

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
 Data File : BE094867.D
 Acq On : 27 Nov 2017 11:59
 Operator : SJ/JU
 Sample : PB104402BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104402BL

Manual Integrations
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Sohil
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Quant Time: Nov 27 15:29:14 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	431	0.40	ng	0.05
7) Naphthalene-d8	10.77	136	2709	0.40	ng	0.07
13) Acenaphthene-d10	14.54	164	1818	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	5501	0.40	ng	0.03
27) Chrysene-d12	21.45	240	6338	0.40	ng	0.02
34) Perylene-d12	23.98	264	6040	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.63	112	365	0.25	ng	0.10
5) Phenol-d6	7.34	99	595	0.27	ng	0.20
8) Nitrobenzene-d5	9.25	82	613m	0.28	ng	0.17
11) 2-Methylnaphthalene-d10	12.37	152	1550	0.36	ng	0.08
14) 2,4,6-Tribromophenol	16.10	330	194m	0.39	ng	0.07
15) 2-Fluorobiphenyl	13.21	172	1942	0.30	ng	0.06
25) Fluoranthene-d10	19.30	212	26869	0.40	ng	0.02
29) Terphenyl-d14	19.87	244	4416	0.37	ng	0.00

Target Compounds Qvalue

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

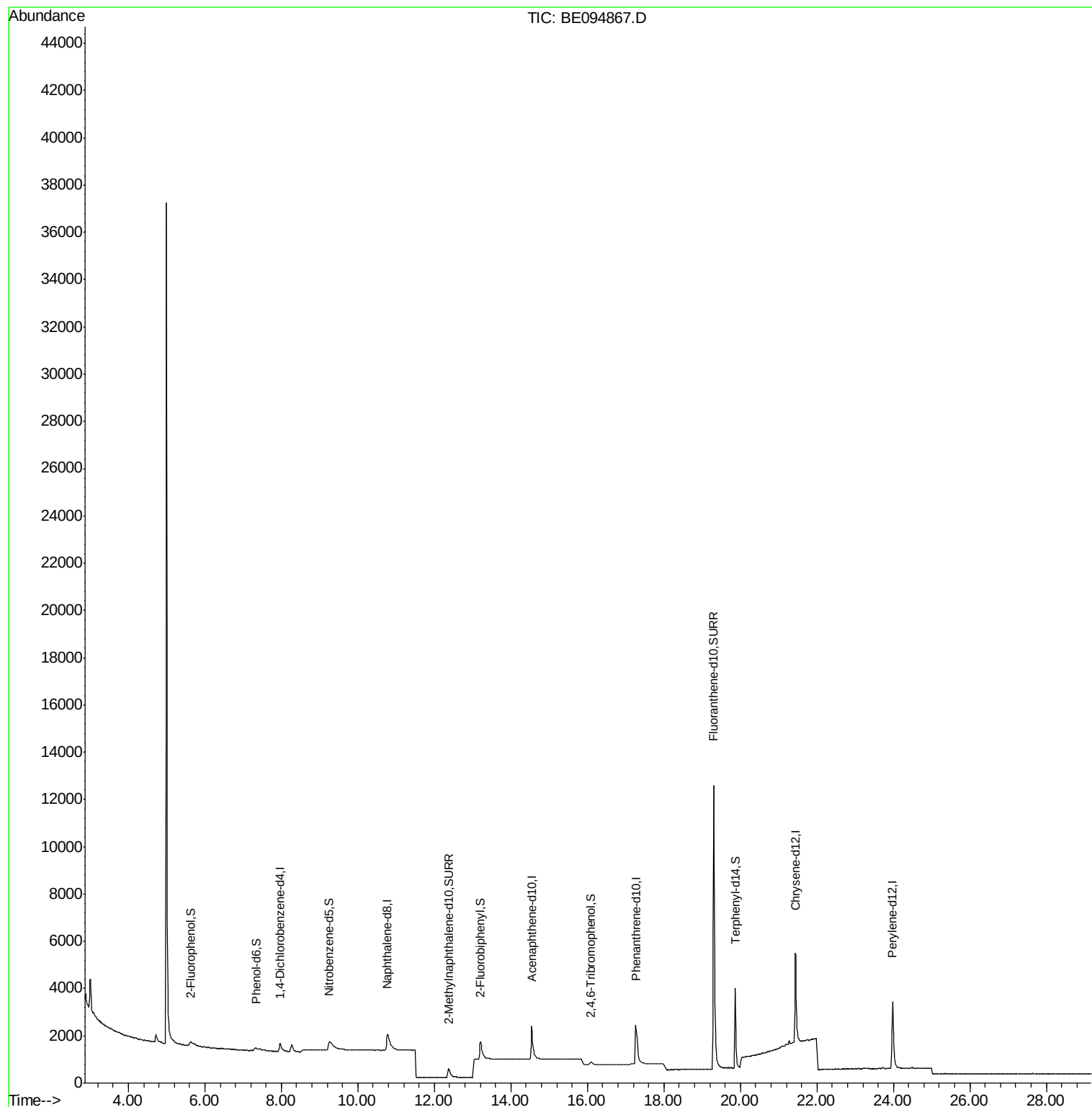
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112717\
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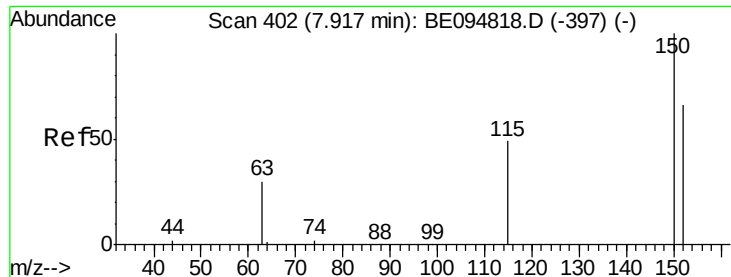
Instrument :
BNA_E
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.96 min Scan# 405

Delta R.T. 0.05 min

Lab File: BE094867.D

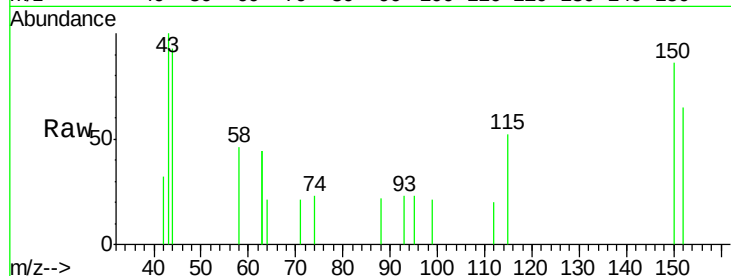
Acq: 27 Nov 2017 11:59

Instrument :

BNA_E

ClientSampled :

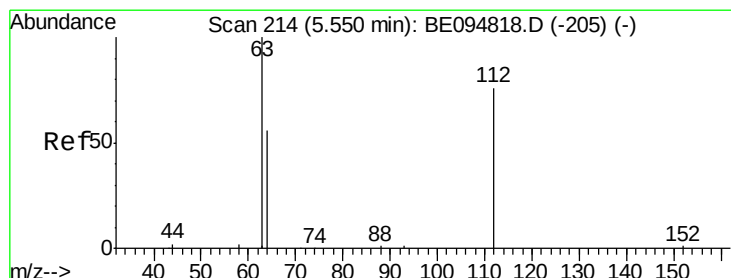
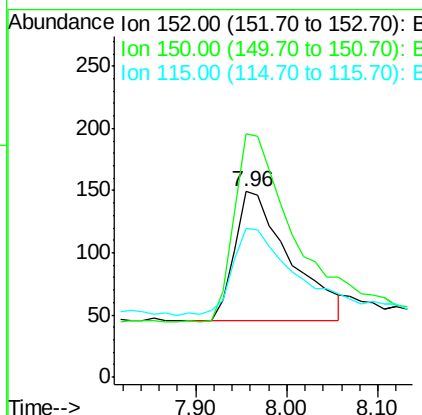
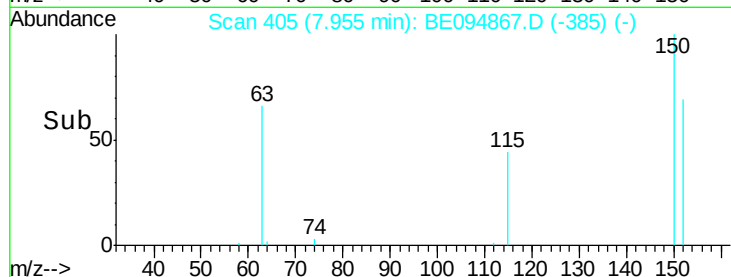
PB104402BL



Tgt Ion:	152	Resp:	431
Ion Ratio	Lower	Upper	
152	100		
150	131.5	117.2	175.8
115	80.5	57.0	85.6

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#4

2-Fluorophenol

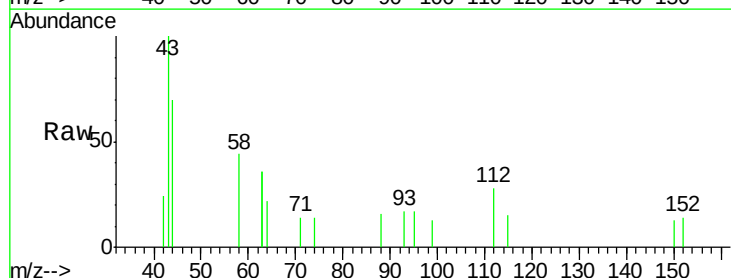
Concen: 0.247 ng

RT: 5.63 min Scan# 220

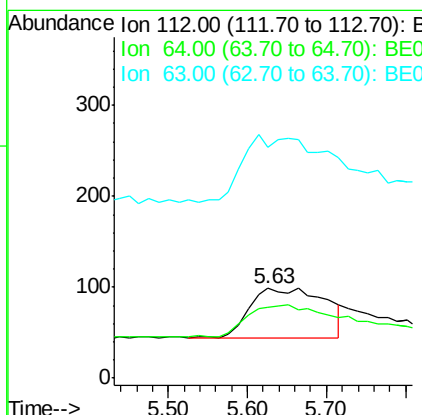
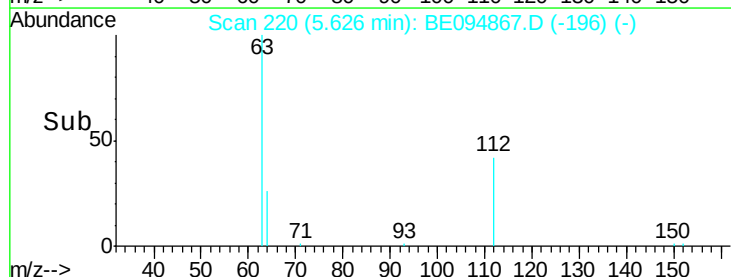
Delta R.T. 0.10 min

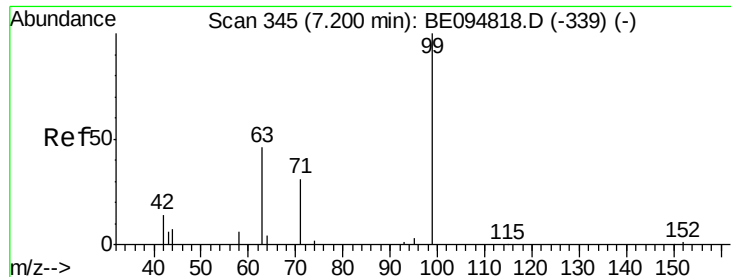
Lab File: BE094867.D

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Tgt Ion:	112	Resp:	365
Ion Ratio	Lower	Upper	
112	100		
64	0.0	60.1	90.1#
63	50.1	116.8	175.2#





#5

Phenol-d6

Concen: 0.267 ng

RT: 7.34 min Scan# 356

Delta R.T. 0.20 min

Lab File: BE094867.D

Acq: 27 Nov 2017 11:59

Instrument :

BNA_E

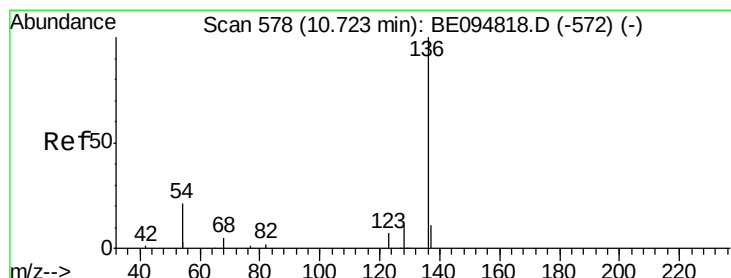
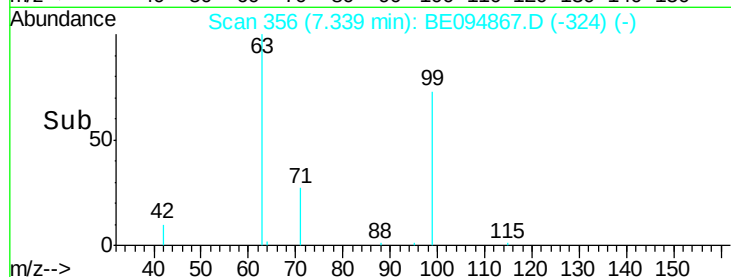
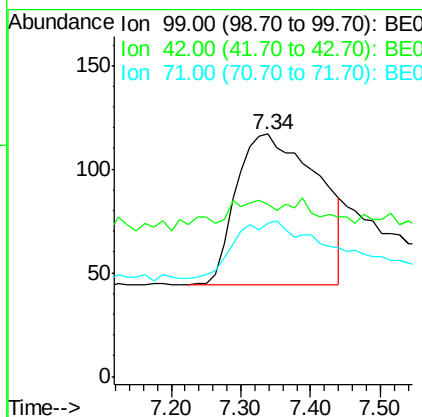
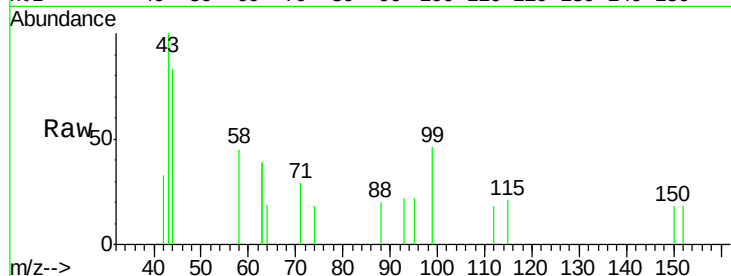
ClientSampled :

PB104402BL

Tgt Ion:	99	Resp:	595
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	37.6	28.4	42.6

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#7

Naphthalene-d8

Concen: 0.400 ng

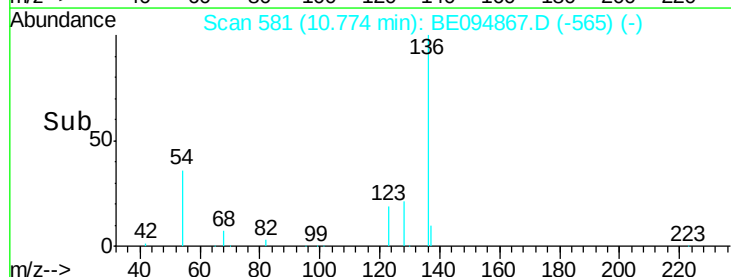
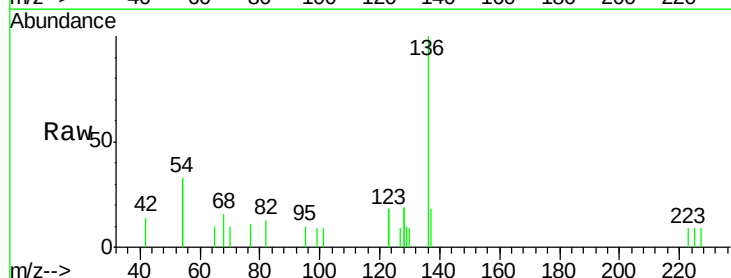
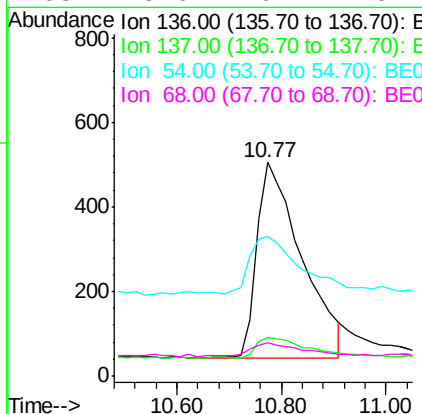
RT: 10.77 min Scan# 581

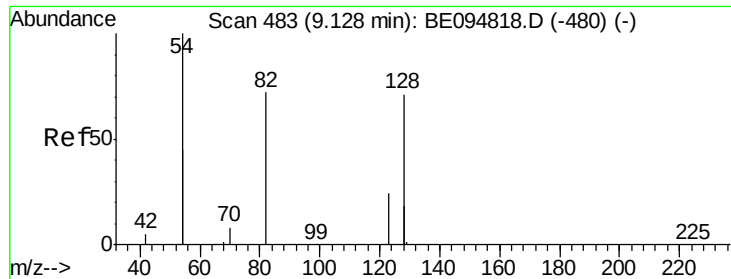
Delta R.T. 0.07 min

Lab File: BE094867.D

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Tgt Ion:	136	Resp:	2709
Ion Ratio	Lower	Upper	
136	100		
137	17.8	9.5	14.3#
54	65.3	29.1	43.7#
68	15.6	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.283 ng m

RT: 9.25 min Scan# 490

Delta R.T. 0.17 min

Lab File: BE094867.D

Acq: 27 Nov 2017 11:59

Instrument :

BNA_E

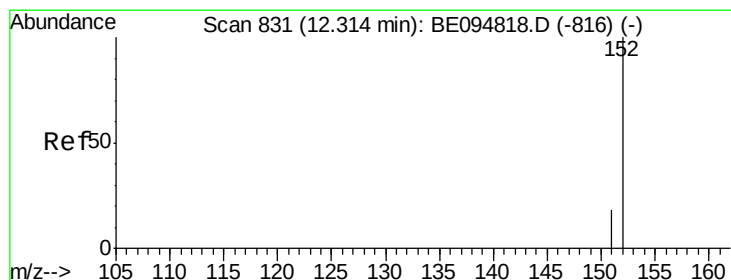
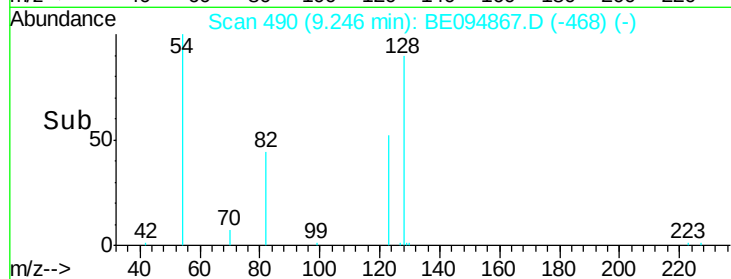
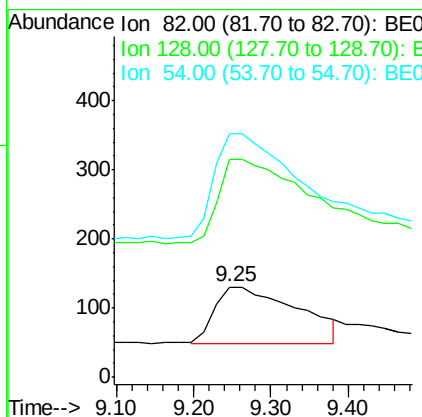
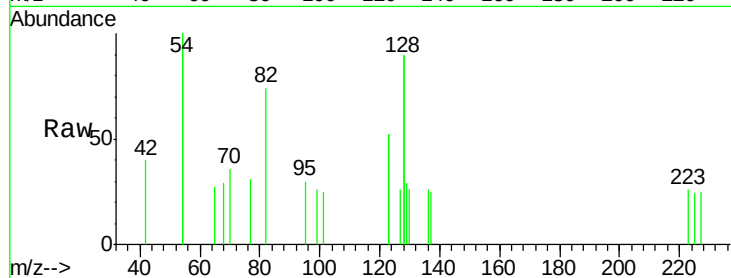
ClientSampleId :

PB104402BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	121.5	150.0	225.0#
54	135.4	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.357 ng

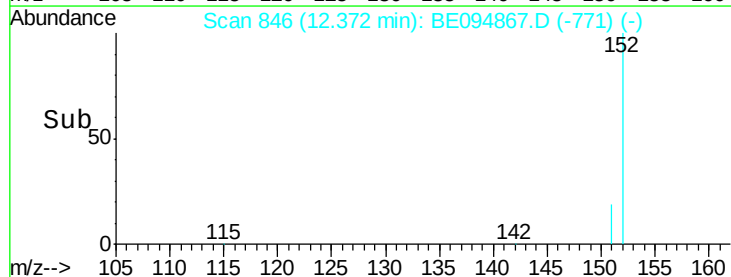
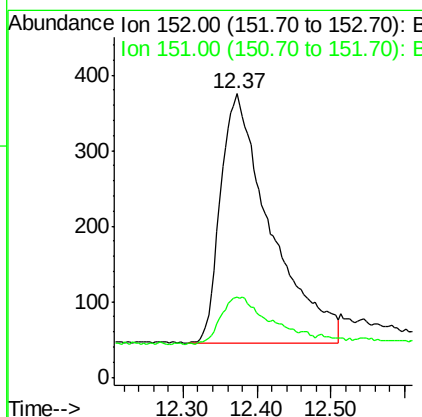
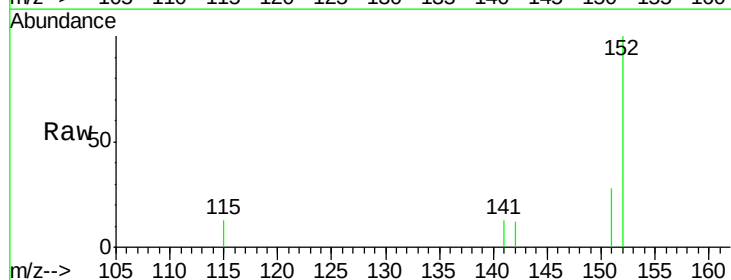
RT: 12.37 min Scan# 846

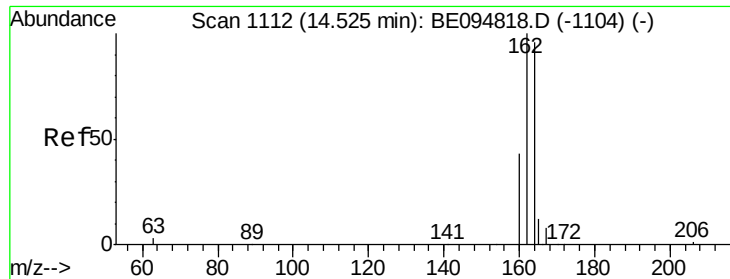
Delta R.T. 0.08 min

Lab File: BE094867.D

Acq: 27 Nov 2017 11:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.6	15.4	23.0





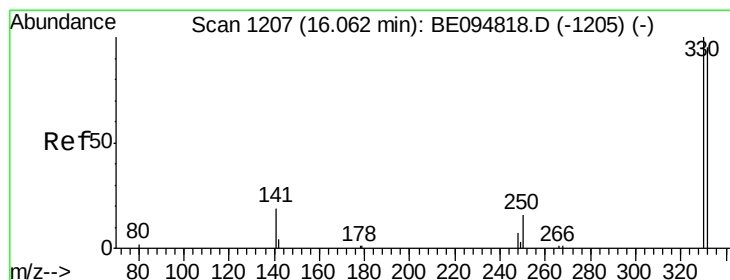
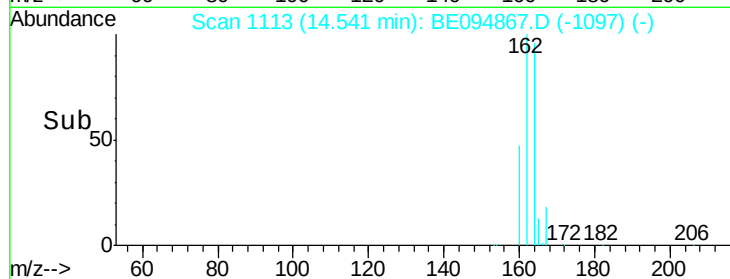
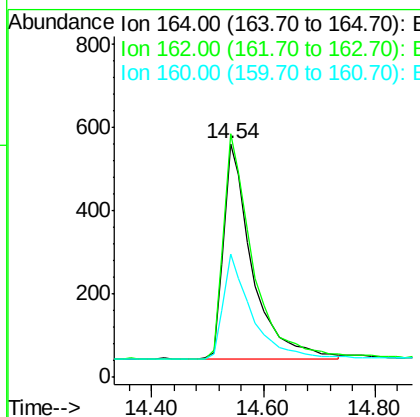
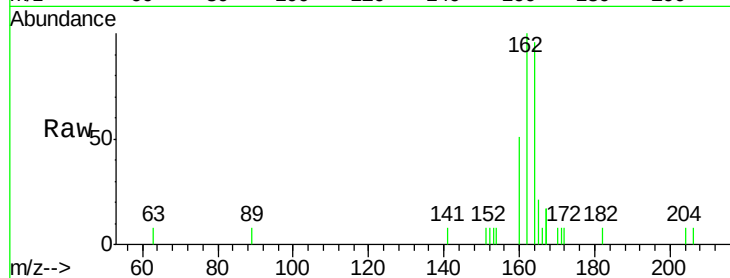
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BE094867.D
 Acq: 27 Nov 2017 11:59

Instrument :
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 ClientSampleId :
 PB104402BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.1	124.7
160	52.7	37.1	55.7

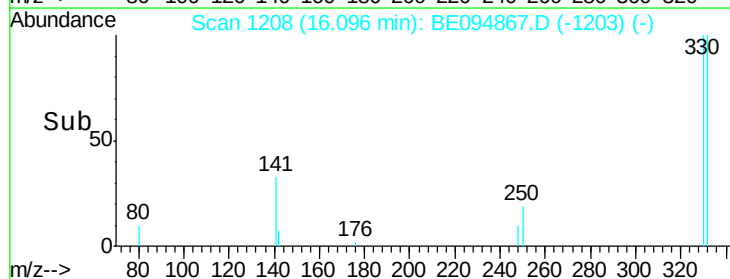
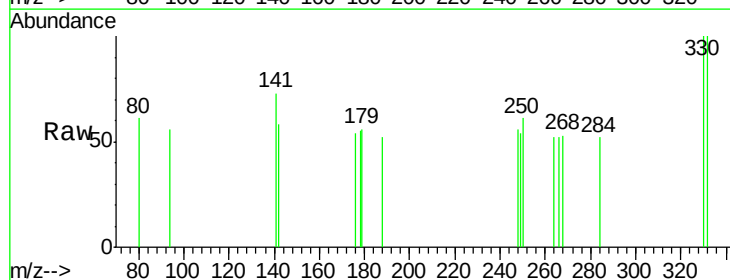
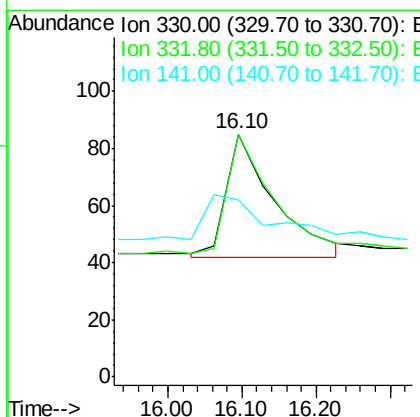
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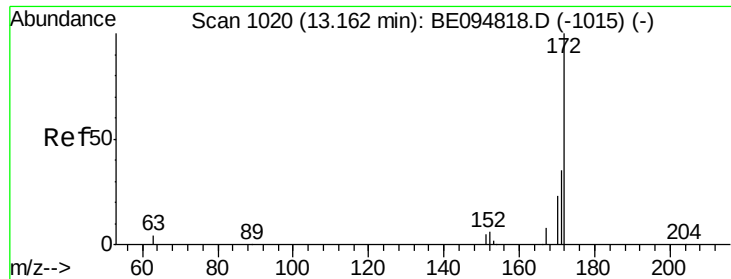
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#14
 2,4,6-Tribromophenol
 Concen: 0.387 ng m
 RT: 16.10 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094867.D
 Acq: 27 Nov 2017 11:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	69.6	152.7	229.1#
141	0.0	33.7	50.5#





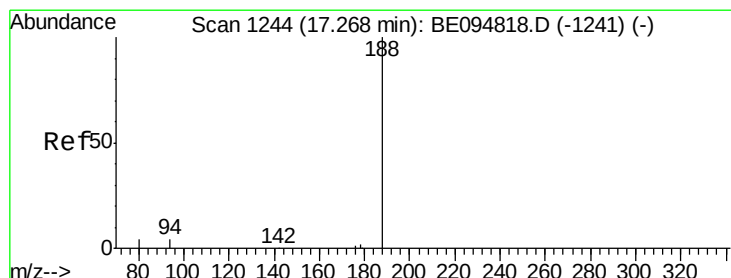
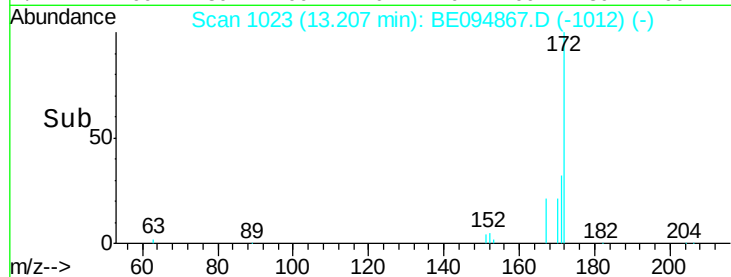
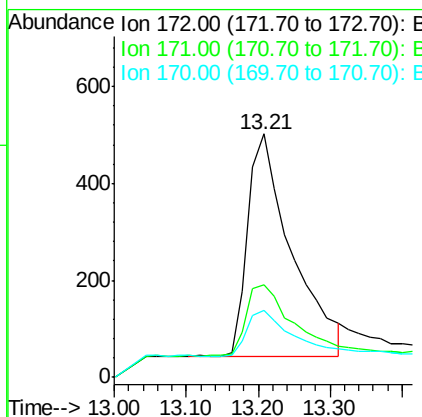
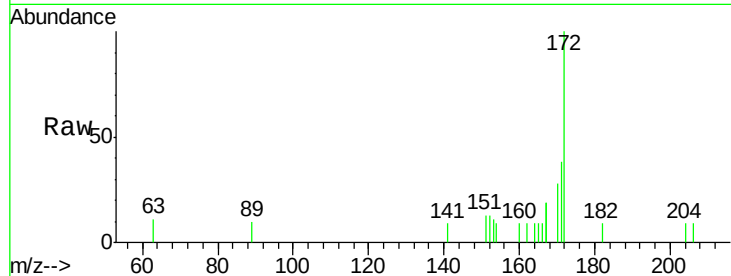
#15
 2-Fluorobiphenyl
 Concen: 0.303 ng
 RT: 13.21 min Scan# 1023
 Delta R.T. 0.06 min
 Lab File: BE094867.D
 Acq: 27 Nov 2017 11:59

Instrument :
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 ClientSampleId :
 PB104402BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	27.7	21.8	32.8

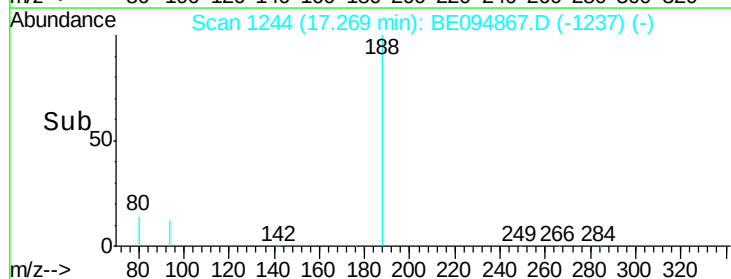
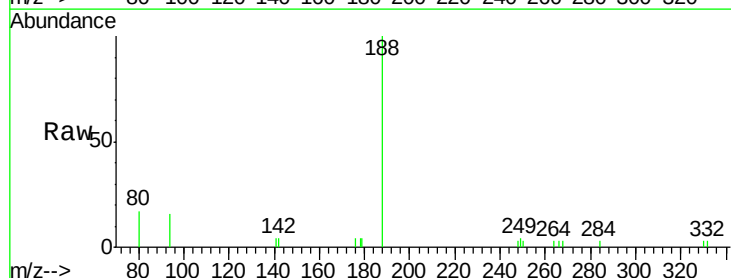
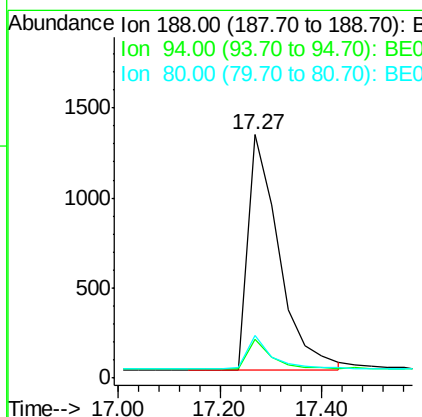
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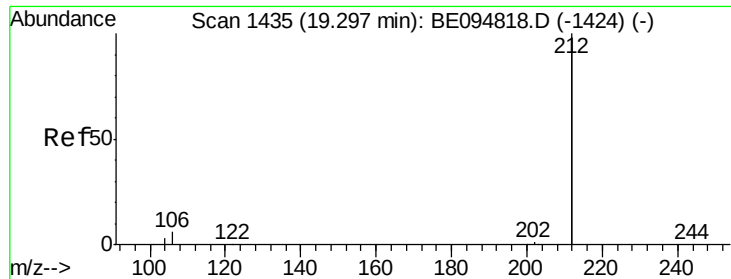
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. 0.03 min
 Lab File: BE094867.D
 Acq: 27 Nov 2017 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.8	3.9	5.9#
80	17.4	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.30 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BE094867.D

Acq: 27 Nov 2017 11:59

Instrument :

BNA_E

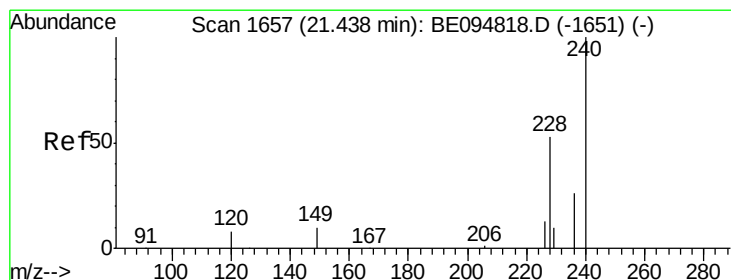
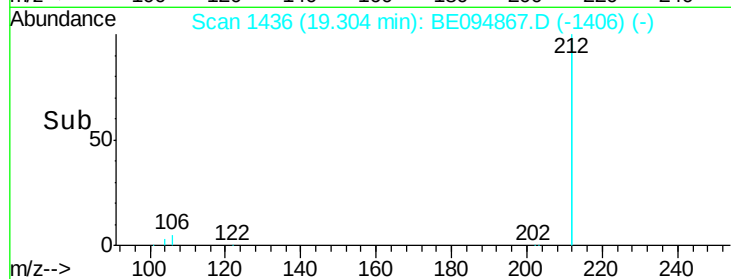
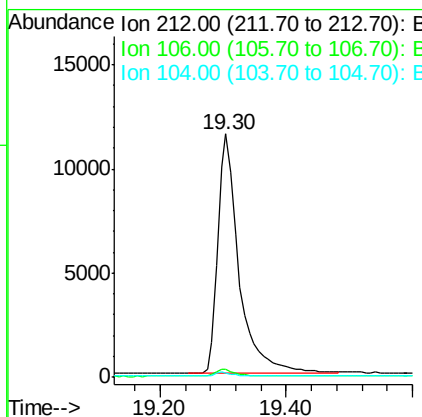
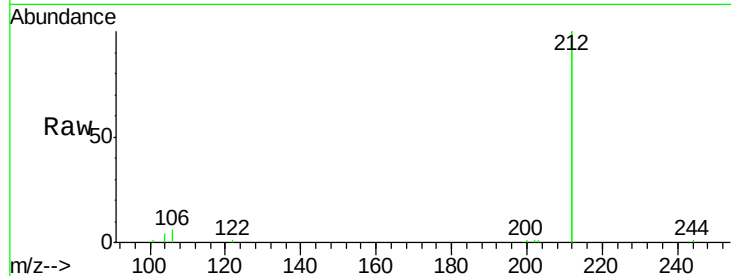
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Tgt Ion:	212	Resp:	26869
Ion Ratio	Lower	Upper	
212	100		
106	3.0	2.8	4.2
104	1.6	1.6	2.4#

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#27

Chrysene-d12

Concen: 0.400 ng

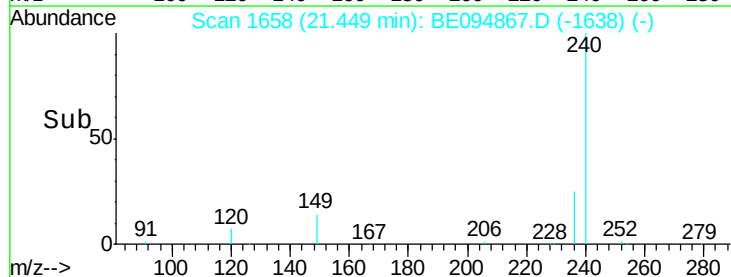
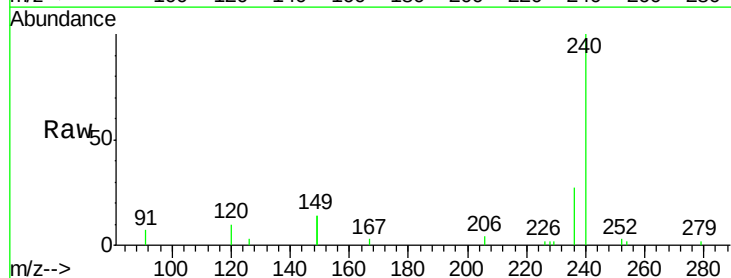
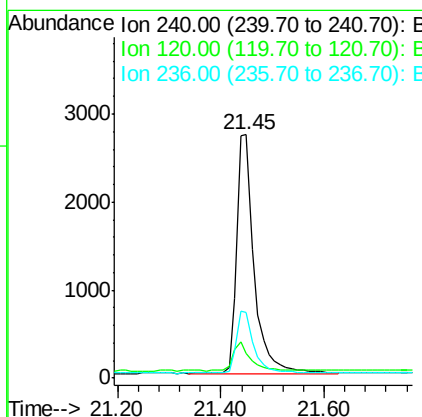
RT: 21.45 min Scan# 1658

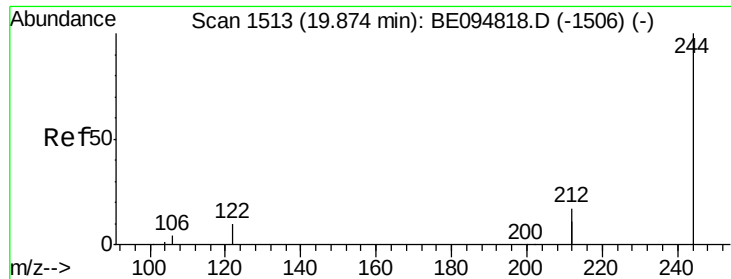
Delta R.T. 0.02 min

Lab File: BE094867.D

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Tgt Ion:	240	Resp:	6338
Ion Ratio	Lower	Upper	
240	100		
120	9.9	5.5	8.3#
236	26.8	20.7	31.1





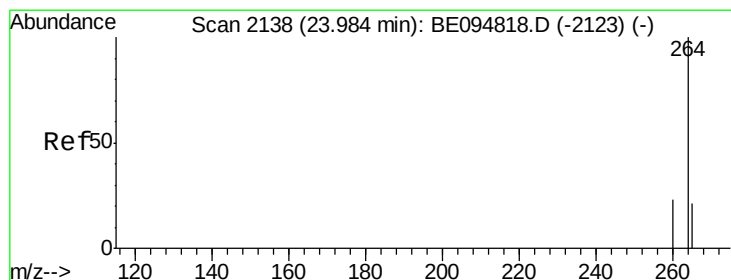
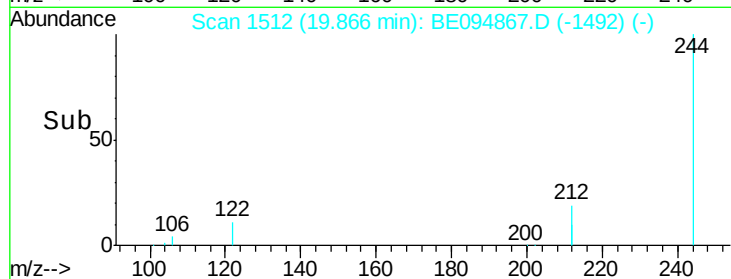
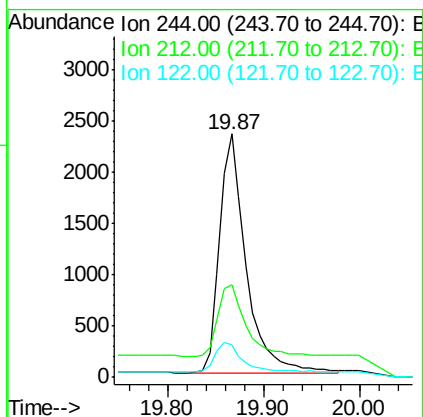
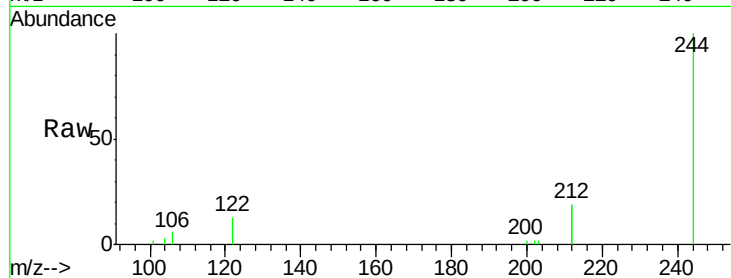
#29
 Terphenyl-d14
 Concen: 0.370 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BE094867.D
 Acq: 27 Nov 2017 11:59

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 PB104402BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	38.2	25.4	38.0
122	13.1	8.1	12.1

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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.98 min Scan# 2137
 Delta R.T. 0.03 min
 Lab File: BE094867.D
 Acq: 27 Nov 2017 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	30.7	22.8	34.2

