

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093874.D
 Acq On : 22 Aug 2017 14:08
 Operator : SJ/JU
 Sample : PB101705BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB101705BL

Manual Integrations
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Sohil
 8/23/2017 3:00:39 PM

Quant Time: Aug 23 01:45:35 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1440	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	6545	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4066	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9797m	0.40	ng	0.03
27) Chrysene-d12	21.43	240	11263	0.40	ng	0.02
34) Perylene-d12	23.93	264	9688	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1562	0.34	ng	0.00
5) Phenol-d6	7.10	99	1935	0.27	ng	0.01
8) Nitrobenzene-d5	9.08	82	1600	0.29	ng	0.02
11) 2-Methylnaphthalene-d10	12.31	152	3501	0.33	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	303m	0.27	ng	0.03
15) 2-Fluorobiphenyl	13.18	172	4918m	0.31	ng	0.03
25) Fluoranthene-d10	19.29	212	41136	0.37	ng	0.01
29) Terphenyl-d14	19.87	244	7713	0.38	ng	0.01

Target Compounds Qvalue

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

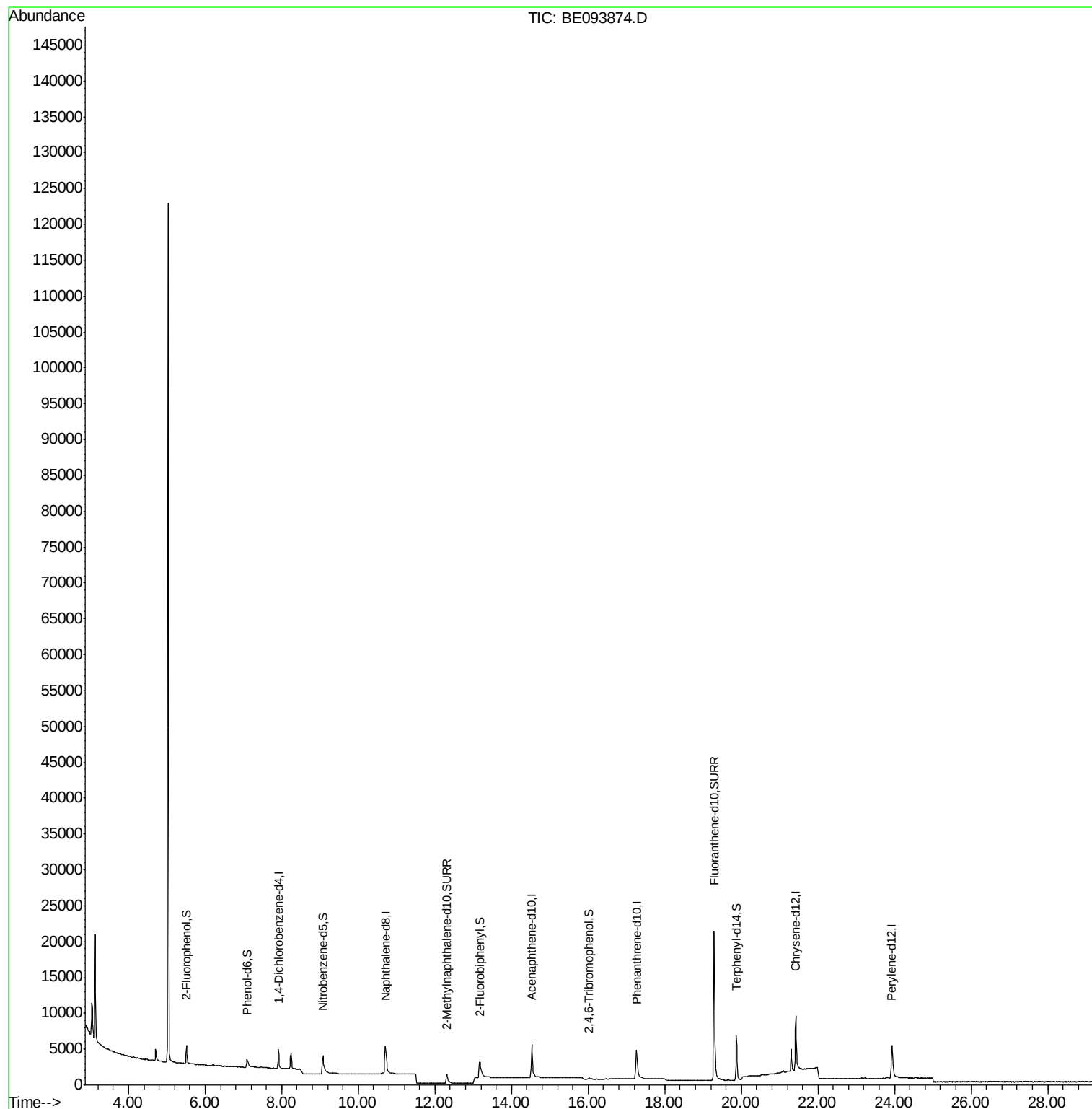
Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
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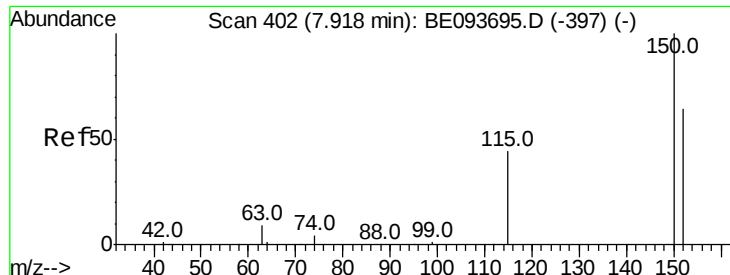
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

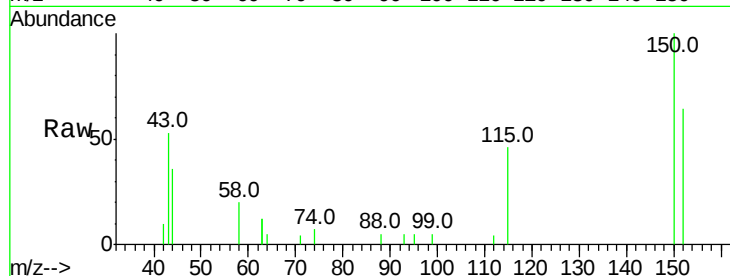
ClientSampleId :

PB101705BL

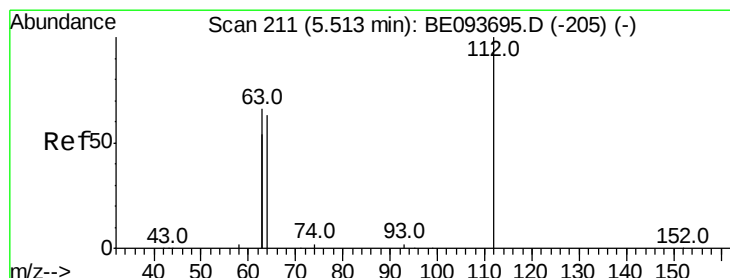
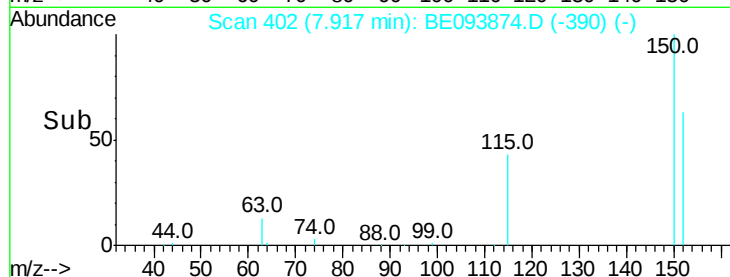
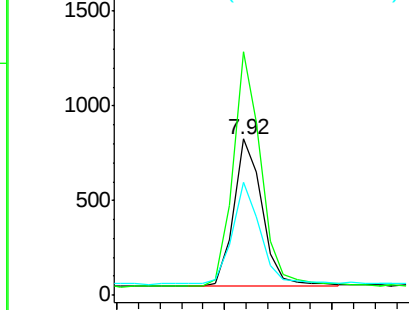
Tot Ion:	152	Resp:	1440
Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.1	187.7
115	72.2	55.7	83.5

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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



#4

2-Fluorophenol

Concen: 0.335 ng

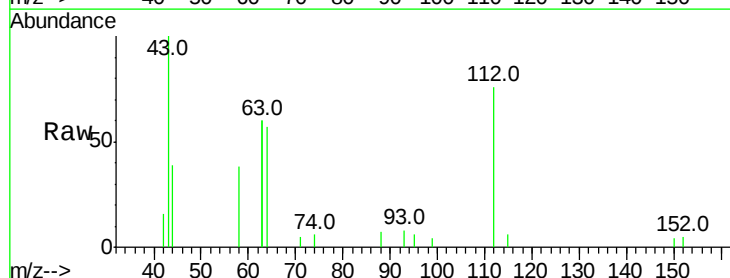
RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

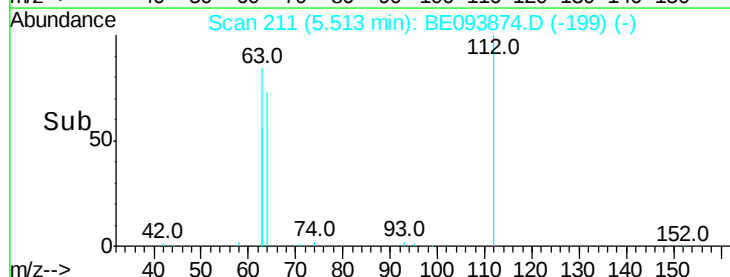
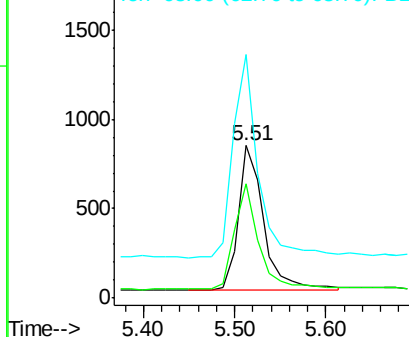
Lab File: BE093874.D

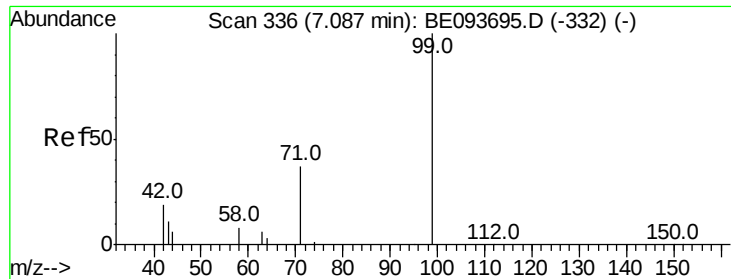
Acq: 22 Aug 2017 14:08

Tgt Ion:	112	Resp:	1562
Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.4	84.6
63	139.1	29.3	43.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.272 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

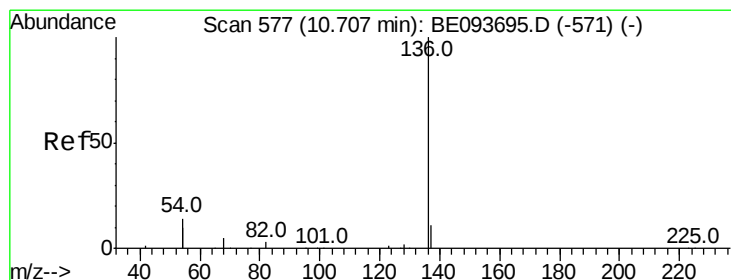
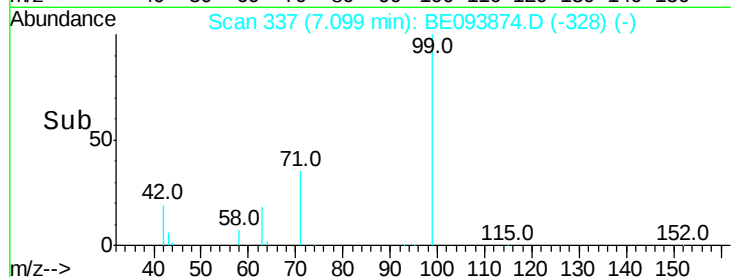
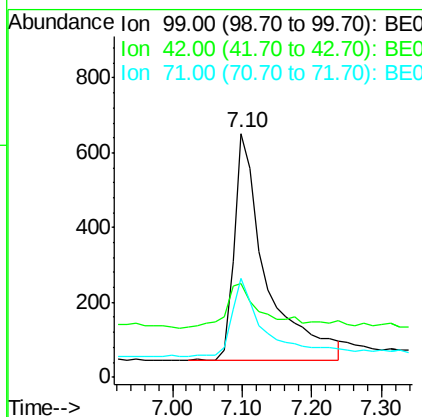
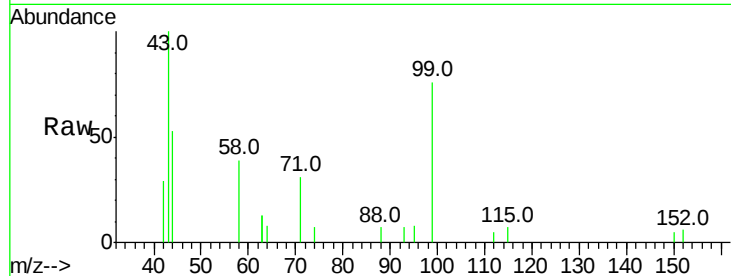
ClientSampleId :

PB101705BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		1935		
42	21.7	0.0	0.0#		
71	34.7	0.0	0.0#		

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#7

Naphthalene-d8

Concen: 0.400 ng

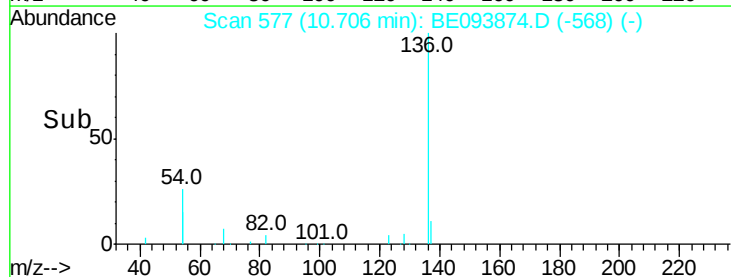
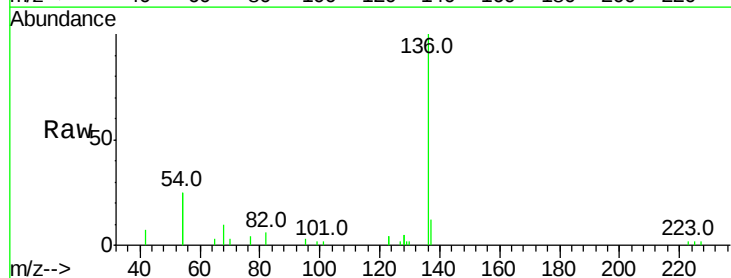
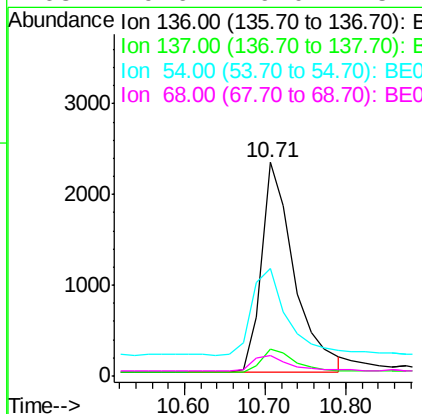
RT: 10.71 min Scan# 577

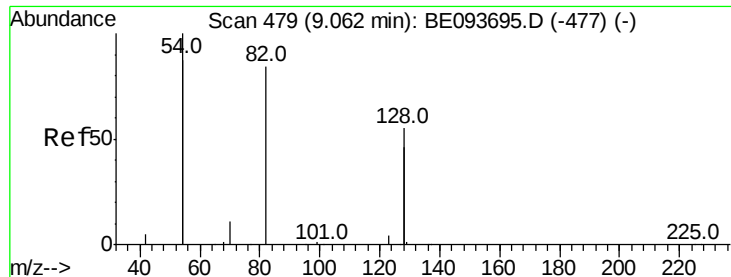
Delta R.T. -0.00 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		6545		
137	12.3	9.8	14.8		
54	50.0	10.3	15.5#		
68	9.6	9.0	13.4		





#8

Nitrobenzene-d5

Concen: 0.286 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

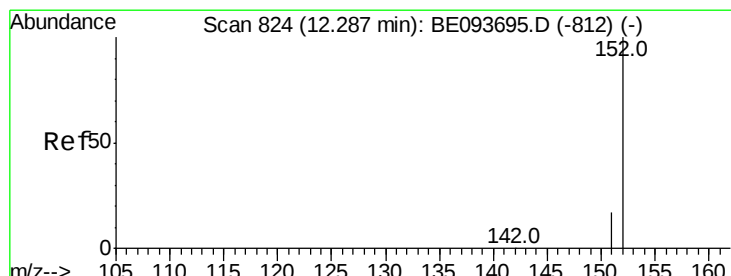
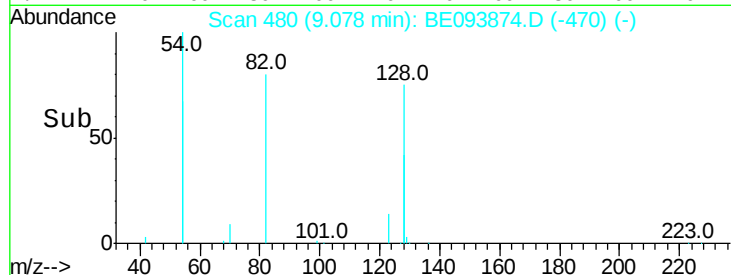
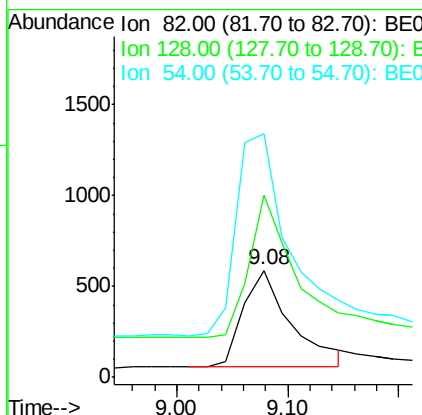
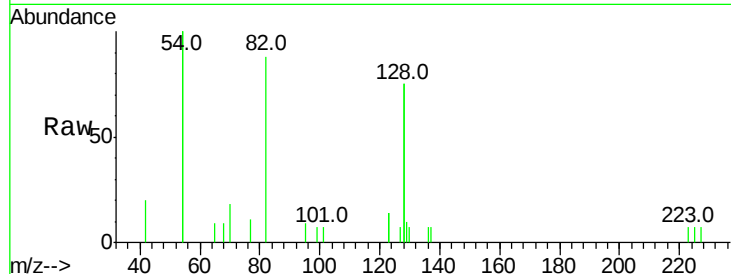
ClientSampleId :

PB101705BL

Tot Ion:	82	Resp:	1600
Ion Ratio	Lower	Upper	
82	100		
128	170.1	17.0	25.4#
54	227.5	53.8	80.6#

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#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

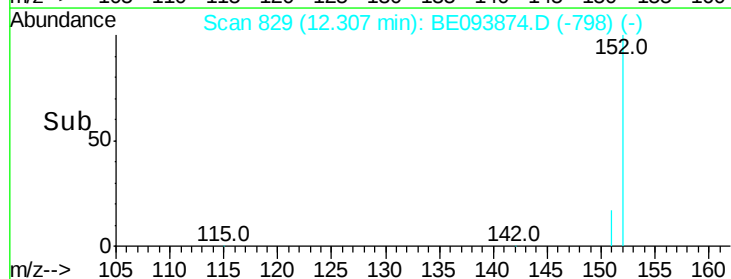
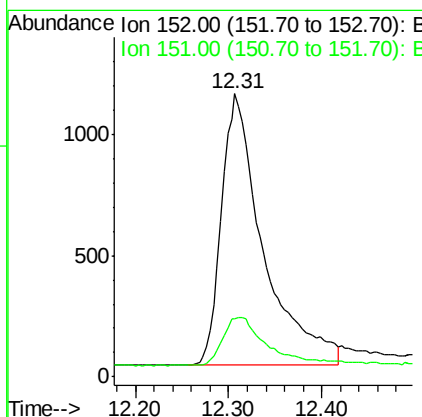
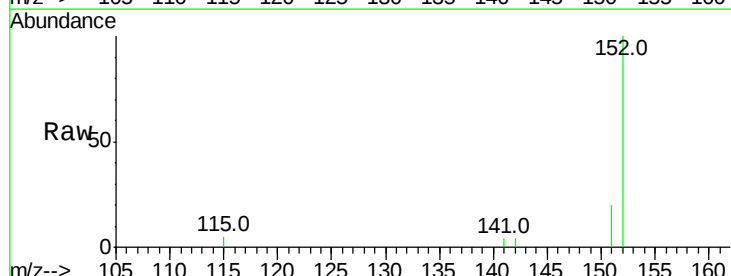
RT: 12.31 min Scan# 829

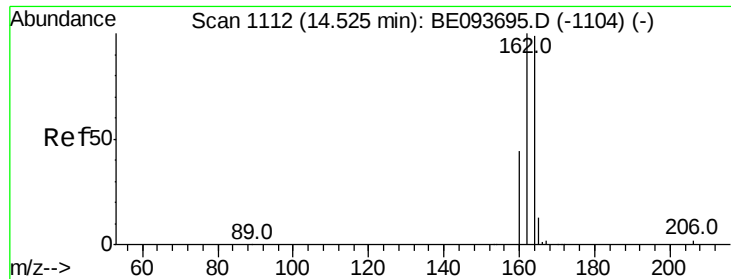
Delta R.T. 0.02 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Tgt Ion:	152	Resp:	3501
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.1	22.7





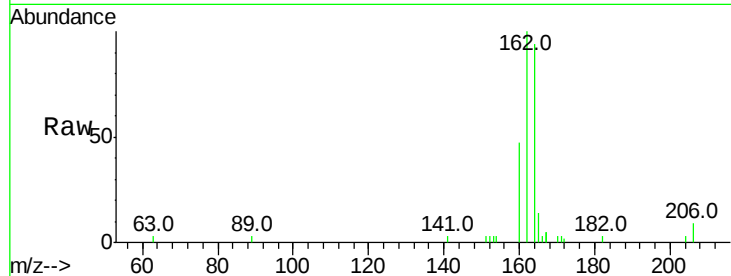
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Instrument :
BNA_E
ClientSampleId :
PB101705BL

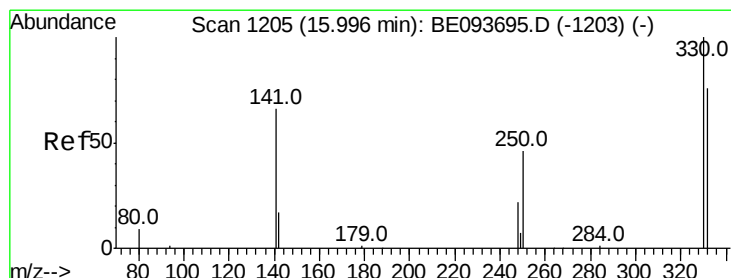
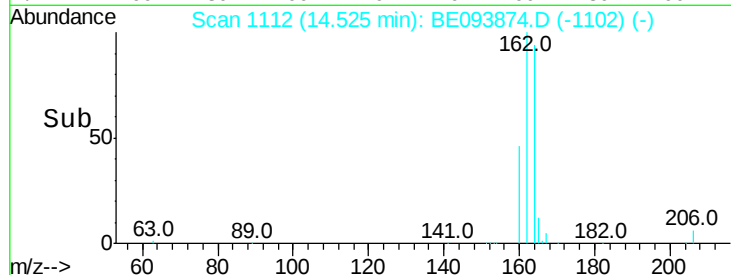
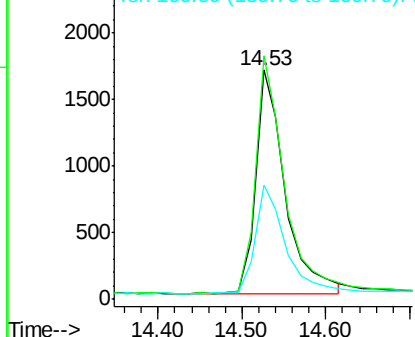
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	84.6	127.0
160	50.2	41.8	62.6

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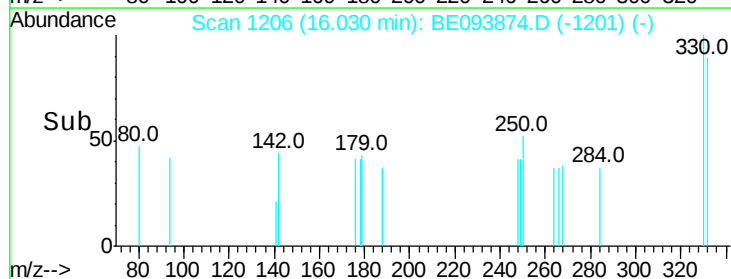
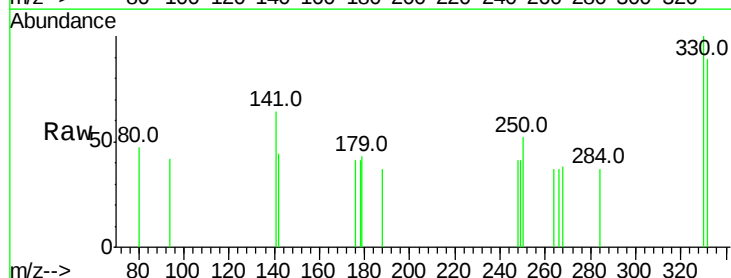
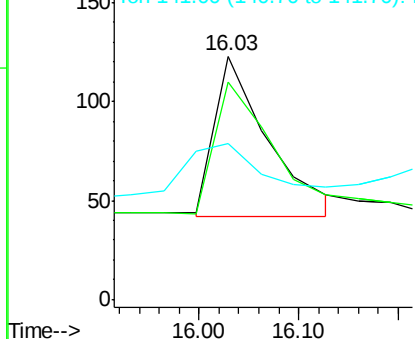
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

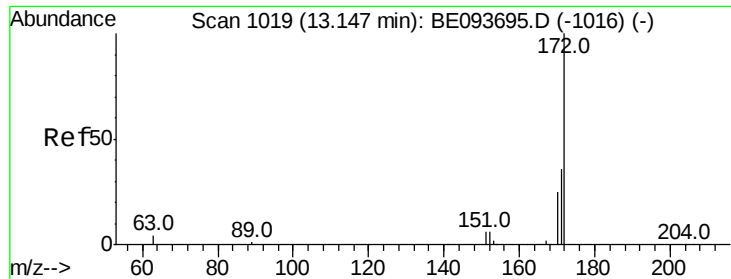


#14
2,4,6-Tribromophenol
Concen: 0.272 ng m
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	69.6	77.7	116.5#
141	38.6	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





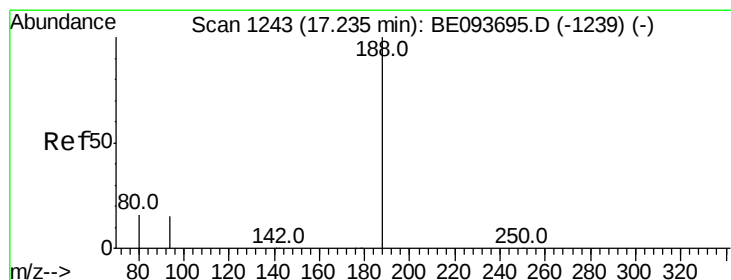
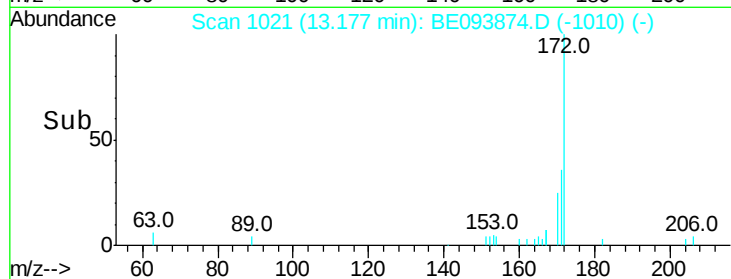
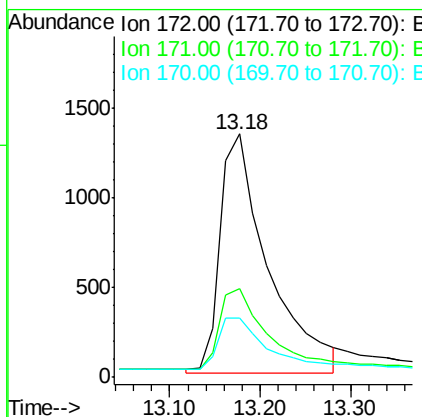
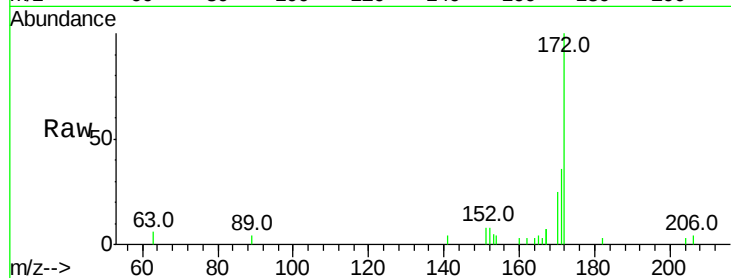
#15
2-Fluorobiphenyl
Concen: 0.307 ng m
RT: 13.18 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Instrument :
BNA_E
ClientSampled :
PB101705BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.6	20.7	31.1

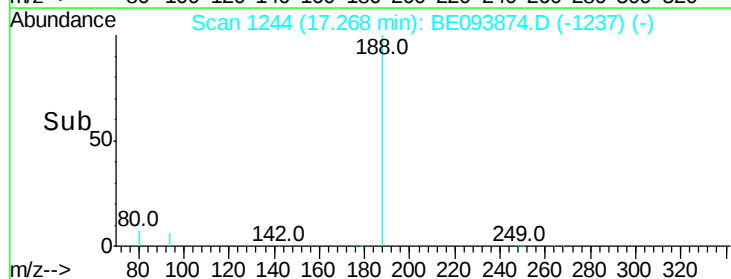
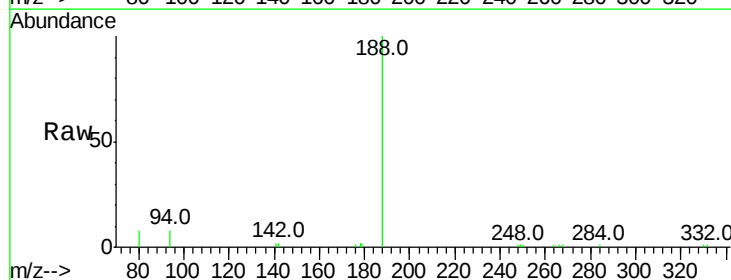
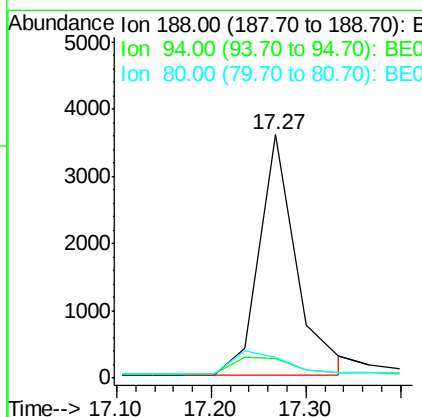
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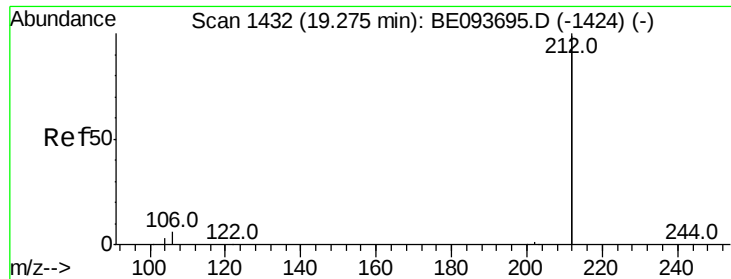
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#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE093874.D
Acq: 22 Aug 2017 14:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.3	16.9#
80	8.3	11.7	17.5#





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

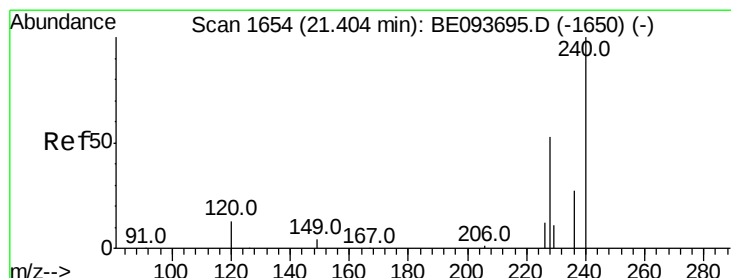
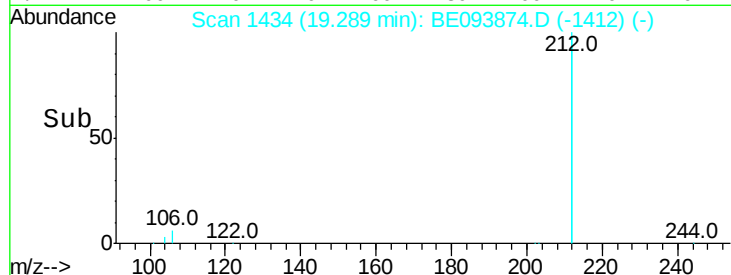
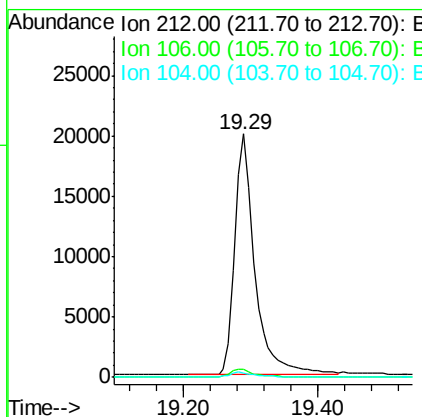
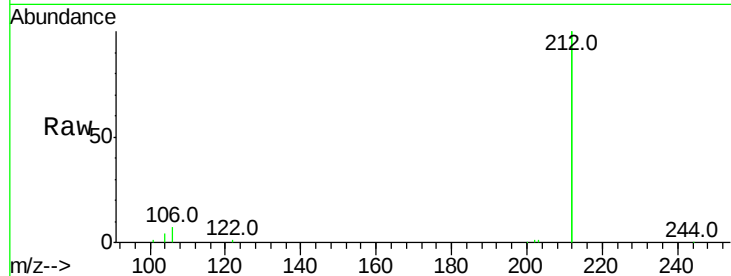
ClientSampled :

PB101705BL

Tot Ion:	212	Resp:	41136
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

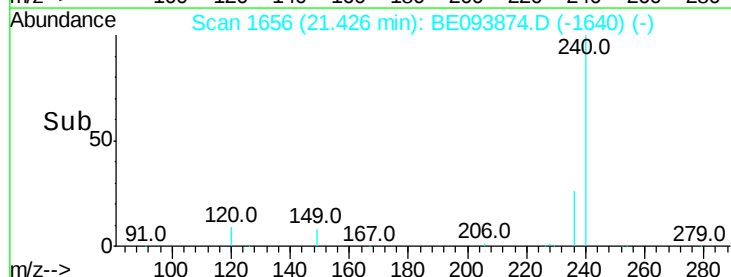
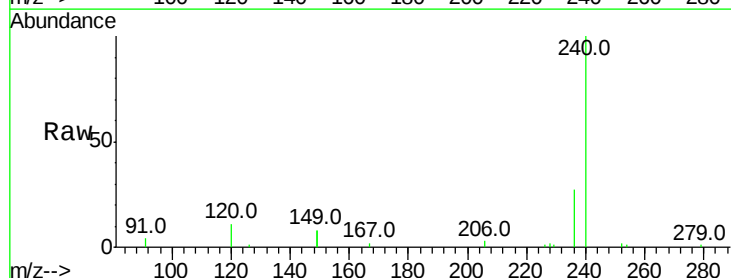
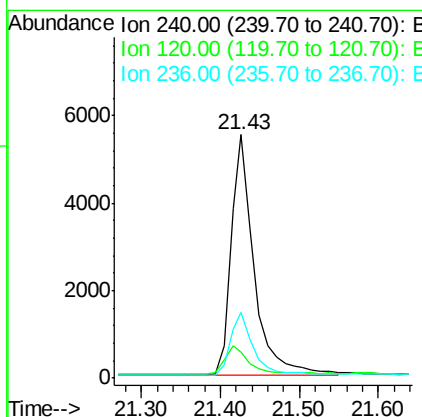
RT: 21.43 min Scan# 1656

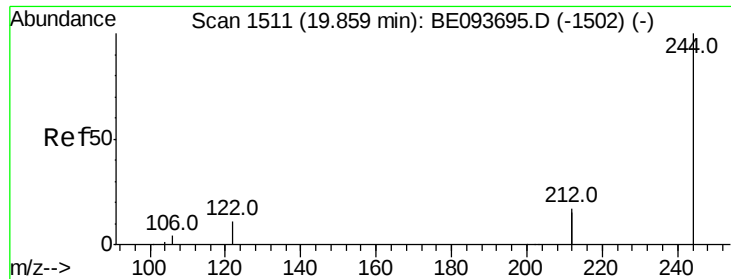
Delta R.T. 0.02 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Tgt Ion:	240	Resp:	11263
Ion Ratio	Lower	Upper	
240	100		
120	10.6	4.6	7.0#
236	26.9	20.8	31.2





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Instrument :

BNA_E

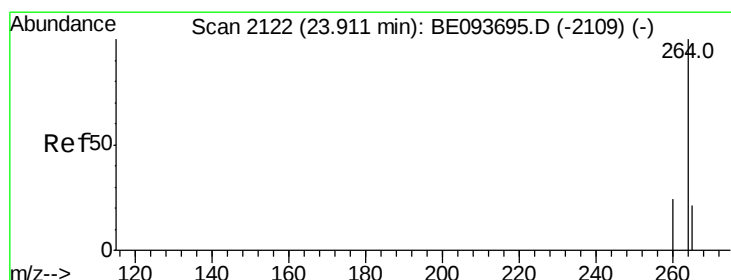
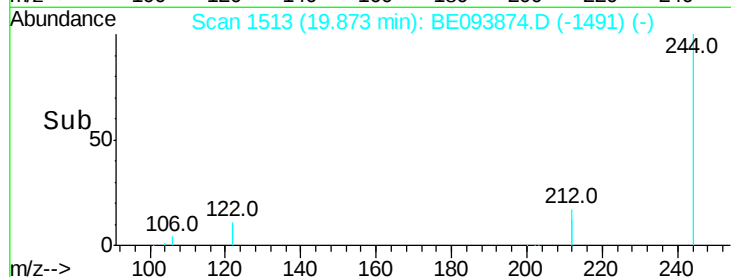
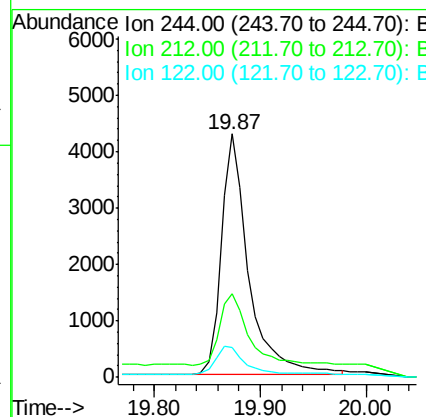
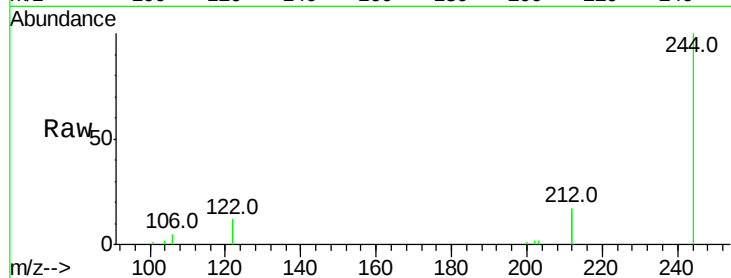
ClientSampleId :

PB101705BL

Tot Ion:	244	Resp:	7713
Ion Ratio	Lower	Upper	
244	100		
212	34.6	10.6	16.0#
122	12.3	15.4	23.0#

Manual Integrations
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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. 0.02 min

Lab File: BE093874.D

Acq: 22 Aug 2017 14:08

Tgt Ion:	264	Resp:	9688
Ion Ratio	Lower	Upper	
264	100		
260	25.1	21.0	31.4
265	33.5	24.6	36.8

