

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
 Data File : BE094953.D
 Acq On : 8 Dec 2017 17:47
 Operator : SJ/JU
 Sample : PB104842BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB104842BL

Manual Integrations
 APPROVED

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Quant Time: Dec 09 01:23:03 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	7265	0.40	ng	0.00
7) Naphthalene-d8	11.33	136	15072	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	7388	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	18507	0.40	ng	0.00
27) Chrysene-d12	21.89	240	18305m	0.40	ng	0.00
34) Perylene-d12	24.56	264	16001	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.95	112	3244	0.28	ng	0.00
5) Phenol-d6	7.60	99	4634	0.27	ng	0.00
8) Nitrobenzene-d5	9.66	82	3788	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	7004	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	425	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.71	172	10943	0.35	ng	0.00
25) Fluoranthene-d10	19.76	212	72098	0.29	ng	0.00
29) Terphenyl-d14	20.33	244	13500	0.40	ng	0.00

Target Compounds Qvalue

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

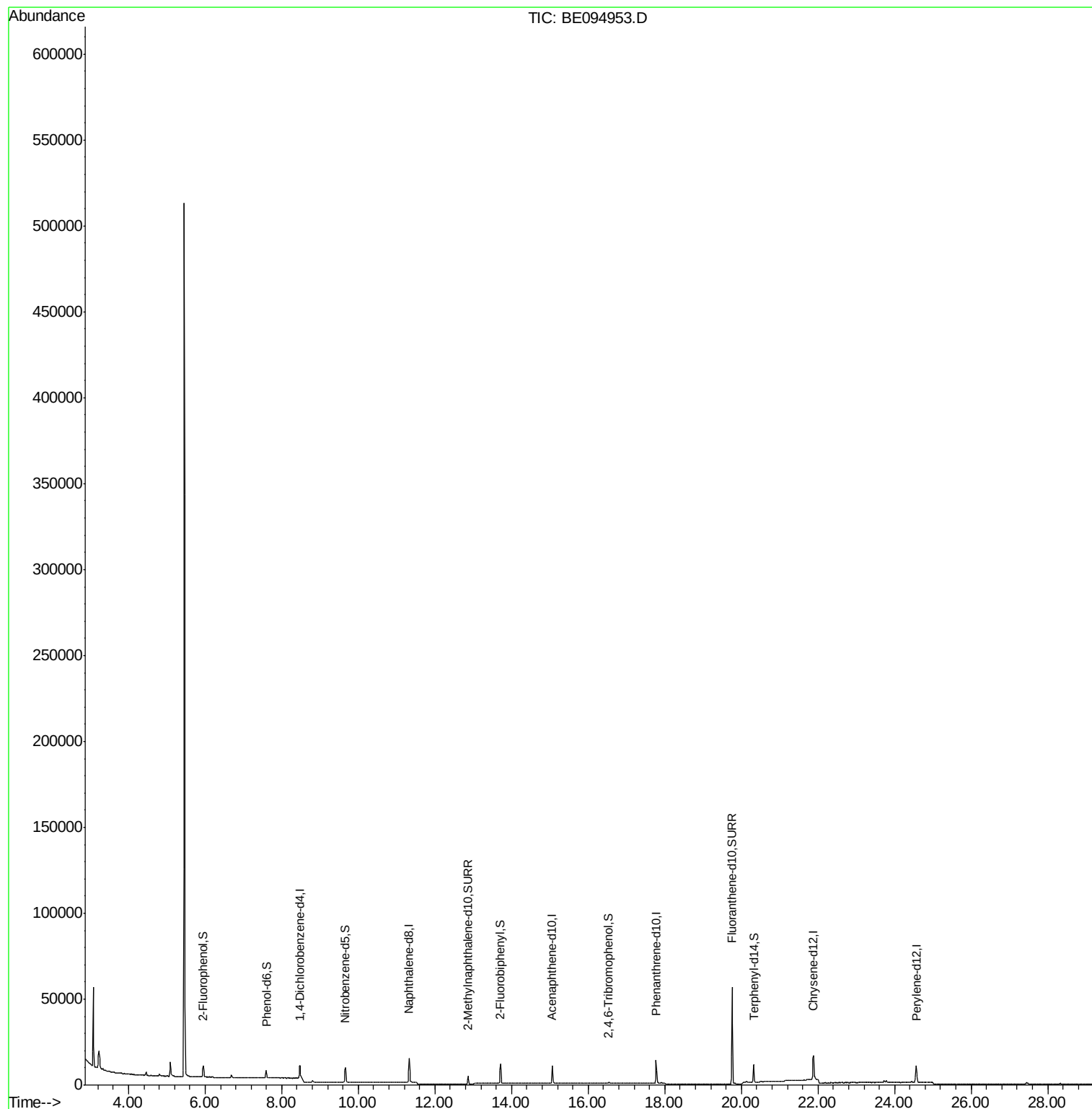
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE120817\
Data File : BE094953.D
Acq On : 8 Dec 2017 17:47
Operator : SJ/JU
Sample : PB104842BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

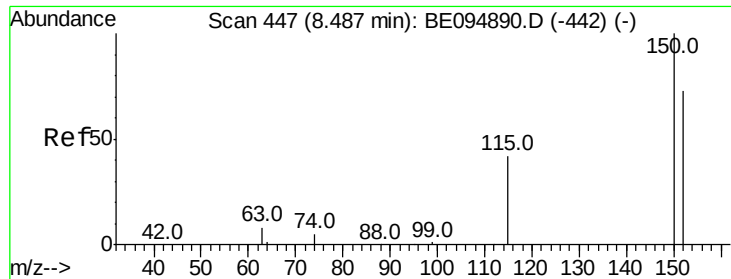
Instrument :
BNA_E
ClientSampleId :
PB104842BL

Manual Integrations
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Sohil
12/11/2017 6:18:02 PM

Quant Time: Dec 09 01:23:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration





#1

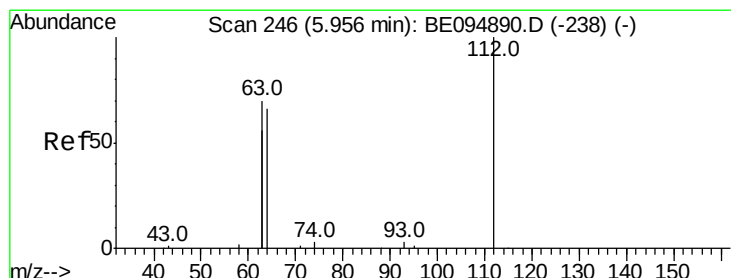
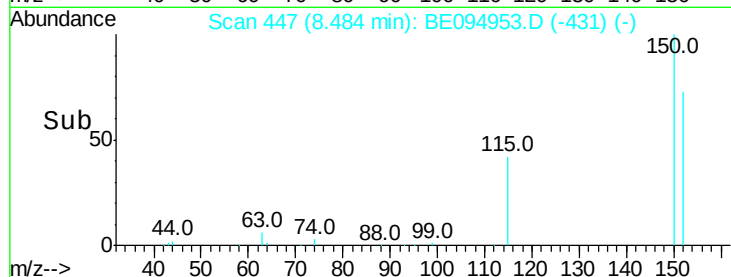
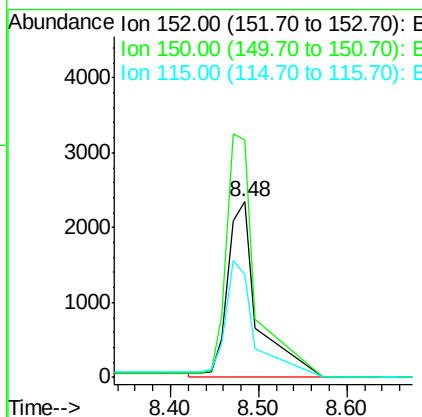
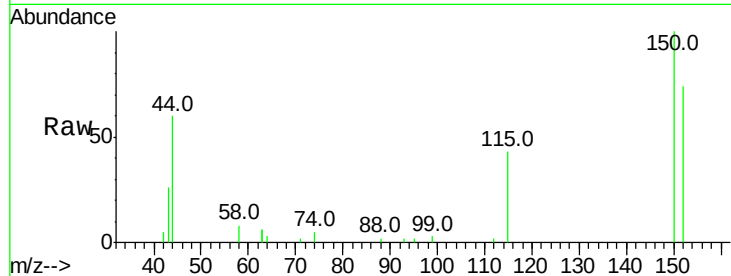
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.48 min Scan# 447
Delta R.T. -0.00 min
Lab File: BE094953.D
Acq: 8 Dec 2017 17:47

Instrument :
BNA_E
ClientSampleId :
PB104842BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.6	117.2	175.8
115	58.8	57.0	85.6

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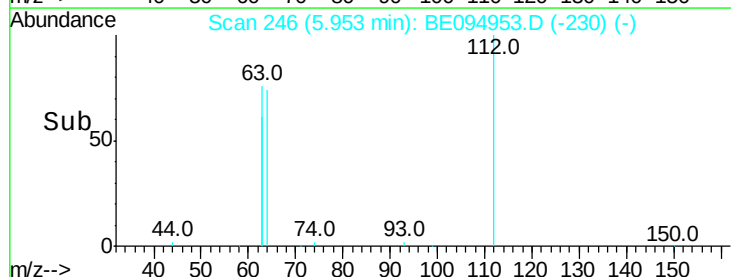
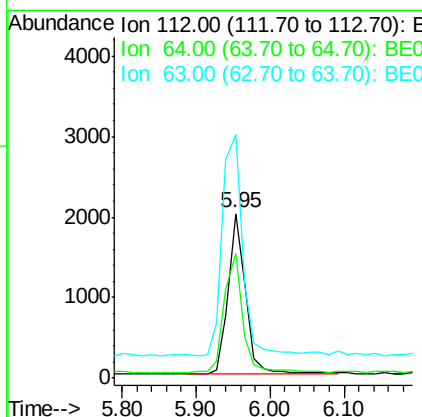
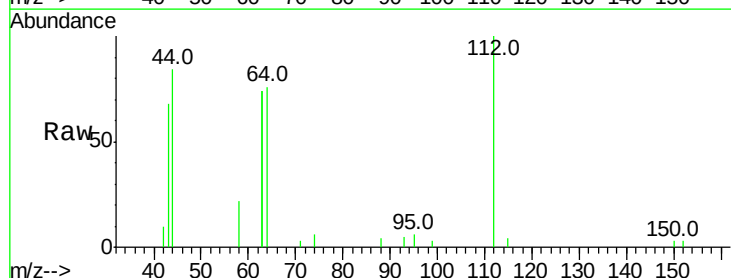
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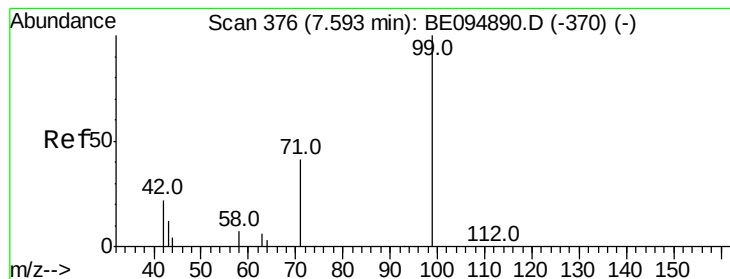


#4

2-Fluorophenol
Concen: 0.282 ng
RT: 5.95 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094953.D
Acq: 8 Dec 2017 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.6	60.1	90.1
63	162.9	116.8	175.2





#5

Phenol-d6

Concen: 0.272 ng

RT: 7.60 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Instrument :

BNA_E

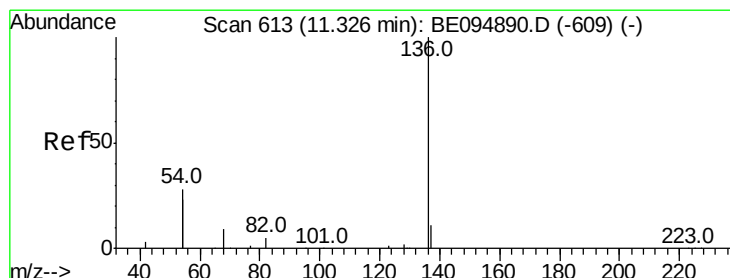
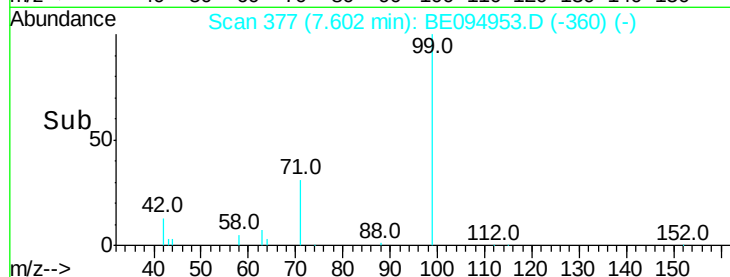
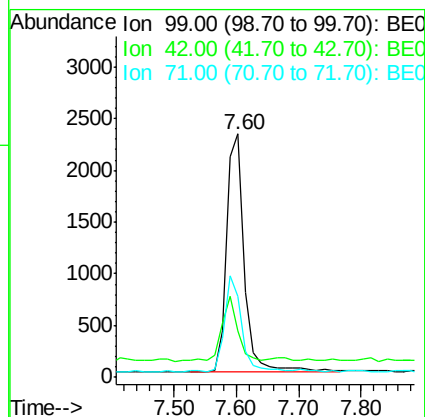
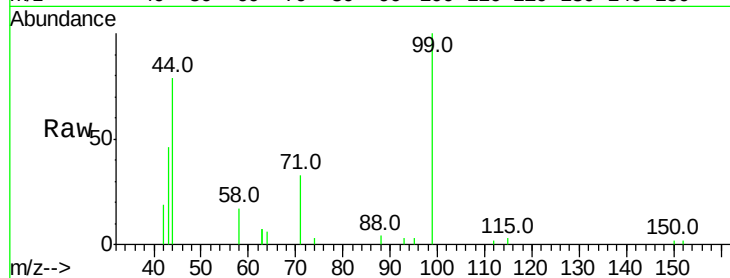
ClientSampleId :

PB104842BL

Tot Ion:	99	Resp:	4634
Ion	Ratio	Lower	Upper
99	100		
42	24.5	20.2	30.2
71	37.9	28.4	42.6

Manual Integrations
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#7

Naphthalene-d8

Concen: 0.400 ng

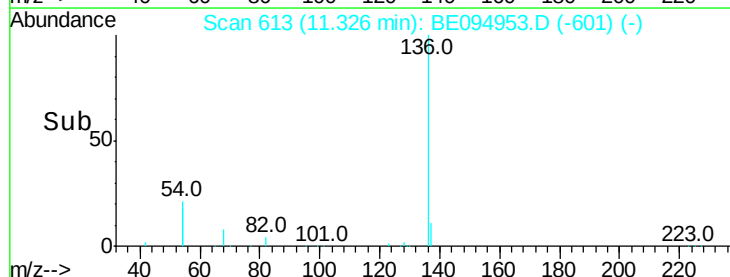
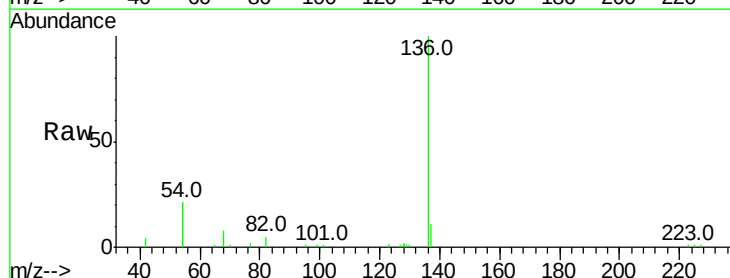
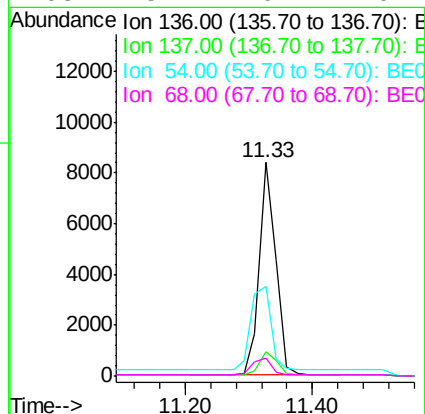
RT: 11.33 min Scan# 613

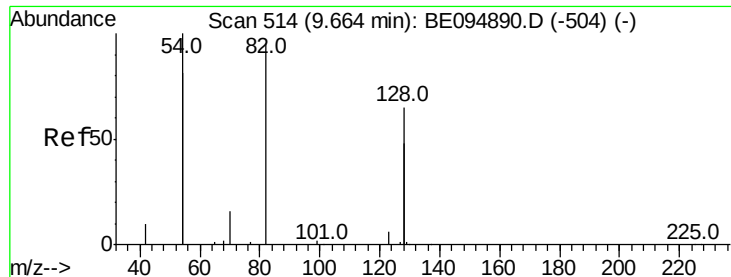
Delta R.T. -0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Tgt Ion:	136	Resp:	15072
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.5	14.3
54	42.1	29.1	43.7
68	8.2	6.2	9.2





#8

Nitrobenzene-d5

Concen: 0.425 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Instrument :

BNA_E

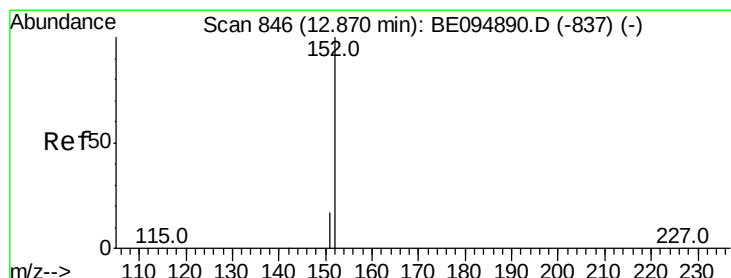
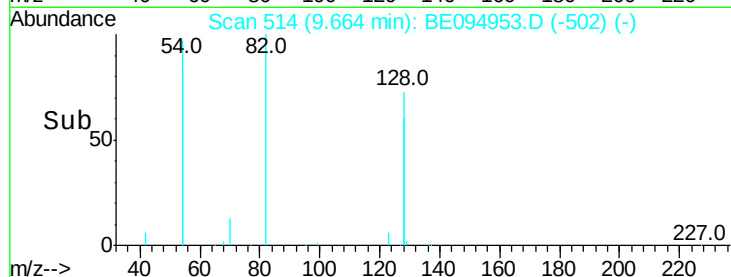
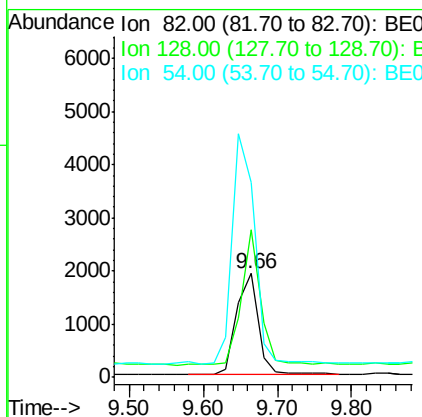
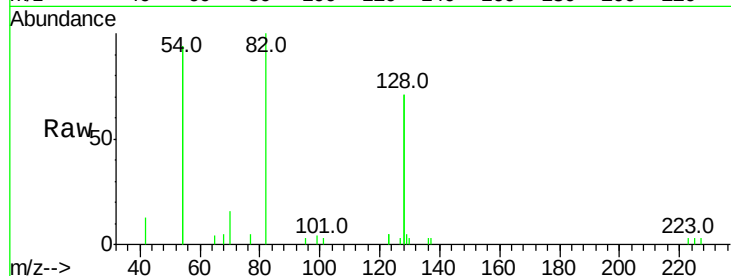
ClientSampleId :

PB104842BL

Tot Ion:	82	Resp:	3788
Ion Ratio	Lower	Upper	
82	100		
128	141.5	150.0	225.0#
54	188.1	154.2	231.4

Manual Integrations
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#11

2-Methylnaphthalene-d10

Concen: 0.291 ng

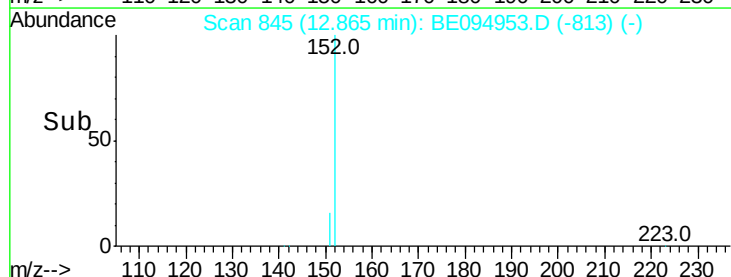
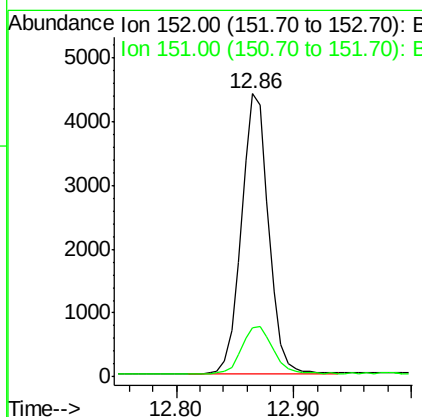
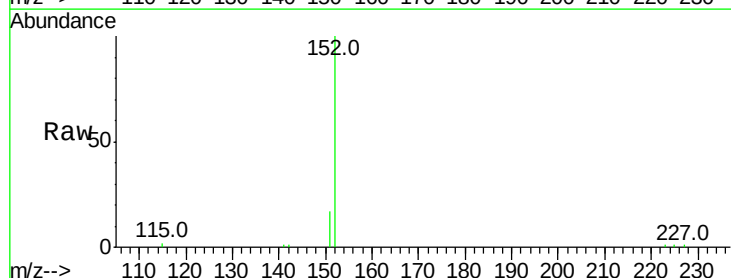
RT: 12.86 min Scan# 845

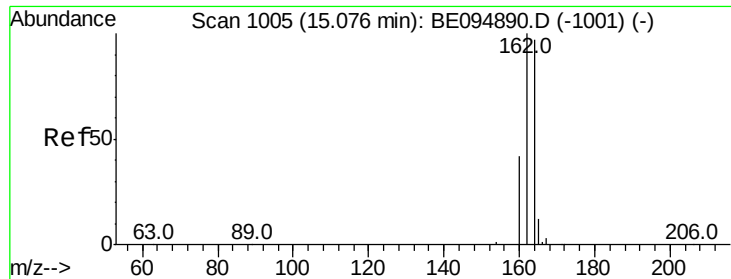
Delta R.T. -0.01 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Tgt Ion:	152	Resp:	7004
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.4	23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Instrument :

BNA_E

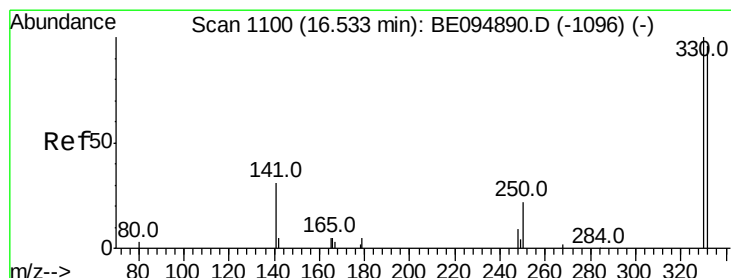
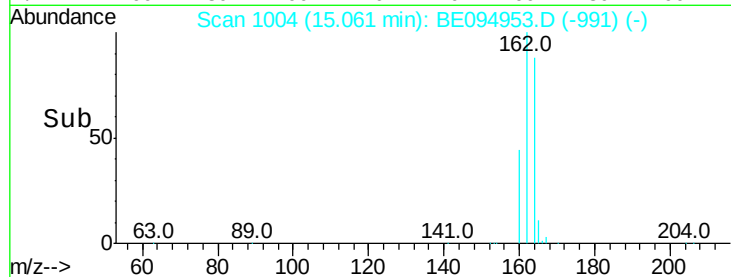
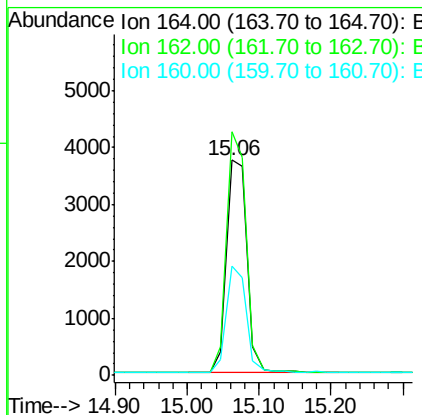
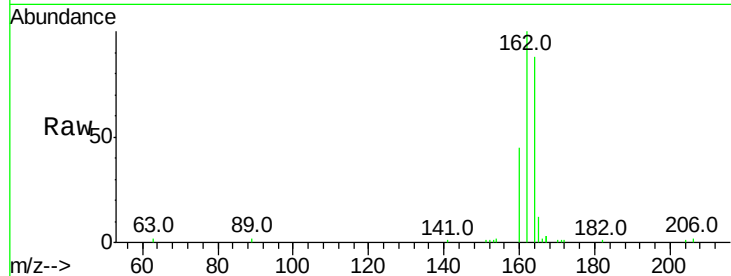
ClientSampleId :

PB104842BL

Tot Ion:	164	Resp:	7388
Ion	Ratio	Lower	Upper
164	100		
162	113.3	83.1	124.7
160	50.8	37.1	55.7

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#14

2,4,6-Tribromophenol

Concen: 0.320 ng

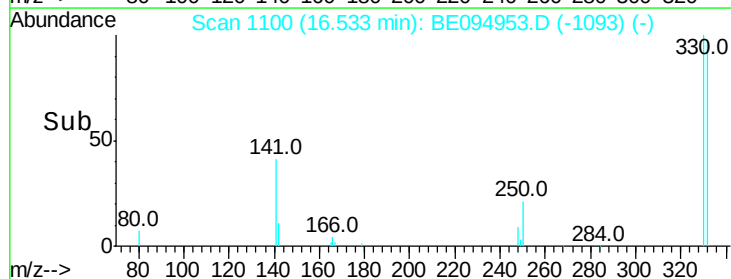
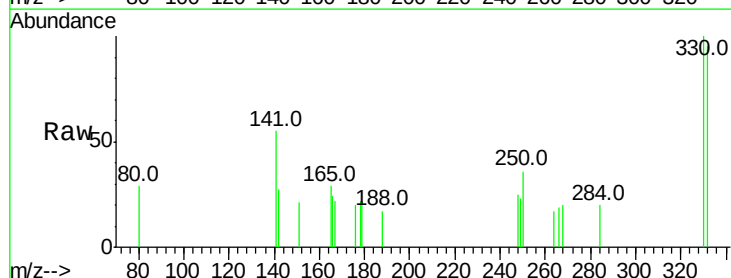
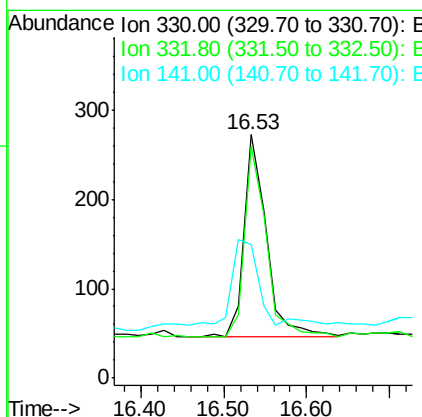
RT: 16.53 min Scan# 1100

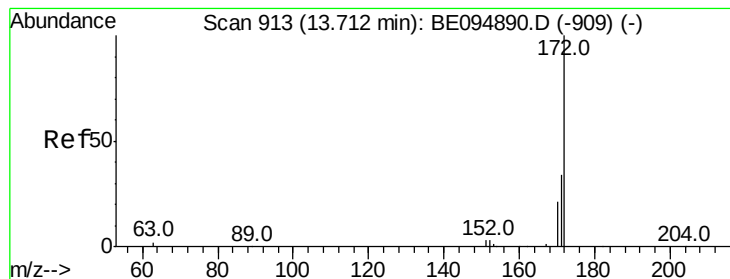
Delta R.T. 0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Tgt Ion:	330	Resp:	425
Ion	Ratio	Lower	Upper
330	100		
332	91.1	152.7	229.1#
141	49.6	33.7	50.5





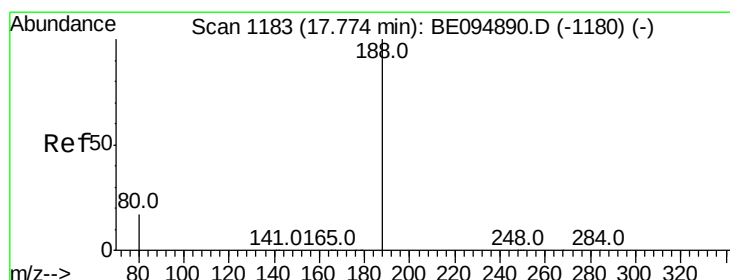
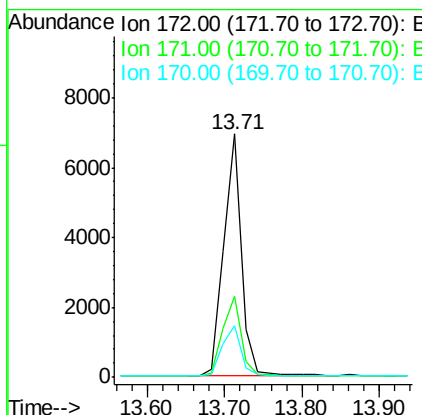
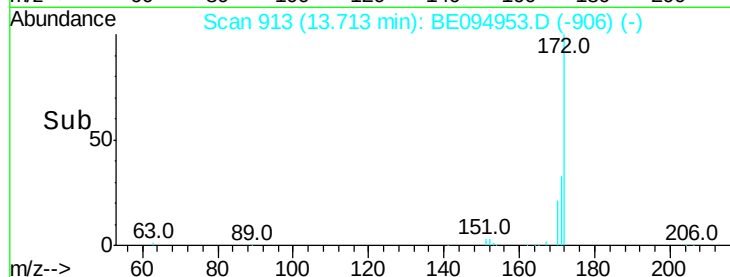
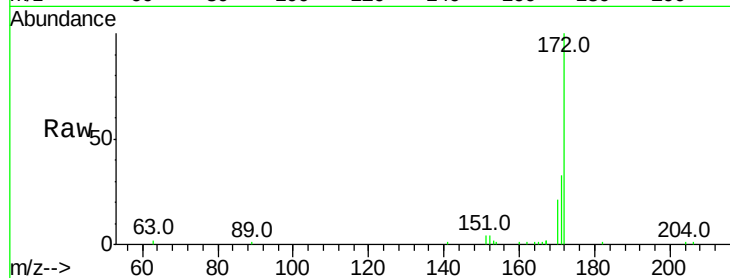
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094953.D
Acq: 8 Dec 2017 17:47

Instrument :
BNA_E
ClientSampleId :
PB104842BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.9	44.9
170	21.1	21.8	32.8#

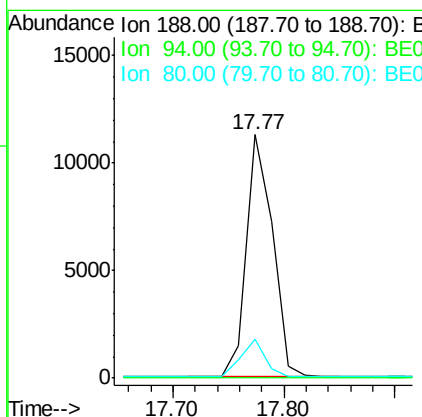
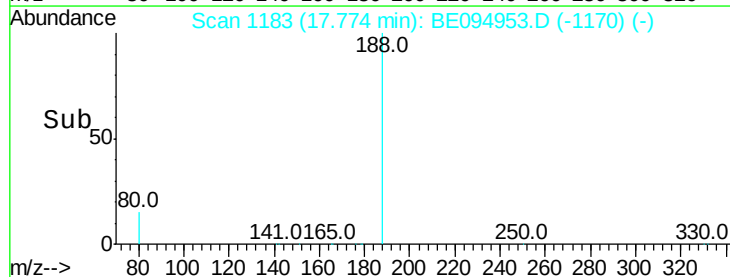
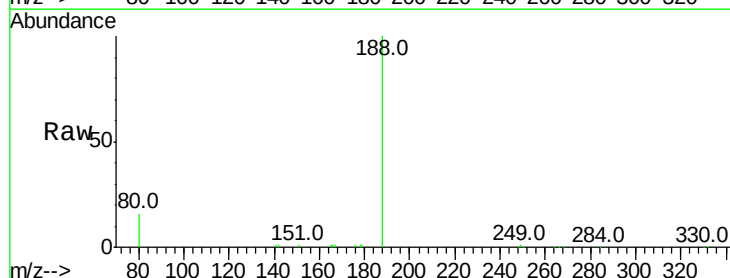
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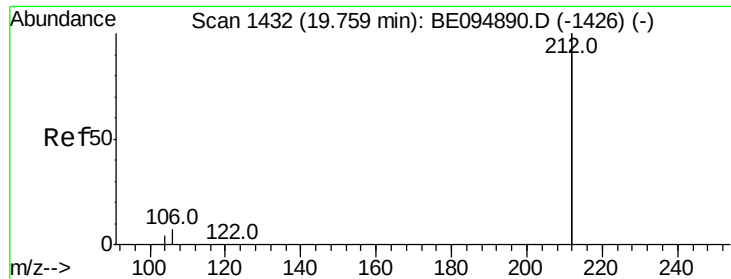
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094953.D
Acq: 8 Dec 2017 17:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.9	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.285 ng

RT: 19.76 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Instrument :

BNA_E

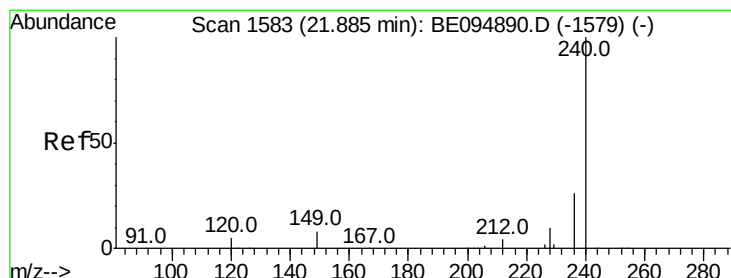
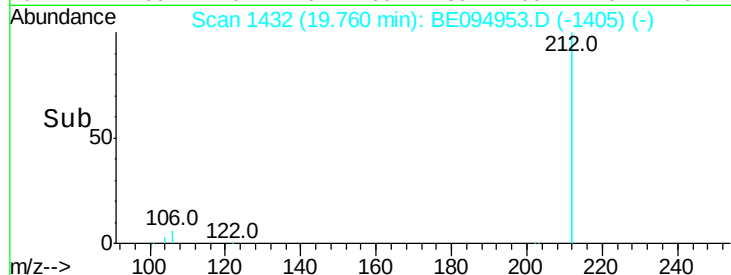
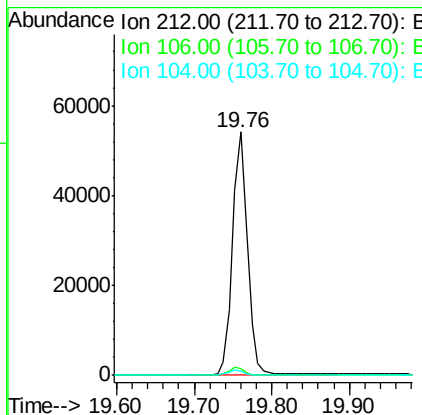
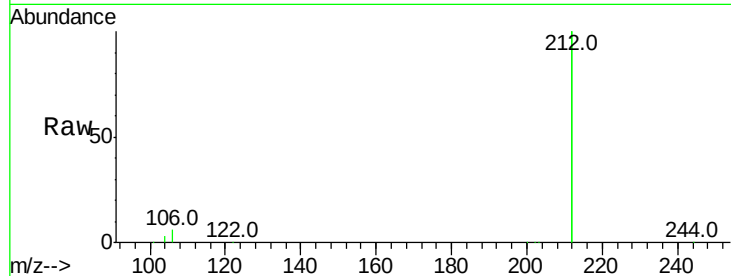
ClientSampleId :

PB104842BL

Tot Ion:	212	Resp:	72098
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	2.0	1.6	2.4

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#27

Chrysene-d12

Concen: 0.400 ng m

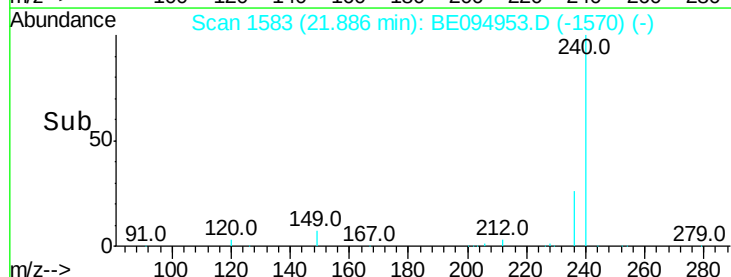
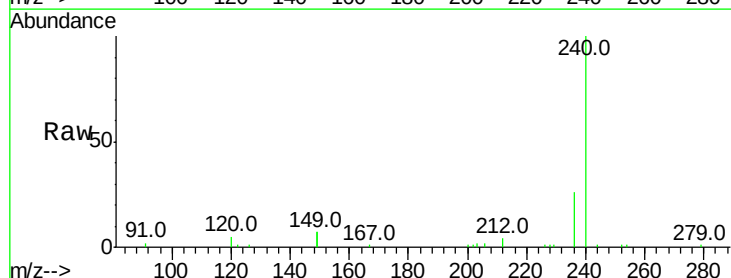
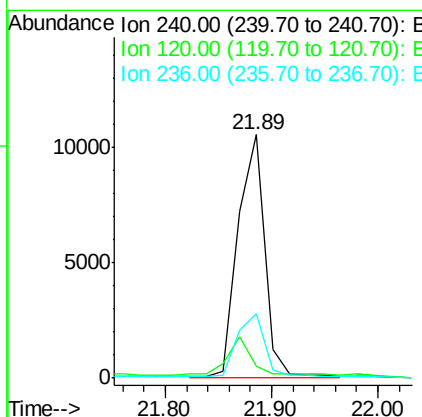
RT: 21.89 min Scan# 1583

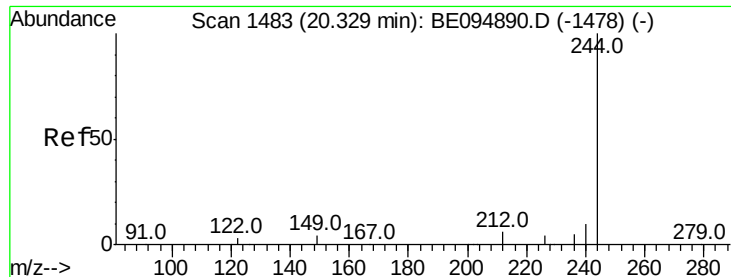
Delta R.T. 0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Tgt Ion:	240	Resp:	18305
Ion Ratio	Lower	Upper	
240	100		
120	4.8	5.5	8.3#
236	26.5	20.7	31.1





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 20.33 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Instrument :

BNA_E

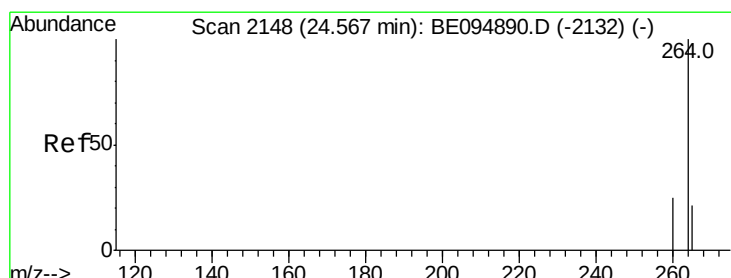
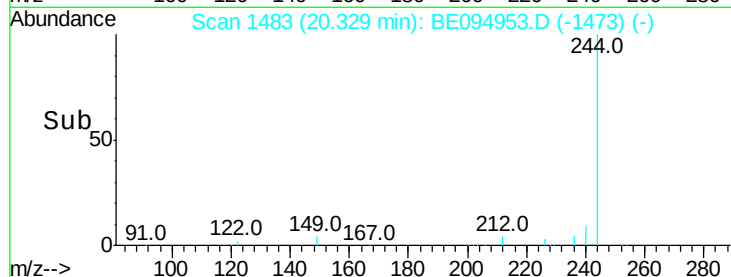
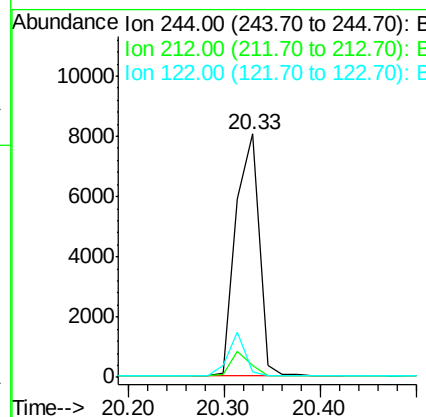
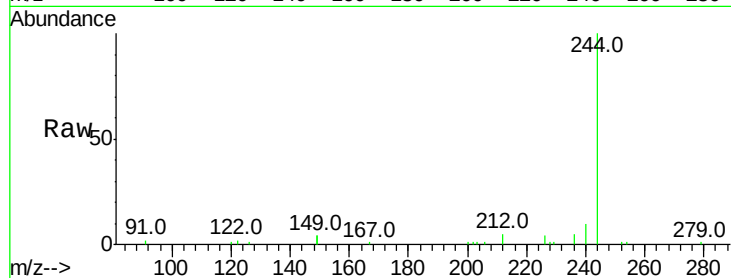
ClientSampled :

PB104842BL

Tot Ion:	244	Resp:	13500
Ion Ratio	Lower	Upper	
244	100		
212	5.1	25.4	38.0#
122	2.4	8.1	12.1#

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#34

Perylene-d12

Concen: 0.400 ng

RT: 24.56 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BE094953.D

Acq: 8 Dec 2017 17:47

Tgt Ion:	264	Resp:	16001
Ion Ratio	Lower	Upper	
264	100		
260	25.1	20.5	30.7
265	33.0	22.8	34.2

