

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
 Data File : BE093439.D
 Acq On : 7 Jul 2017 12:38
 Operator : SJ/JU
 Sample : I4009-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-20BR-20170629

Manual Integrations
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mohammad
 7/10/2017 11:45:32 AM

Quant Time: Jul 10 10:35:32 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	4072	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20995	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13283	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	31621	0.40	ng	0.00
27) Chrysene-d12	21.43	240	35988	0.40	ng	0.00
34) Perylene-d12	23.93	264	30740	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2142	0.17	ng	0.00
5) Phenol-d6	7.10	99	1924	0.11	ng	0.00
8) Nitrobenzene-d5	9.08	82	5462	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	11453	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1187	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	31372	0.61	ng	0.00
25) Fluoranthene-d10	19.29	212	141953	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	34351	0.53	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	12594	0.057	ng	Qvalue # 75
12) 2-Methylnaphthalene	12.38	142	1835	0.050	ng	96
18) Fluorene	15.58	166	1341	0.024	ng	# 84
20) 4-Bromophenyl-phenylether	16.45	248	479m	0.028	ng	
21) Hexachlorobenzene	16.58	284	473	0.025	ng	# 100
22) Pentachlorophenol	16.91	266	246	0.051	ng	# 84
23) Phenanthrene	17.30	178	2748	0.024	ng	96
24) Anthracene	17.40	178	1479m	0.021	ng	

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

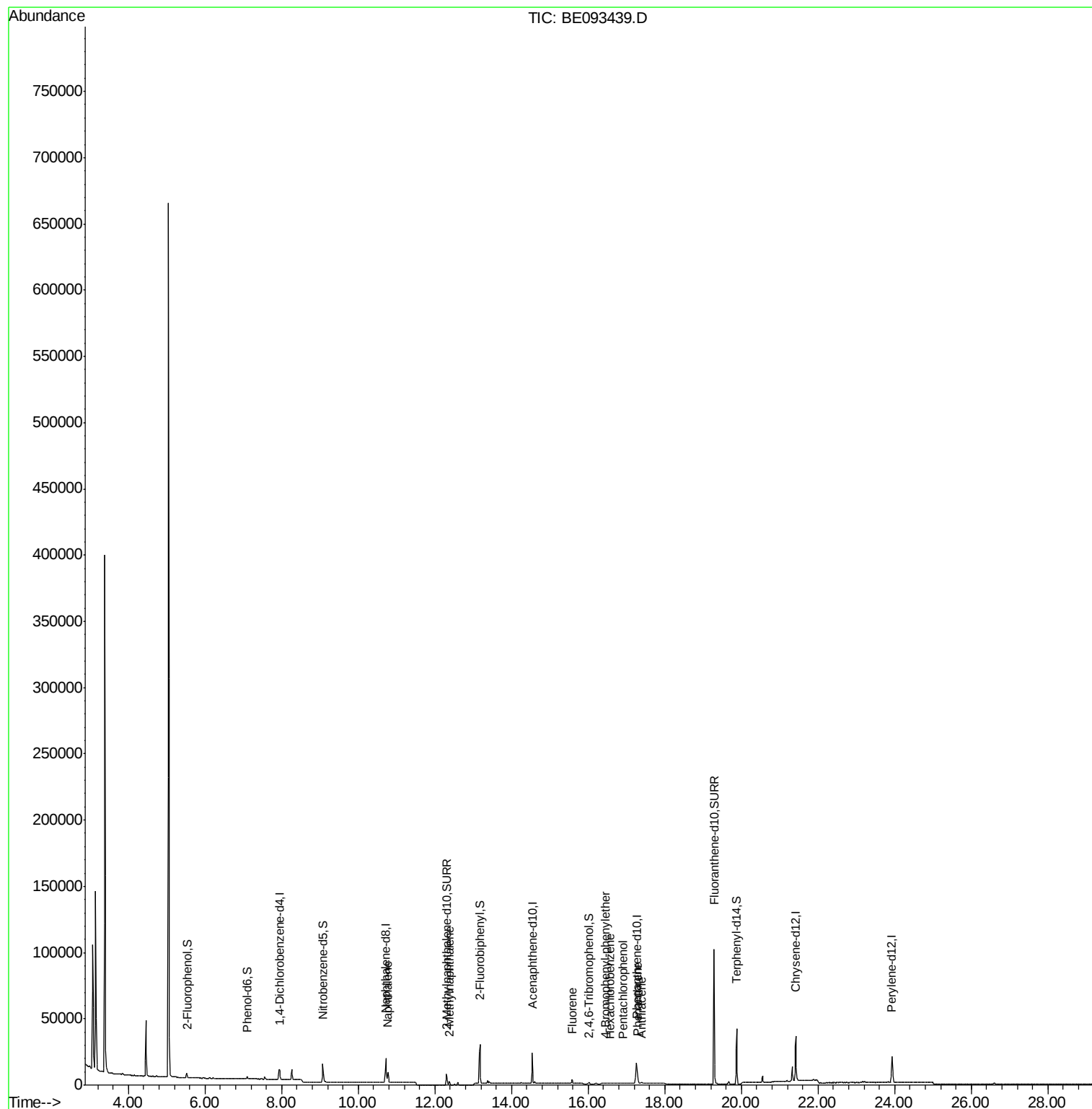
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070717\
Data File : BE093439.D
Acq On : 7 Jul 2017 12:38
Operator : SJ/JU
Sample : I4009-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

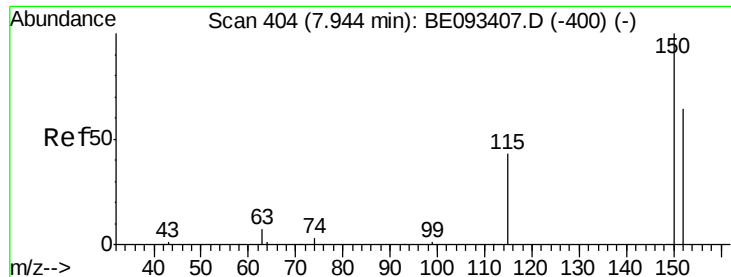
Instrument :
BNA_E
ClientSampleId :
MW-20BR-20170629

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Quant Time: Jul 10 10:35:32 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

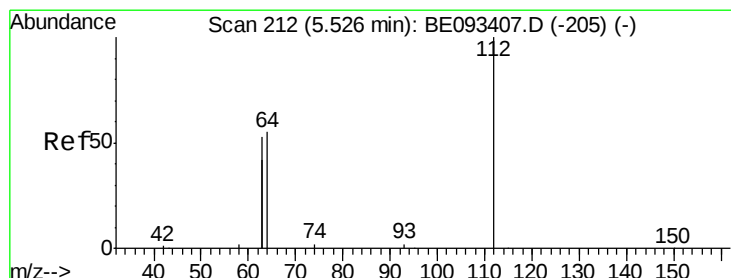
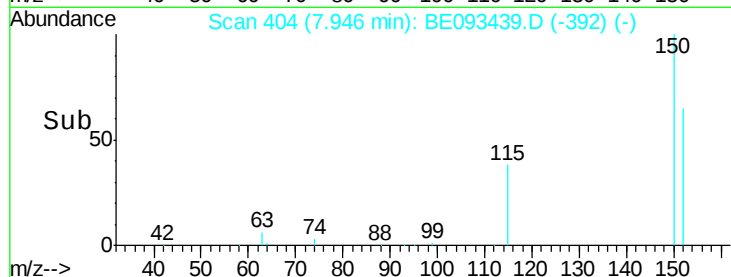
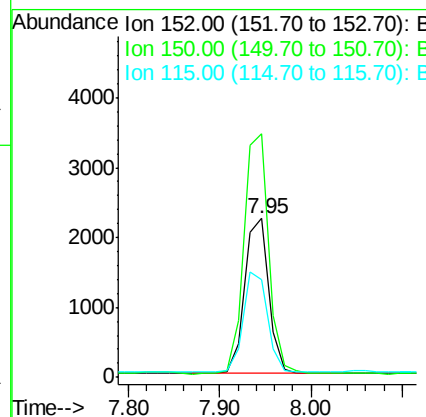
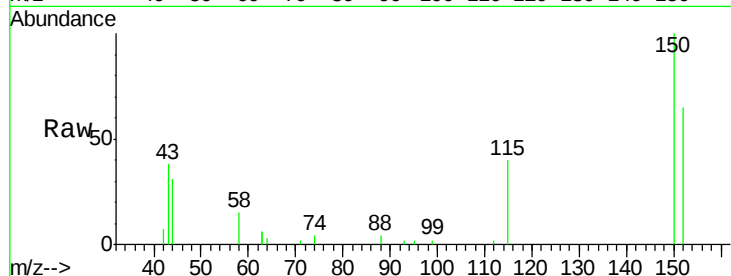
ClientSampleId :

MW-20BR-20170629

Tgt Ion:	152	Resp:	4072
Ion Ratio	Lower	Upper	
152	100		
150	153.1	125.1	187.7
115	61.6	55.7	83.5

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#4

2-Fluorophenol

Concen: 0.174 ng

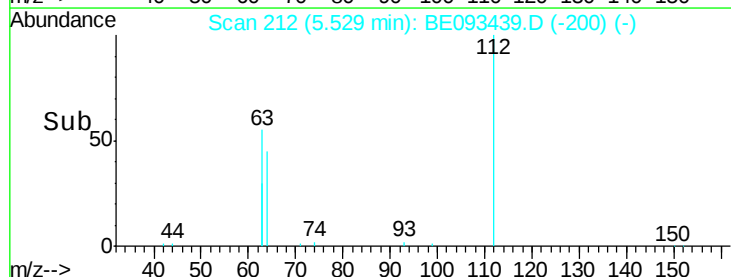
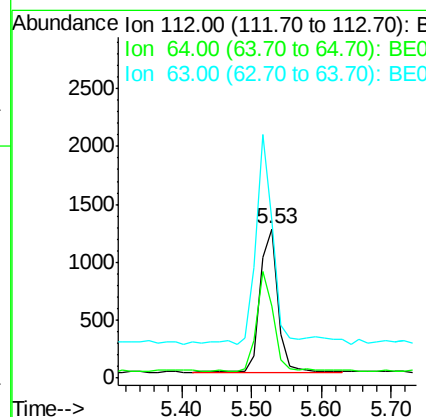
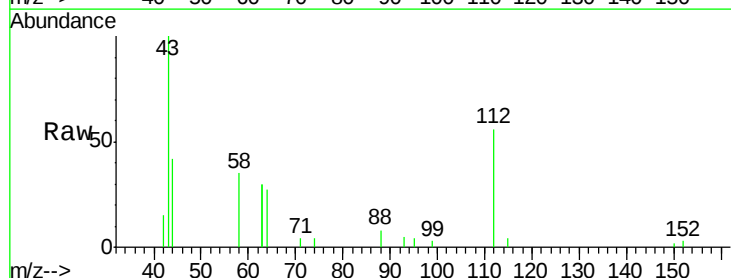
RT: 5.53 min Scan# 212

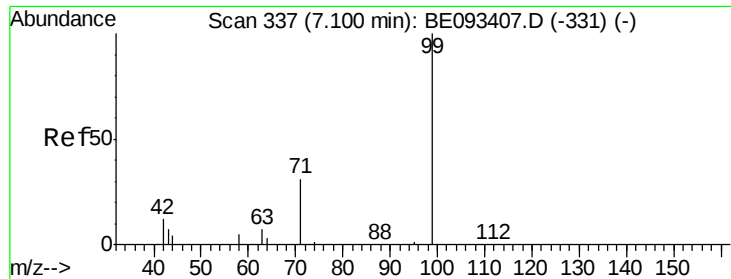
Delta R.T. 0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Tgt Ion:	112	Resp:	2142
Ion Ratio	Lower	Upper	
112	100		
64	67.2	56.4	84.6
63	139.9	29.3	43.9#





#5

Phenol-d6

Concen: 0.106 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

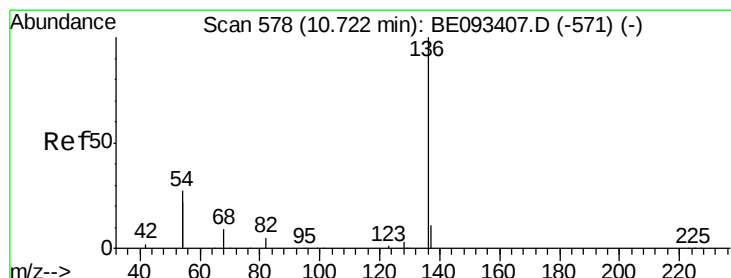
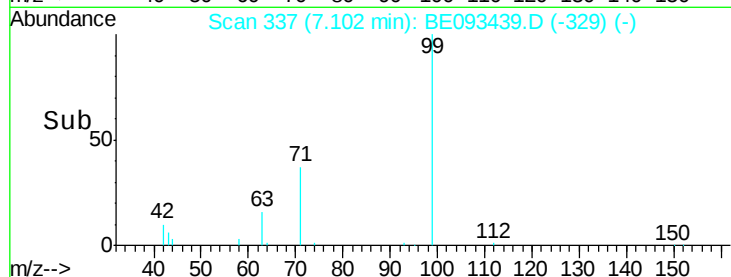
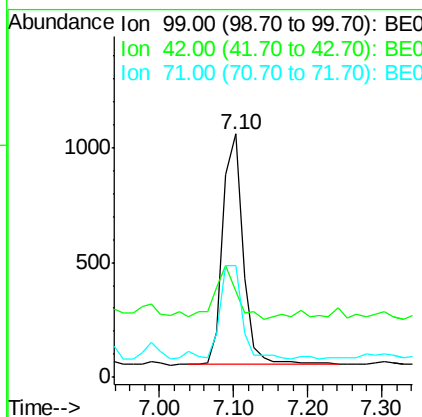
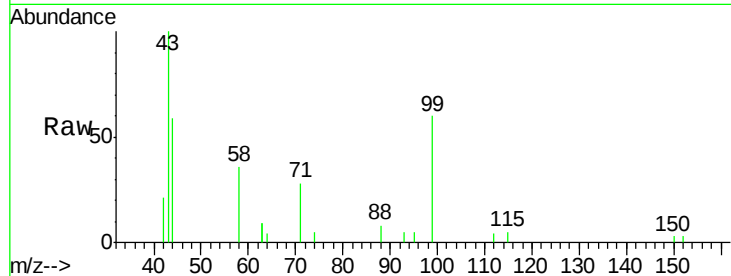
ClientSampleId :

MW-20BR-20170629

Tgt Ion:	99	Resp:	1924
Ion Ratio	Lower	Upper	
99	100		
42	22.1	0.0	0.0#
71	43.8	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.400 ng

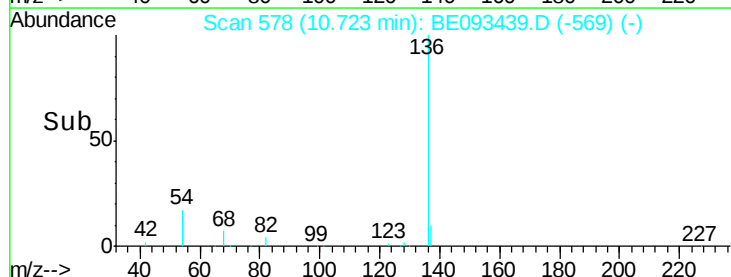
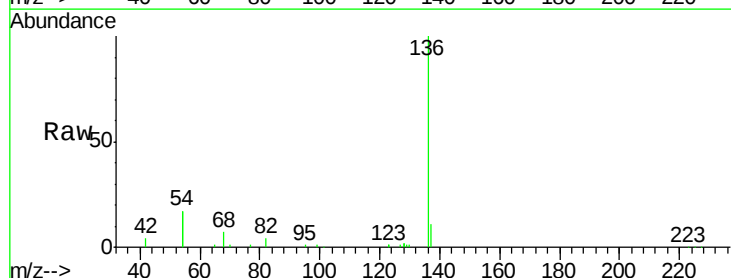
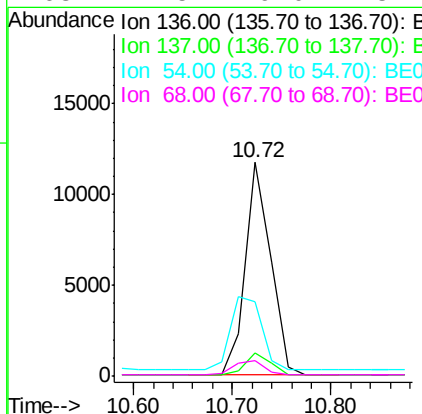
RT: 10.72 min Scan# 578

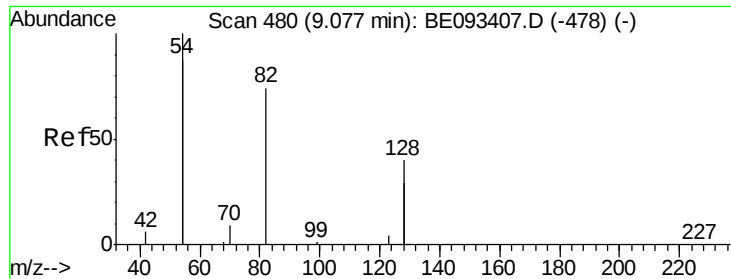
Delta R.T. 0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Tgt Ion:	136	Resp:	20995
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.8	14.8
54	34.8	10.3	15.5#
68	7.5	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 0.407 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

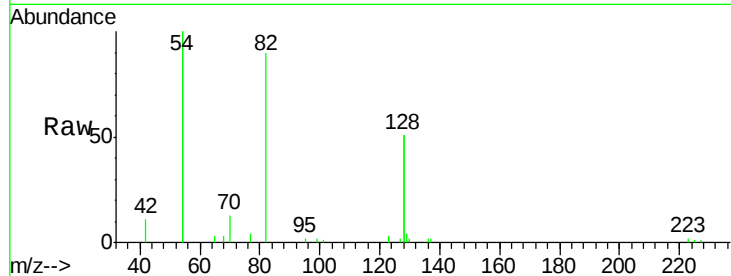
ClientSampleId :

MW-20BR-20170629

Tgt Ion:	82	Resp:	5462
Ion Ratio	Lower	Upper	
82	100		
128	114.5	17.0	25.4#
54	223.0	53.8	80.6#

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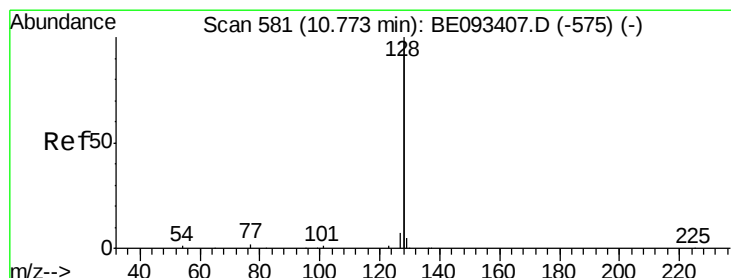
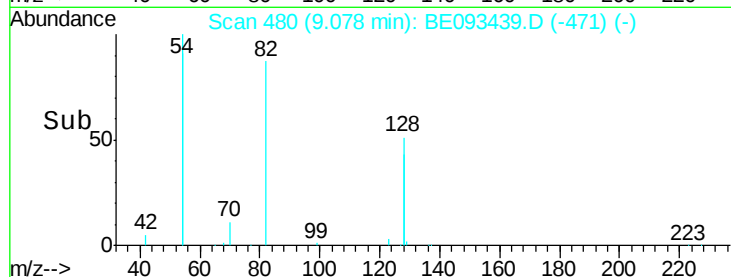
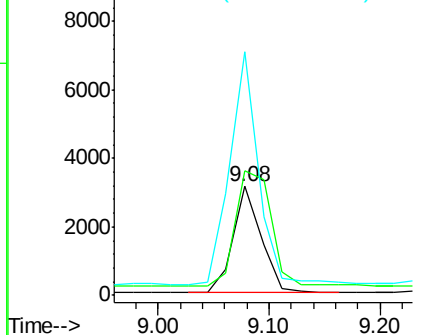
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Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)



#9

Naphthalene

Concen: 0.057 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093439.D

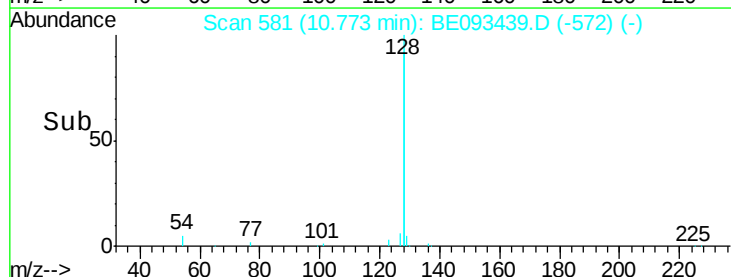
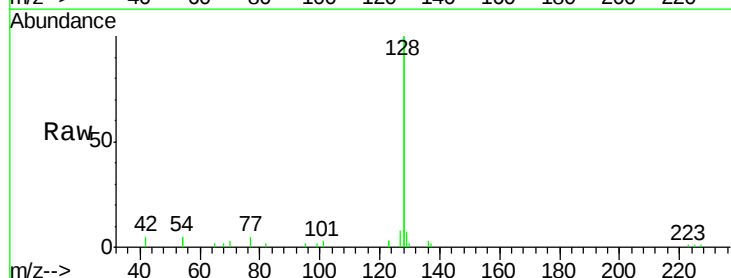
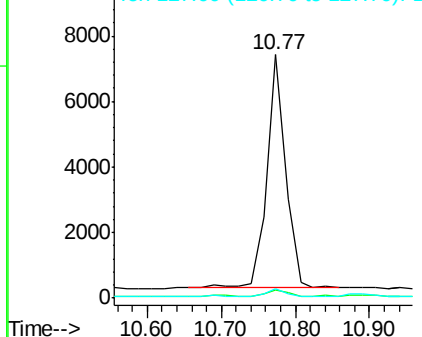
Acq: 7 Jul 2017 12:38

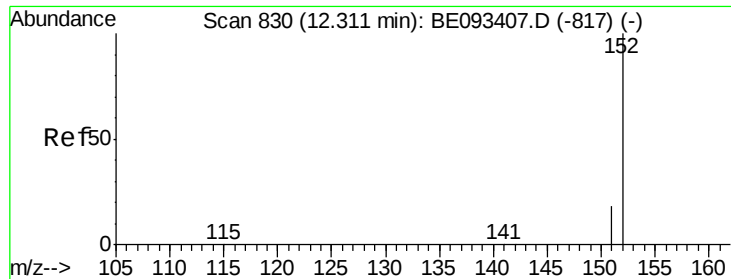
Tgt Ion:	128	Resp:	12594
Ion Ratio	Lower	Upper	
128	100		
129	3.5	11.4	17.0#
127	4.1	11.2	16.8#

Abundance Ion 128.00 (127.70 to 128.70): BE093407.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE093407.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE093407.D (-575) (-)





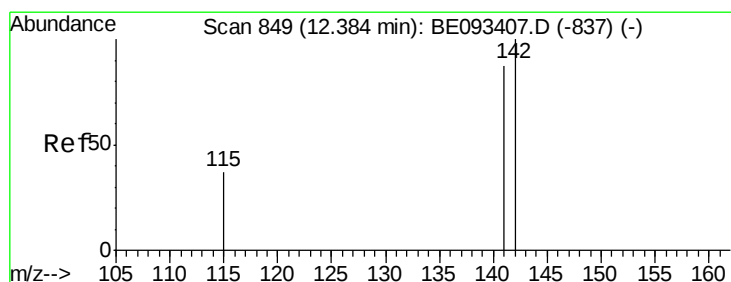
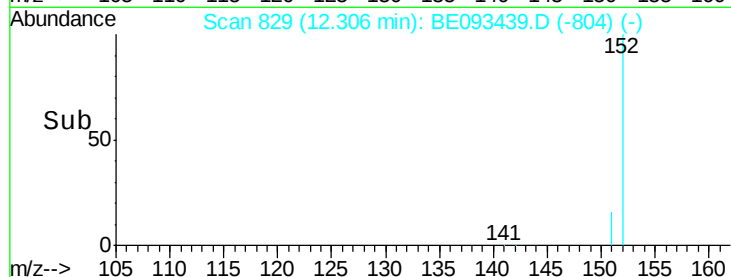
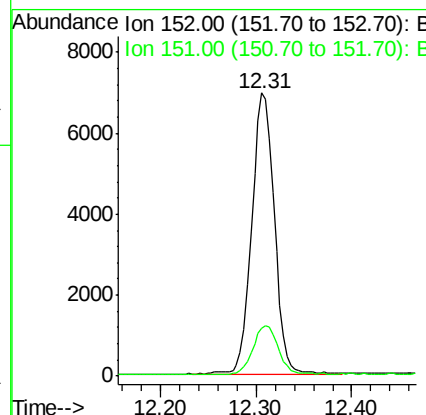
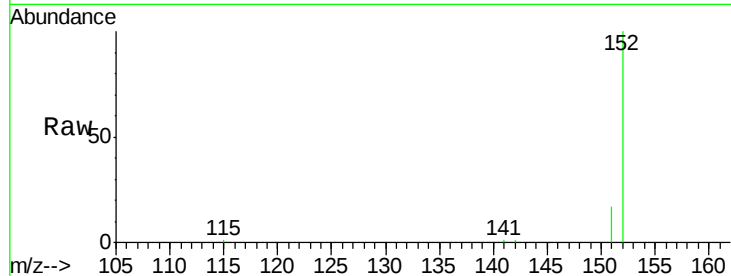
#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE093439.D
Acq: 7 Jul 2017 12:38

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:152 Resp: 11453
Ion Ratio Lower Upper
152 100
151 18.9 15.1 22.7

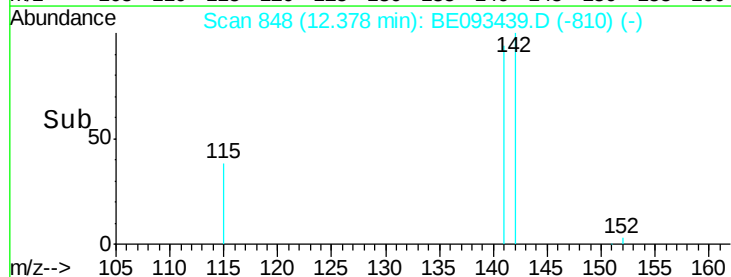
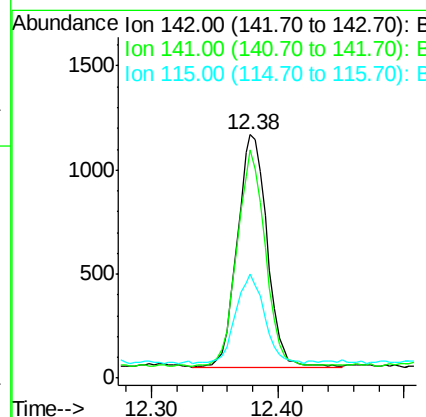
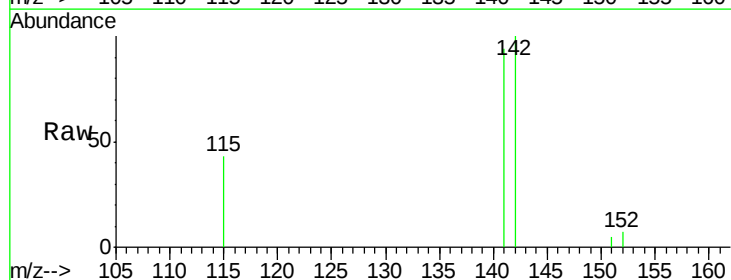
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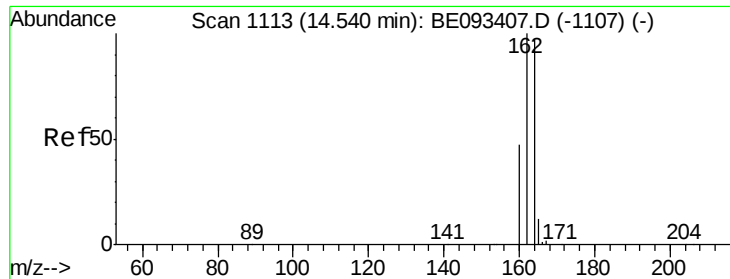
mohammad
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#12
2-Methylnaphthalene
Concen: 0.050 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.01 min
Lab File: BE093439.D
Acq: 7 Jul 2017 12:38

Tgt Ion:142 Resp: 1835
Ion Ratio Lower Upper
142 100
141 93.9 72.6 108.8
115 42.6 32.2 48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

ClientSampleId :

MW-20BR-20170629

Tgt Ion:164 Resp: 13283

Ion Ratio Lower Upper

164 100

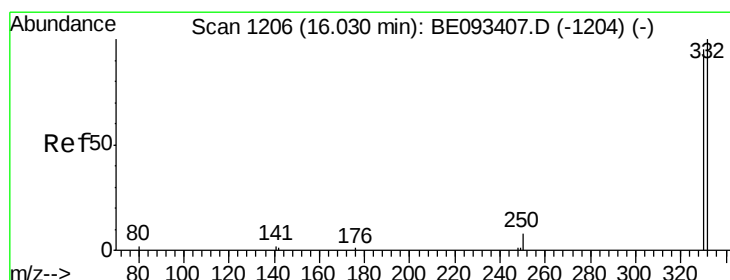
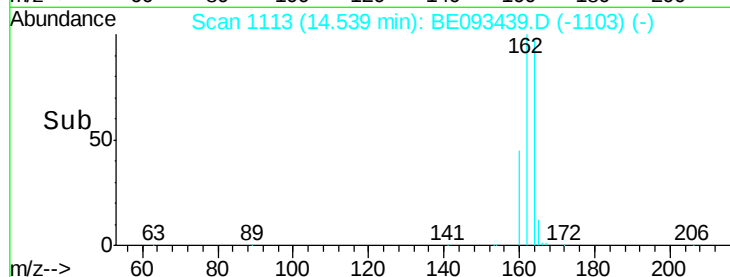
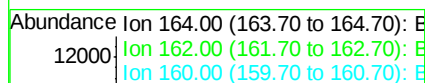
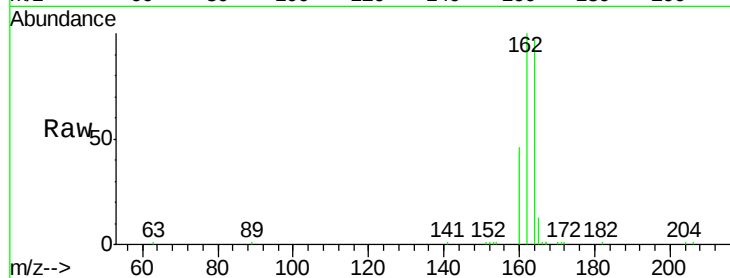
162 103.2 84.6 127.0

160 47.1 41.8 62.6

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#14

2,4,6-Tribromophenol

Concen: 0.284 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

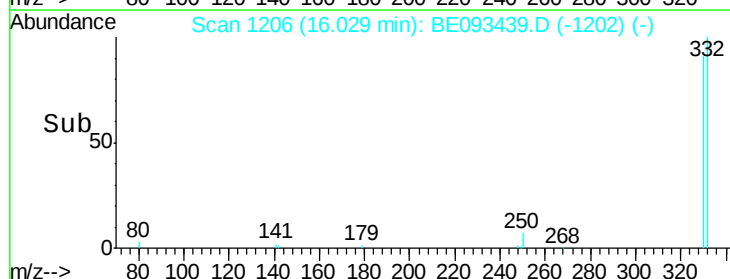
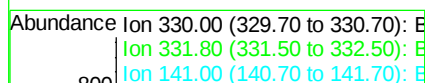
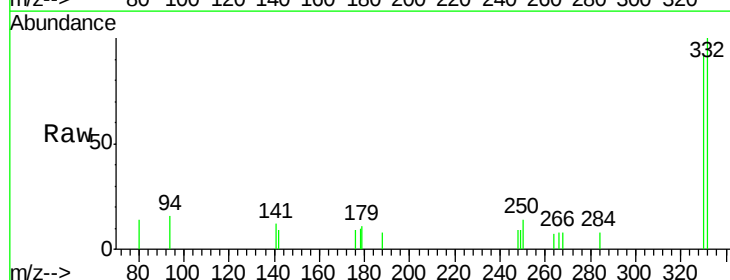
Tgt Ion:330 Resp: 1187

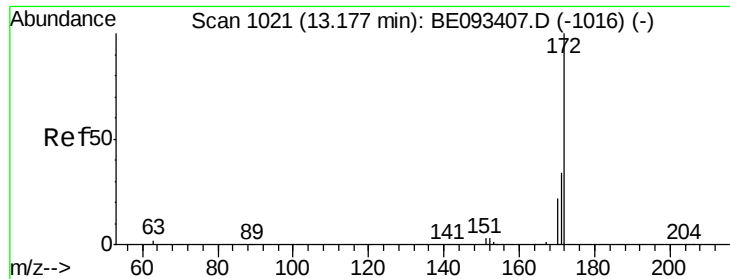
Ion Ratio Lower Upper

330 100

332 107.6 77.7 116.5

141 0.0 56.2 84.4#





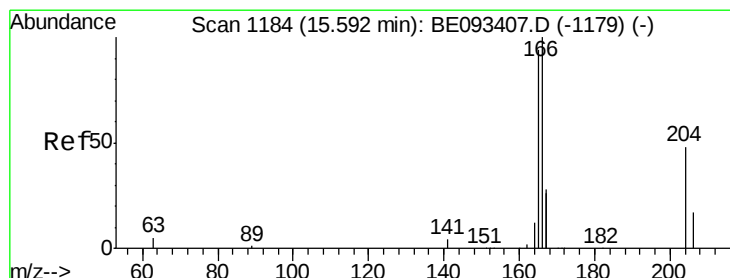
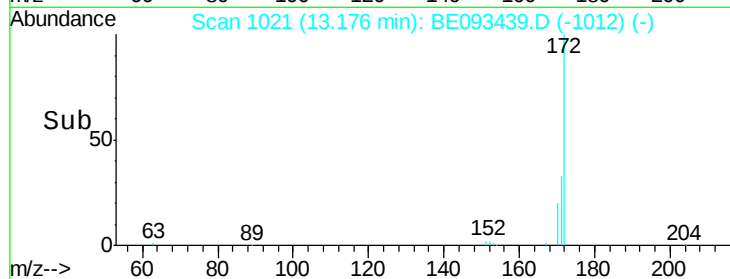
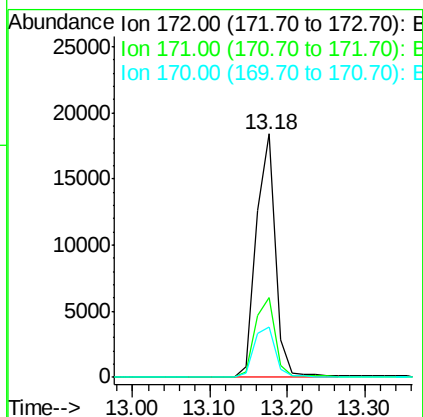
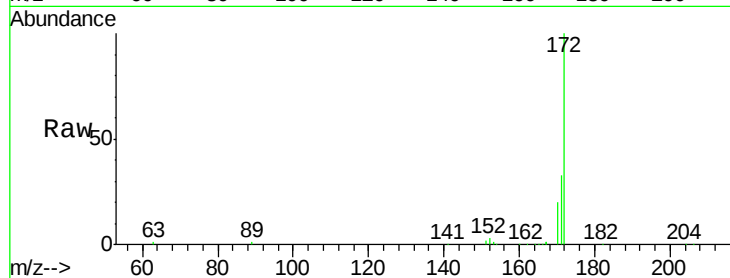
#15
2-Fluorobiphenyl
Concen: 0.608 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093439.D
Acq: 7 Jul 2017 12:38

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BNA_E
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.8	29.8	44.6
170	20.5	20.7	31.1#

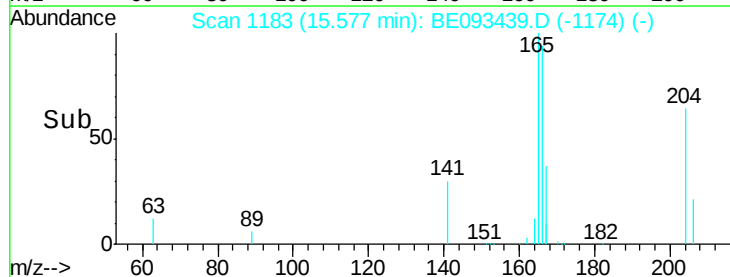
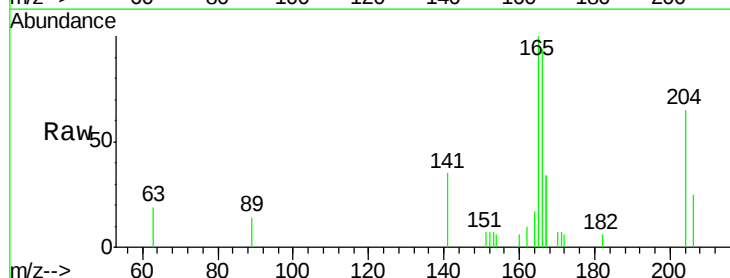
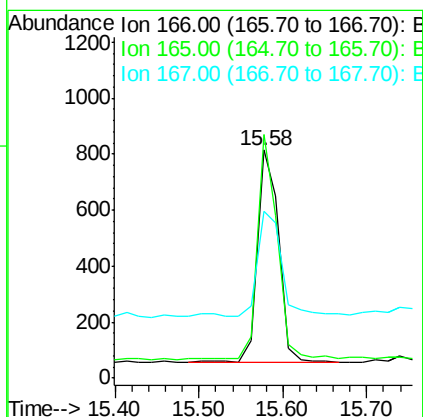
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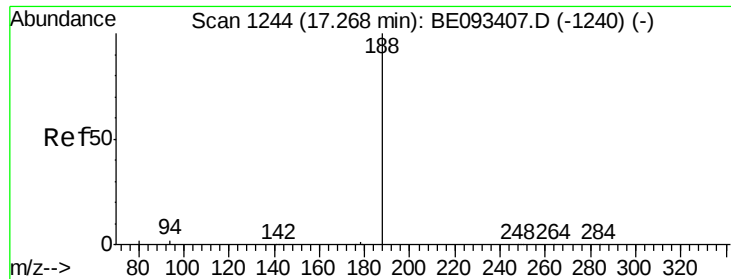
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#18
Fluorene
Concen: 0.024 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093439.D
Acq: 7 Jul 2017 12:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	117.8
167	56.5	11.1	16.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

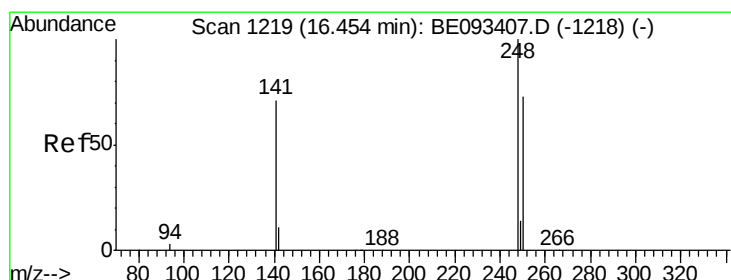
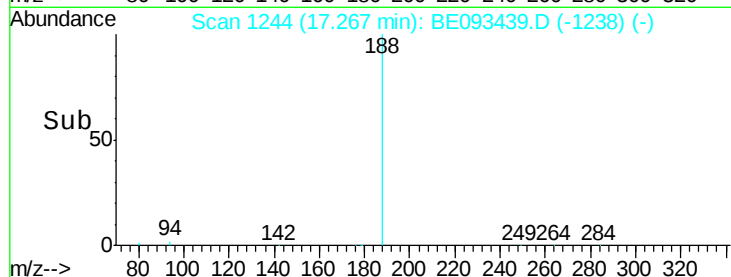
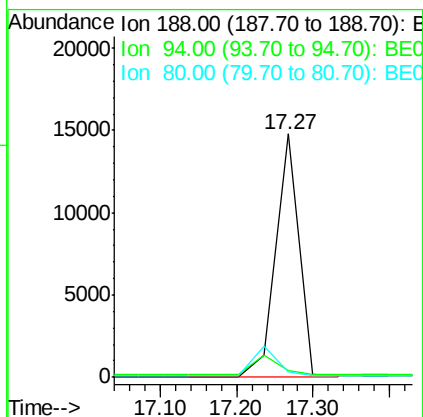
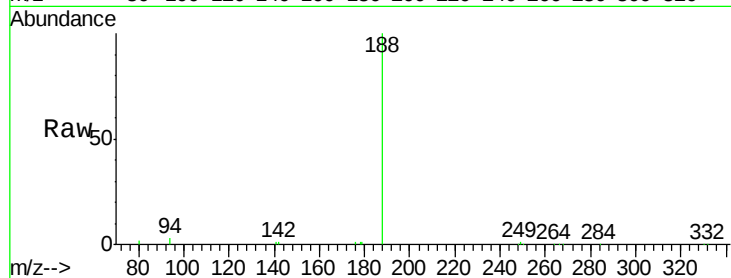
ClientSampleId :

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Tgt Ion:	188	Resp:	31621
Ion Ratio	Lower	Upper	
188	100		
94	2.7	11.3	16.9#
80	2.1	11.7	17.5#

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#20

4-Bromophenyl-phenylether

Concen: 0.028 ng m

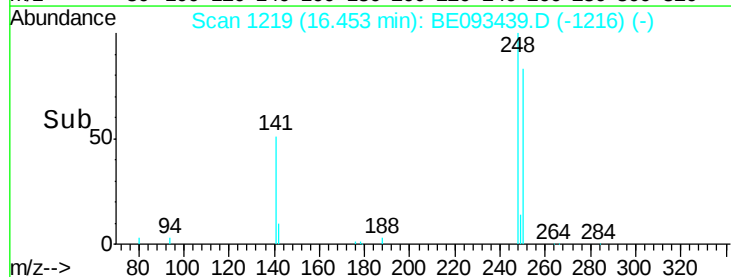
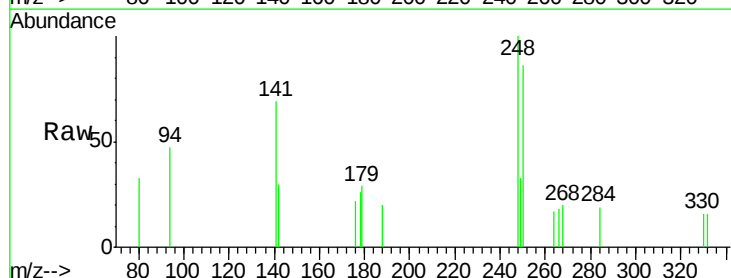
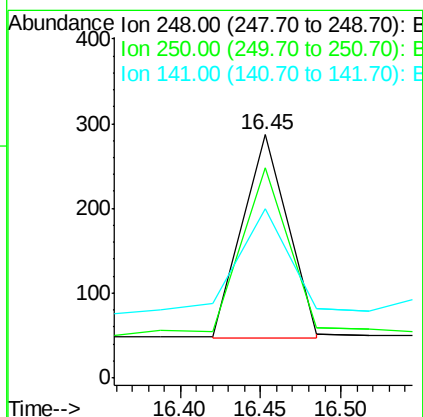
RT: 16.45 min Scan# 1219

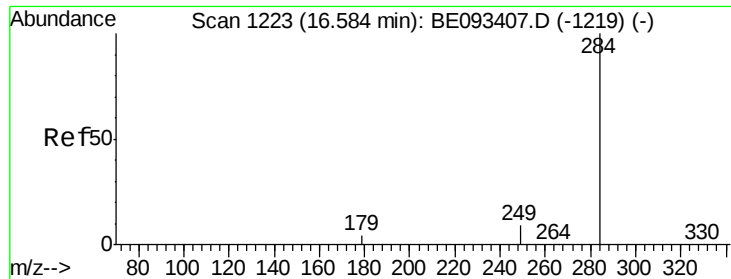
Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Tgt Ion:	248	Resp:	479
Ion Ratio	Lower	Upper	
248	100		
250	86.4	40.8	61.2#
141	69.3	161.6	242.4#





#21

Hexachlorobenzene

Concen: 0.025 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

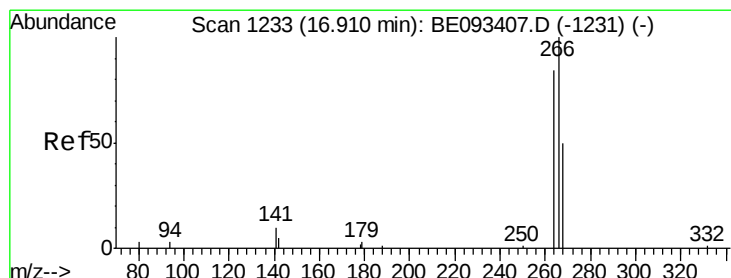
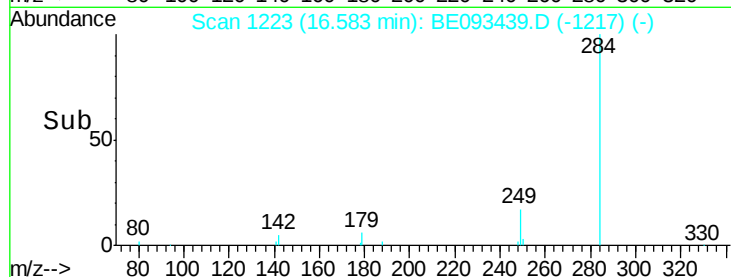
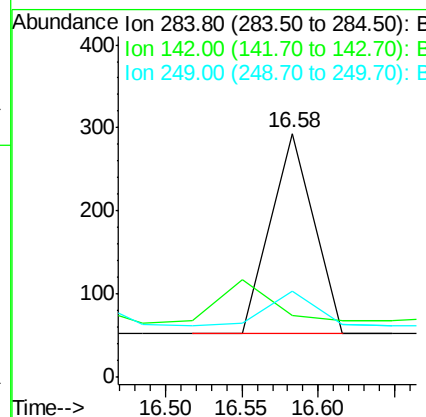
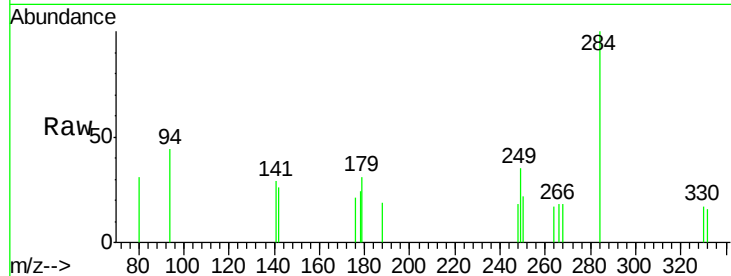
ClientSampleId :

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Tgt Ion:	284	Resp:	473
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	19.0	0.0	0.0#

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#22

Pentachlorophenol

Concen: 0.051 ng

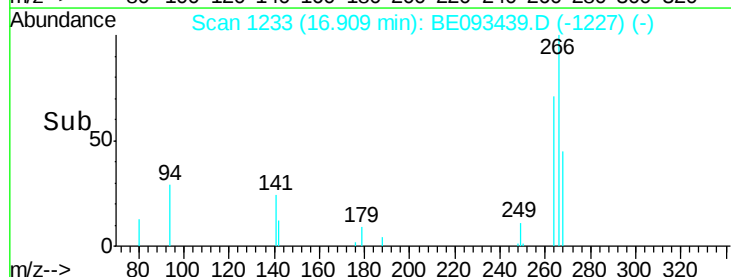
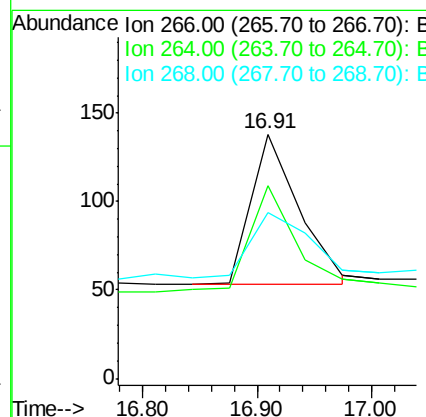
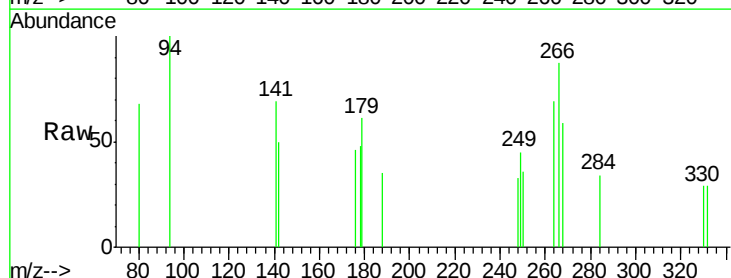
RT: 16.91 min Scan# 1233

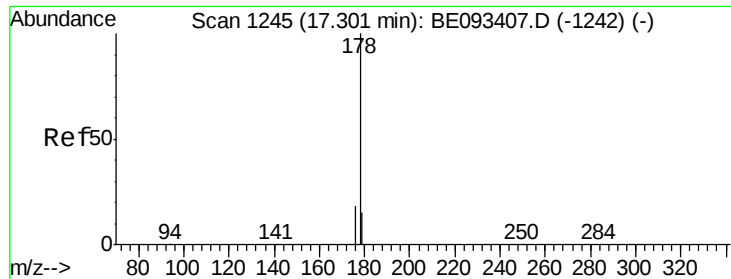
Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Tgt Ion:	266	Resp:	246
Ion Ratio	Lower	Upper	
266	100		
264	79.0	58.2	87.2
268	68.1	71.9	107.9#





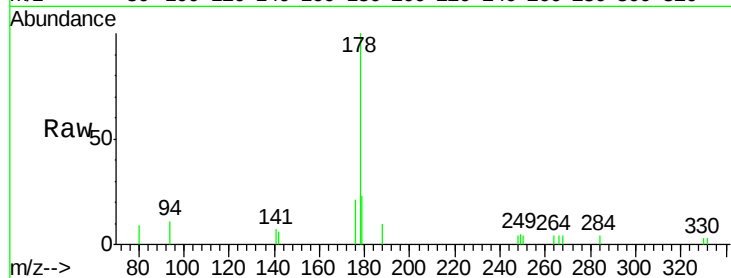
#23
Phenanthrene
Concen: 0.024 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093439.D
Acq: 7 Jul 2017 12:38

Instrument :
BNA_E
ClientSampleId :
MW-20BR-20170629

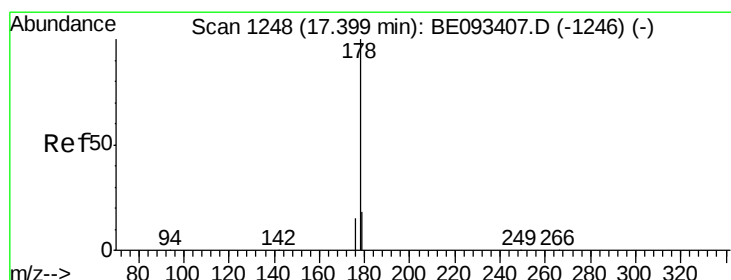
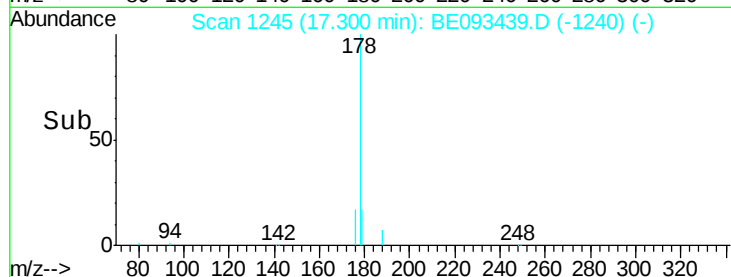
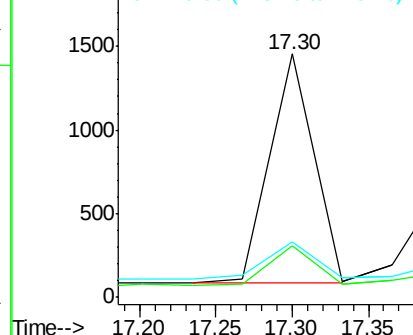
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.0	22.4
179	18.7	12.7	19.1

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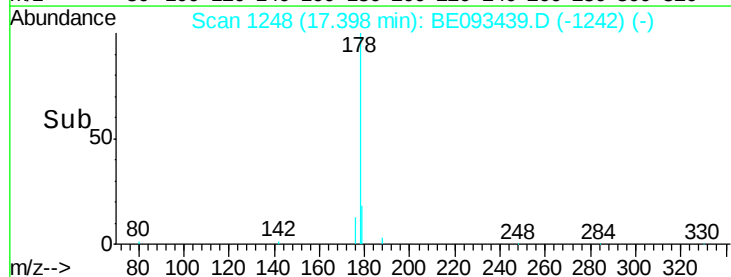
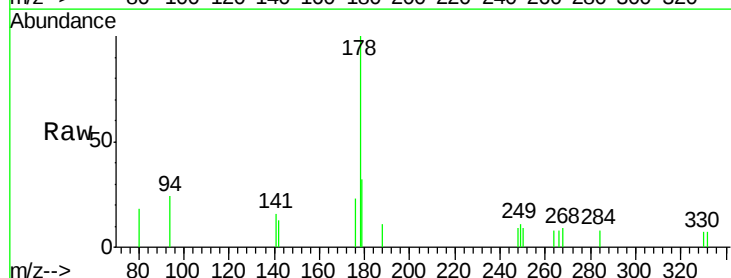
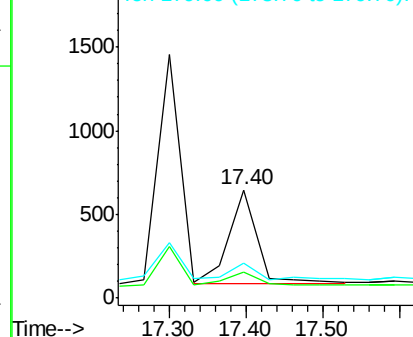
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

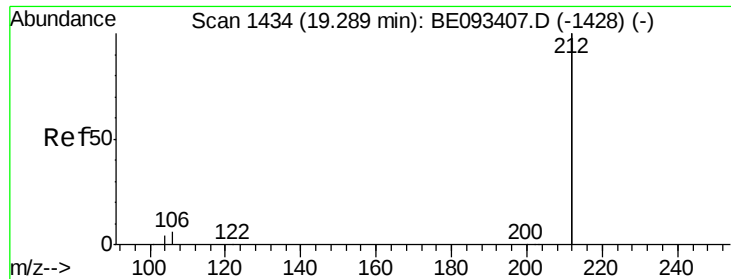


#24
Anthracene
Concen: 0.021 ng m
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093439.D
Acq: 7 Jul 2017 12:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	32.1	14.6	22.0#
179	27.9	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: 0.372 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

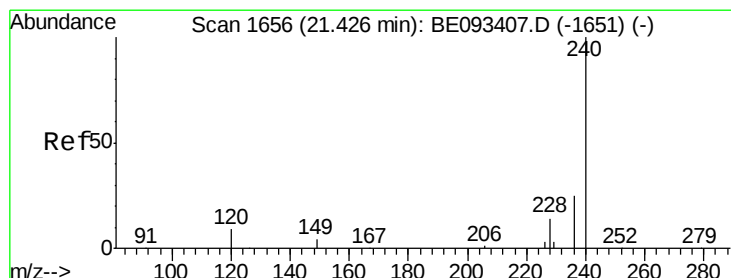
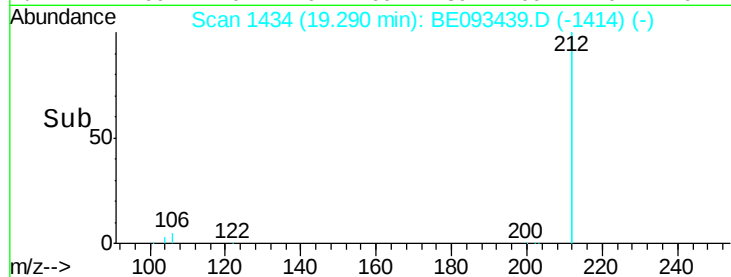
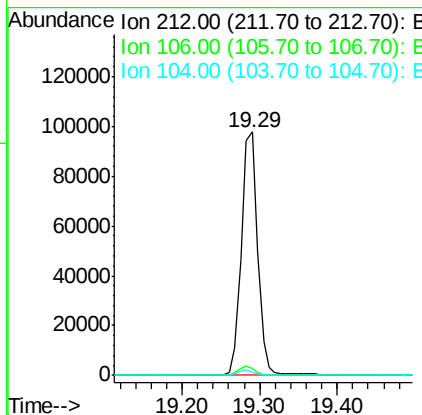
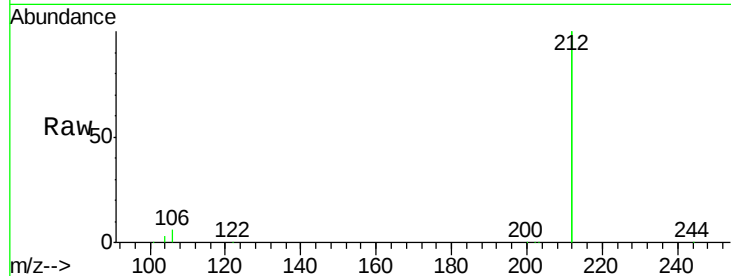
ClientSampleId :

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Tgt Ion:	212	Resp:	141953
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.4	3.6
104	1.9	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng

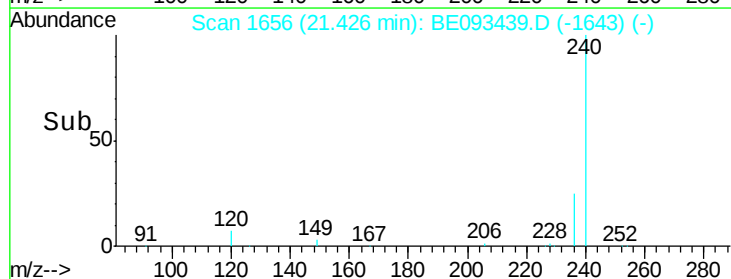
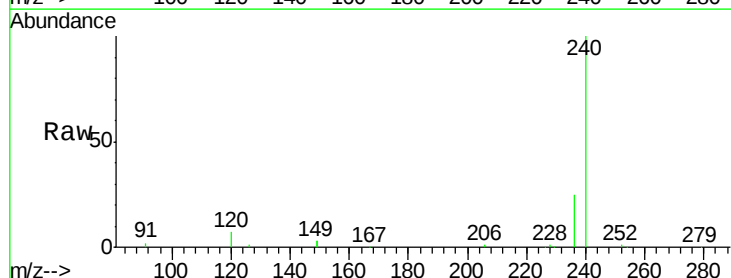
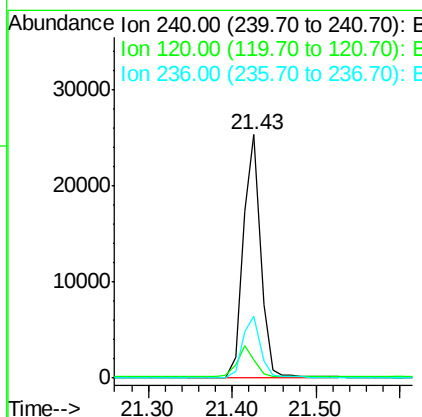
RT: 21.43 min Scan# 1656

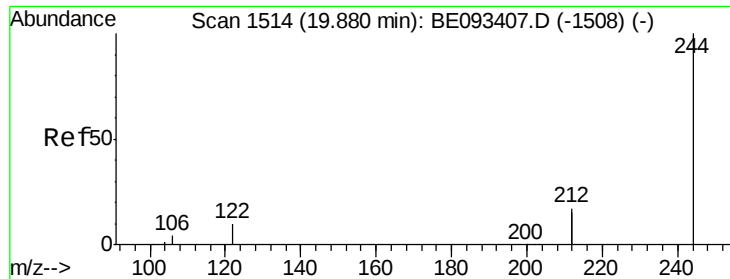
Delta R.T. -0.00 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Tgt Ion:	240	Resp:	35988
Ion Ratio	Lower	Upper	
240	100		
120	7.4	4.6	7.0#
236	25.4	20.8	31.2





#29

Terphenyl-d14

Concen: 0.535 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093439.D

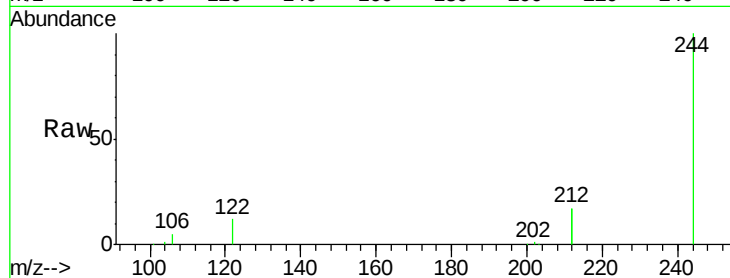
Acq: 7 Jul 2017 12:38

Instrument :

BNA_E

ClientSampleId :

MW-20BR-20170629



Tgt Ion: 244 Resp: 34351

Ion Ratio Lower Upper

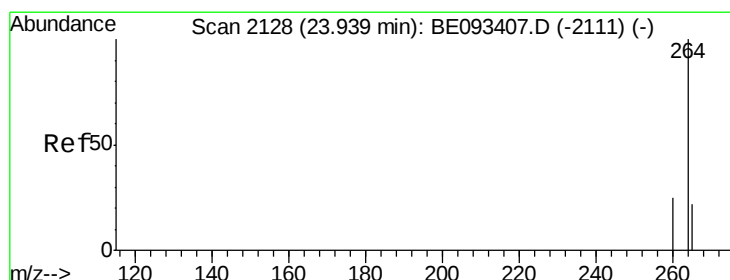
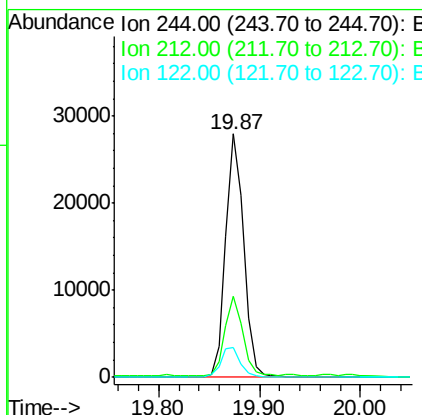
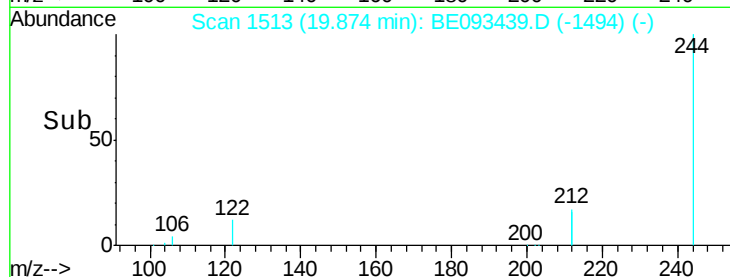
244 100

212 33.4 10.6 16.0#

122 12.0 15.4 23.0#

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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093439.D

Acq: 7 Jul 2017 12:38

Tgt Ion: 264 Resp: 30740

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

265 28.8 24.6 36.8

