

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091517\
 Data File : BE094016.D
 Acq On : 15 Sep 2017 12:51
 Operator : SJ/JU
 Sample : I5189-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-090817RE

Manual Integrations
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Quant Time: Sep 18 14:34:50 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	5592	0.80	ng	0.00
7) Naphthalene-d8	10.69	136	29798	0.80	ng	-0.02
13) Acenaphthene-d10	14.51	164	34750	0.80	ng	-0.01
19) Phenanthrene-d10	17.24	188	55398	0.80	ng	-0.03
27) Chrysene-d12	21.42	240	42638	0.80	ng	-0.01
34) Perylene-d12	23.93	264	33653	0.80	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	953	0.11	ng	-0.02
5) Phenol-d6	7.11	99	648	0.05	ng	0.00
8) Nitrobenzene-d5	9.06	82	2849	0.23	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	5402	0.23	ng	-0.02
14) 2,4,6-Tribromophenol	16.00	330	798m	0.15	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	8458	0.12	ng	-0.01
25) Fluoranthene-d10	19.27	212	53958	0.13	ng	0.00
29) Terphenyl-d14	19.86	244	11620	0.30	ng	-0.02
Target Compounds						
9) Naphthalene	10.74	128	79152	0.463	ng	# 85
12) 2-Methylnaphthalene	12.35	142	88591	3.123	ng	# 99
17) Acenaphthene	14.57	154	4125	0.070	ng	# 60
18) Fluorene	15.56	166	10137	0.134	ng	# 80
22) Pentachlorophenol	16.91	266	518	0.118	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.29	149	4540	0.029	ng	# 98

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

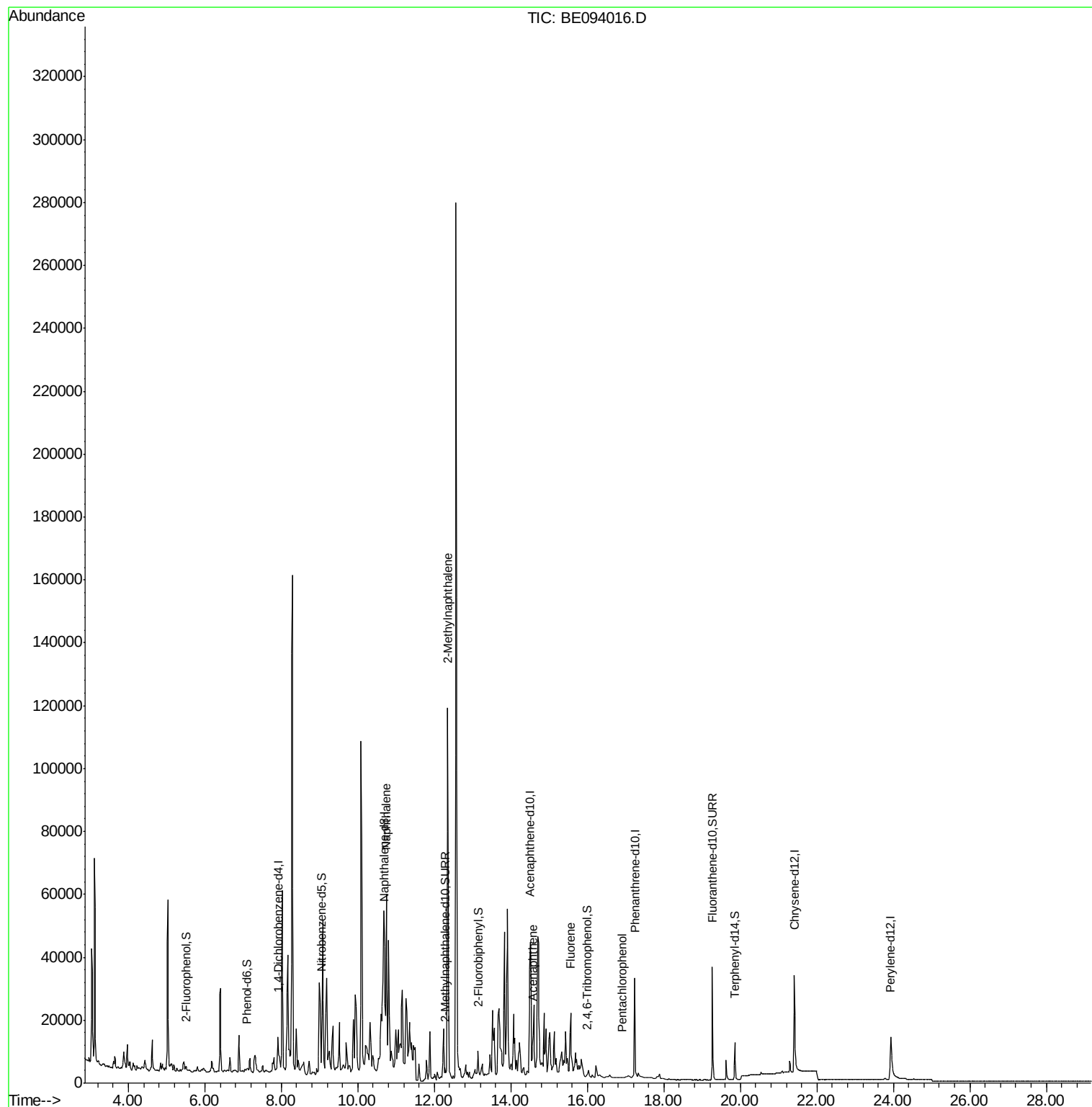
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091517\
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ALS Vial : 6 Sample Multiplier: 2

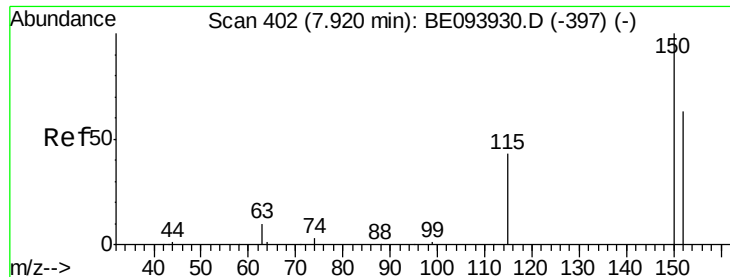
Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817RE

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Quant Time: Sep 18 14:34:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 13:34:56 2017
Response via : Initial Calibration

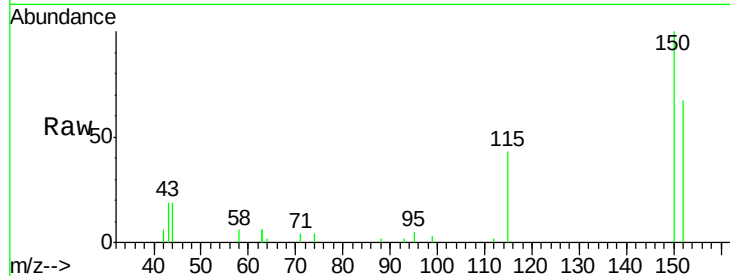




#1

1,4-Dichlorobenzene-d4
Concen: 0.800 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094016.D
Acq: 15 Sep 2017 12:51

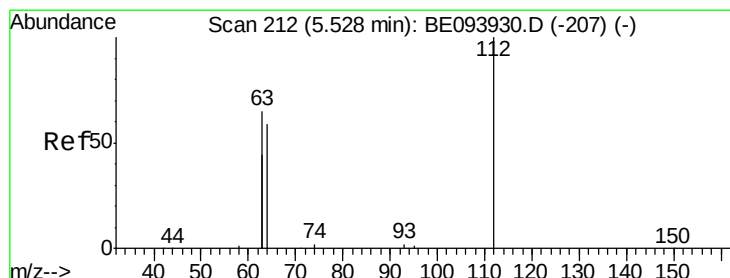
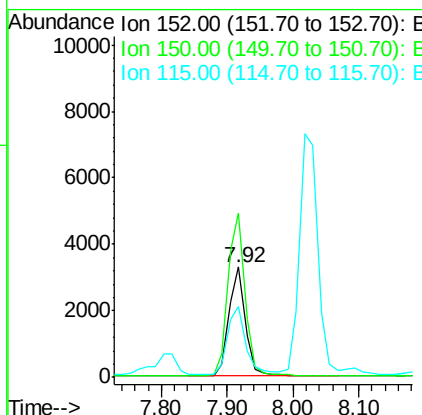
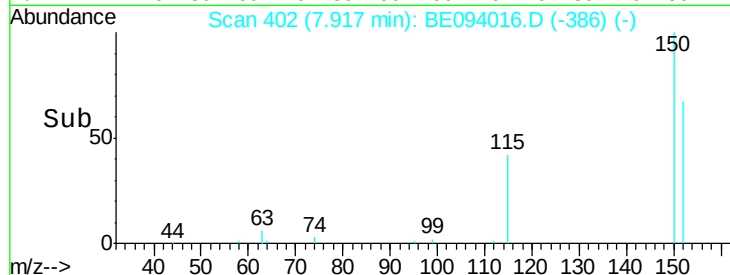
Instrument :
BNA_E
ClientSampleId :
PR-MW-02-090817RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.3	121.8	182.6
115	63.8	52.6	79.0

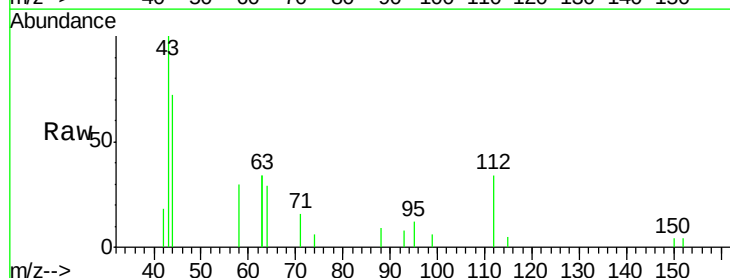
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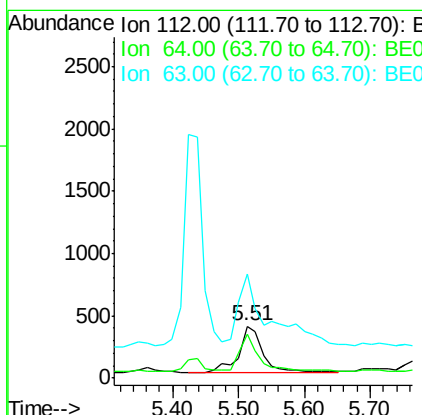
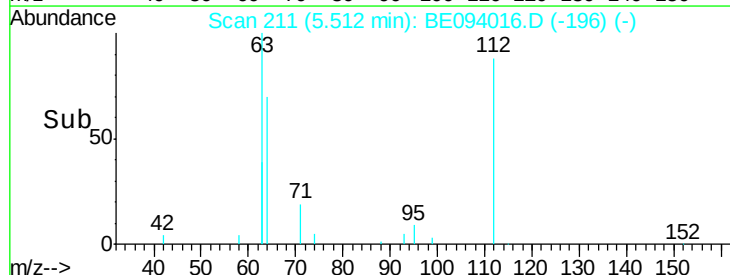


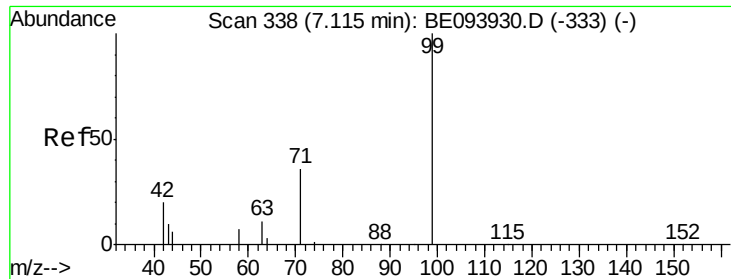
#4

2-Fluorophenol
Concen: 0.105 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.02 min
Lab File: BE094016.D
Acq: 15 Sep 2017 12:51



Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	57.7	86.5
63	191.6	116.0	174.0





#5

Phenol-d6

Concen: 0.048 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

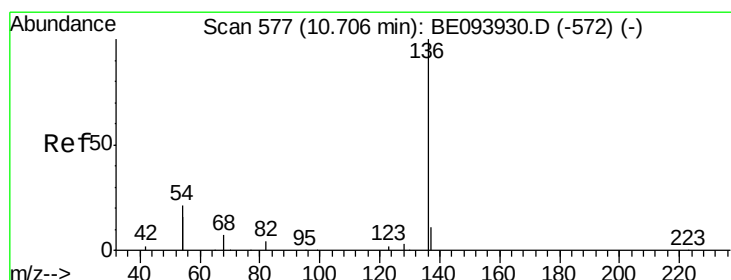
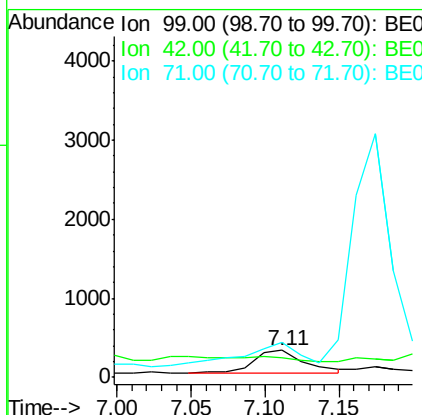
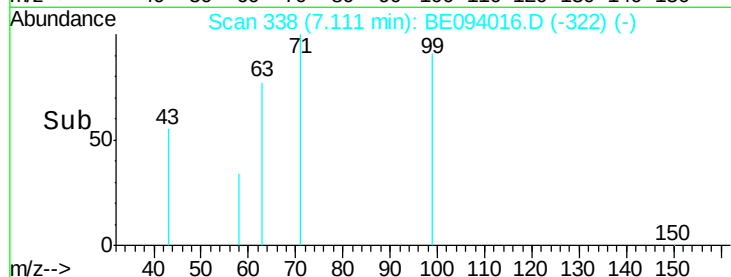
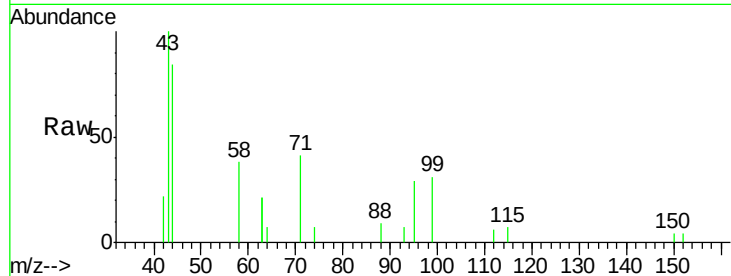
ClientSampleId :

PR-MW-02-090817RE

Tgt Ion:	99	Resp:	648
Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.1	25.7
71	130.4	26.6	39.8#

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#7

Naphthalene-d8

Concen: 0.800 ng

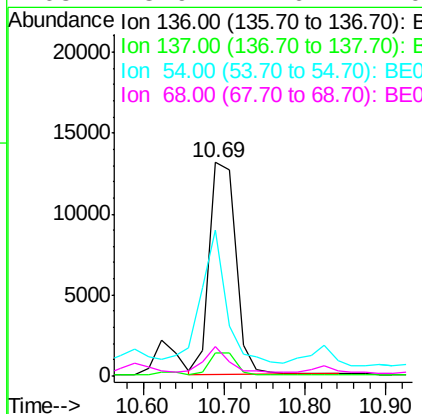
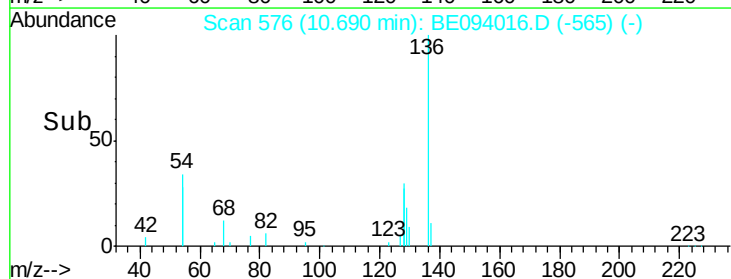
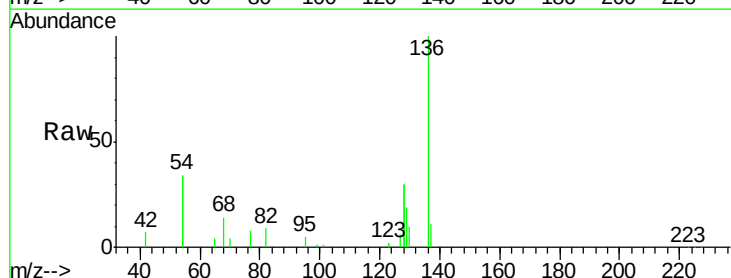
RT: 10.69 min Scan# 576

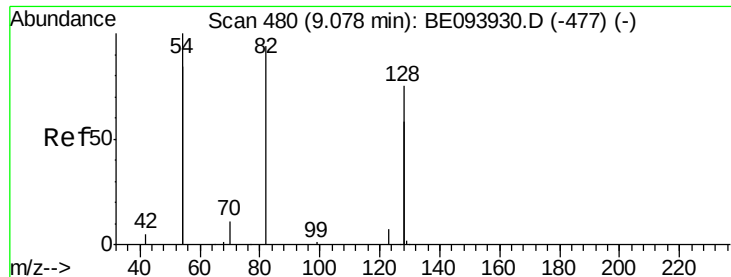
Delta R.T. -0.02 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Tgt Ion:	136	Resp:	29798
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	68.3	21.9	32.9#
68	13.9	4.6	7.0#





#8

Nitrobenzene-d5

Concen: 0.226 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

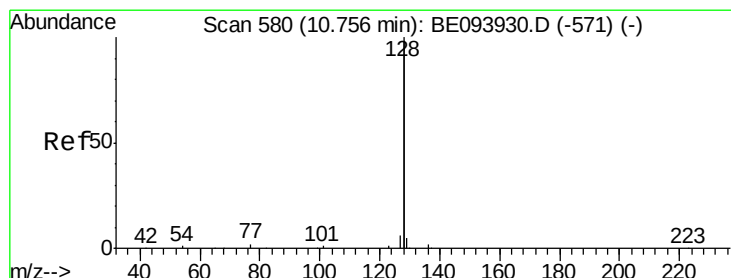
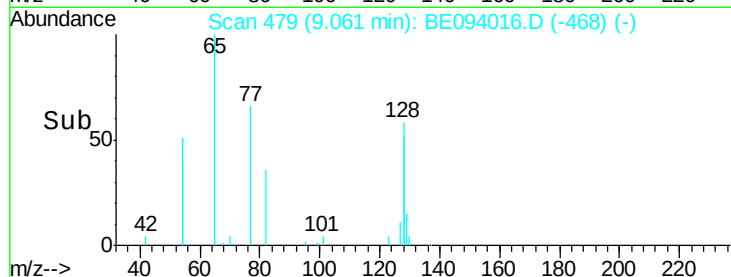
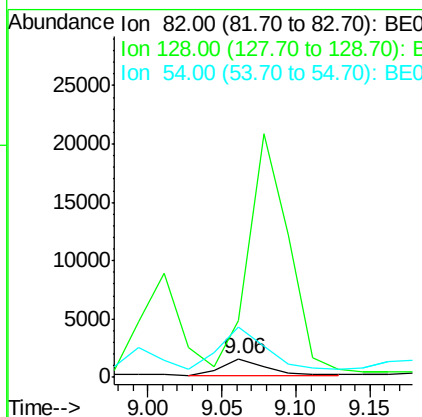
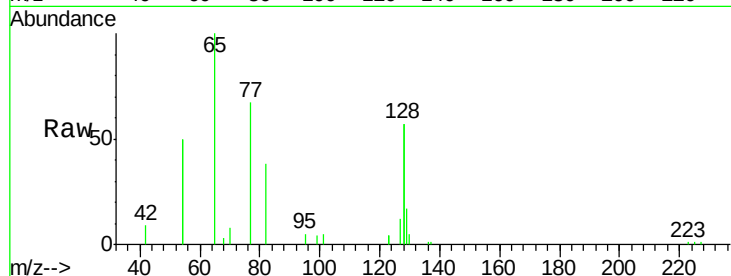
ClientSampleId :

PR-MW-02-090817RE

Tgt Ion:	82	Resp:	2849
Ion Ratio	Lower	Upper	
82	100		
128	303.2	91.4	137.0#
54	266.9	197.8	296.8

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#9

Naphthalene

Concen: 0.463 ng

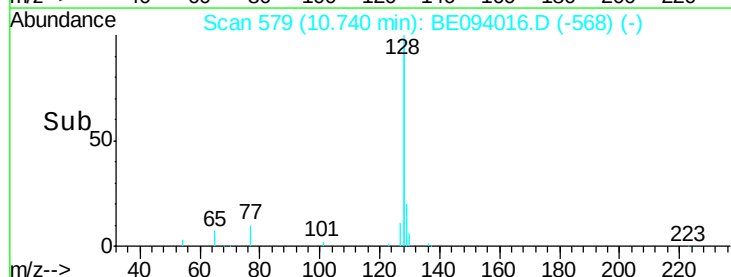
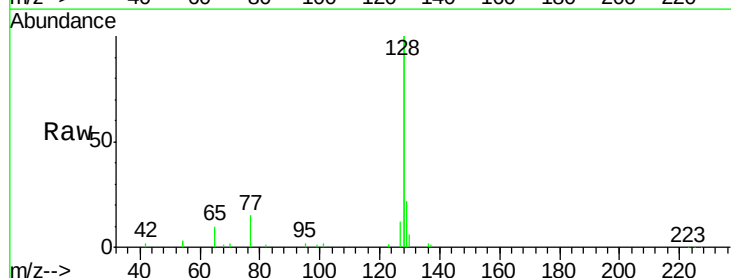
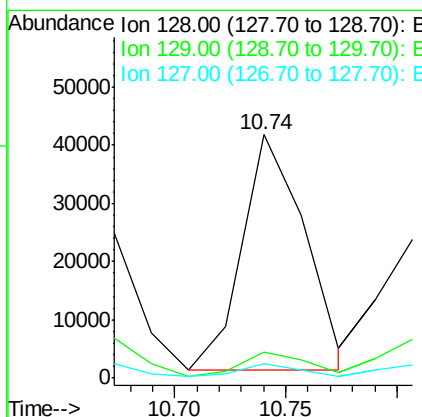
RT: 10.74 min Scan# 579

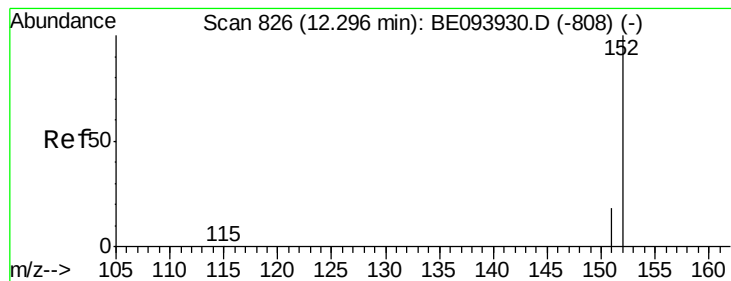
Delta R.T. -0.02 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Tgt Ion:	128	Resp:	79152
Ion Ratio	Lower	Upper	
128	100		
129	10.9	2.5	3.7#
127	5.8	2.6	4.0#





#11

2-Methylnaphthalene-d10

Concen: 0.227 ng

RT: 12.28 min Scan# 822

Delta R.T. -0.02 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-090817RE

Tgt Ion:152 Resp: 5402

Ion Ratio Lower Upper

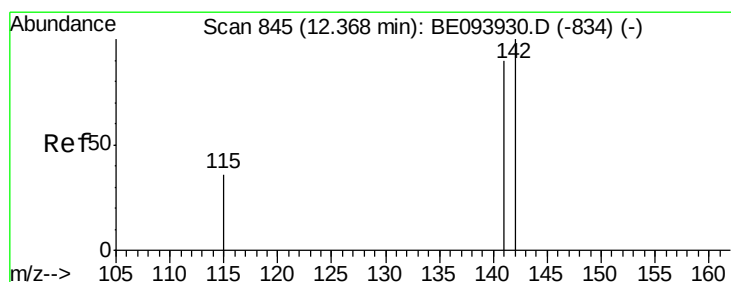
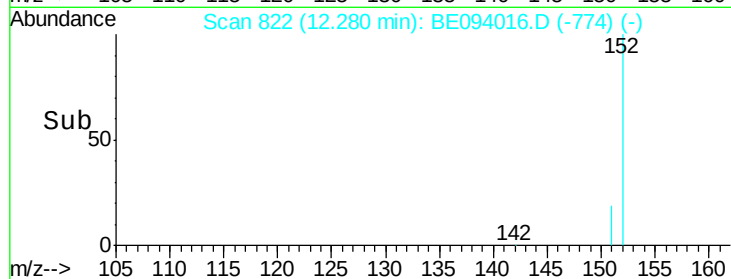
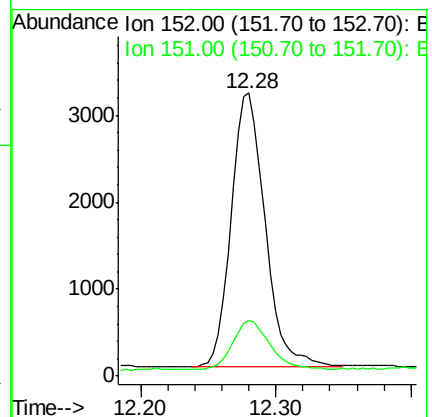
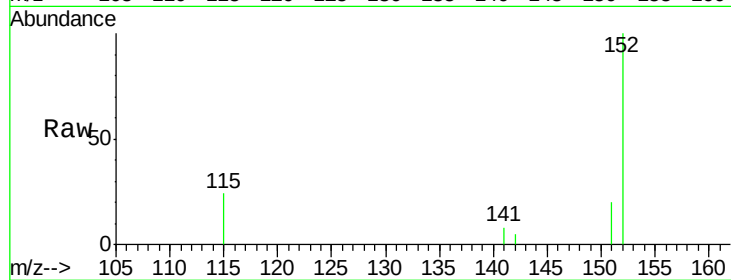
152 100

151 19.8 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 3.123 ng

RT: 12.35 min Scan# 841

Delta R.T. -0.02 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

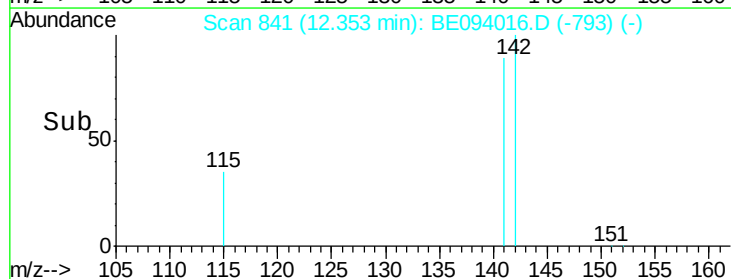
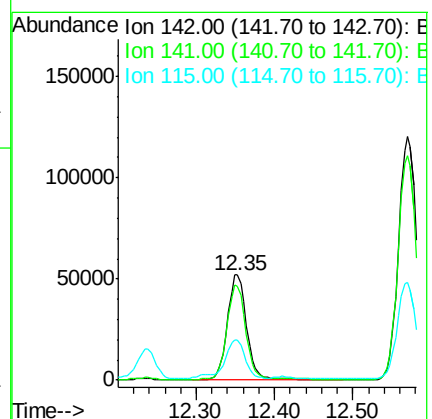
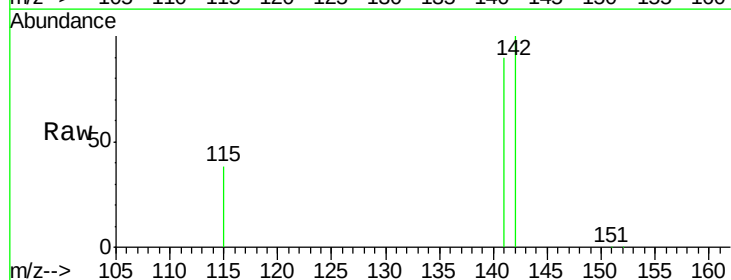
Tgt Ion:142 Resp: 88591

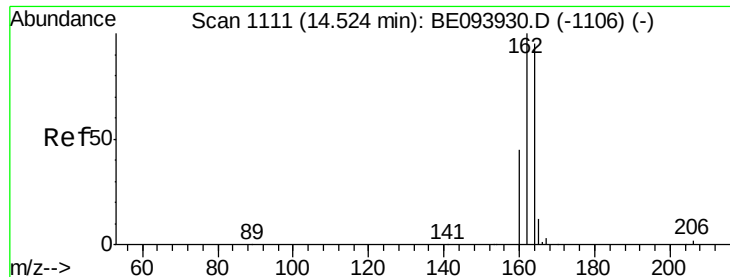
Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

115 38.0 29.4 44.0





#13

Acenaphthene-d10

Concen: 0.800 ng

RT: 14.51 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

ClientSampleId :

PR-MW-02-090817RE

Tgt Ion:164 Resp: 34750
Ion Ratio Lower Upper

164 100

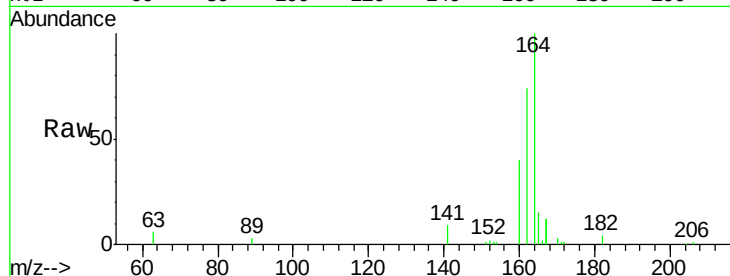
162 74.3 80.8 121.2#

160 40.4 37.0 55.4

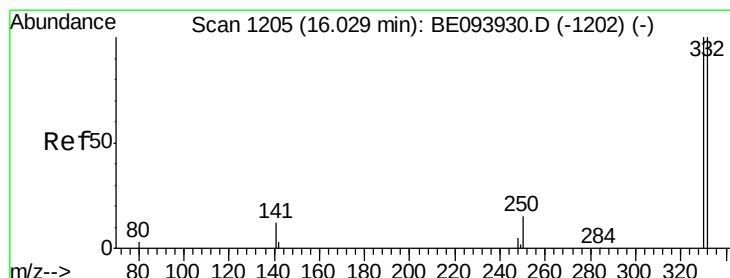
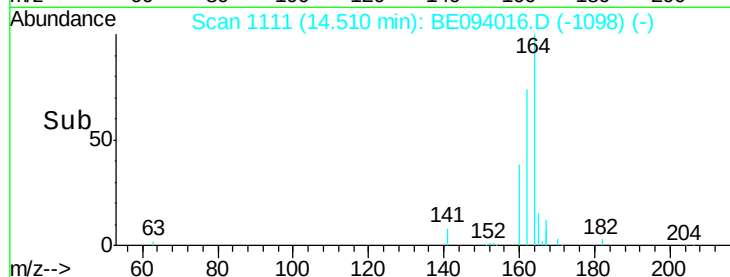
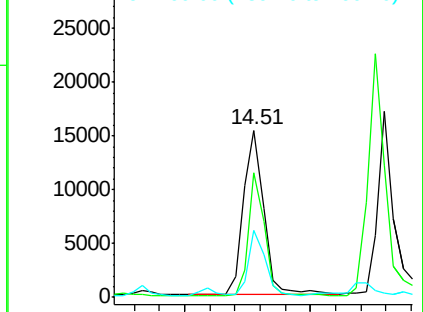
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.148 ng m

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE094016.D

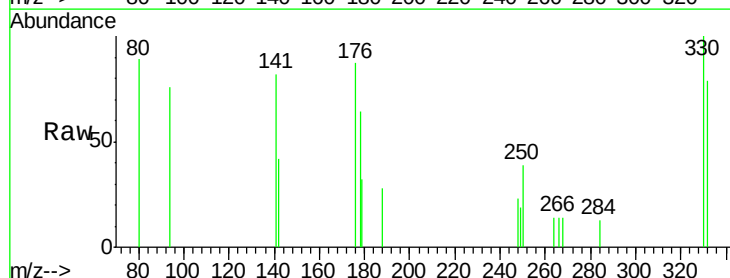
Acq: 15 Sep 2017 12:51

Tgt Ion:330 Resp: 798
Ion Ratio Lower Upper

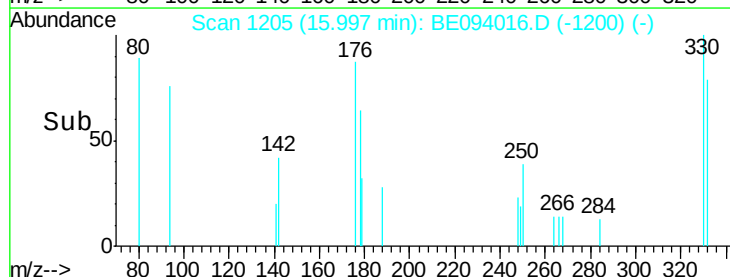
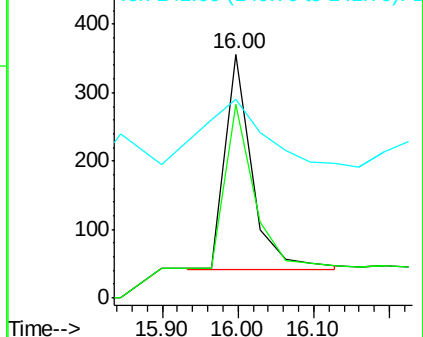
330 100

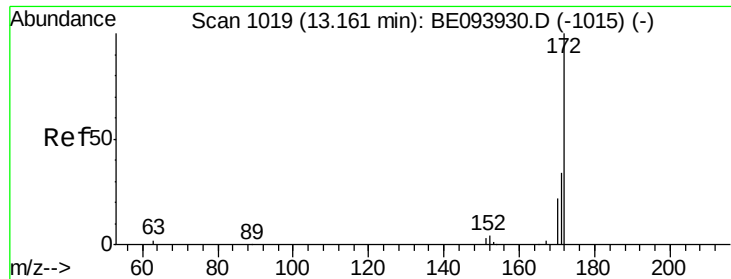
332 191.5 76.9 115.3#

141 72.3 0.0 0.0#



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





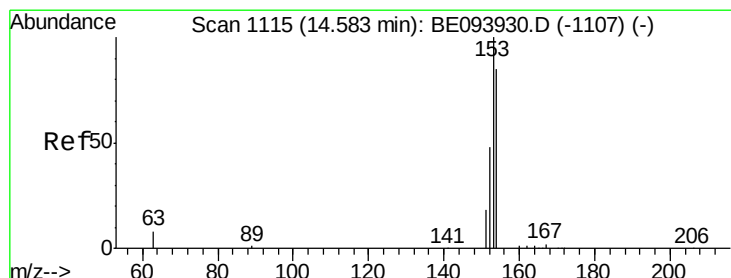
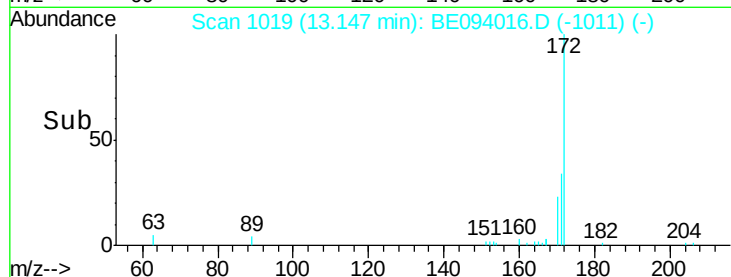
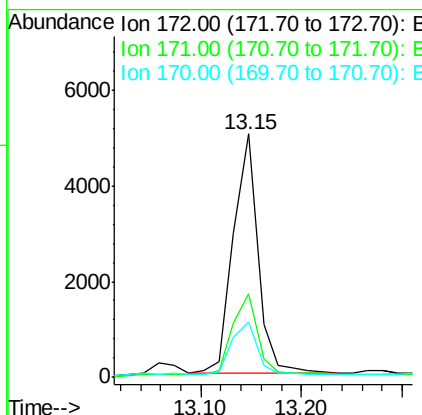
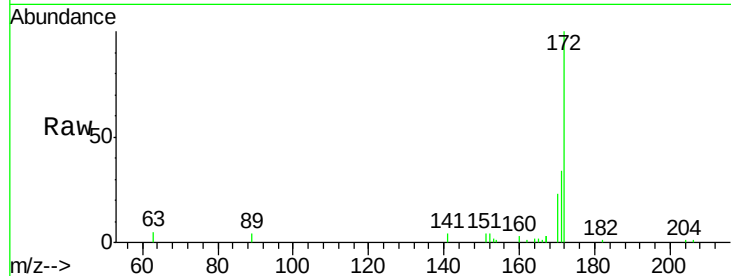
#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE094016.D
Acq: 15 Sep 2017 12:51

Instrument :
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ClientSampleId :
PR-MW-02-090817RE

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.9	40.3
170	22.7	17.3	25.9

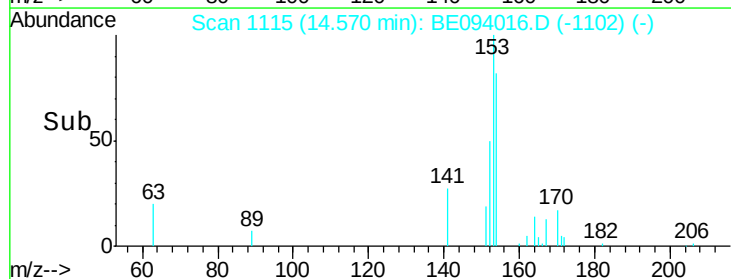
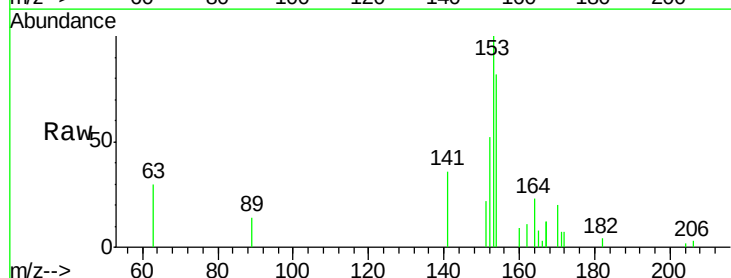
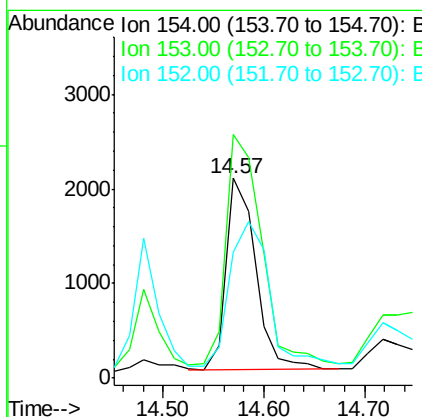
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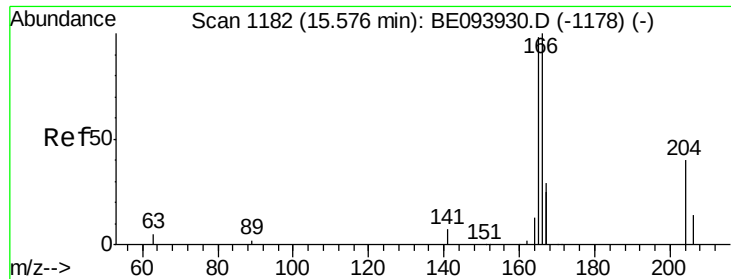
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#17
Acenaphthene
Concen: 0.070 ng
RT: 14.57 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BE094016.D
Acq: 15 Sep 2017 12:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	146.1	91.8	137.6#
152	101.3	44.9	67.3#





#18

Fluorene

Concen: 0.134 ng

RT: 15.56 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

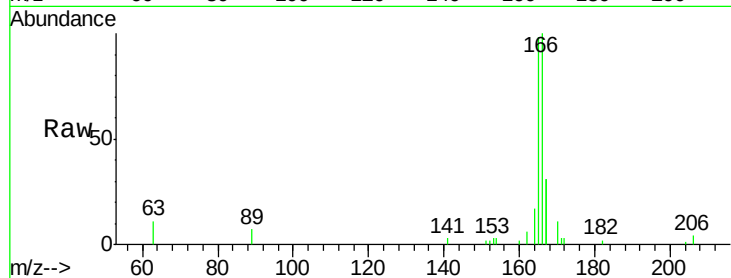
ClientSampleId :

PR-MW-02-090817RE

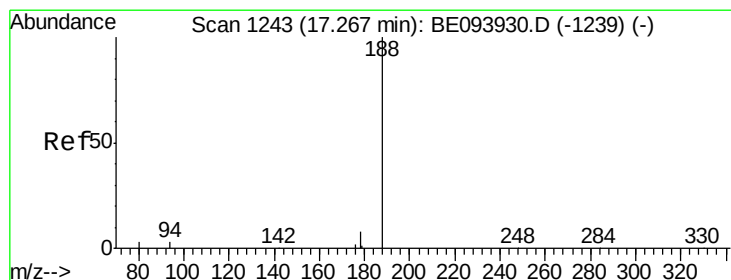
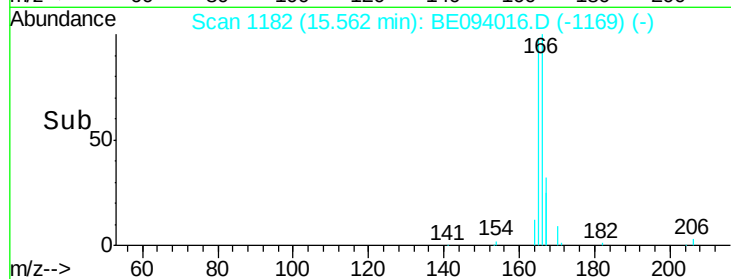
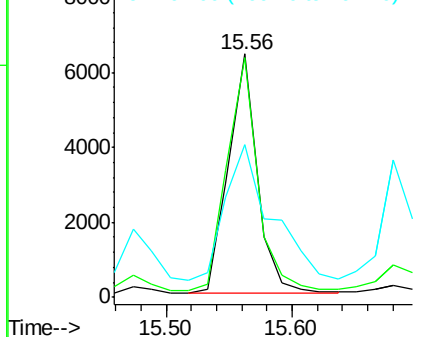
Tgt Ion:	166	Resp:	10137
Ion Ratio	Lower	Upper	
166	100		
165	101.3	79.4	119.0
167	91.4	43.5	65.3

Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.800 ng

RT: 17.24 min Scan# 1243

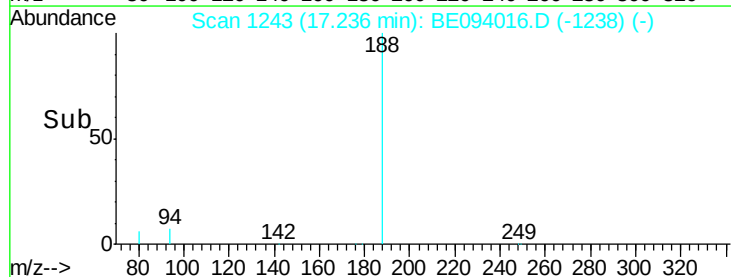
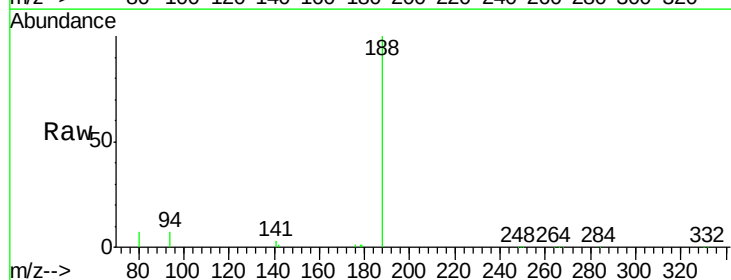
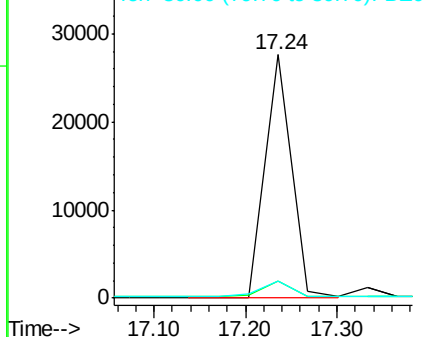
Delta R.T. -0.03 min

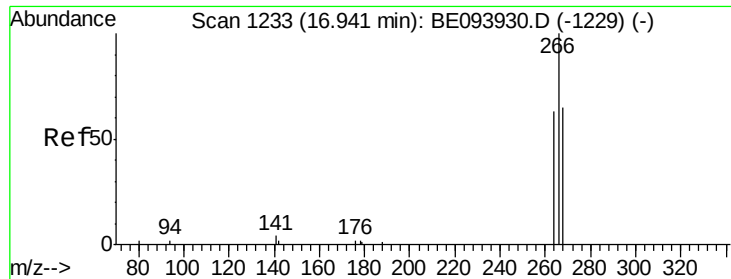
Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Tgt Ion:	188	Resp:	55398
Ion Ratio	Lower	Upper	
188	100		
94	7.1	16.1	24.1
80	6.8	18.2	27.2

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





#22

Pentachlorophenol

Concen: 0.118 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE094016.D

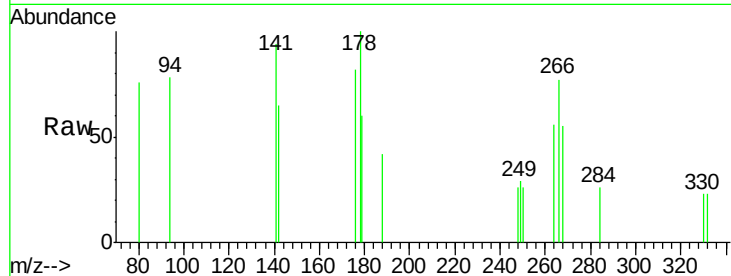
Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

ClientSampleId :

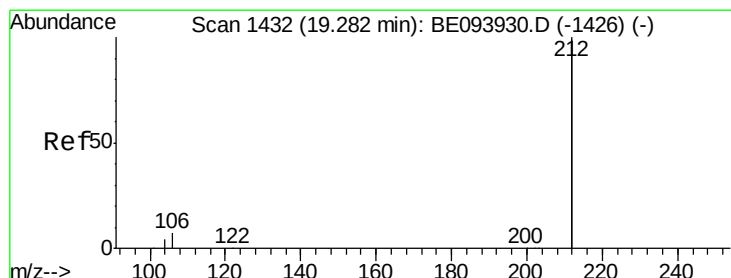
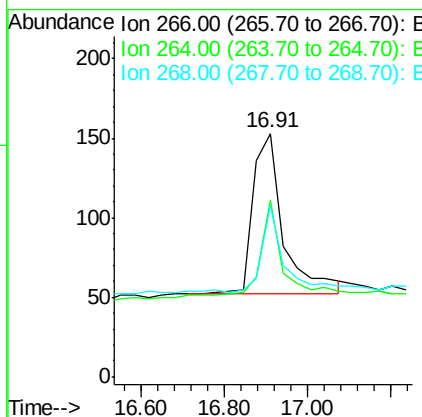
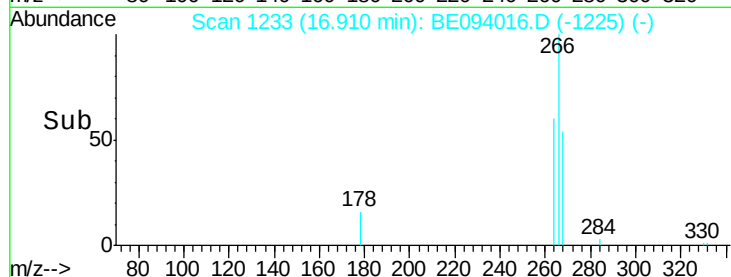
PR-MW-02-090817RE



Tgt Ion:	266	Resp:	518
Ion Ratio	Lower	Upper	
266	100		
264	72.5	53.5	80.3
268	70.6	60.0	90.0

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#25

Fluoranthene-d10

Concen: 0.131 ng

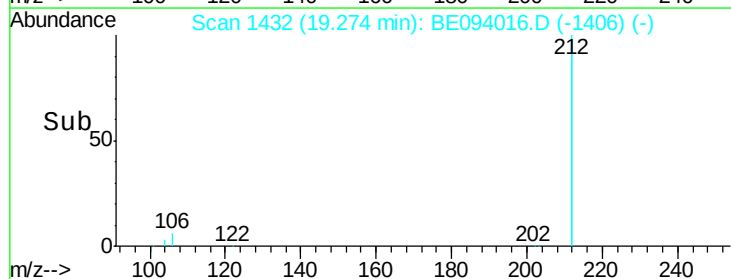
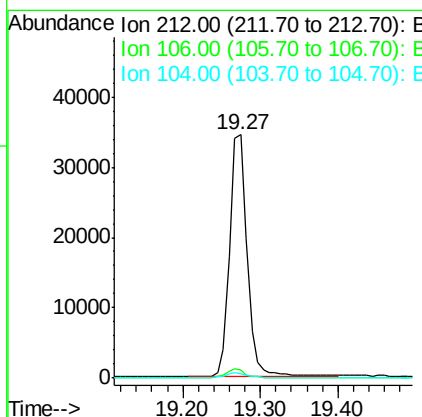
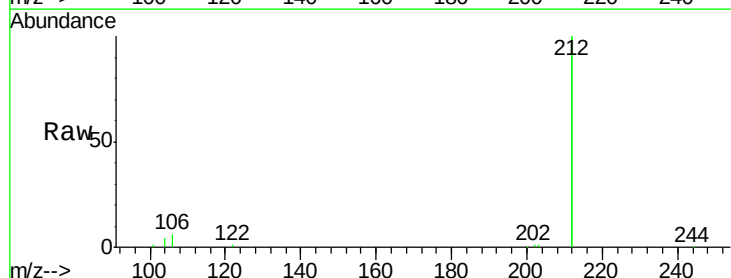
RT: 19.27 min Scan# 1432

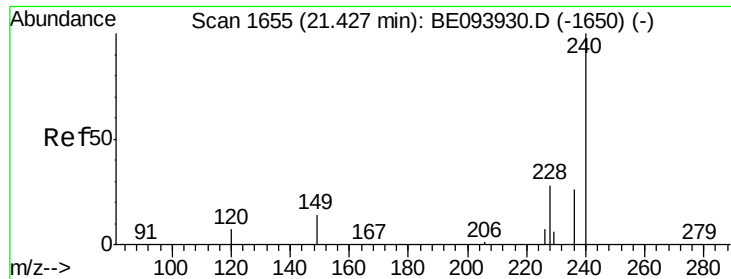
Delta R.T. -0.01 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Tgt Ion:	212	Resp:	53958
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.7	4.1
104	2.0	1.6	2.4





#27

Chrysene-d12

Concen: 0.800 ng

RT: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

Instrument :

BNA_E

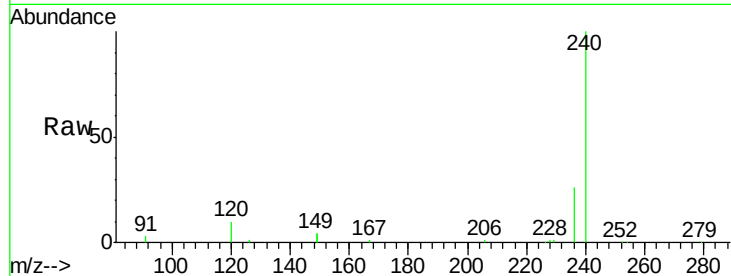
ClientSampleId :

PR-MW-02-090817RE

Tgt Ion:	240	Resp:	42638
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.7	13.1
236	26.3	21.3	31.9

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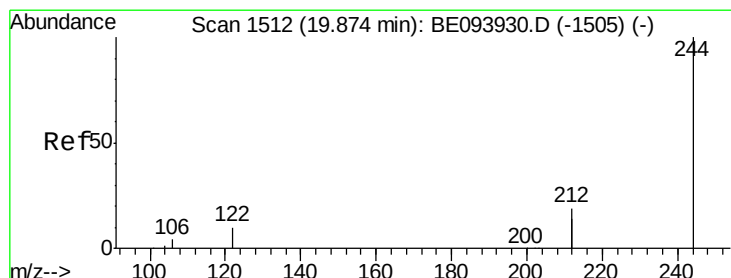
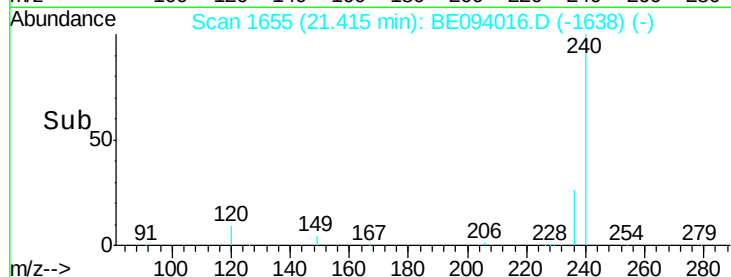
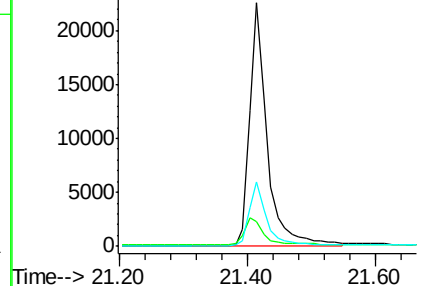
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.296 ng

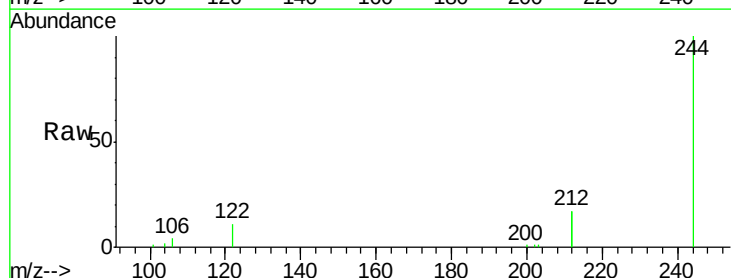
RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE094016.D

Acq: 15 Sep 2017 12:51

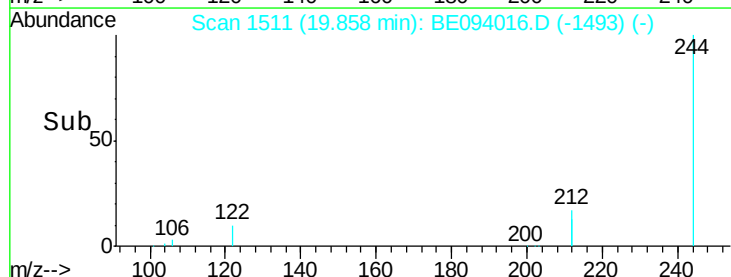
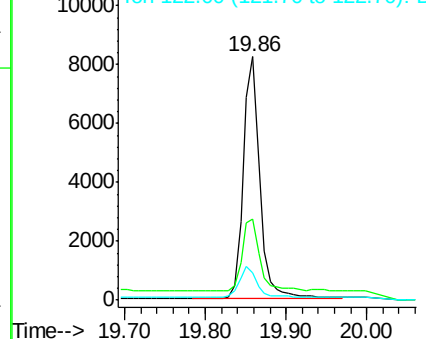
Tgt Ion:	244	Resp:	11620
Ion Ratio	Lower	Upper	
244	100		
212	33.2	28.3	42.5
122	11.1	9.4	14.0

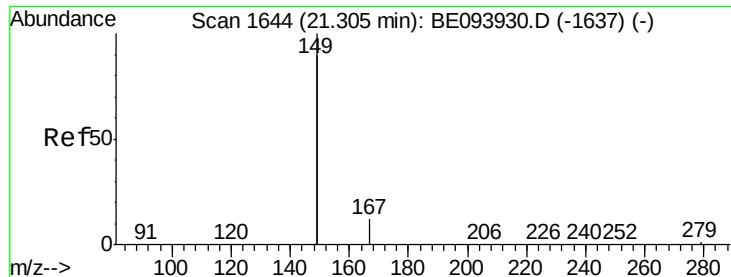


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





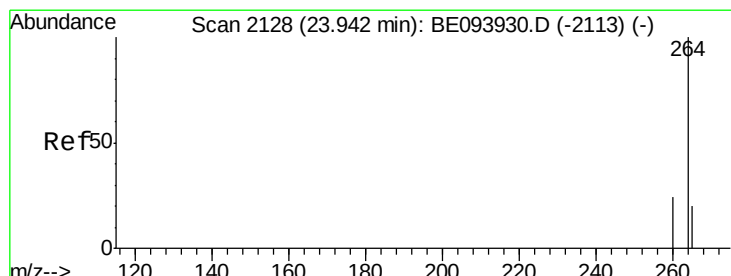
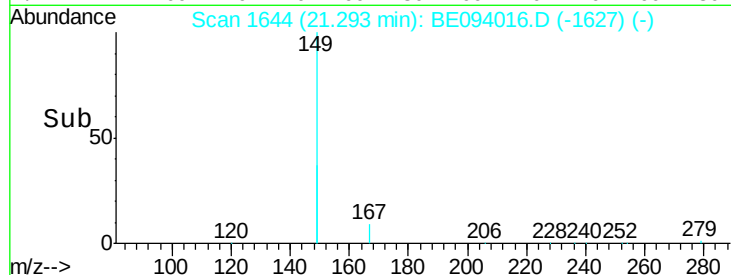
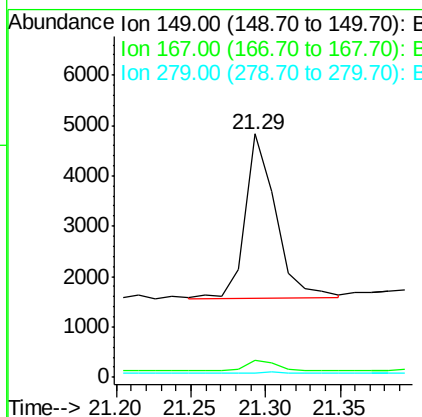
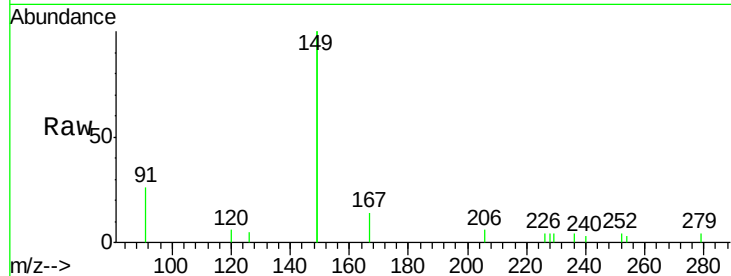
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.029 ng
 RT: 21.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE094016.D
 Acq: 15 Sep 2017 12:51

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-02-090817RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	7.2	5.4	8.0
279	1.3	0.7	1.1

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.800 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE094016.D
 Acq: 15 Sep 2017 12:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.4	20.0	30.0
265	26.4	24.0	36.0

