

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092090.D
 Acq On : 5 Jan 2017 1:32
 Operator : UM/SJ
 Sample : I1004-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Manual Integrations
 APPROVED

Sohil
 1/5/2017 4:02:21 PM

Quant Time: Jan 05 02:30:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	179334	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	623961	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	292096	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	475988	20.00	ng	0.00
75) Chrysene-d12	13.81	240	452937	20.00	ng	0.00
86) Perylene-d12	15.18	264	366384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	575463	53.58	ng	0.00
7) Phenol-d6	6.32	99	456988	34.85	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1061463	94.60	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	325966	134.85	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	1440564	103.92	ng	0.00
78) Terphenyl-d14	12.77	244	1397417	74.83	ng	0.00
Target Compounds						
10) Phenol	6.34	94	97949	6.56	ng	# 73
37) 2-Methylnaphthalene	8.66	142	69000m	2.65	ng	
57) Fluorene	10.25	166	57881	3.57	ng	# 79
59) Diethylphthalate	10.14	149	67699	3.73	ng	# 53

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

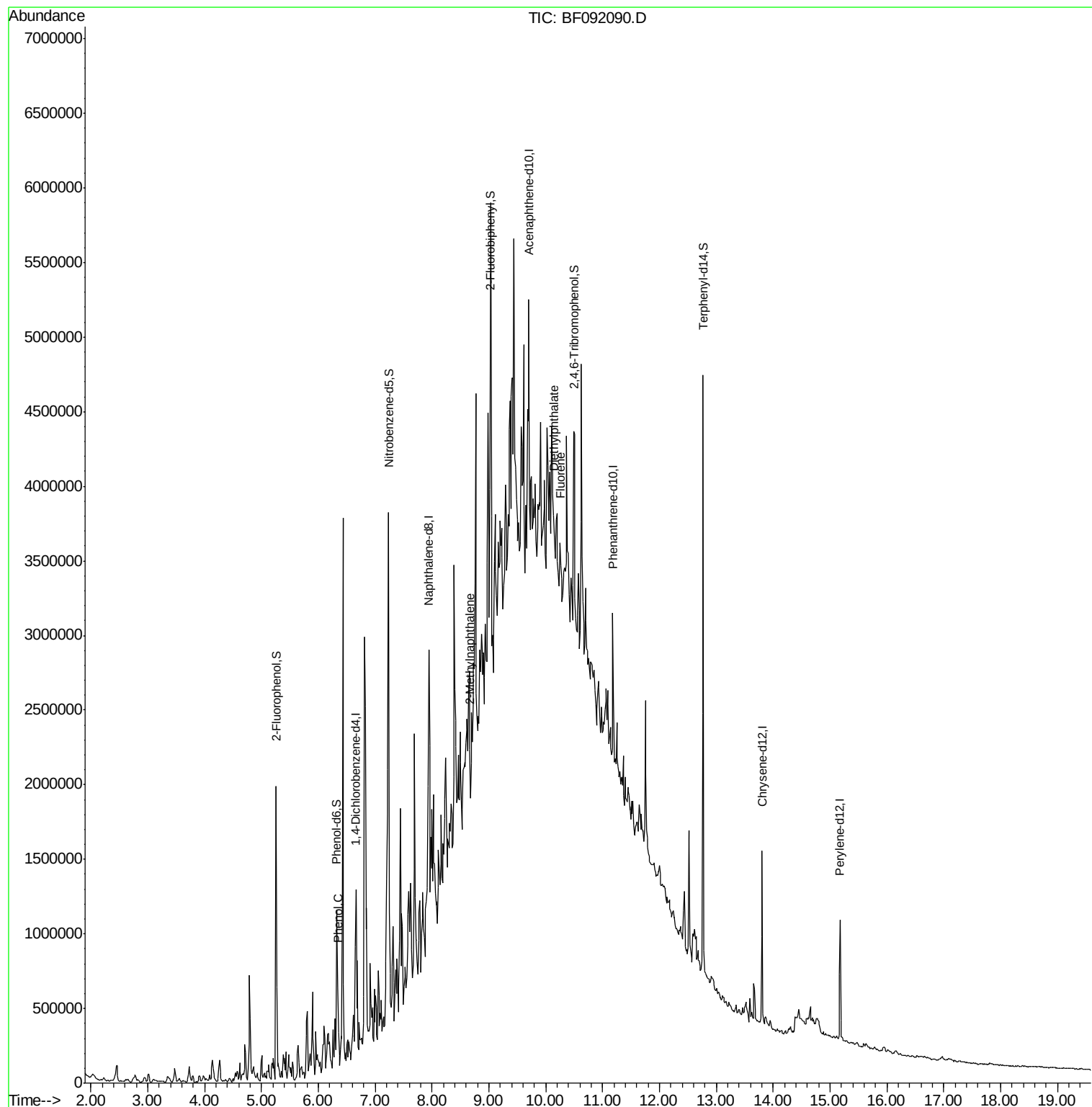
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092090.D
Acq On : 5 Jan 2017 1:32
Operator : UM/SJ
Sample : I1004-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

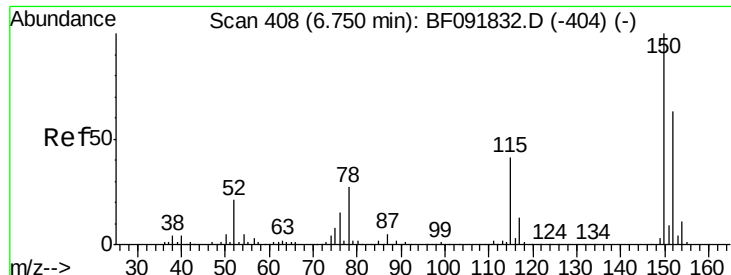
Instrument :
BNA_F
ClientSampleId :
MW-34

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#1

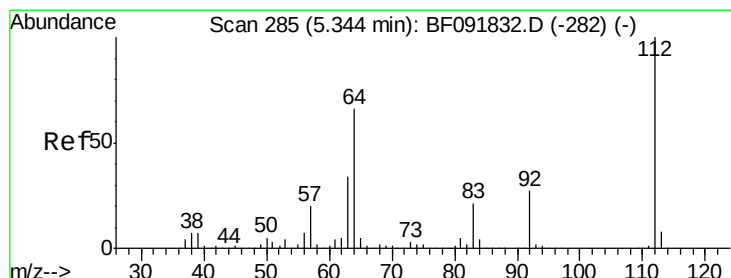
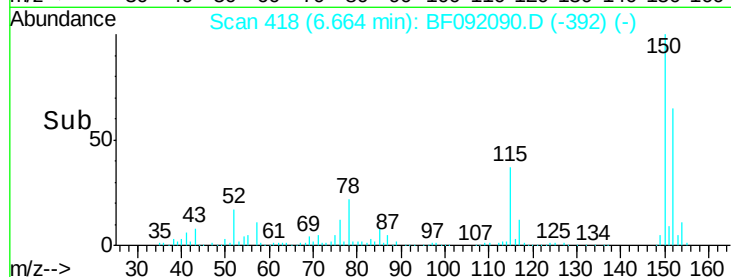
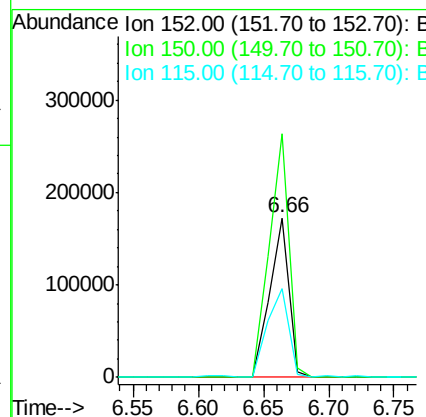
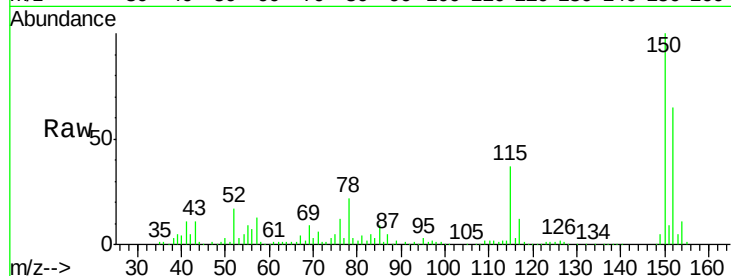
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF092090.D
 Acq: 5 Jan 2017 1:32

Instrument :
 BNA_F
 ClientSampled :
 MW-34

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.9	187.3
115	55.9	46.0	69.0

Manual Integrations
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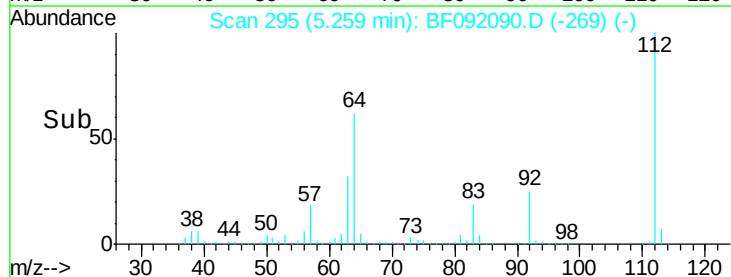
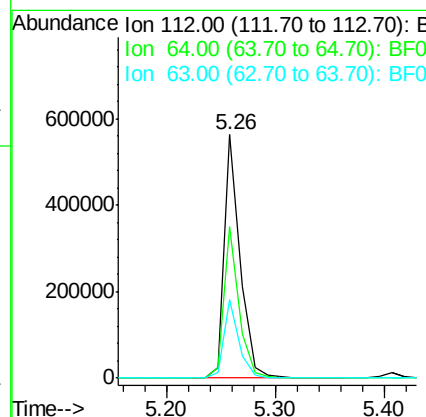
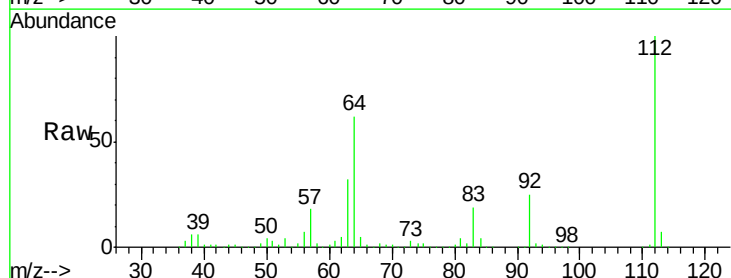
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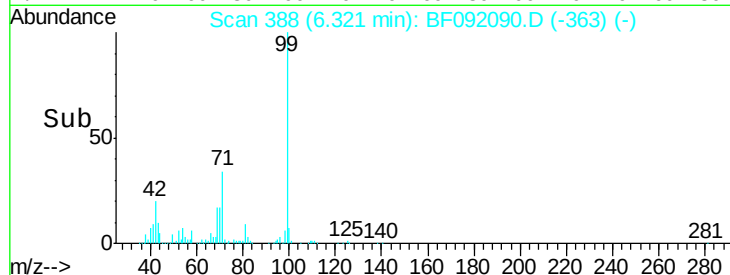
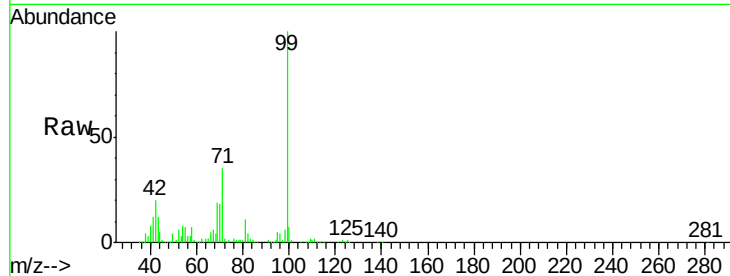
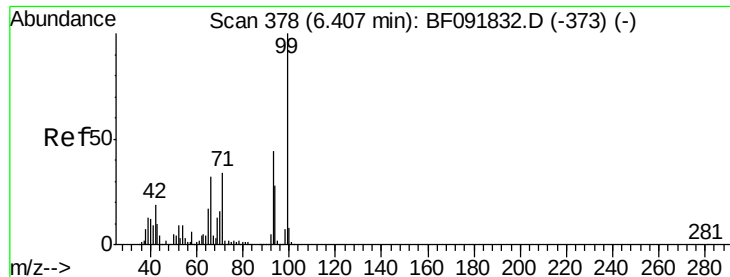


#5

2-Fluorophenol
 Concen: 53.58 ng
 RT: 5.26 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: BF092090.D
 Acq: 5 Jan 2017 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	46.1	69.1
63	32.0	23.8	35.6





#7

Phenol-d6

Concen: 34.85 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092090.D

Acq: 5 Jan 2017 1:32

Tot Ion:	99	Resp:	456988
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.6	23.4
71	34.7	27.5	41.3

Instrument :

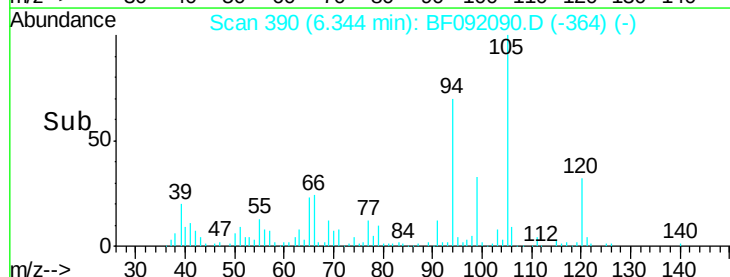
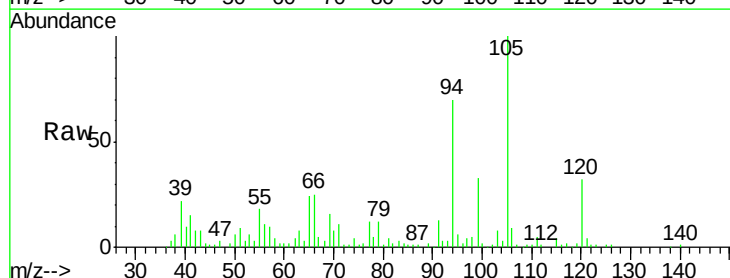
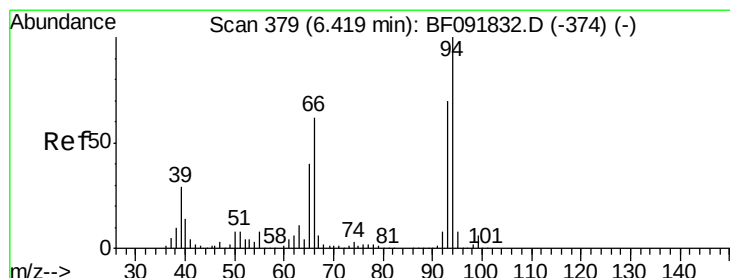
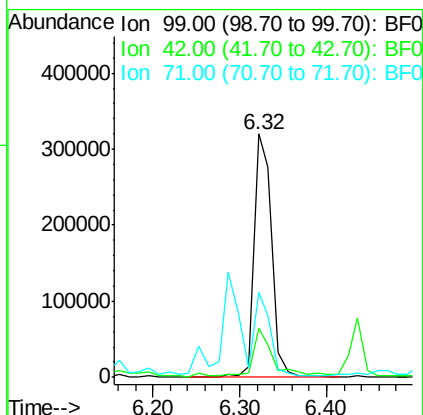
BNA_F

ClientSampleId :

MW-34

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#10

Phenol

Concen: 6.56 ng

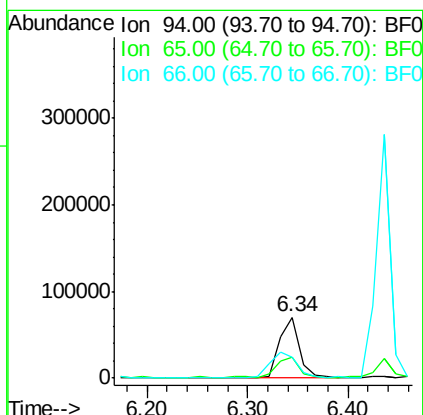
RT: 6.34 min Scan# 390

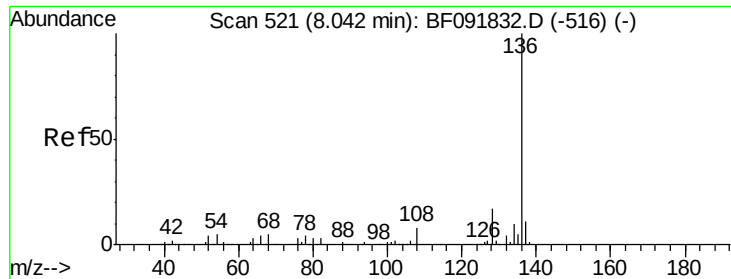
Delta R.T. -0.00 min

Lab File: BF092090.D

Acq: 5 Jan 2017 1:32

Tgt Ion:	94	Resp:	97949
Ion Ratio	Lower	Upper	
94	100		
65	33.6	21.4	61.4
66	35.1	44.0	84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092090.D

Acq: 5 Jan 2017 1:32

Instrument :

BNA_F

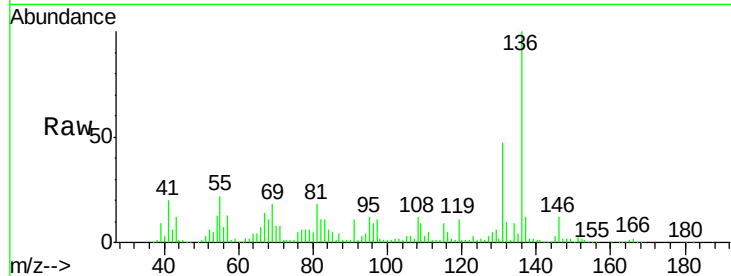
ClientSampleId :

MW-34

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	12.5	8.4	12.6
54	12.9	4.5	6.7#
68	11.4	3.6	5.4#

Manual Integrations
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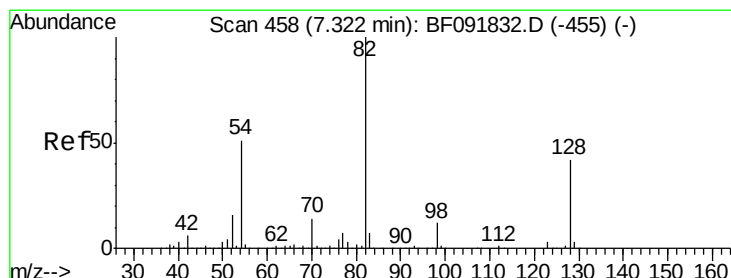
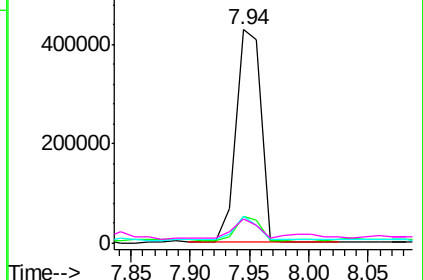
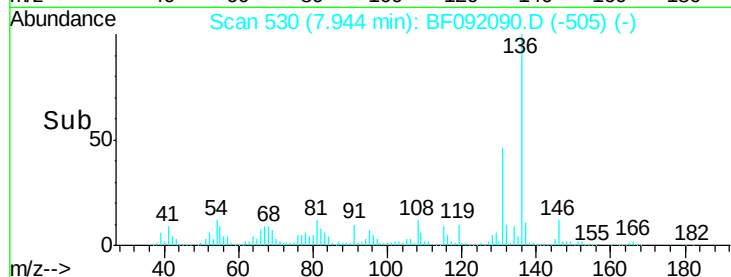


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.60 ng

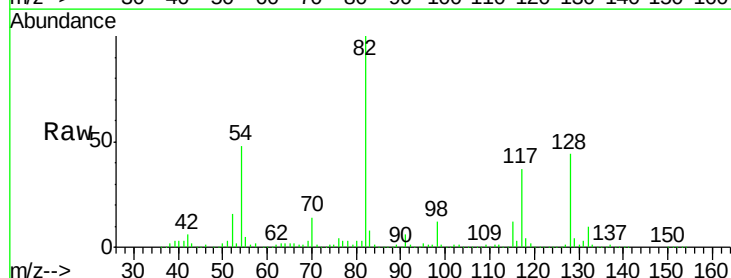
RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092090.D

Acq: 5 Jan 2017 1:32

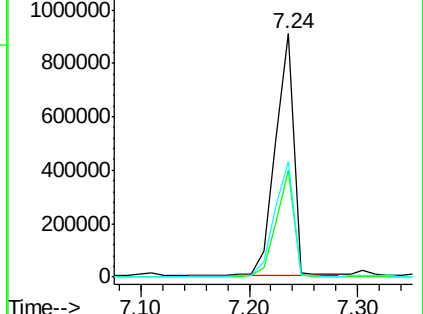
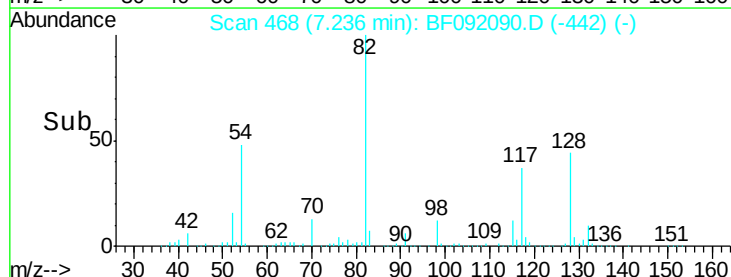
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.8	34.6	52.0
54	47.7	39.5	59.3

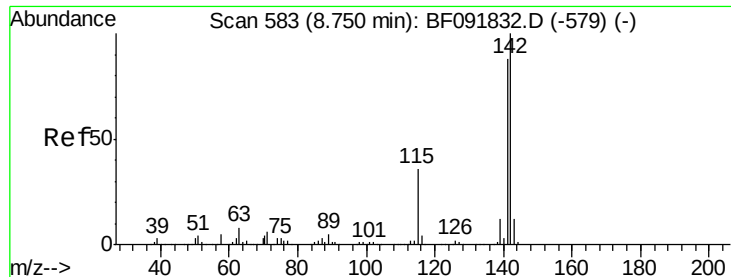


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





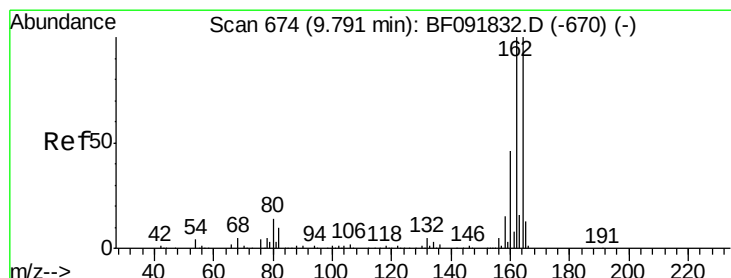
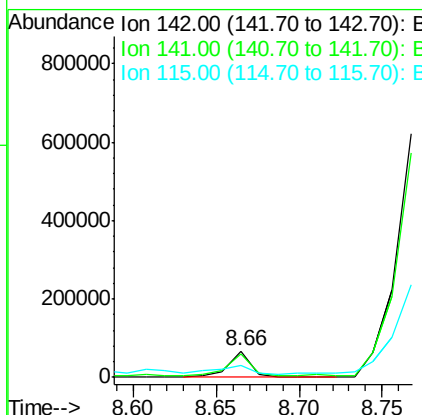
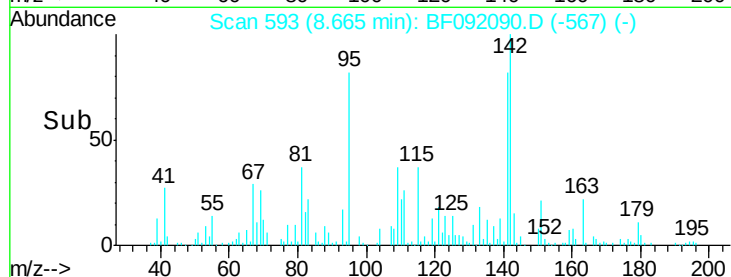
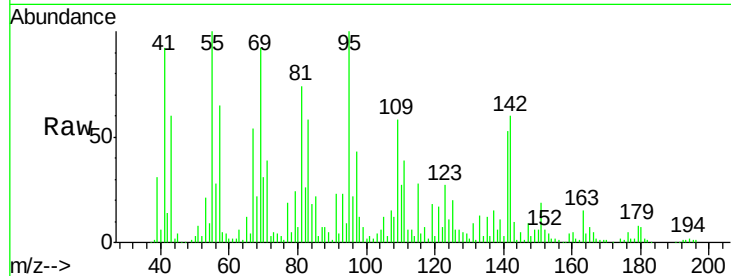
#37
2-Methylnaphthalene
Concen: 2.65 ng/ml
RT: 8.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092090.D
Acq: 5 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	46.2	28.3	42.5

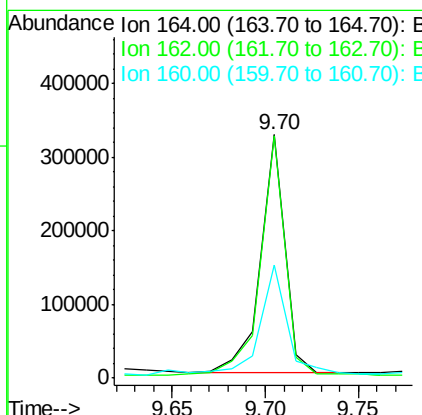
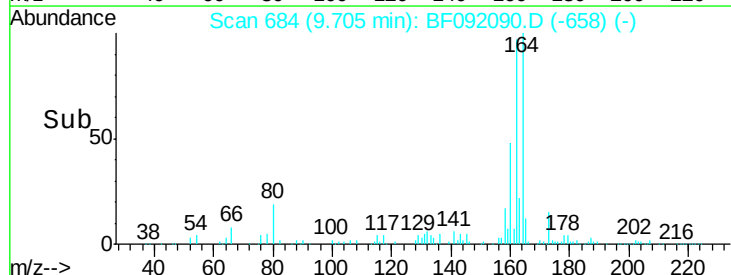
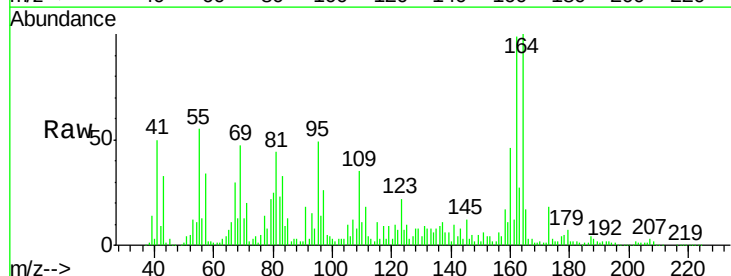
Manual Integrations
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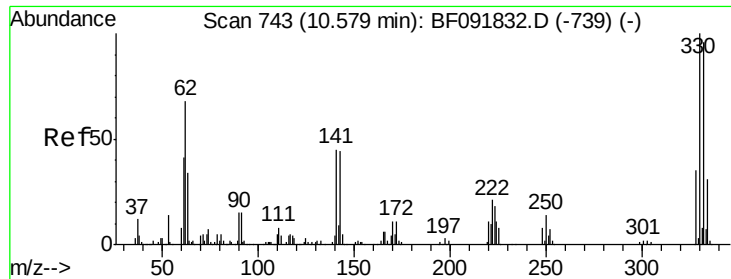
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF092090.D
Acq: 5 Jan 2017 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	46.5	36.9	55.3





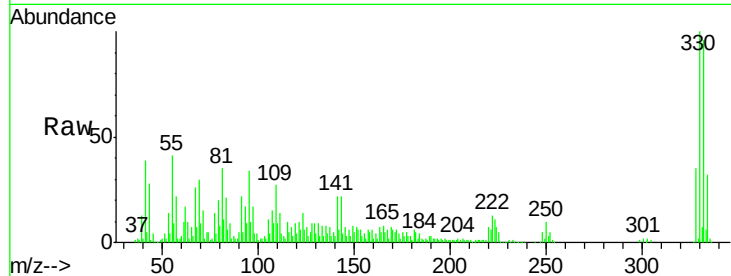
#41
 2,4,6-Tribromophenol
 Concen: 134.85 ng
 RT: 10.50 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF092090.D
 Acq: 5 Jan 2017 1:32

Instrument :
 BNA_F
 ClientSampled :
 MW-34

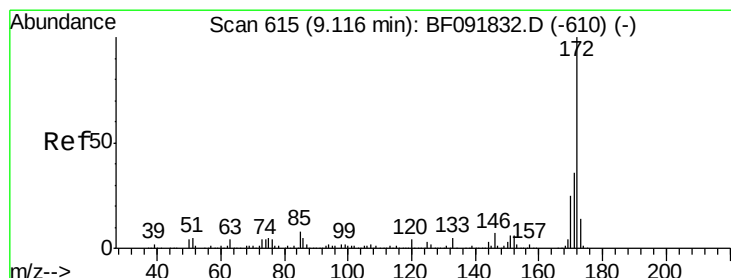
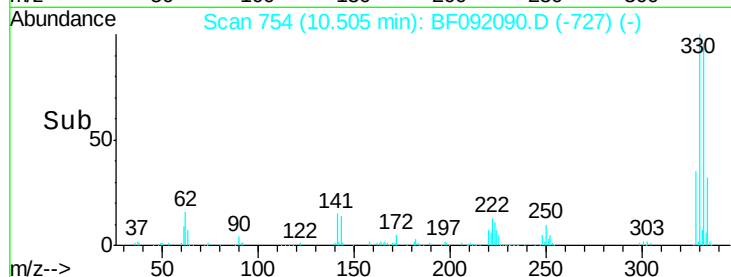
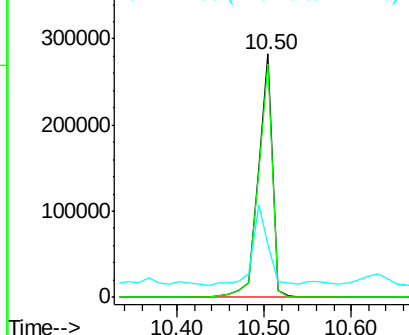
Tot Ion	Ratio	Resp	Lower	Upper
330	100	325966		
332	96.4		77.4	116.2
141	35.2		34.1	51.1

Manual Integrations
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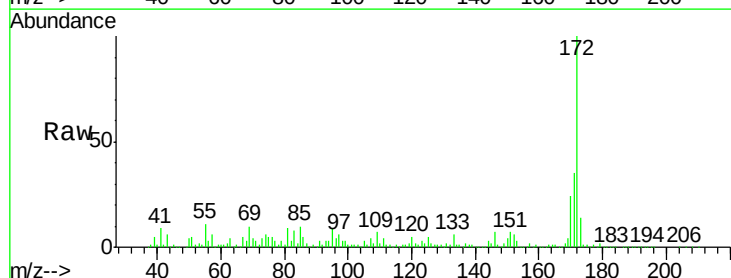


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

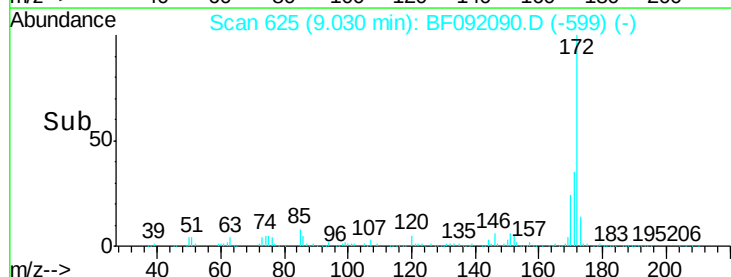
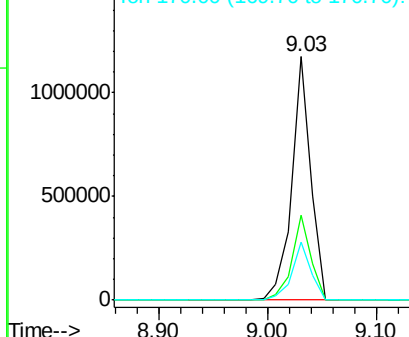


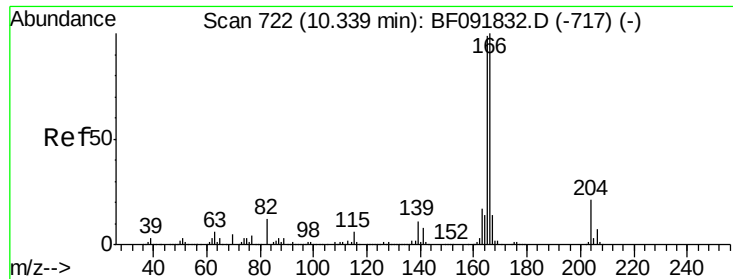
#44
 2-Fluorobiphenyl
 Concen: 103.92 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092090.D
 Acq: 5 Jan 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1440564		
171	35.1		29.4	44.0
170	23.9		20.2	30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





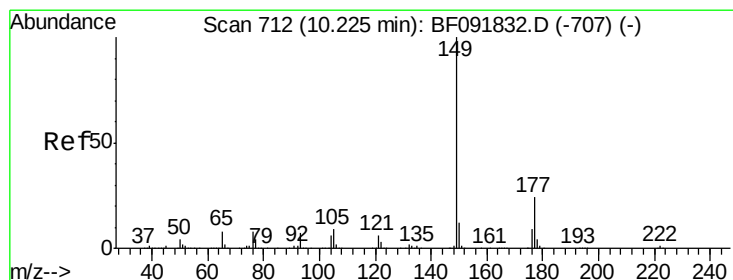
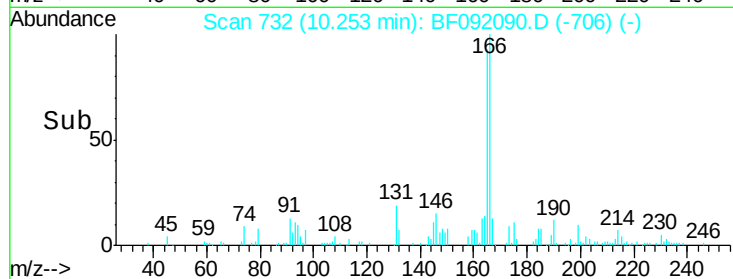
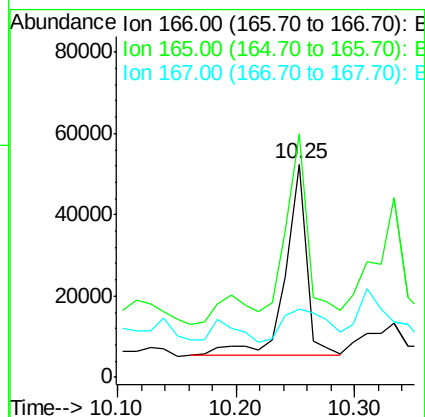
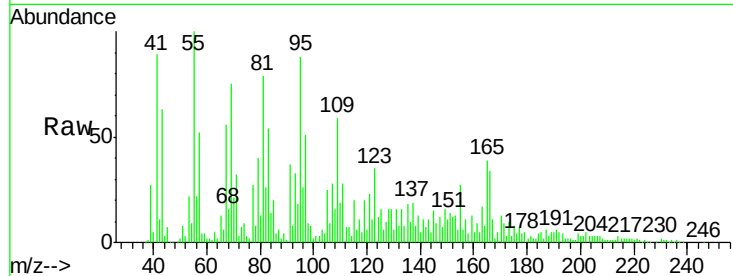
#57
Fluorene
Concen: 3.57 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF092090.D
Acq: 5 Jan 2017 1:32

Instrument :
BNA_F
ClientSampled :
MW-34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		57881		
165	114.0	77.8		116.8	
167	32.0	10.8		16.2	

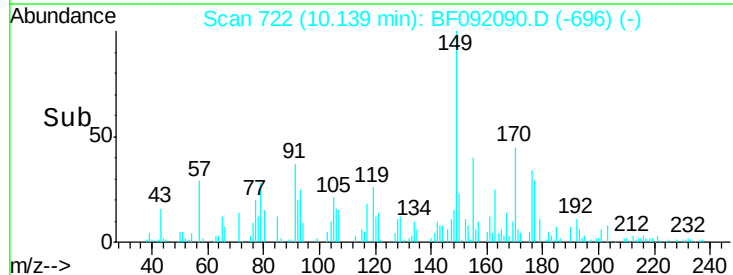
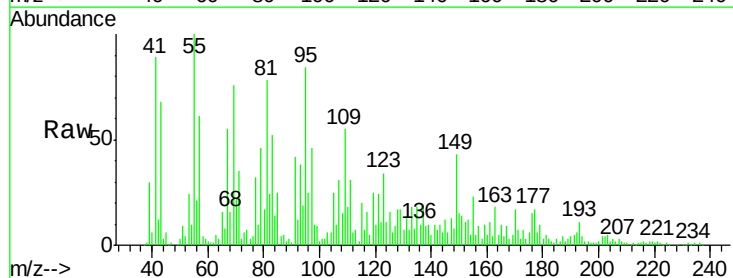
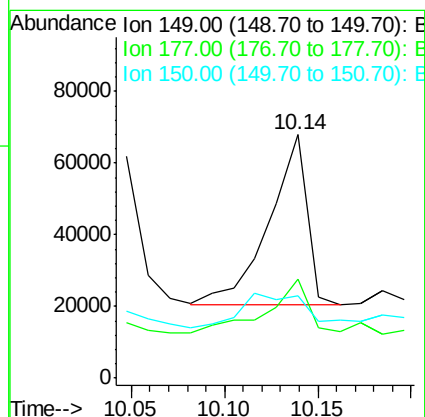
Manual Integrations
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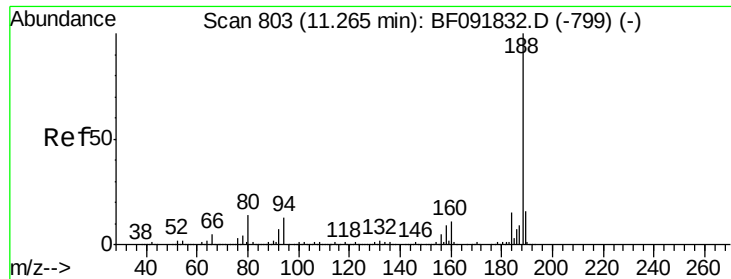
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#59
Diethylphthalate
Concen: 3.73 ng
RT: 10.14 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092090.D
Acq: 5 Jan 2017 1:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		67699		
177	40.7	16.6		25.0	
150	34.1	10.4		15.6	





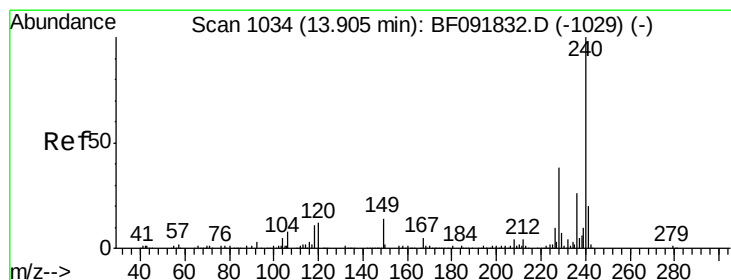
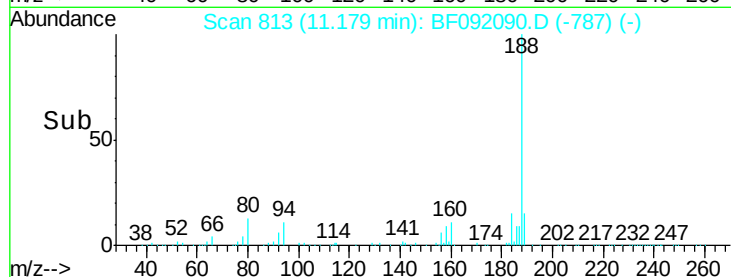
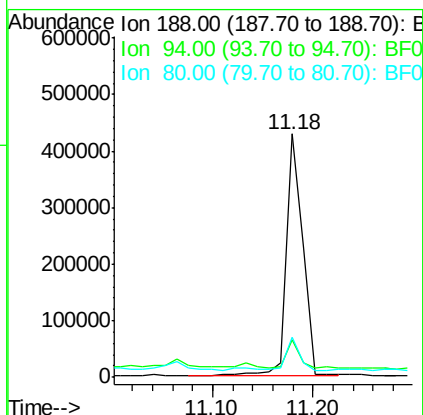
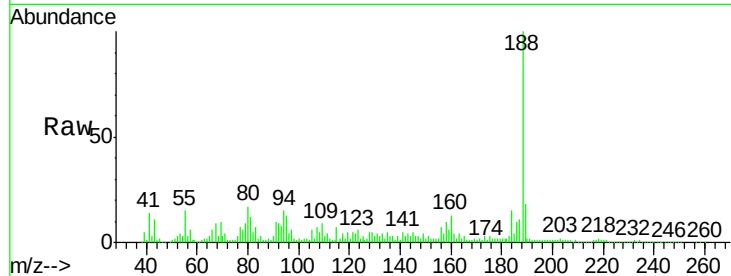
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092090.D
Acq: 5 Jan 2017 1:32

Instrument :
BNA_F
ClientSampled :
MW-34

Tot Ion	Ratio	Resp	Lower	Upper
188	100	475988		
94	15.4	10.0	15.0#	
80	16.6	11.2	16.8	

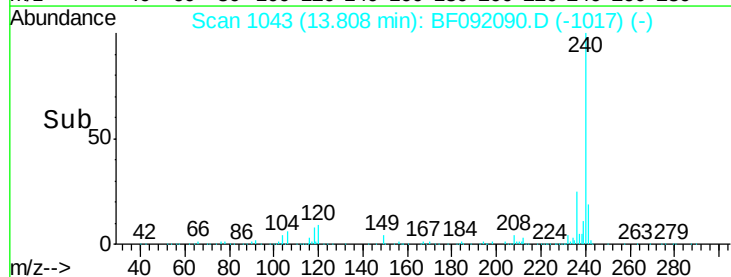
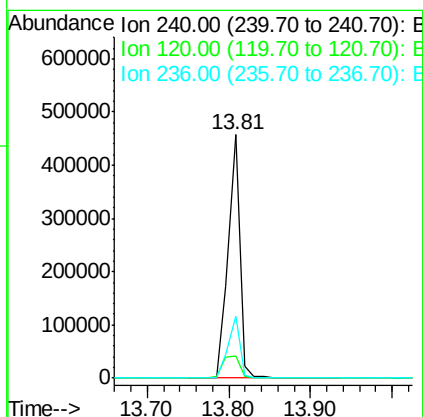
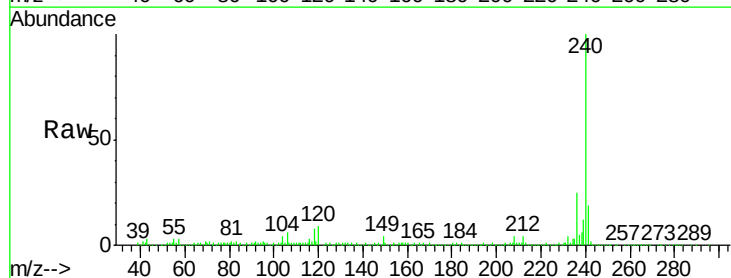
Manual Integrations
APPROVED

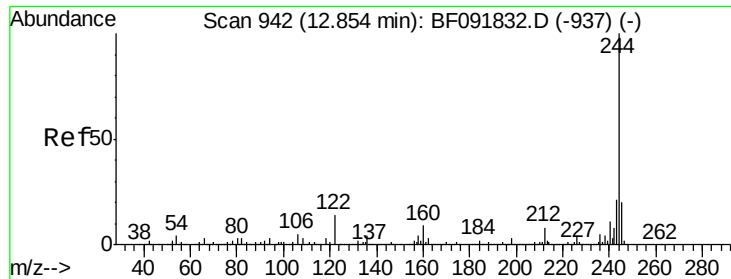
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF092090.D
Acq: 5 Jan 2017 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	452937		
120	9.1	12.9	19.3#	
236	25.5	20.9	31.3	





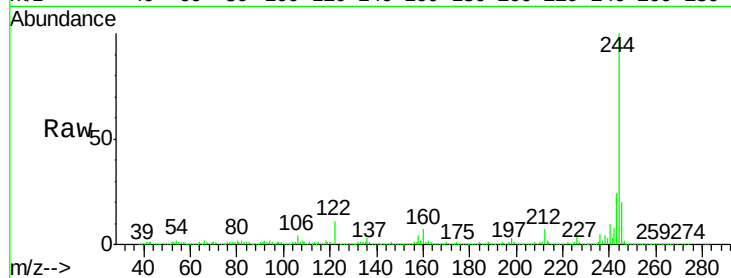
#78
 Terphenyl-d14
 Concen: 74.83 ng
 RT: 12.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092090.D
 Acq: 5 Jan 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

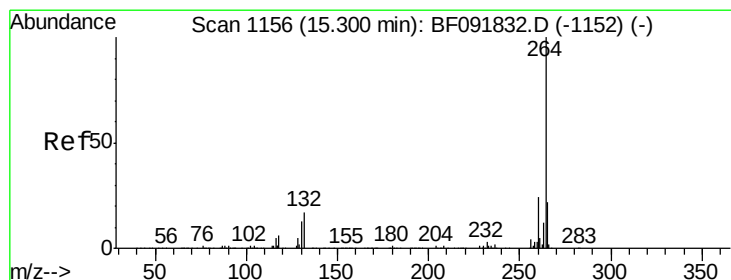
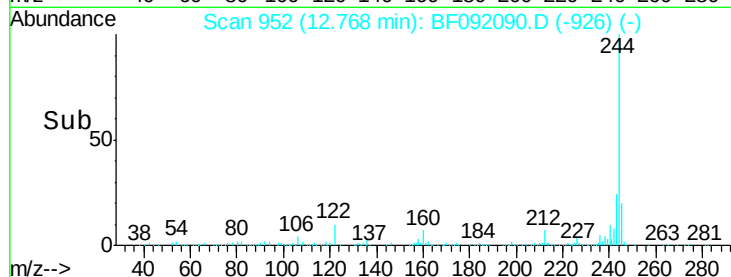
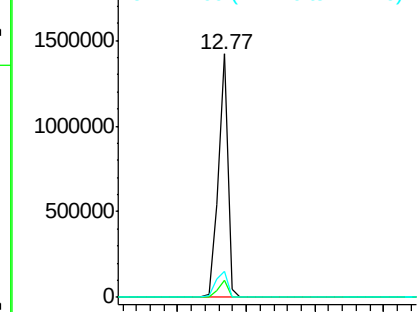
Tot Ion	Ion	Ratio	Lower	Upper
244	100			
212	7.1	6.2	9.2	
122	10.5	11.4	17.2	

Manual Integrations
 APPROVED

Sohil
 1/5/2017 4:02:21 PM

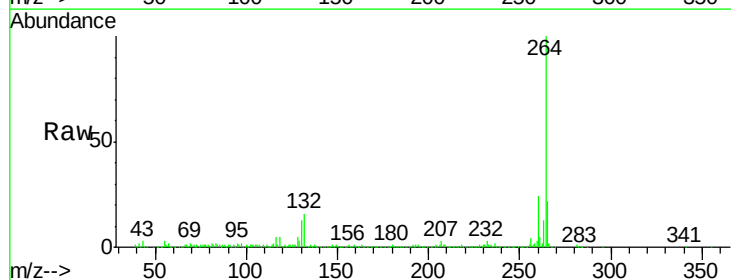


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF092090.D
 Acq: 5 Jan 2017 1:32

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.3	19.2	28.8	
265	21.7	17.4	26.0	



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

