

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
 Data File : BE094504.D
 Acq On : 23 Oct 2017 20:24
 Operator : SJ/JU
 Sample : PB103539TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB103539TB

Manual Integrations
 APPROVED

Sohil
 10/24/2017 8:46:52 PM

Quant Time: Oct 23 22:45:16 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 19:31:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1141	0.40	ng	0.00
7) Naphthalene-d8	10.74	136	5577	0.40	ng	0.03
13) Acenaphthene-d10	14.54	164	3747	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	9556	0.40	ng	0.03
27) Chrysene-d12	21.44	240	9386	0.40	ng	0.01
34) Perylene-d12	23.95	264	8956	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	909	0.23	ng	0.00
5) Phenol-d6	7.23	99	1073	0.18	ng	0.09
8) Nitrobenzene-d5	9.15	82	826	0.19	ng	0.07
11) 2-Methylnaphthalene-d10	12.34	152	2401	0.27	ng	0.05
14) 2,4,6-Tribromophenol	16.09	330	172m	0.17	ng	0.06
15) 2-Fluorobiphenyl	13.19	172	2990	0.23	ng	0.04
25) Fluoranthene-d10	19.30	212	26795	0.19	ng	0.02
29) Terphenyl-d14	19.87	244	4194	0.24	ng	0.00

Target Compounds Qvalue

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

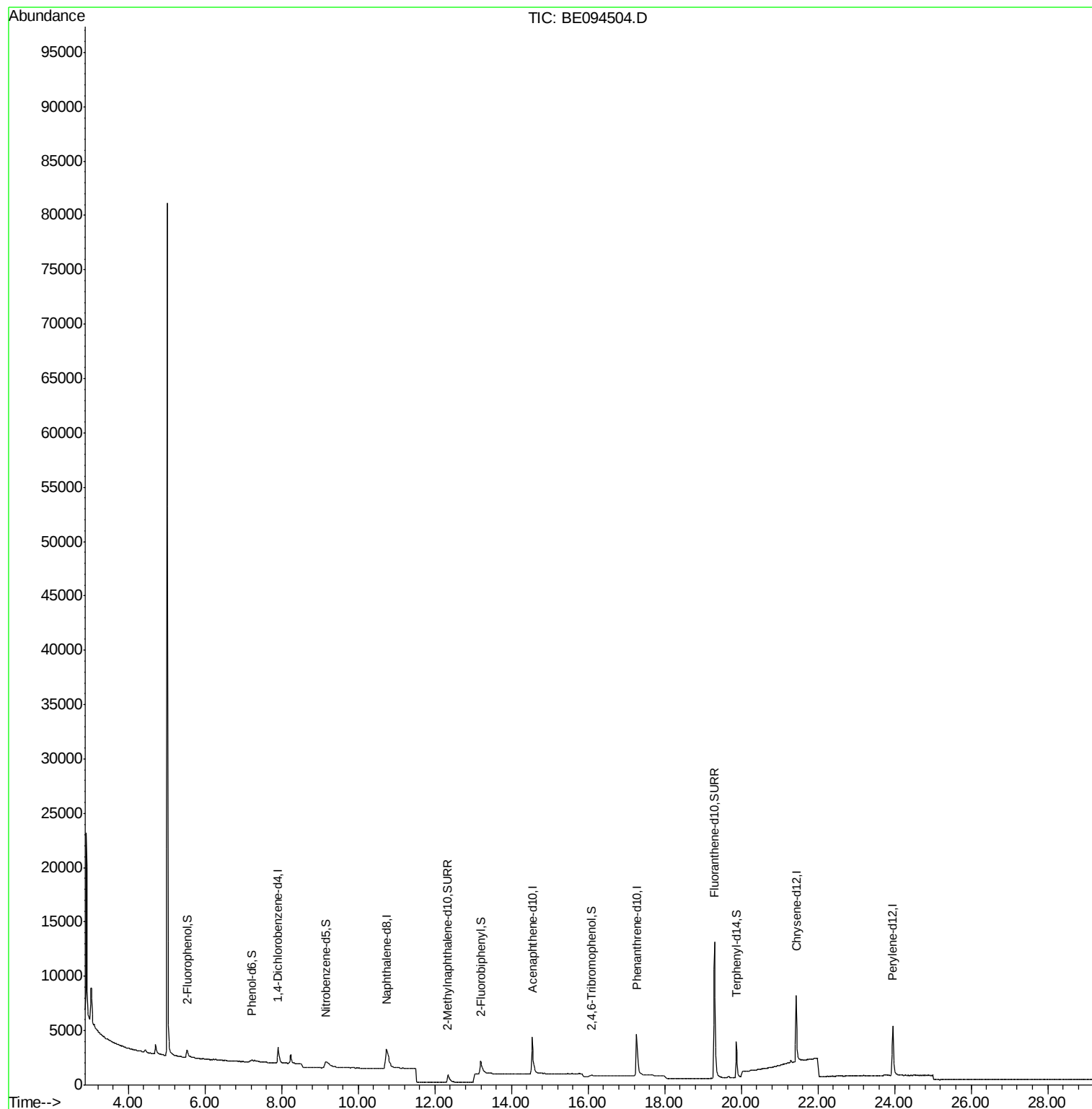
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102317\
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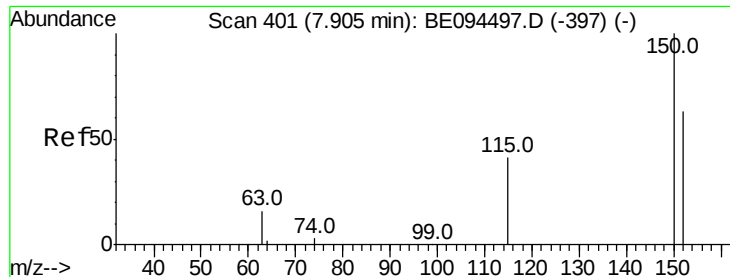
Instrument :
BNA_E
ClientSampleId :
PB103539TB

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#1

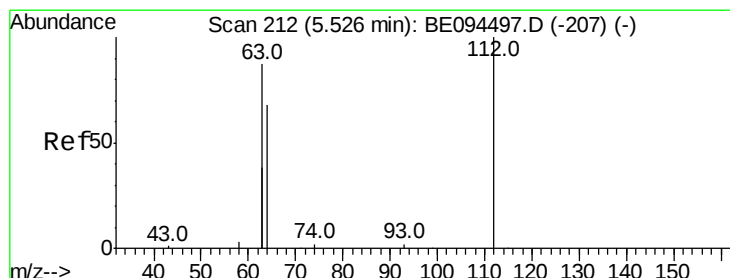
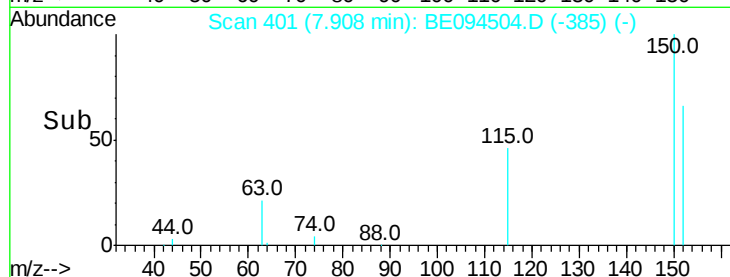
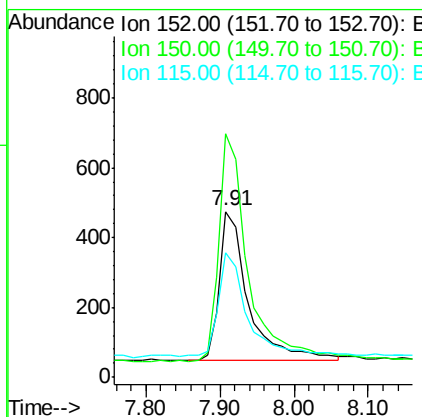
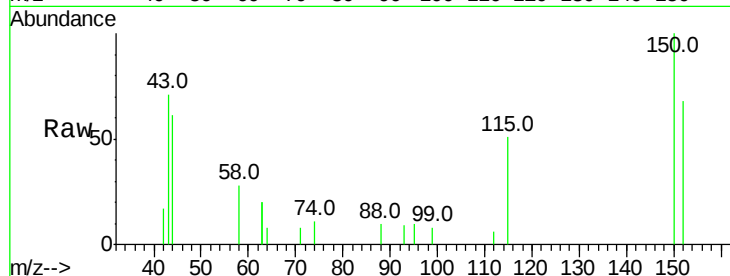
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 401
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Instrument :
BNA_E
ClientSampleId :
PB103539TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	117.2	175.8
115	75.4	57.0	85.6

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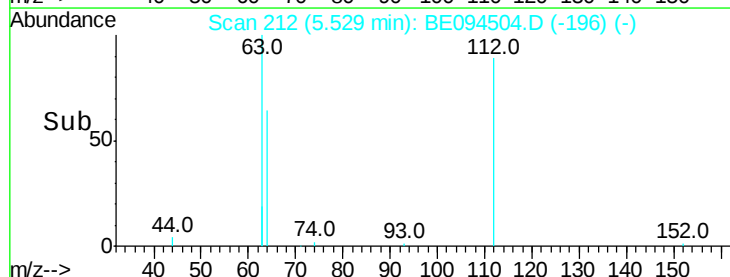
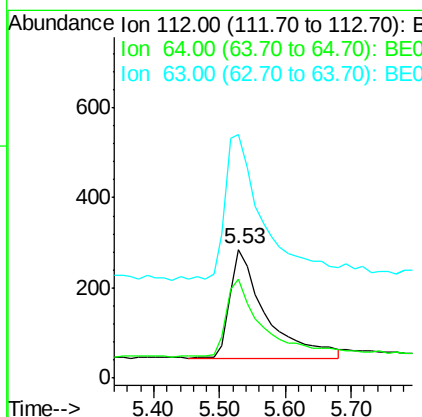
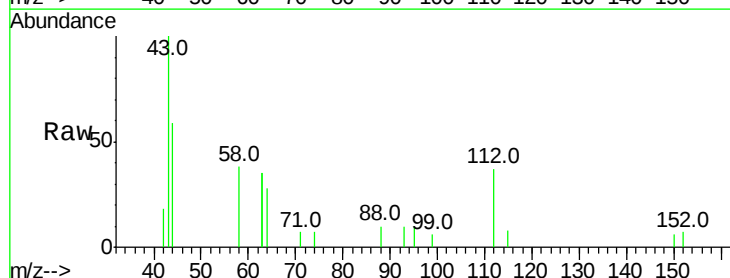
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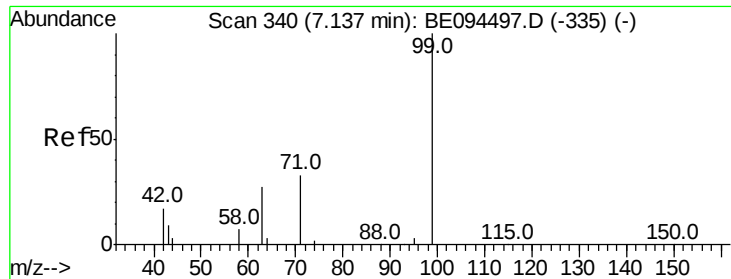


#4

2-Fluorophenol
Concen: 0.233 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.5	60.1	90.1
63	146.8	116.8	175.2





#5

Phenol-d6

Concen: 0.182 ng

RT: 7.23 min Scan# 347

Delta R.T. 0.09 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Instrument :

BNA_E

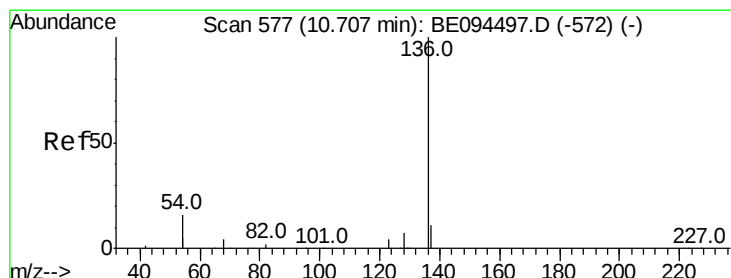
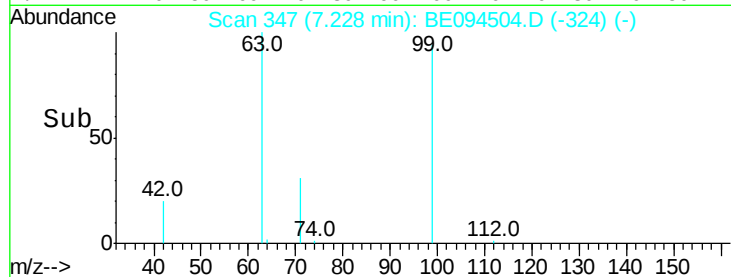
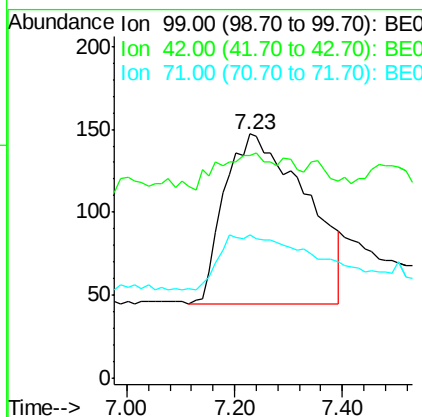
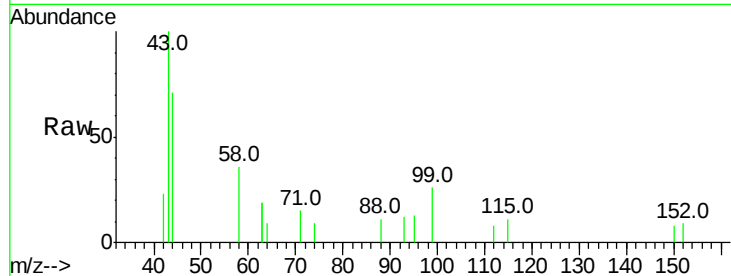
ClientSampled :

PB103539TB

Tot Ion:	99	Resp:	1073
Ion	Ratio	Lower	Upper
99	100		
42	14.3	20.2	30.2#
71	0.0	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

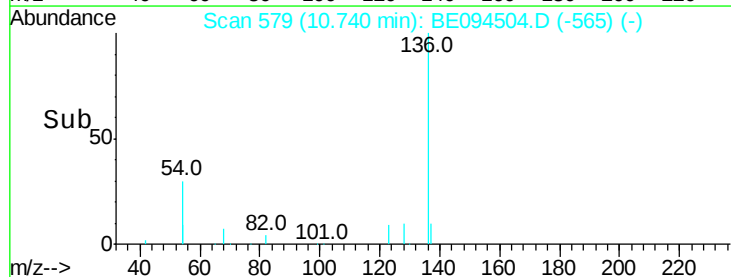
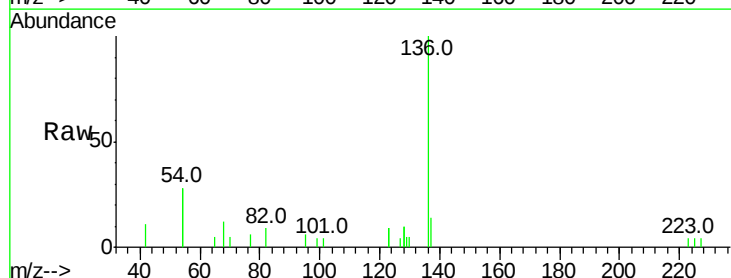
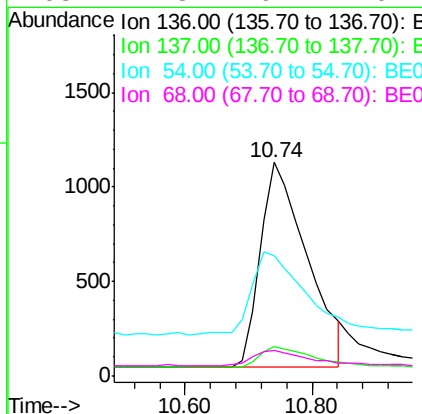
RT: 10.74 min Scan# 579

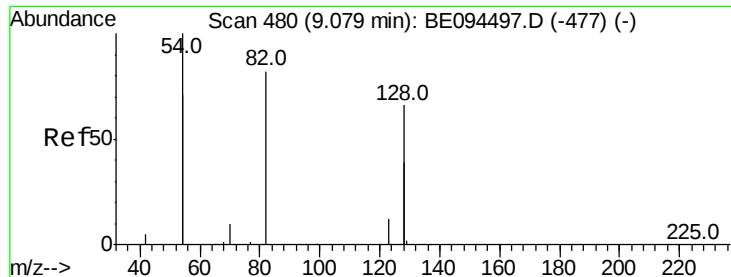
Delta R.T. 0.03 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Tgt Ion:	136	Resp:	5577
Ion	Ratio	Lower	Upper
136	100		
137	14.1	9.5	14.3
54	56.6	29.1	43.7#
68	11.8	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.186 ng

RT: 9.15 min Scan# 484

Delta R.T. 0.07 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Instrument :

BNA_E

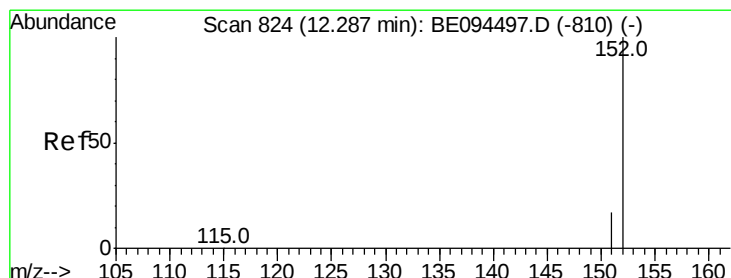
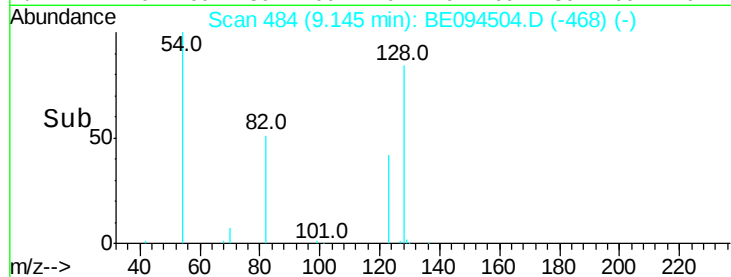
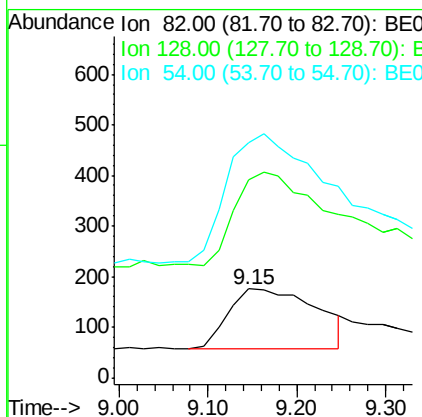
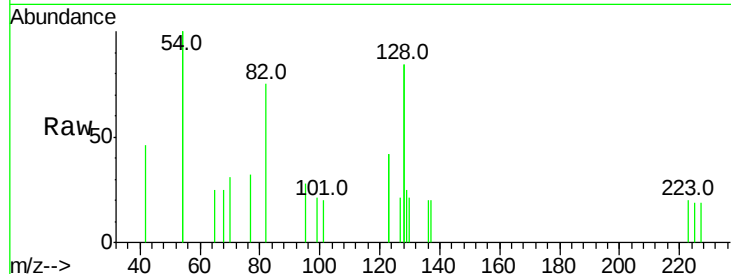
ClientSampleId :

PB103539TB

Tot Ion:	82	Resp:	826
Ion Ratio	Lower	Upper	
82	100		
128	224.0	150.0	225.0
54	265.1	154.2	231.4#

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#11

2-Methylnaphthalene-d10

Concen: 0.268 ng

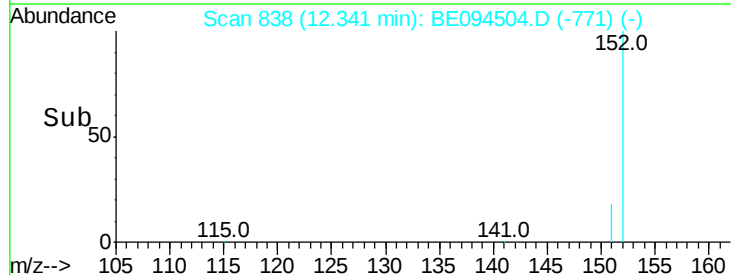
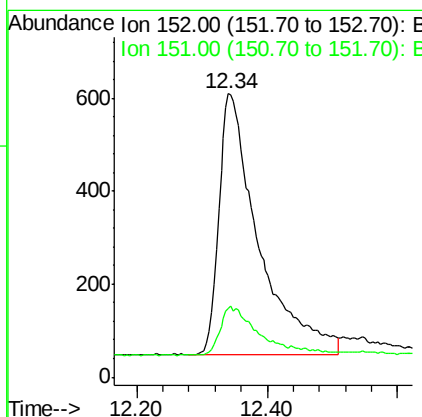
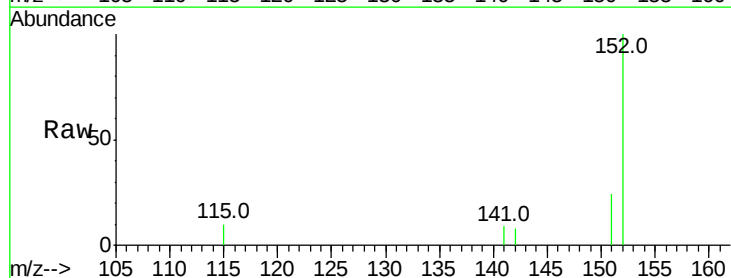
RT: 12.34 min Scan# 838

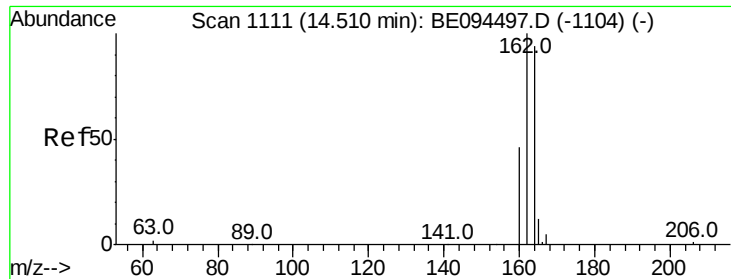
Delta R.T. 0.05 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Tgt Ion:	152	Resp:	2401
Ion Ratio	Lower	Upper	
152	100		
151	16.5	15.4	23.0





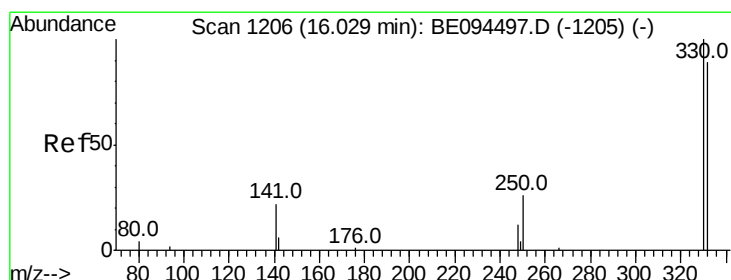
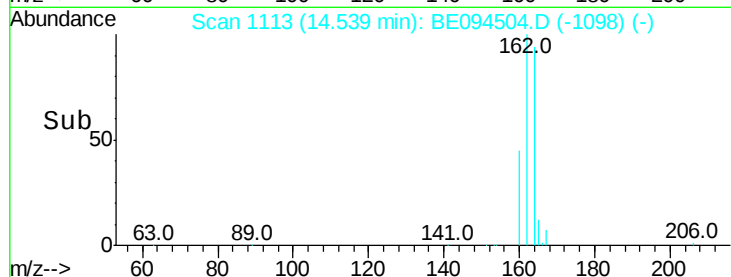
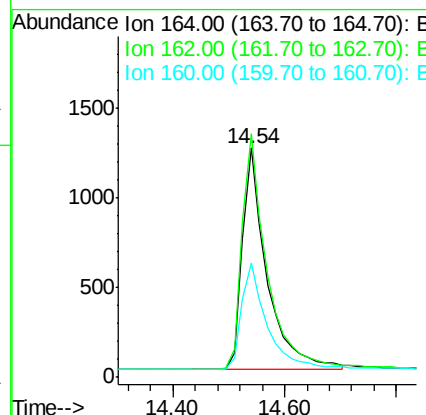
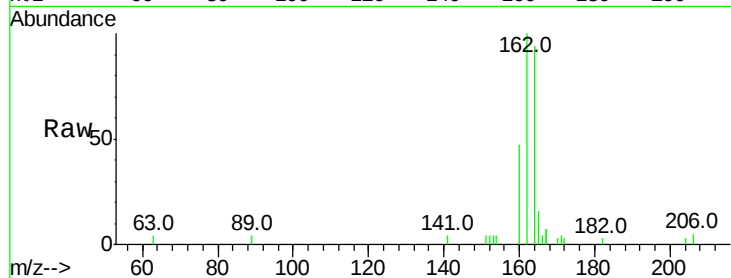
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BE094504.D
 Acq: 23 Oct 2017 20:24

Instrument :
 BNA_E
 ClientSampleId :
 PB103539TB

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.1	124.7
160	49.6	37.1	55.7

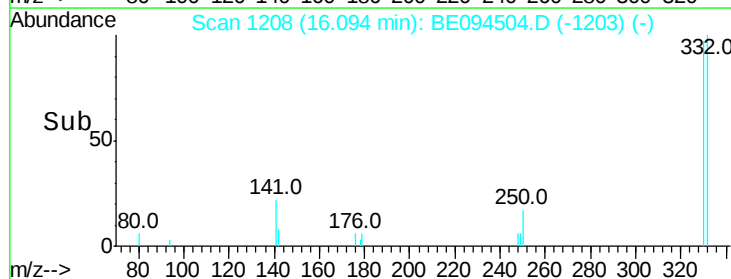
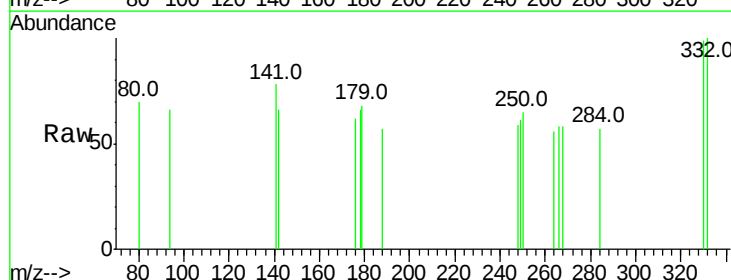
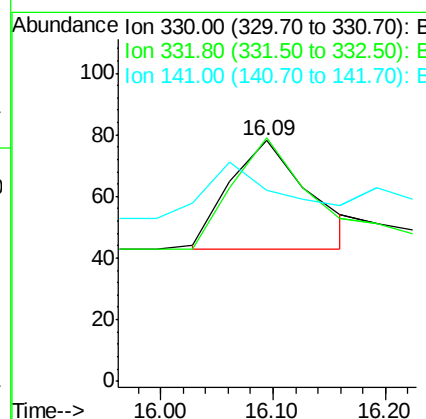
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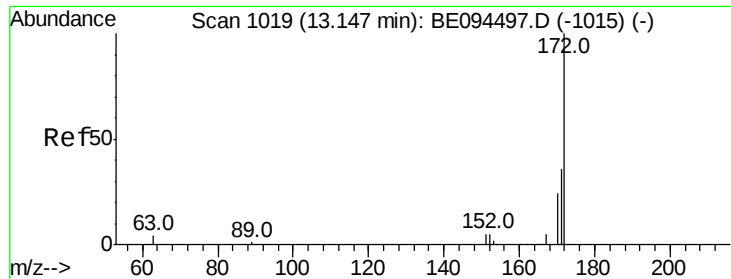
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#14
 2,4,6-Tribromophenol
 Concen: 0.166 ng m
 RT: 16.09 min Scan# 1208
 Delta R.T. 0.06 min
 Lab File: BE094504.D
 Acq: 23 Oct 2017 20:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	86.6	152.7	229.1#
141	0.0	33.7	50.5#





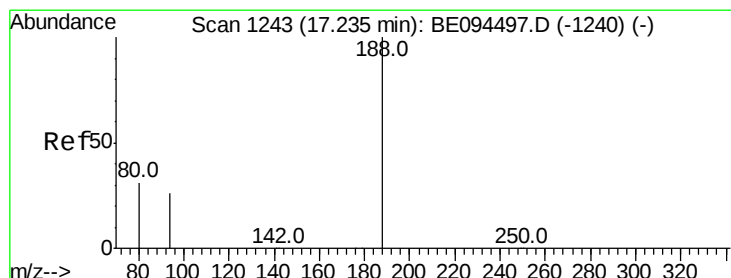
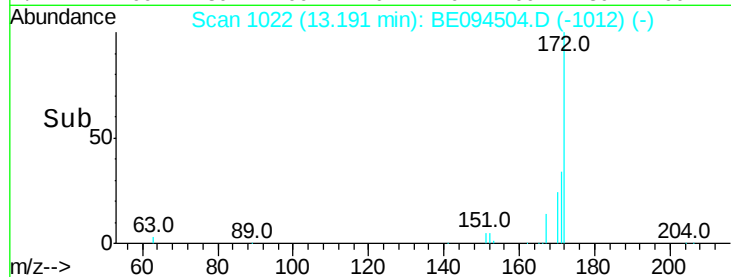
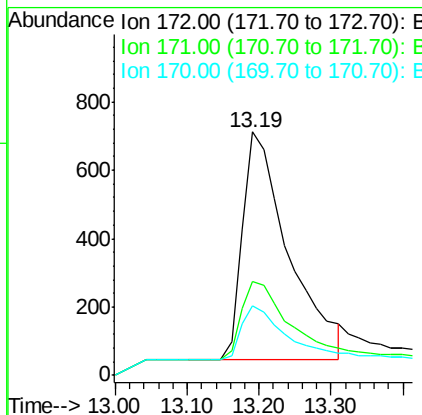
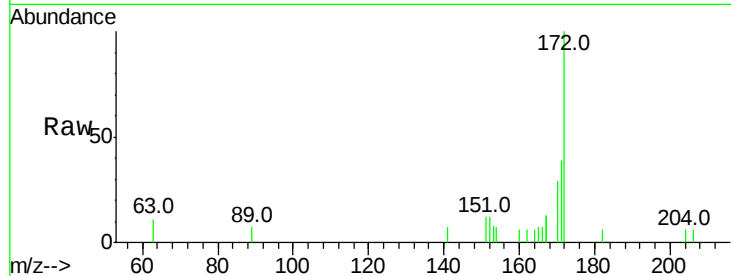
#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.04 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Instrument :
BNA_E
ClientSampleId :
PB103539TB

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.9	44.9
170	28.5	21.8	32.8

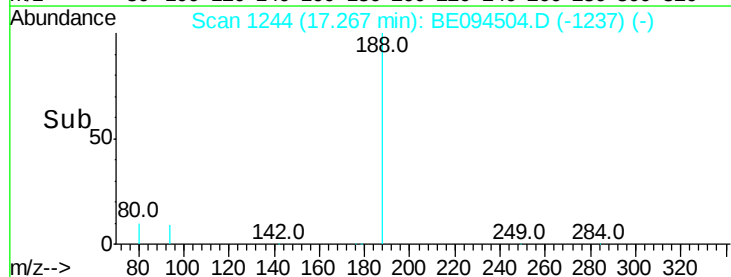
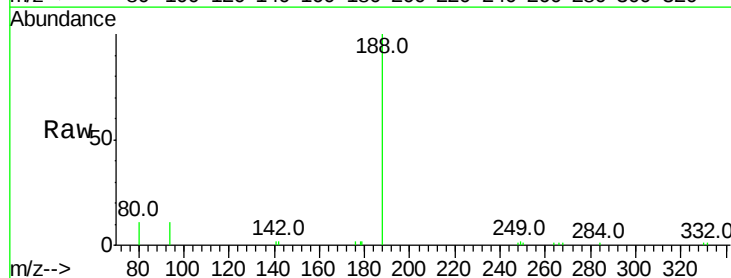
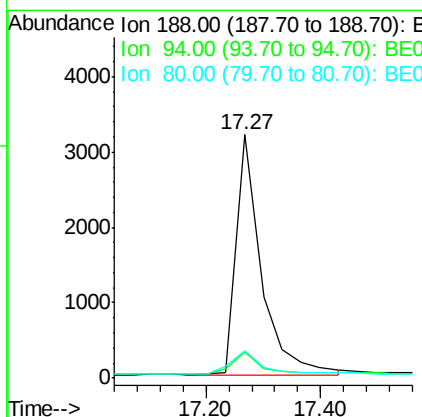
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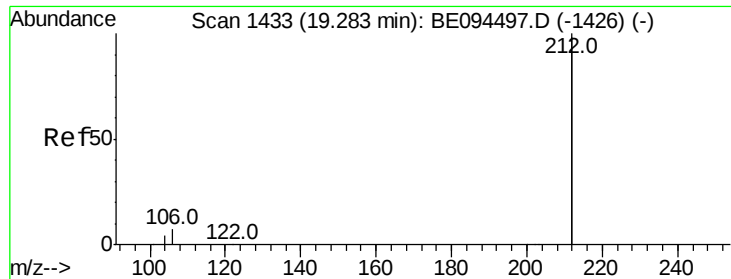
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094504.D
Acq: 23 Oct 2017 20:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	3.9	5.9#
80	11.4	3.6	5.4#





#25

Fluoranthene-d10

Concen: 0.188 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.02 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Instrument :

BNA_E

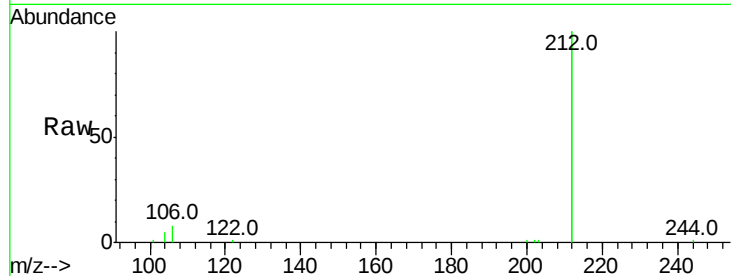
ClientSampleId :

PB103539TB

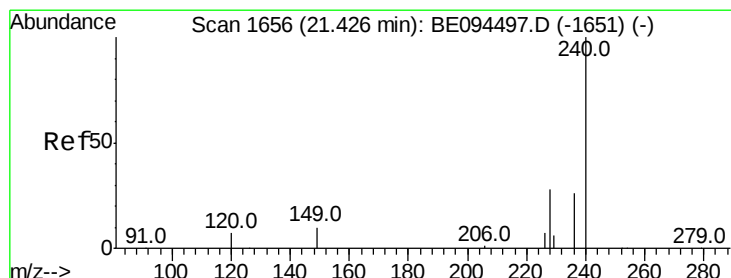
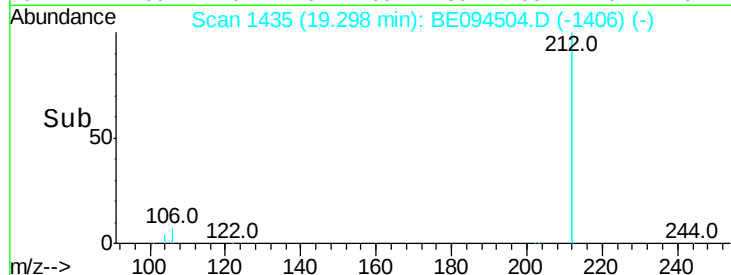
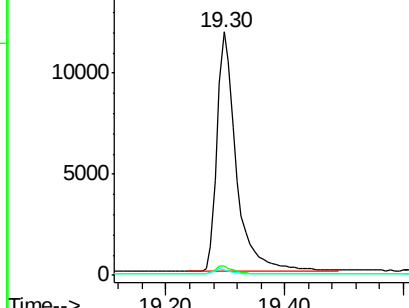
Tot Ion:	212	Resp:	26795
Ion Ratio	Lower	Upper	
212	100		
106	3.6	2.8	4.2
104	2.0	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

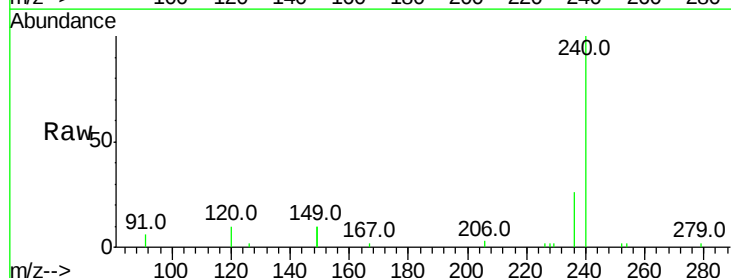
RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

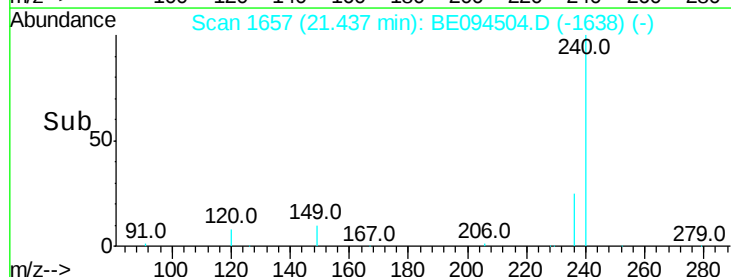
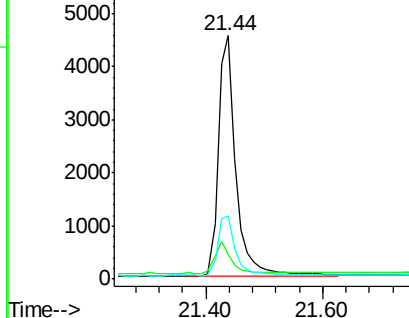
Lab File: BE094504.D

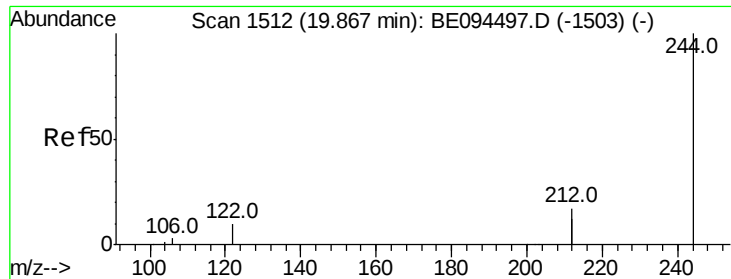
Acq: 23 Oct 2017 20:24

Tgt Ion:	240	Resp:	9386
Ion Ratio	Lower	Upper	
240	100		
120	10.4	5.5	8.3#
236	26.1	20.7	31.1



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: 0.237 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.01 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Instrument :

BNA_E

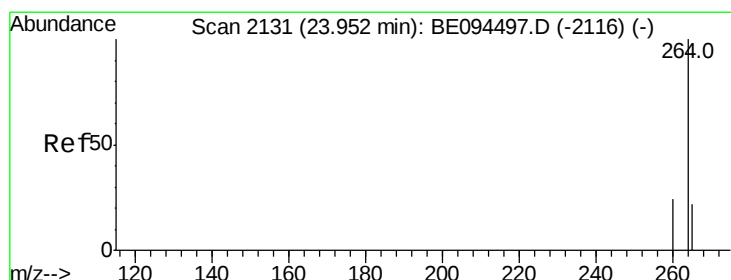
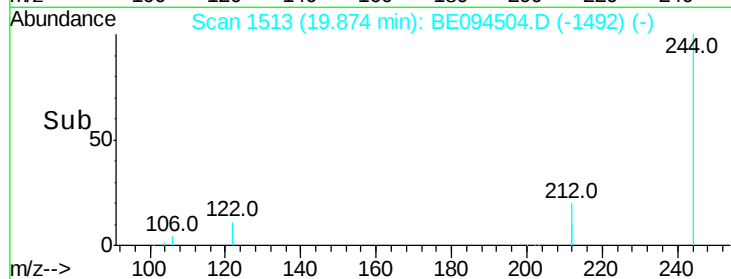
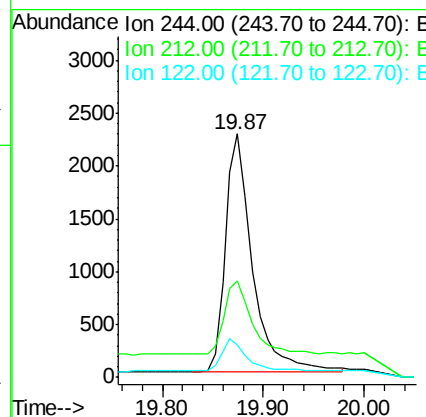
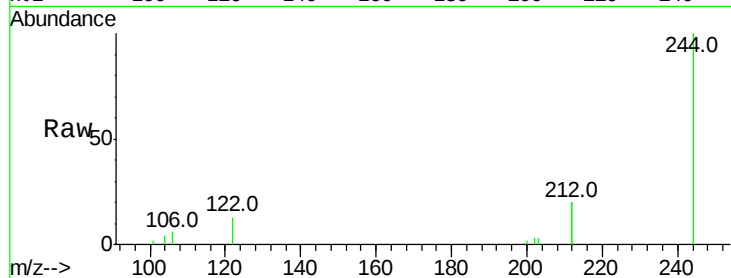
ClientSampleId :

PB103539TB

Tot Ion	Ratio	Lower	Upper
244	100		
212	39.4	25.4	38.0#
122	13.1	8.1	12.1#

Manual Integrations
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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE094504.D

Acq: 23 Oct 2017 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	30.2	22.8	34.2

