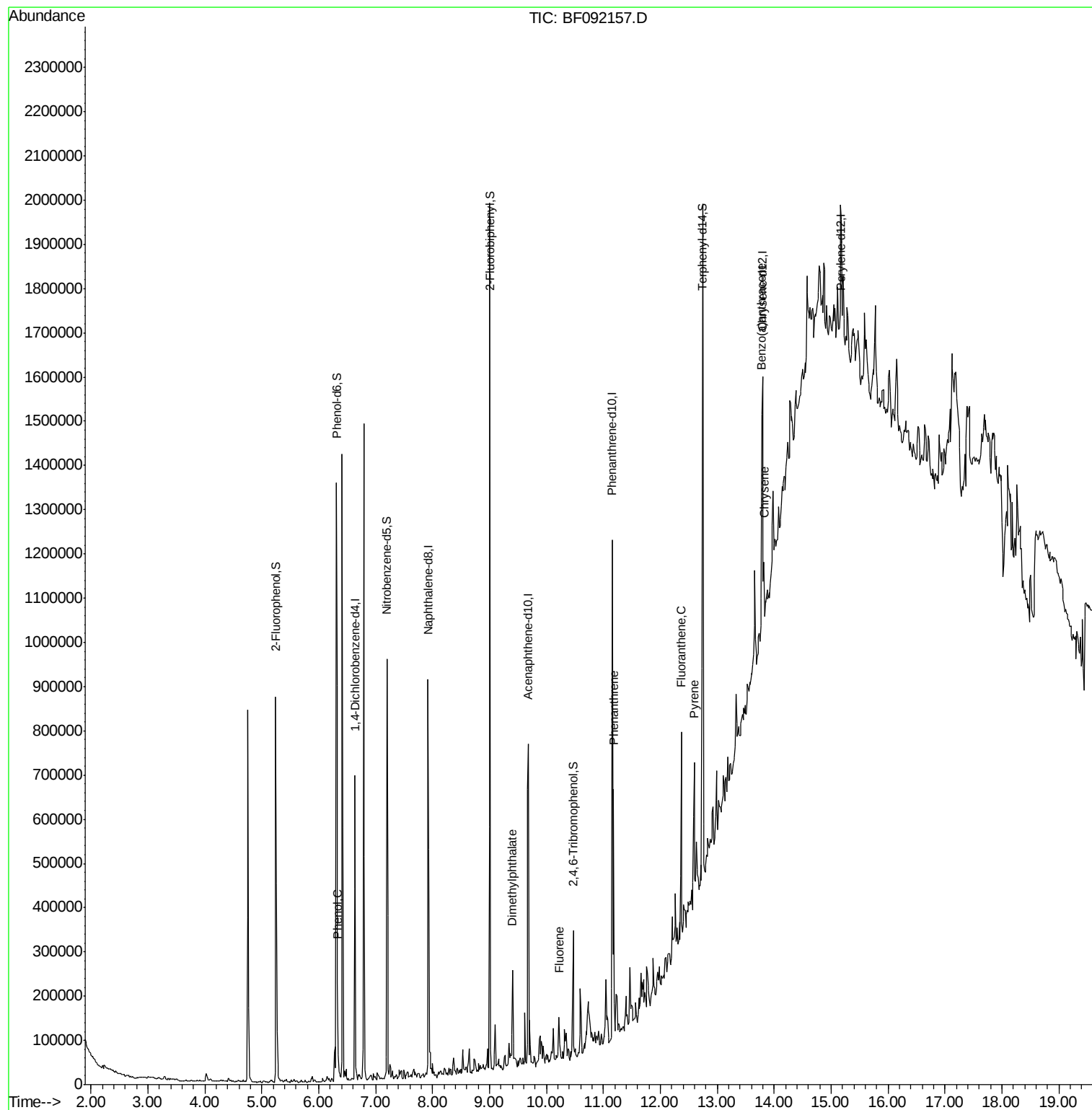
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092157.D
Acq On : 10 Jan 2017 00:10
Operator : UM/SJ
Sample : I1045-02 2X
Misc :
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Instrument :
BNA_F
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Manual Integrations
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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

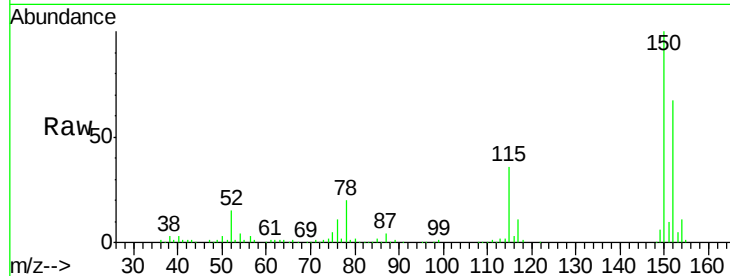
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampled :
P3-SP2

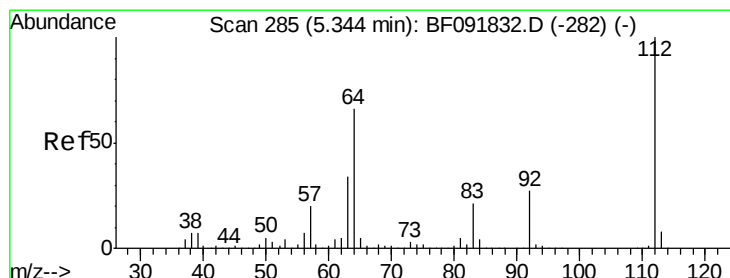
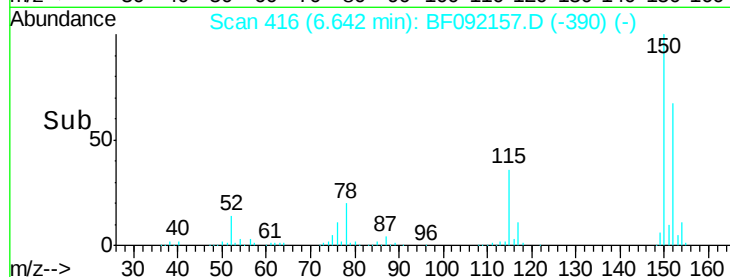
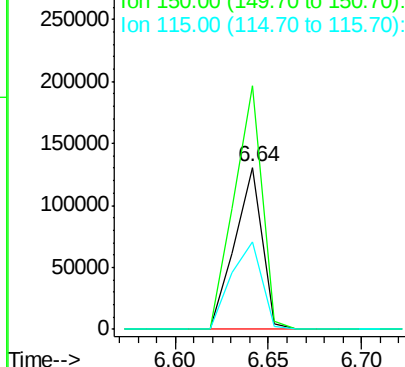
Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.0	124.9	187.3
115	53.7	46.0	69.0

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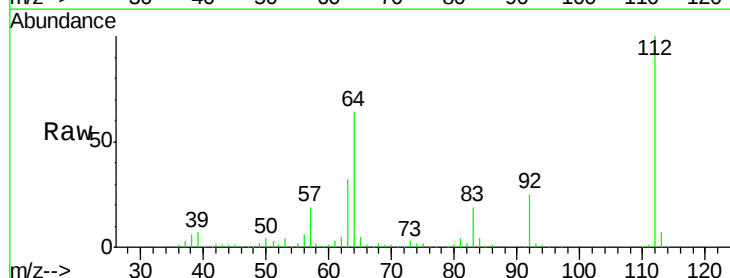
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



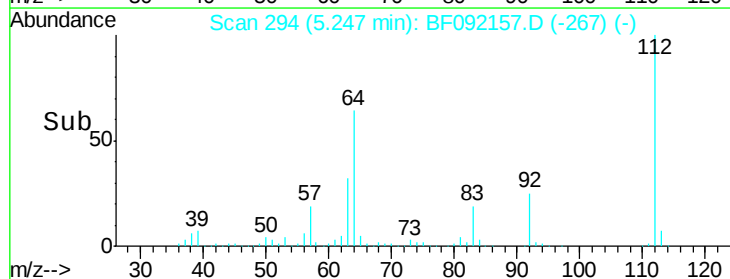
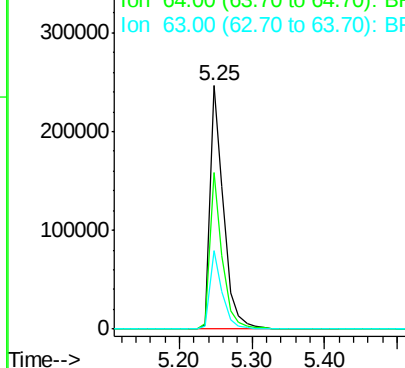
#5

2-Fluorophenol
Concen: 38.72 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	32.0	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: 63.15 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Instrument :

BNA_F

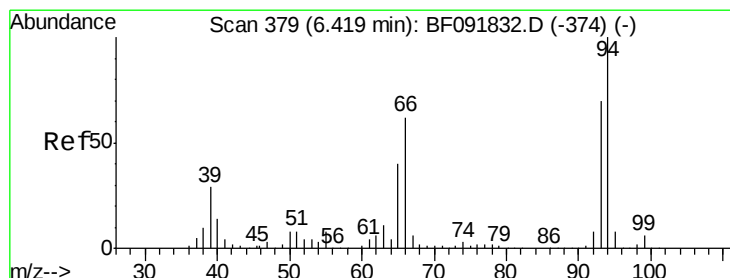
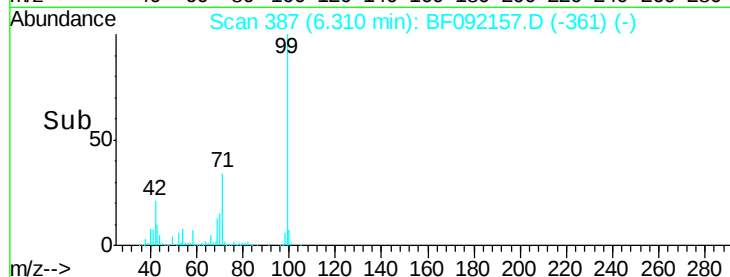
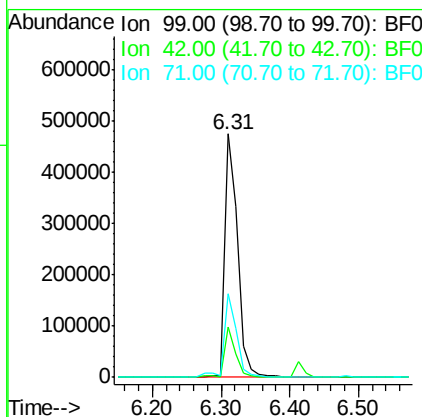
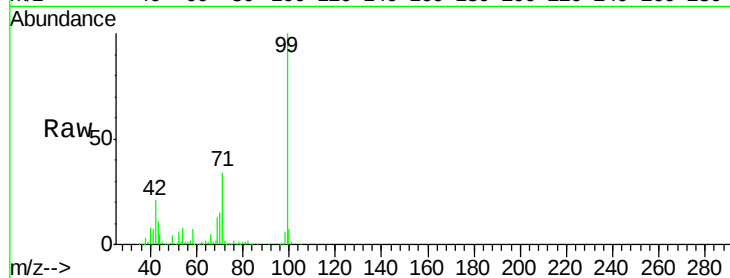
ClientSampleId :

P3-SP2

Tgt Ion:	99	Resp:	625861
Ion Ratio	Lower	Upper	
99	100		
42	20.7	15.6	23.4
71	34.2	27.5	41.3

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#10

Phenol

Concen: 2.81 ng

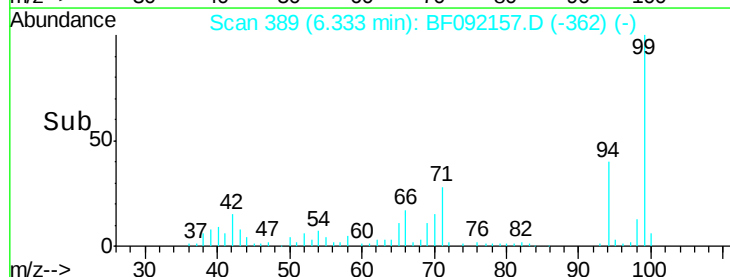
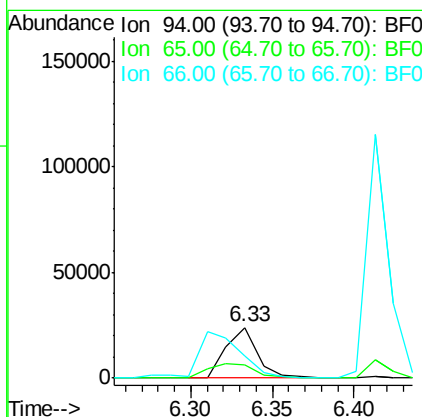
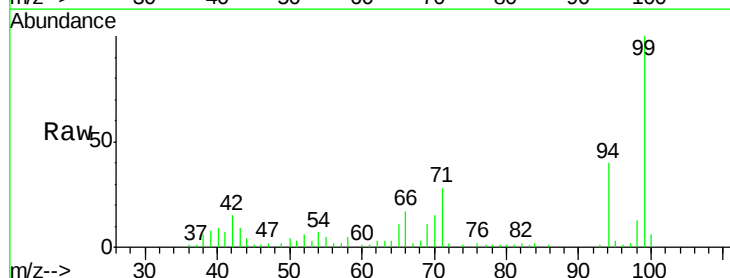
RT: 6.33 min Scan# 389

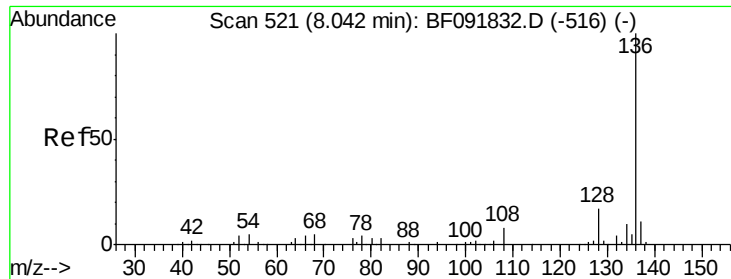
Delta R.T. 0.01 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Tgt Ion:	94	Resp:	31772
Ion Ratio	Lower	Upper	
94	100		
65	26.9	21.4	61.4
66	42.6	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: BF092157.D

Acq: 10 Jan 2017 00:10

Instrument :

BNA_F

ClientSampled :

P3-SP2

Tgt Ion: 136 Resp: 470130
Ion Ratio Lower Upper

136 100

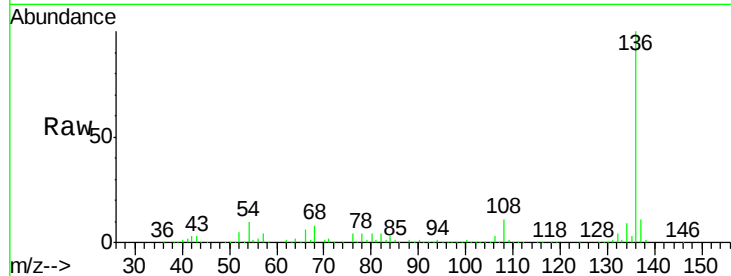
137 11.2 8.4 12.6

54 10.2 4.5 6.7#

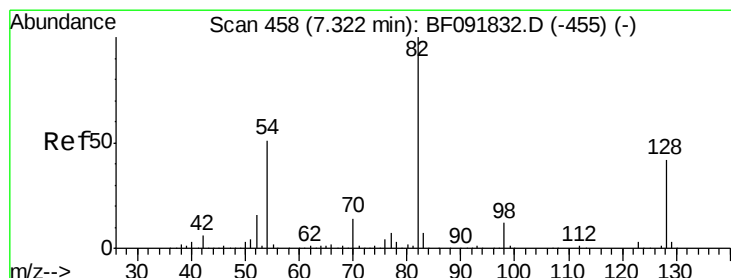
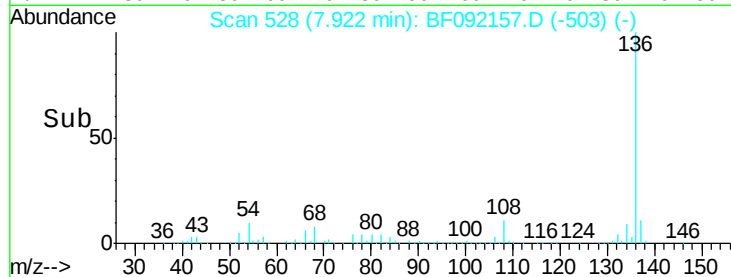
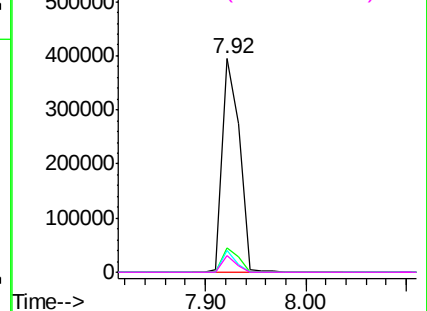
68 7.5 3.6 5.4#

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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: 40.05 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092157.D

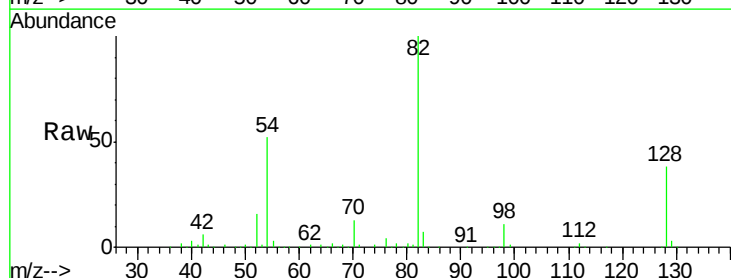
Acq: 10 Jan 2017 00:10

Tgt Ion: 82 Resp: 338634
Ion Ratio Lower Upper

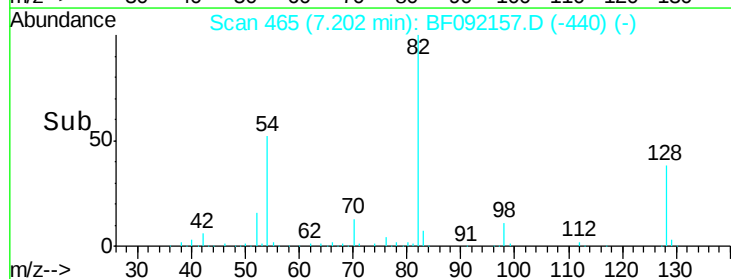
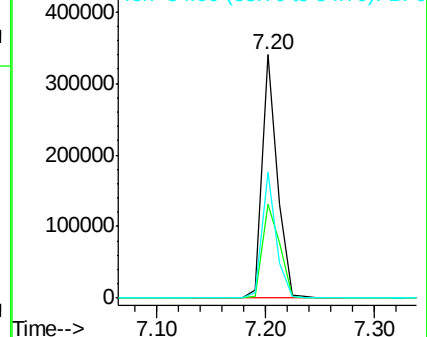
82 100

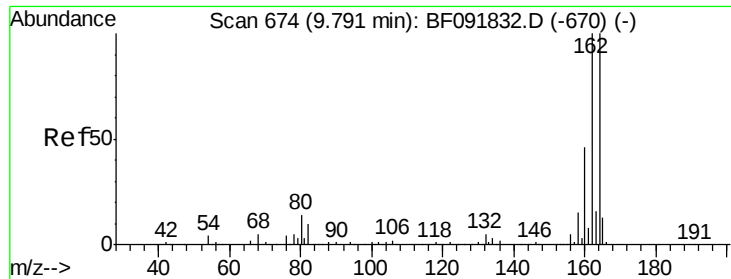
128 38.4 34.6 52.0

54 51.6 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: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Instrument :

BNA_F

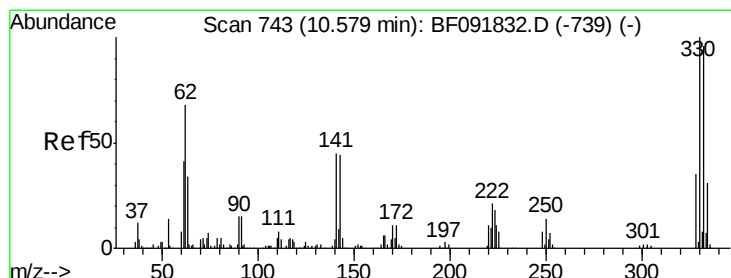
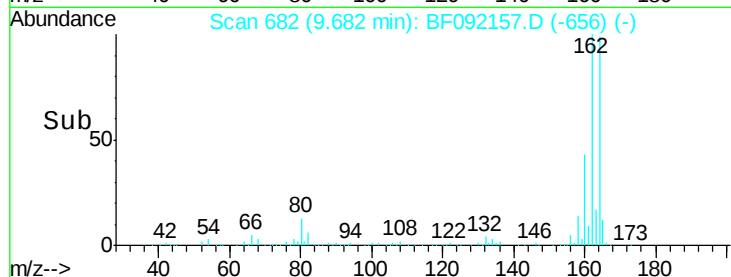
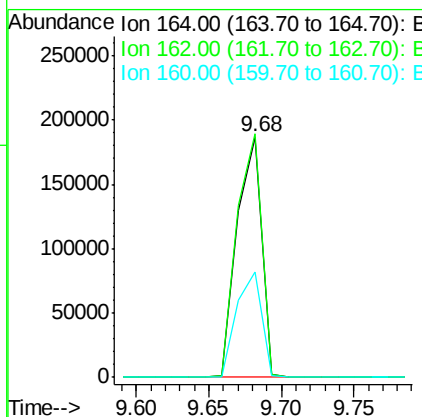
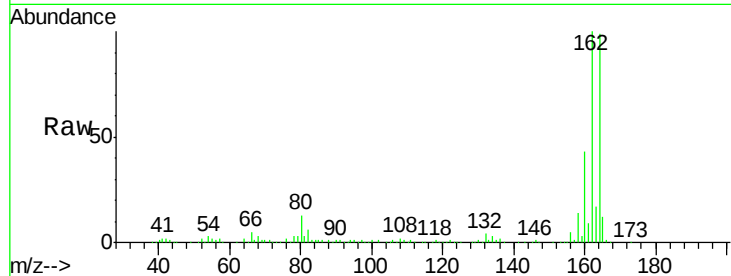
ClientSampled :

P3-SP2

Tgt Ion:	164	Resp:	219622
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.2	120.2
160	44.0	36.9	55.3

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 20.86 ng

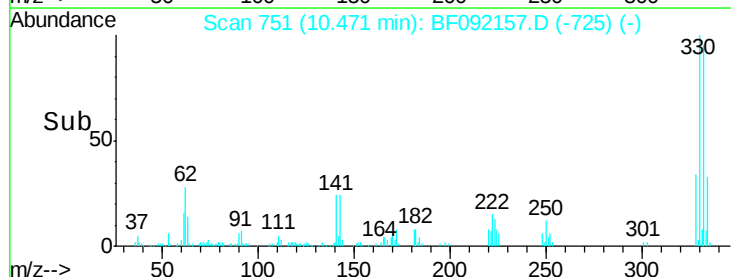
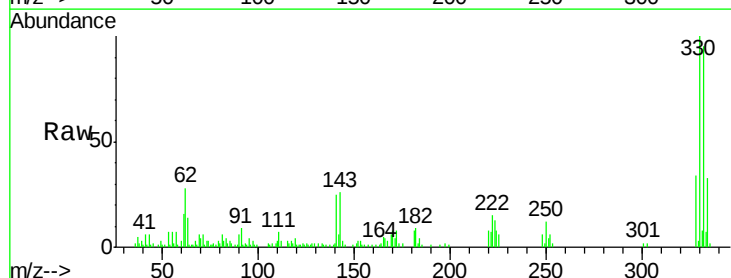
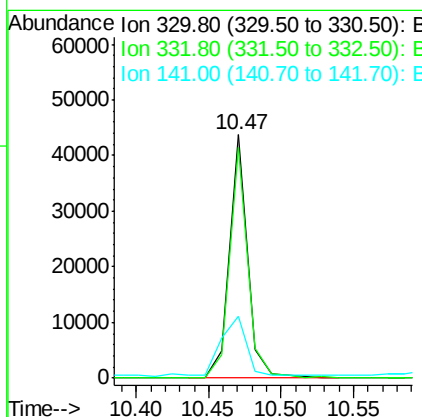
RT: 10.47 min Scan# 751

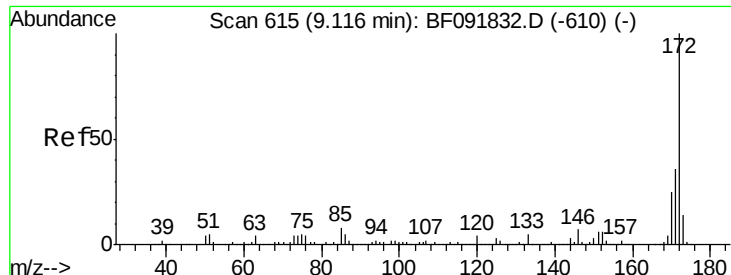
Delta R.T. 0.00 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Tgt Ion:	330	Resp:	37921
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.4	116.2
141	37.2	34.1	51.1





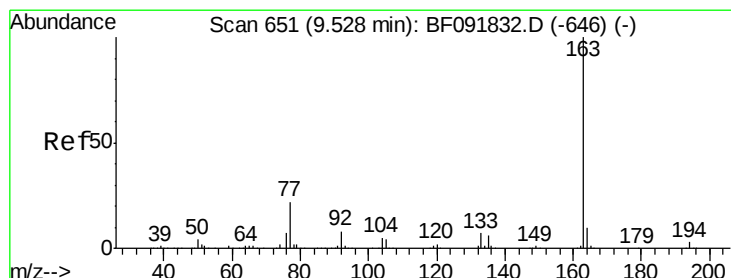
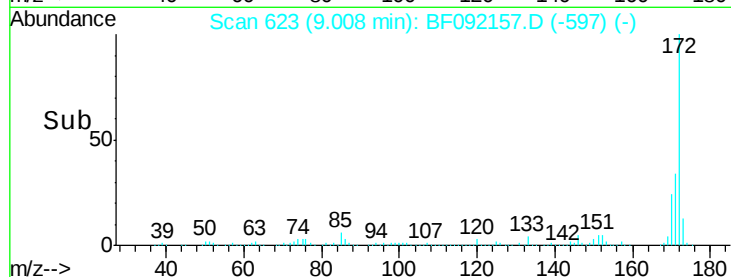
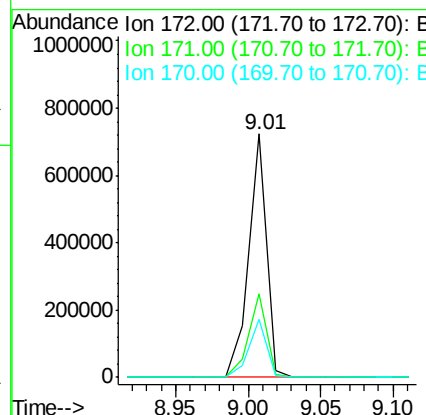
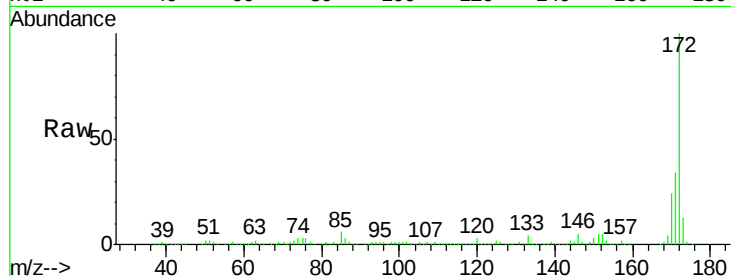
#44
2-Fluorobiphenyl
Concen: 52.96 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampled :
P3-SP2

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	619778		
171	34.4		29.4	44.0
170	23.7		20.2	30.4

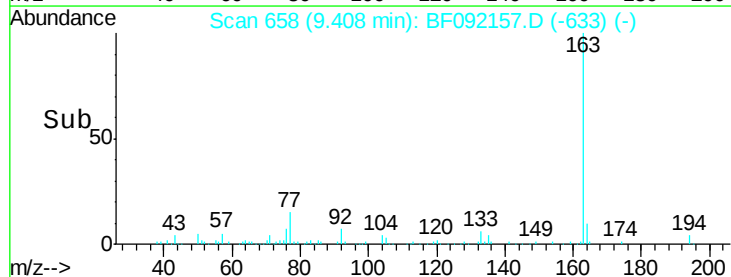
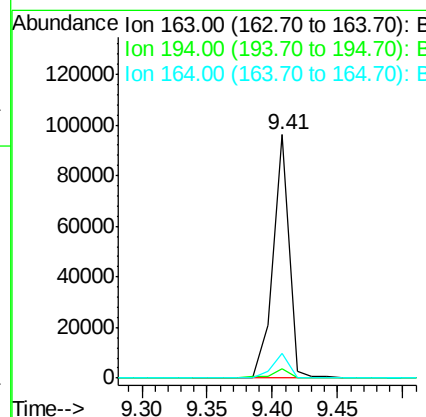
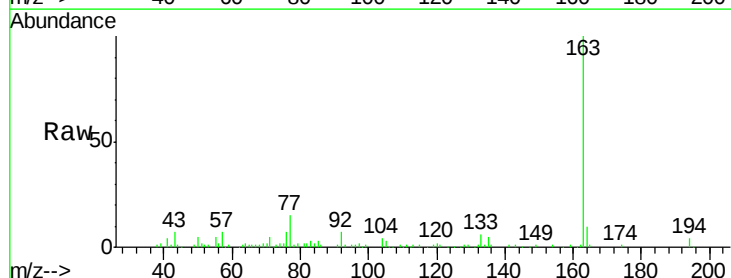
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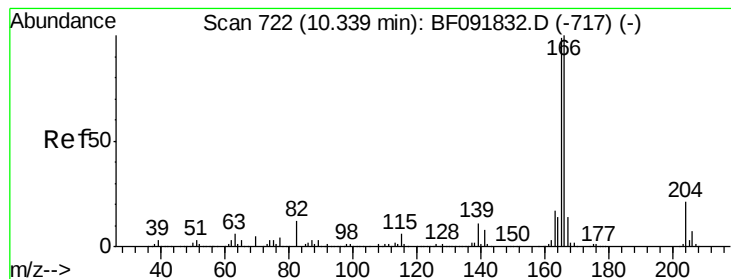
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#49
Dimethylphthalate
Concen: 5.97 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83820		
194	3.8		3.0	4.4
164	10.2		8.0	12.0





#57

Fluorene

Concen: 2.10 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Instrument :

BNA_F

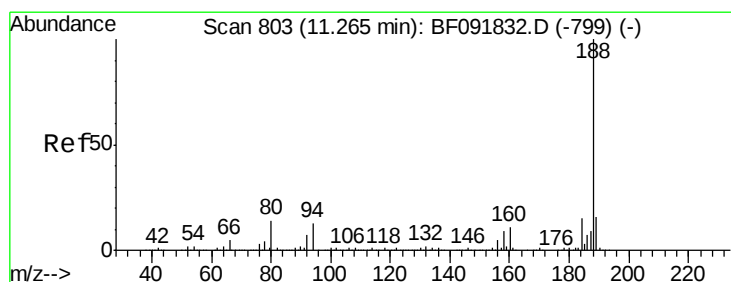
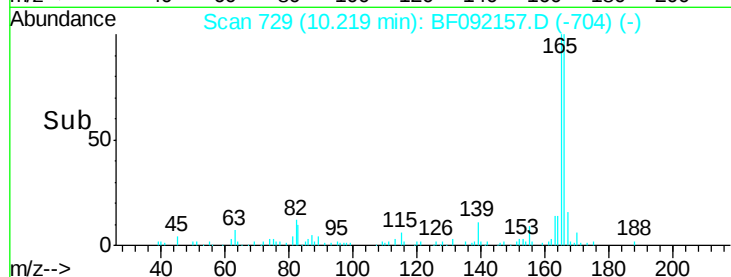
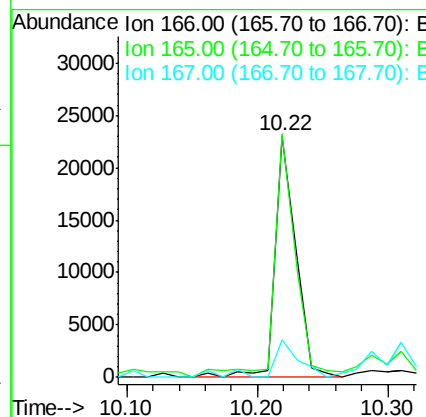
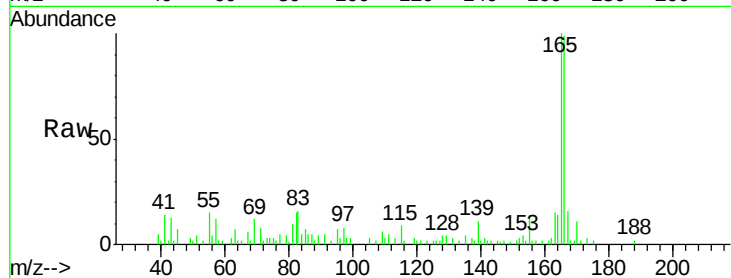
ClientSampleId :

P3-SP2

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	25613		
165	101.0	77.8	116.8	
167	15.8	10.8	16.2	

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#63

Phenanthrene-d10

Concen: 20.00 ng

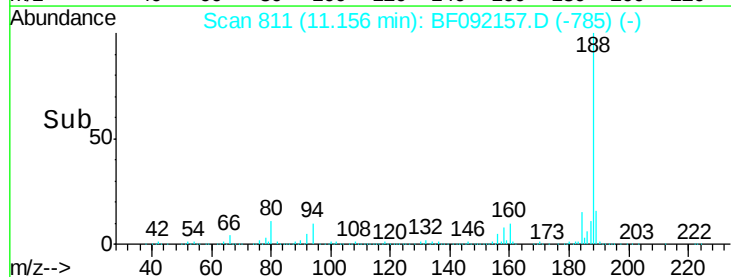
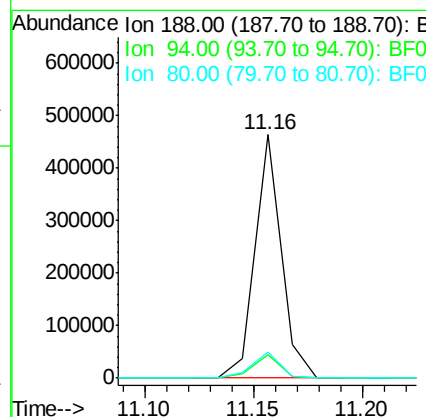
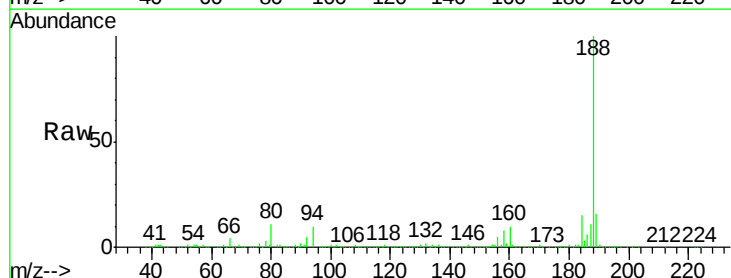
RT: 11.16 min Scan# 811

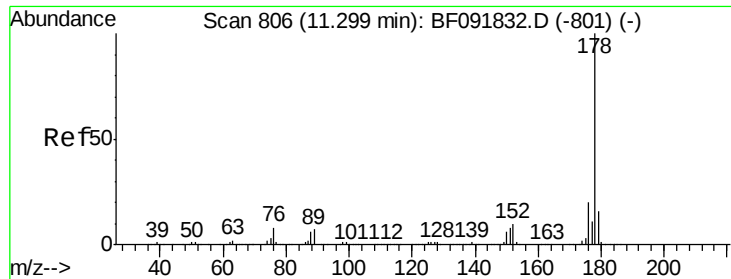
Delta R.T. 0.00 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	388479		
94	9.8	10.0	15.0#	
80	10.6	11.2	16.8#	





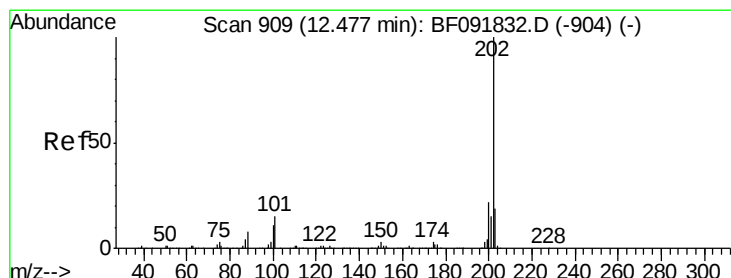
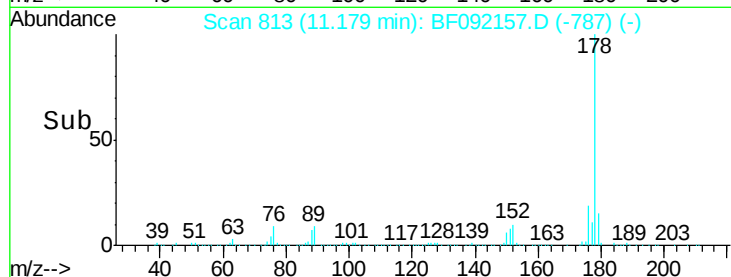
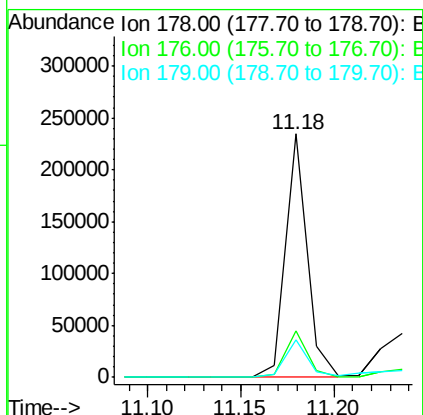
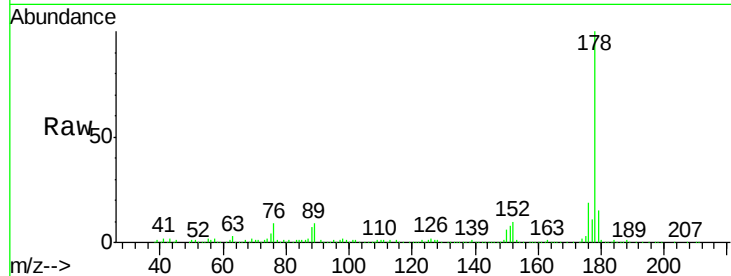
#70
Phenanthrene
Concen: 9.11 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Instrument :
BNA_F
ClientSampleId :
P3-SP2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	15.4	12.8	19.2

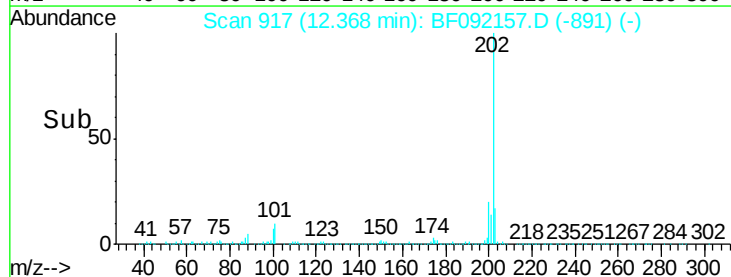
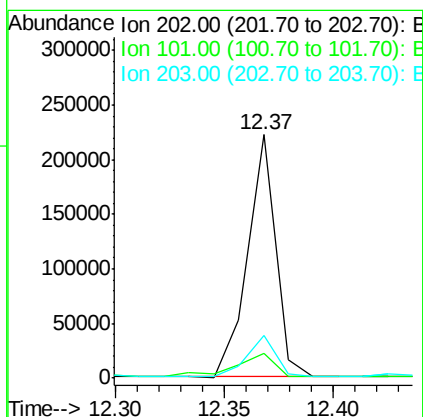
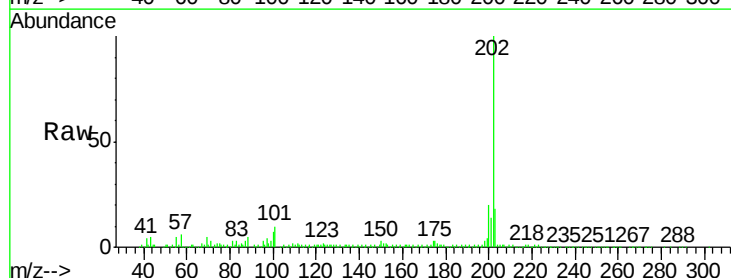
Manual Integrations
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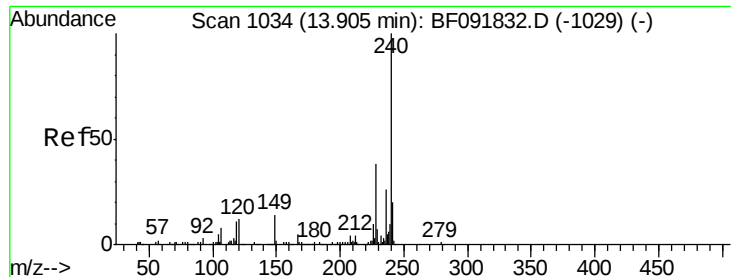
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#74
Fluoranthene
Concen: 7.55 ng
RT: 12.37 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092157.D
Acq: 10 Jan 2017 00:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Instrument :

BNA_F

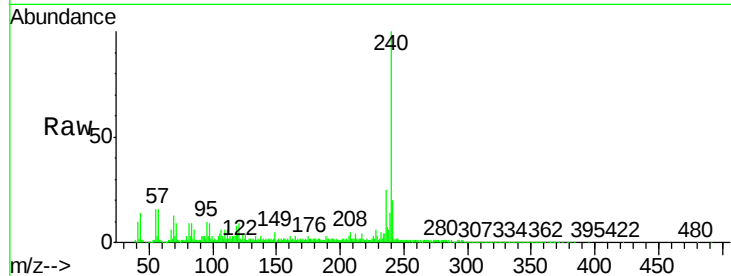
ClientSampleId :

P3-SP2

Tgt Ion:	240	Resp:	241820
Ion Ratio		Lower	Upper
240	100		
120	8.9	12.9	19.3#
236	25.3	20.9	31.3

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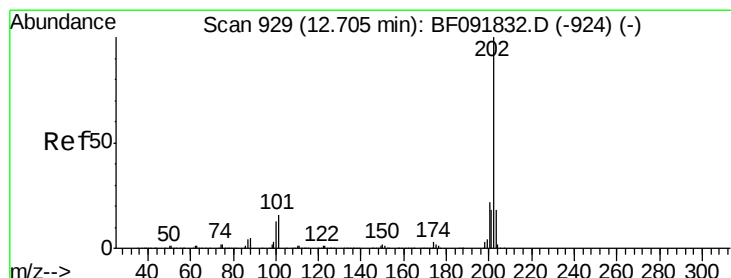
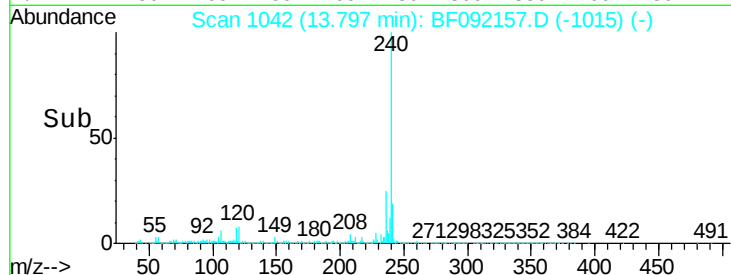
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.80

Time-->



#77

Pyrene

Concen: 9.18 ng

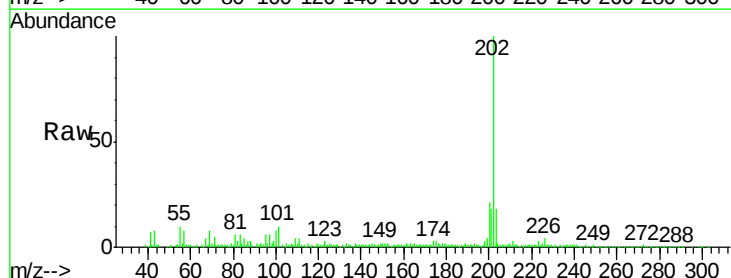
RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Tgt Ion:	202	Resp:	162793
Ion Ratio		Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.1	14.7	22.1



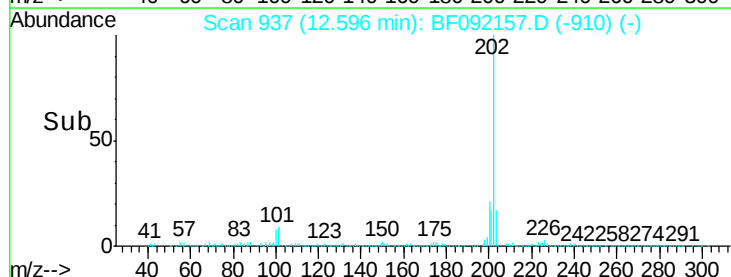
Abundance Ion 202.00 (201.70 to 202.70): E

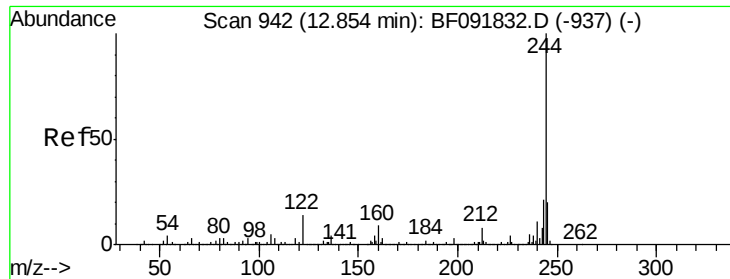
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.60

Time-->





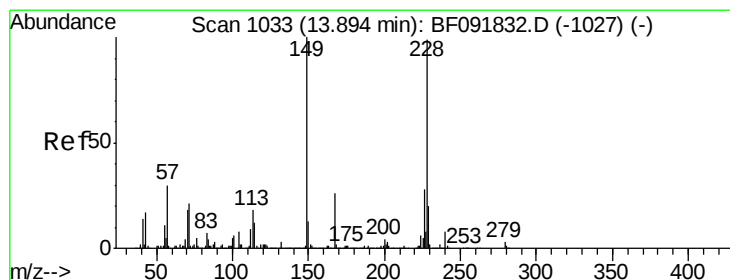
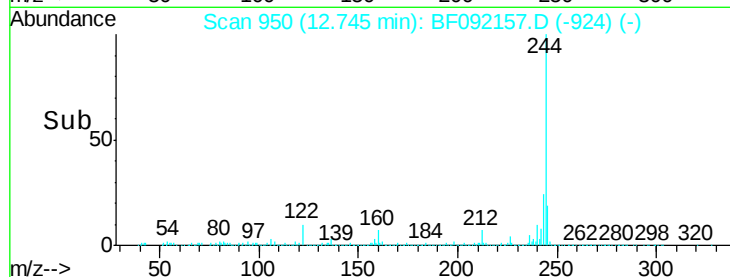
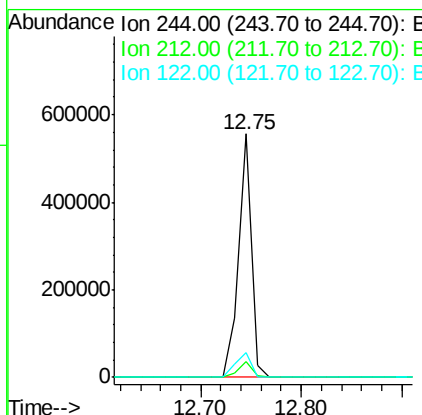
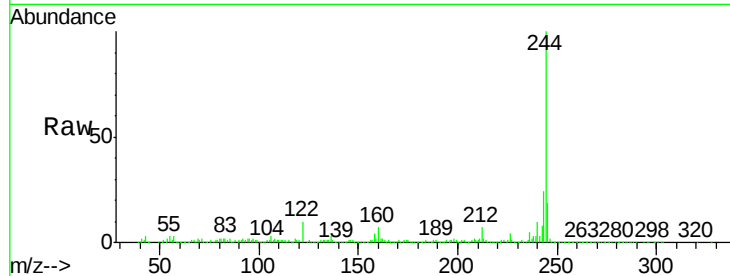
#78
 Terphenyl-d14
 Concen: 49.59 ng
 RT: 12.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092157.D
 Acq: 10 Jan 2017 00:10

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP2

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	494439		
212	6.7	6.2	9.2	
122	10.1	11.4	17.2#	

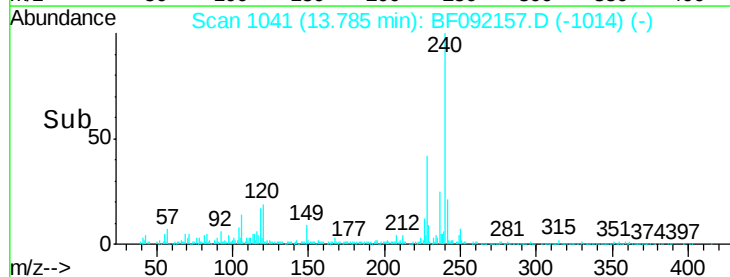
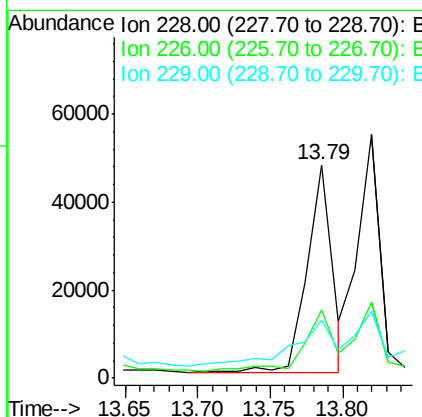
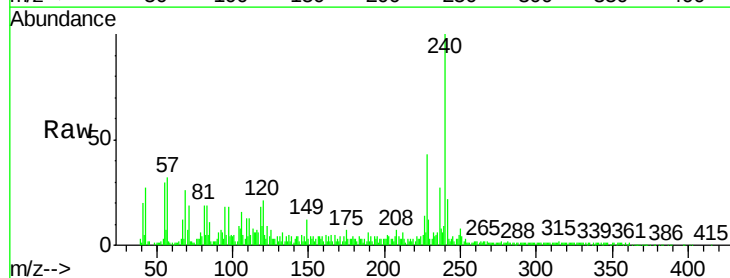
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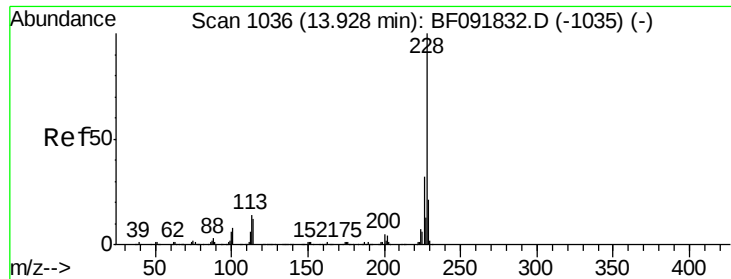
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#80
 Benzo(a)anthracene
 Concen: 4.23 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF092157.D
 Acq: 10 Jan 2017 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	57687		
226	32.0	22.4	33.6	
229	27.3	16.2	24.4#	





#82

Chrysene

Concen: 4.33 ng m

RT: 13.82 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Instrument :

BNA_F

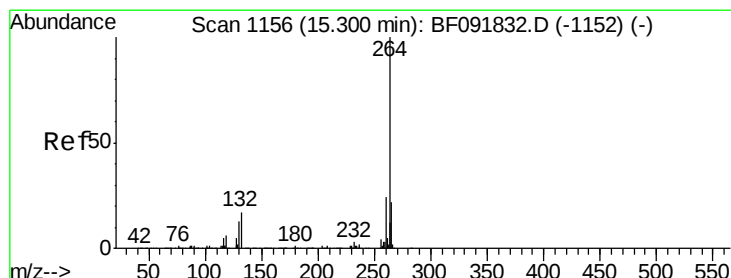
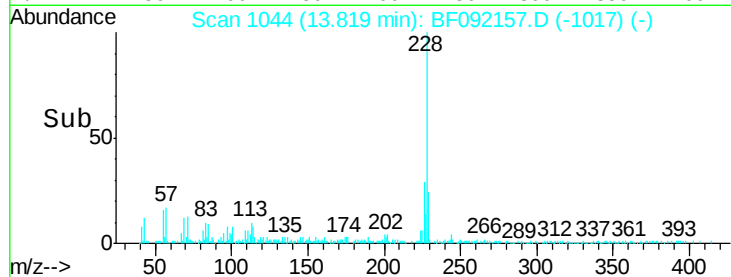
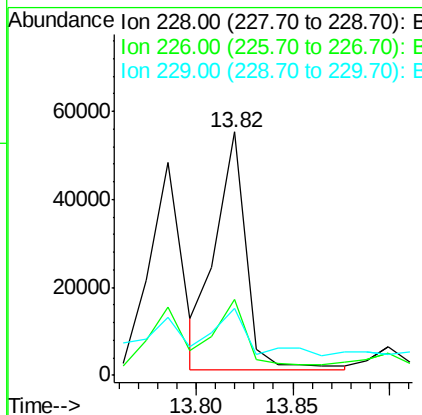
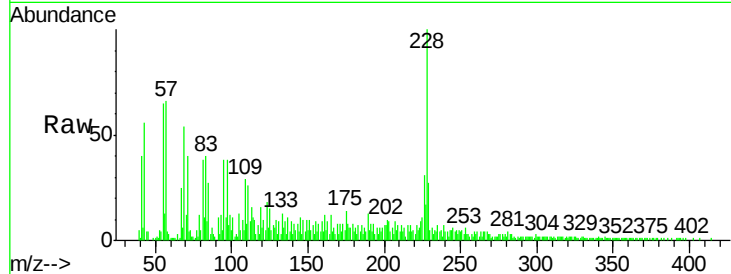
ClientSampleId :

P3-SP2

Tgt Ion:	228	Resp:	59257
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.4	38.0
229	27.4	16.2	24.2

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1162

Delta R.T. 0.02 min

Lab File: BF092157.D

Acq: 10 Jan 2017 00:10

Tgt Ion:	264	Resp:	174464
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	25.3	17.4	26.0

