

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092158.D
 Acq On : 10 Jan 2017 00:37
 Operator : UM/SJ
 Sample : I1045-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP1

Manual Integrations
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Quant Time: Jan 10 03:47:19 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	137769	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	479792	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	235212	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	389211	20.00	ng	0.00
75) Chrysene-d12	13.80	240	254134	20.00	ng	0.01
86) Perylene-d12	15.18	264	180003	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	410430	49.74	ng	0.01
7) Phenol-d6	6.31	99	532338	52.84	ng	0.00
23) Nitrobenzene-d5	7.20	82	250880	29.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	63143	32.44	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	498342	35.97	ng	0.00
78) Terphenyl-d14	12.75	244	388102	37.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.33	94	28226	2.46	ng	79
49) Dimethylphthalate	9.41	163	70126	4.66	ng	99
70) Phenanthrene	11.18	178	90305	4.28	ng	98
74) Fluoranthene	12.37	202	116705	2.71	ng	95
77) Pyrene	12.60	202	108553	5.82	ng	96
80) Benzo(a)anthracene	13.79	228	40217	2.80	ng	# 75
82) Chrysene	13.82	228	47258m	3.28	ng	

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

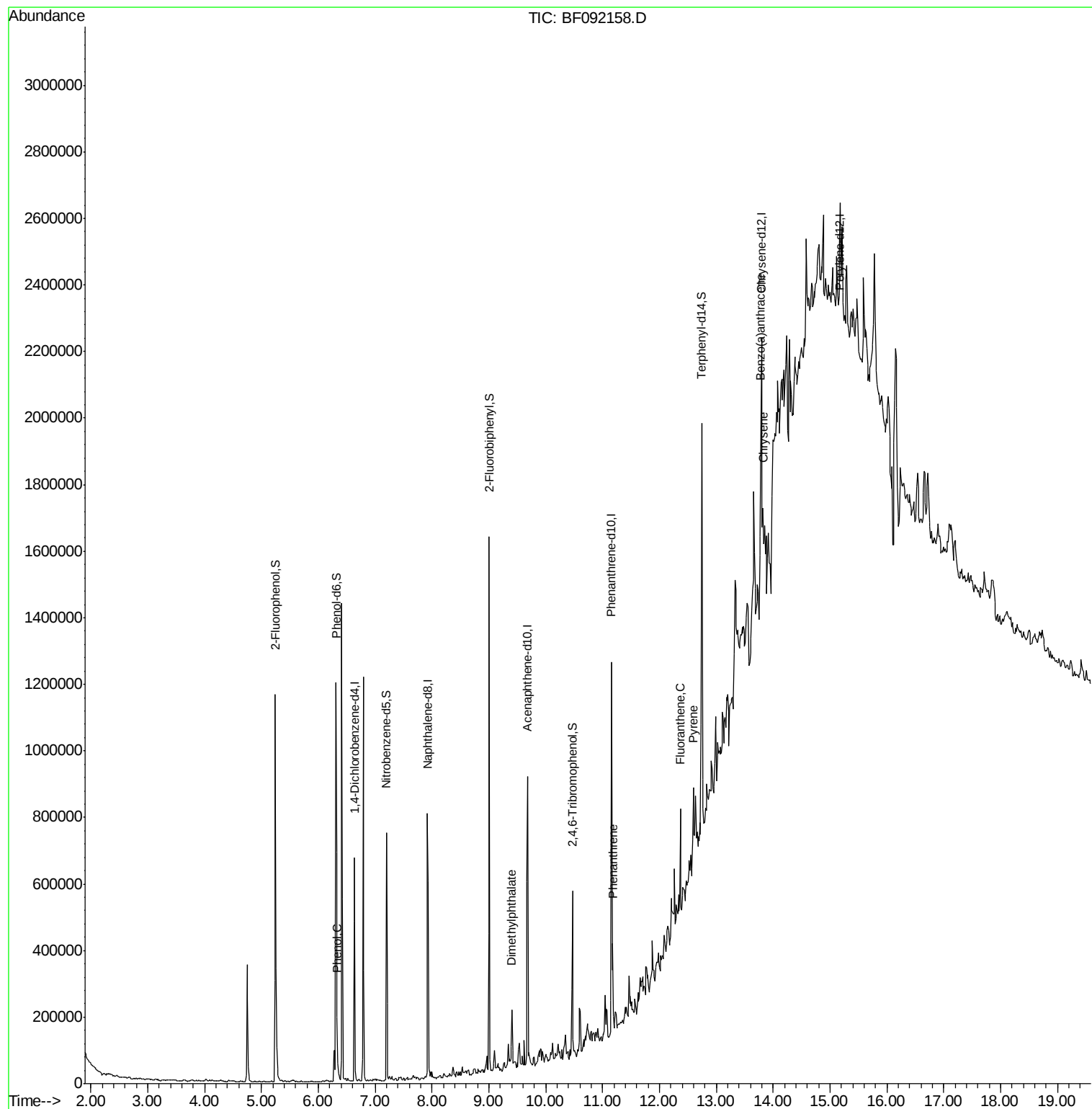
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
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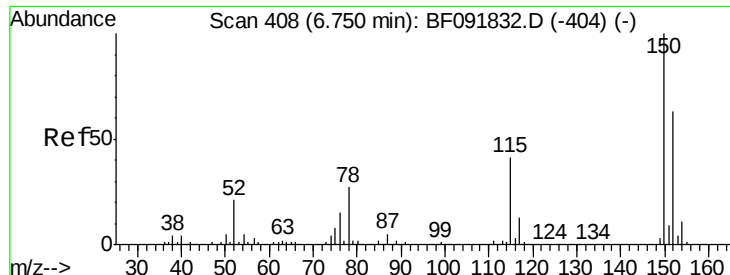
Instrument :
BNA_F
ClientSampleId :
RAP-SP1

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Quant Time: Jan 10 03:47:19 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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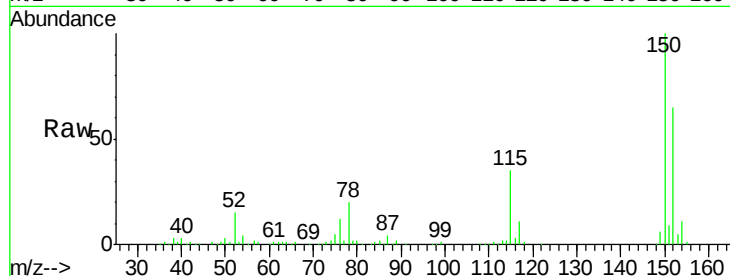
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092158.D
 Acq: 10 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampled :
 RAP-SP1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.9	187.3
115	54.0	46.0	69.0

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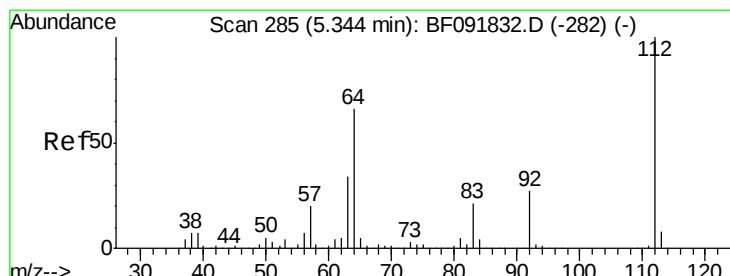
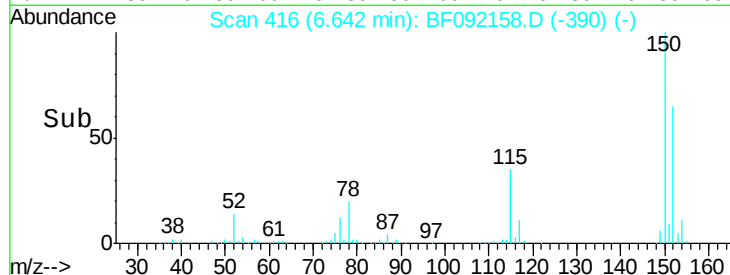
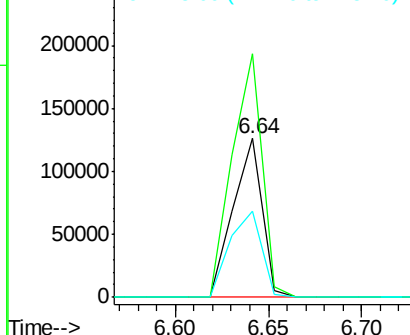


Abundance

Ion 152.00 (151.70 to 152.70): E

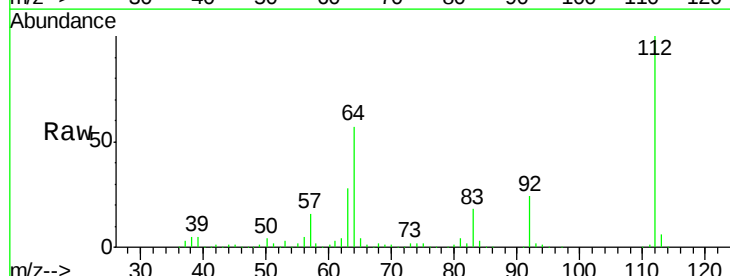
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 49.74 ng
 RT: 5.25 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF092158.D
 Acq: 10 Jan 2017 00:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.1	69.1
63	28.0	23.8	35.6

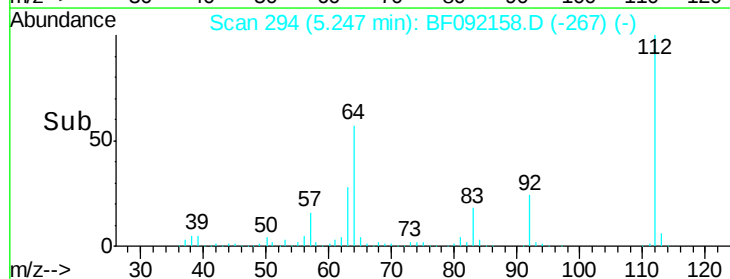
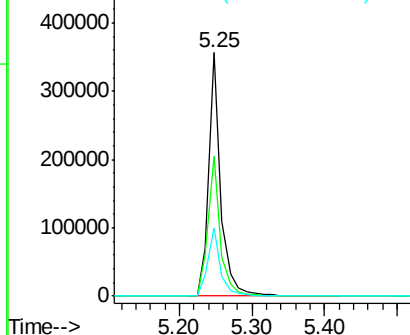


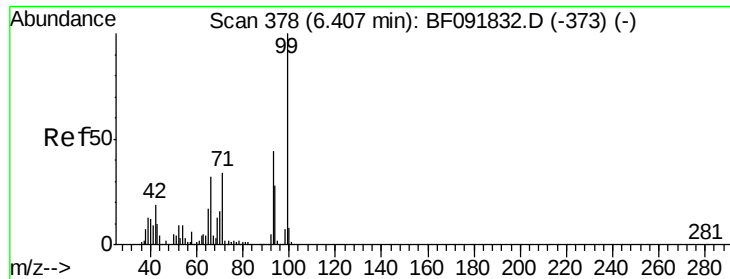
Abundance

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: 52.84 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092158.D

Acq: 10 Jan 2017 00:37

Instrument :

BNA_F

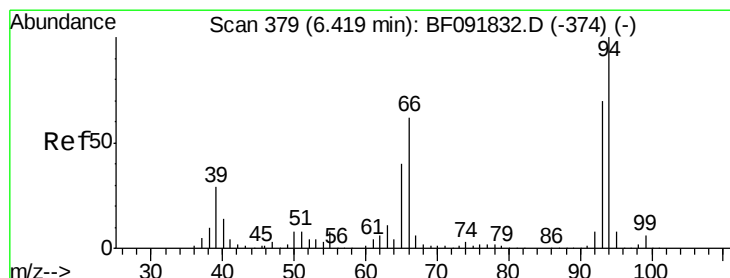
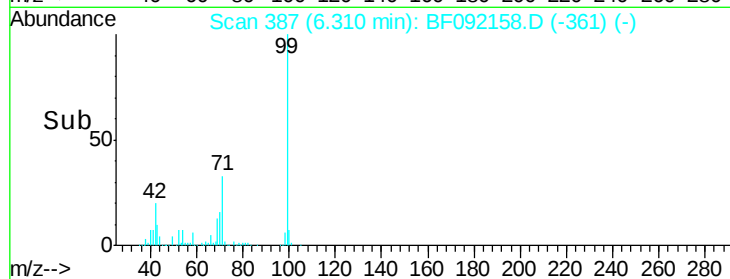
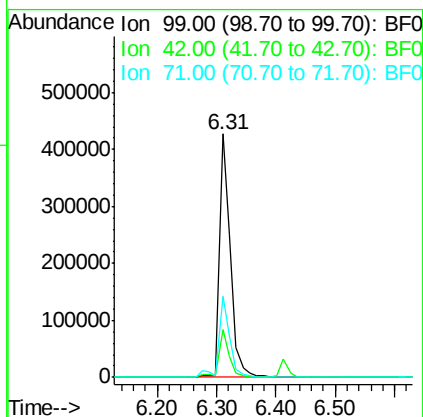
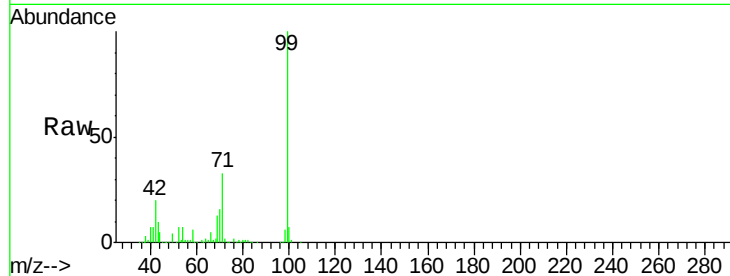
ClientSampled :

RAP-SP1

Tgt Ion:	99	Resp:	532338
Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	33.4	27.5	41.3

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#10

Phenol

Concen: 2.46 ng

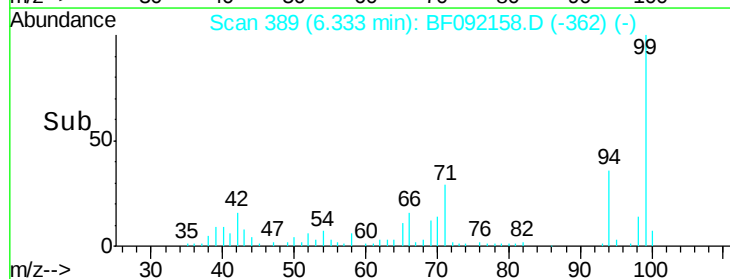
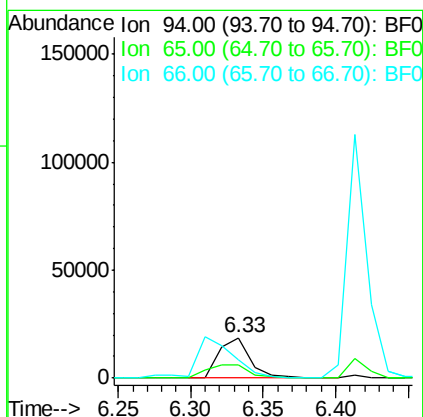
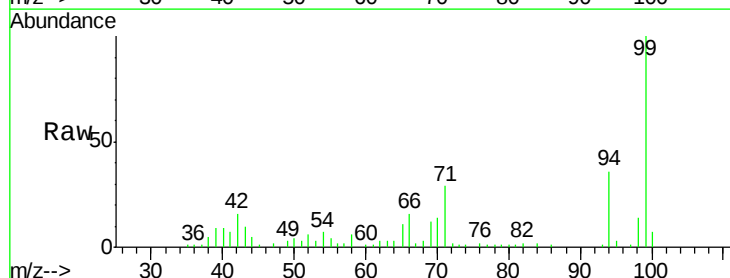
RT: 6.33 min Scan# 389

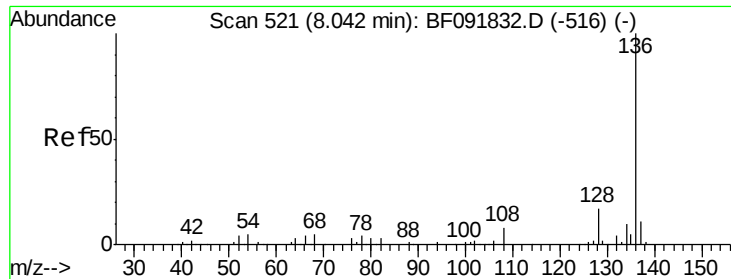
Delta R.T. 0.01 min

Lab File: BF092158.D

Acq: 10 Jan 2017 00:37

Tgt Ion:	94	Resp:	28226
Ion	Ratio	Lower	Upper
94	100		
65	31.7	21.4	61.4
66	44.2	44.0	84.0





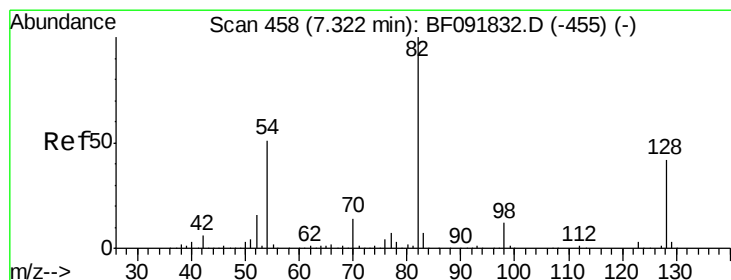
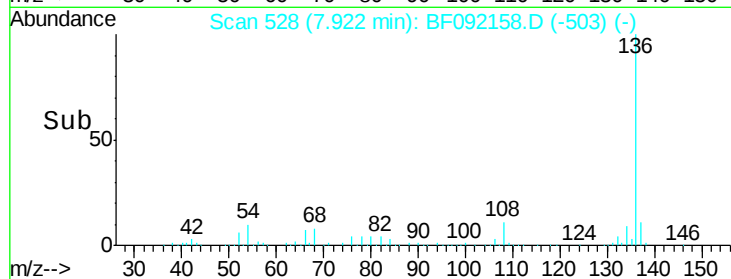
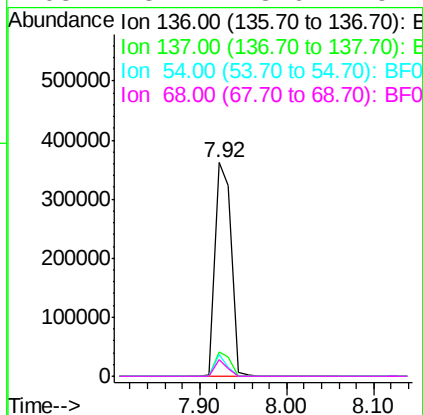
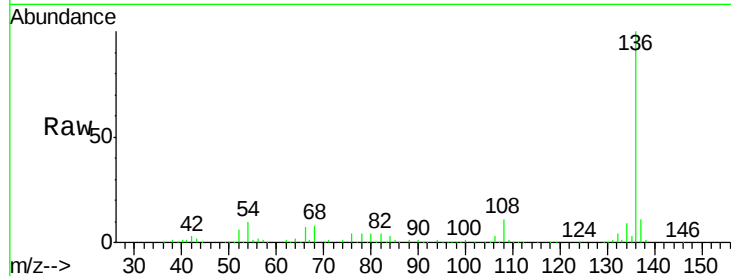
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	479792		
137	11.1	8.4	12.6	
54	10.4	4.5	6.7#	
68	8.1	3.6	5.4#	

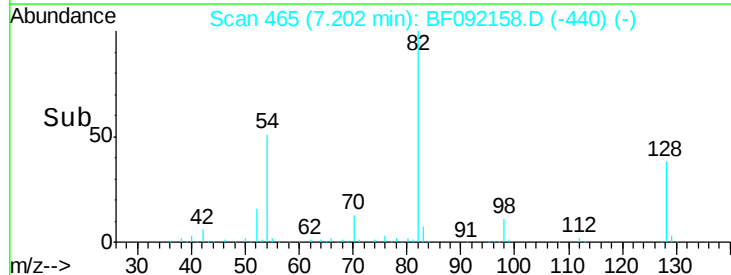
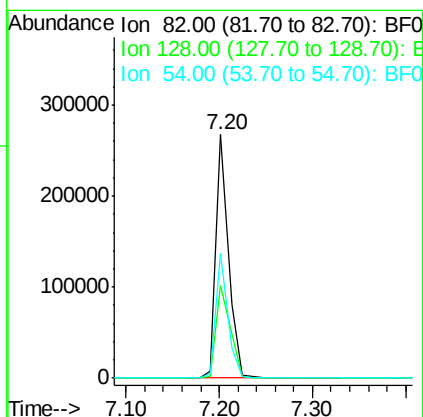
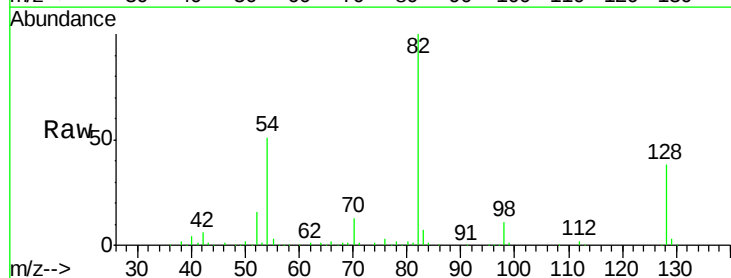
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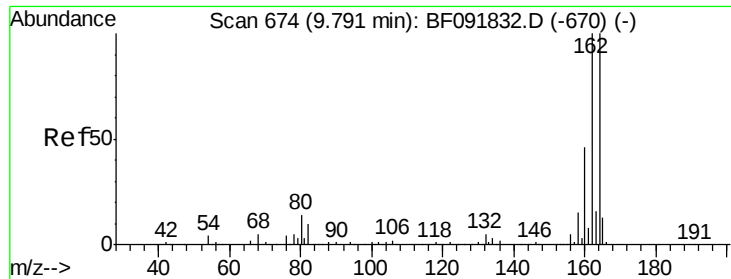
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#23
Nitrobenzene-d5
Concen: 29.08 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	250880		
128	38.1	34.6	52.0	
54	51.3	39.5	59.3	





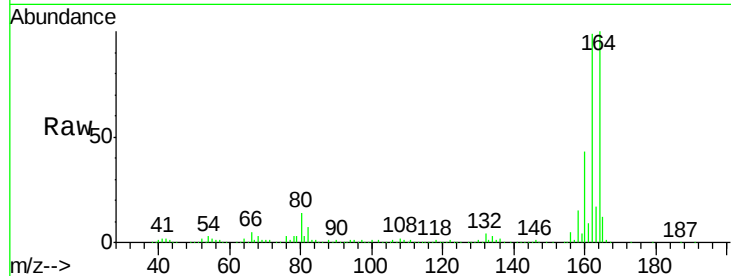
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Instrument :
BNA_F
ClientSampled :
RAP-SP1

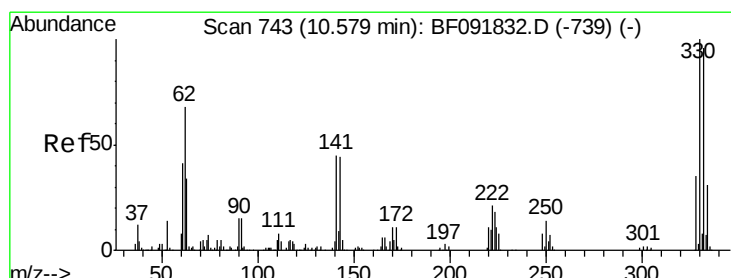
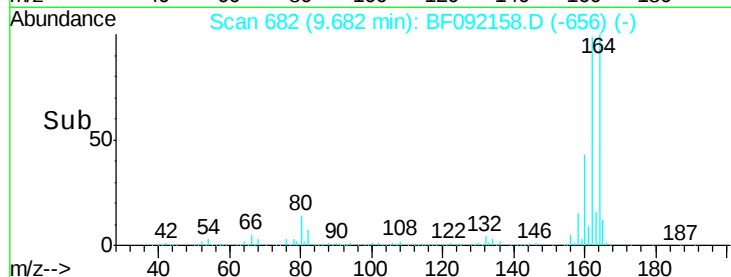
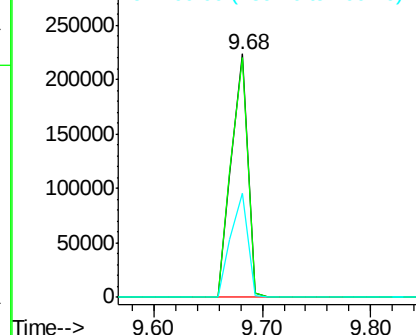
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	235212		
162	98.7	80.2	120.2	
160	42.8	36.9	55.3	

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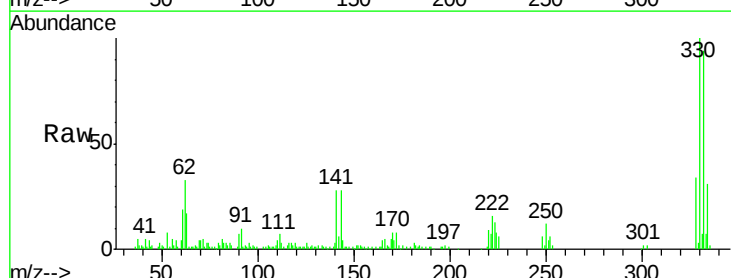


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

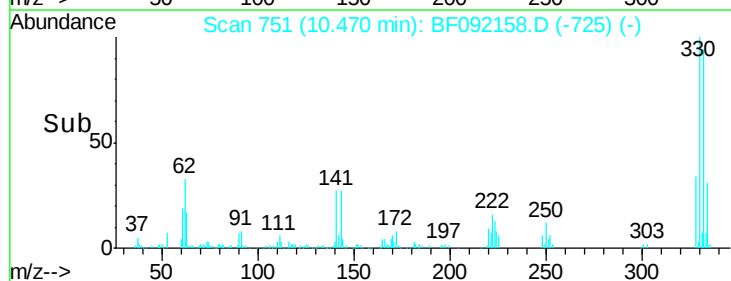
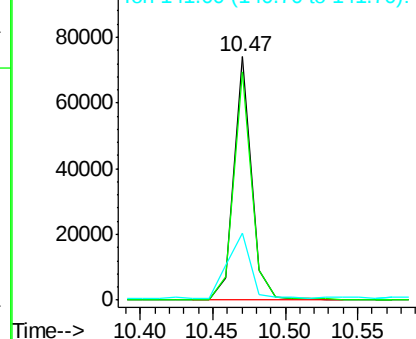


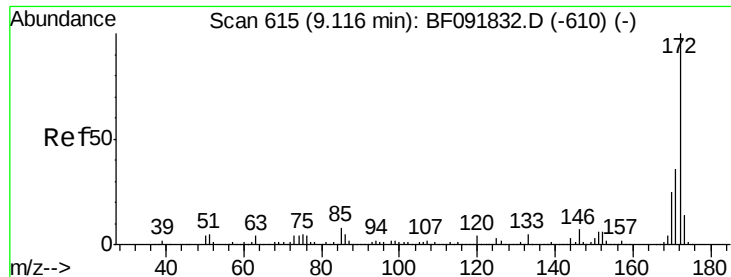
#41
2,4,6-Tribromophenol
Concen: 32.44 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	63143		
332	95.5	77.4	116.2	
141	37.0	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





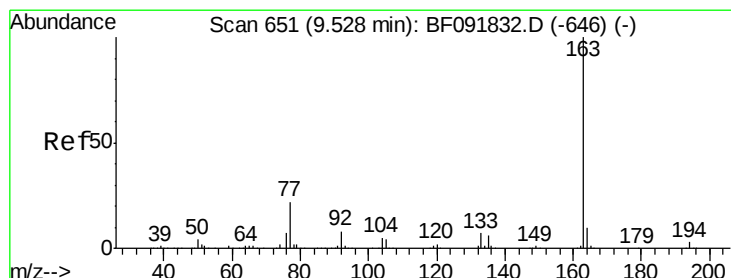
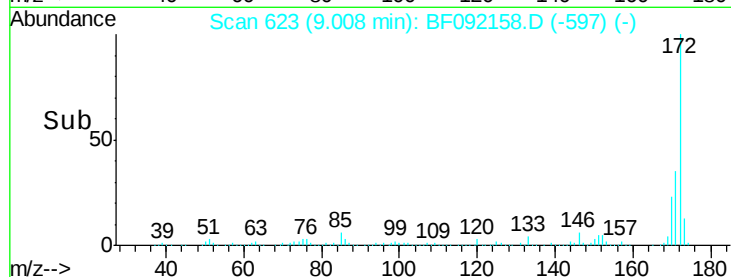
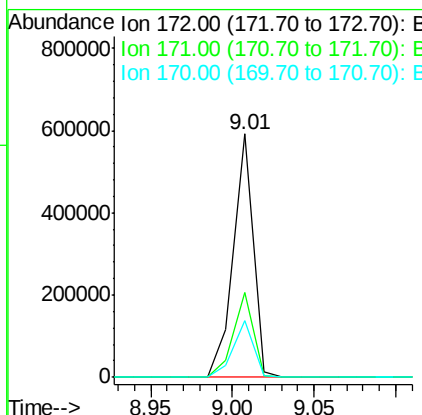
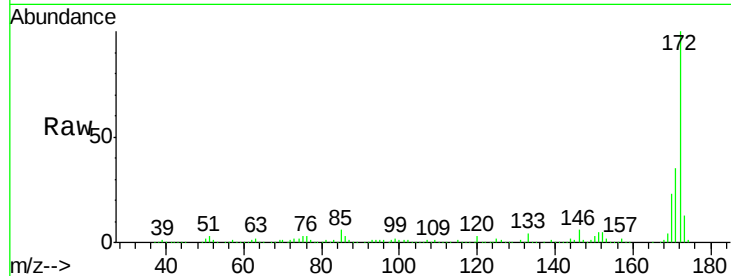
#44
 2-Fluorobiphenyl
 Concen: 35.97 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092158.D
 Acq: 10 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 RAP-SP1

Tgt Ion:	172	Resp:	498342
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.4	44.0
170	23.4	20.2	30.4

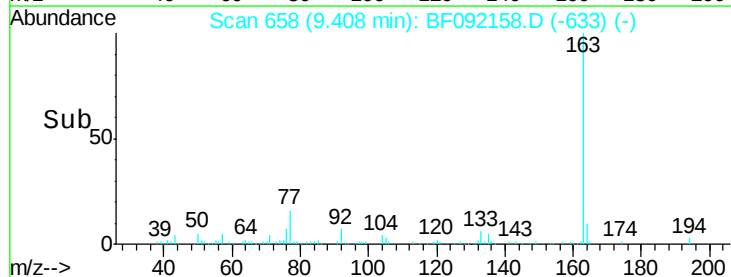
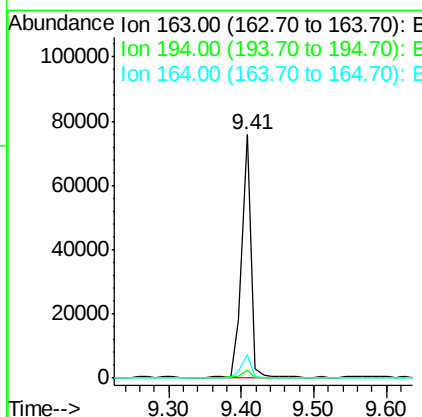
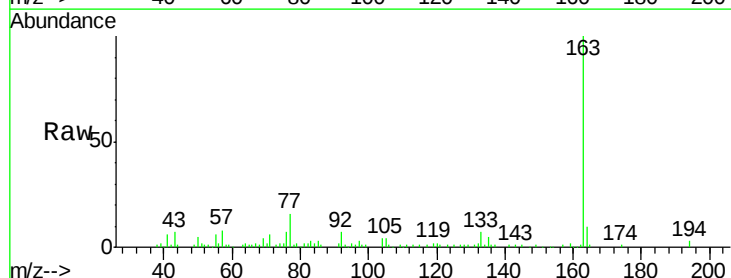
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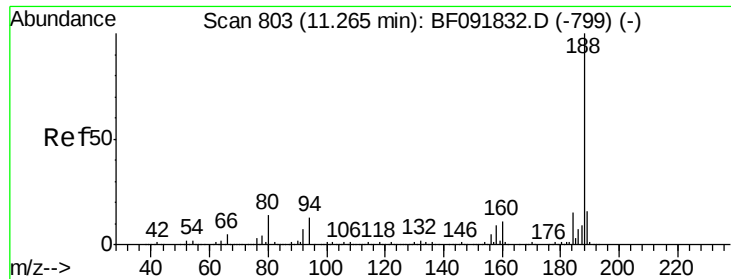
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#49
 Dimethylphthalate
 Concen: 4.66 ng
 RT: 9.41 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF092158.D
 Acq: 10 Jan 2017 00:37

Tgt Ion:	163	Resp:	70126
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	9.5	8.0	12.0





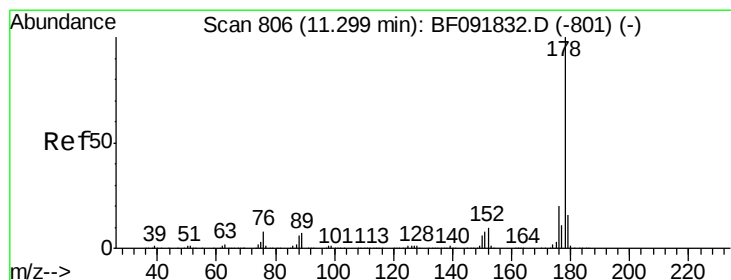
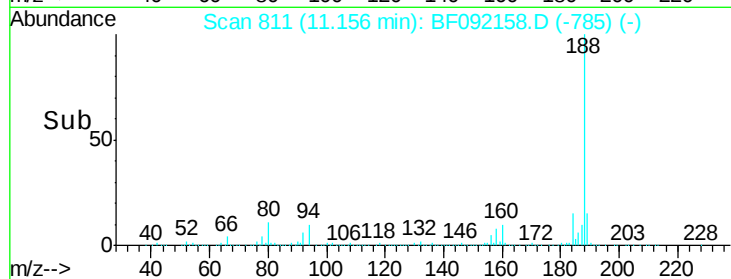
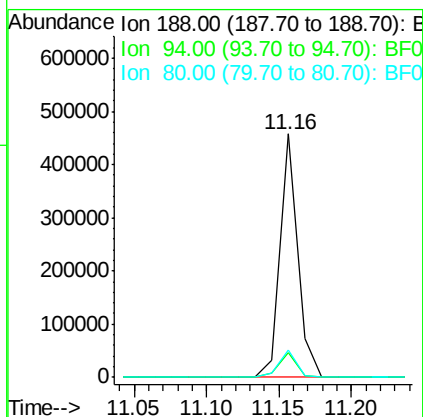
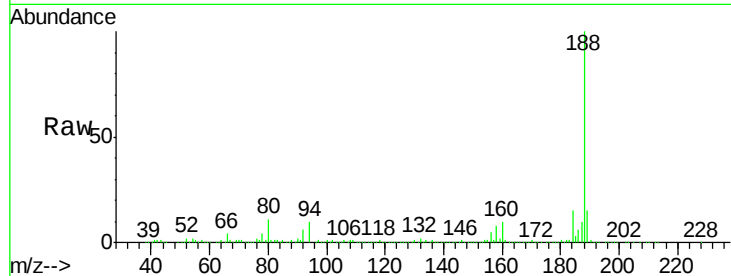
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	389211		
94	10.1		10.0	15.0
80	11.3		11.2	16.8

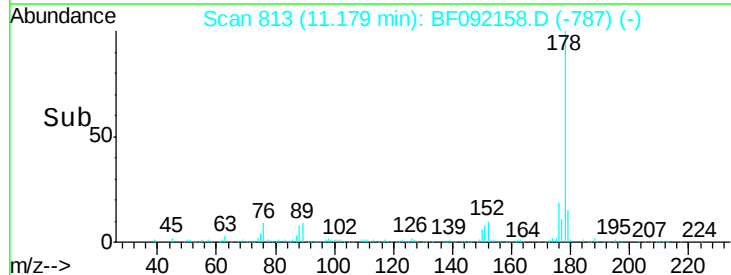
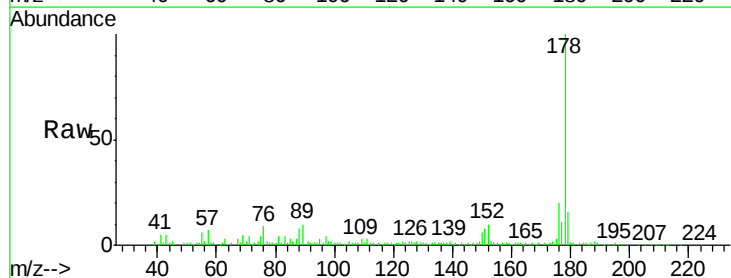
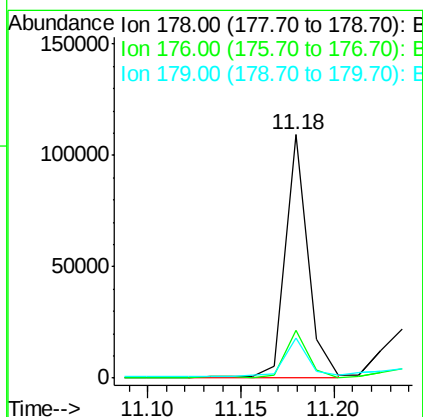
Manual Integrations
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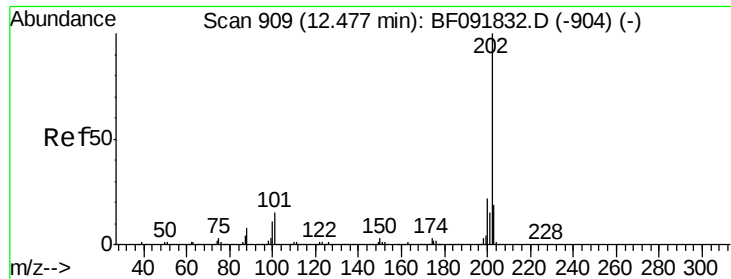
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#70
Phenanthrene
Concen: 4.28 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	90305		
176	19.5		16.6	25.0
179	16.3		12.8	19.2





#74

Fluoranthene

Concen: 2.71 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092158.D

Acq: 10 Jan 2017 00:37

Instrument :

BNA_F

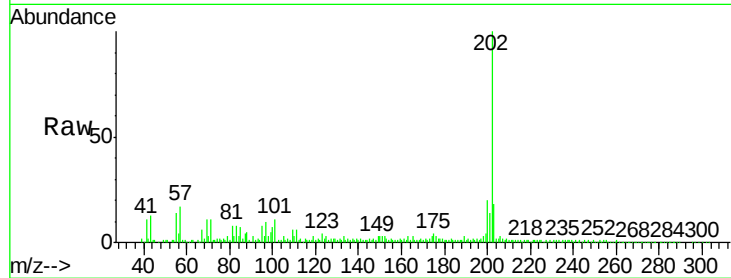
ClientSampleId :

RAP-SP1

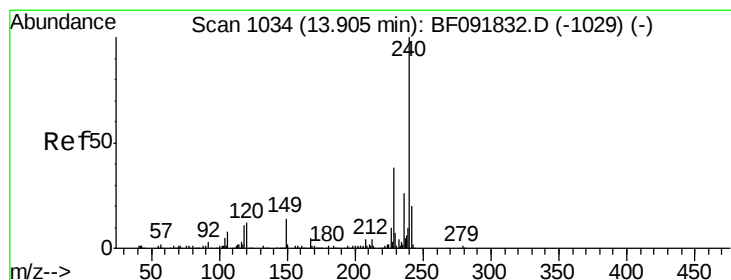
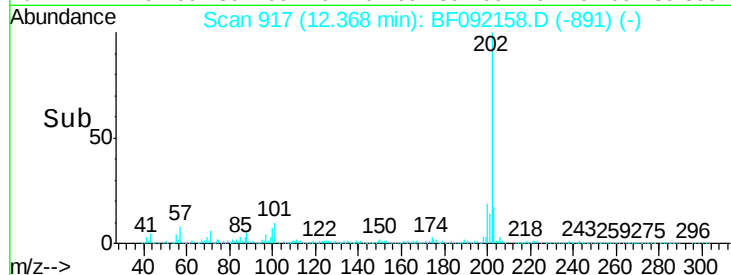
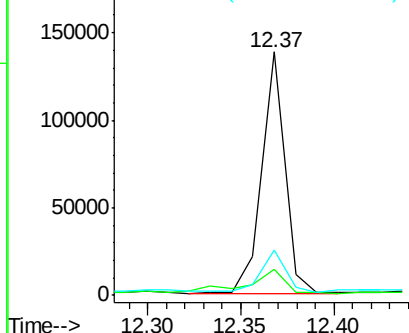
Tgt	Ion:202	Resp:	116705
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.6
203	18.4	0.0	38.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

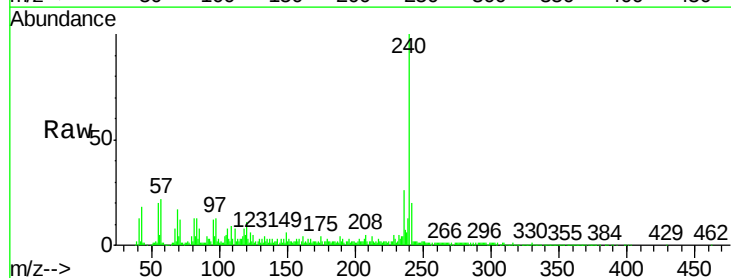
RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

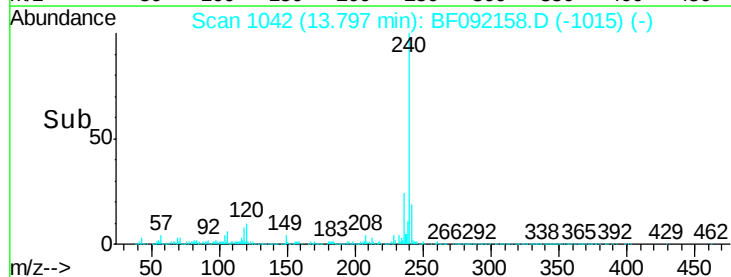
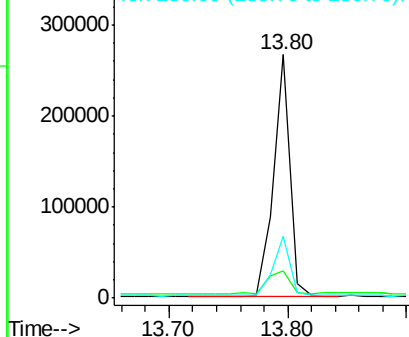
Lab File: BF092158.D

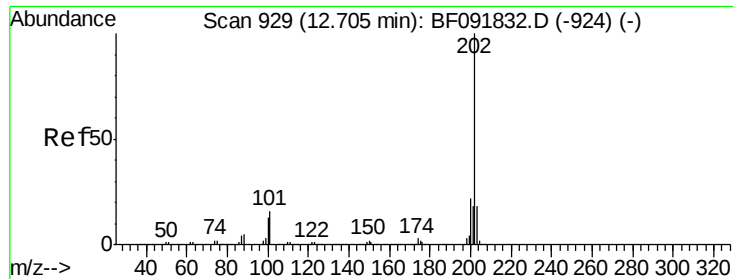
Acq: 10 Jan 2017 00:37

Tgt	Ion:240	Resp:	254134
Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.9	19.3#
236	25.5	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





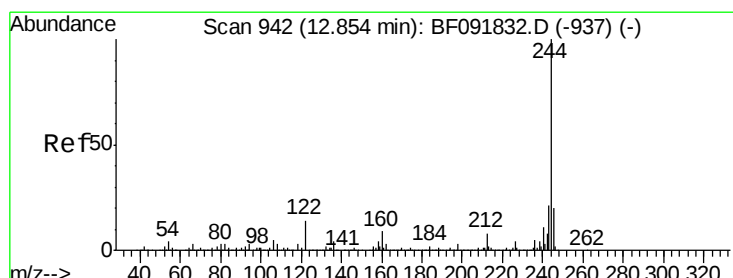
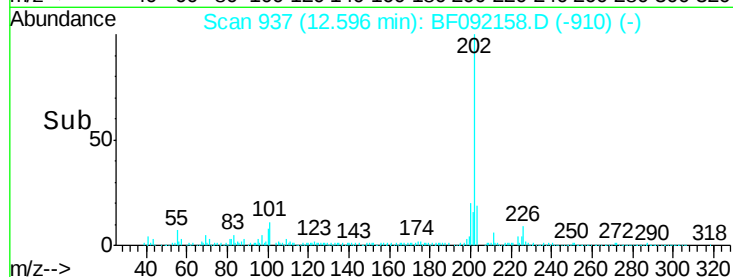
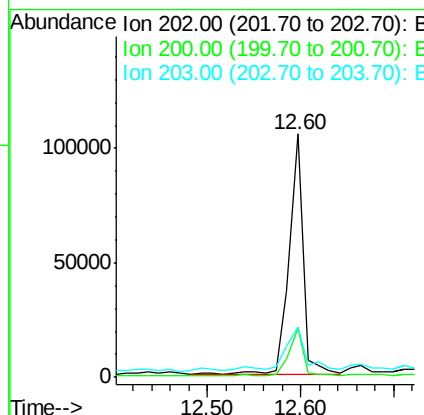
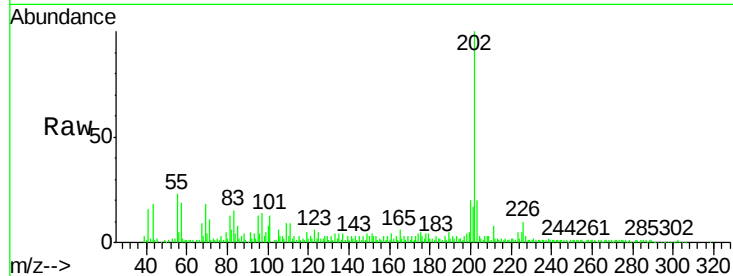
#77
 Pyrene
 Concen: 5.82 ng
 RT: 12.60 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: BF092158.D
 Acq: 10 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampled :
 RAP-SP1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	108553		
200	20.3		17.7	26.5
203	20.5		14.7	22.1

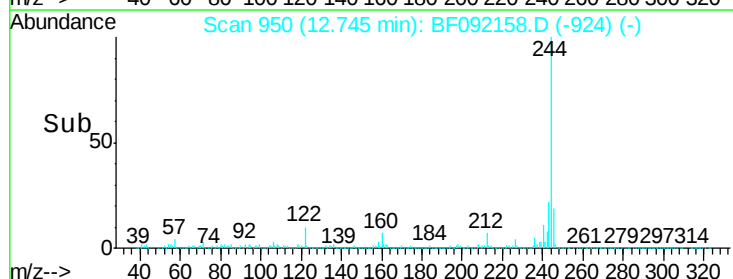
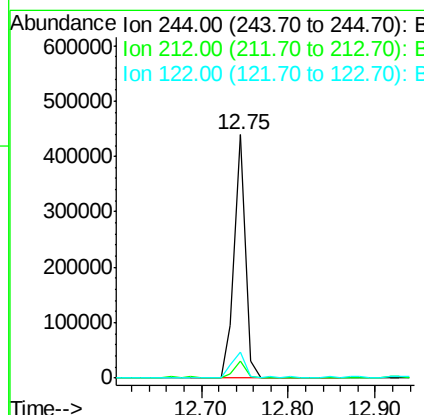
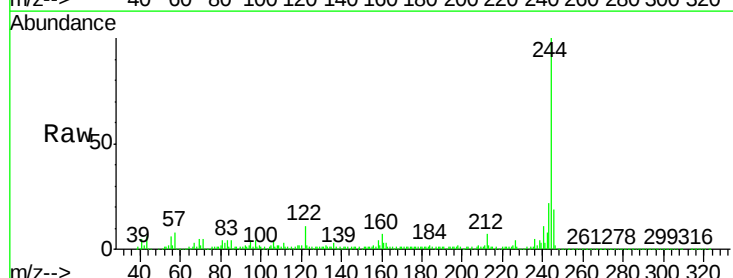
Manual Integrations
 APPROVED

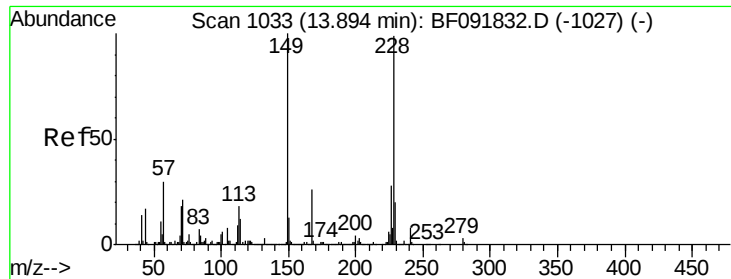
Sohil
 1/10/2017 10:01:46 AM



#78
 Terphenyl-d14
 Concen: 37.04 ng
 RT: 12.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF092158.D
 Acq: 10 Jan 2017 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	388102		
212	6.8		6.2	9.2
122	10.6		11.4	17.2#





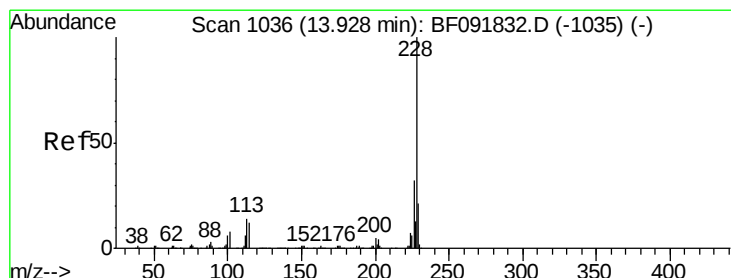
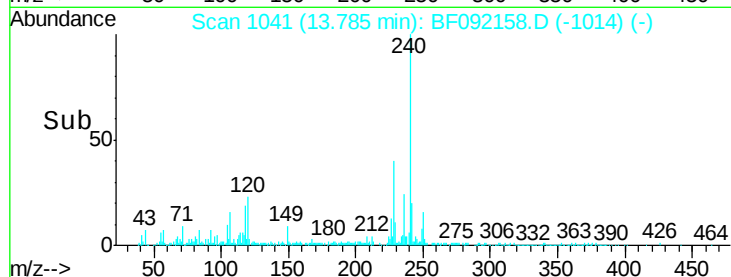
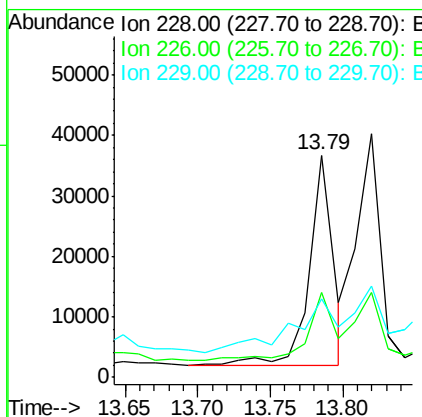
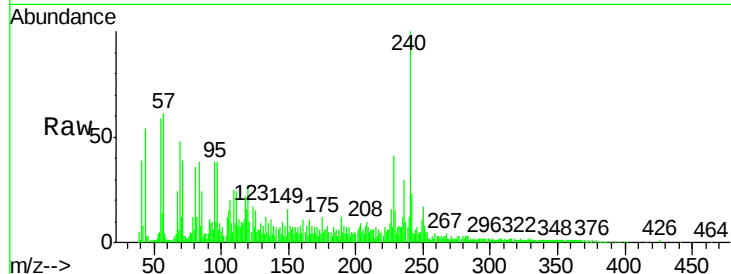
#80
Benzo(a)anthracene
Concen: 2.80 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Instrument :
BNA_F
ClientSampled :
RAP-SP1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.9	22.4	33.6#
229	35.6	16.2	24.4#

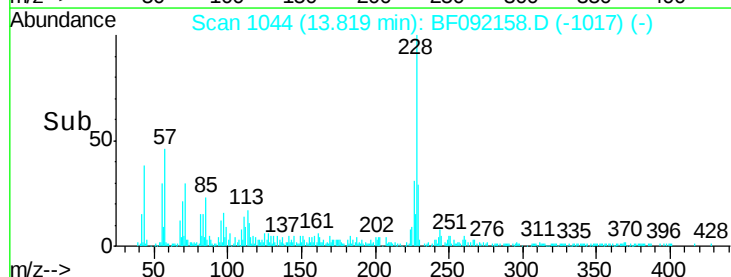
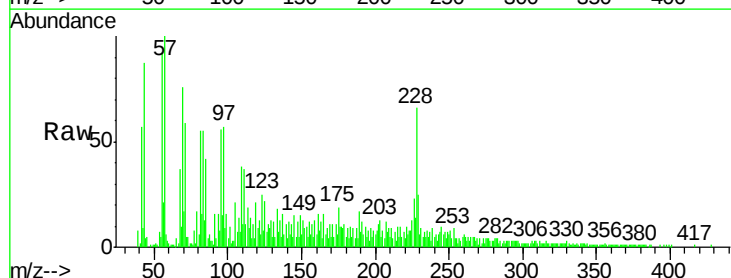
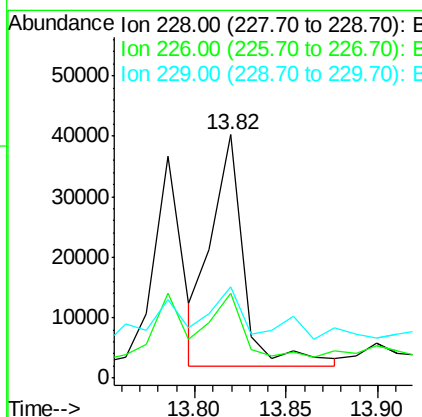
Manual Integrations
APPROVED

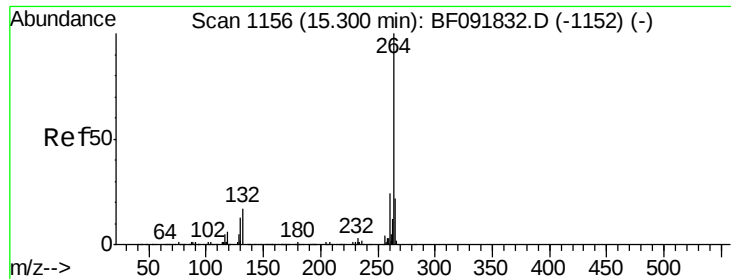
Sohil
1/10/2017 10:01:46 AM



#82
Chrysene
Concen: 3.28 ng m
RT: 13.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	25.4	38.0
229	37.3	16.2	24.2#





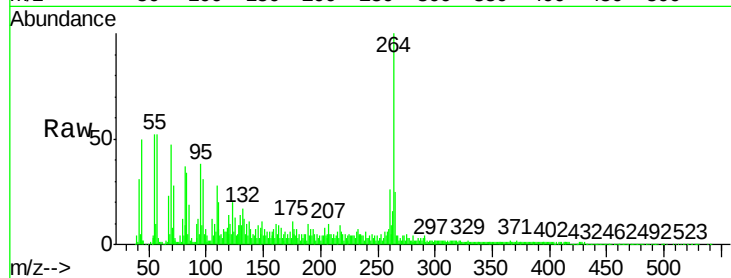
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1163
Delta R.T. 0.03 min
Lab File: BF092158.D
Acq: 10 Jan 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAP-SP1

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		180003		
260	25.6	19.2		28.8	
265	24.9	17.4		26.0	

Manual Integrations
APPROVED

Sohil
1/10/2017 10:01:46 AM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

