

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093521.D
 Acq On : 21 Jul 2017 23:01
 Operator : SJ/JU
 Sample : I4199-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3568-SPP3

Quant Time: Jul 22 03:21:37 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

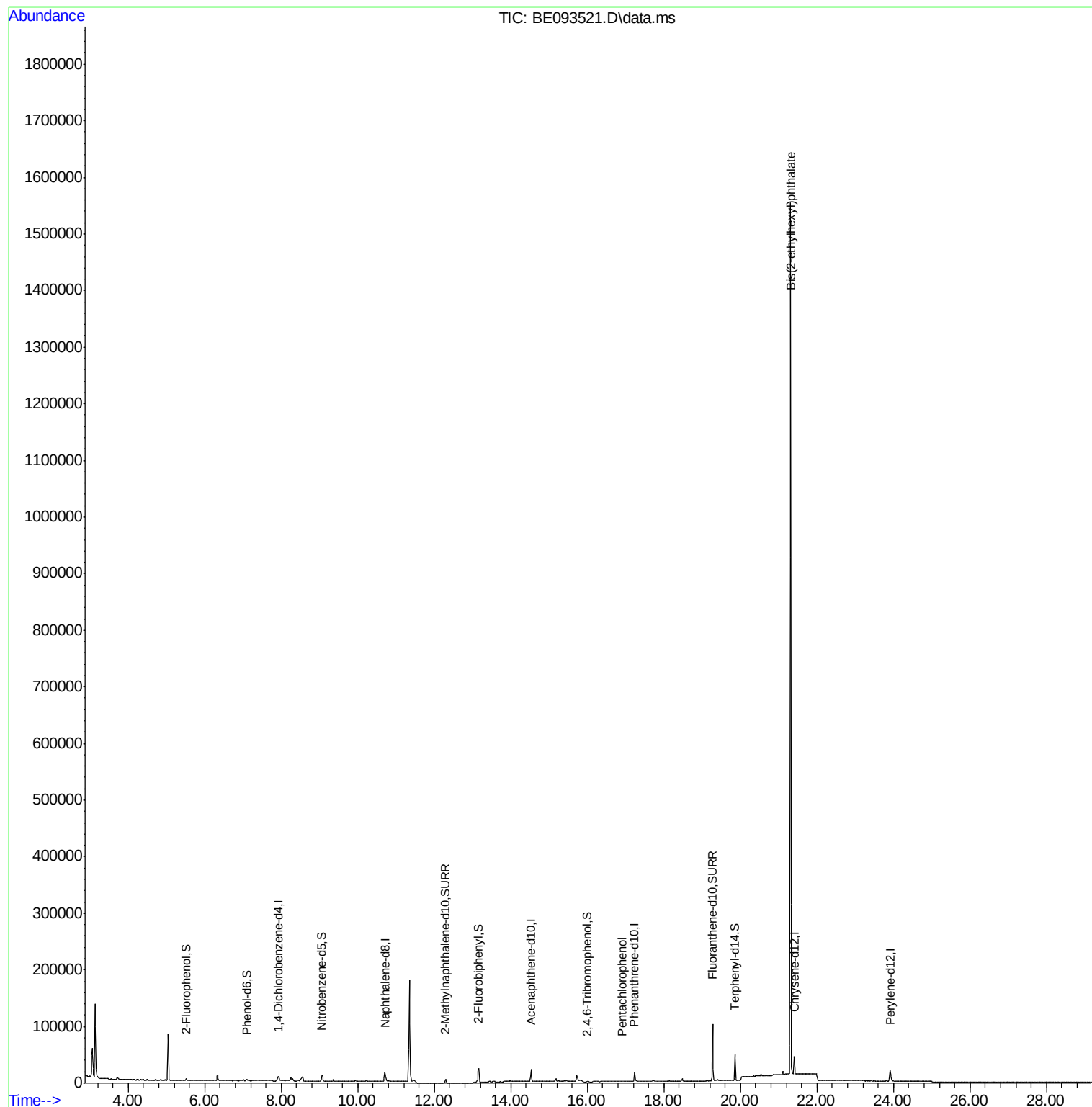
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.931	152	3457	0.40	ng	0.00
7) Naphthalene-d8	10.707	136	18492	0.40	ng	0.00
13) Acenaphthene-d10	14.525	164	12234	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	26401	0.40	ng	0.00
27) Chrysene-d12	21.415	240	34892	0.40	ng	0.00
34) Perylene-d12	23.915	264	29197	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	1956	0.16	ng	0.00
5) Phenol-d6	7.100	99	1970	0.12	ng	0.00
8) Nitrobenzene-d5	9.062	82	5338	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	9502	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.996	330	1365	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.162	172	25225	0.52	ng	0.00
25) Fluoranthene-d10	19.275	212	127737	0.30	ng	0.00
29) Terphenyl-d14	19.859	244	39129	0.62	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.909	266	763	0.29	ng	93
32) Bis(2-ethylhexyl)phtha...	21.315	149	1745962	7.80	ng	98

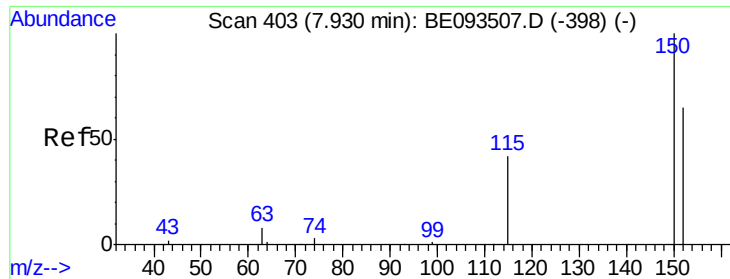
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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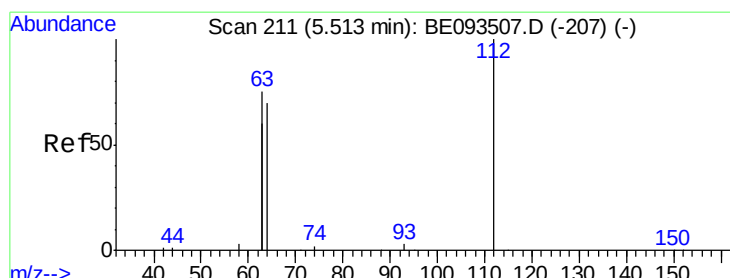
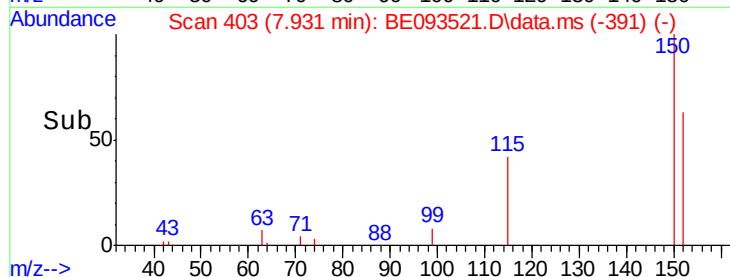
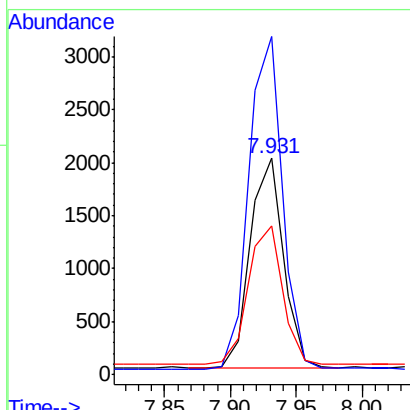
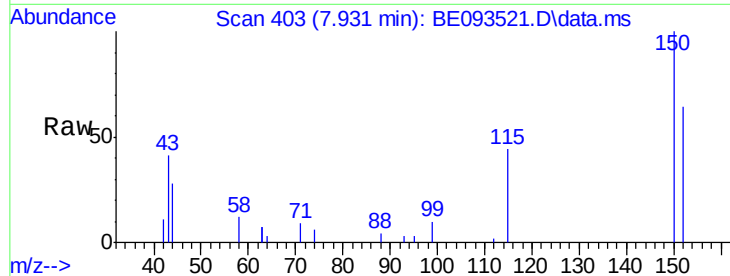




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.931 min Scan# 40
 Delta R.T. 0.001 min
 Lab File: BE093521.D
 Acq: 21 Jul 2017 23:01

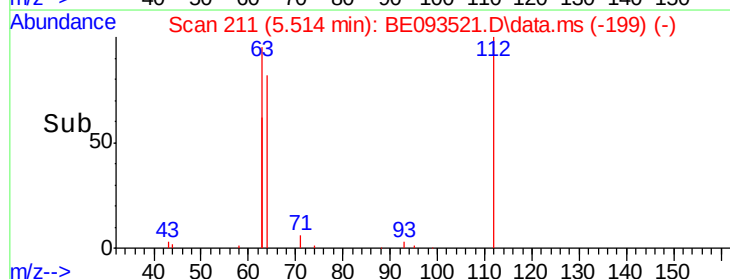
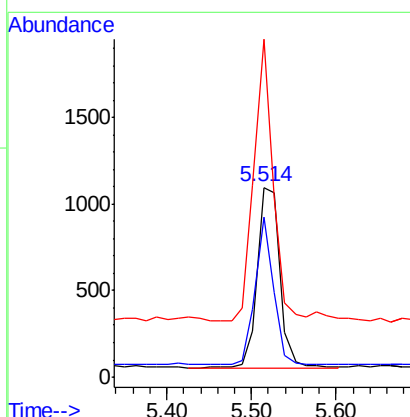
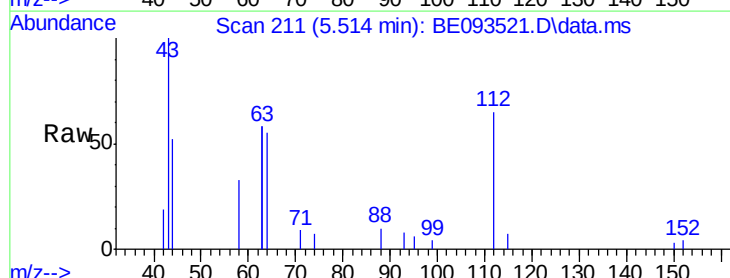
Instrument :
 BNA_E
 ClientSampleId :
 3568-SPP3

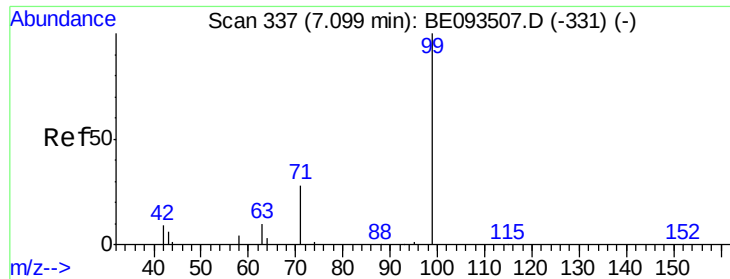
Tot Ion:152 Resp: 3457
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.1 187.7
 115 68.5 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.514 min Scan# 211
 Delta R.T. 0.001 min
 Lab File: BE093521.D
 Acq: 21 Jul 2017 23:01

Tgt Ion:112 Resp: 1956
 Ion Ratio Lower Upper
 112 100
 64 65.6 56.4 84.6
 63 130.0 29.3 43.9#





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.100 min Scan# 33

Delta R.T. 0.001 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

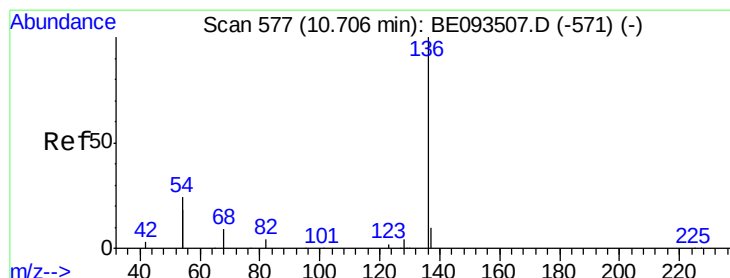
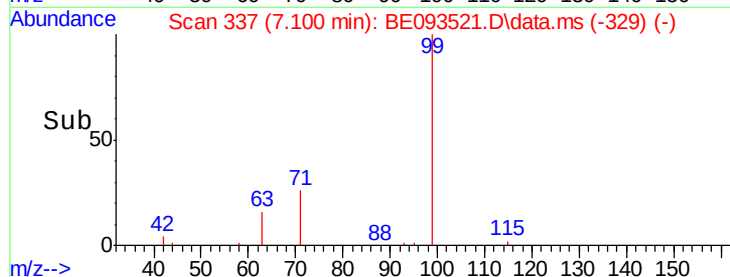
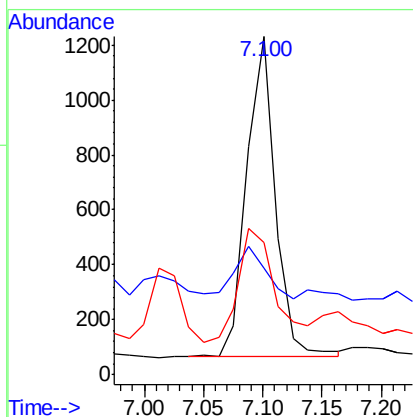
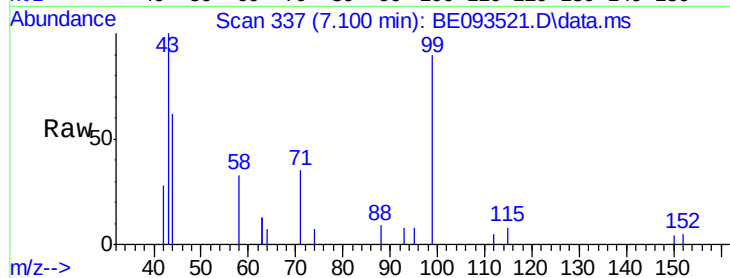
Tot Ion: 99 Resp: 1970

Ion Ratio Lower Upper

99 100

42 17.2 0.0 0.0#

71 45.7 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.707 min Scan# 577

Delta R.T. 0.000 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Tgt Ion: 136 Resp: 18492

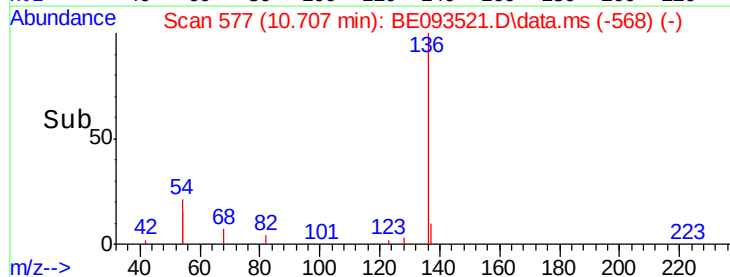
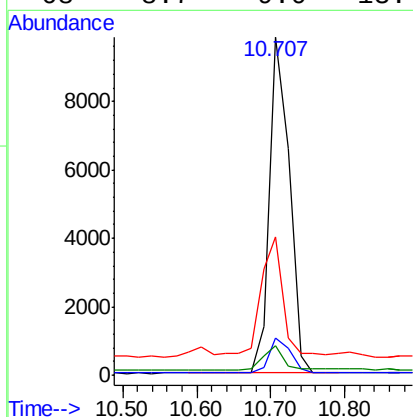
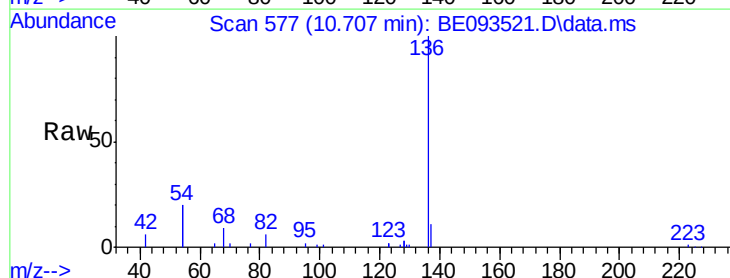
Ion Ratio Lower Upper

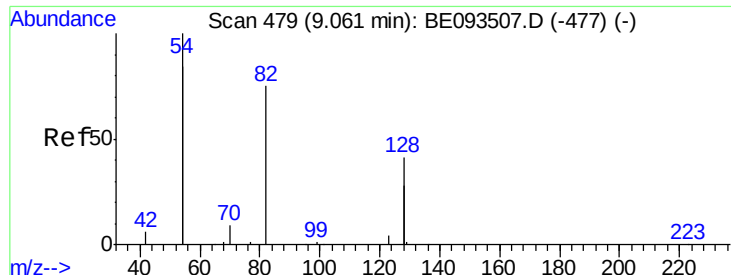
136 100

137 11.0 9.8 14.8

54 40.8 10.3 15.5#

68 8.7 9.0 13.4#

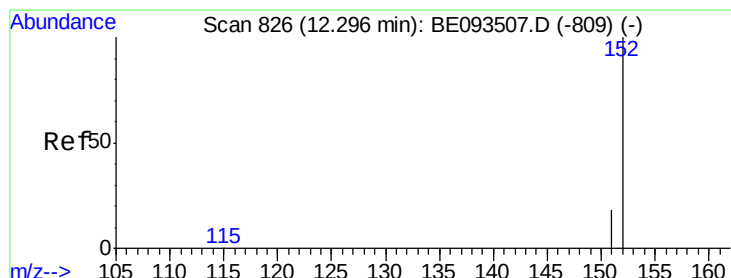
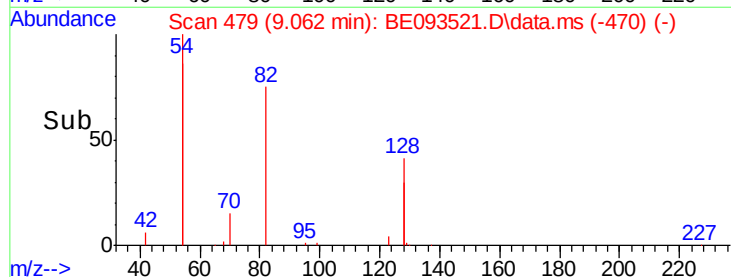
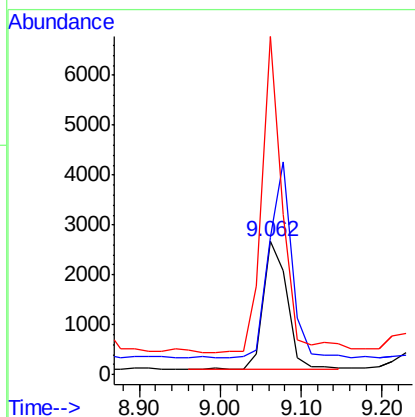
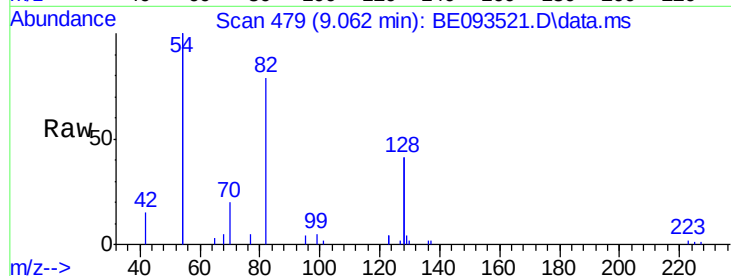




#8
 Nitrobenzene-d5
 Concen: 0.36 ng
 RT: 9.062 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: BE093521.D
 Acq: 21 Jul 2017 23:01

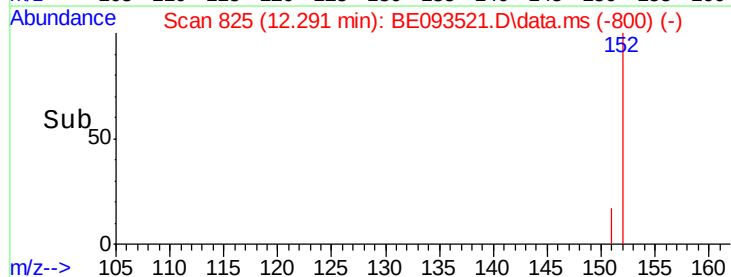
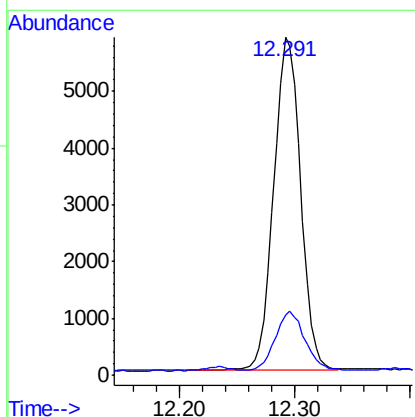
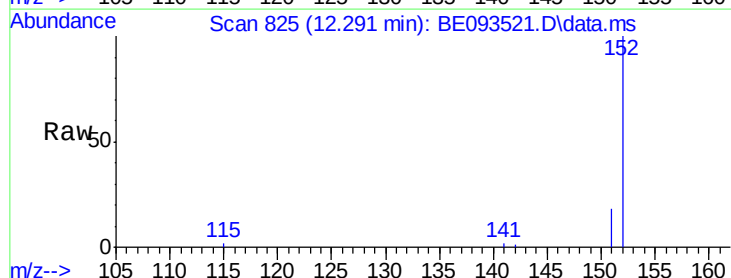
Instrument :
 BNA_E
 ClientSampleId :
 3568-SPP3

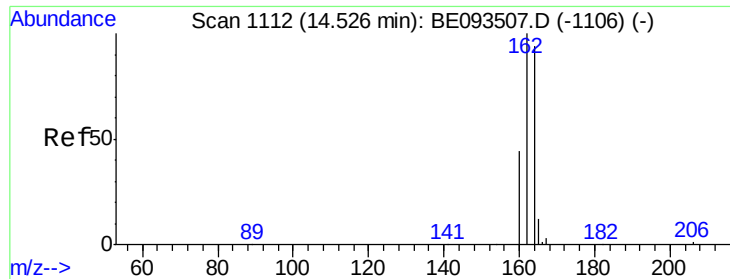
Tot Ion	82	Resp	5338
Ion	Ratio	Lower	Upper
82	100		
128	103.7	17.0	25.4#
54	254.7	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.32 ng
 RT: 12.291 min Scan# 825
 Delta R.T. -0.004 min
 Lab File: BE093521.D
 Acq: 21 Jul 2017 23:01

Tgt Ion	152	Resp	9502
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.525 min Scan# 1112

Delta R.T. -0.001 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

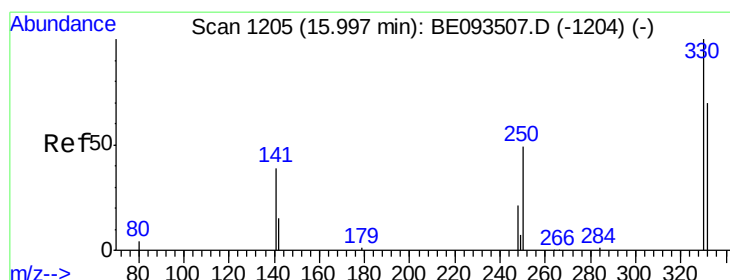
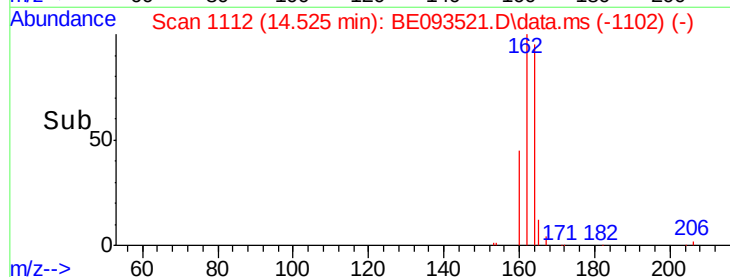
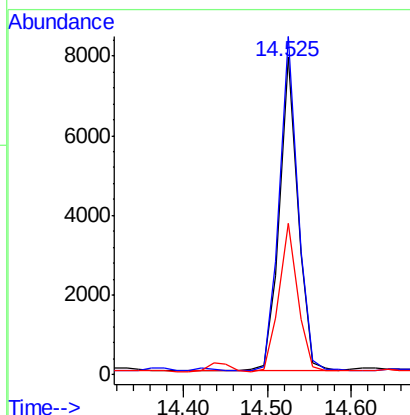
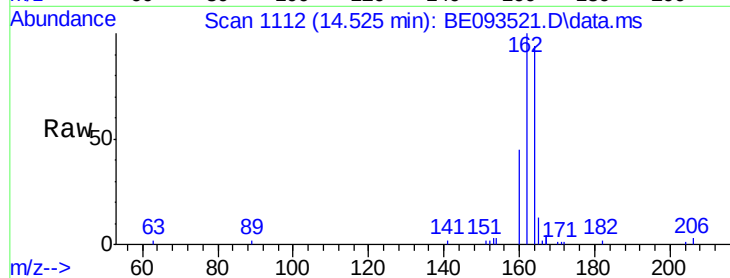
Tot Ion:164 Resp: 12234

Ion Ratio Lower Upper

164 100

162 106.5 84.6 127.0

160 47.7 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.31 ng

RT: 15.996 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

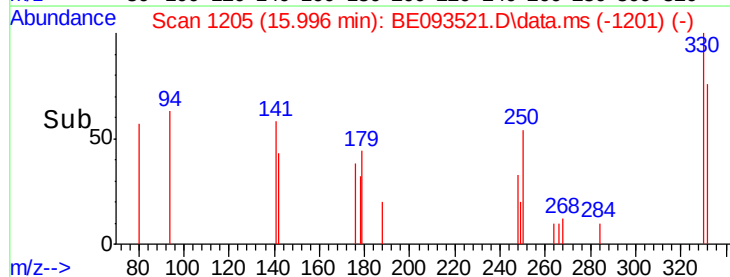
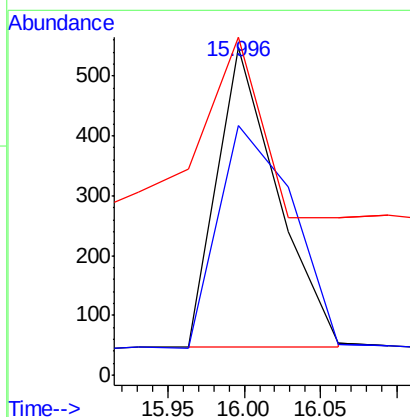
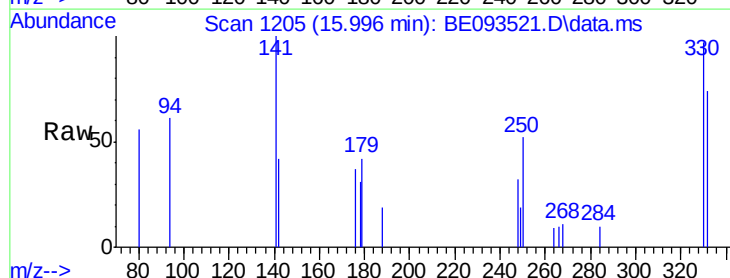
Tgt Ion:330 Resp: 1365

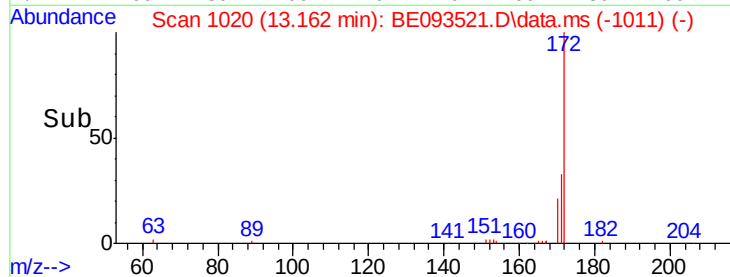
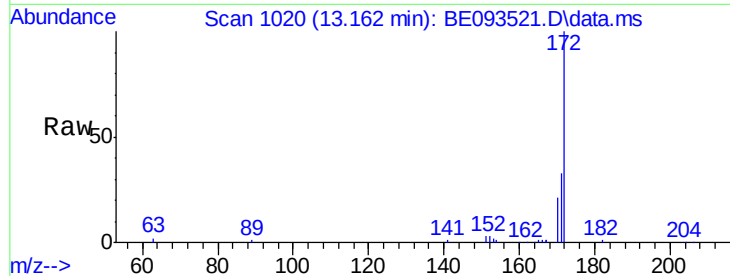
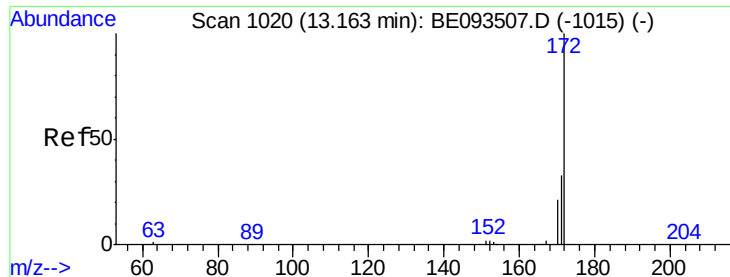
Ion Ratio Lower Upper

330 100

332 92.5 77.7 116.5

141 54.6 56.2 84.4#

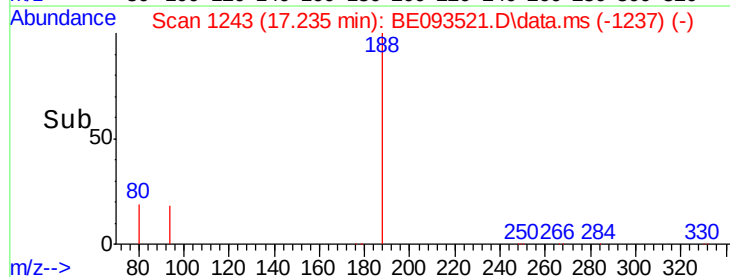
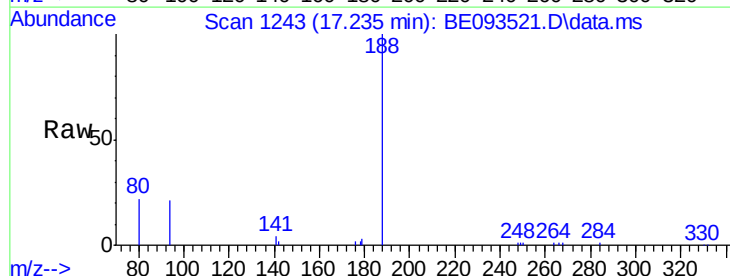
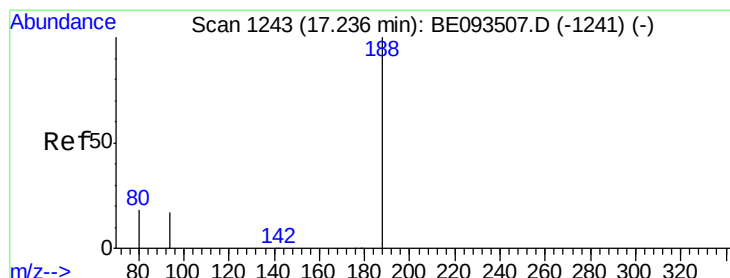
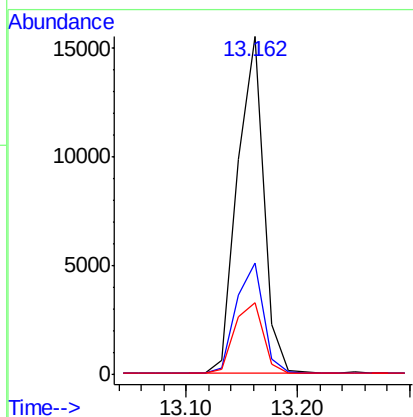




#15
2-Fluorobiphenyl
Concen: 0.52 ng
RT: 13.162 min Scan# 101
Delta R.T. -0.001 min
Lab File: BE093521.D
Acq: 21 Jul 2017 23:01

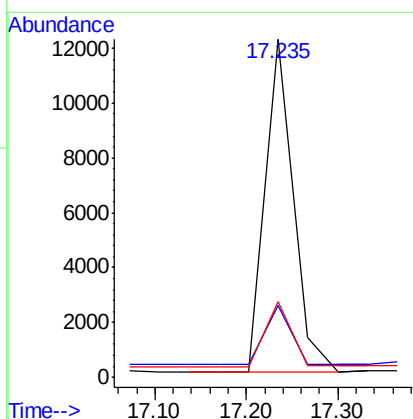
Instrument :
BNA_E
ClientSampleId :
3568-SPP3

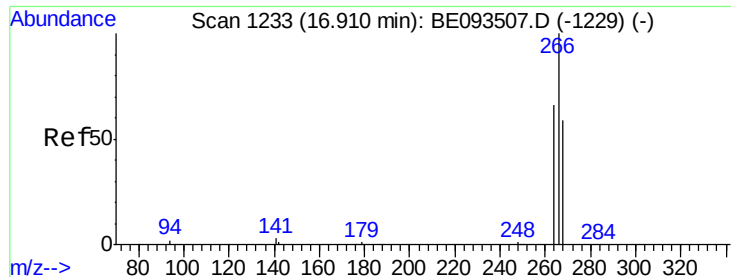
Tot Ion:	172	Resp:	25225
Ion	Ratio	Lower	Upper
172	100		
171	32.9	29.8	44.6
170	21.2	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE093521.D
Acq: 21 Jul 2017 23:01

Tgt Ion:	188	Resp:	26401
Ion	Ratio	Lower	Upper
188	100		
94	21.3	11.3	16.9#
80	22.2	11.7	17.5#





#22

Pentachlorophenol

Concen: 0.29 ng

RT: 16.909 min Scan# 1233

Delta R.T. -0.001 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

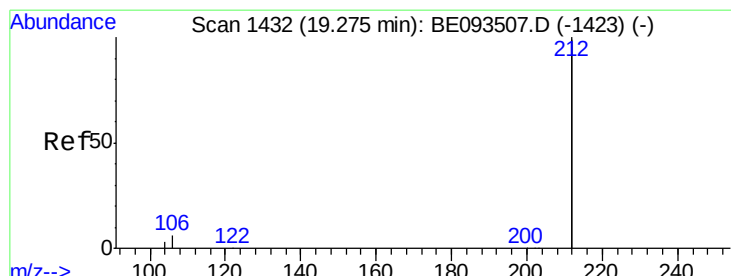
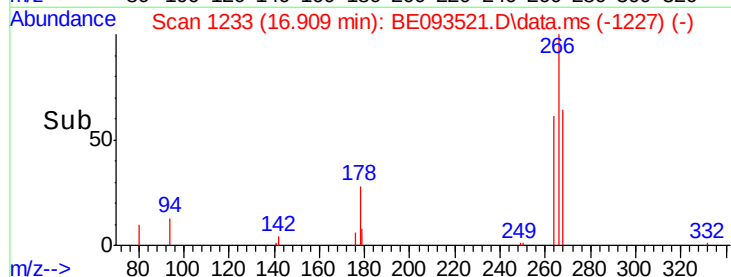
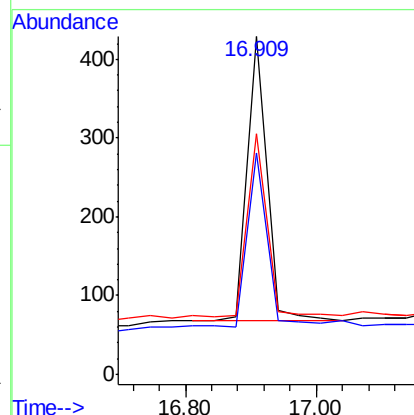
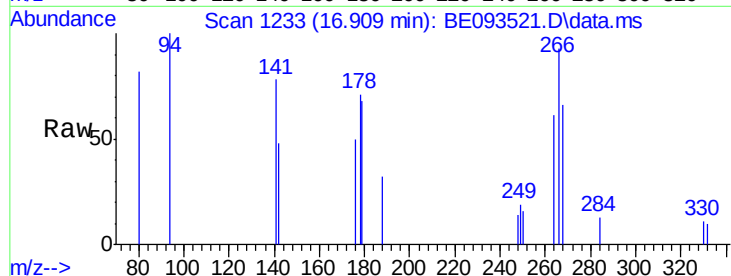
Tot Ion:266 Resp: 763

Ion Ratio Lower Upper

266 100

264 65.5 56.0 84.0

268 71.3 52.0 78.0



#25

Fluoranthene-d10

Concen: 0.30 ng

RT: 19.275 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

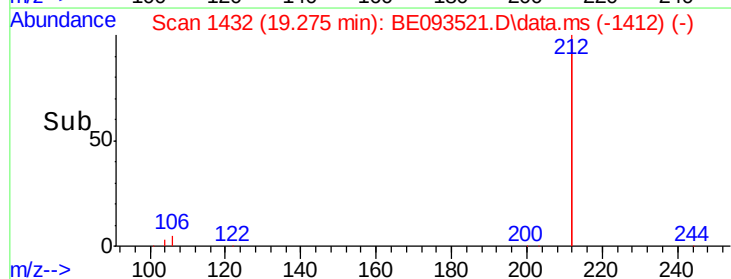
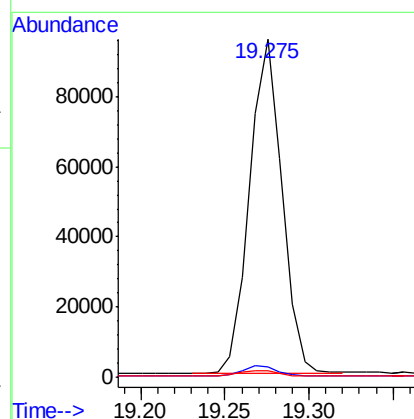
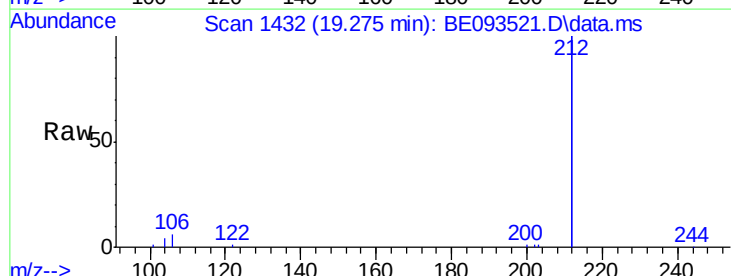
Tgt Ion:212 Resp: 127737

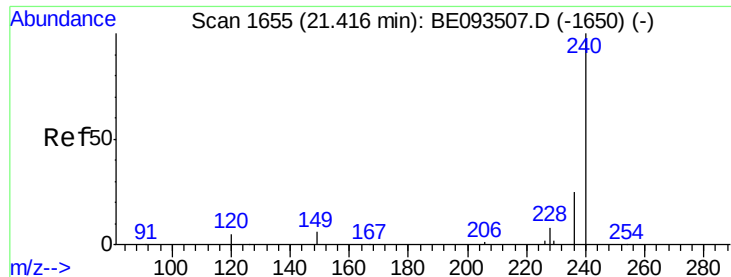
Ion Ratio Lower Upper

212 100

106 3.2 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.415 min Scan# 16

Delta R.T. -0.001 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

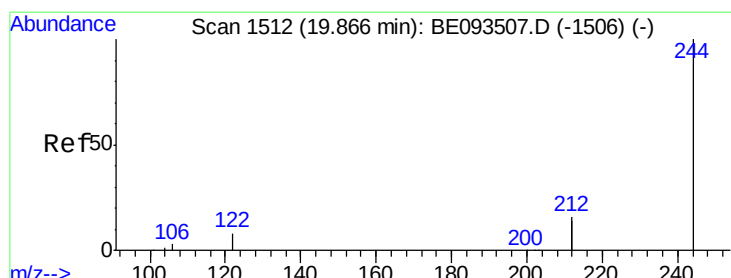
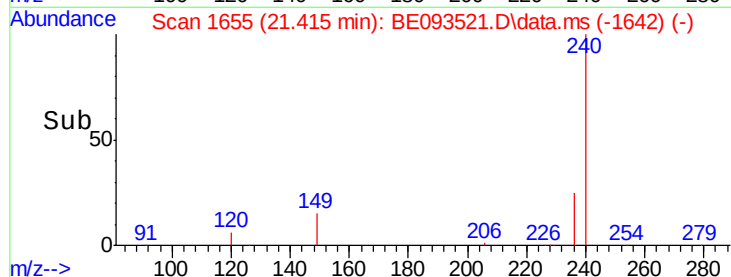
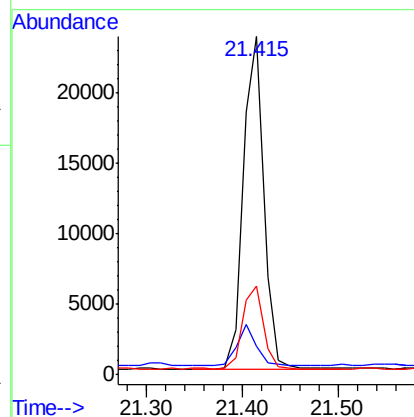
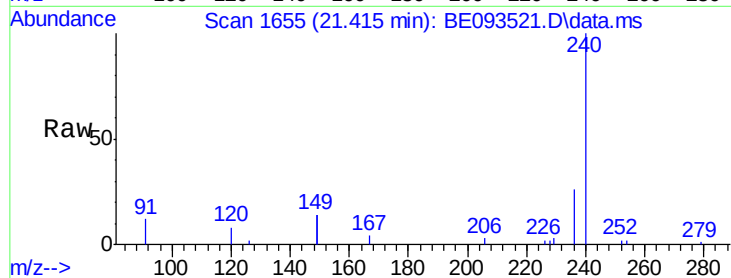
Tot Ion:240 Resp: 34892

Ion Ratio Lower Upper

240 100

120 8.3 4.6 7.0#

236 26.2 20.8 31.2



#29

Terphenyl-d14

Concen: 0.62 ng

RT: 19.859 min Scan# 1511

Delta R.T. -0.007 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

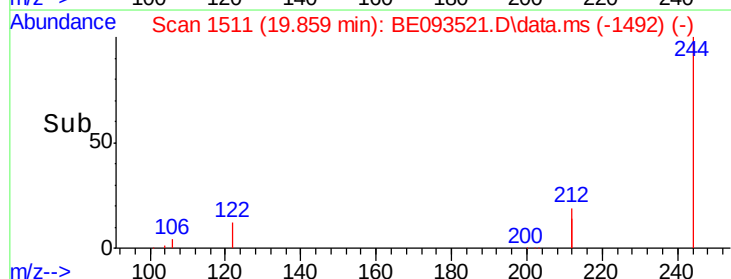
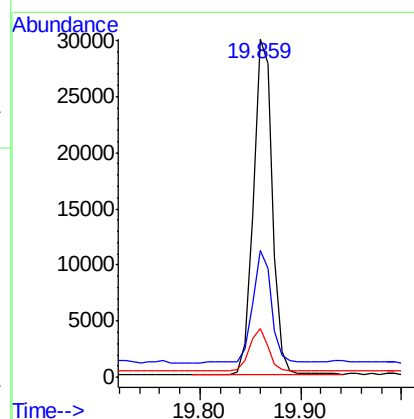
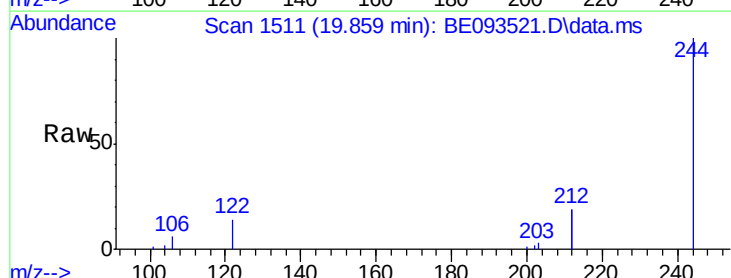
Tgt Ion:244 Resp: 39129

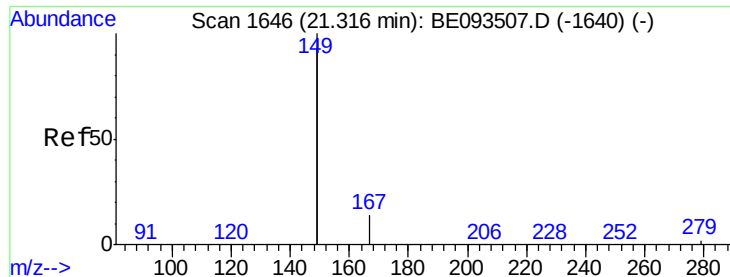
Ion Ratio Lower Upper

244 100

212 37.4 10.6 16.0#

122 14.3 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 7.80 ng

RT: 21.315 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Instrument :

BNA_E

ClientSampleId :

3568-SPP3

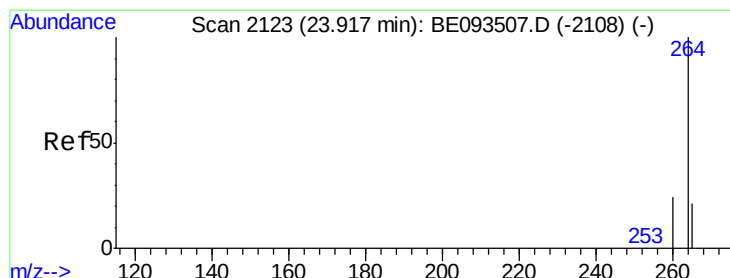
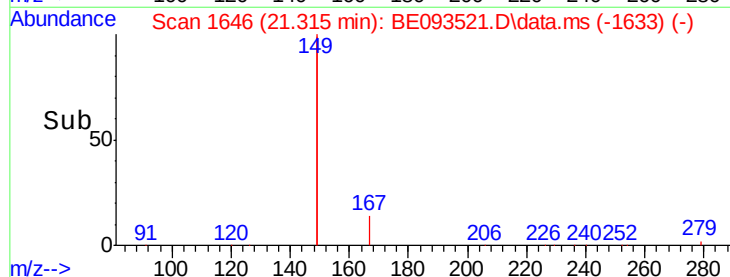
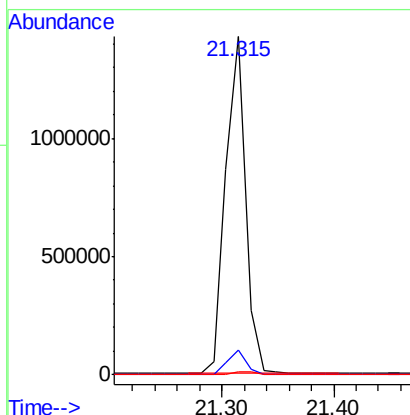
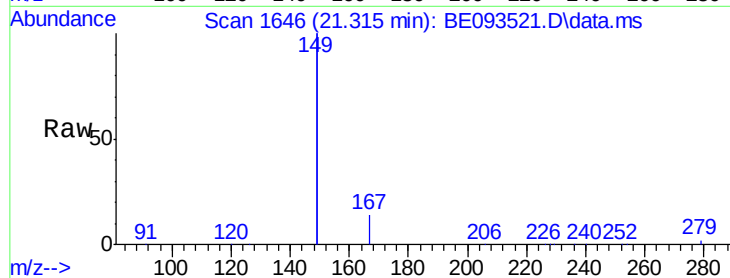
Tot Ion:149 Resp: 1745962

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

279 0.9 0.8 1.2



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.915 min Scan# 2123

Delta R.T. -0.001 min

Lab File: BE093521.D

Acq: 21 Jul 2017 23:01

Tgt Ion:264 Resp: 29197

Ion Ratio Lower Upper

264 100

260 25.4 21.0 31.4

265 33.2 24.6 36.8

