

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092245.D
 Acq On : 13 Jan 2017 13:18
 Operator : UM/SJ
 Sample : I1131-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-003

Manual Integrations
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Sohil
 1/16/2017 12:00:38 PM

Quant Time: Jan 16 09:59:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 12:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	189687	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	729832	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	322703	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	450626	20.00	ng	0.00
75) Chrysene-d12	13.72	240	325279	20.00	ng	-0.01
86) Perylene-d12	15.08	264	310106	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1962360	172.74	ng	0.02
7) Phenol-d6	6.26	99	2157786	155.57	ng	0.00
23) Nitrobenzene-d5	7.16	82	1266662	96.51	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	393647	147.40	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1957662	131.33	ng	0.00
78) Terphenyl-d14	12.68	244	1146125	85.45	ng	-0.01
Target Compounds						
10) Phenol	6.27	94	44707	2.83	ng	92
49) Dimethylphthalate	9.35	163	450964	21.85	ng	99
70) Phenanthrene	11.12	178	60873	2.49	ng	97
77) Pyrene	12.53	202	67282	2.82	ng	97
87) Benzo(b)fluoranthene	14.71	252	42095m	2.18	ng	

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

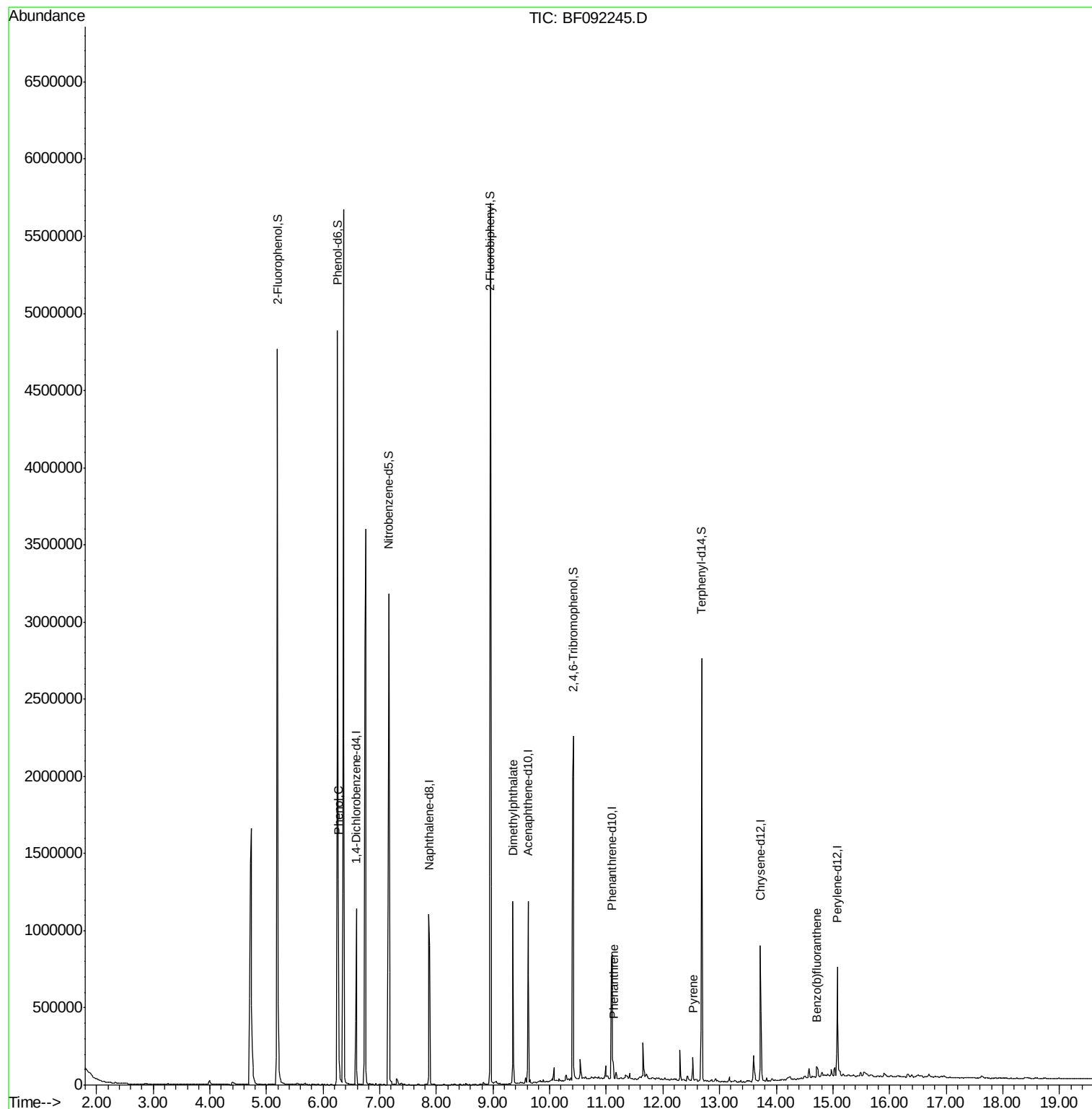
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092245.D
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Sample : I1131-06
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ALS Vial : 8 Sample Multiplier: 1

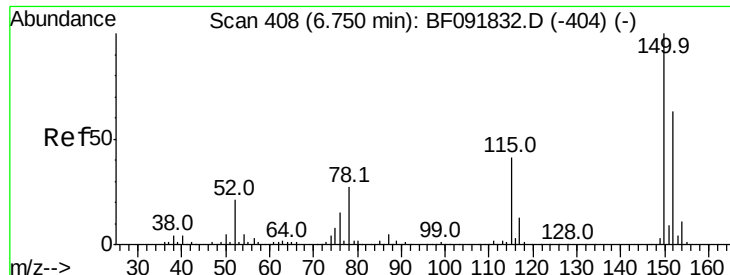
Instrument :
BNA_F
ClientSampleId :
SW-003

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Quant Time: Jan 16 09:59:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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#1

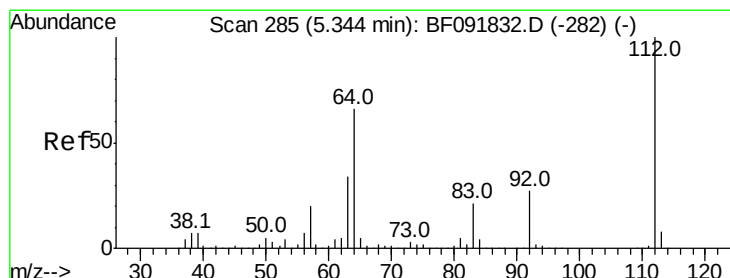
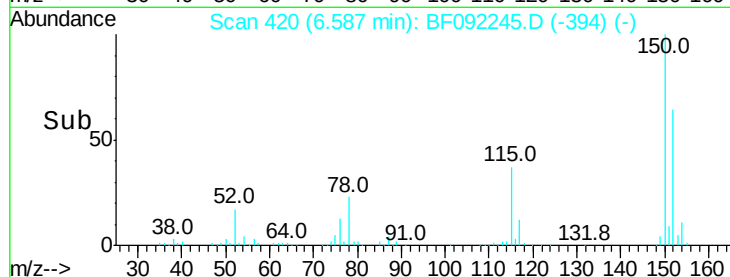
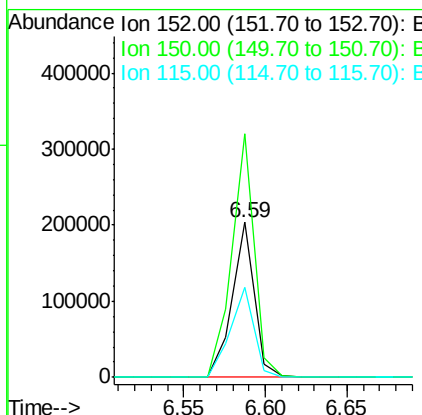
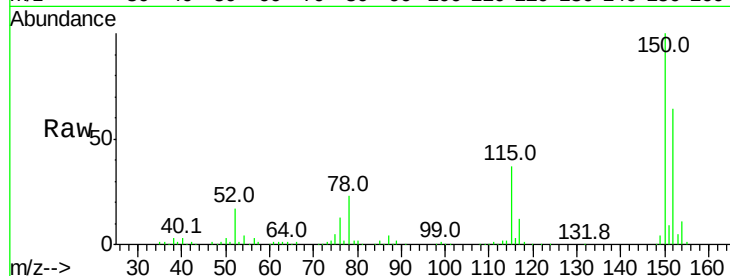
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampled :
SW-003

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.9	187.3
115	57.8	46.0	69.0

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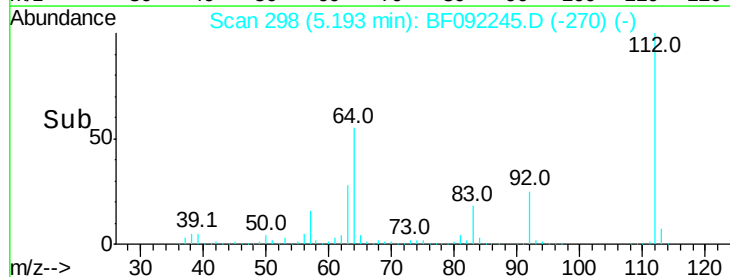
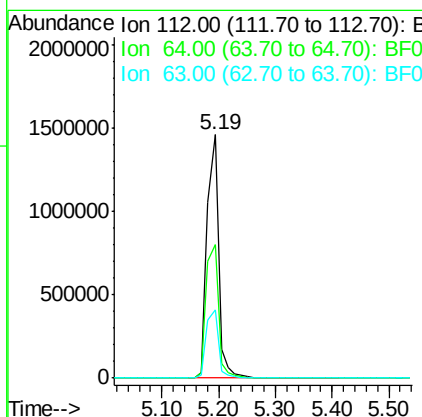
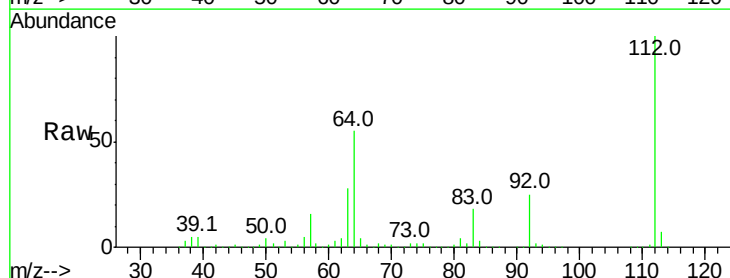
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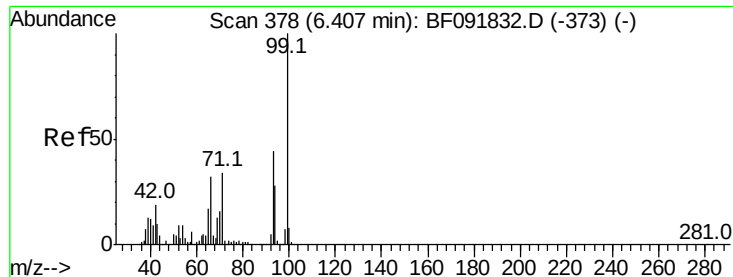


#5

2-Fluorophenol
Concen: 172.74 ng
RT: 5.19 min Scan# 298
Delta R.T. 0.02 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.1	69.1
63	27.9	23.8	35.6





#7

Phenol-d6

Concen: 155.57 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

Tot Ion: 99 Resp: 2157786

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

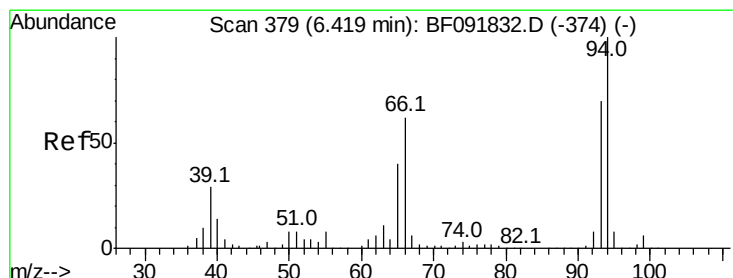
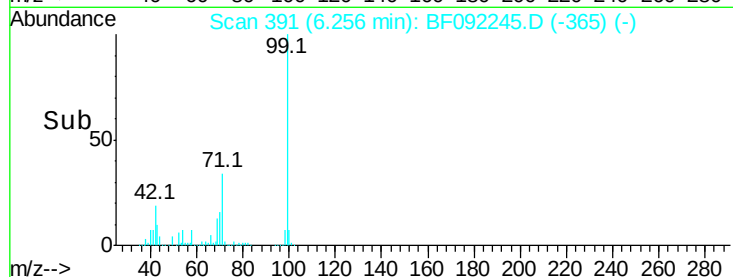
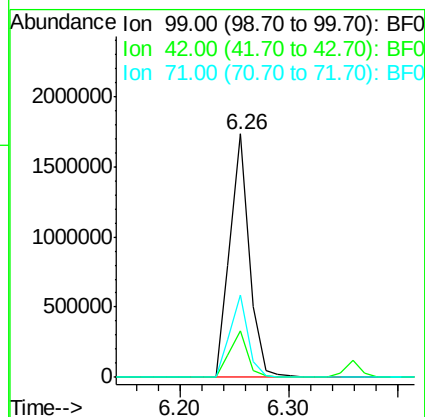
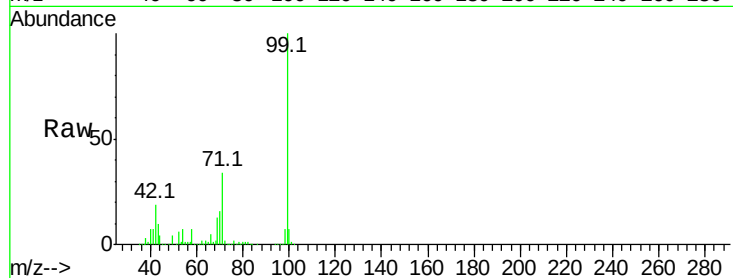
71 33.7 27.5 41.3

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#10

Phenol

Concen: 2.83 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

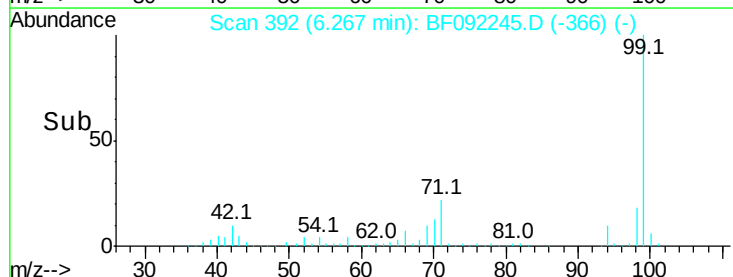
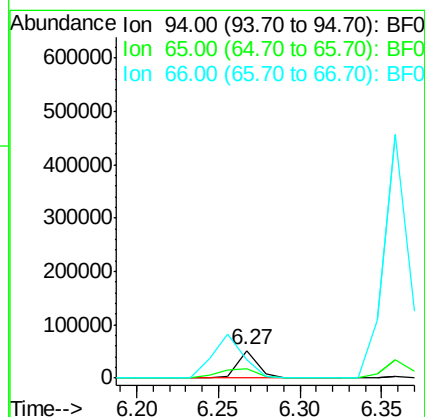
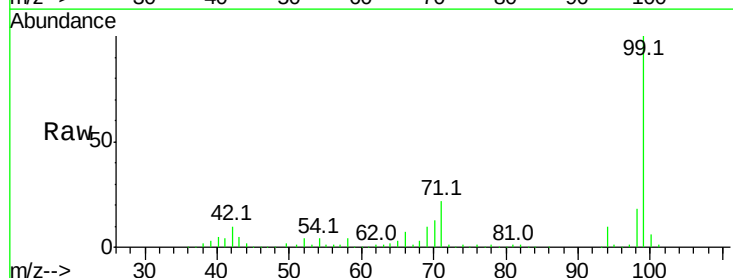
Tgt Ion: 94 Resp: 44707

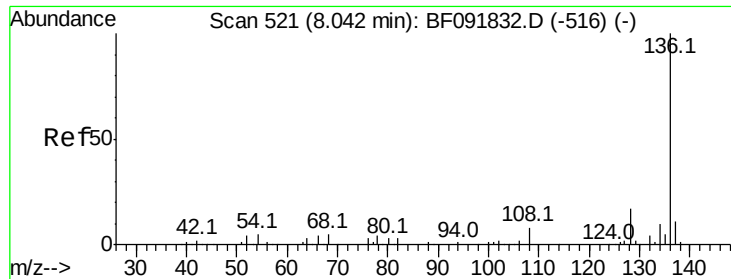
Ion Ratio Lower Upper

94 100

65 33.4 21.4 61.4

66 67.2 44.0 84.0





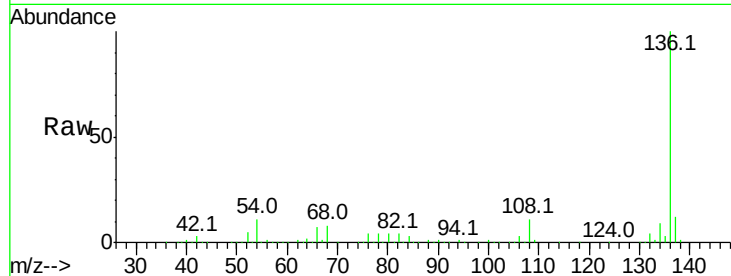
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SW-003

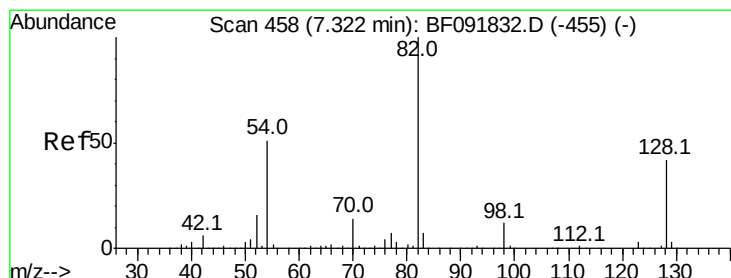
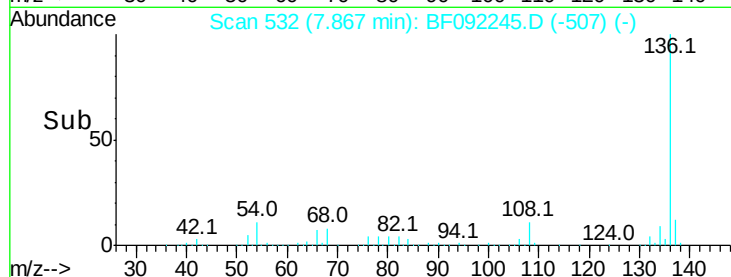
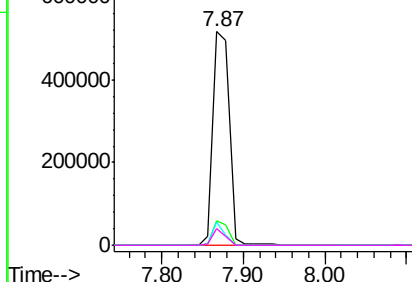
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	10.6	4.5	6.7#
68	7.9	3.6	5.4#

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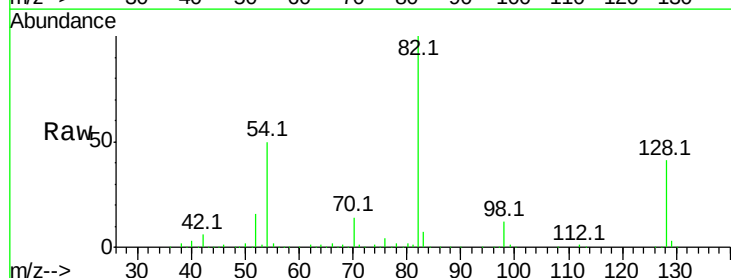


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF0
400000
Ion 68.00 (67.70 to 68.70): BF0
200000
0

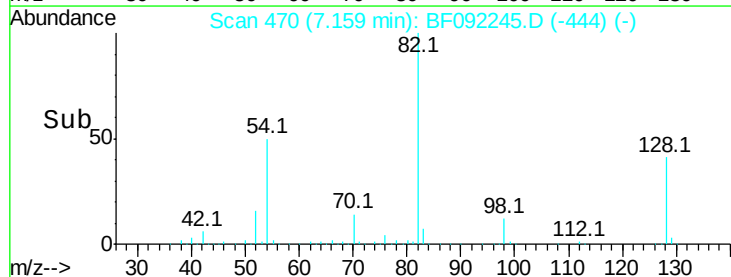
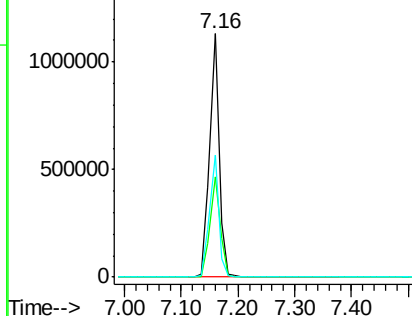


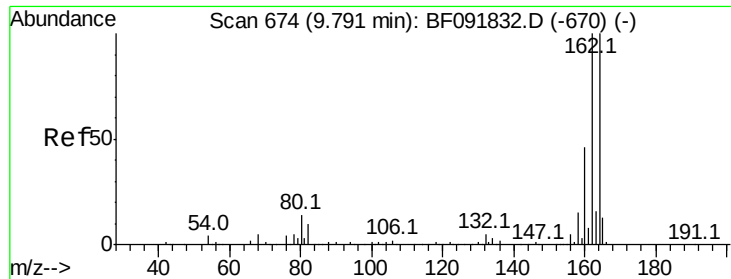
#23
Nitrobenzene-d5
Concen: 96.51 ng
RT: 7.16 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	52.0
54	50.2	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
1500000
Ion 128.00 (127.70 to 128.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF0
500000
0





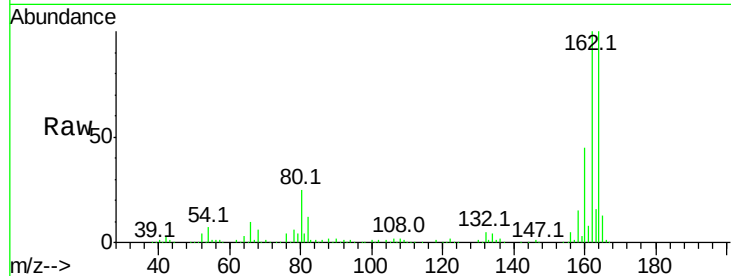
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SW-003

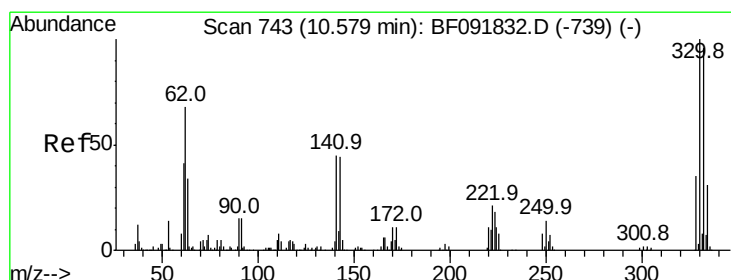
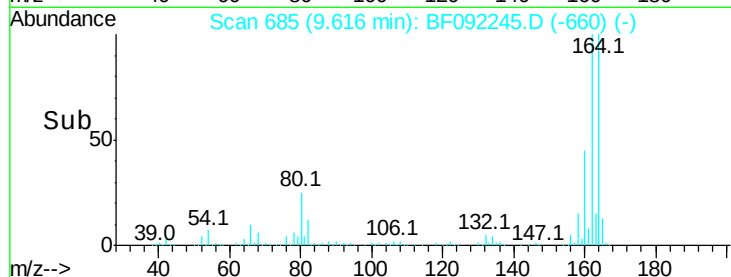
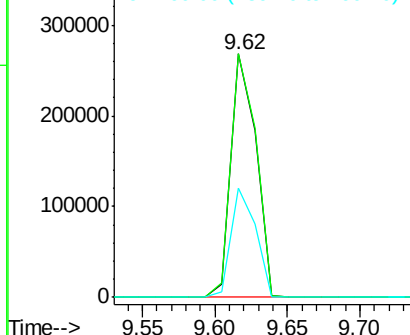
Tot Ion	Ratio	Resp	Lower	Upper
164	100	322703		
162	100.1	80.2	120.2	
160	44.6	36.9	55.3	

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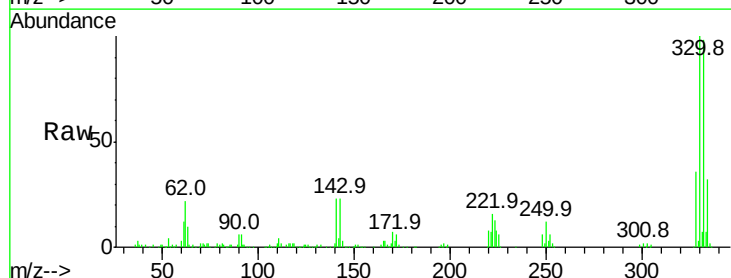


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

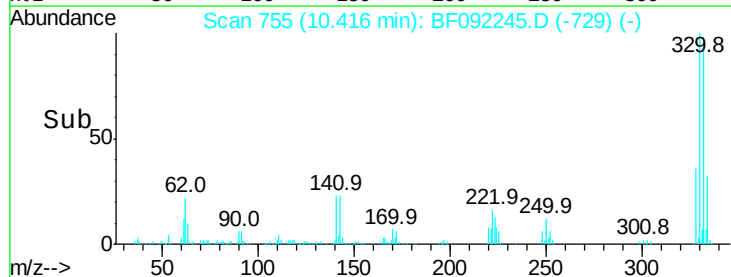
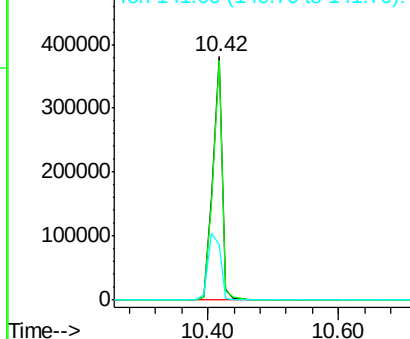


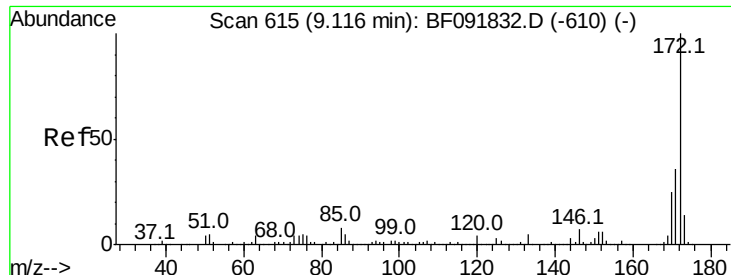
#41
2,4,6-Tribromophenol
Concen: 147.40 ng
RT: 10.42 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	393647		
332	97.4	77.4	116.2	
141	36.1	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





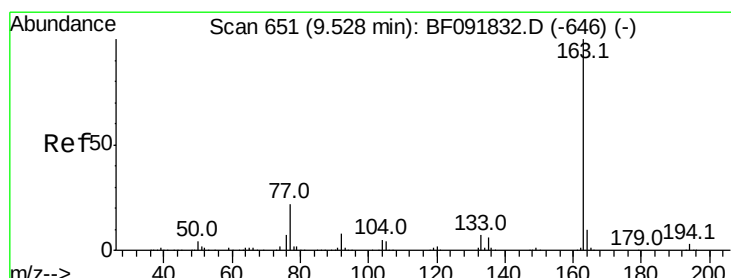
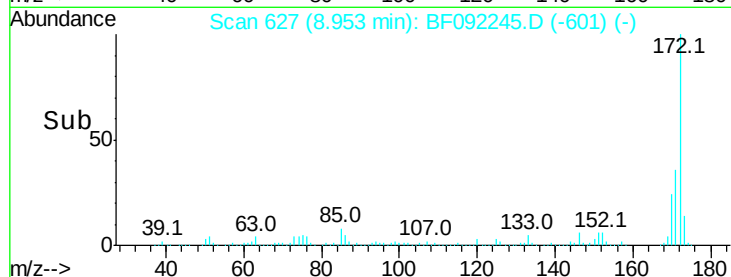
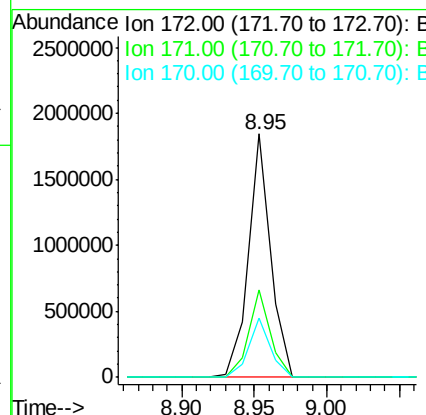
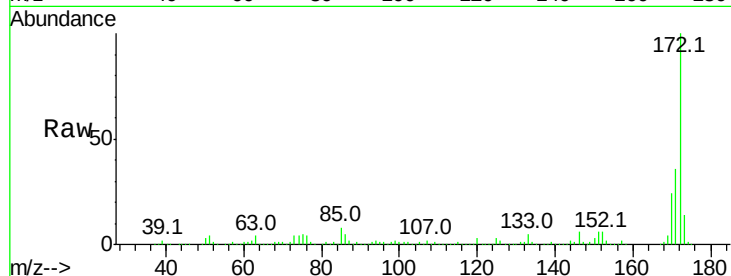
#44
2-Fluorobiphenyl
Concen: 131.33 ng
RT: 8.95 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampled :
SW-003

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.2	30.4

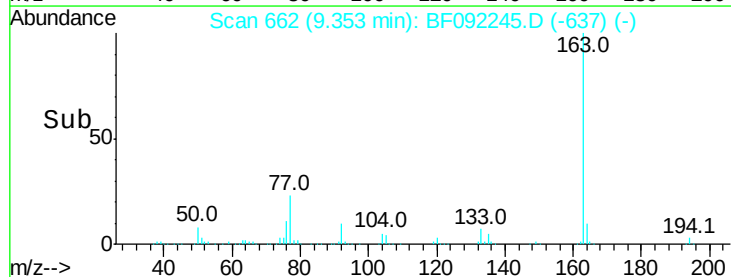
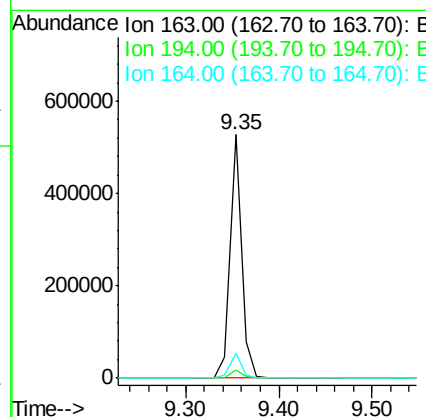
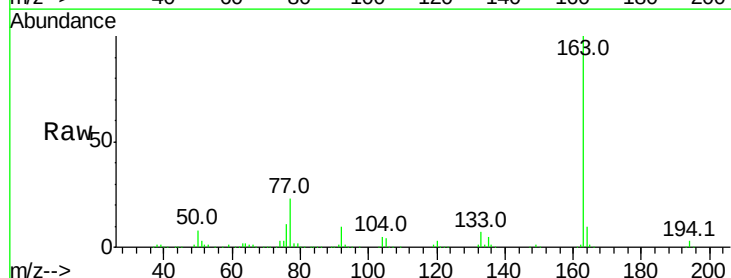
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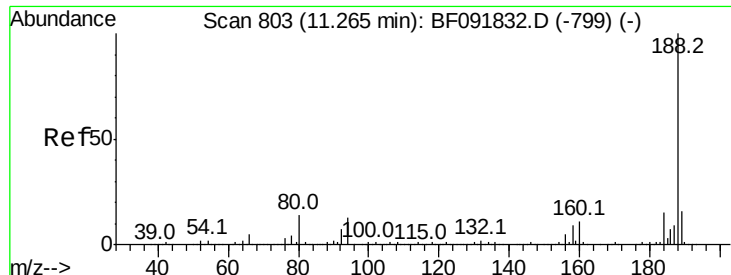
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#49
Dimethylphthalate
Concen: 21.85 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.3	8.0	12.0





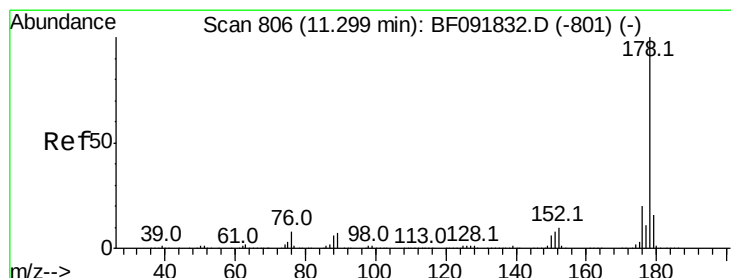
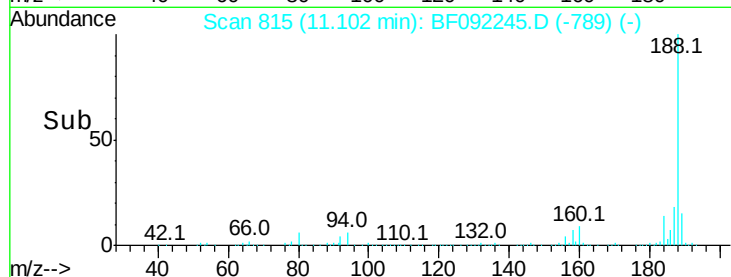
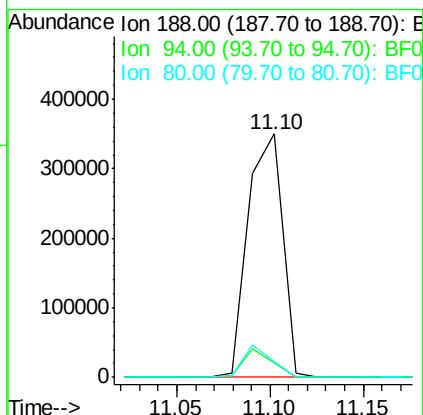
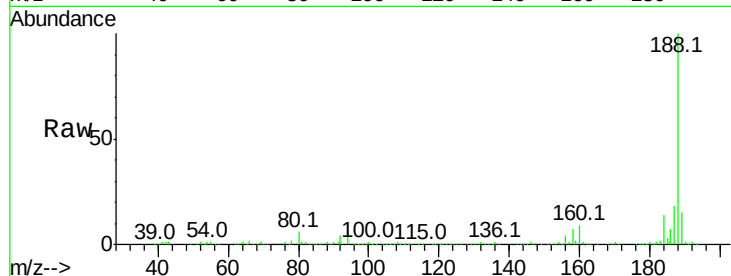
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Instrument :
BNA_F
ClientSampleId :
SW-003

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	6.2	10.0	15.0#	
80	6.3	11.2	16.8#	

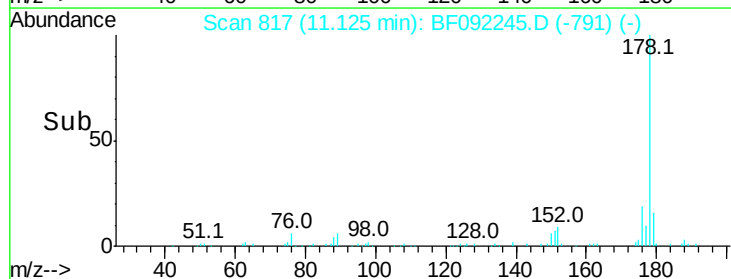
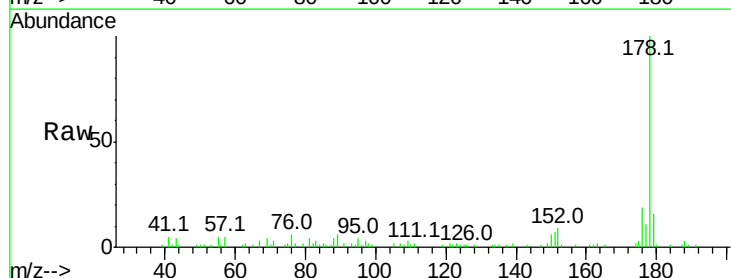
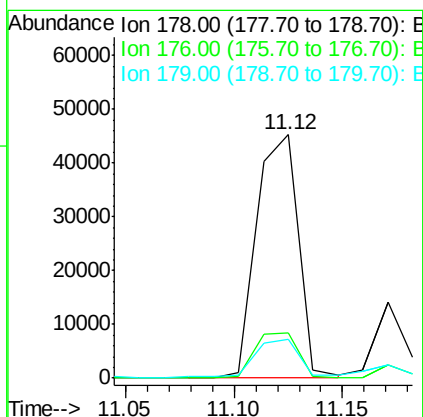
Manual Integrations
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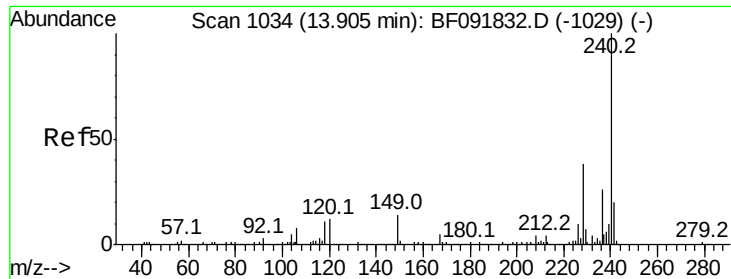
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#70
Phenanthrene
Concen: 2.49 ng
RT: 11.12 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092245.D
Acq: 13 Jan 2017 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.5	16.6	25.0	
179	16.2	12.8	19.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

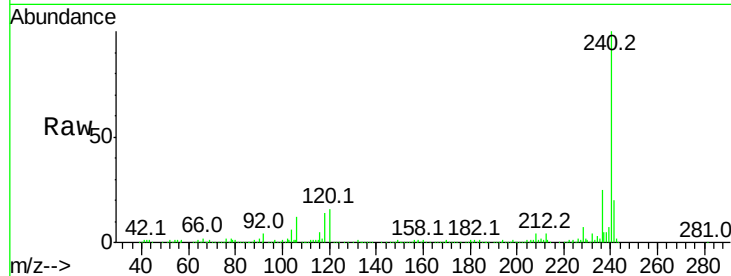
ClientSampleId :

SW-003

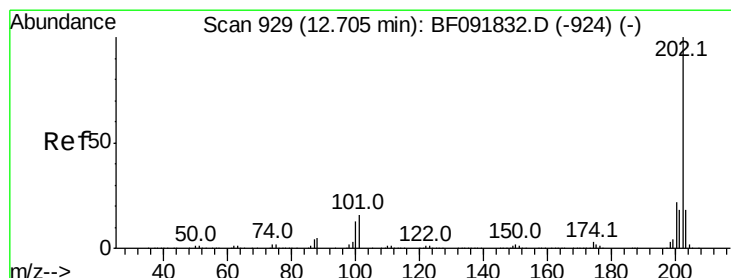
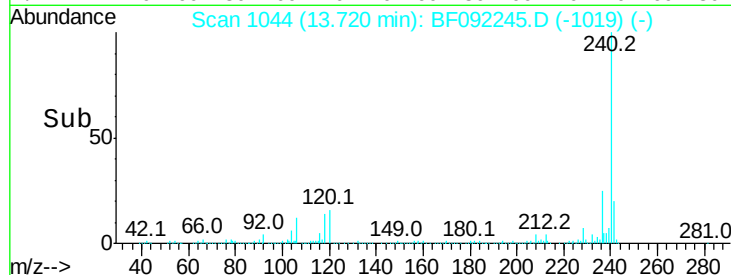
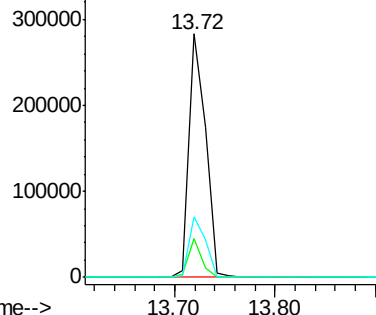
Tot Ion:	240	Resp:	325279
Ion Ratio	Lower	Upper	
240	100		
120	16.0	12.9	19.3
236	25.1	20.9	31.3

Manual Integrations
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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: 2.82 ng

RT: 12.53 min Scan# 940

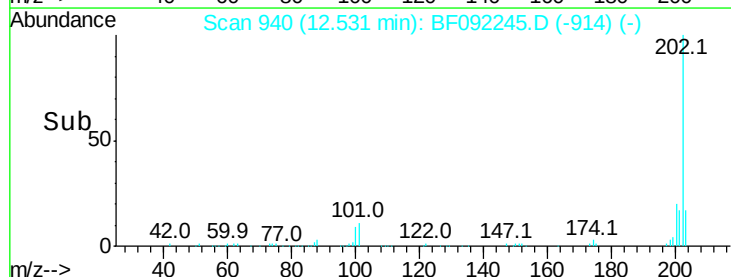
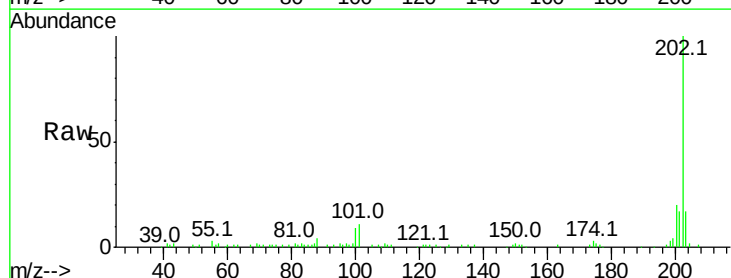
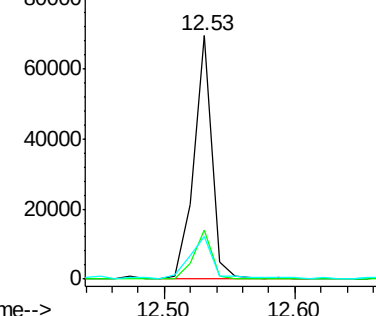
Delta R.T. 0.00 min

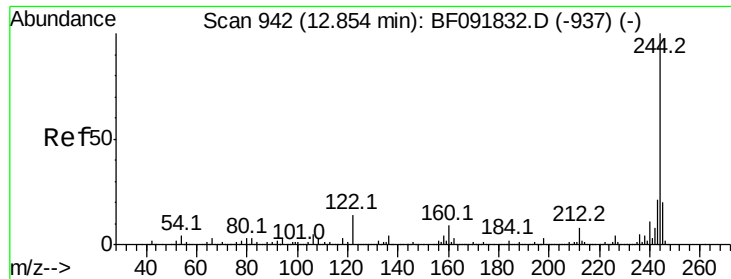
Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Tgt Ion:	202	Resp:	67282
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.7	26.5
203	17.3	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: 85.45 ng

RT: 12.68 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

Instrument :

BNA_F

ClientSampleId :

SW-003

Tot Ion:244 Resp: 1146125

Ion Ratio Lower Upper

244 100

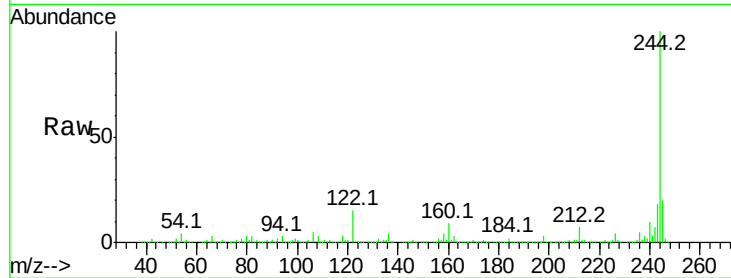
212 7.4 6.2 9.2

122 14.8 11.4 17.2

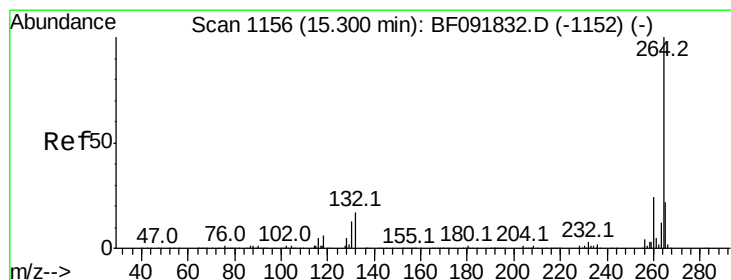
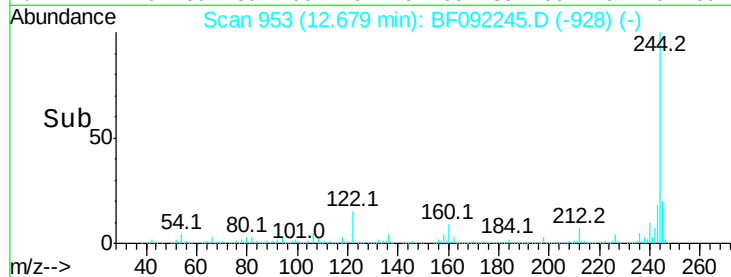
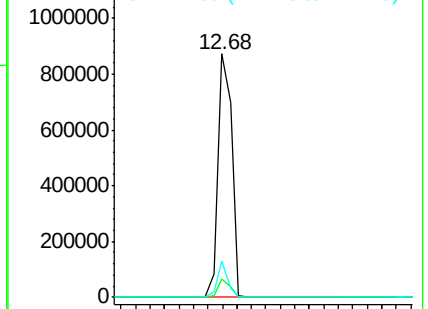
Manual Integrations
APPROVED

Sohil

1/16/2017 12:00:38 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: 15.08 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF092245.D

Acq: 13 Jan 2017 13:18

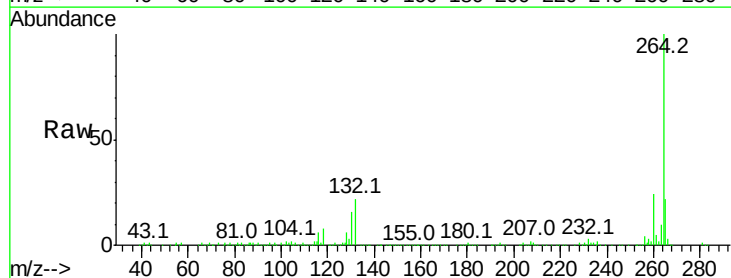
Tgt Ion:264 Resp: 310106

Ion Ratio Lower Upper

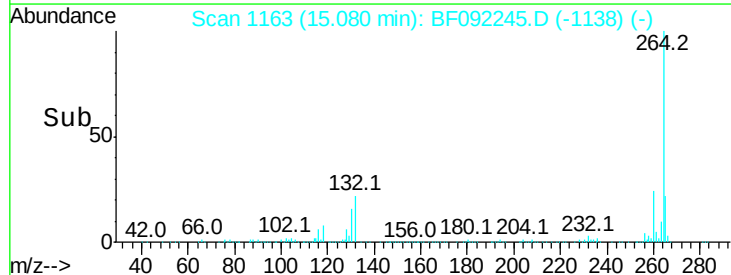
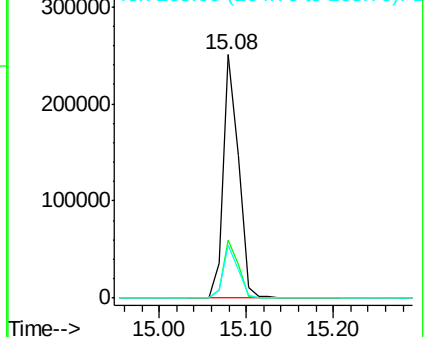
264 100

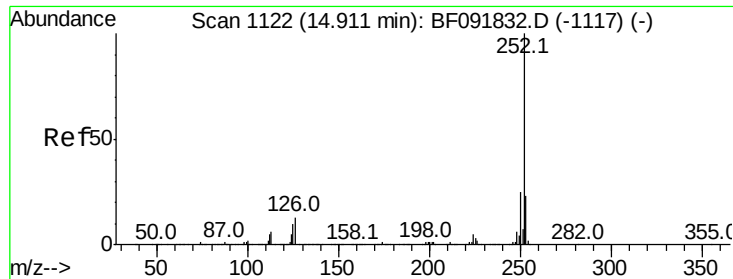
260 23.6 19.2 28.8

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





#87
 Benzo(b)fluoranthene
 Concen: 2.18 ng m
 RT: 14.71 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF092245.D
 Acq: 13 Jan 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 SW-003

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.6	18.2	27.4
125	16.0	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 1/16/2017 12:00:38 PM

