

Data File : BE093414.D
Acq On : 2 Jul 2017 15:15
Operator : SJ/JU
Sample : PB100111BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB100111BL

Quant Time: Jul 03 06:30:22 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 02 13:43:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3785	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	15542	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	7006	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	21258	0.40	ng	0.00
27) Chrysene-d12	21.43	240	28682	0.40	ng	0.00
34) Perylene-d12	23.93	264	26657	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	3634	0.32	ng	0.00
5) Phenol-d6	7.10	99	4723	0.28	ng	0.00
8) Nitrobenzene-d5	9.08	82	3268	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	6727	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	524	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	10063	0.37	ng	0.00
25) Fluoranthene-d10	19.29	212	74007	0.29	ng	0.00
29) Terphenyl-d14	19.88	244	15014	0.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.91	266	16	Below Cal		88

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

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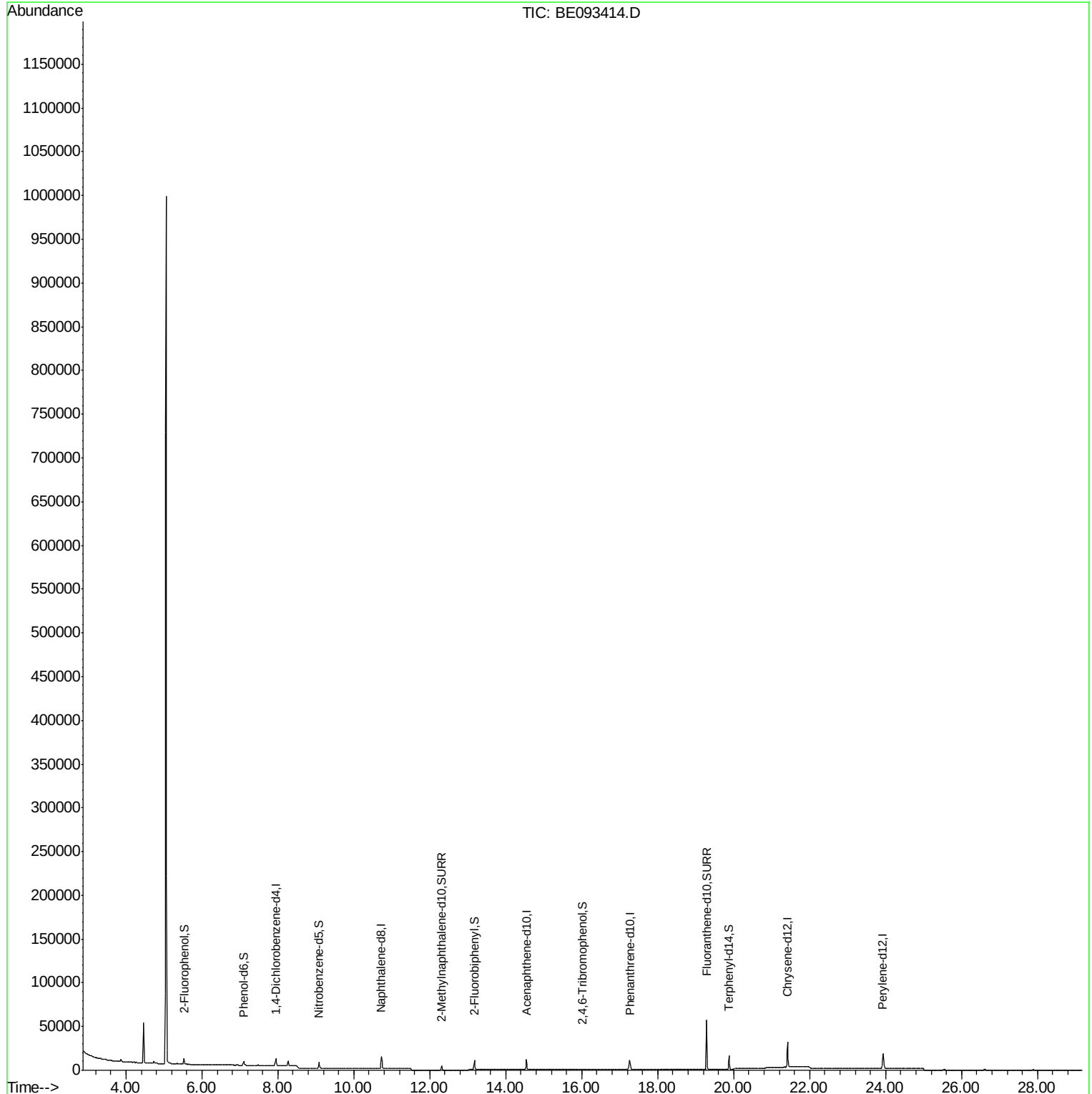
Quant Time: Jul 03 06:30:22 2017

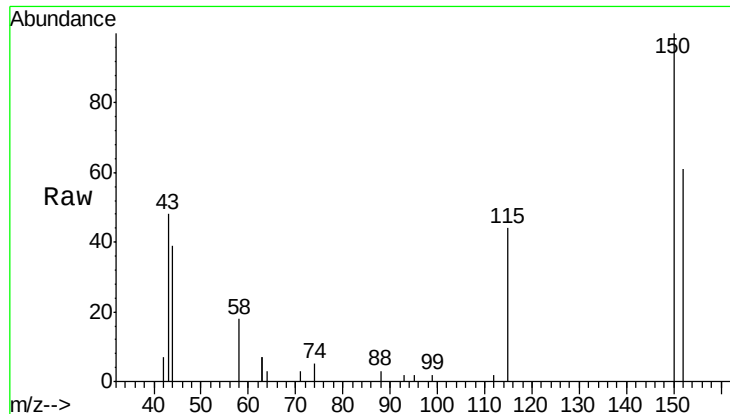
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE070217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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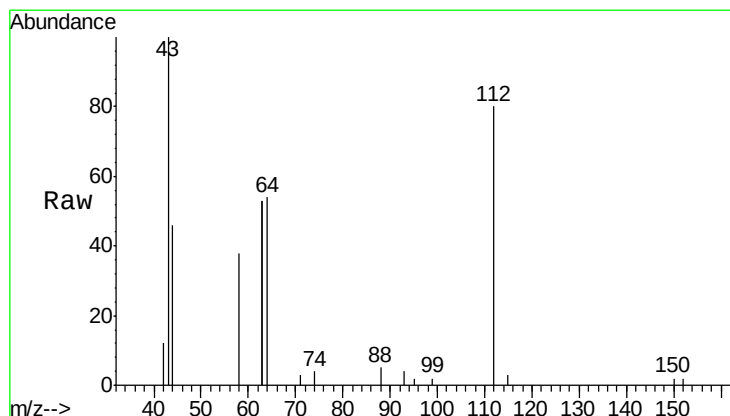
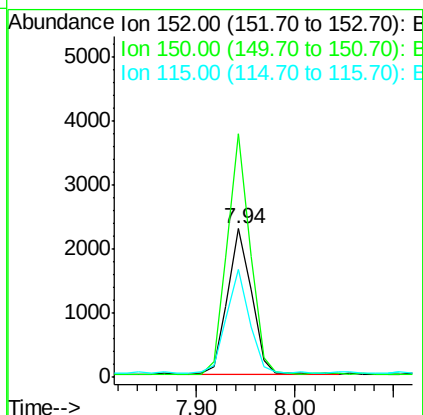
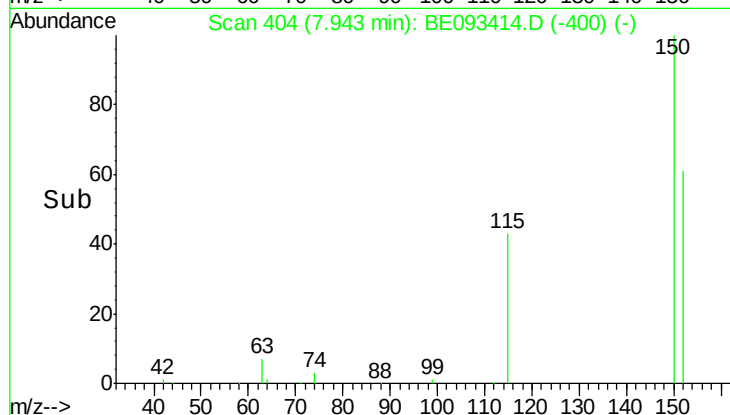




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

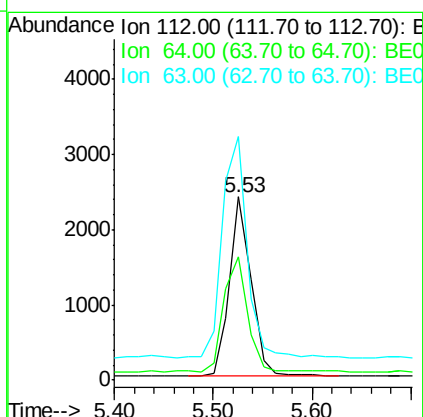
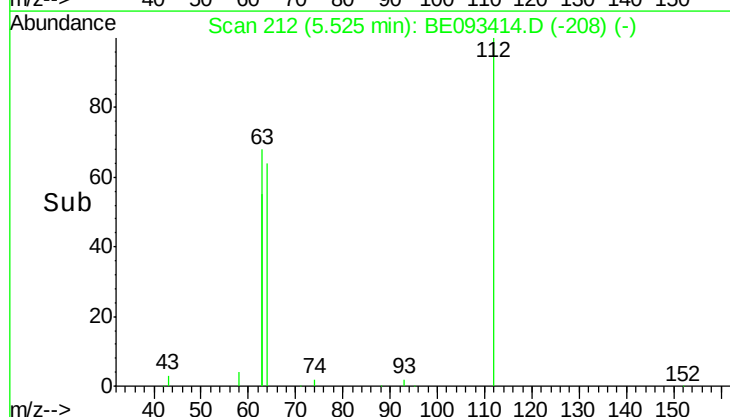
Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

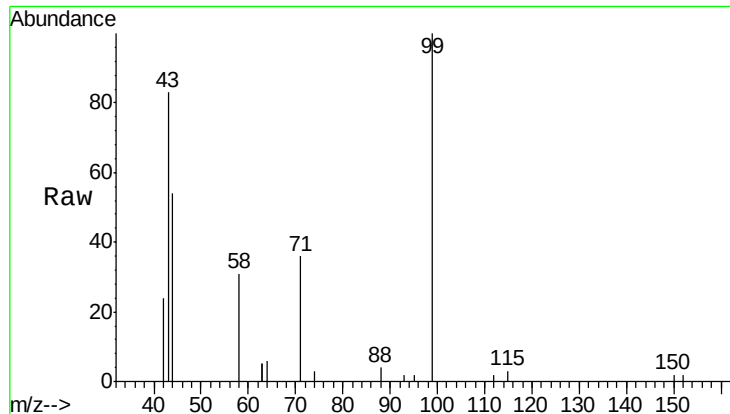
Tgt Ion:152 Resp: 3785
 Ion Ratio Lower Upper
 152 100
 150 163.6 125.1 187.7
 115 72.6 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.32 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion:112 Resp: 3634
 Ion Ratio Lower Upper
 112 100
 64 73.0 56.4 84.6
 63 140.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.28 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PB100111BL

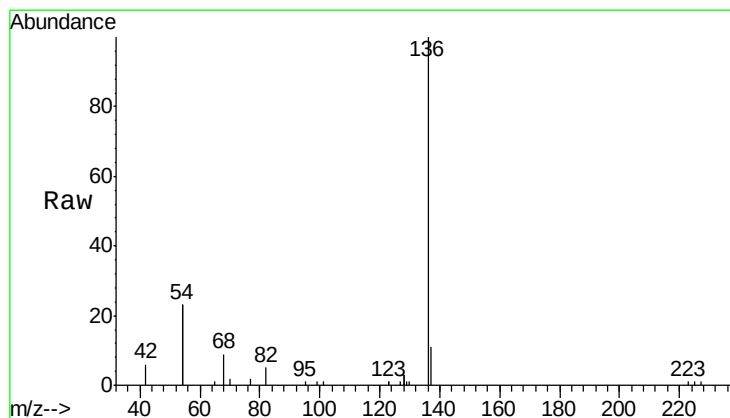
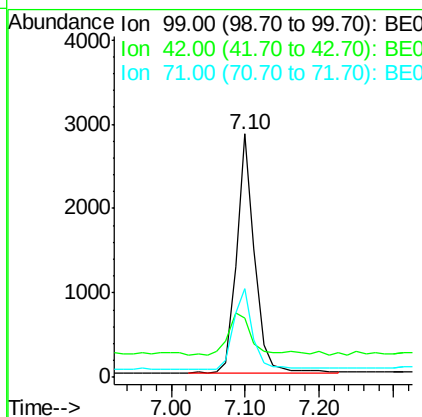
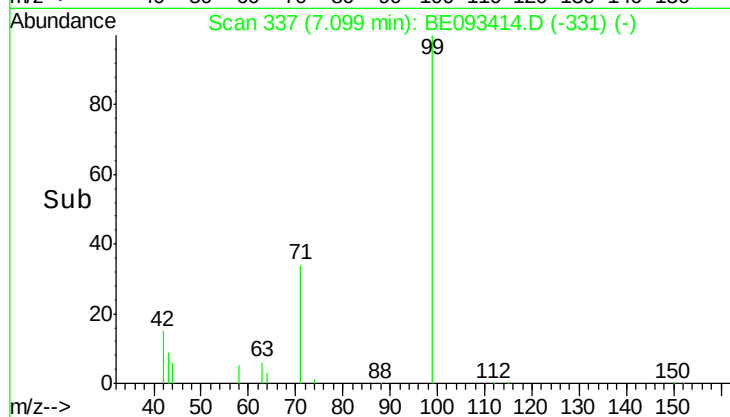
Tgt Ion: 99 Resp: 4723

Ion Ratio Lower Upper

99 100

42 21.6 0.0 0.0#

71 35.4 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

Tgt Ion: 136 Resp: 15542

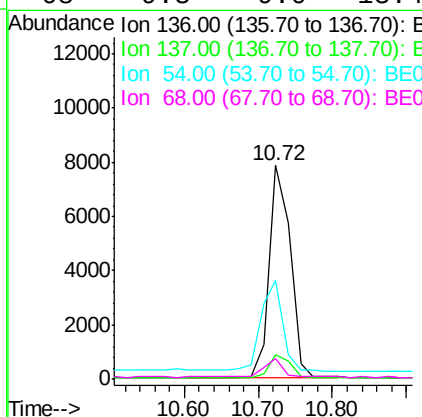
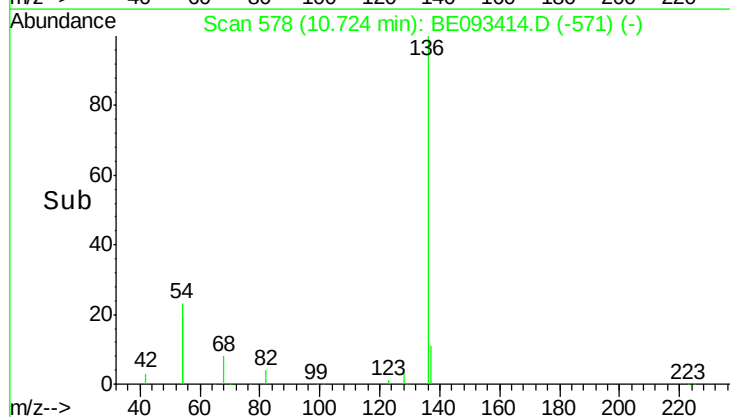
Ion Ratio Lower Upper

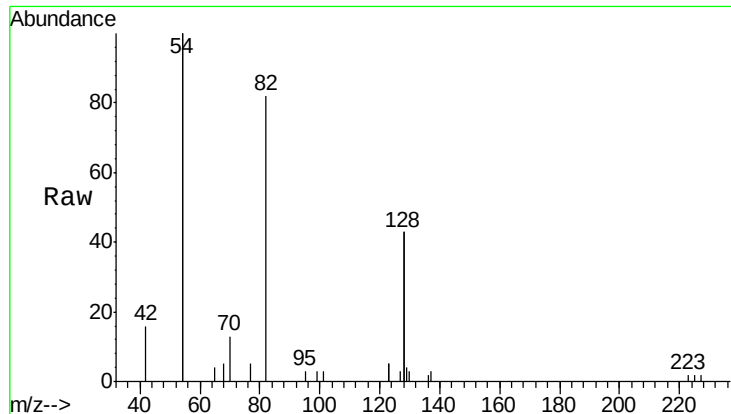
136 100

137 11.4 9.8 14.8

54 46.0 10.3 15.5#

68 9.3 9.0 13.4

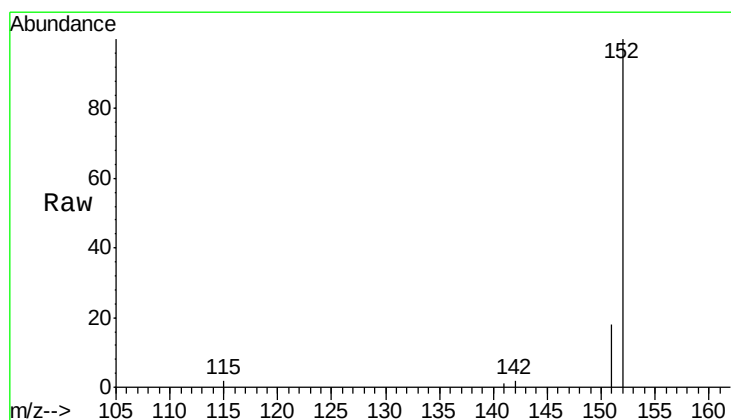
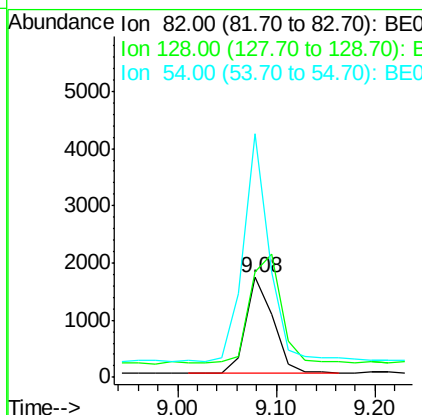
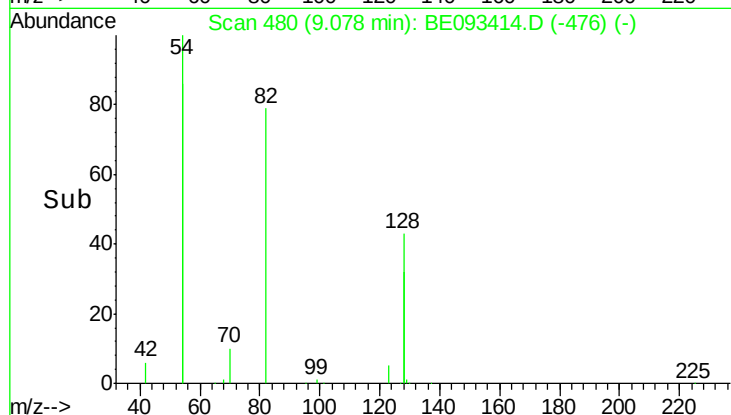




#8
 Nitrobenzene-d5
 Concen: 0.33 ng
 RT: 9.08 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

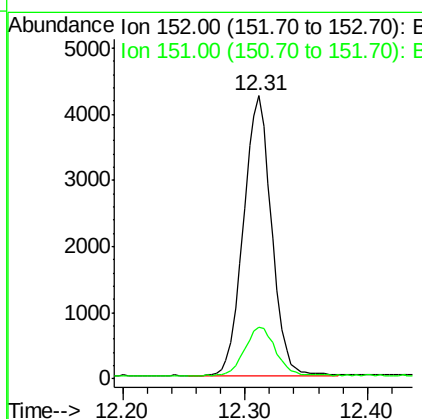
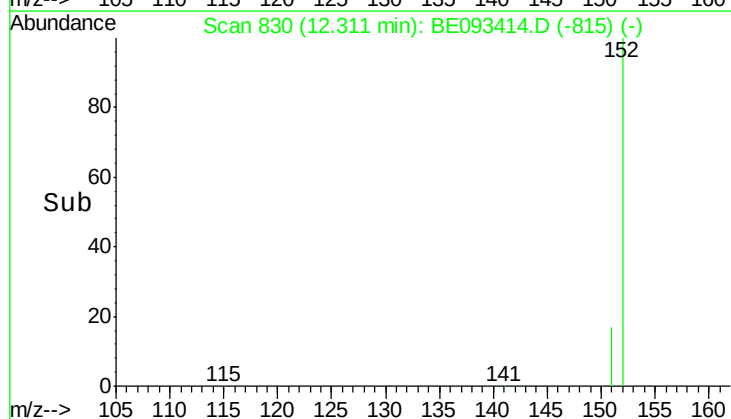
Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

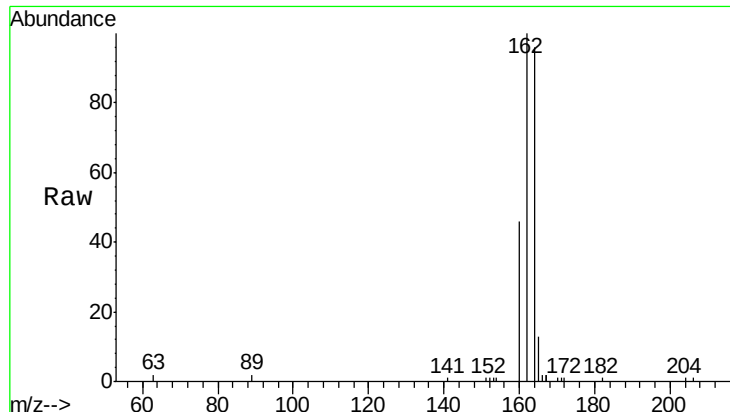
Tgt Ion	Ratio	Lower	Upper
82	100		
128	106.2	17.0	25.4#
54	244.2	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.27 ng
 RT: 12.31 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.1	22.7

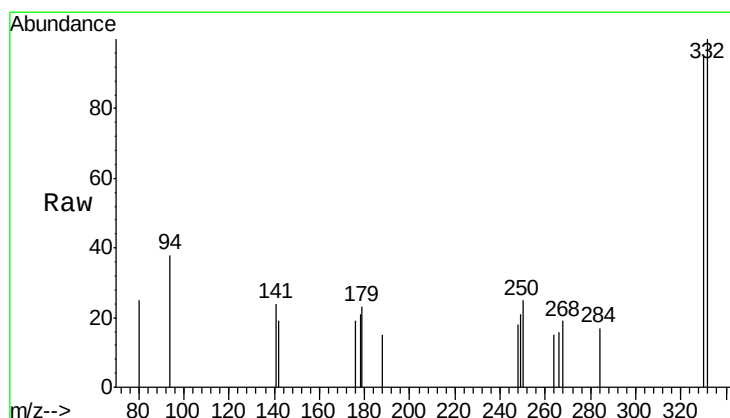
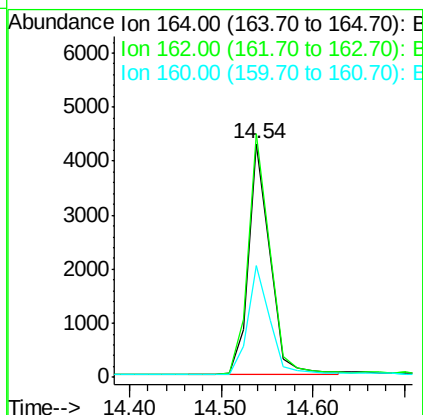
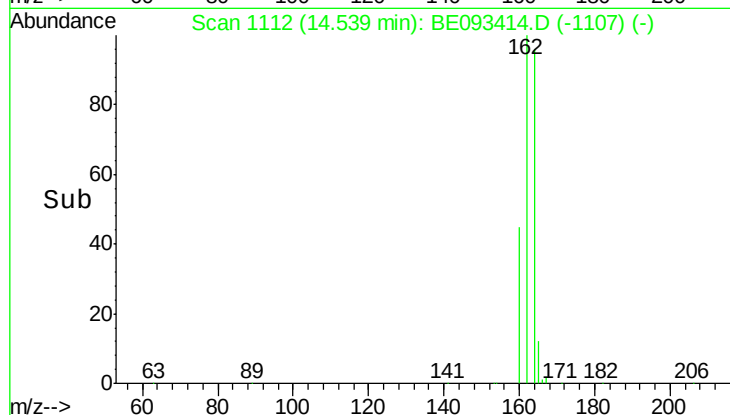




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.54 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

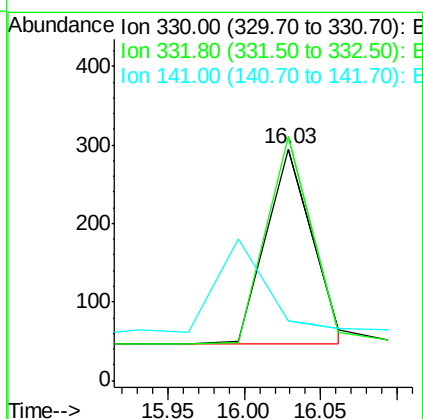
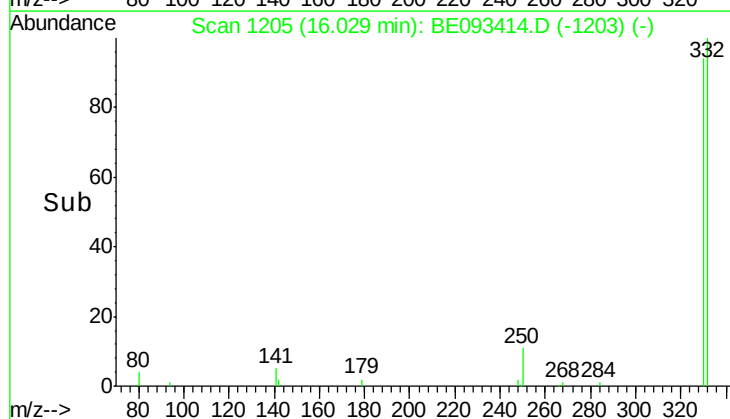
Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

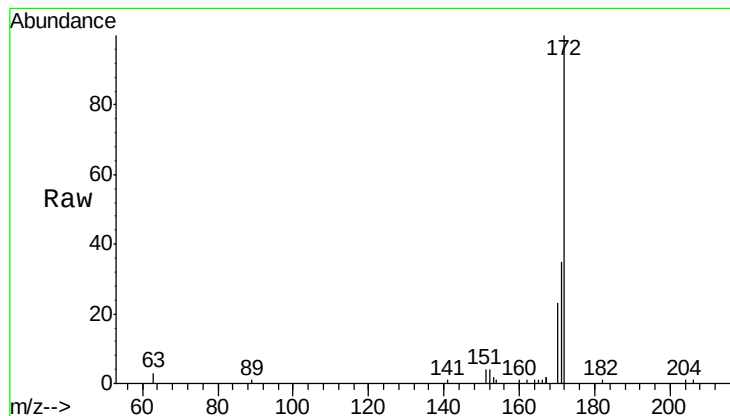
Tgt Ion:164 Resp: 7006
 Ion Ratio Lower Upper
 164 100
 162 104.1 84.6 127.0
 160 47.8 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.24 ng
 RT: 16.03 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion:330 Resp: 524
 Ion Ratio Lower Upper
 330 100
 332 104.2 77.7 116.5
 141 0.0 56.2 84.4#

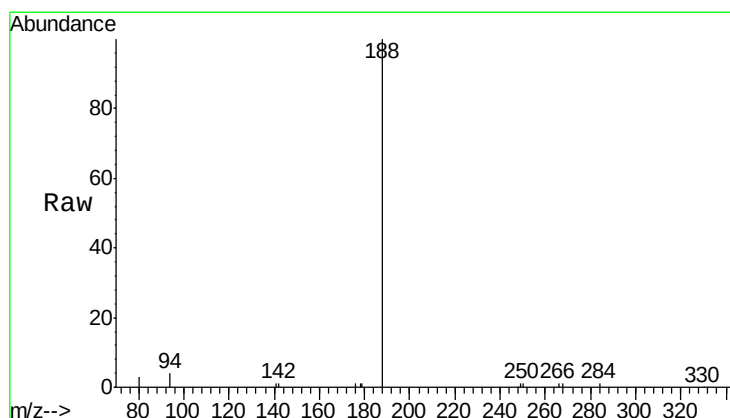
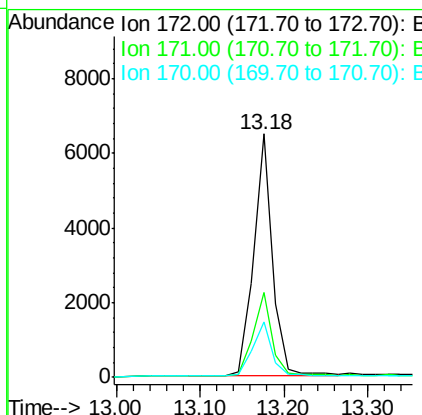
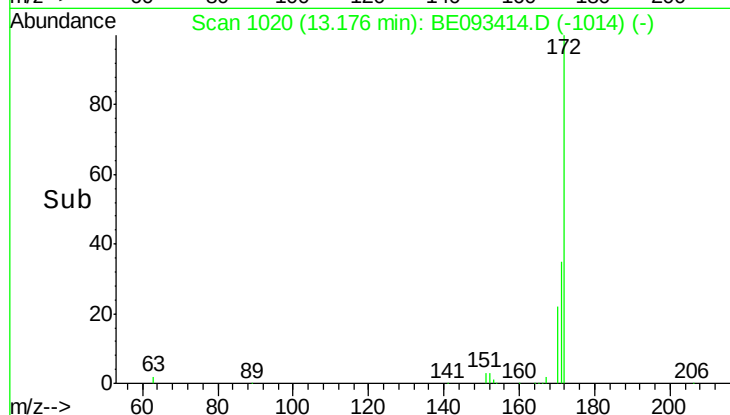




#15
 2-Fluorobiphenyl
 Concen: 0.37 ng
 RT: 13.18 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

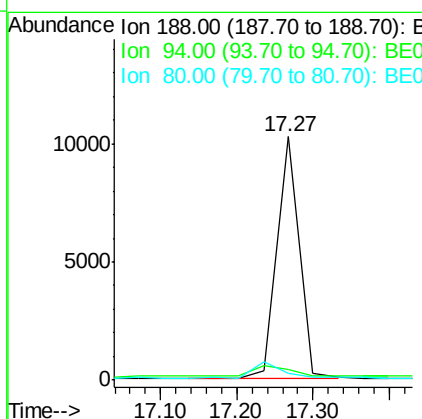
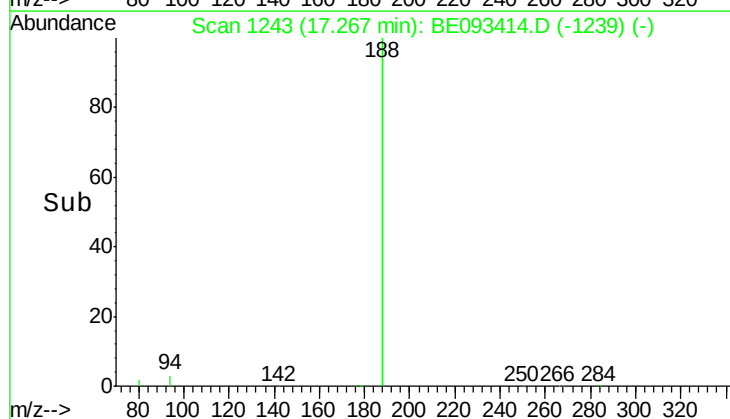
Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

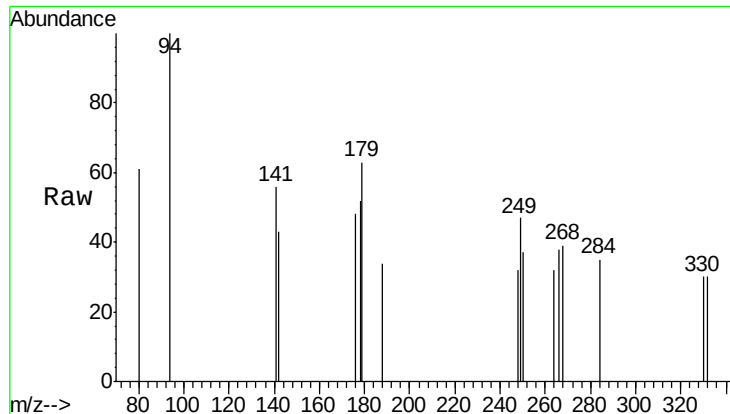
Tgt Ion:	172	Resp:	10063
Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.8	44.6
170	23.0	20.7	31.1



#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.27 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion:	188	Resp:	21258
Ion	Ratio	Lower	Upper
188	100		
94	4.2	11.3	16.9#
80	3.0	11.7	17.5#

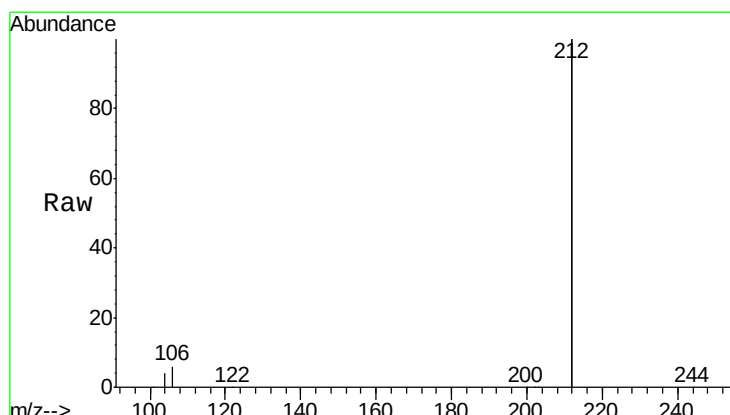
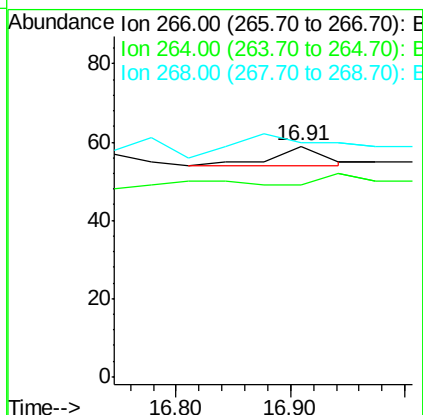
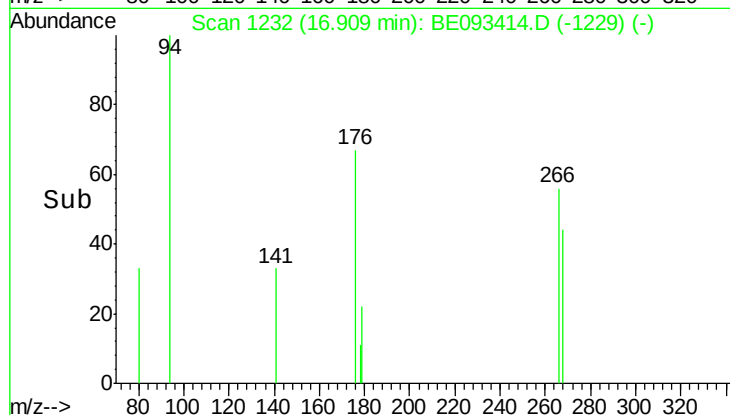




#22
 Pentachlorophenol
 Concen: Below Cal
 RT: 16.91 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

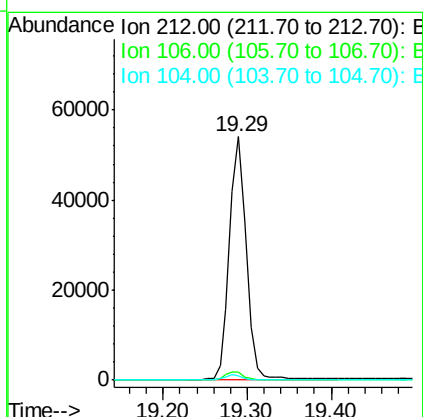
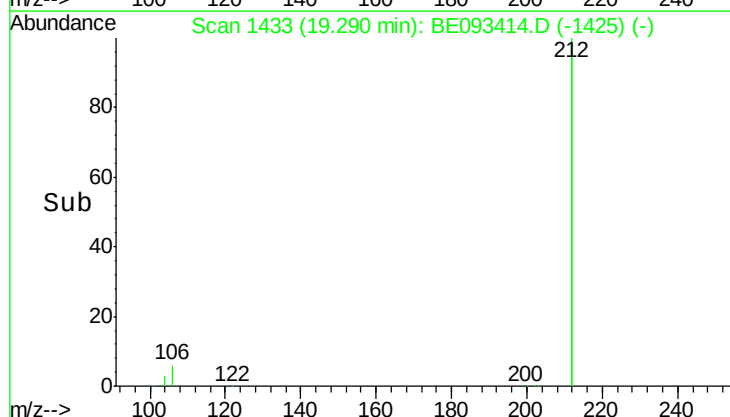
Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

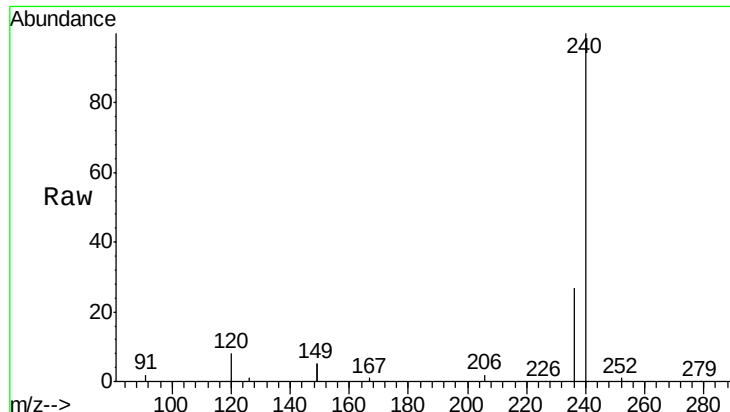
Tgt Ion:266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 83.1 58.2 87.2
 268 101.7 71.9 107.9



#25
 Fluoranthene-d10
 Concen: 0.29 ng
 RT: 19.29 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Tgt Ion:212 Resp: 74007
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.43 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

Instrument :

BNA_E

ClientSampleId :

PB100111BL

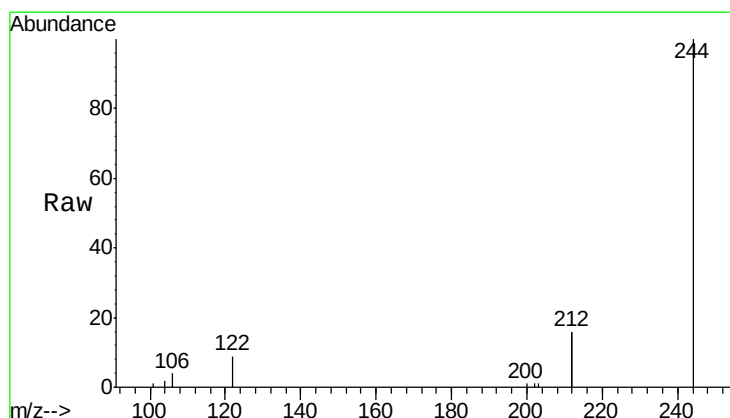
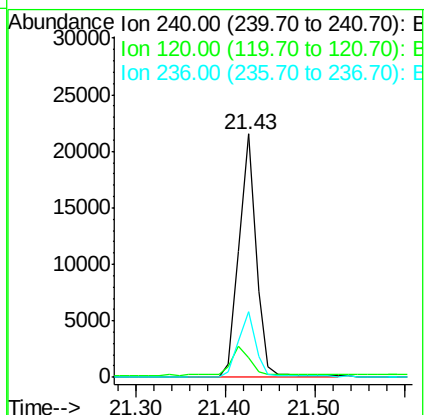
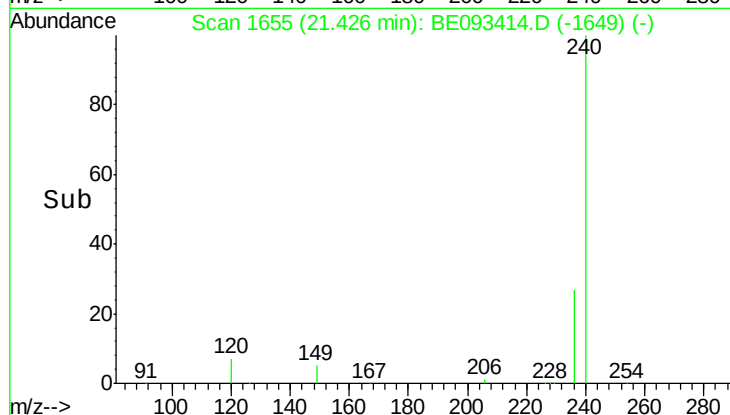
Tgt Ion:240 Resp: 28682

Ion Ratio Lower Upper

240 100

120 8.3 4.6 7.0#

236 26.9 20.8 31.2



#29

Terphenyl-d14

Concen: 0.29 ng

RT: 19.88 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BE093414.D

Acq: 2 Jul 2017 15:15

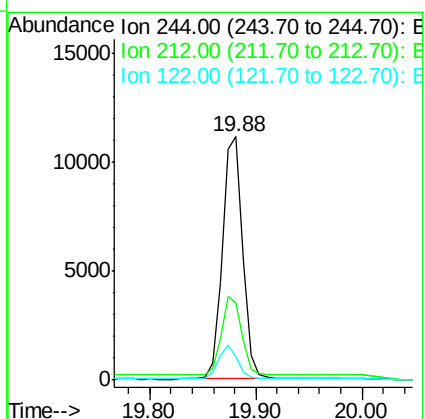
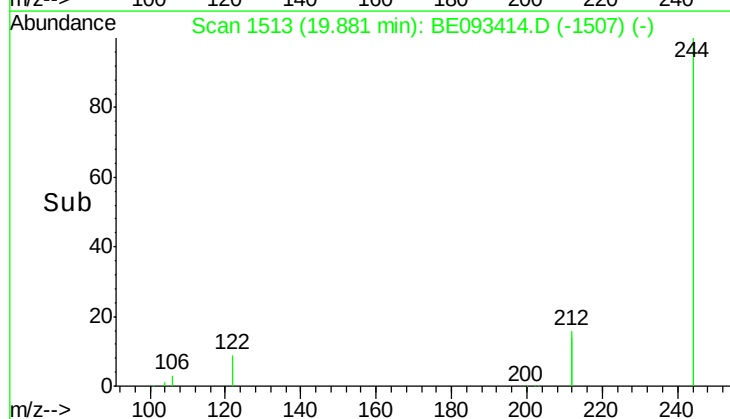
Tgt Ion:244 Resp: 15014

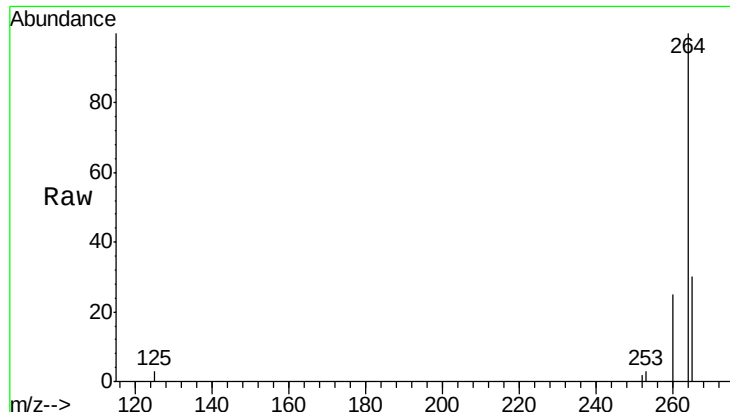
Ion Ratio Lower Upper

244 100

212 31.8 10.6 16.0#

122 9.4 15.4 23.0#





#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093414.D
 Acq: 2 Jul 2017 15:15

Instrument :
 BNA_E
 ClientSampleId :
 PB100111BL

Tgt Ion:264 Resp: 26657
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.0 31.4
 265 30.5 24.6 36.8

