

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093933.D
 Acq On : 25 Mar 2017 3:31
 Operator : SJ/MA
 Sample : I2379-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Manual Integrations
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mohammad
 3/27/2017 12:56:57 PM

Quant Time: Mar 25 05:09:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	177154	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	712016	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	290750	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	467184	20.00	ng	-0.03
75) Chrysene-d12	14.69	240	329137	20.00	ng	-0.03
86) Perylene-d12	16.32	264	266751	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1401755	133.65	ng	0.00
7) Phenol-d6	5.56	99	1805391	139.14	ng	0.00
23) Nitrobenzene-d5	6.61	82	1117173	89.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	323973	141.01	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1829282	95.96	ng	-0.03
78) Terphenyl-d14	13.41	244	1124471	76.58	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.28	163	163378	7.90	ng	99
74) Fluoranthene	12.92	202	95095	3.57	ng	98
77) Pyrene	13.20	202	80478	3.37	ng	97
82) Chrysene	14.71	228	40861	2.29	ng	95
87) Benzo(b)fluoranthene	15.90	252	42343m	2.59	ng	

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

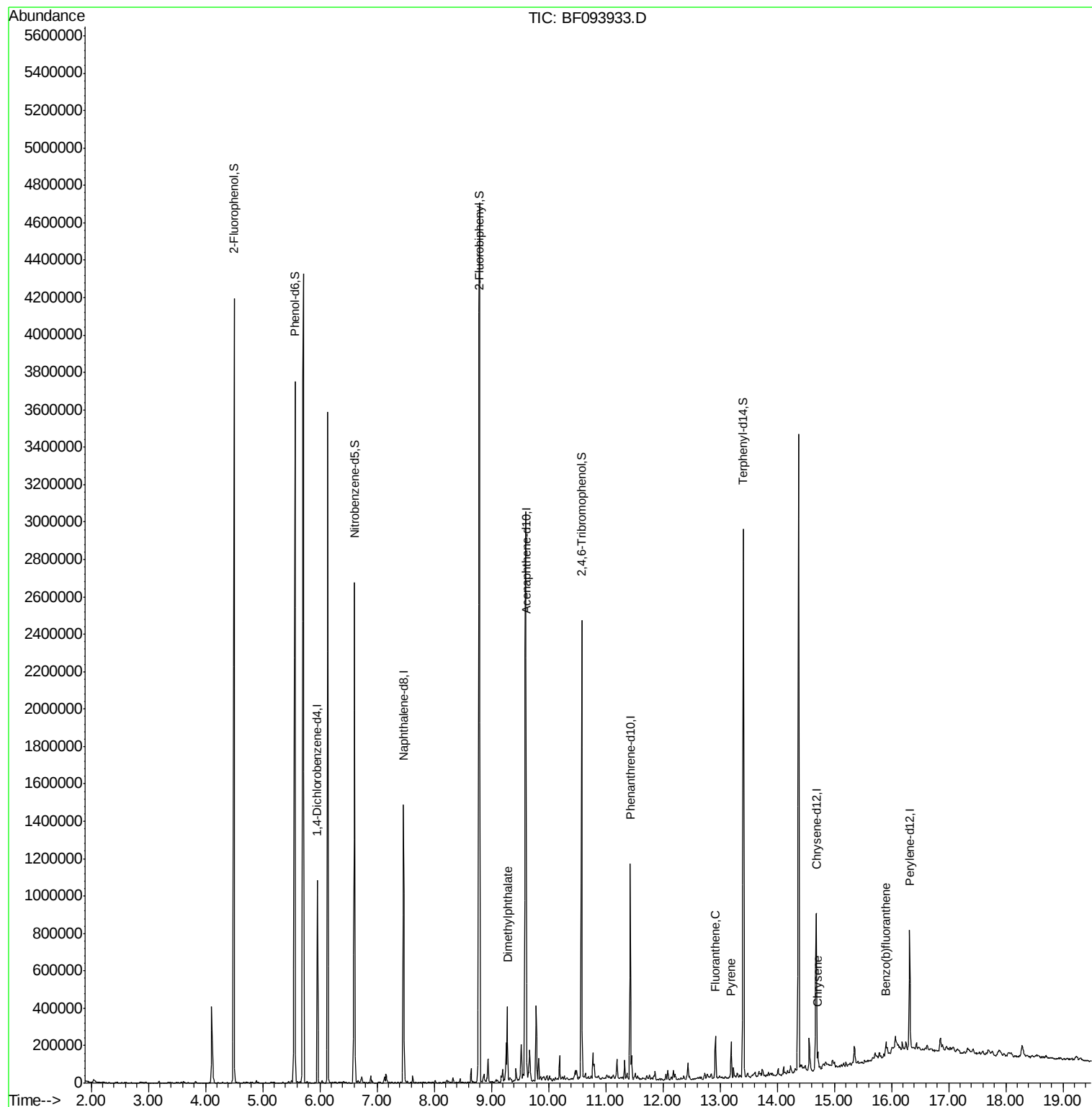
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093933.D
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ALS Vial : 23 Sample Multiplier: 1

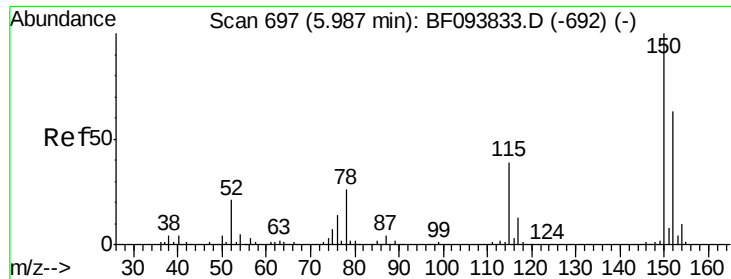
Instrument :
BNA_F
ClientSampleId :
B-5

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#1

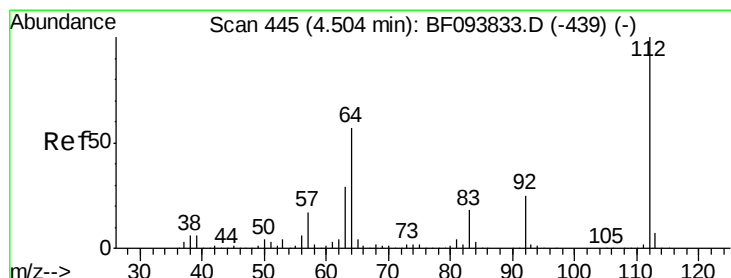
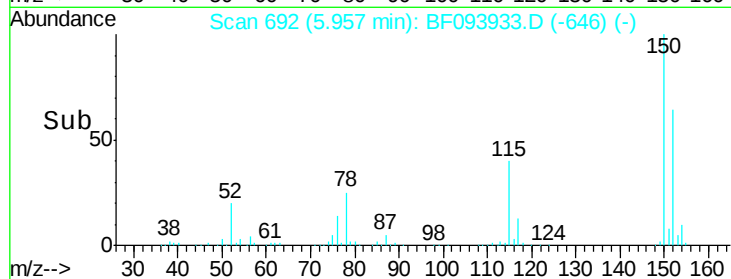
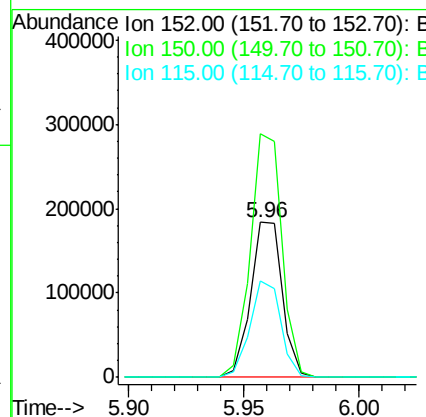
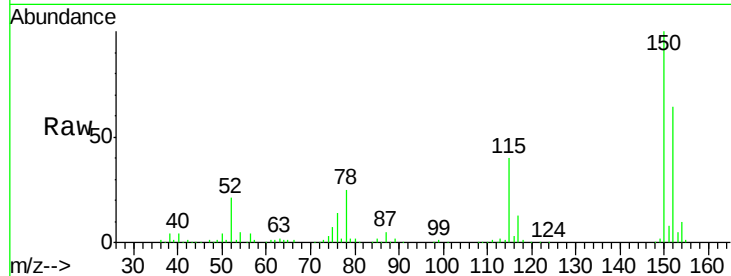
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Instrument :
BNA_F
ClientSampled :
B-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	62.1	52.2	78.2

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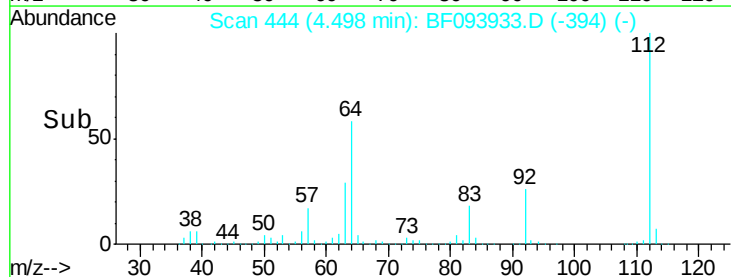
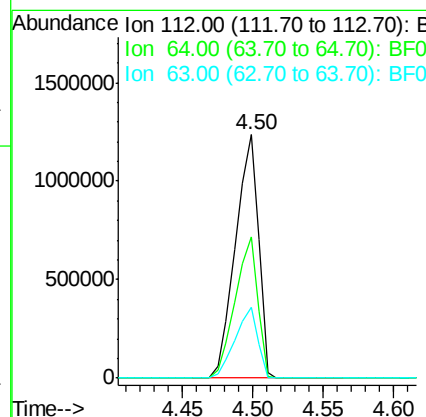
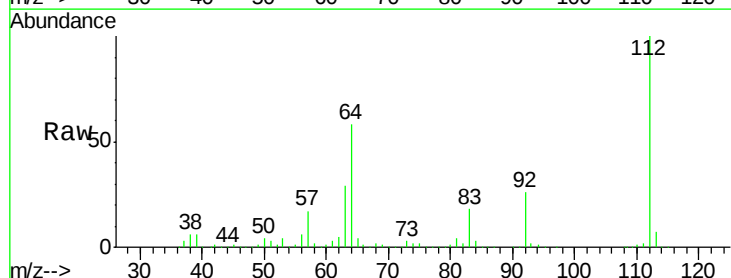
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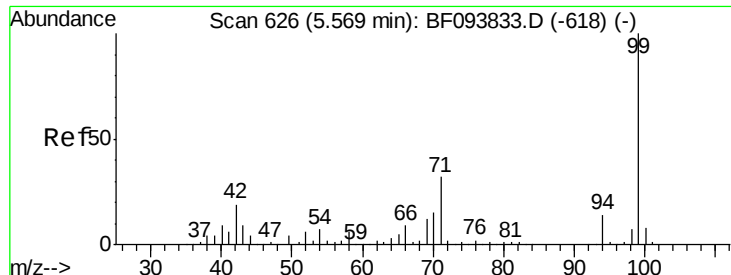


#5

2-Fluorophenol
Concen: 133.65 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.1	23.4	35.0





#7

Phenol-d6

Concen: 139.14 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093933.D

Acq: 25 Mar 2017 3:31

Instrument :

BNA_F

ClientSampled :

B-5

Tot Ion: 99 Resp: 1805391

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

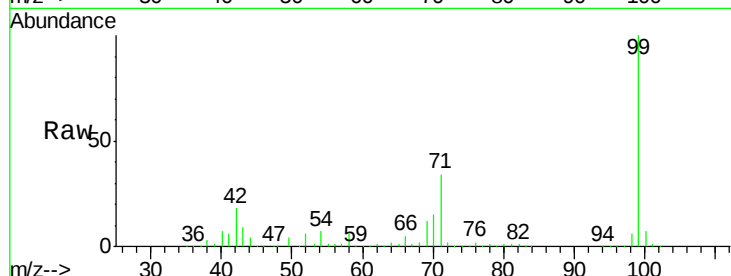
71 34.2 24.5 36.7

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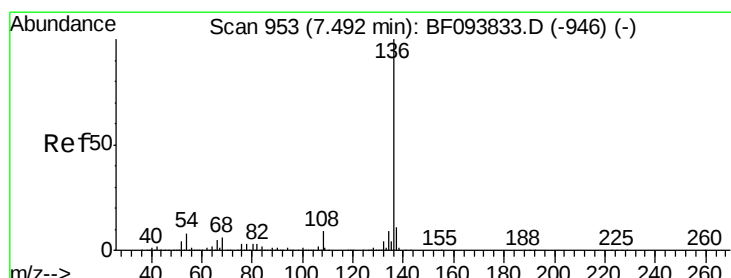
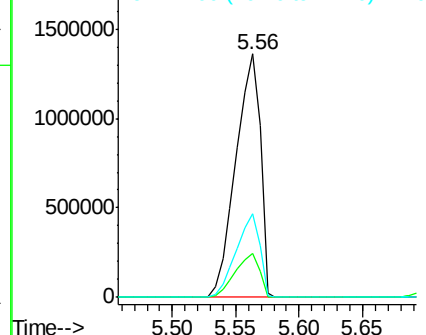
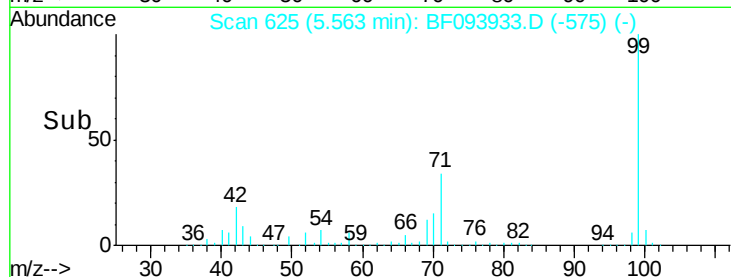
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093933.D

Acq: 25 Mar 2017 3:31

Tgt Ion: 136 Resp: 712016

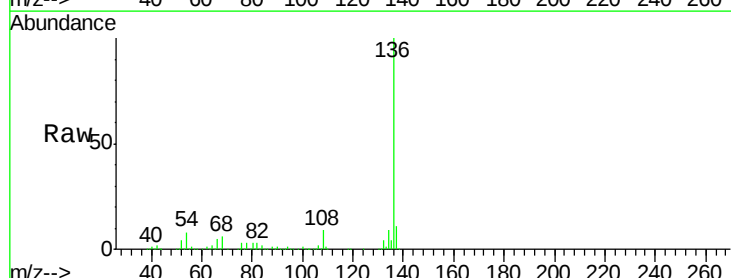
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 6.0 4.1 6.1

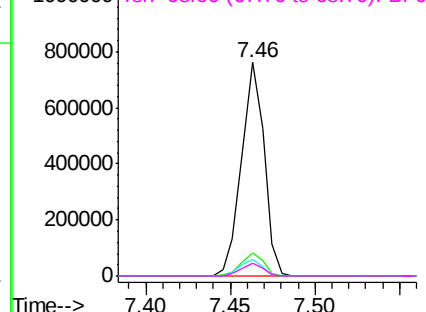
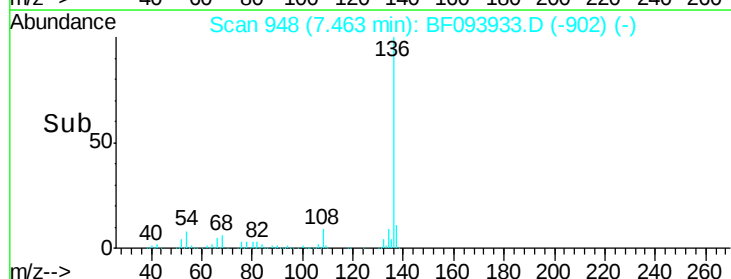


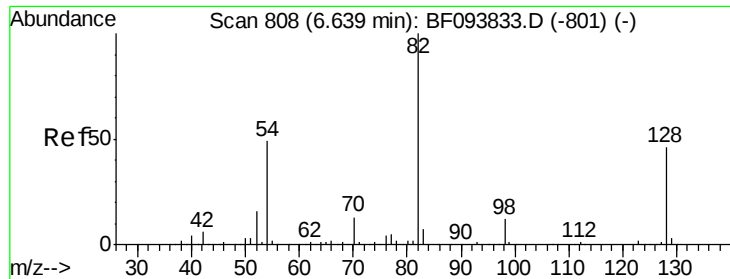
Abundance Ion 136.00 (135.70 to 136.70): E

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





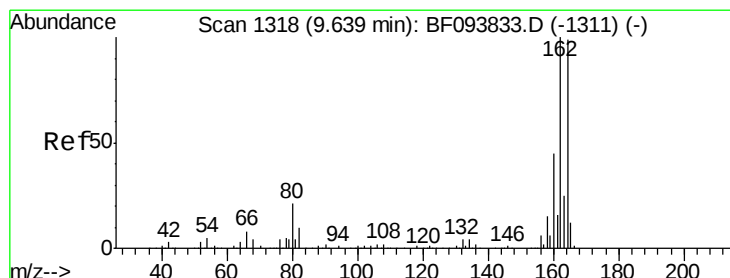
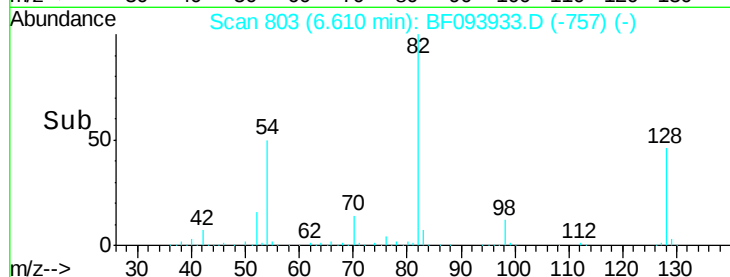
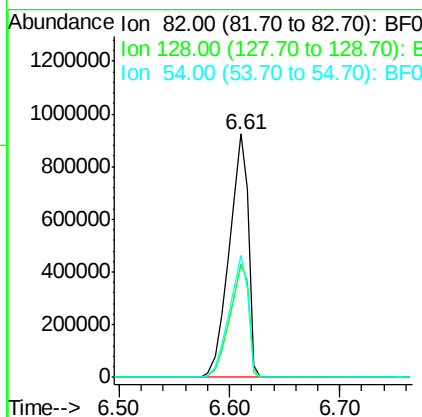
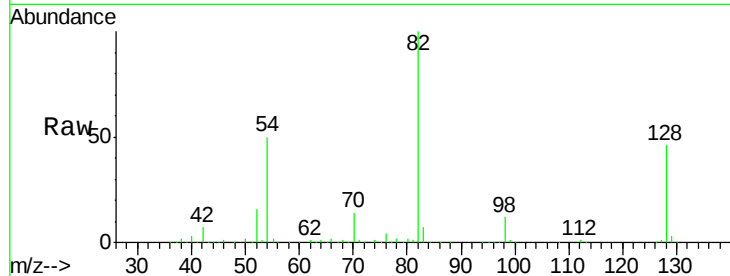
#23
Nitrobenzene-d5
Concen: 89.54 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
B-5

Tot Ion: 82 Resp: 1117173
Ion Ratio Lower Upper
82 100
128 46.4 34.0 51.0
54 49.9 42.2 63.2

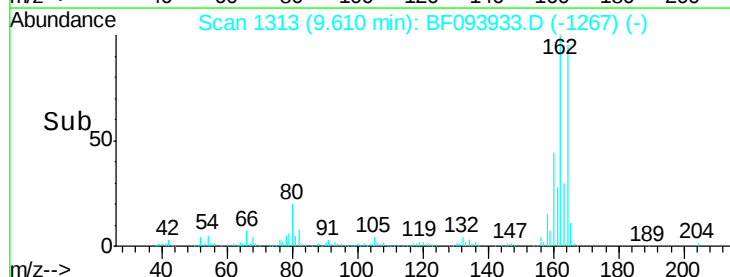
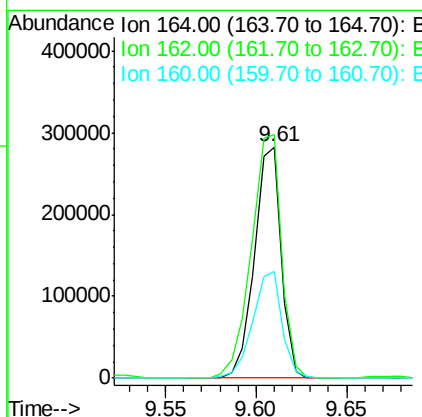
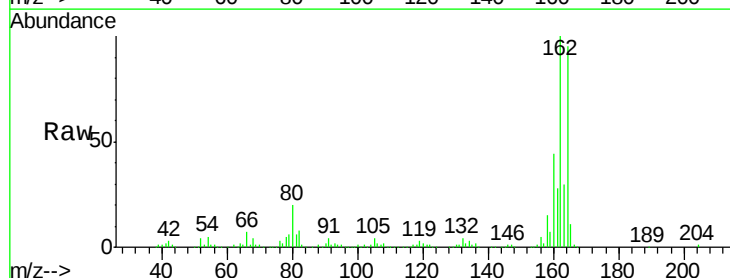
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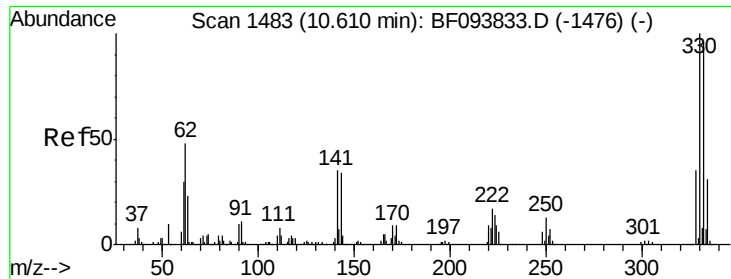
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Tgt Ion:164 Resp: 290750
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 46.4 36.2 54.2





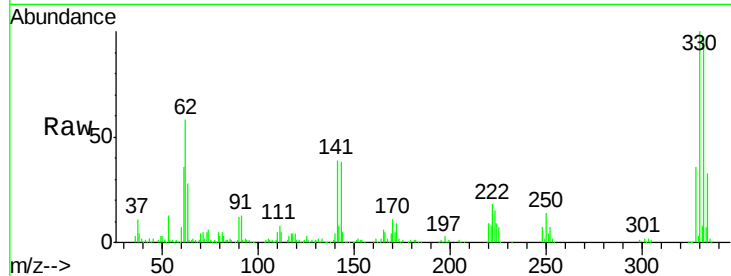
#41
 2,4,6-Tribromophenol
 Concen: 141.01 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093933.D
 Acq: 25 Mar 2017 3:31

Instrument :
 BNA_F
 ClientSampleId :
 B-5

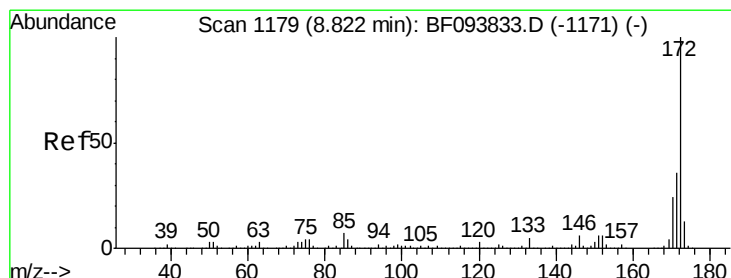
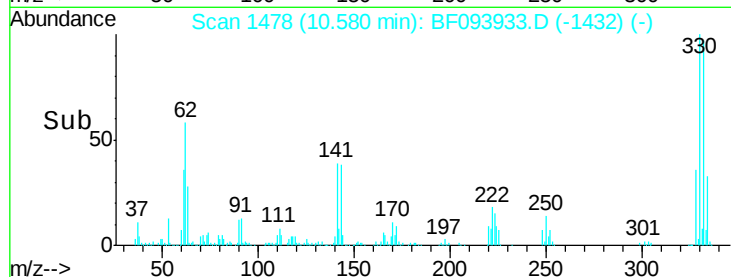
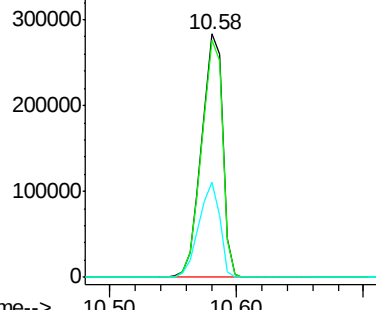
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.6	115.0	
141	39.4	31.4	47.2	

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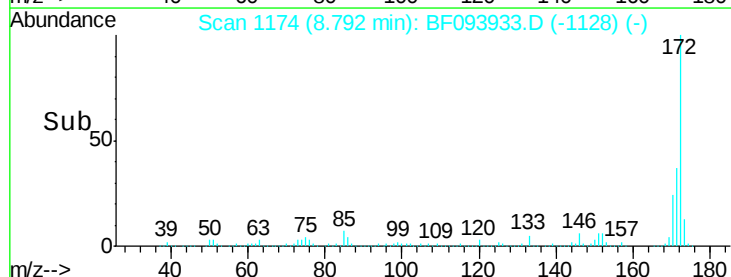
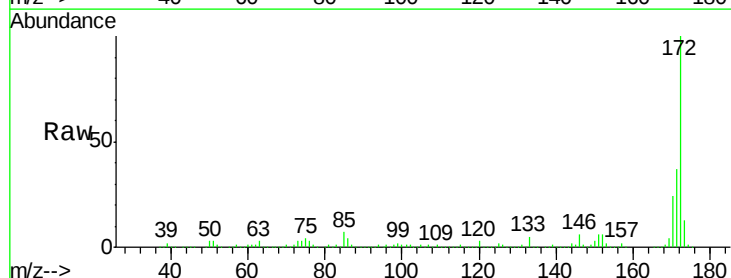
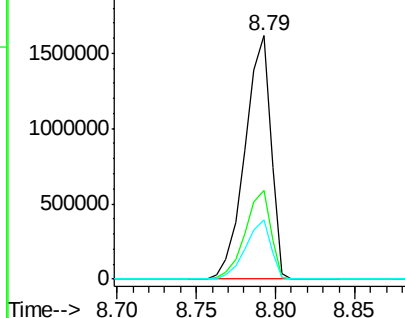
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

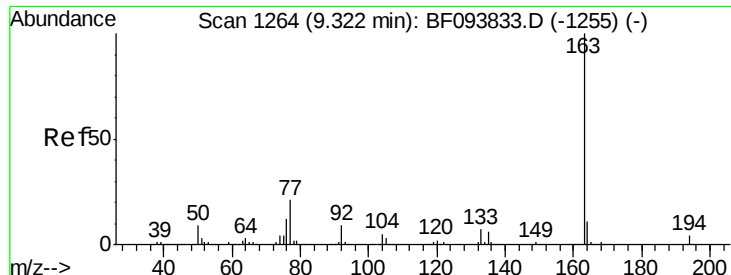


#44
 2-Fluorobiphenyl
 Concen: 95.96 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF093933.D
 Acq: 25 Mar 2017 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.6	44.4	
170	24.1	19.8	29.8	

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





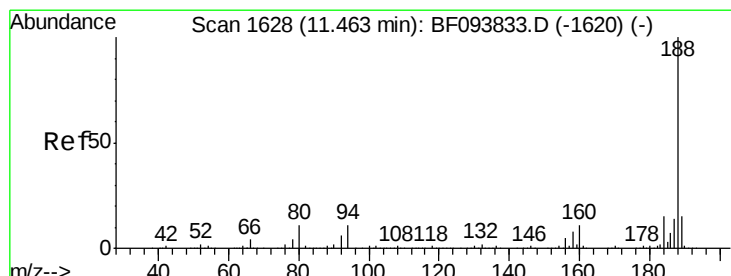
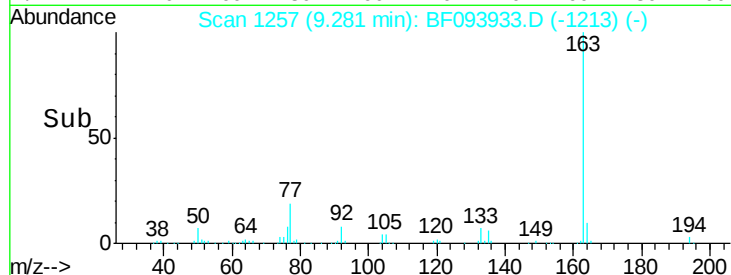
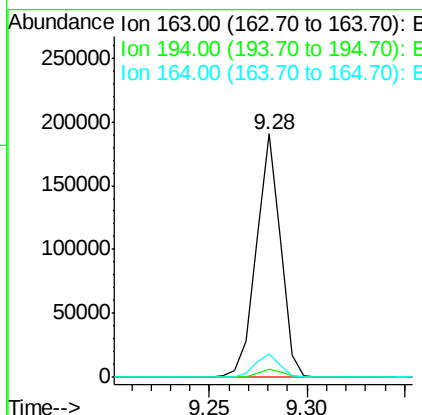
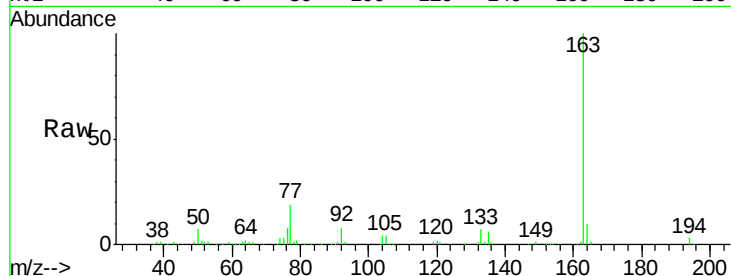
#49
Dimethylphthalate
Concen: 7.90 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
B-5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		163378		
194	3.2		2.6	4.0	
164	9.8		8.4	12.6	

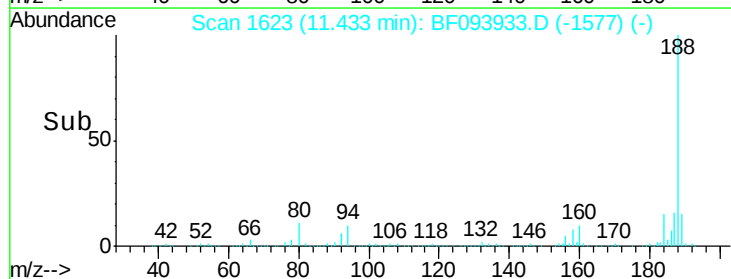
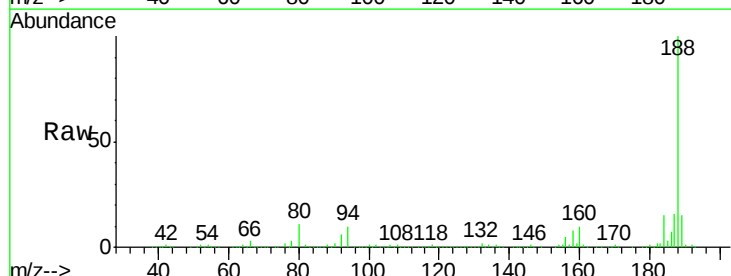
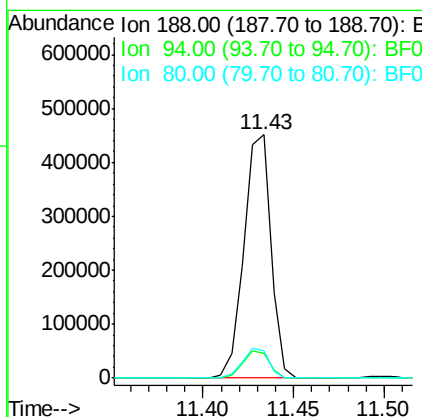
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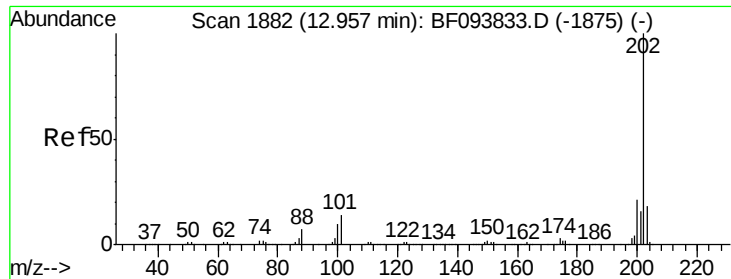
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1623
Delta R.T. -0.03 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		467184		
94	10.1		9.4	14.2	
80	11.1		10.2	15.2	





#74

Fluoranthene

Concen: 3.57 ng

RT: 12.92 min Scan# 1876

Delta R.T. -0.04 min

Lab File: BF093933.D

Acq: 25 Mar 2017 3:31

Instrument :

BNA_F

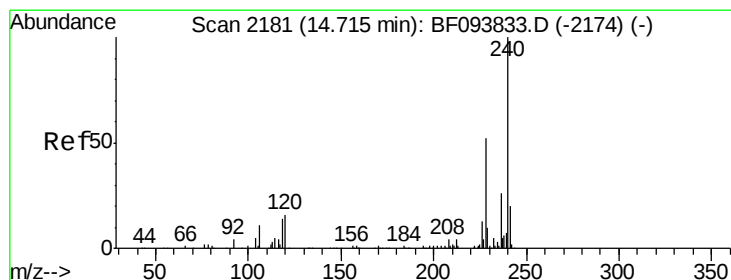
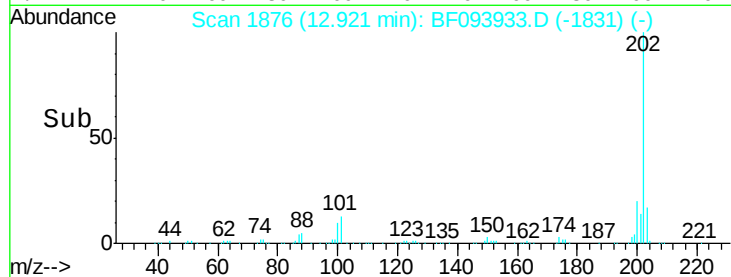
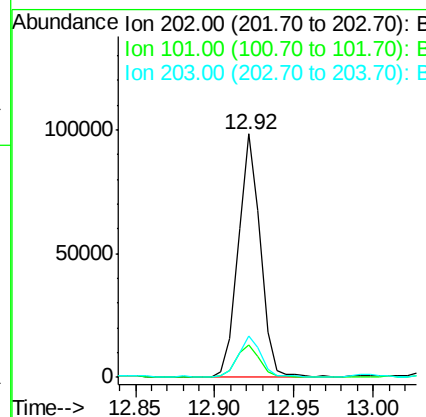
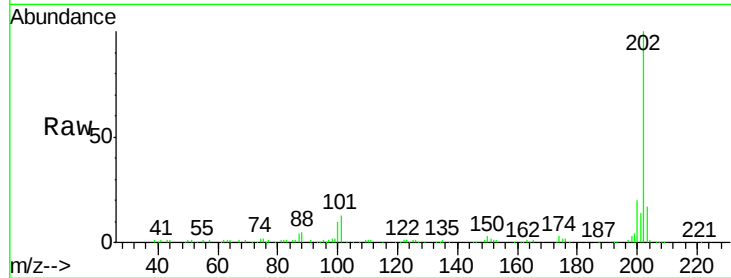
ClientSampled :

B-5

Tot Ion:	202	Resp:	95095
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	16.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

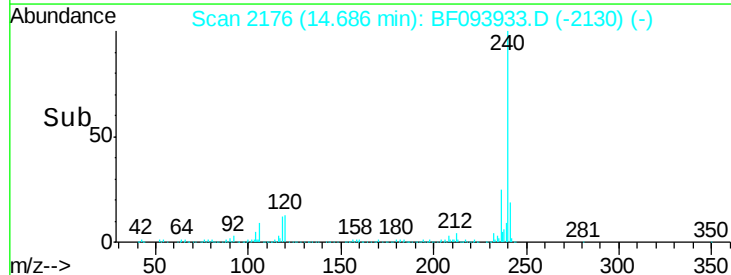
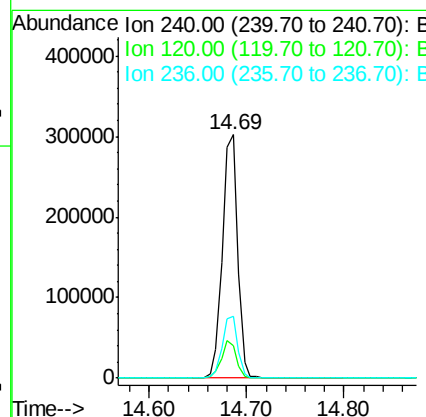
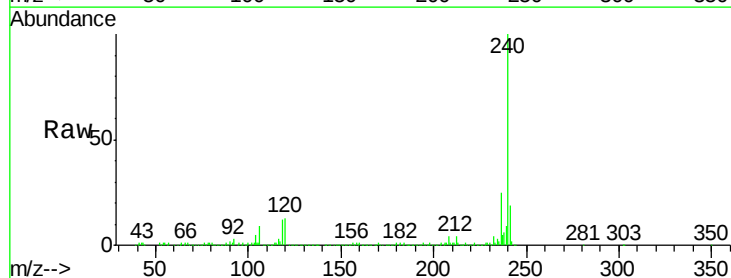
RT: 14.69 min Scan# 2176

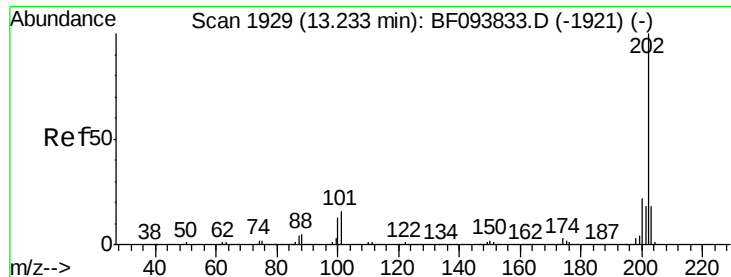
Delta R.T. -0.03 min

Lab File: BF093933.D

Acq: 25 Mar 2017 3:31

Tgt Ion:	240	Resp:	329137
Ion Ratio	Lower	Upper	
240	100		
120	13.5	5.8	8.8#
236	25.3	20.5	30.7





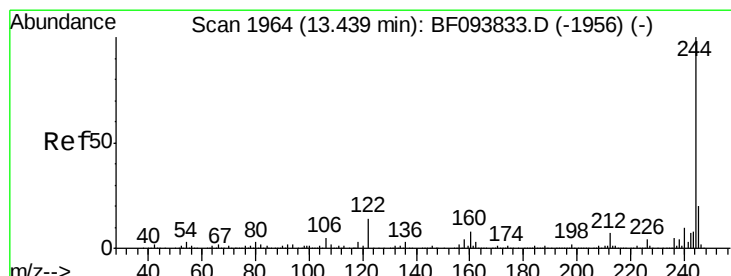
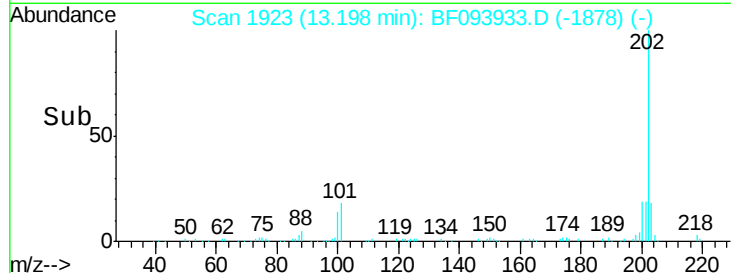
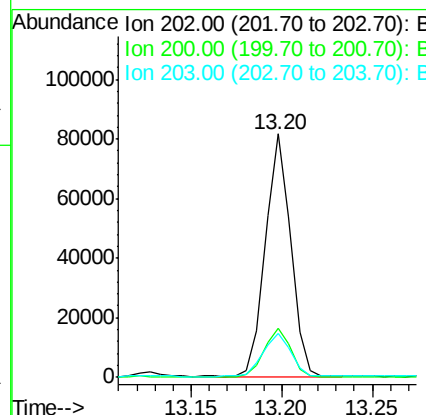
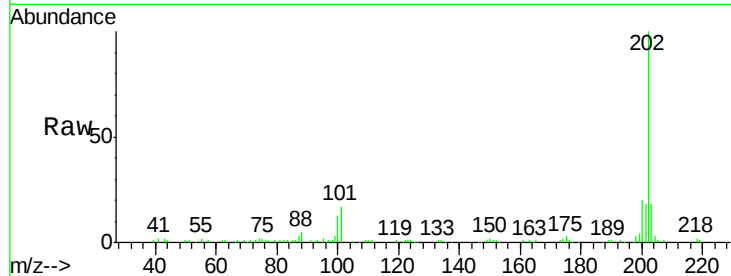
#77
Pvrene
Concen: 3.37 ng
RT: 13.20 min Scan# 1923
Delta R.T. -0.04 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Instrument :
BNA_F
ClientSampled :
B-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	17.9	14.4	21.6

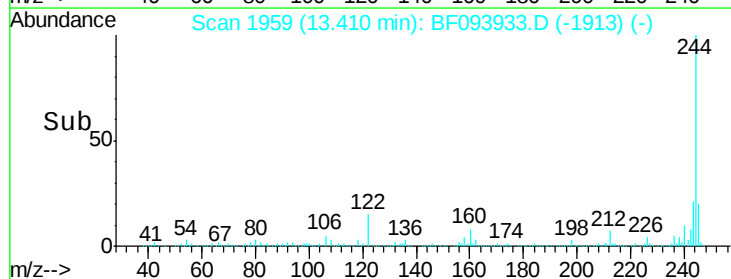
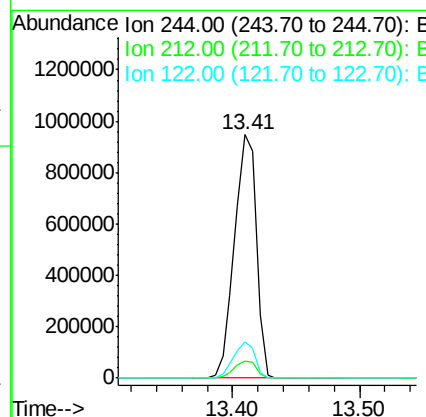
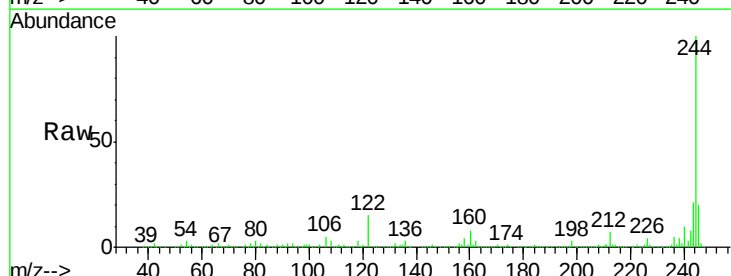
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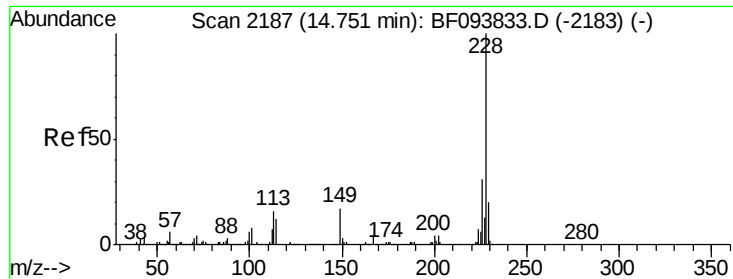
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#78
Terphenyl-d14
Concen: 76.58 ng
RT: 13.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.7	10.3	15.5





#82

Chrysene

Concen: 2.29 ng

RT: 14.71 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BF093933.D

Acq: 25 Mar 2017 3:31

Instrument :

BNA_F

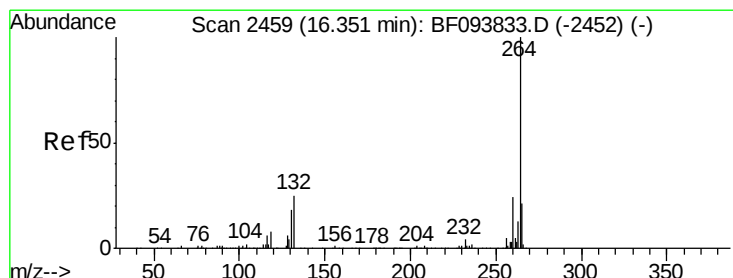
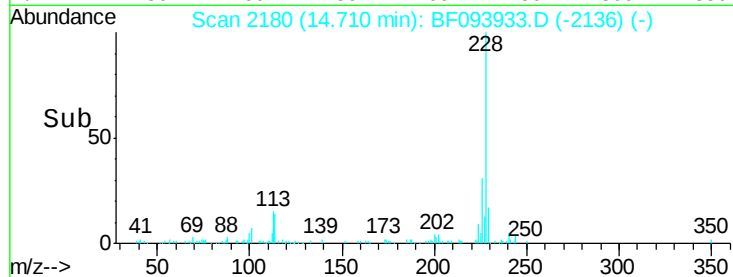
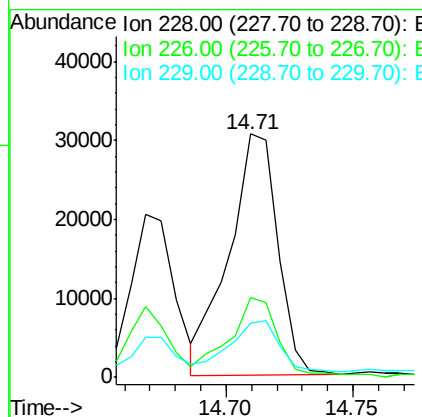
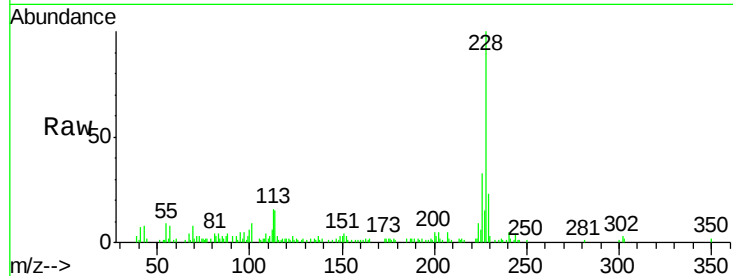
ClientSampleId :

B-5

Tot Ion:	228	Resp:	40861
Ion Ratio	Lower	Upper	
228	100		
226	33.0	24.9	37.3
229	22.5	15.8	23.6

Manual Integrations
APPROVED

mohammad
3/27/2017 12:56:57 PM



#86

Perylene-d12

Concen: 20.00 ng

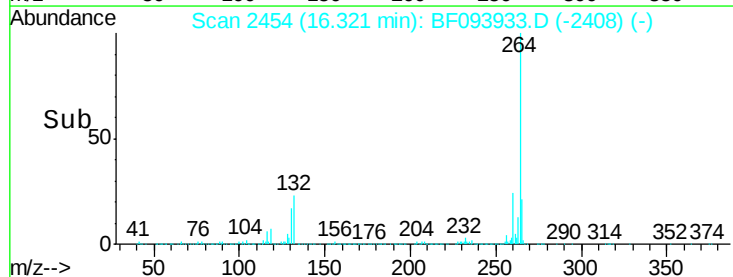
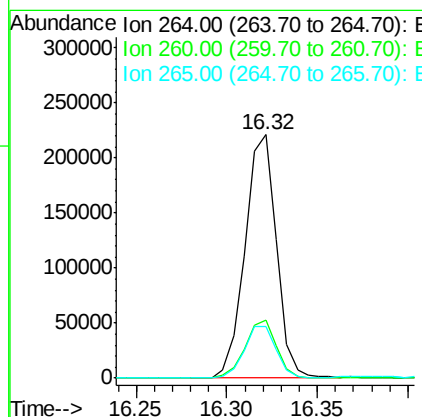
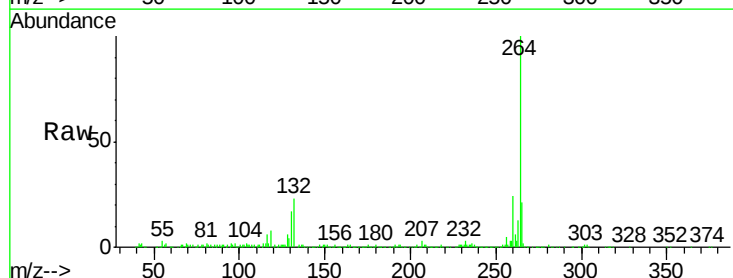
RT: 16.32 min Scan# 2454

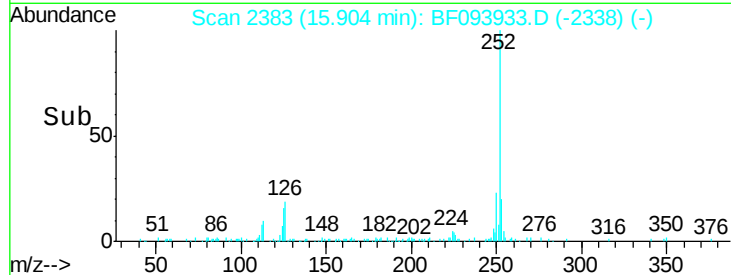
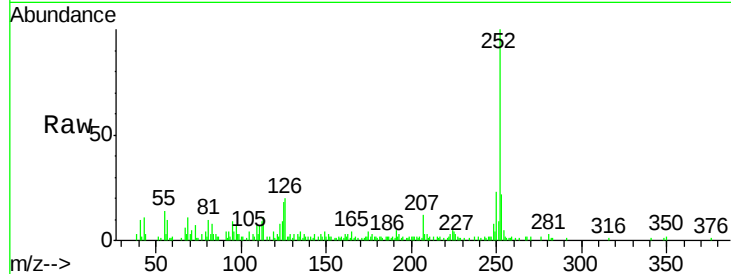
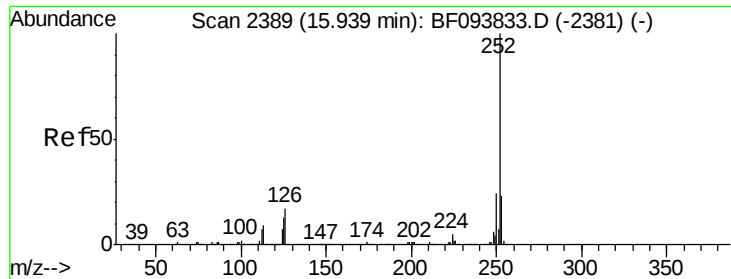
Delta R.T. -0.03 min

Lab File: BF093933.D

Acq: 25 Mar 2017 3:31

Tgt Ion:	264	Resp:	266751
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8





#87
Benzo(b)fluoranthene
Concen: 2.59 ng/ml
RT: 15.90 min Scan# 2383
Delta R.T. -0.04 min
Lab File: BF093933.D
Acq: 25 Mar 2017 3:31

Instrument :
BNA_F
ClientSampleId :
B-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	17.6	9.8	14.8

Manual Integrations
APPROVED

mohammad
3/27/2017 12:56:57 PM

