

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093117.D
 Acq On : 13 Jun 2017 00:39
 Operator : SJ/MA
 Sample : I3460-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MPE-9

Manual Integrations
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Quant Time: Jun 13 02:32:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	542	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2520	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1415	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2772	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4650	0.40	ng	0.00
34) Perylene-d12	23.67	264	4050	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	330	0.21	ng	0.00
5) Phenol-d6	6.90	99	279	0.12	ng	0.00
8) Nitrobenzene-d5	8.88	82	911	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	1572	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	206	0.64	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	3336	0.55	ng	0.00
25) Fluoranthene-d10	19.12	212	4692	0.51	ng	0.00
29) Terphenyl-d14	19.72	244	4305	0.48	ng	0.00
Target Compounds						
16) Acenaphthylene	14.08	152	826	0.034	ng	Qvalue # 94
24) Anthracene	17.25	178	421m	0.040	ng	
32) Bis(2-ethylhexyl)phthalate	21.18	149	733	0.122	ng	# 96
39) Benzo(g,h,i)perylene	26.94	276	3212	0.068	ng	# 74

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

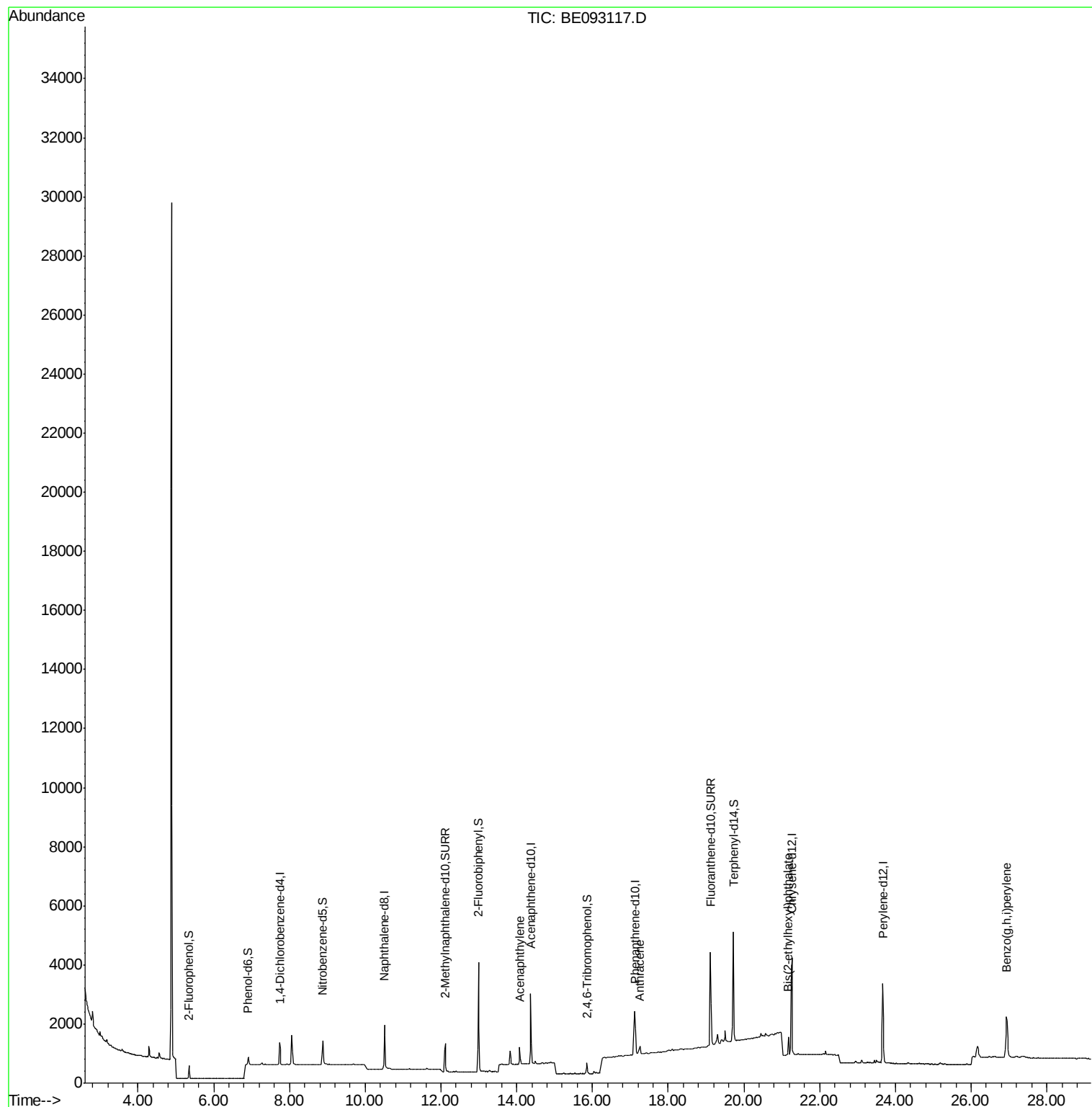
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093117.D
Acq On : 13 Jun 2017 00:39
Operator : SJ/MA
Sample : I3460-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

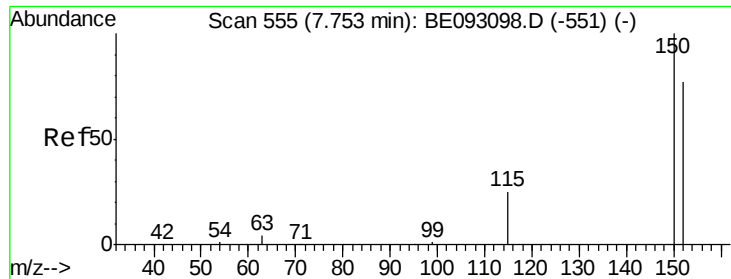
Instrument :
BNA_E
ClientSampleID :
MPE-9

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Quant Time: Jun 13 02:32:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

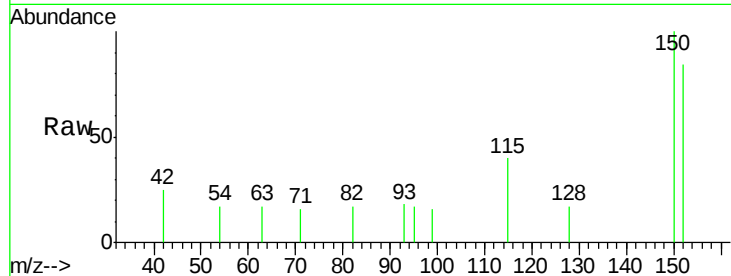




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

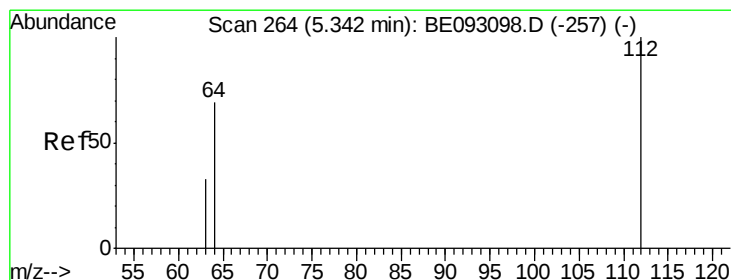
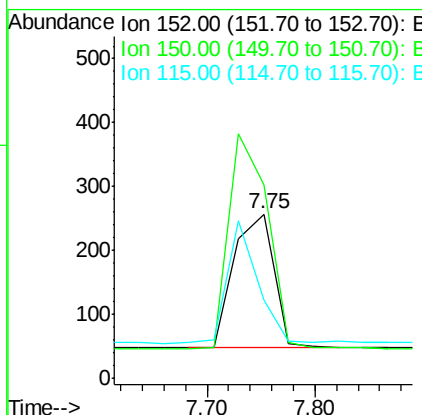
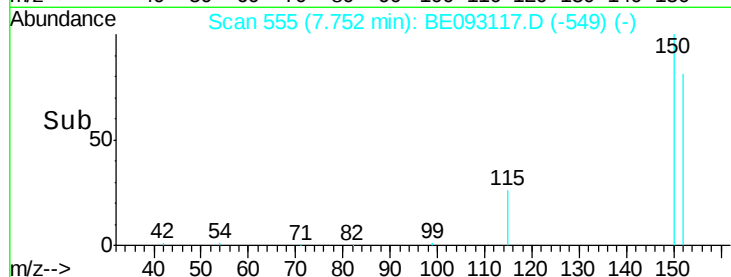
Instrument :
BNA_E
ClientSampled :
MPE-9



Tgt Ion	Ratio	Lower	Upper
152	100		
150	118.4	125.1	187.7#
115	47.7	55.7	83.5#

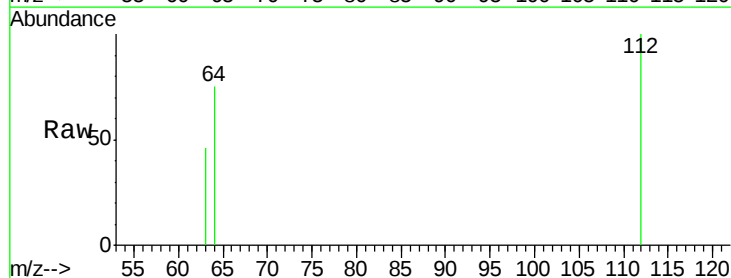
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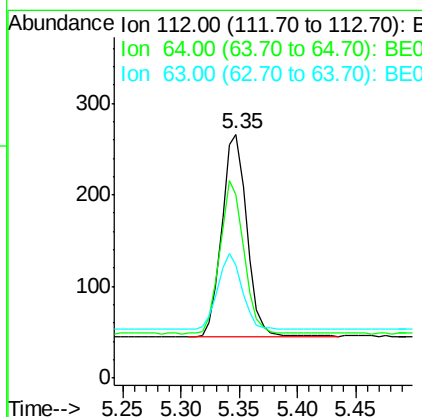
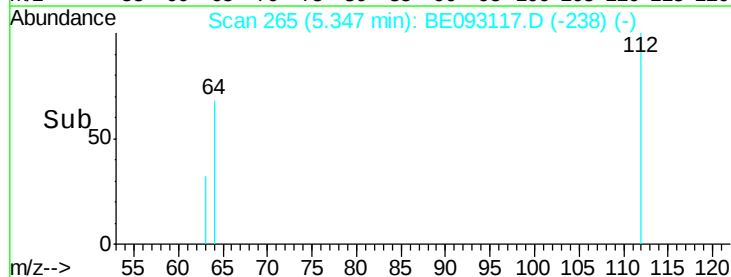


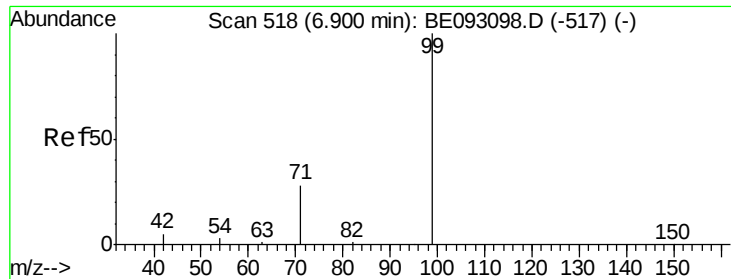
#4

2-Fluorophenol
Concen: 0.206 ng
RT: 5.35 min Scan# 265
Delta R.T. 0.01 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39



Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.4	84.6
63	36.4	29.3	43.9





#5

Phenol-d6

Concen: 0.119 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093117.D

Acq: 13 Jun 2017 00:39

Instrument :

BNA_E

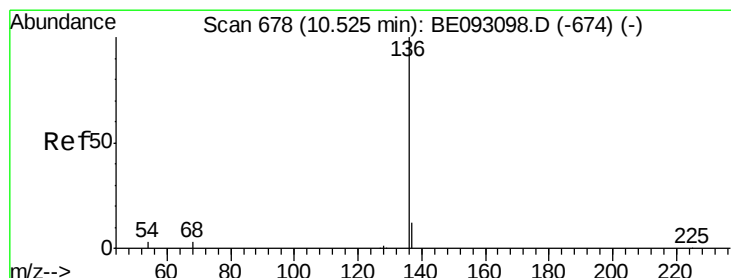
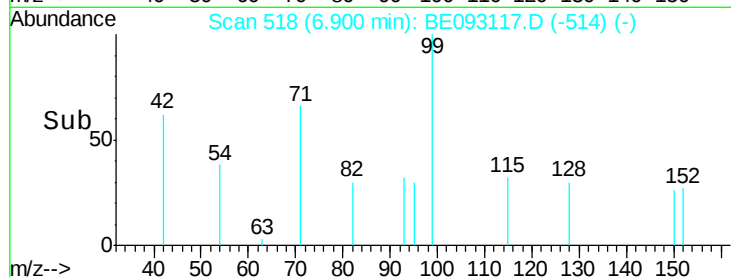
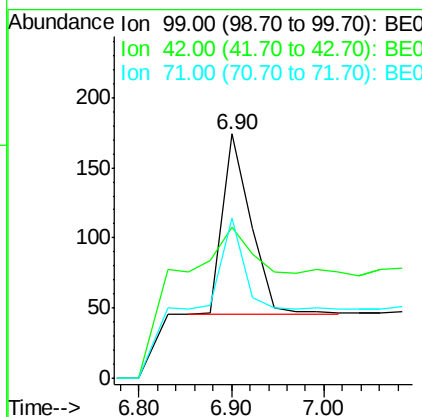
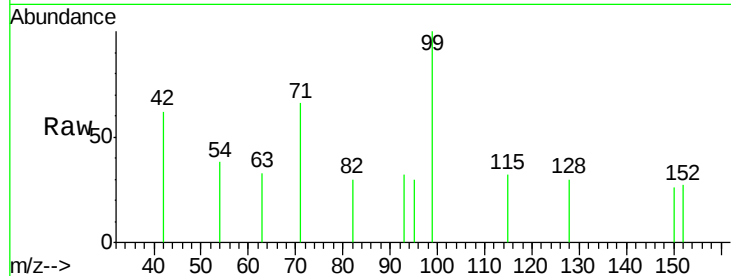
ClientSampled :

MPE-9

Tgt Ion:	99	Resp:	279
Ion Ratio	Lower	Upper	
99	100		
42	27.6	0.0	0.0#
71	38.7	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

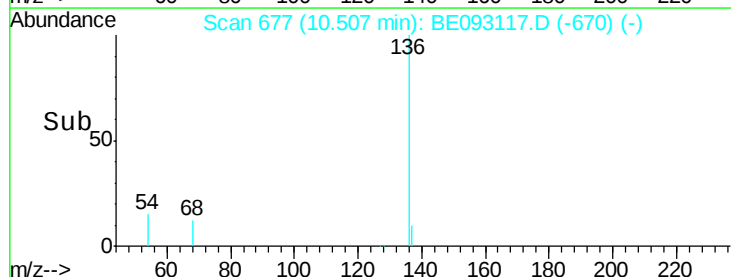
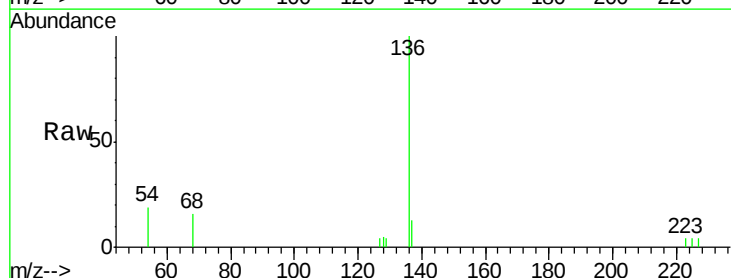
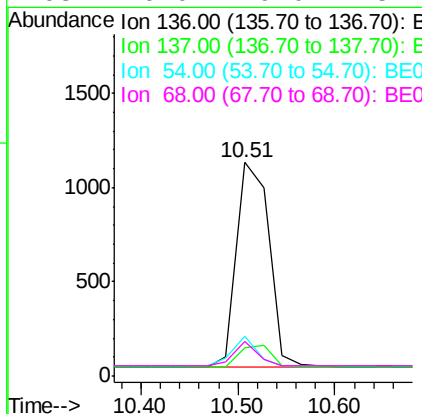
RT: 10.51 min Scan# 677

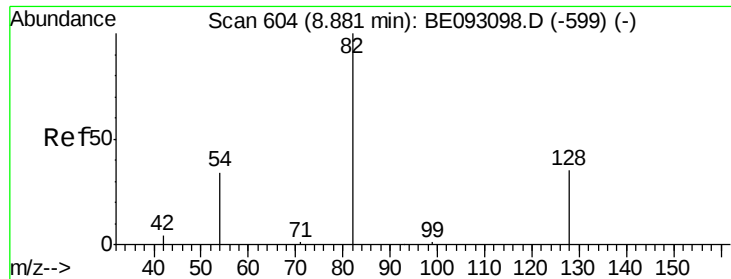
Delta R.T. -0.02 min

Lab File: BE093117.D

Acq: 13 Jun 2017 00:39

Tgt Ion:	136	Resp:	2520
Ion Ratio	Lower	Upper	
136	100		
137	13.5	9.8	14.8
54	18.9	10.3	15.5#
68	16.0	9.0	13.4#





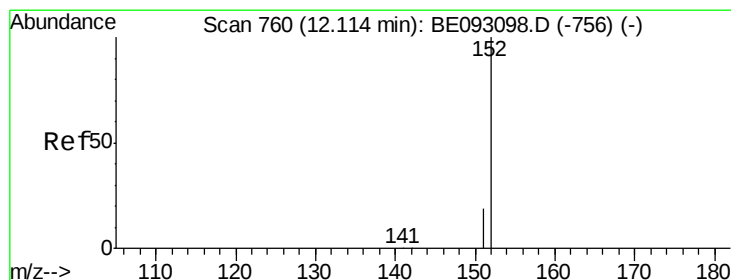
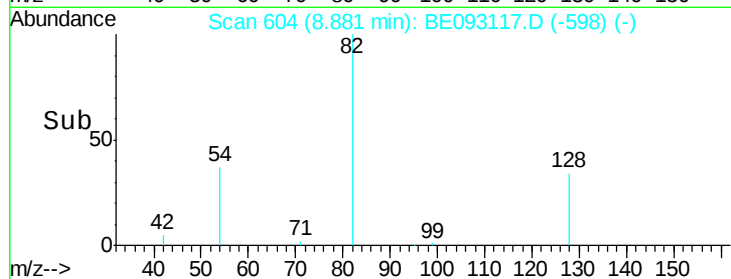
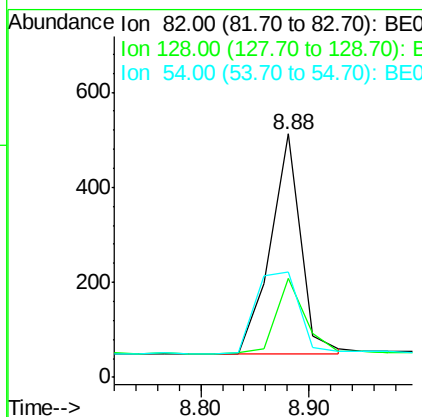
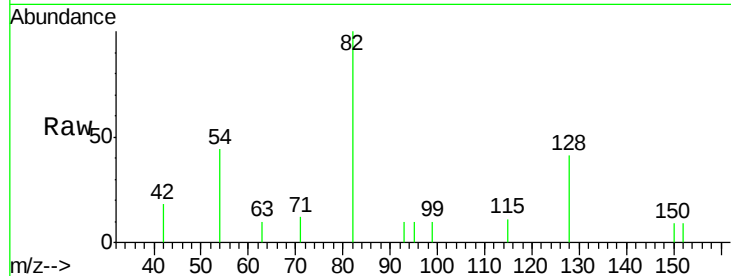
#8
 Nitrobenzene-d5
 Concen: 0.453 ng
 RT: 8.88 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BE093117.D
 Acq: 13 Jun 2017 00:39

Instrument :
 BNA_E
 ClientSampleId :
 MPE-9

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	17.0	25.4#
54	43.6	53.8	80.6#

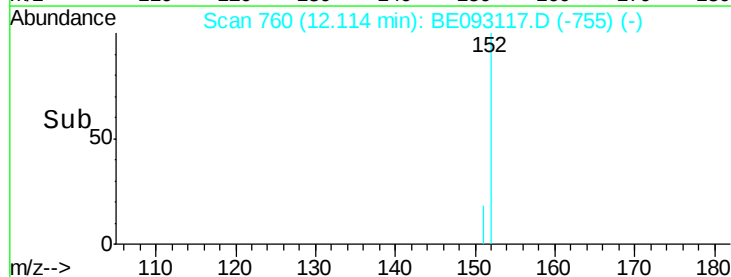
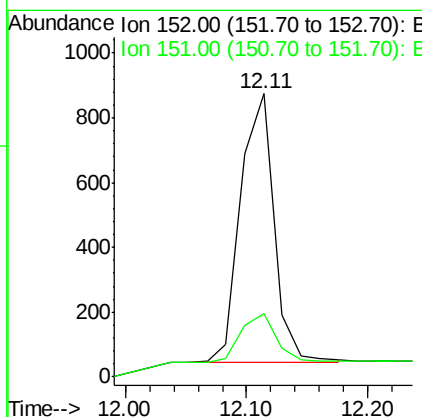
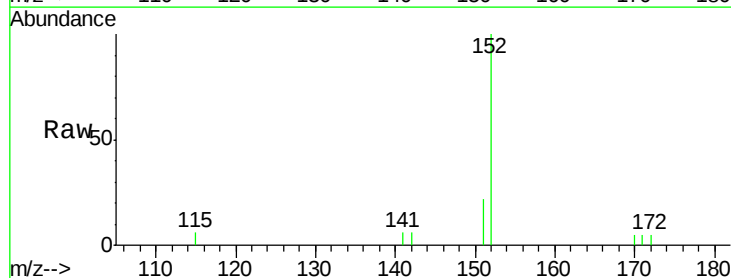
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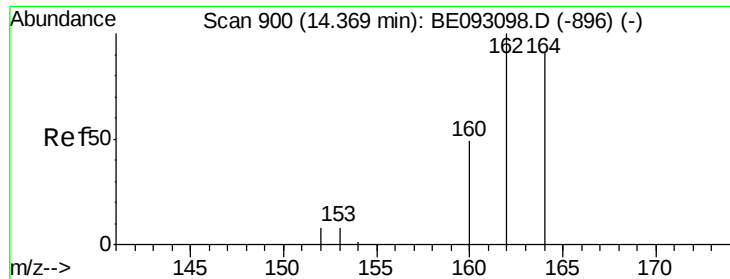
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#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.11 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BE093117.D
 Acq: 13 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.1	22.7





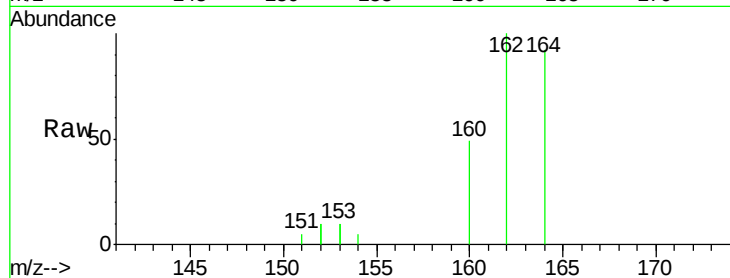
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

Instrument :
BNA_E
ClientSampleId :
MPE-9

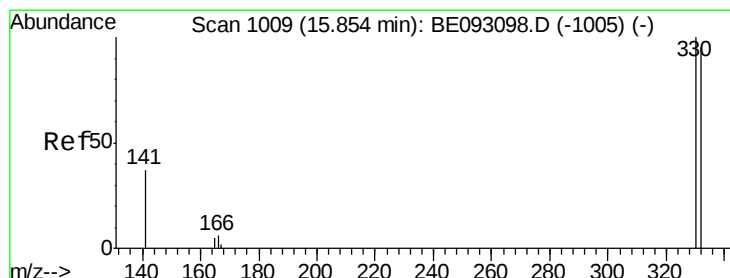
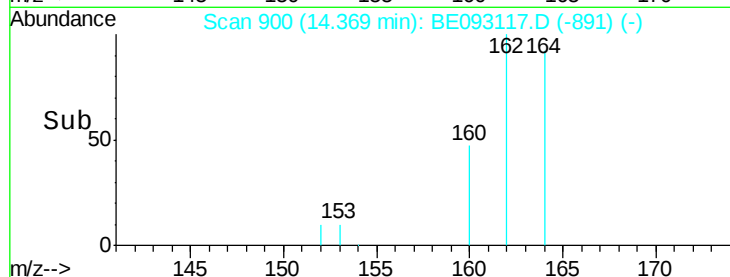
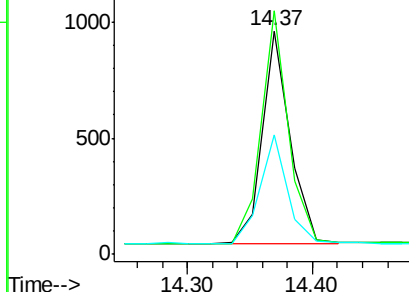
Tgt Ion:164 Resp: 1415
Ion Ratio Lower Upper
164 100
162 108.8 84.6 127.0
160 53.3 41.8 62.6

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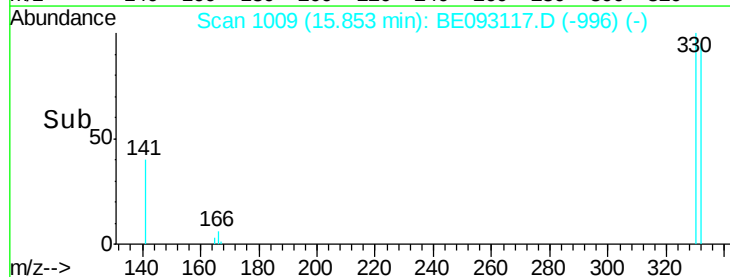
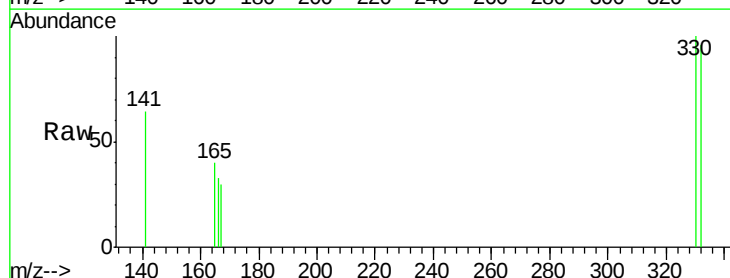
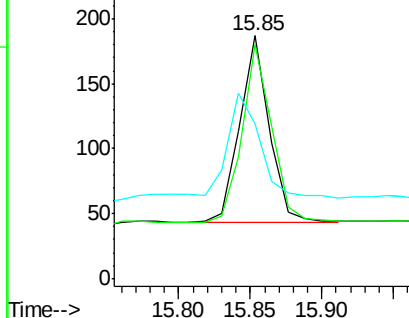
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

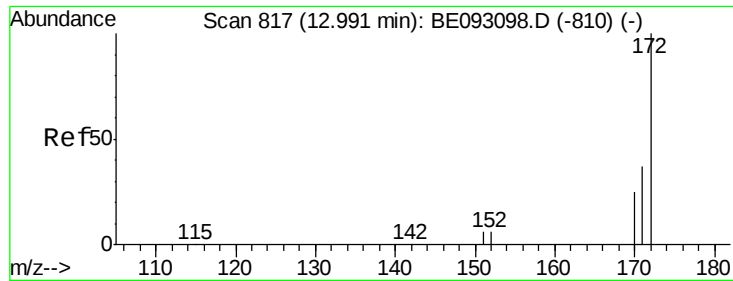


#14
2,4,6-Tribromophenol
Concen: 0.639 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

Tgt Ion:330 Resp: 206
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 74.3 56.2 84.4

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





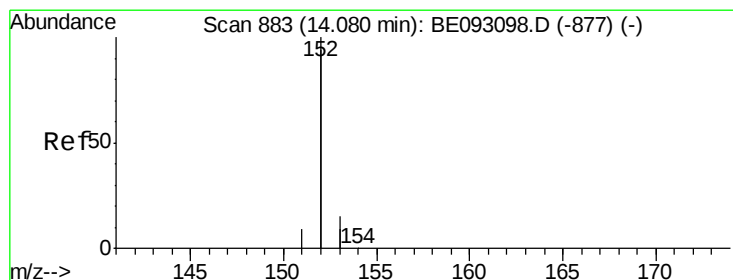
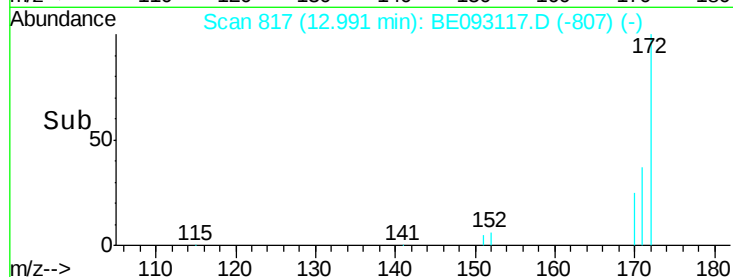
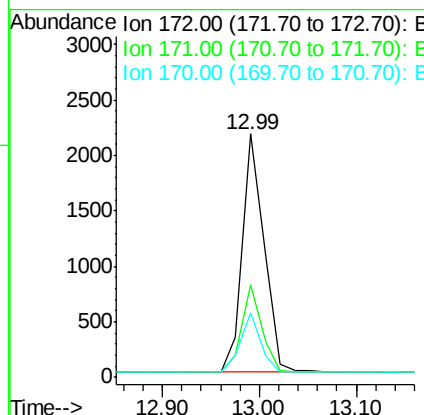
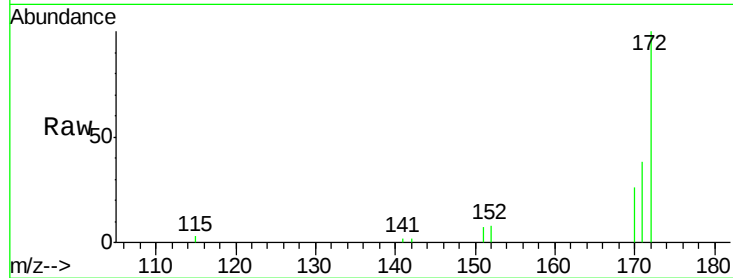
#15
2-Fluorobiphenyl
Concen: 0.552 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

Instrument :
BNA_E
ClientSampleId :
MPE-9

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	26.3	20.7	31.1

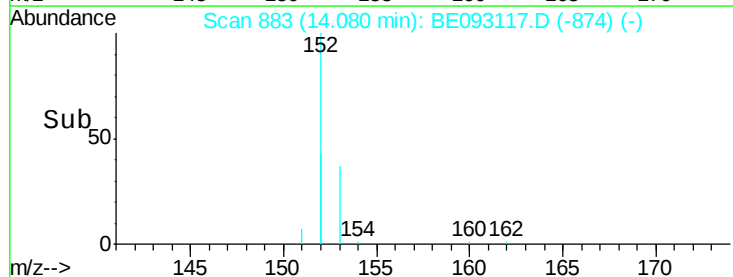
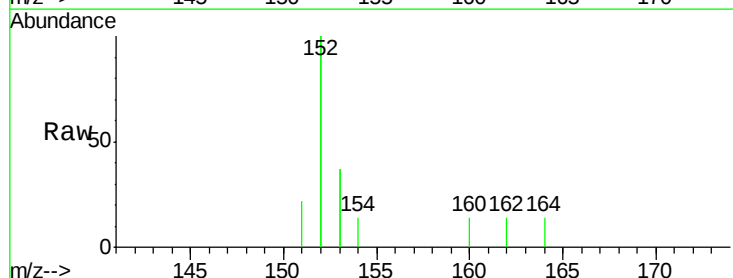
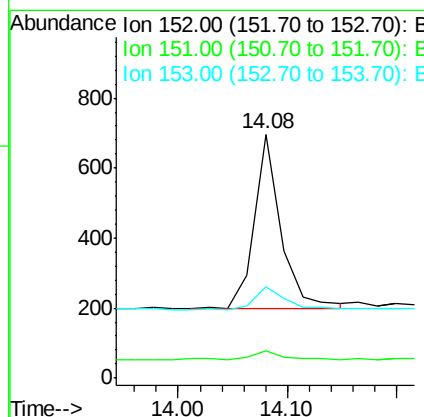
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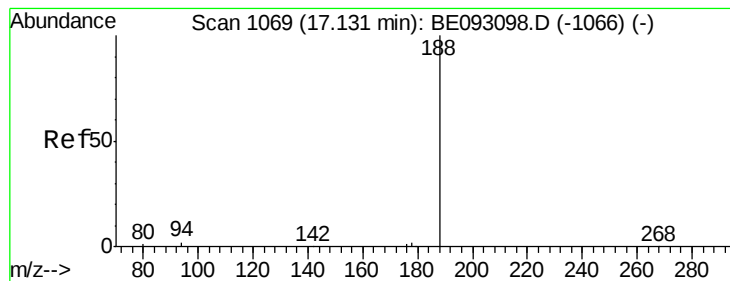
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#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.08 min Scan# 883
Delta R.T. -0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	7.6	4.0	6.0#
153	15.1	10.3	15.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BE093117.D

Acq: 13 Jun 2017 00:39

Instrument :

BNA_E

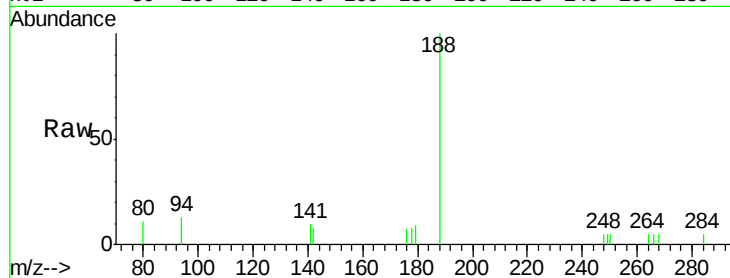
ClientSampleId :

MPE-9

Tgt Ion:	188	Resp:	2772
Ion Ratio	Lower	Upper	
188	100		
94	13.1	11.3	16.9
80	11.3	11.7	17.5#

Manual Integrations
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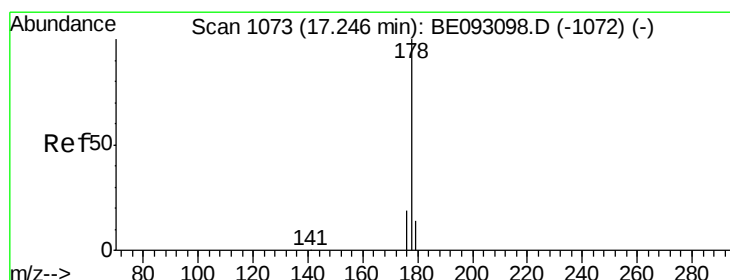
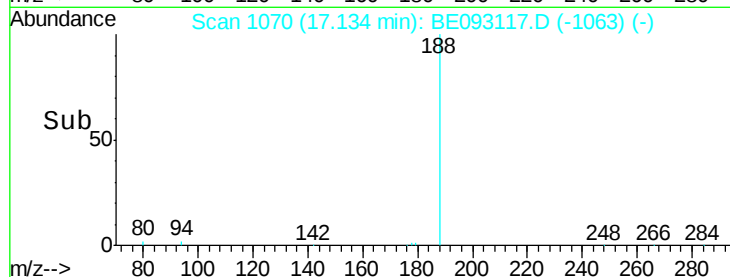
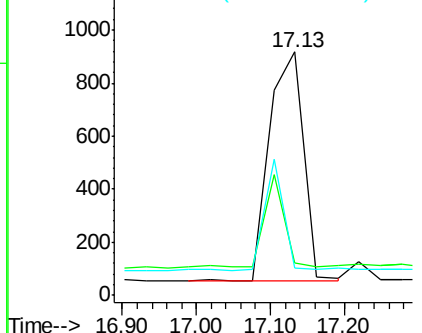
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#24

Anthracene

Concen: 0.040 ng m

RT: 17.25 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE093117.D

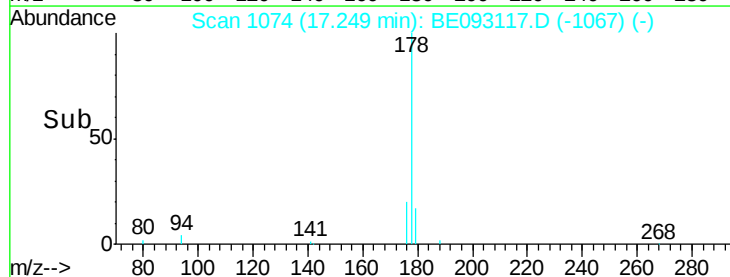
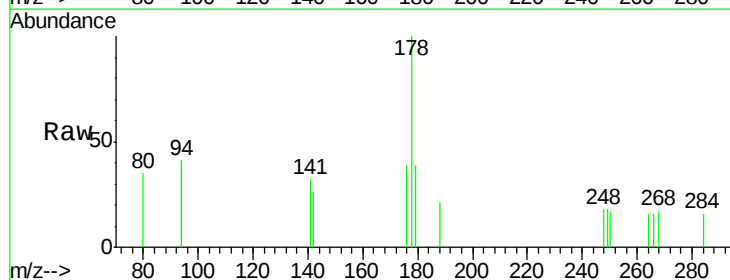
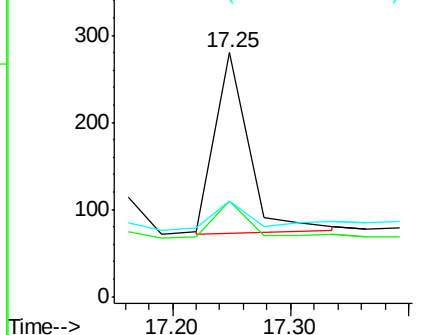
Acq: 13 Jun 2017 00:39

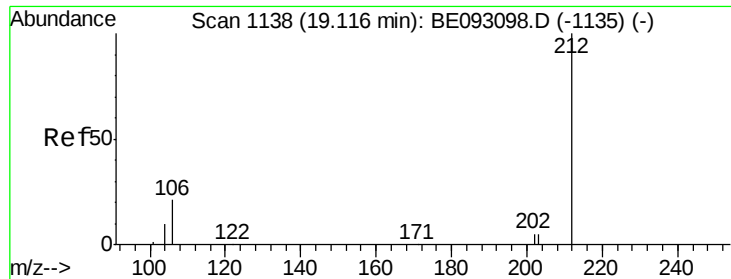
Tgt Ion:	178	Resp:	421
Ion Ratio	Lower	Upper	
178	100		
176	23.8	14.6	22.0#
179	33.7	12.0	18.0#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.514 ng

RT: 19.12 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BE093117.D

Acq: 13 Jun 2017 00:39

Instrument :

BNA_E

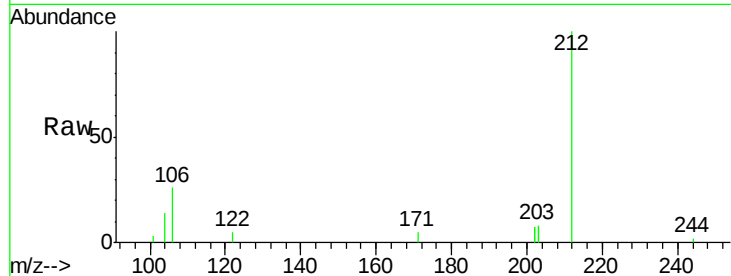
ClientSampleId :

MPE-9

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	4692		
106	17.8	0.0	0.0	0.0
104	9.5	0.0	0.0	0.0

Manual Integrations
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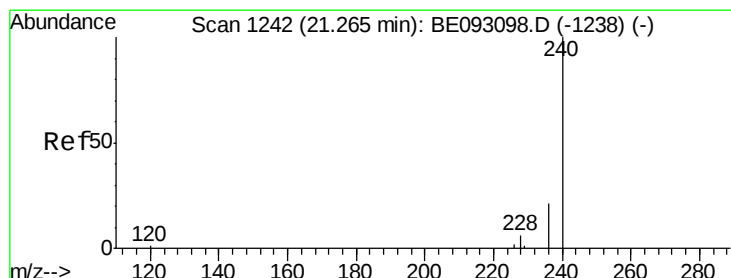
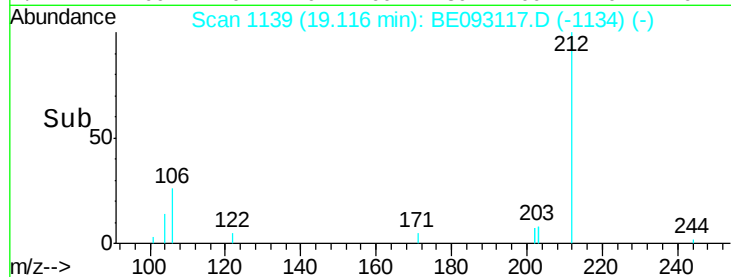
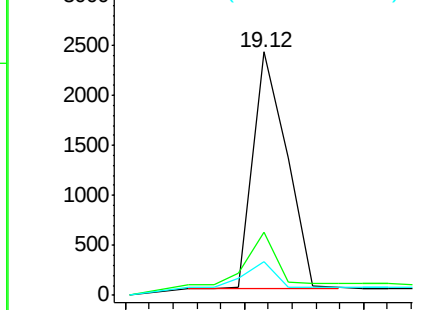
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093117.D

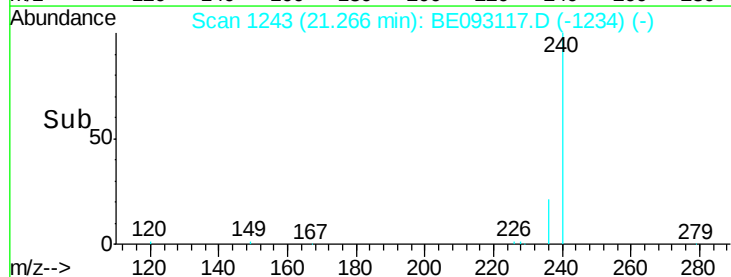
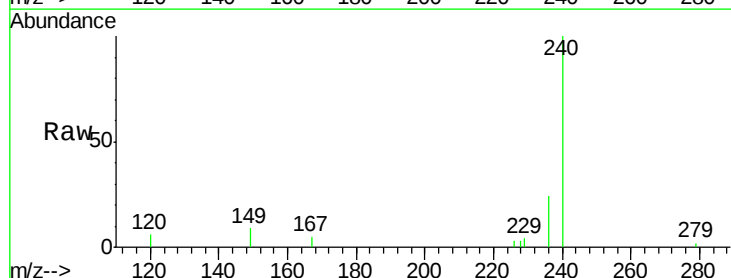
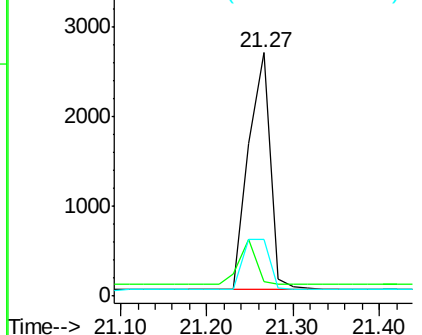
Acq: 13 Jun 2017 00:39

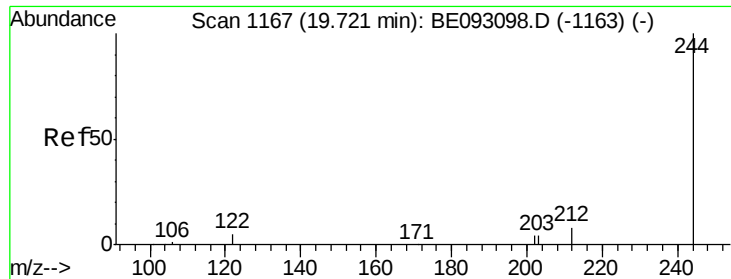
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	4650		
120	6.2	4.6	7.0	
236	23.6	20.8	31.2	

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





#29

Terphenyl-d14

Concen: 0.480 ng

RT: 19.72 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE093117.D

Acq: 13 Jun 2017 00:39

Instrument :

BNA_E

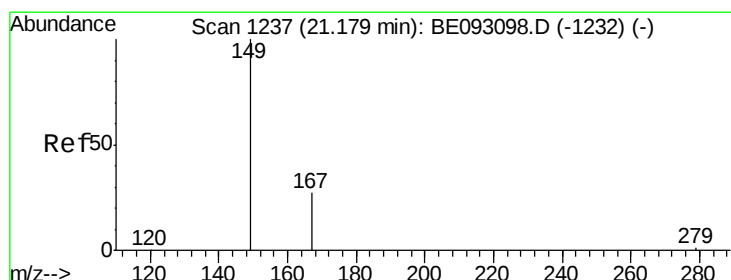
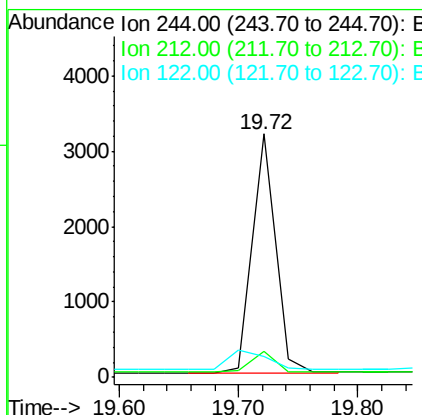
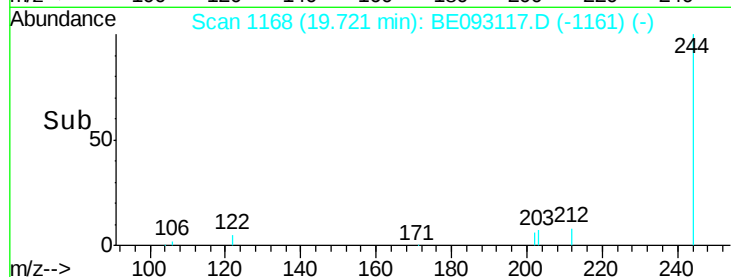
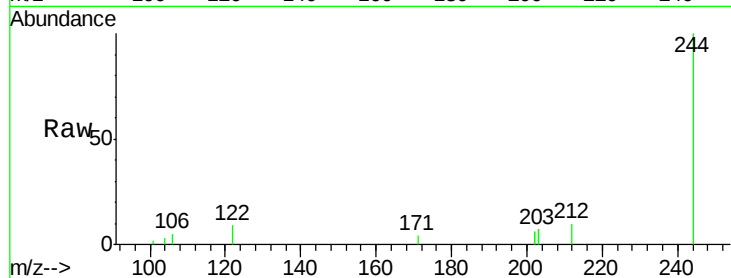
ClientSampleId :

MPE-9

Tgt Ion:	244	Resp:	4305
Ion Ratio	Lower	Upper	
244	100		
212	10.5	10.6	16.0#
122	8.7	15.4	23.0#

Manual Integrations
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mohammad
6/13/2017 3:55:57 PM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.122 ng

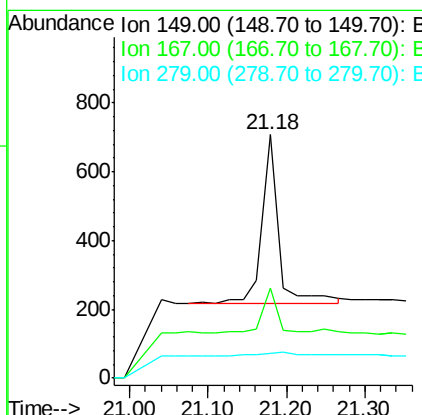
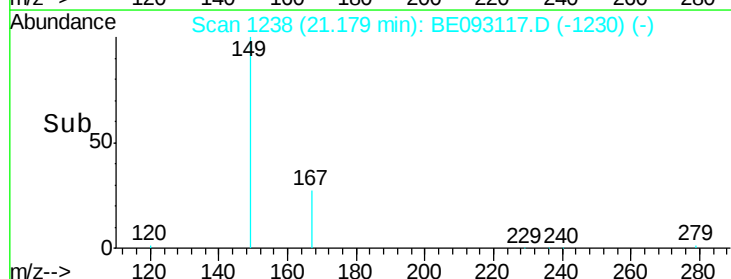
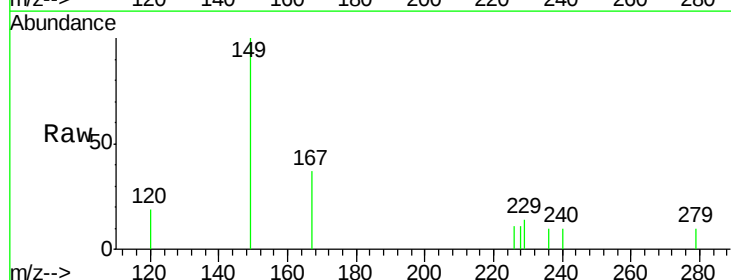
RT: 21.18 min Scan# 1238

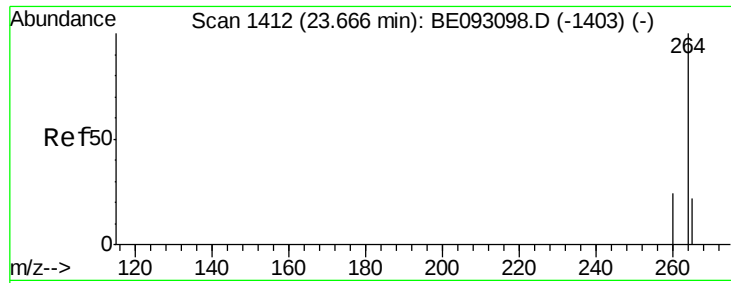
Delta R.T. 0.00 min

Lab File: BE093117.D

Acq: 13 Jun 2017 00:39

Tgt Ion:	149	Resp:	733
Ion Ratio	Lower	Upper	
149	100		
167	23.1	20.1	30.1
279	5.0	2.2	3.4#





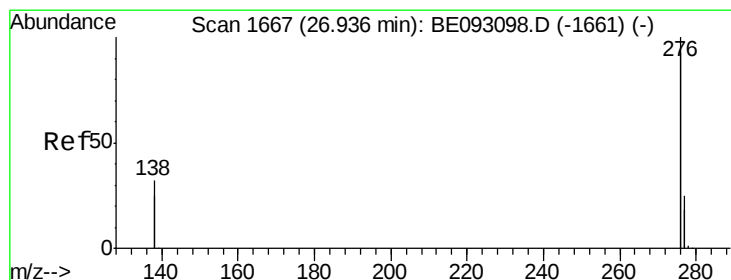
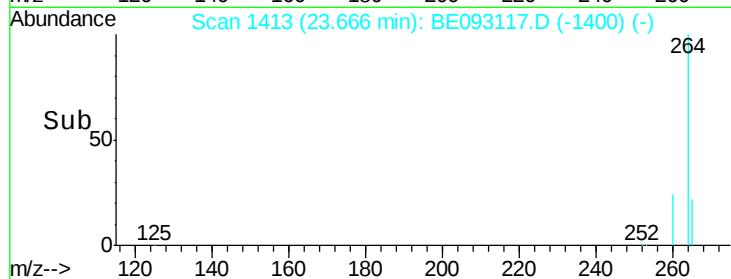
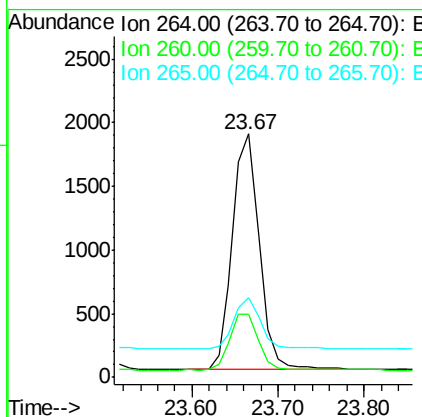
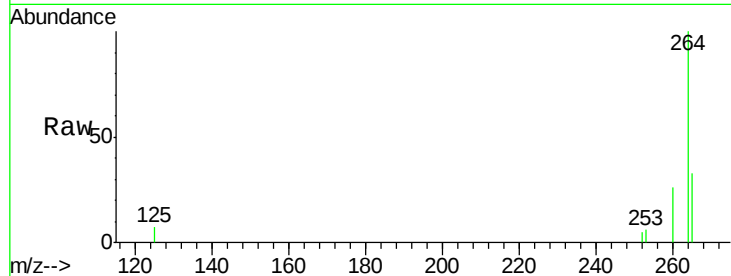
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

Instrument :
BNA_E
ClientSampleId :
MPE-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.0	31.4
265	32.9	24.6	36.8

Manual Integrations
APPROVED

mohammad
6/13/2017 3:55:57 PM



#39
Benzo(g,h,i)perylene
Concen: 0.068 ng
RT: 26.94 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE093117.D
Acq: 13 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	37.5	21.2	31.8#
138	47.4	24.5	36.7#

