

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093202.D
 Acq On : 27 Feb 2017 12:10
 Operator : SJ/MA
 Sample : I1973-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-7

Manual Integrations
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Quant Time: Feb 27 12:36:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	161025	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	668993	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	309638	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	546104	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	417351	20.00	ng	-0.02
86) Perylene-d12	15.43	264	298091	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	951279	101.35	ng	-0.02
7) Phenol-d6	6.48	99	1238494	102.55	ng	-0.01
23) Nitrobenzene-d5	7.40	82	900098	74.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	256200	114.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1364846	79.86	ng	-0.01
78) Terphenyl-d14	12.96	244	1061728	59.77	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	120246	8.51	ng	Qvalue # 72
49) Dimethylphthalate	9.61	163	366404	17.57	ng	99
74) Fluoranthene	12.58	202	100259	3.11	ng	95
77) Pyrene	12.81	202	93662	3.00	ng	97
87) Benzo(b)fluoranthene	15.03	252	43433m	2.21	ng	

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

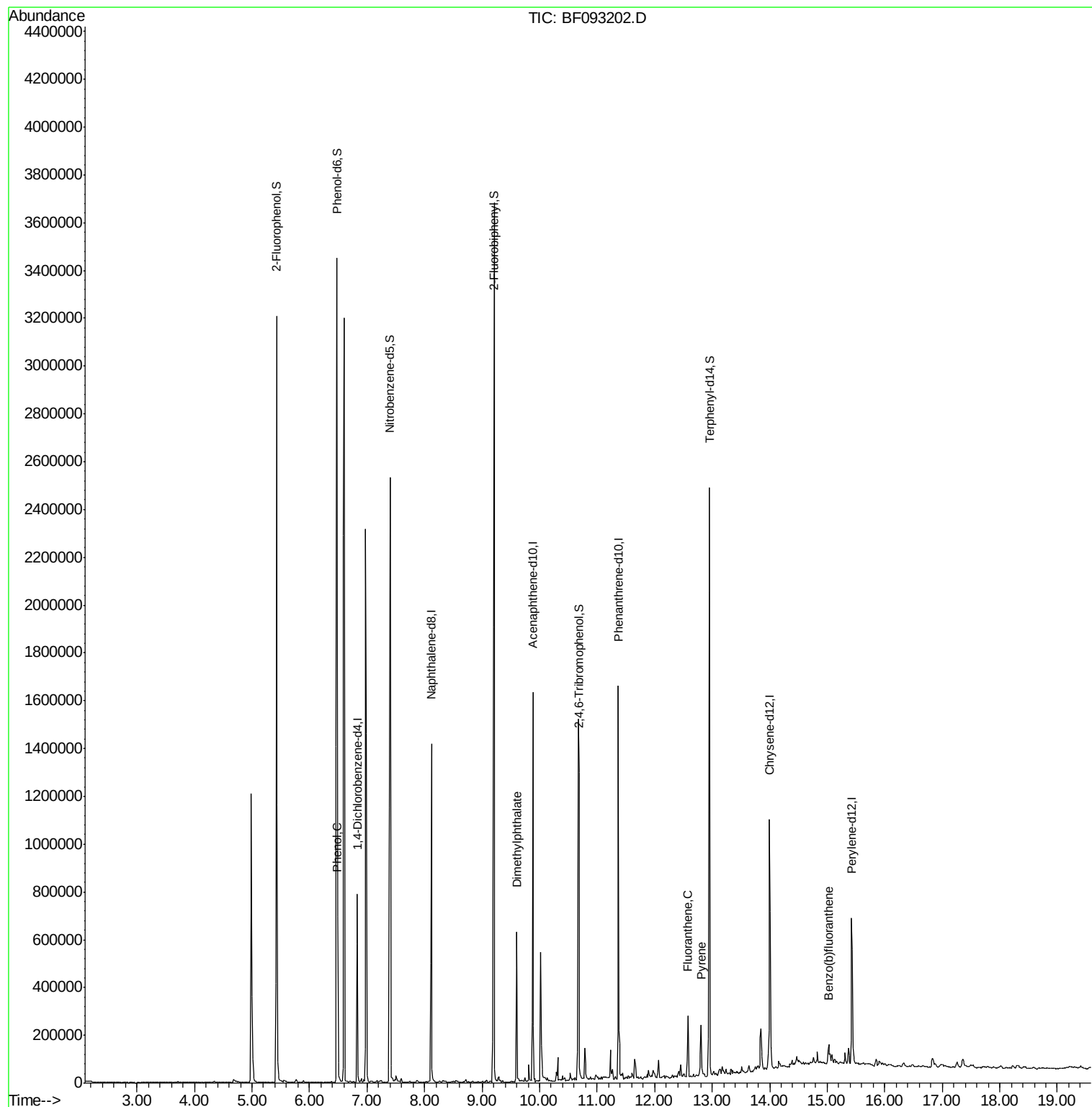
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093202.D
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ALS Vial : 6 Sample Multiplier: 1

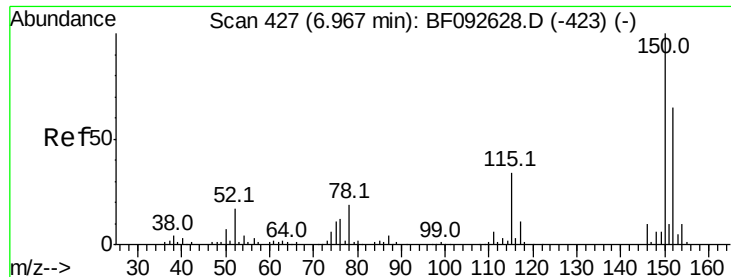
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

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Quant Time: Feb 27 12:36:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

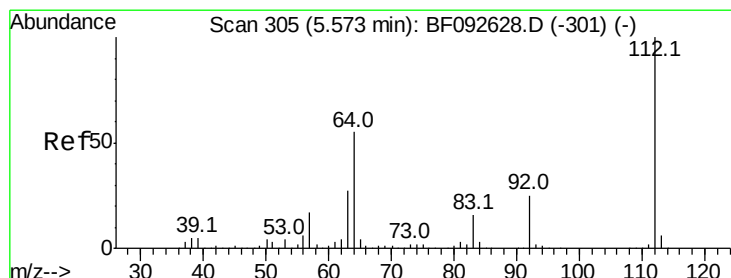
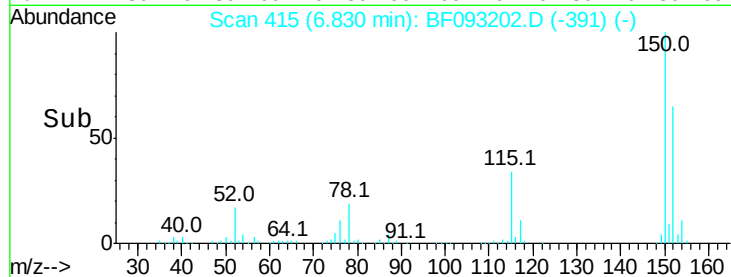
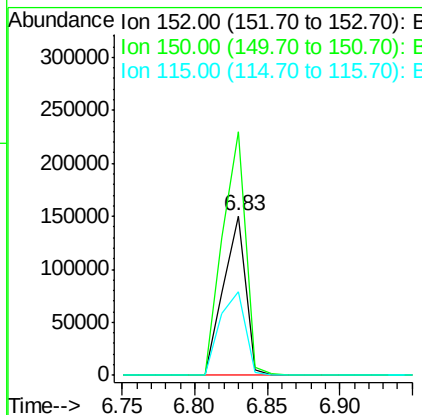
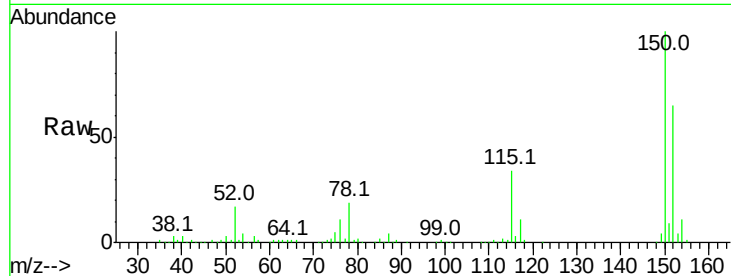
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.9	187.3
115	52.5	46.0	69.0

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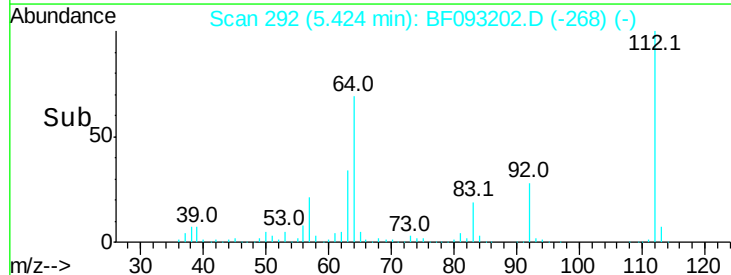
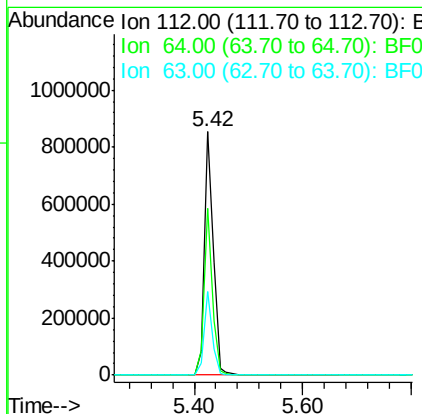
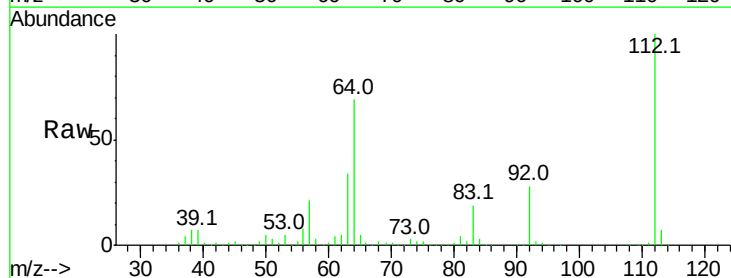
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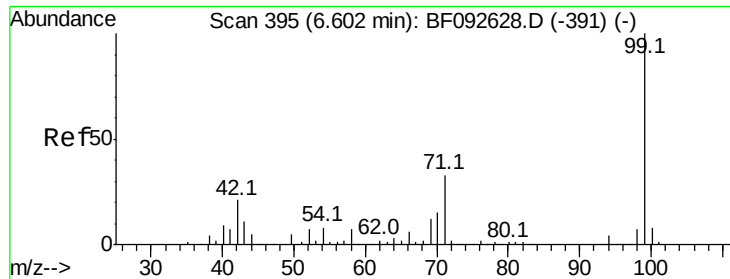


#5

2-Fluorophenol
Concen: 101.35 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	46.1	69.1
63	34.2	23.8	35.6





#7

Phenol-d6

Concen: 102.55 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093202.D

Acq: 27 Feb 2017 12:10

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-7

Tot Ion: 99 Resp: 1238494

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

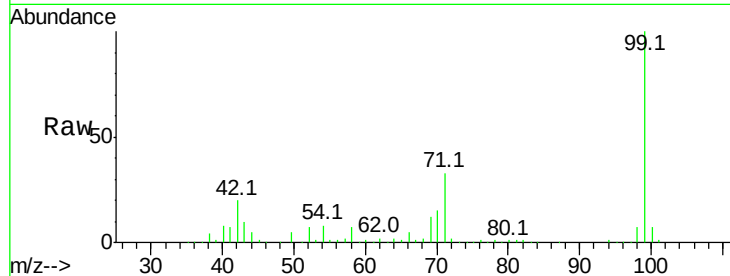
71 32.5 27.5 41.3

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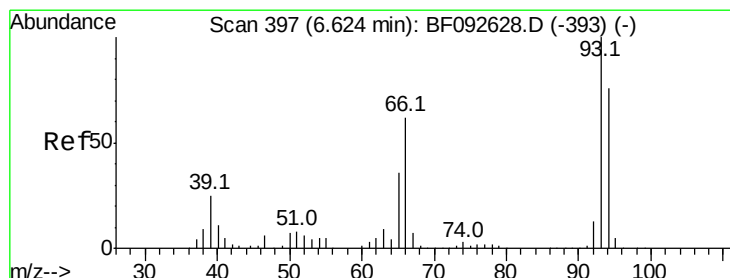
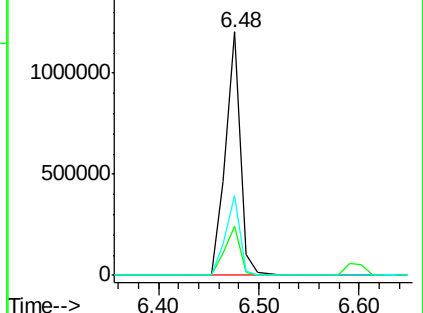
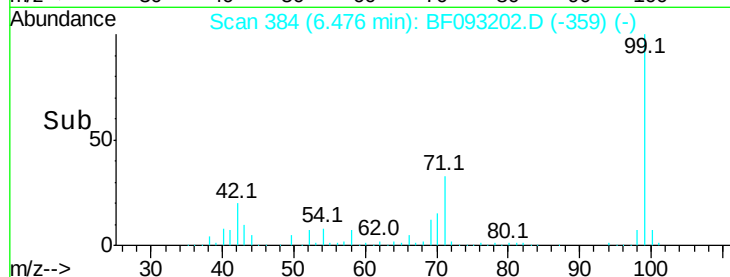
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.51 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093202.D

Acq: 27 Feb 2017 12:10

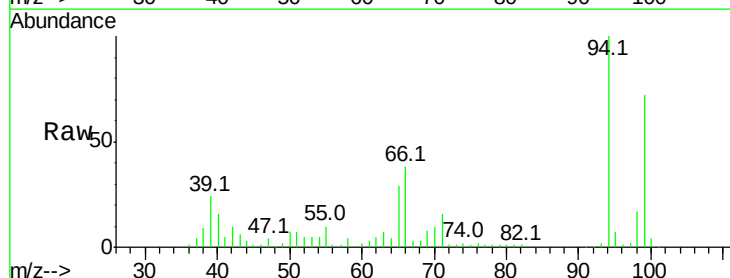
Tgt Ion: 94 Resp: 120246

Ion Ratio Lower Upper

94 100

65 29.0 21.4 61.4

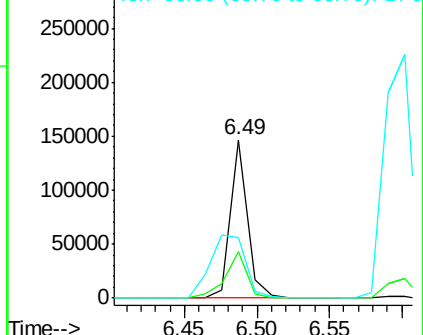
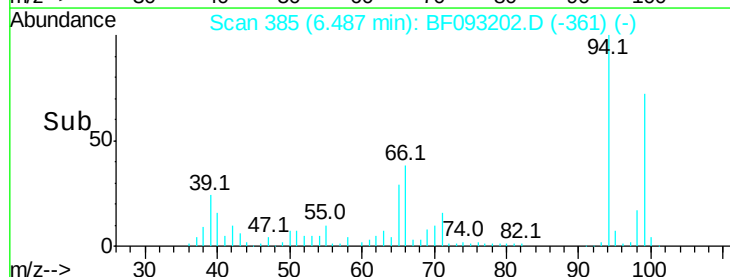
66 38.2 44.0 84.0#

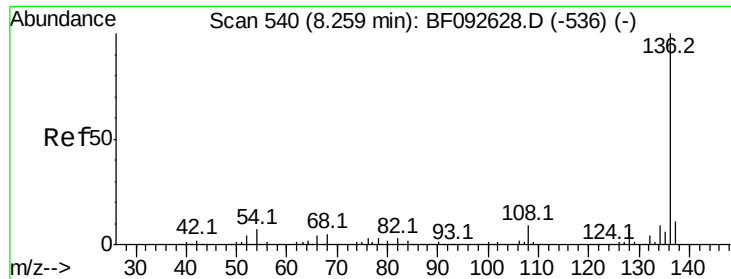


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





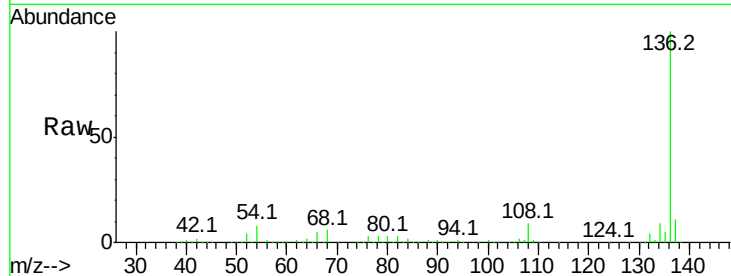
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

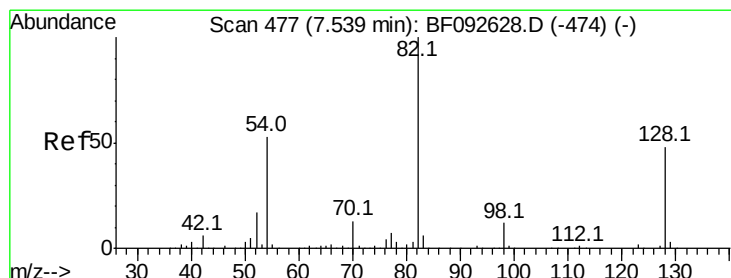
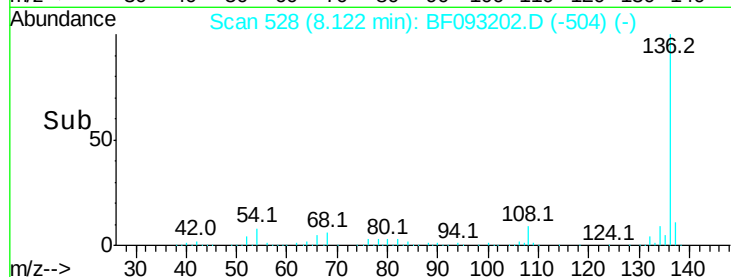
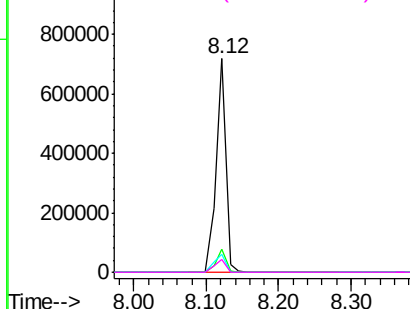
Tot Ion	Ratio	Resp	Lower	Upper
136	100	668993		
137	10.8		8.4	12.6
54	8.5		4.5	6.7#
68	6.2		3.6	5.4#

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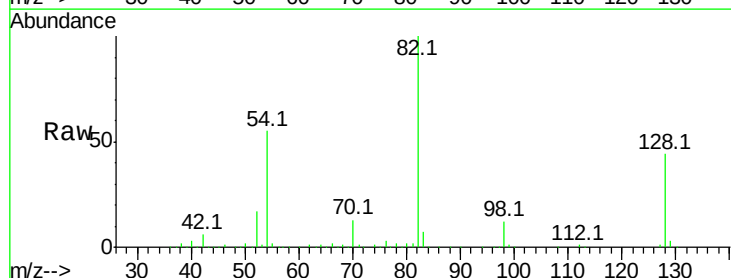


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

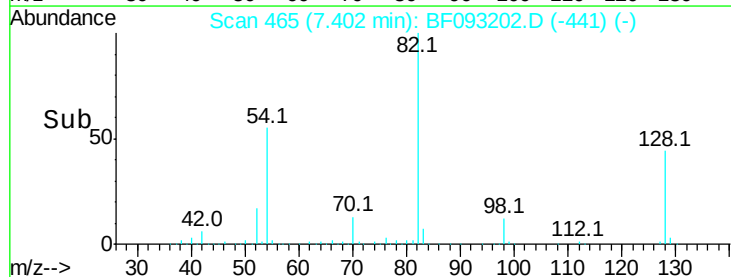
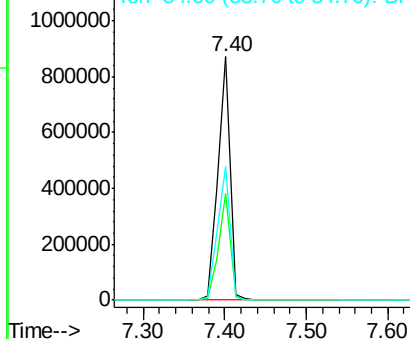


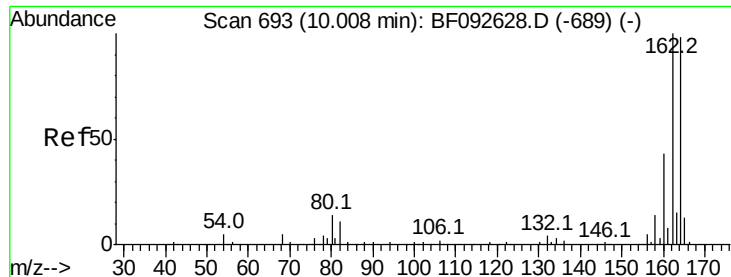
#23
Nitrobenzene-d5
Concen: 74.92 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	900098		
128	43.8		34.6	52.0
54	54.8		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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093202.D

Acq: 27 Feb 2017 12:10

Instrument :

BNA_F

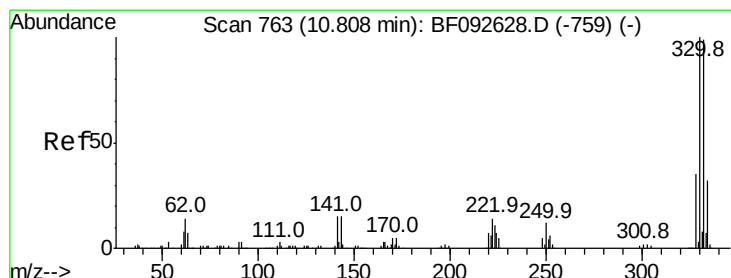
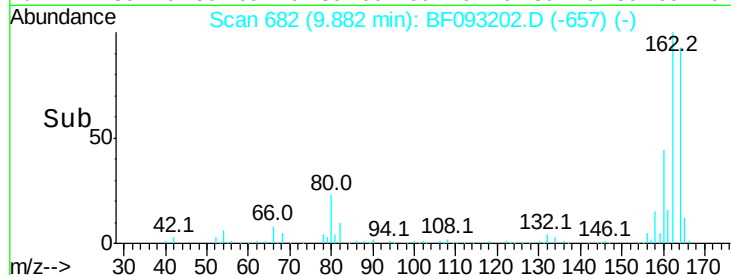
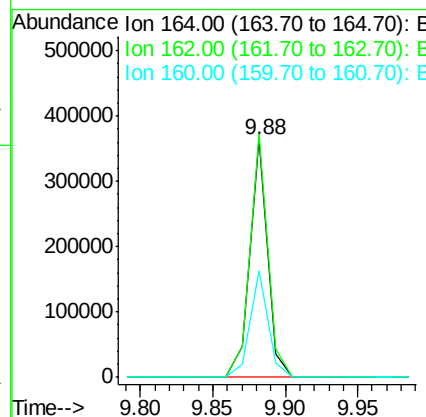
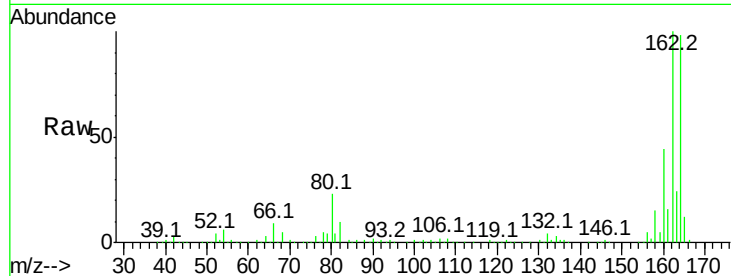
ClientSampleId :

E2-B1-B2-BASE-7

Tot Ion:	164	Resp:	309638
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.2	120.2
160	44.6	36.9	55.3

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#41

2,4,6-Tribromophenol

Concen: 114.40 ng

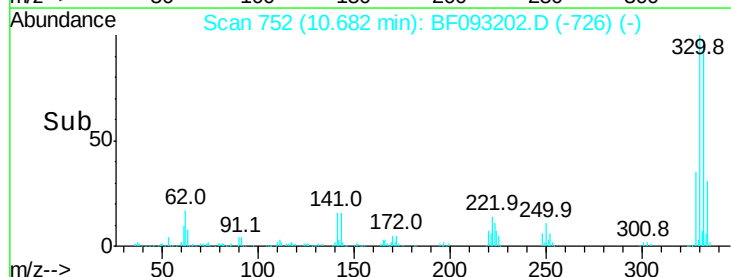
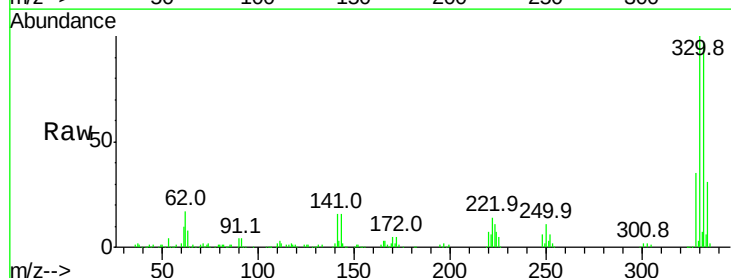
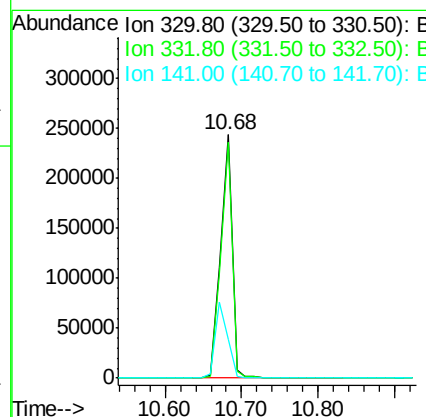
RT: 10.68 min Scan# 752

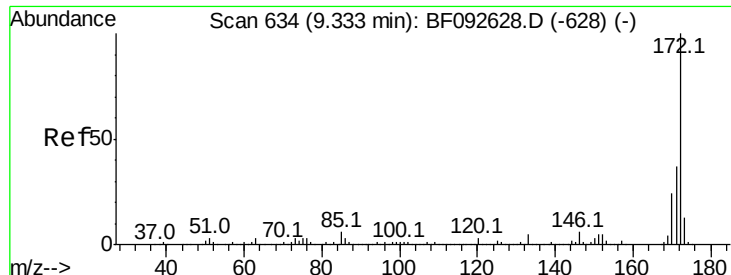
Delta R.T. -0.00 min

Lab File: BF093202.D

Acq: 27 Feb 2017 12:10

Tgt Ion:	330	Resp:	256200
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.4	116.2
141	33.4	34.1	51.1#





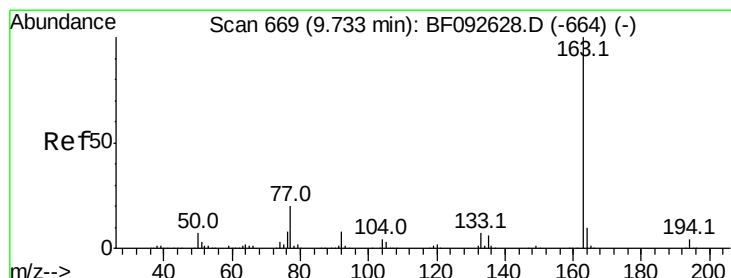
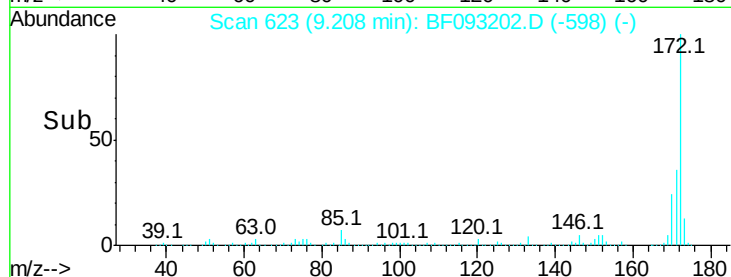
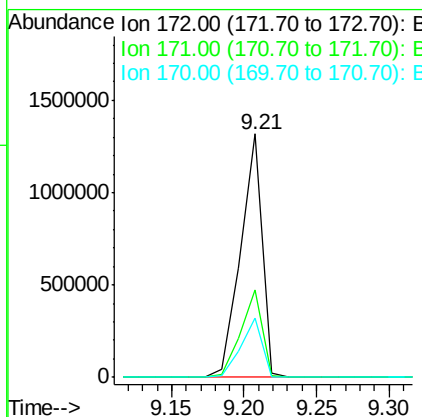
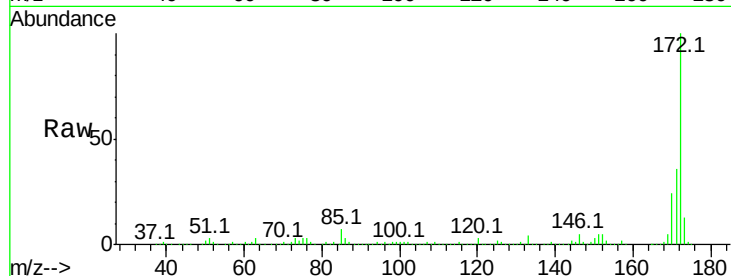
#44
2-Fluorobiphenyl
Concen: 79.86 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.2	20.2	30.4

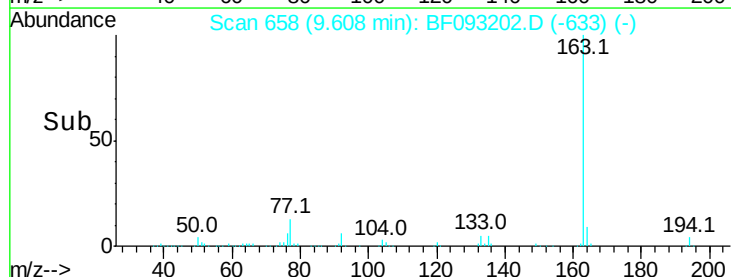
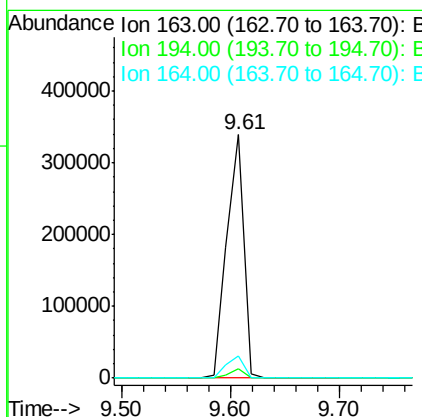
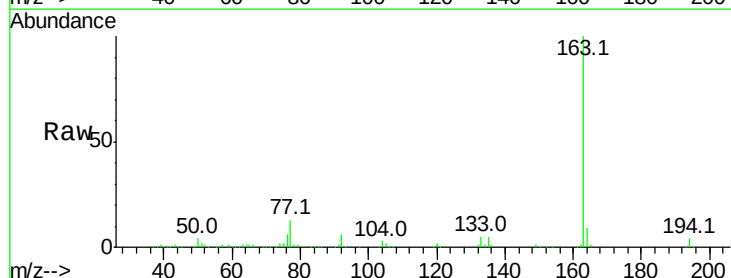
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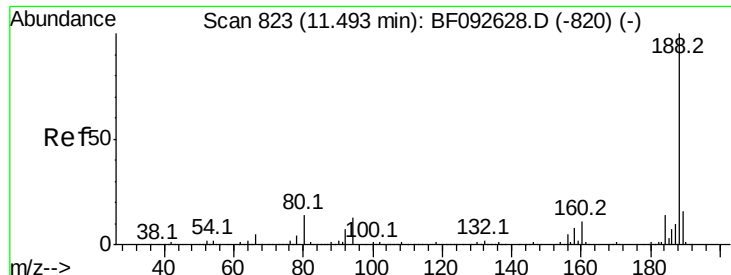
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#49
Dimethylphthalate
Concen: 17.57 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.3	8.0	12.0





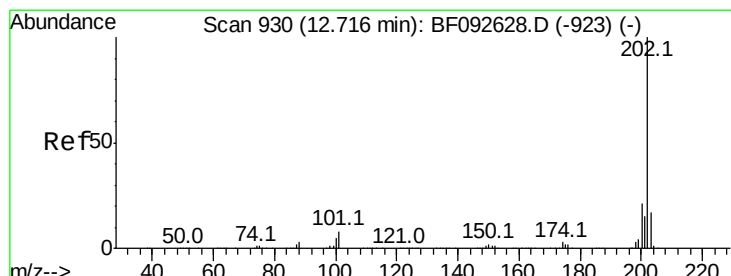
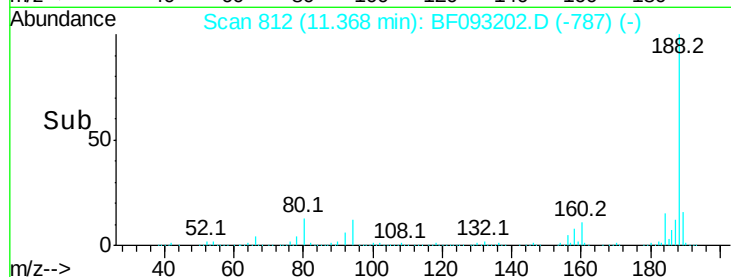
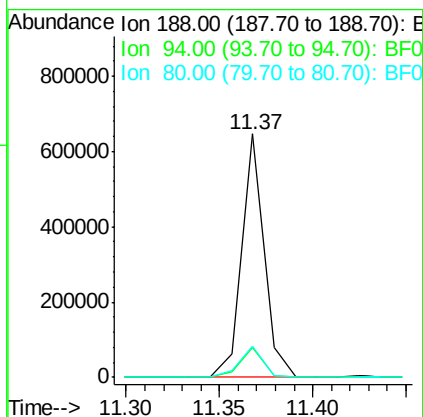
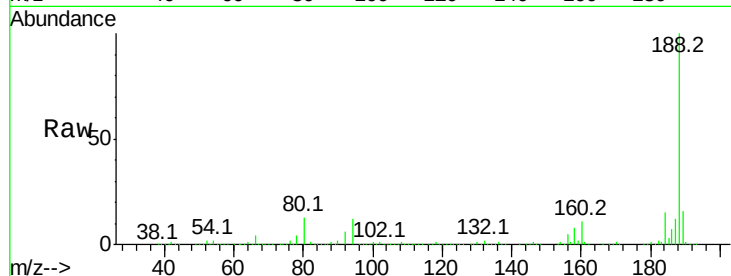
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tot Ion	Ratio	Resp	Lower	Upper
188	100	546104		
94	12.0	10.0	15.0	
80	12.7	11.2	16.8	

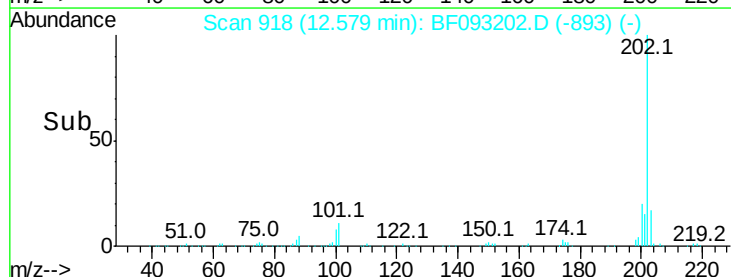
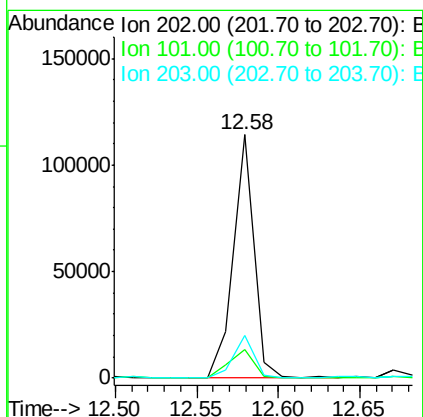
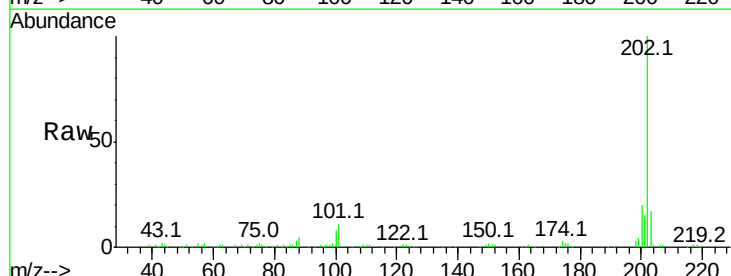
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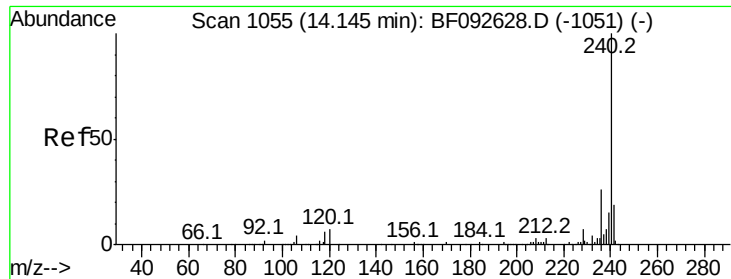
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#74
Fluoranthene
Concen: 3.11 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	100259		
101	11.5	0.0	34.6	
203	17.3	0.0	38.7	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093202.D

Acq: 27 Feb 2017 12:10

Instrument :

BNA_F

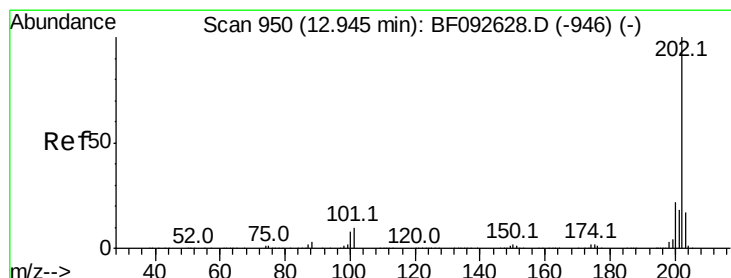
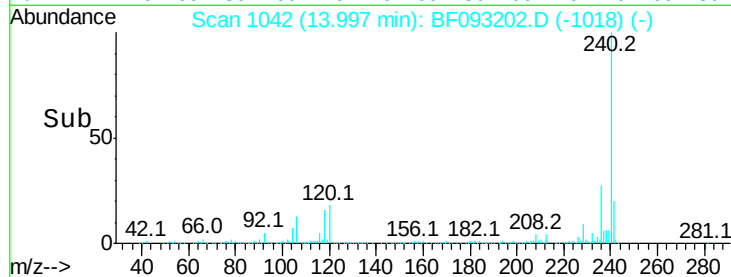
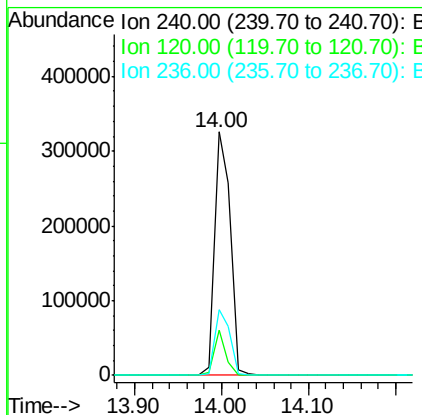
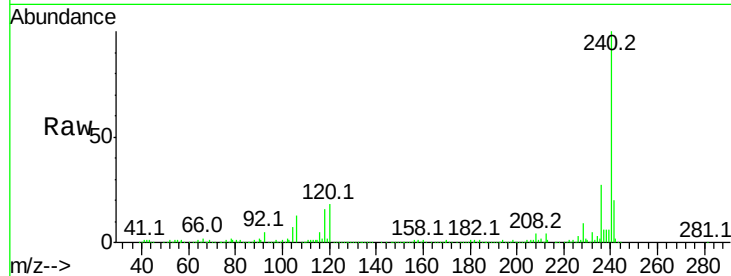
ClientSampleId :

E2-B1-B2-BASE-7

Tot Ion:	240	Resp:	417351
Ion Ratio	Lower	Upper	
240	100		
120	18.4	12.9	19.3
236	26.9	20.9	31.3

Manual Integrations
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#77

Pyrene

Concen: 3.00 ng

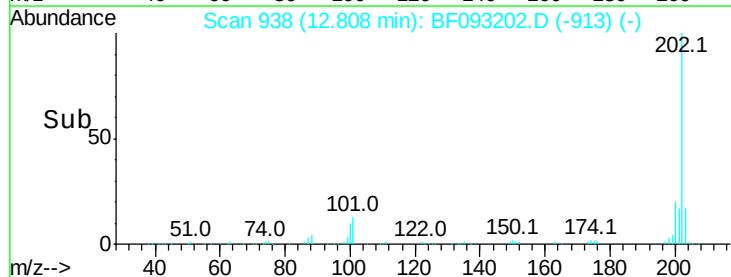
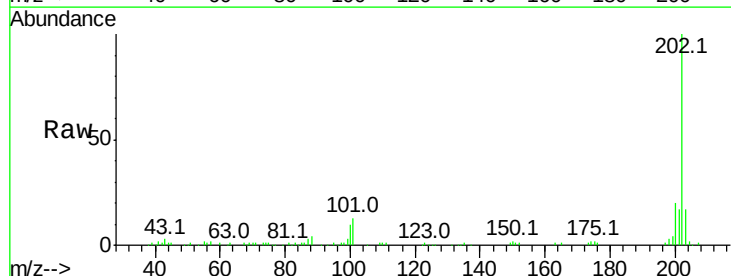
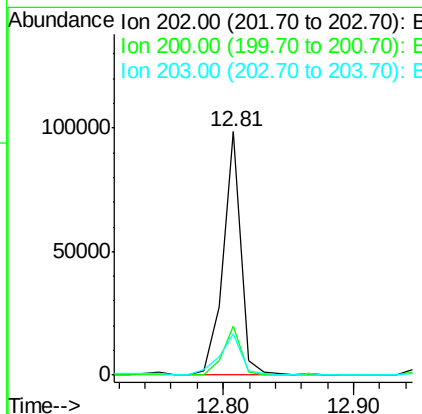
RT: 12.81 min Scan# 938

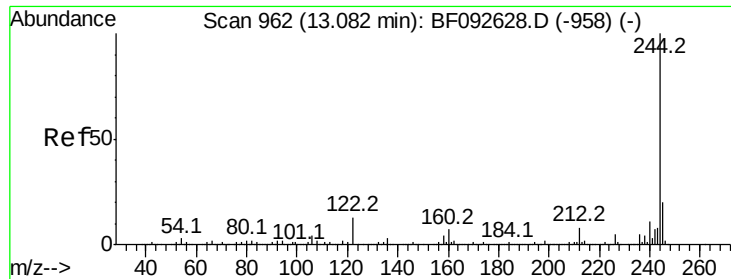
Delta R.T. -0.01 min

Lab File: BF093202.D

Acq: 27 Feb 2017 12:10

Tgt Ion:	202	Resp:	93662
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.7	26.5
203	17.0	14.7	22.1





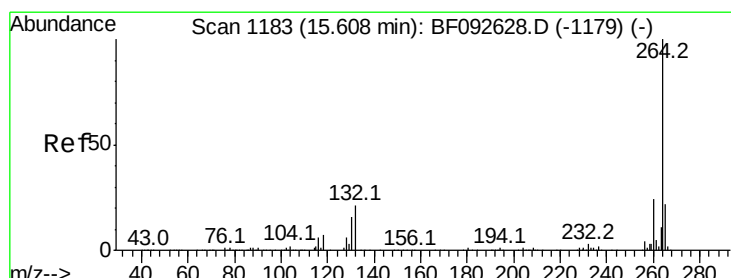
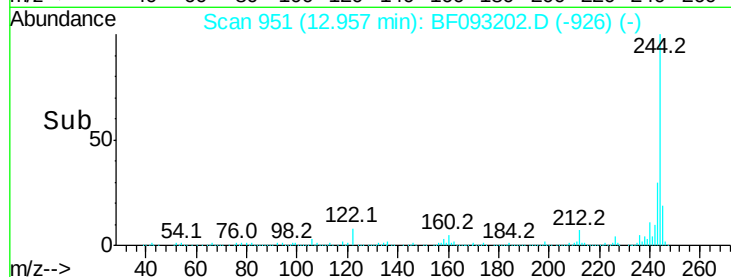
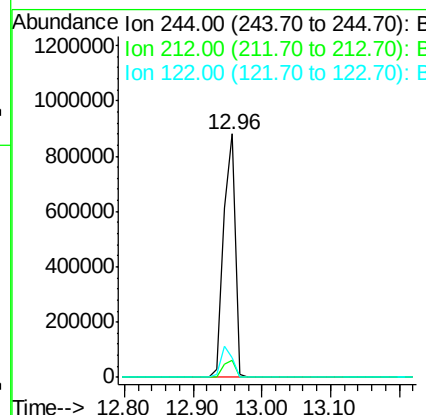
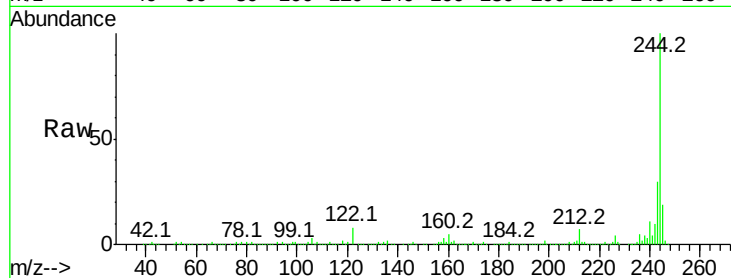
#78
 Terphenyl-d14
 Concen: 59.77 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093202.D
 Acq: 27 Feb 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.3	11.4	17.2#

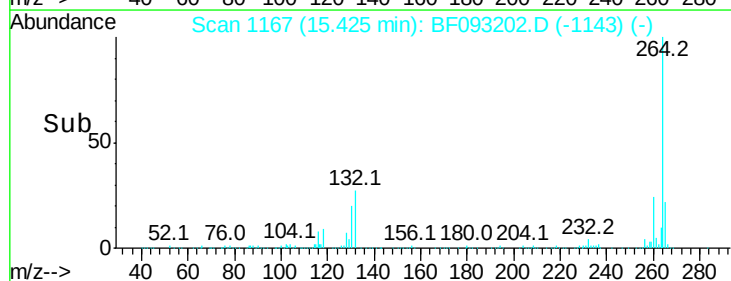
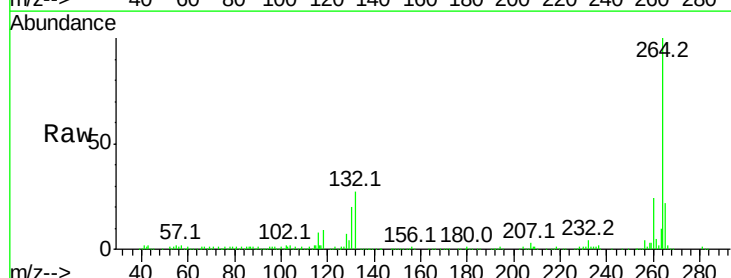
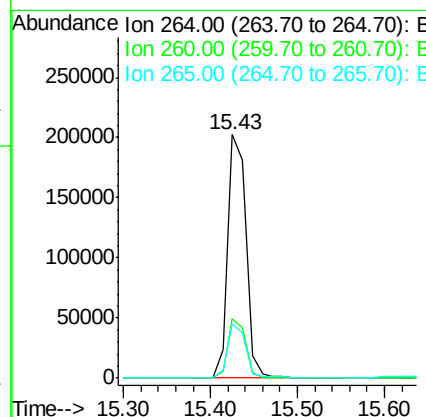
Manual Integrations
 APPROVED

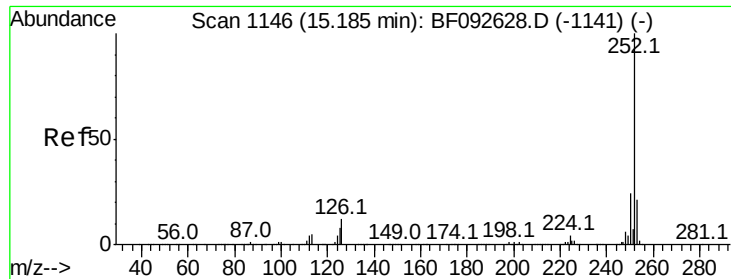
mohammad
 2/28/2017 2:28:26 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093202.D
 Acq: 27 Feb 2017 12:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.4	26.0





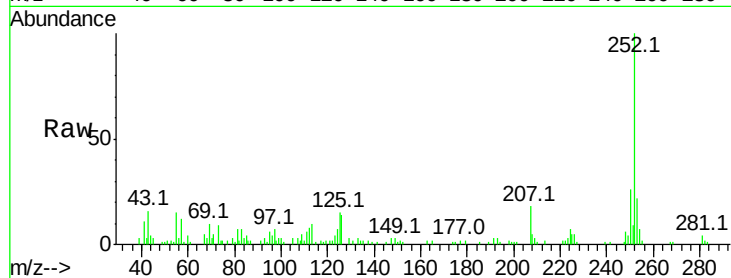
#87
 Benzo(b)fluoranthene
 Concen: 2.21 ng m
 RT: 15.03 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF093202.D
 Acq: 27 Feb 2017 12:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	14.7	9.8	14.6

Manual Integrations
 APPROVED

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 2/28/2017 2:28:26 PM



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

