

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093384.D
 Acq On : 4 Mar 2017 2:57
 Operator : SJ/MA
 Sample : I2078-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-7

Manual Integrations
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 3/6/2017 4:23:38 PM

Quant Time: Mar 04 04:09:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 04 01:38:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	204010	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	763376	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	349079	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	554904	20.00	ng	0.00
75) Chrysene-d12	13.94	240	381745	20.00	ng	-0.01
86) Perylene-d12	15.36	264	354218	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	23121	1.94	ng	0.02
7) Phenol-d6	6.43	99	335000	21.90	ng	-0.01
23) Nitrobenzene-d5	7.36	82	993001	72.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	682	0.27	ng	0.01
44) 2-Fluorobiphenyl	9.15	172	1531477	79.48	ng	0.00
78) Terphenyl-d14	12.89	244	949187	58.42	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	117809	5.01	ng	99
73) Di-n-butylphthalate	11.87	149	276018m	8.36	ng	
74) Fluoranthene	12.52	202	76145	2.32	ng	91
77) Pyrene	12.75	202	73250	2.56	ng	97

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

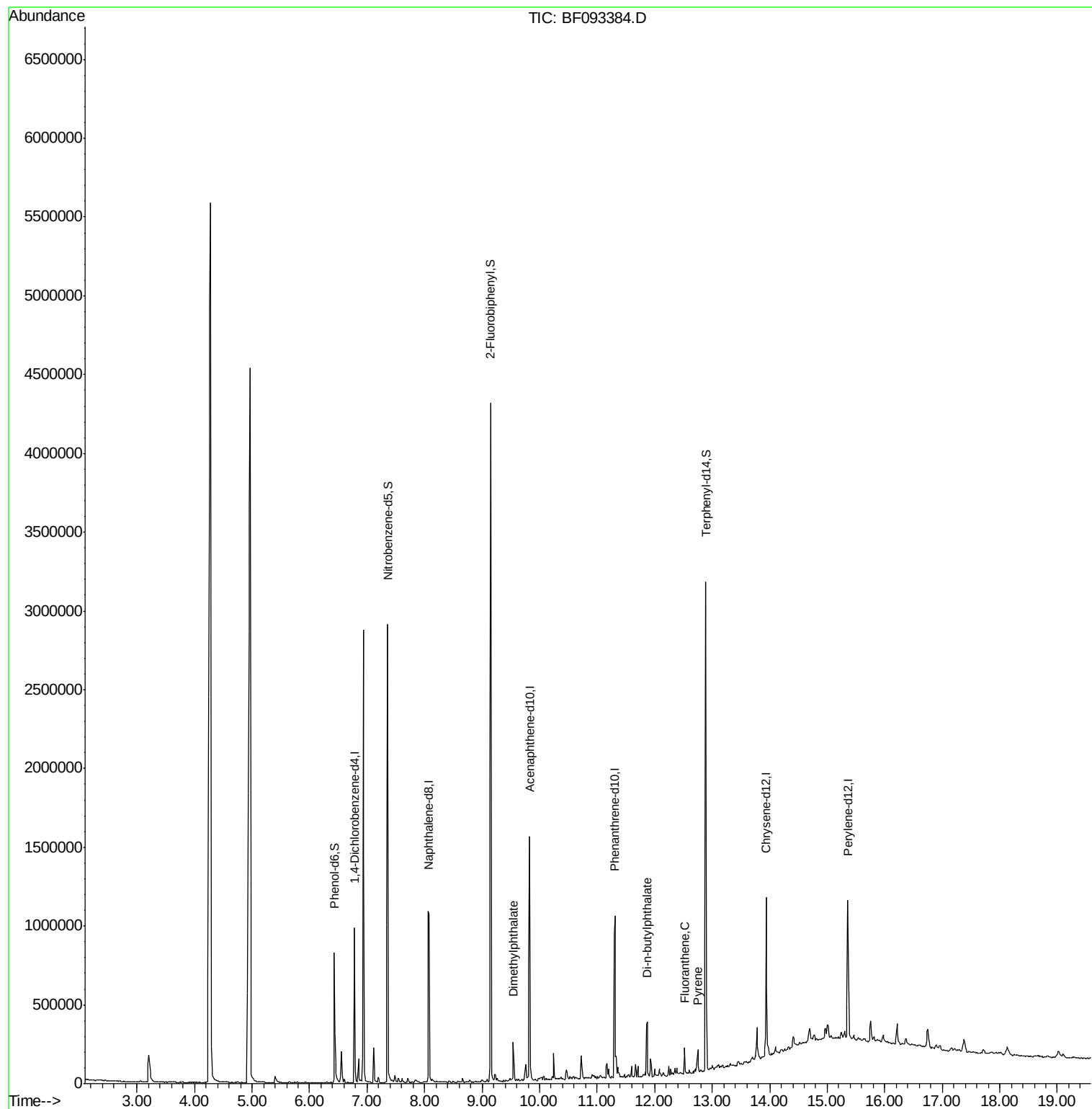
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093384.D
Acq On : 4 Mar 2017 2:57
Operator : SJ/MA
Sample : I2078-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

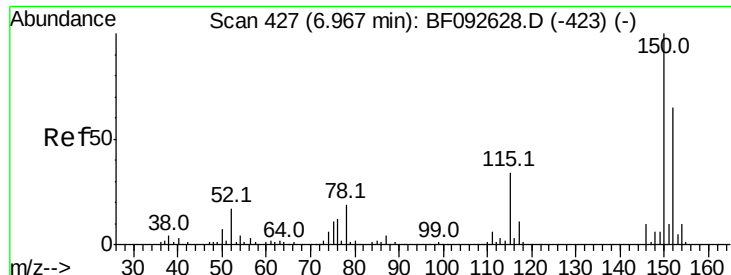
Instrument :
BNA_F
ClientSampleId :
C-7

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Quant Time: Mar 04 04:09:57 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 04 01:38:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093384.D

Acq: 4 Mar 2017 2:57

Instrument :

BNA_F

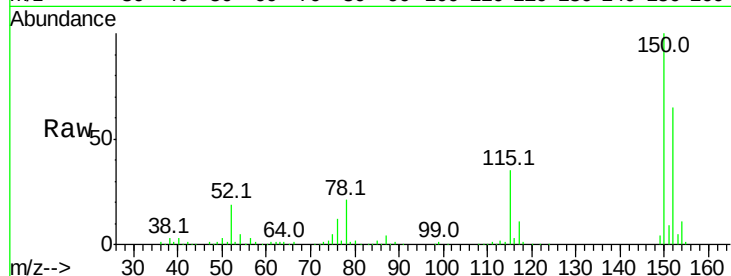
ClientSampled :

C-7

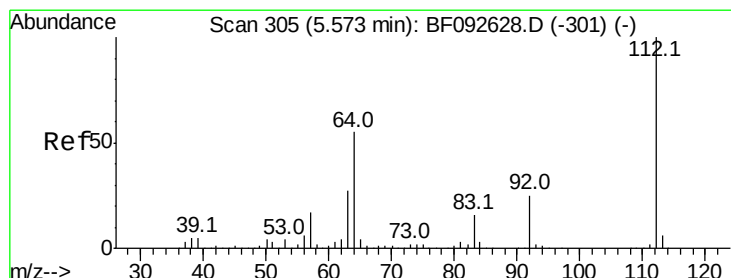
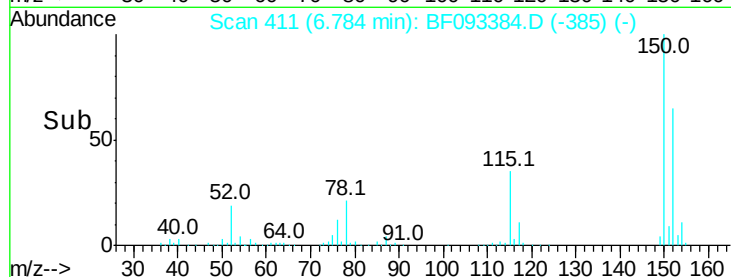
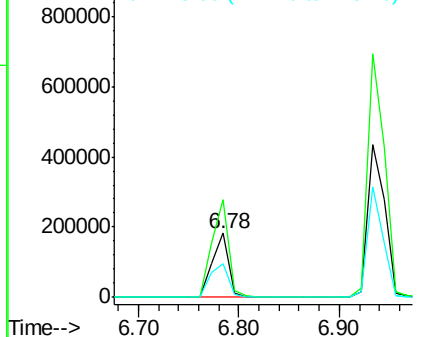
Tot Ion:	152	Resp:	204010
Ion Ratio	Lower	Upper	
152	100		
150	153.4	124.9	187.3
115	53.6	46.0	69.0

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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: 1.94 ng

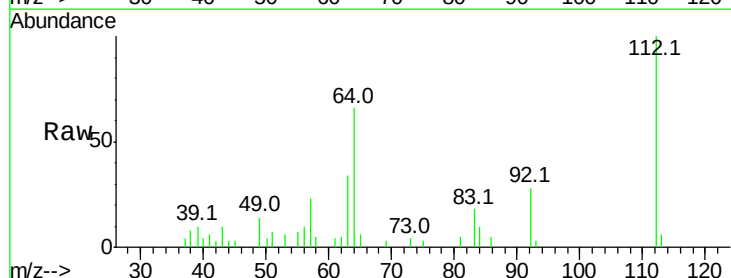
RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

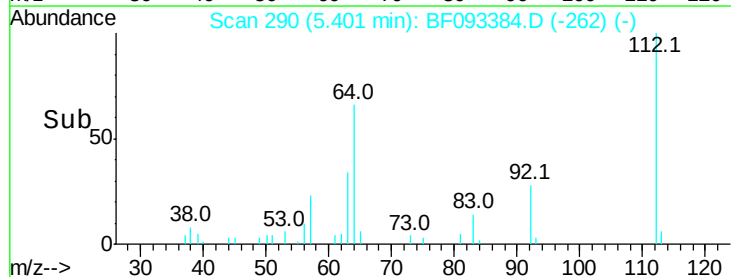
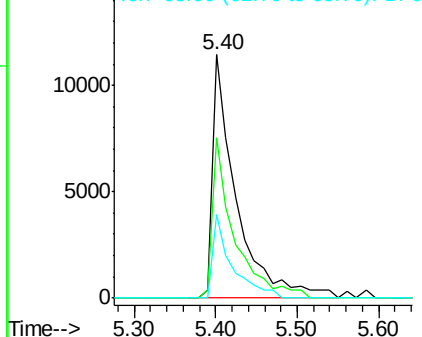
Lab File: BF093384.D

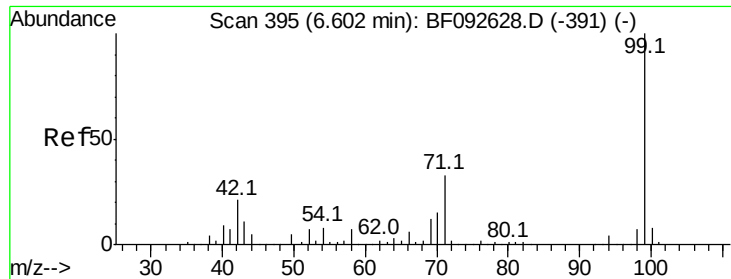
Acq: 4 Mar 2017 2:57

Tgt Ion:	112	Resp:	23121
Ion Ratio	Lower	Upper	
112	100		
64	66.1	46.1	69.1
63	34.1	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: 21.90 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093384.D

Acq: 4 Mar 2017 2:57

Instrument :

BNA_F

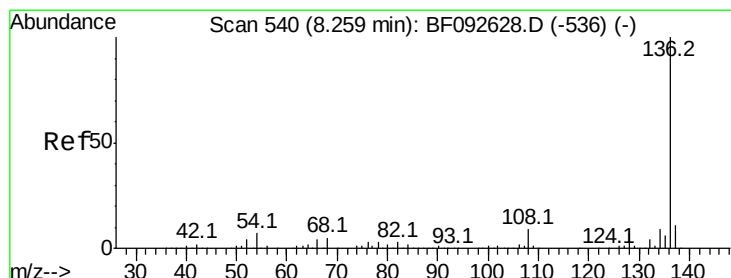
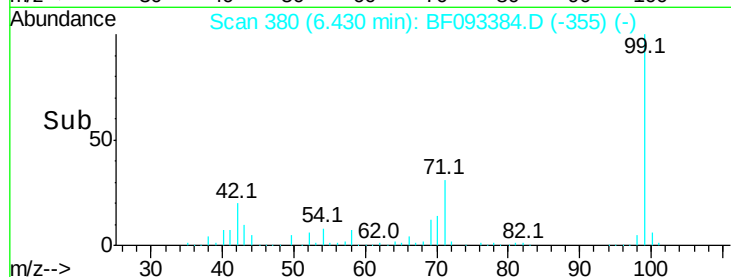
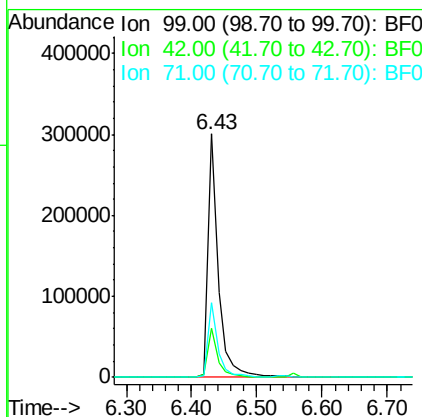
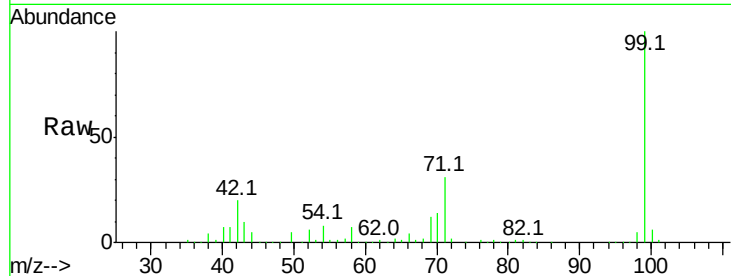
ClientSampleId :

C-7

Tot Ion:	99	Resp:	335000
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.6	23.4
71	30.8	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

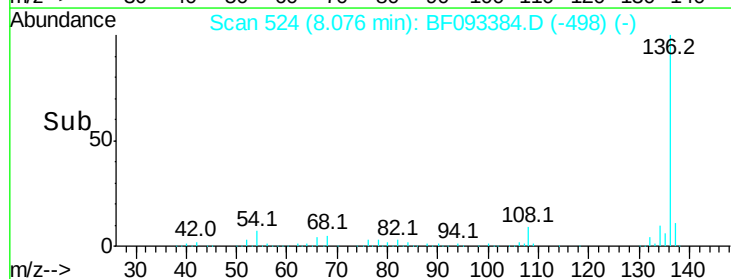
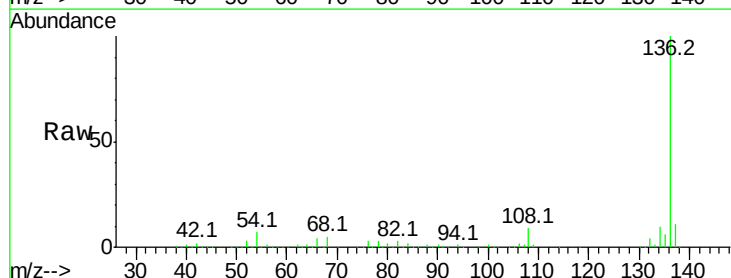
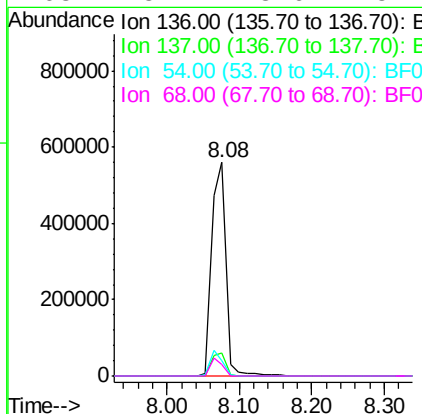
RT: 8.08 min Scan# 524

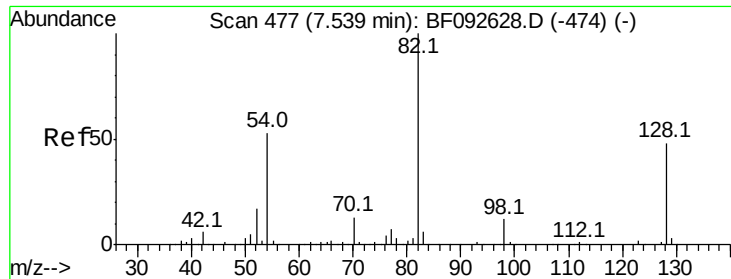
Delta R.T. -0.00 min

Lab File: BF093384.D

Acq: 4 Mar 2017 2:57

Tgt Ion:	136	Resp:	763376
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	7.3	4.5	6.7#
68	5.2	3.6	5.4





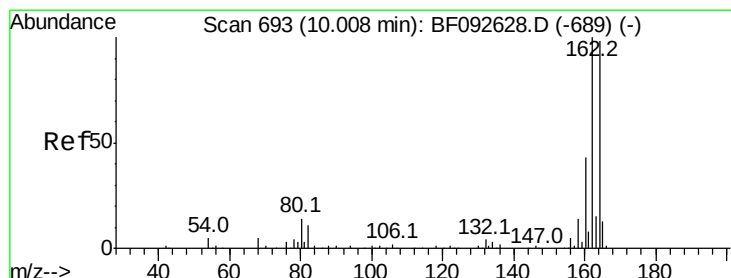
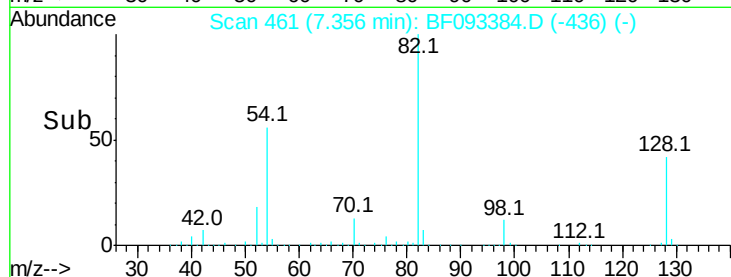
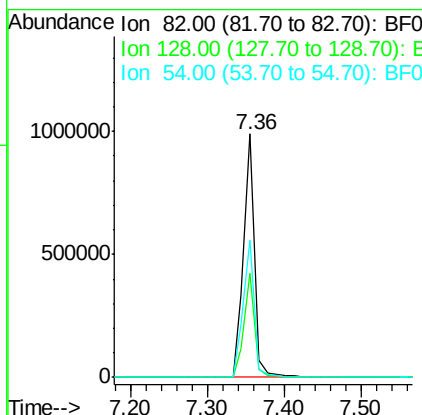
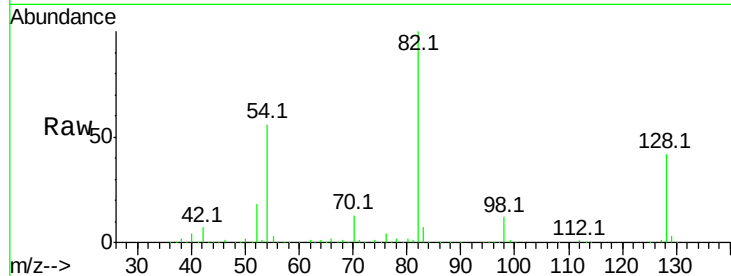
#23
 Nitrobenzene-d5
 Concen: 72.44 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF093384.D
 Acq: 4 Mar 2017 2:57

Instrument :
 BNA_F
 ClientSampled :
 C-7

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	56.3	39.5	59.3

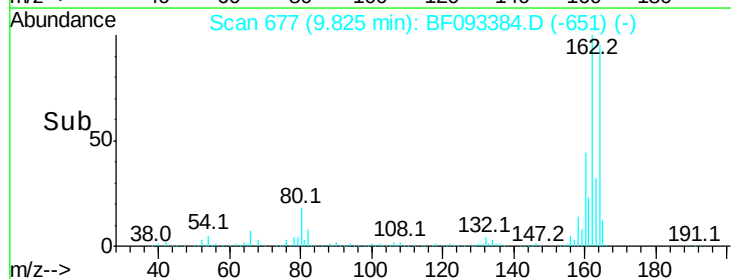
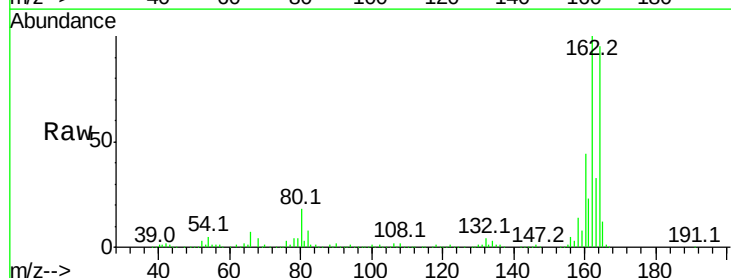
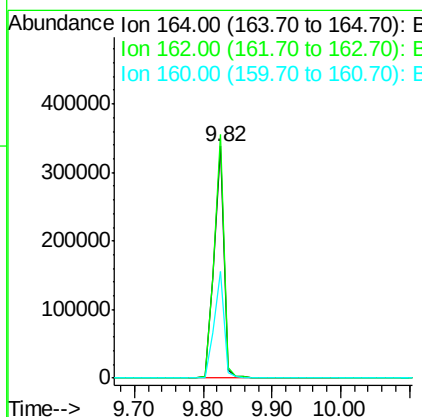
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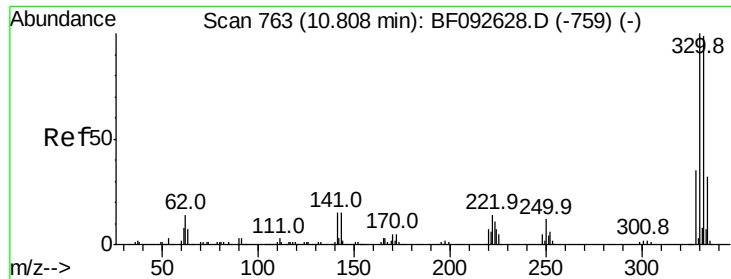
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF093384.D
 Acq: 4 Mar 2017 2:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.2	120.2
160	46.1	36.9	55.3





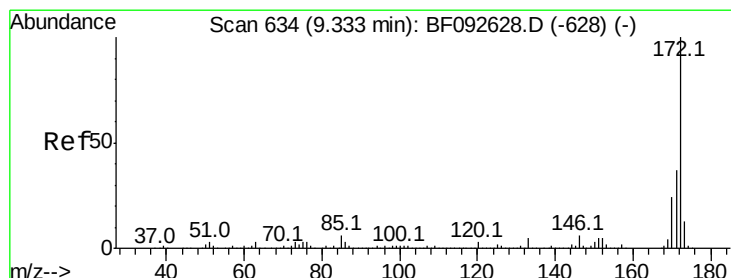
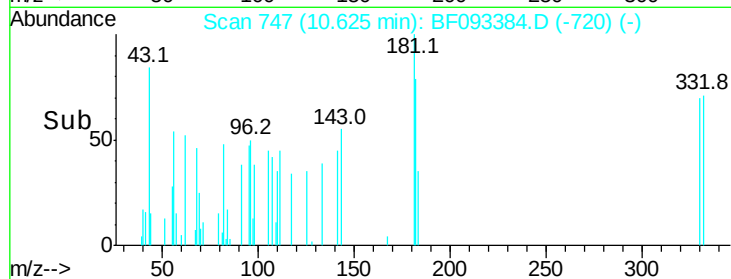
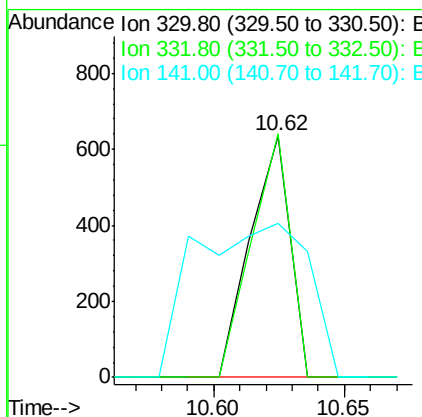
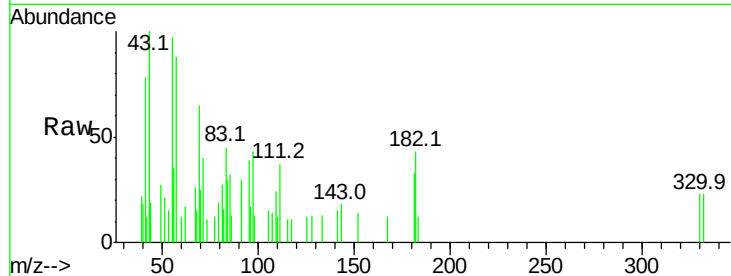
#41
 2,4,6-Tribromophenol
 Concen: 0.27 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: BF093384.D
 Acq: 4 Mar 2017 2:57

Instrument :
 BNA_F
 ClientSampled :
 C-7

Tot Ion:330 Resp: 682
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 181.2 34.1 51.1#

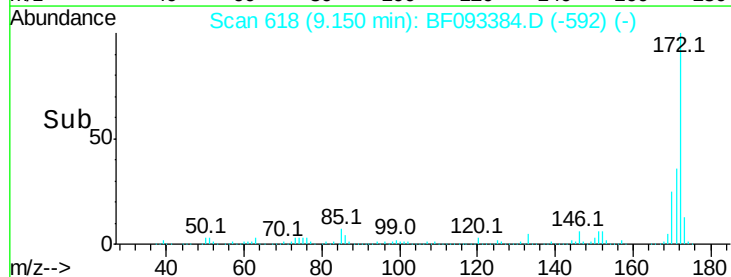
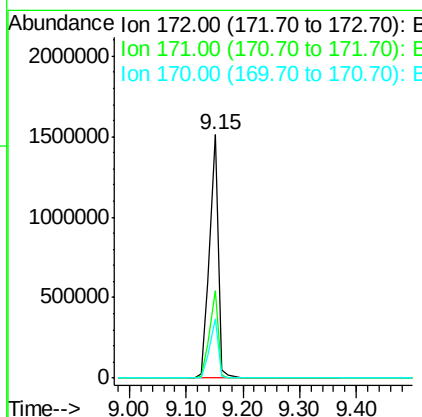
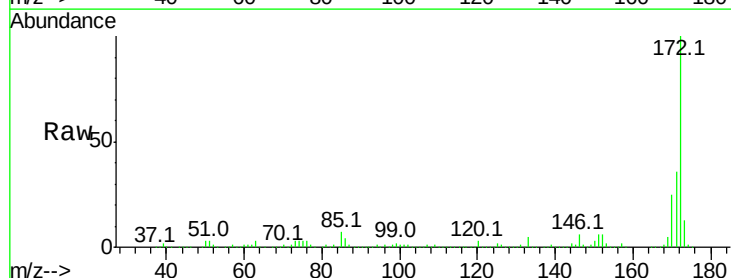
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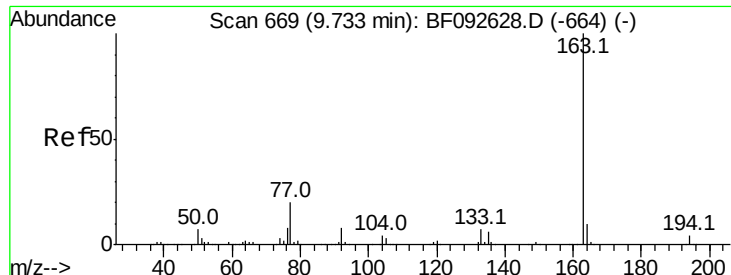
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#44
 2-Fluorobiphenyl
 Concen: 79.48 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093384.D
 Acq: 4 Mar 2017 2:57

Tgt Ion:172 Resp: 1531477
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 20.2 30.4





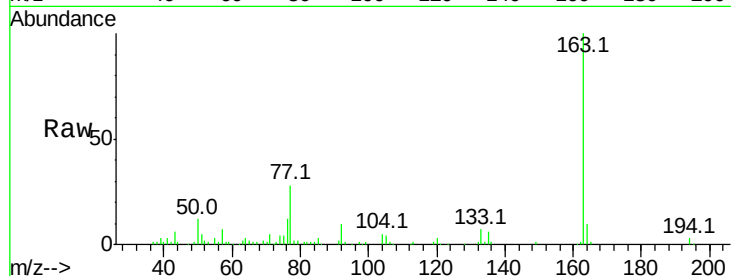
#49
Dimethylphthalate
Concen: 5.01 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF093384.D
Acq: 4 Mar 2017 2:57

Instrument :
BNA_F
ClientSampleId :
C-7

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.1	3.0	4.4	
164	10.5	8.0	12.0	

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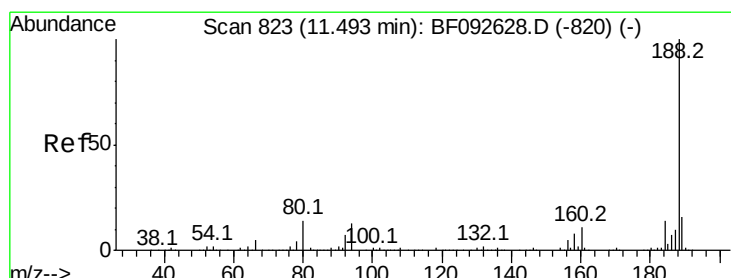
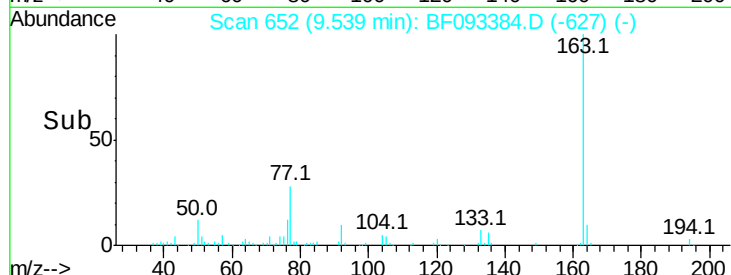
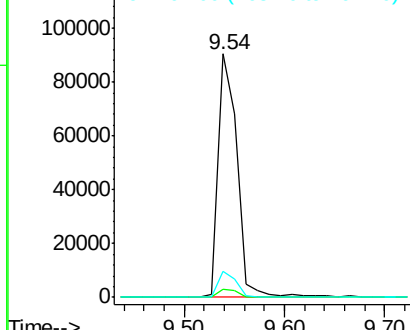


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF093384.D
Acq: 4 Mar 2017 2:57

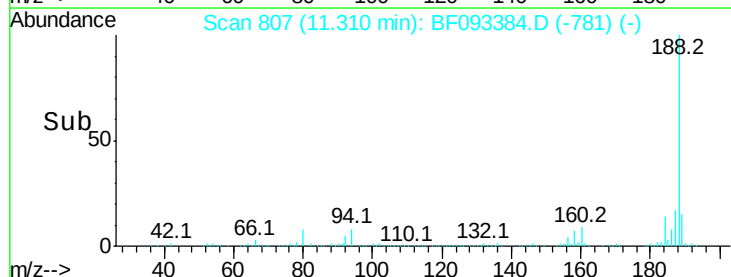
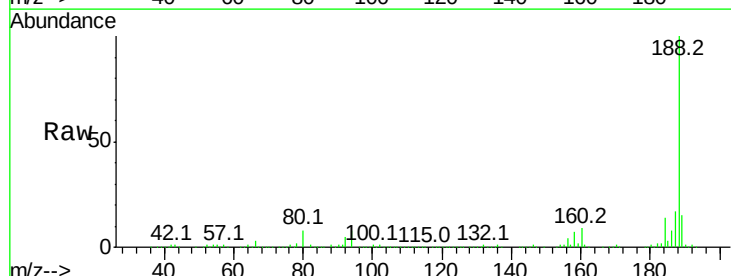
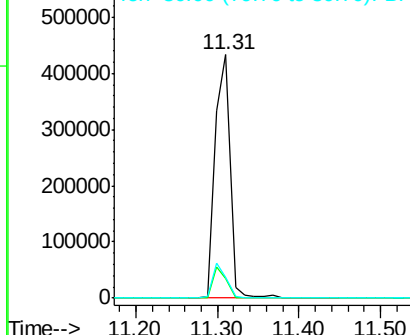
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	10.0	15.0#	
80	8.4	11.2	16.8#	

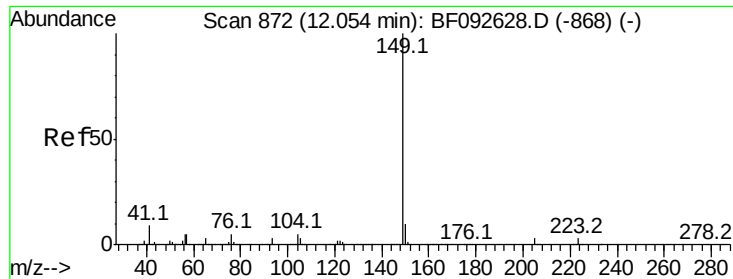
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 8.36 ng/mL

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF093384.D

Acq: 4 Mar 2017 2:57

Instrument :

BNA_F

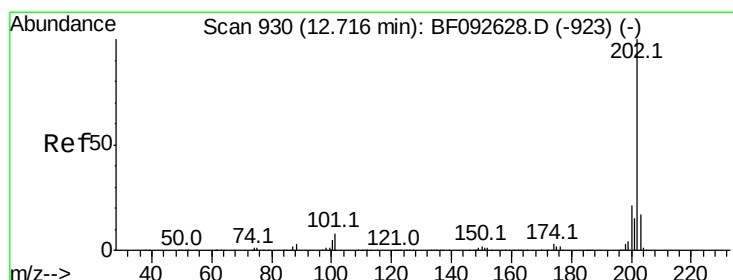
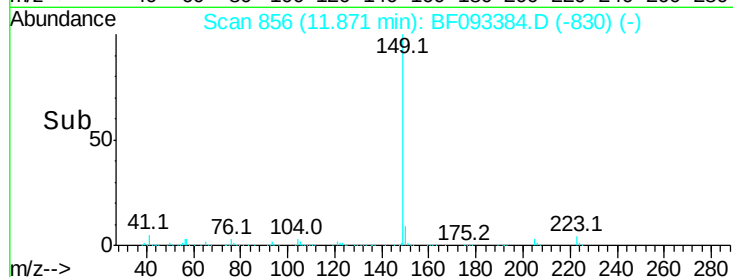
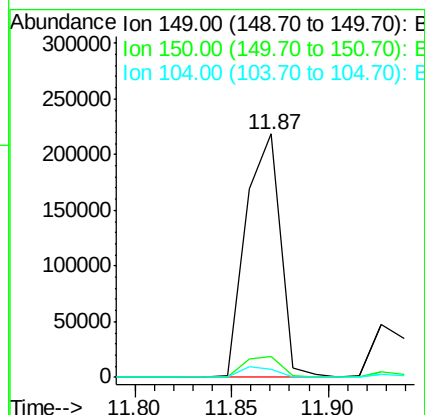
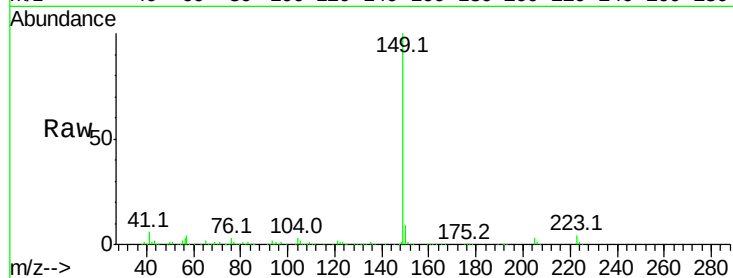
ClientSampleID :

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Tot Ion:	149	Resp:	276018
Ion Ratio	Lower	Upper	
149	100		
150	8.5	8.1	12.1
104	3.3	4.6	7.0

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#74

Fluoranthene

Concen: 2.32 ng/mL

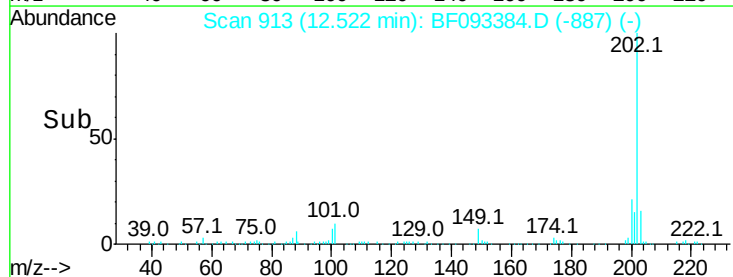
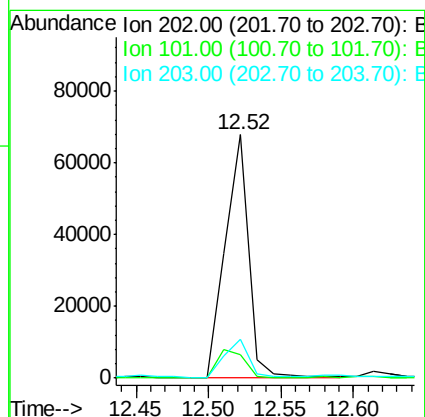
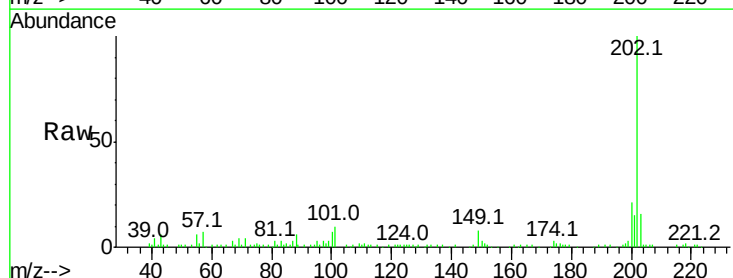
RT: 12.52 min Scan# 913

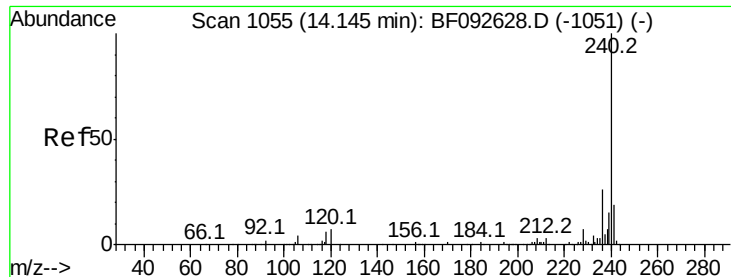
Delta R.T. -0.00 min

Lab File: BF093384.D

Acq: 4 Mar 2017 2:57

Tgt Ion:	202	Resp:	76145
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	34.6
203	16.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093384.D

Acq: 4 Mar 2017 2:57

Instrument :

BNA_F

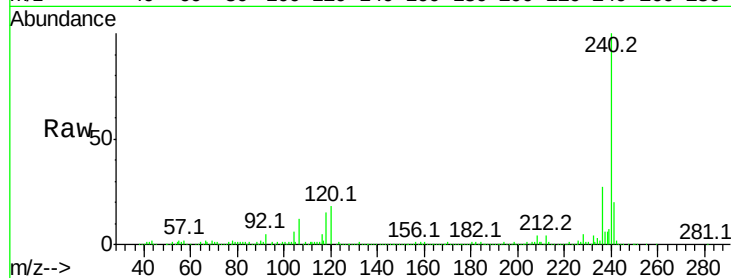
ClientSampleId :

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Tot Ion:	240	Resp:	381745
Ion Ratio	Lower	Upper	
240	100		
120	17.6	12.9	19.3
236	26.8	20.9	31.3

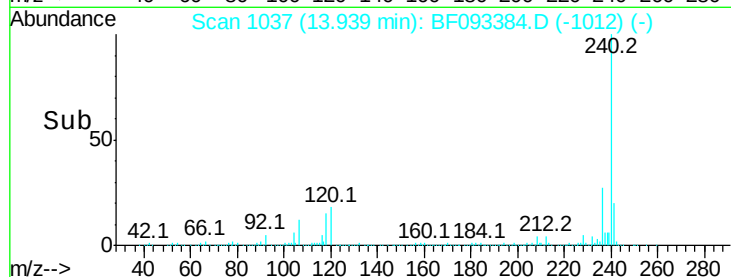
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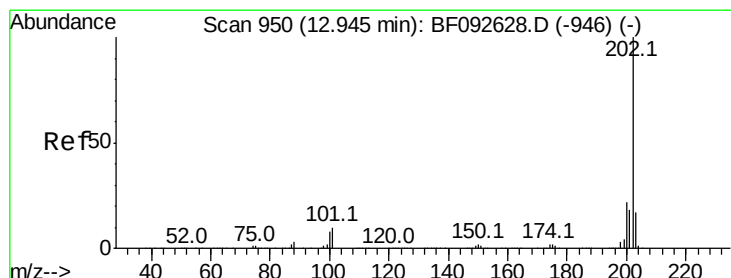


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.94



Time-->



#77

Pyrene

Concen: 2.56 ng

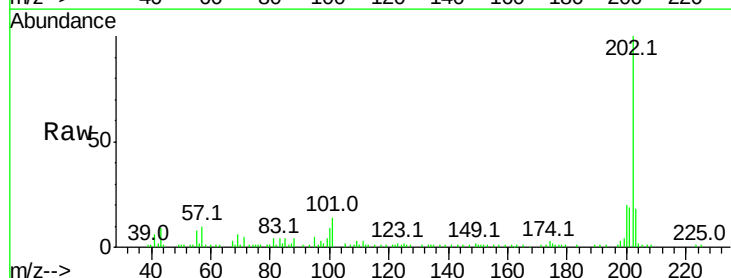
RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF093384.D

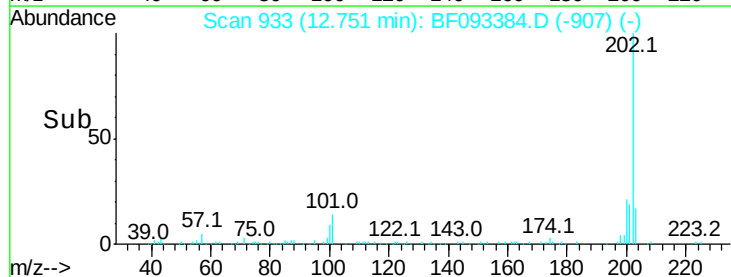
Acq: 4 Mar 2017 2:57

Tgt Ion:	202	Resp:	73250
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.7	26.5
203	17.7	14.7	22.1

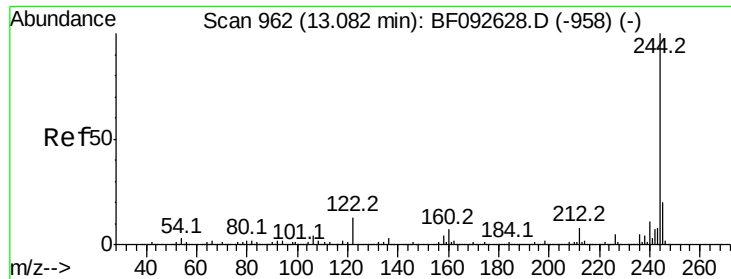


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.75



Time-->



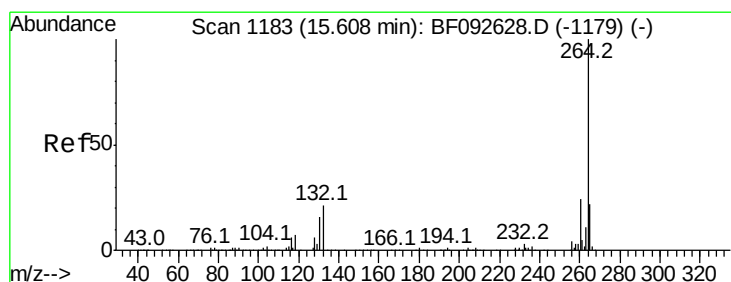
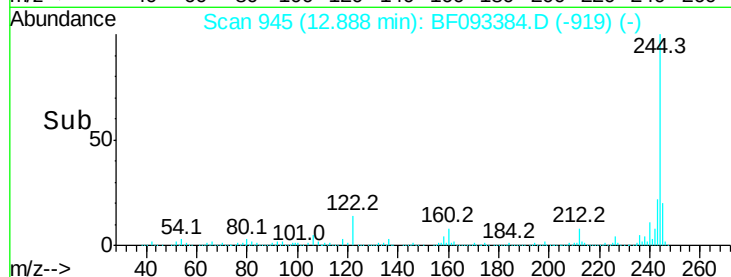
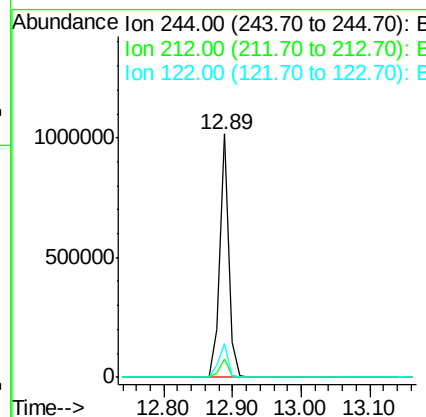
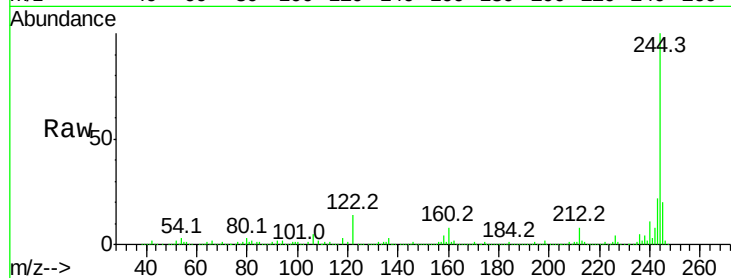
#78
 Terphenyl-d14
 Concen: 58.42 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF093384.D
 Acq: 4 Mar 2017 2:57

Instrument :
 BNA_F
 ClientSampled :
 C-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.9	11.4	17.2

Manual Integrations
 APPROVED

mohammad
 3/6/2017 4:23:38 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF093384.D
 Acq: 4 Mar 2017 2:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.4	26.0

