

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093523.D
 Acq On : 22 Jul 2017 00:15
 Operator : SJ/JU
 Sample : I4199-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3570-SPP4-DUP

Quant Time: Jul 22 03:24:21 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

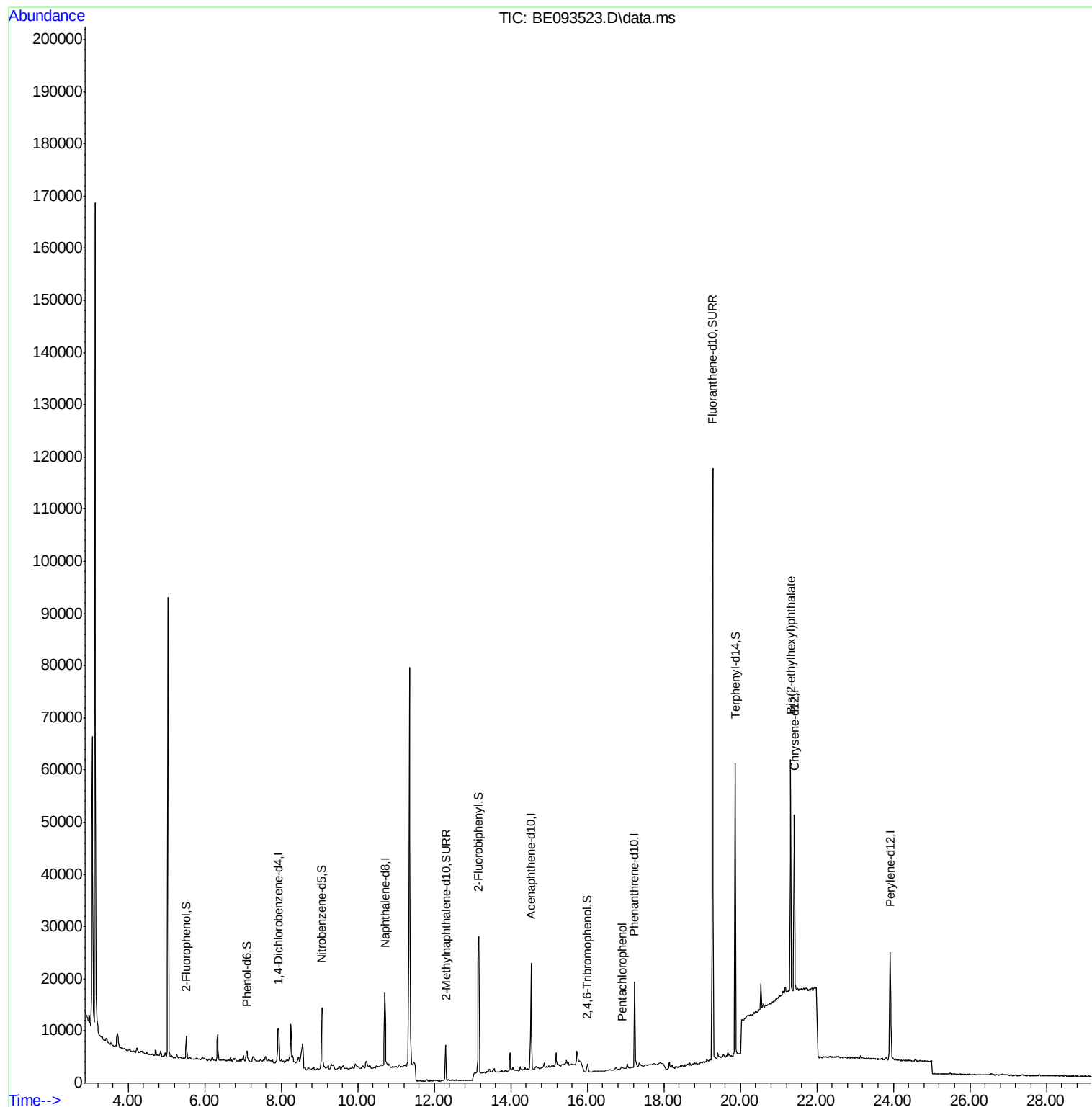
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.932	152	3301	0.40	ng	0.00
7) Naphthalene-d8	10.706	136	16983	0.40	ng	0.00
13) Acenaphthene-d10	14.525	164	11443	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	25721	0.40	ng	0.00
27) Chrysene-d12	21.415	240	36550	0.40	ng	0.00
34) Perylene-d12	23.916	264	31068	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	2089	0.18	ng	0.00
5) Phenol-d6	7.101	99	2108	0.13	ng	0.00
8) Nitrobenzene-d5	9.061	82	5422	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.292	152	9510	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.997	330	1330	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.162	172	27939	0.62	ng	0.00
25) Fluoranthene-d10	19.274	212	142414	0.35	ng	0.00
29) Terphenyl-d14	19.865	244	49903	0.75	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.910	266	575	0.26	ng	94
32) Bis(2-ethylhexyl)phtha...	21.315	149	50580	0.21	ng	97

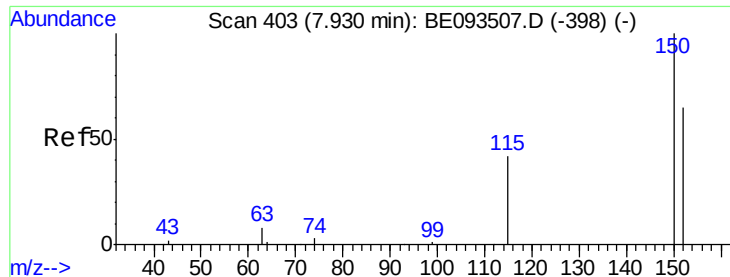
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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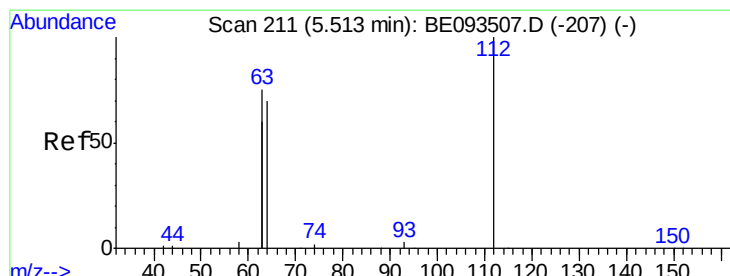
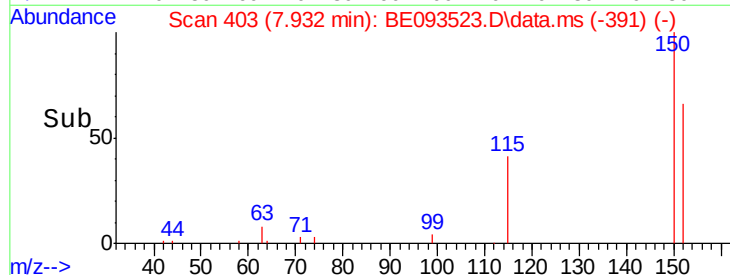
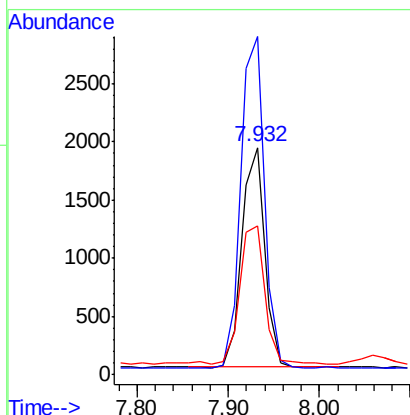
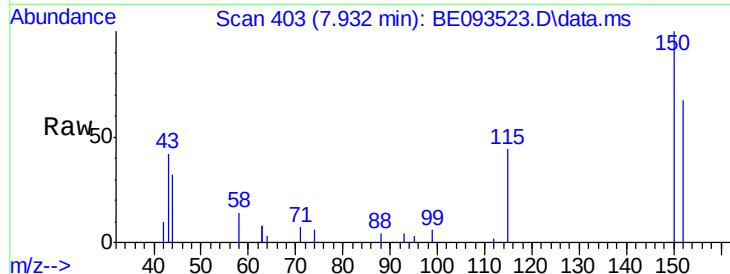




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.932 min Scan# 40
 Delta R.T. 0.002 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

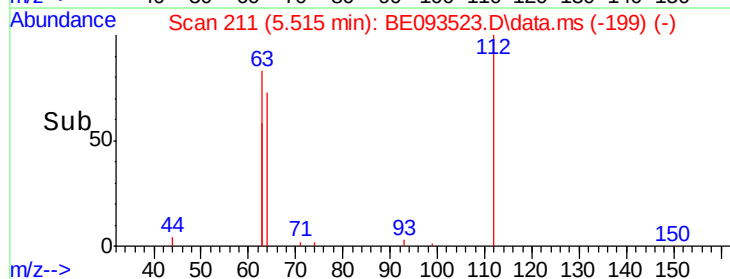
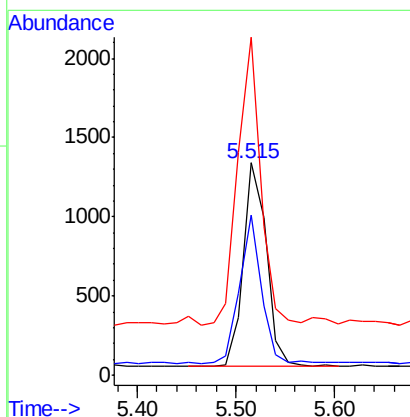
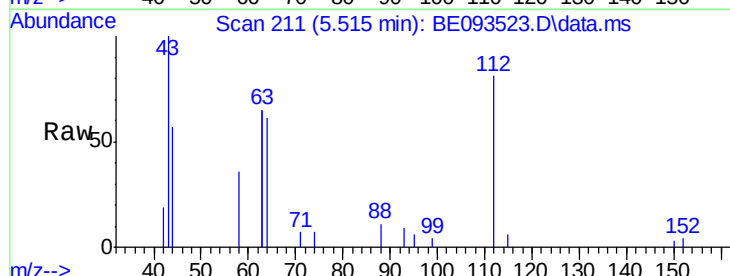
Instrument :
 BNA_E
 ClientSampleId :
 3570-SPP4-DUP

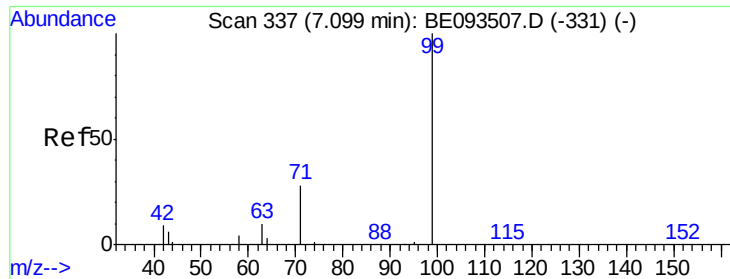
Tot Ion:152 Resp: 3301
 Ion Ratio Lower Upper
 152 100
 150 149.0 125.1 187.7
 115 65.6 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.18 ng
 RT: 5.515 min Scan# 211
 Delta R.T. 0.002 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

Tgt Ion:112 Resp: 2089
 Ion Ratio Lower Upper
 112 100
 64 69.5 56.4 84.6
 63 137.8 29.3 43.9#





#5

Phenol-d6

Concen: 0.13 ng

RT: 7.101 min Scan# 33

Delta R.T. 0.002 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

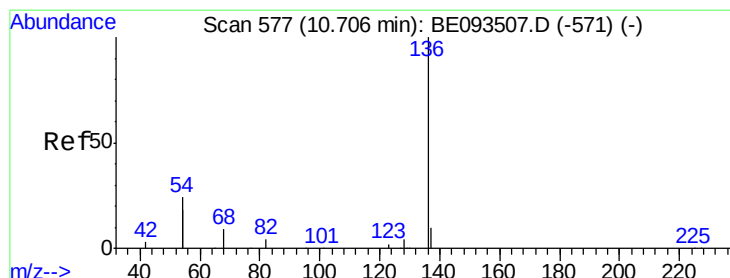
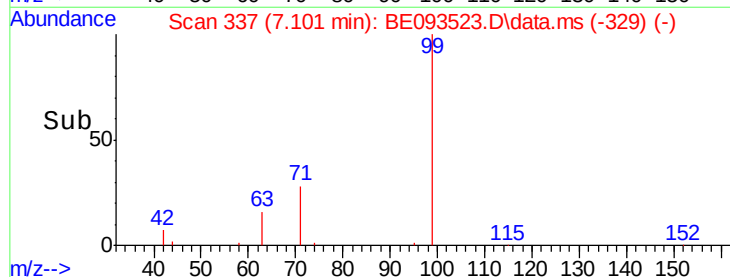
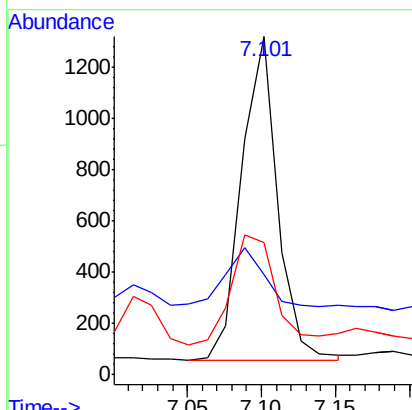
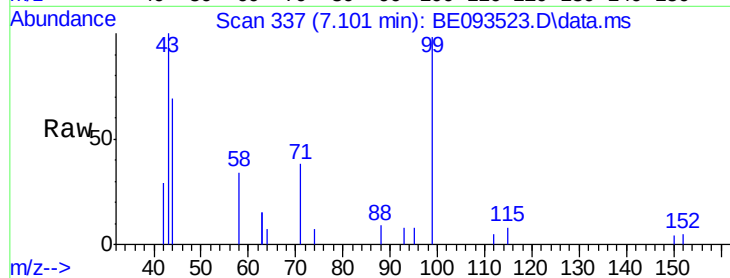
Tot Ion: 99 Resp: 2108

Ion Ratio Lower Upper

99 100

42 19.4 0.0 0.0#

71 41.9 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.706 min Scan# 577

Delta R.T. -0.000 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Tgt Ion: 136 Resp: 16983

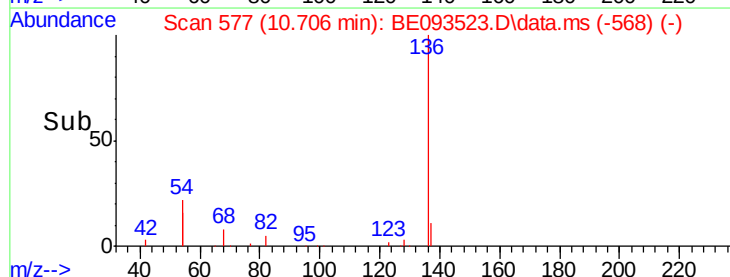
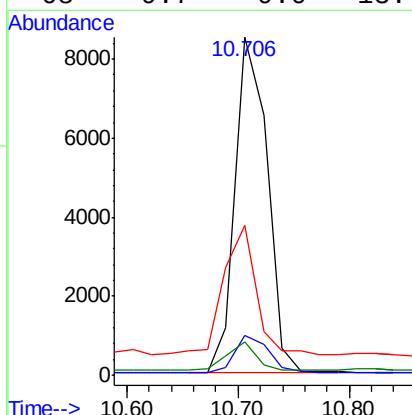
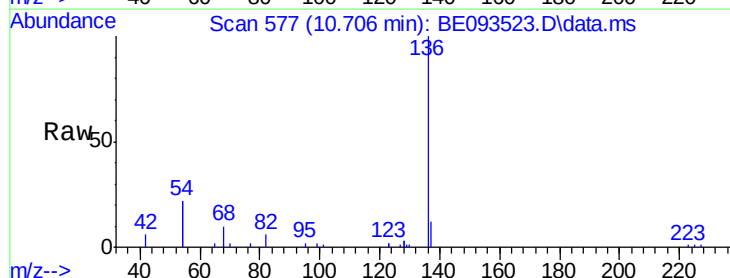
Ion Ratio Lower Upper

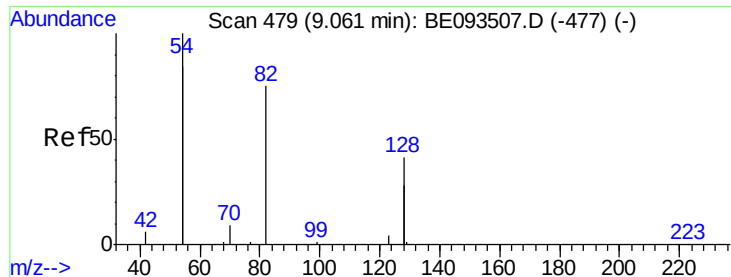
136 100

137 11.6 9.8 14.8

54 44.2 10.3 15.5#

68 9.7 9.0 13.4

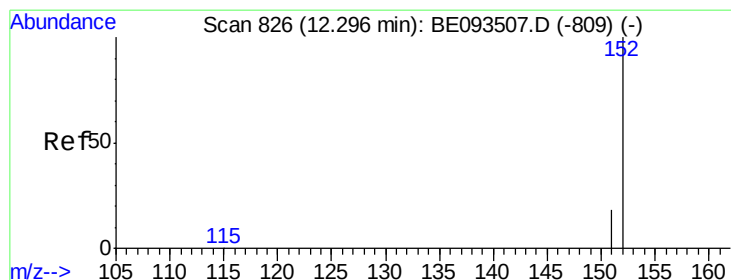
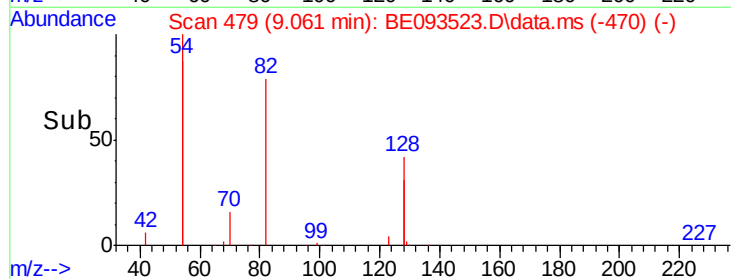
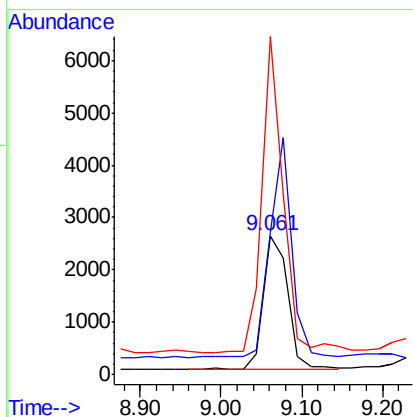
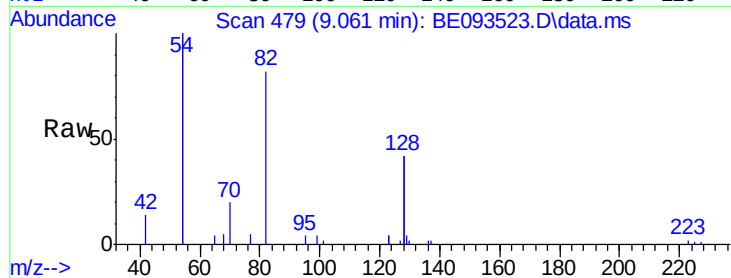




#8
 Nitrobenzene-d5
 Concen: 0.40 ng
 RT: 9.061 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

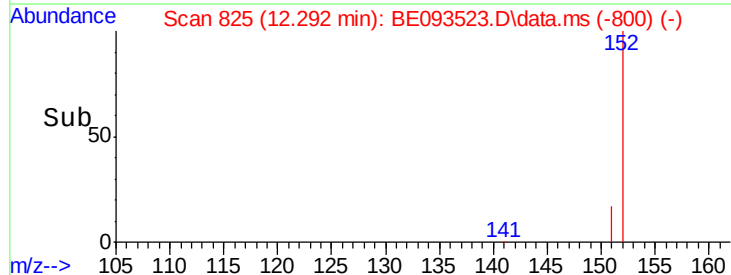
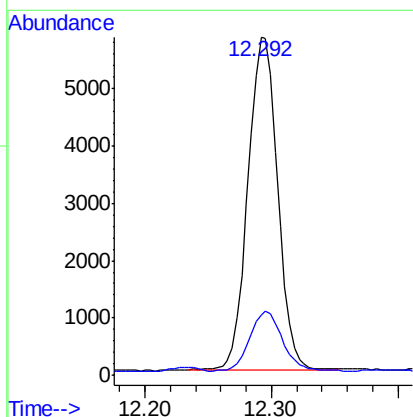
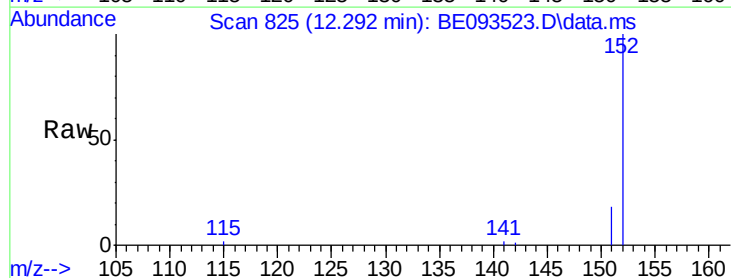
Instrument :
 BNA_E
 ClientSampleId :
 3570-SPP4-DUP

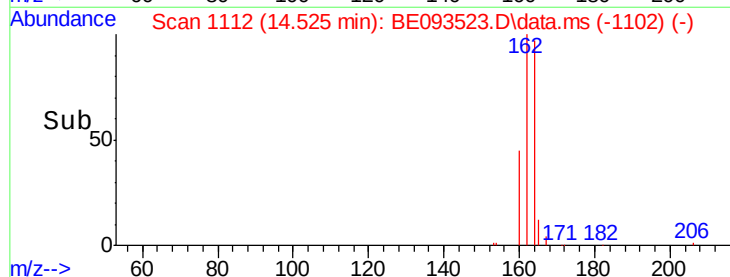
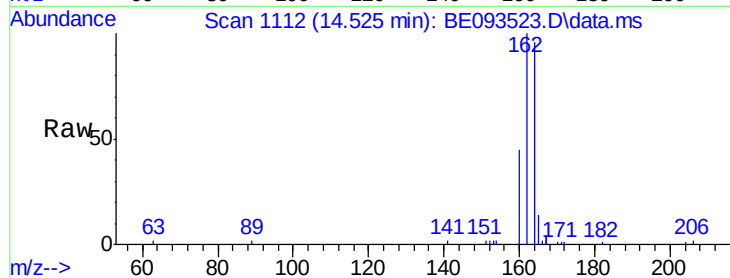
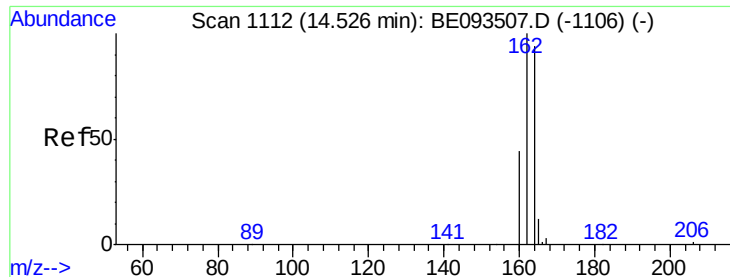
Tot Ion	82	Resp	5422
Ion	Ratio	Lower	Upper
82	100		
128	102.7	17.0	25.4#
54	243.4	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.35 ng
 RT: 12.292 min Scan# 825
 Delta R.T. -0.004 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

Tgt Ion	152	Resp	9510
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# 111

Delta R.T. -0.001 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

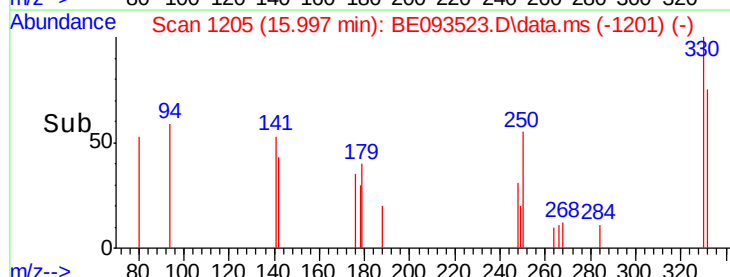
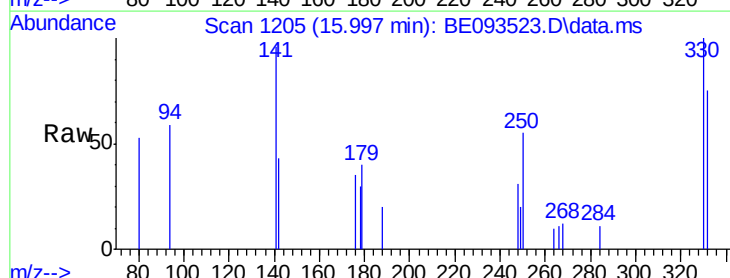
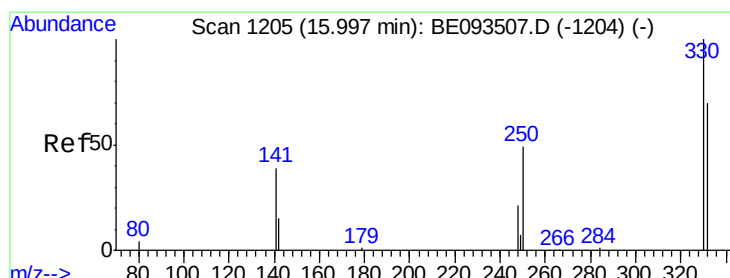
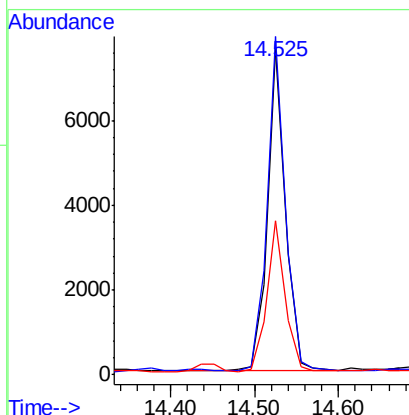
Tot Ion:164 Resp: 11443

Ion Ratio Lower Upper

164 100

162 104.1 84.6 127.0

160 47.3 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.32 ng

RT: 15.997 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

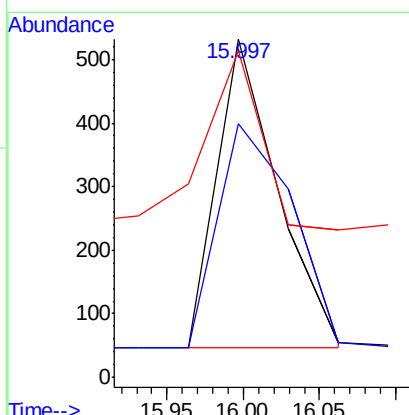
Tgt Ion:330 Resp: 1330

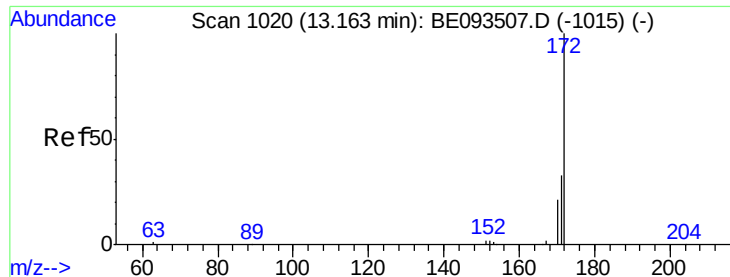
Ion Ratio Lower Upper

330 100

332 89.8 77.7 116.5

141 52.9 56.2 84.4#

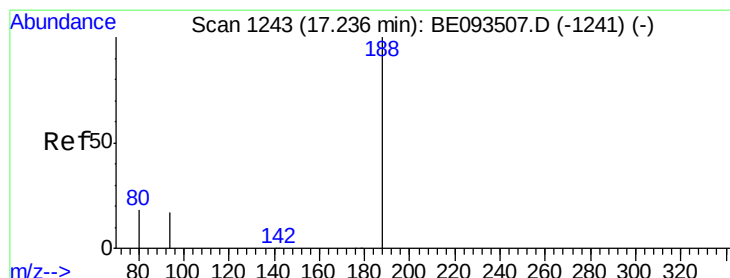
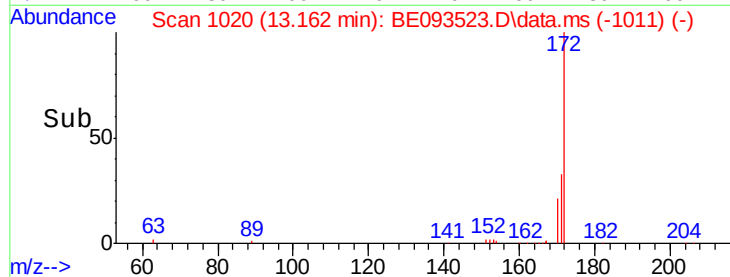
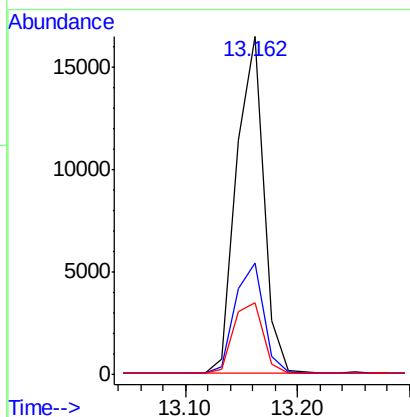
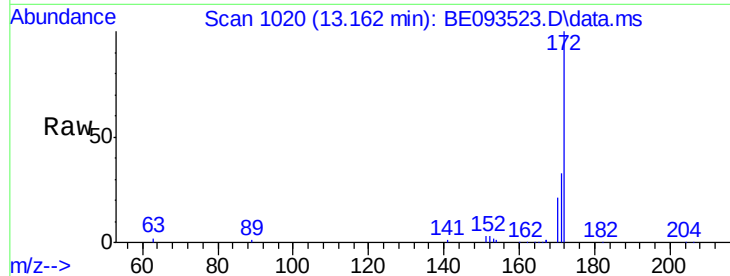




#15
2-Fluorobiphenyl
Concen: 0.62 ng
RT: 13.162 min Scan# 101
Delta R.T. -0.001 min
Lab File: BE093523.D
Acq: 22 Jul 2017 00:15

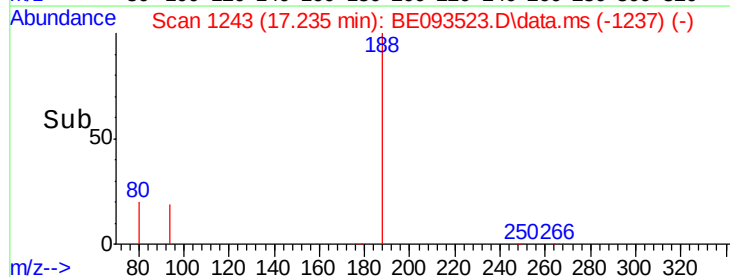
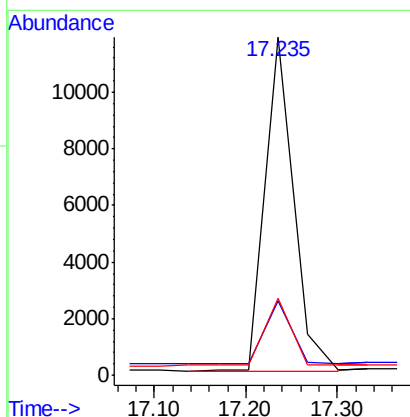
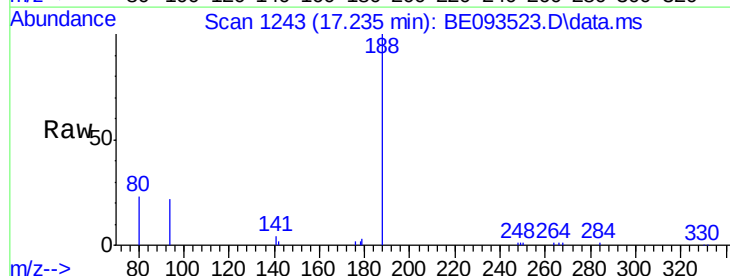
Instrument :
BNA_E
ClientSampleId :
3570-SPP4-DUP

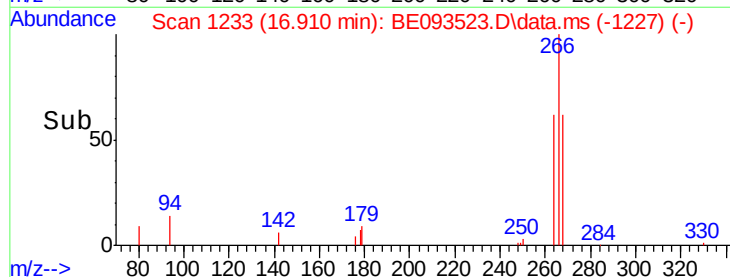
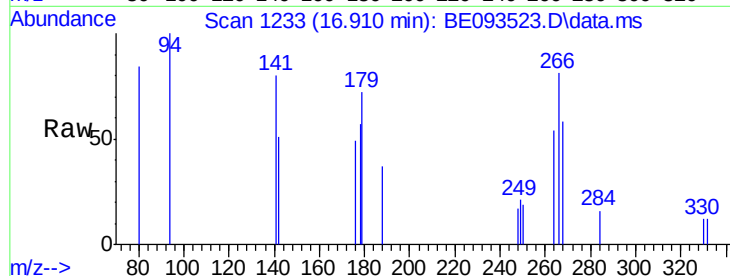
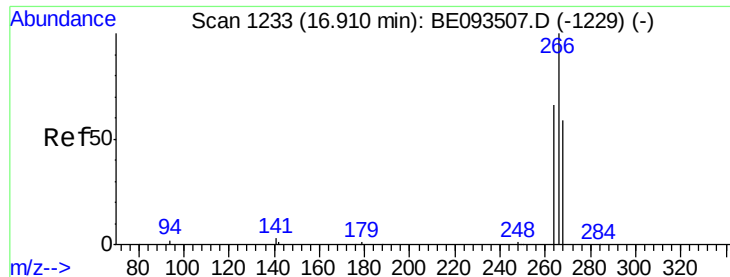
Tot Ion:172 Resp: 27939
Ion Ratio Lower Upper
172 100
171 33.0 29.8 44.6
170 21.1 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE093523.D
Acq: 22 Jul 2017 00:15

Tgt Ion:188 Resp: 25721
Ion Ratio Lower Upper
188 100
94 21.9 11.3 16.9#
80 22.6 11.7 17.5#

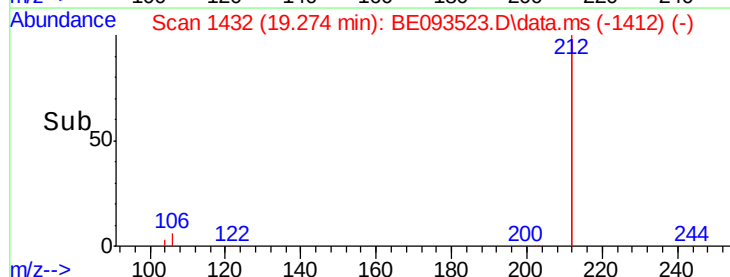
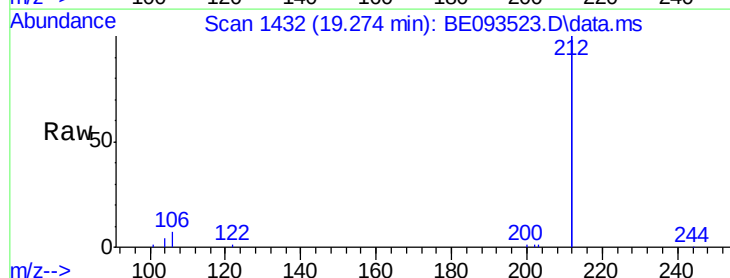
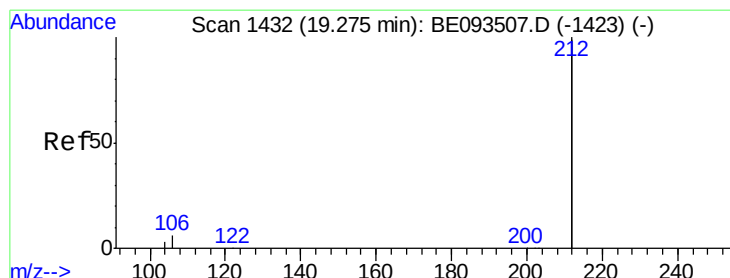
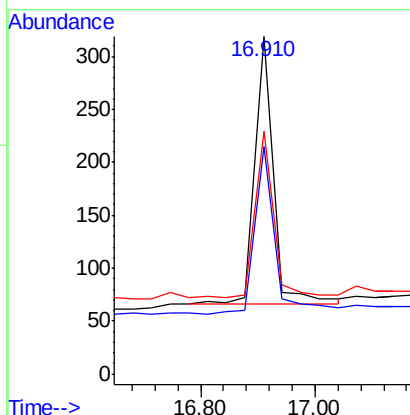




#22
 Pentachlorophenol
 Concen: 0.26 ng
 RT: 16.910 min Scan# 1233
 Delta R.T. -0.000 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

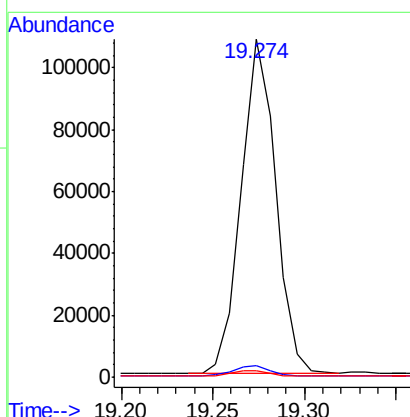
Instrument :
 BNA_E
 ClientSampleId :
 3570-SPP4-DUP

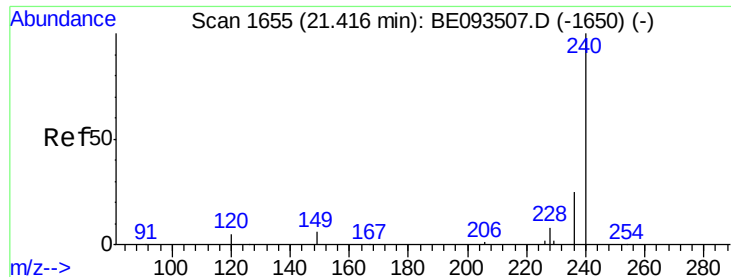
Tot Ion	Ratio	Lower	Upper
266	100		
264	67.4	56.0	84.0
268	71.8	52.0	78.0



#25
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.274 min Scan# 1432
 Delta R.T. -0.001 min
 Lab File: BE093523.D
 Acq: 22 Jul 2017 00:15

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.4	3.6
104	1.8	1.6	2.4





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.415 min Scan# 1655

Delta R.T. -0.001 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

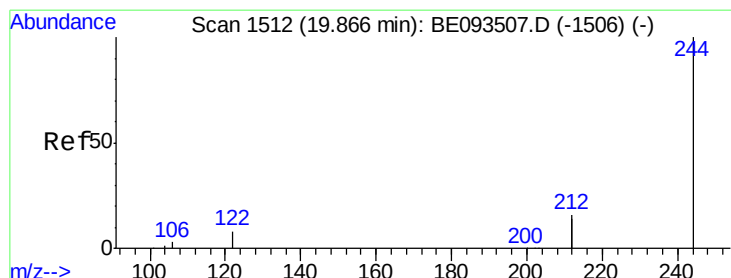
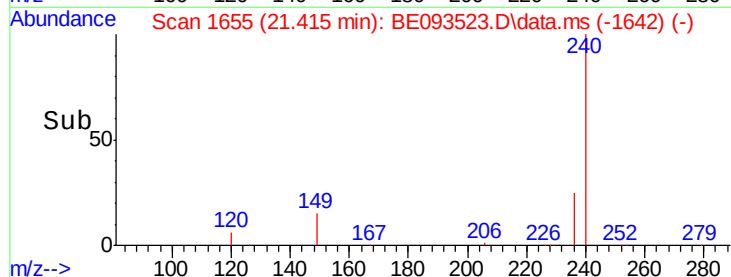
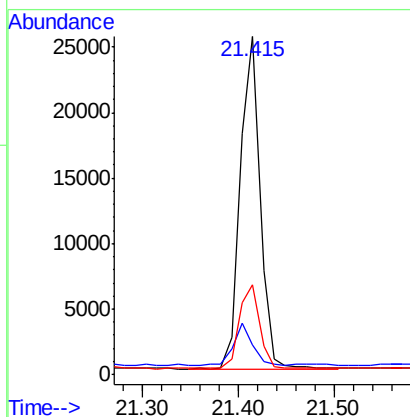
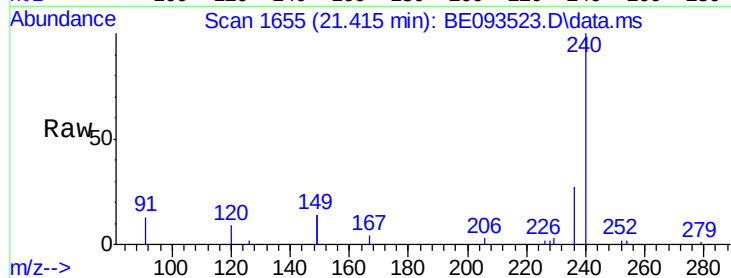
Tot Ion:240 Resp: 36550

Ion Ratio Lower Upper

240 100

120 8.7 4.6 7.0#

236 26.6 20.8 31.2



#29

Terphenyl-d14

Concen: 0.75 ng

RT: 19.865 min Scan# 1512

Delta R.T. -0.001 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

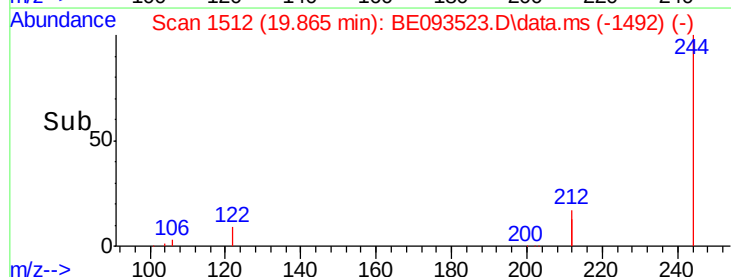
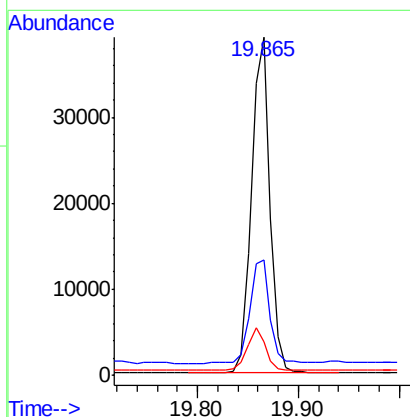
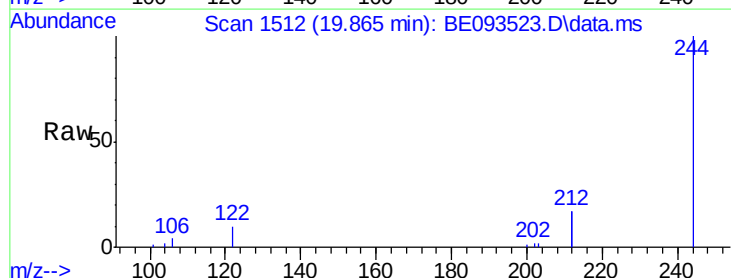
Tgt Ion:244 Resp: 49903

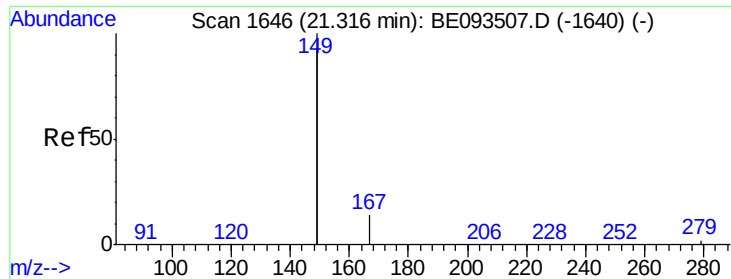
Ion Ratio Lower Upper

244 100

212 34.1 10.6 16.0#

122 10.1 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 21.315 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Instrument :

BNA_E

ClientSampleId :

3570-SPP4-DUP

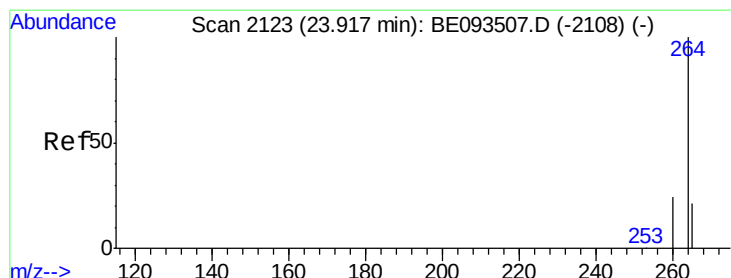
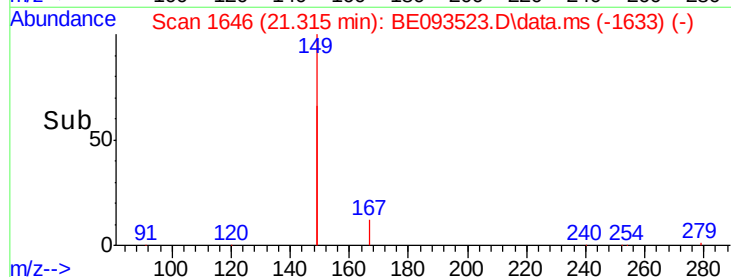
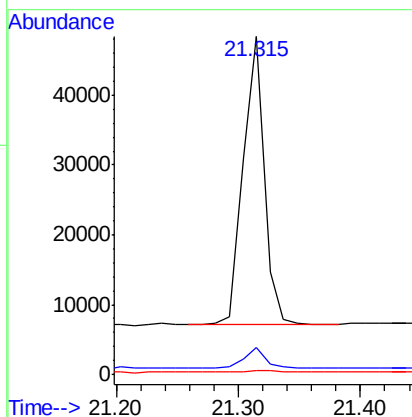
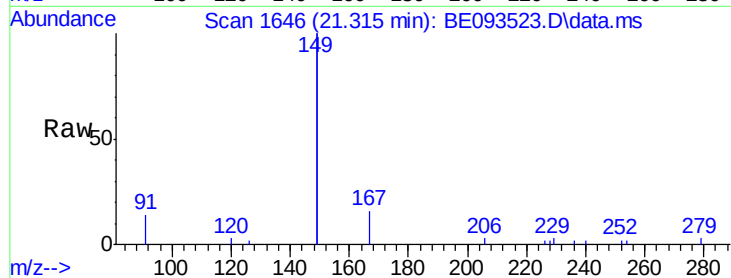
Tot Ion:149 Resp: 50580

Ion Ratio Lower Upper

149 100

167 7.0 4.8 7.2

279 1.0 0.8 1.2



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.916 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BE093523.D

Acq: 22 Jul 2017 00:15

Tgt Ion:264 Resp: 31068

Ion Ratio Lower Upper

264 100

260 25.6 21.0 31.4

265 33.2 24.6 36.8

