

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093520.D
 Acq On : 21 Jul 2017 22:25
 Operator : SJ/JU
 Sample : I4199-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3567-SPP2

Quant Time: Jul 22 03:20:25 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

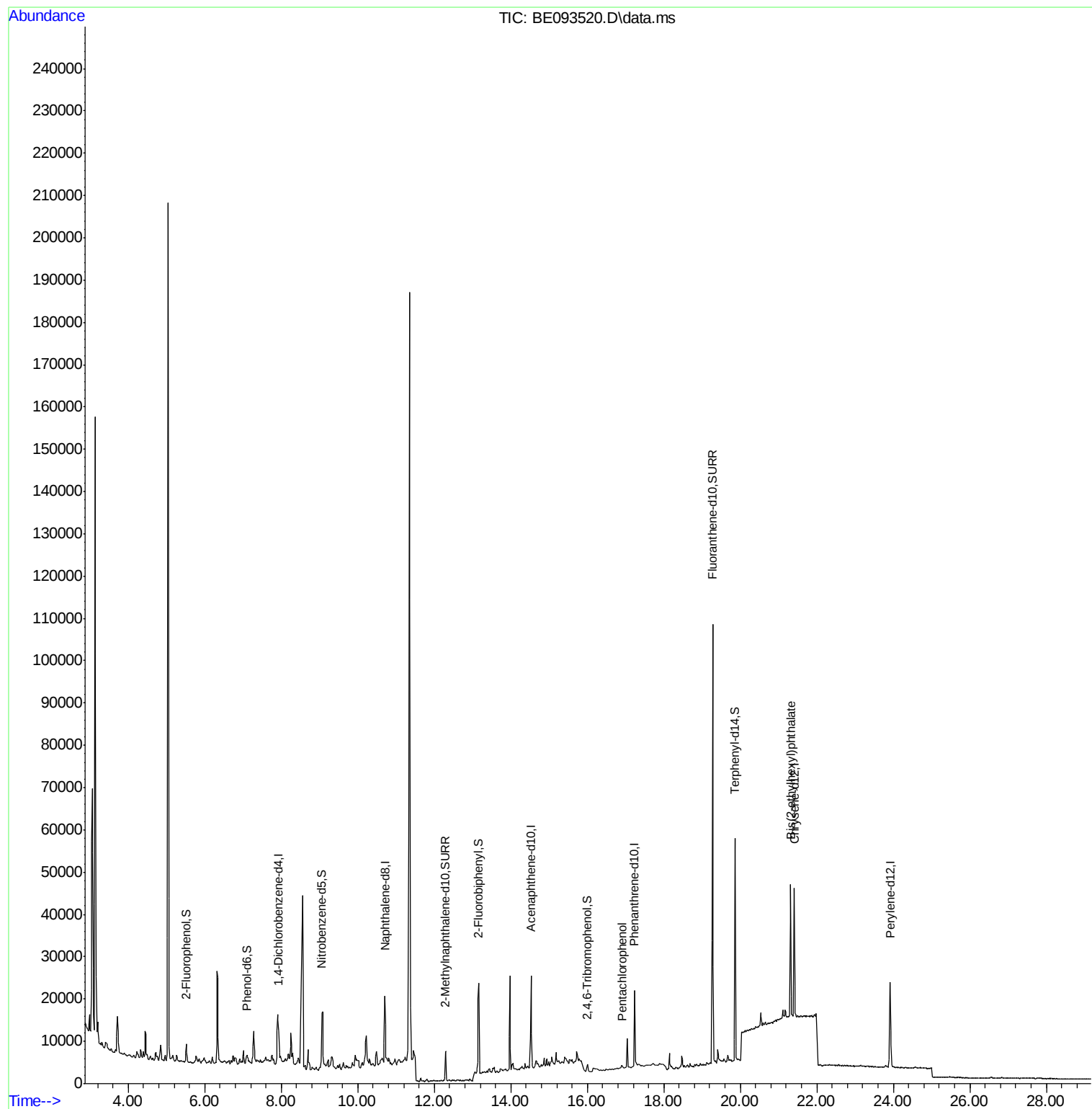
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.932	152	3711	0.40	ng	0.00
7) Naphthalene-d8	10.706	136	18894	0.40	ng	0.00
13) Acenaphthene-d10	14.525	164	12638	0.40	ng	0.00
19) Phenanthrene-d10	17.236	188	28325	0.40	ng	0.00
27) Chrysene-d12	21.415	240	35980	0.40	ng	0.00
34) Perylene-d12	23.916	264	30874	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	2006	0.16	ng	0.00
5) Phenol-d6	7.102	99	2156	0.12	ng	0.00
8) Nitrobenzene-d5	9.061	82	5803	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.292	152	9634	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.997	330	1404	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.162	172	22635	0.46	ng	0.00
25) Fluoranthene-d10	19.274	212	131224	0.29	ng	0.00
29) Terphenyl-d14	19.866	244	46425	0.71	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.910	266	638	0.26	ng	93
32) Bis(2-ethylhexyl)phtha...	21.315	149	38525	0.16	ng	98

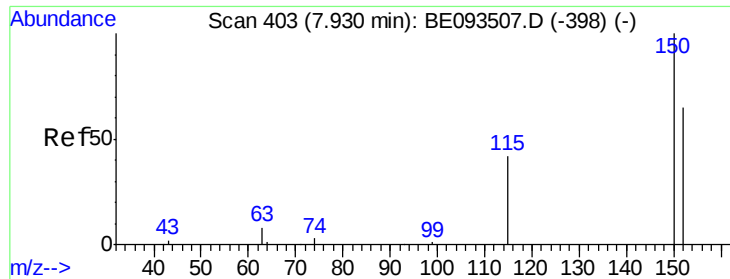
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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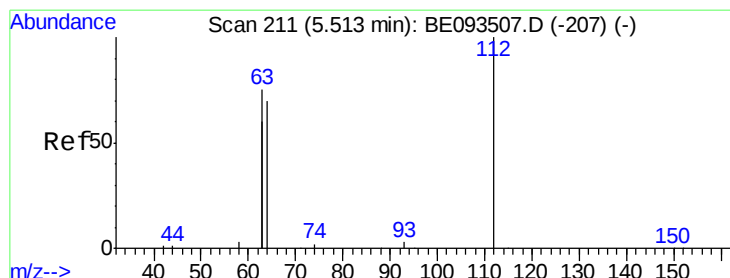
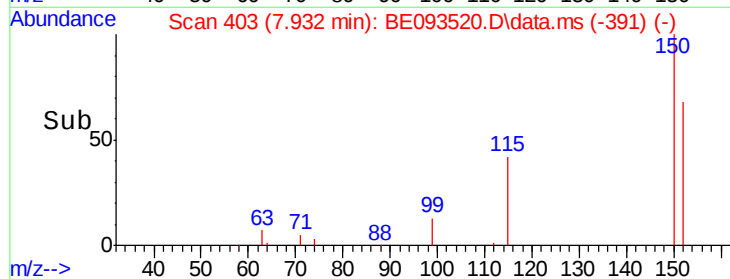
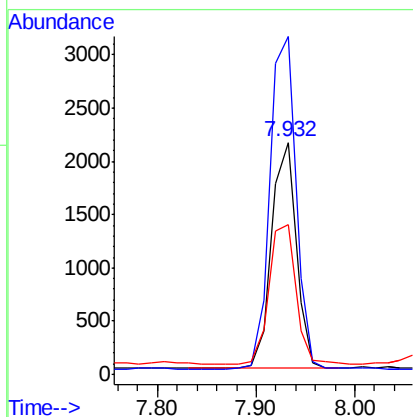
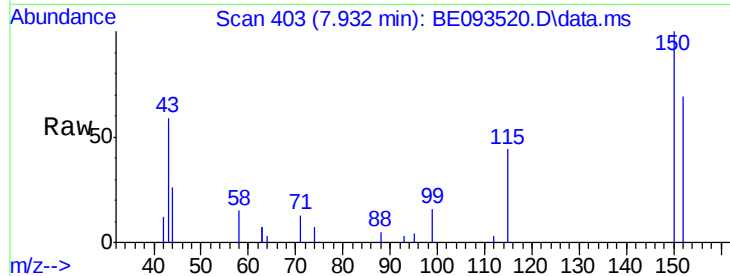




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.932 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

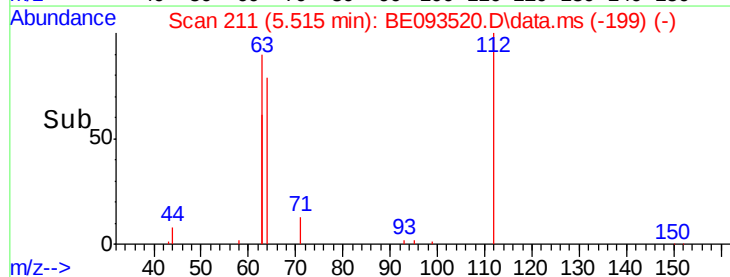
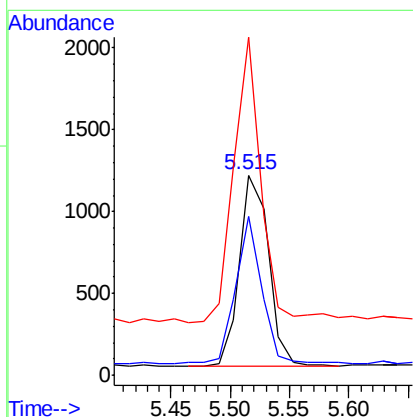
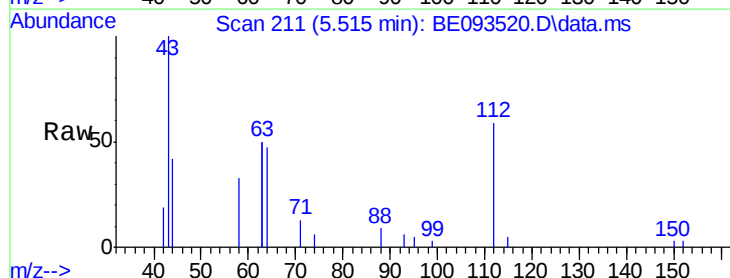
Instrument :
 BNA_E
 ClientSampleId :
 3567-SPP2

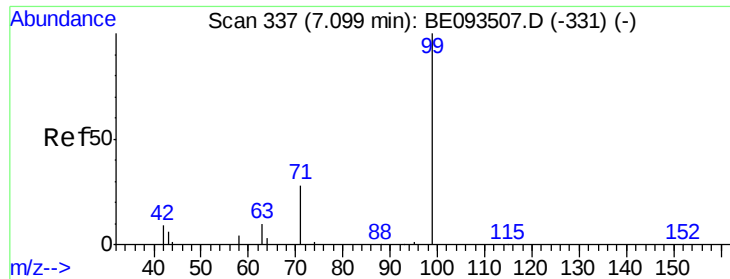
Tot Ion:152 Resp: 3711
 Ion Ratio Lower Upper
 152 100
 150 145.5 125.1 187.7
 115 64.5 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.515 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

Tgt Ion:112 Resp: 2006
 Ion Ratio Lower Upper
 112 100
 64 69.3 56.4 84.6
 63 143.5 29.3 43.9#





#5

Phenol-d6

Concen: 0.12 ng

RT: 7.102 min Scan# 337

Delta R.T. 0.003 min

Lab File: BE093520.D

Acq: 21 Jul 2017 22:25

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

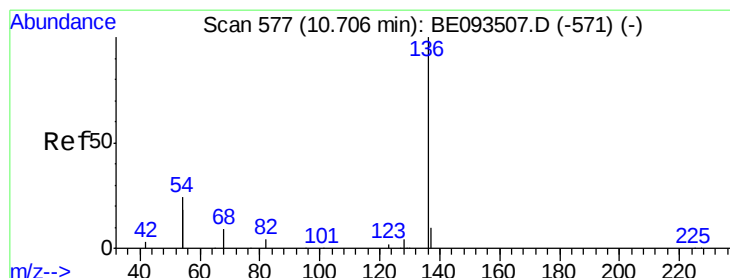
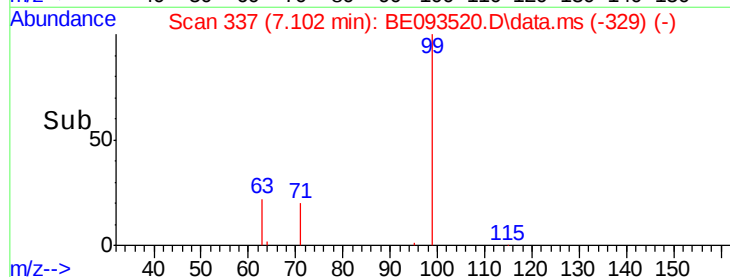
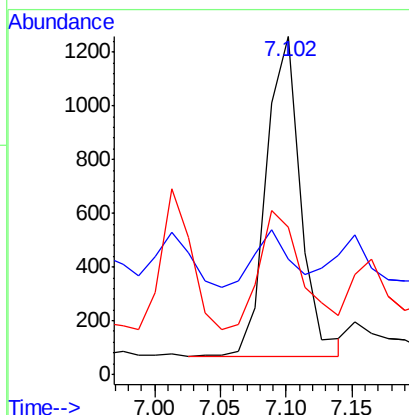
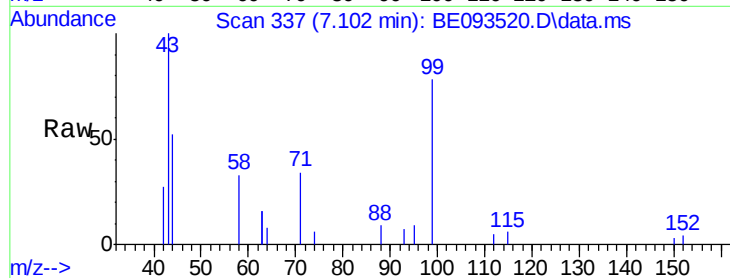
Tot Ion: 99 Resp: 2156

Ion Ratio Lower Upper

99 100

42 18.4 0.0 0.0#

71 46.7 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: BE093520.D

Acq: 21 Jul 2017 22:25

Tgt Ion: 136 Resp: 18894

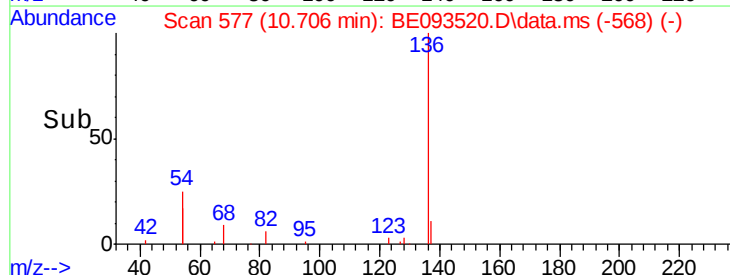
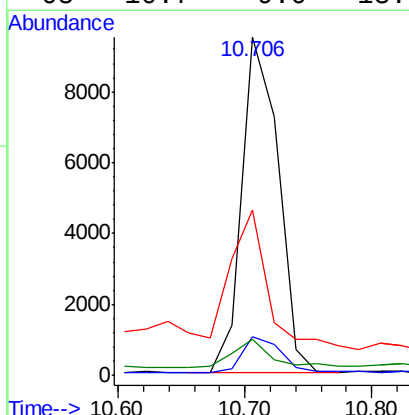
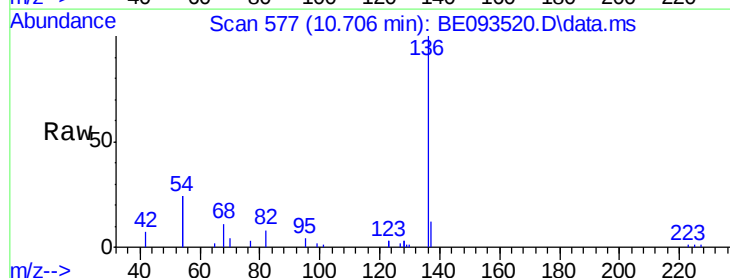
Ion Ratio Lower Upper

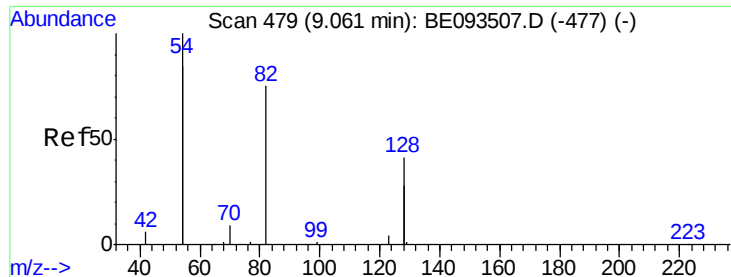
136 100

137 11.5 9.8 14.8

54 48.9 10.3 15.5#

68 10.7 9.0 13.4

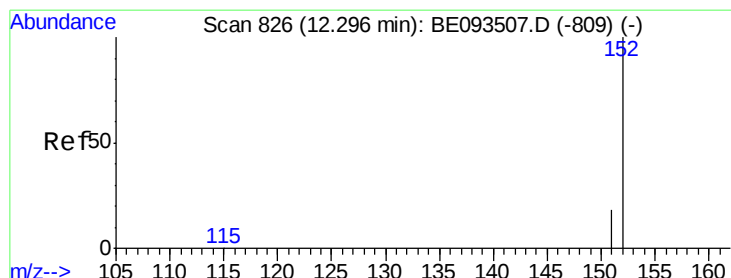
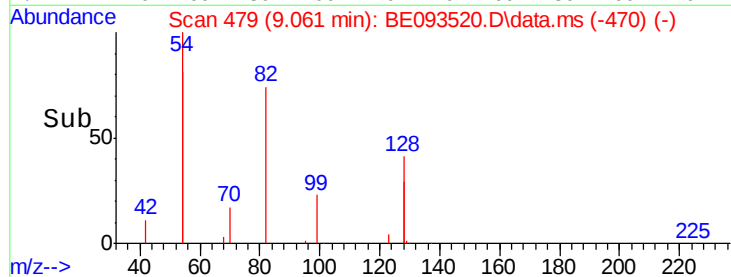
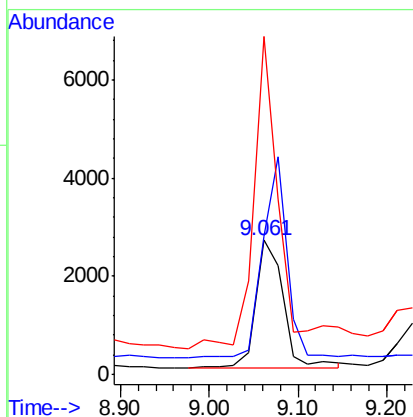
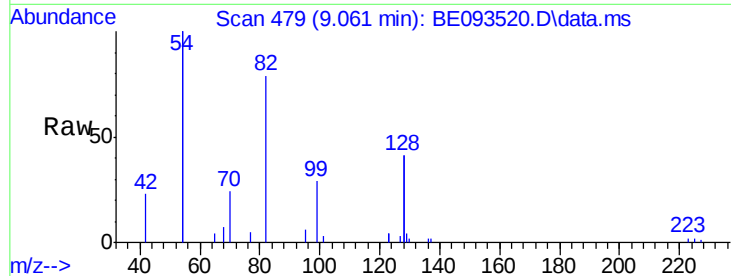




#8
 Nitrobenzene-d5
 Concen: 0.39 ng
 RT: 9.061 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

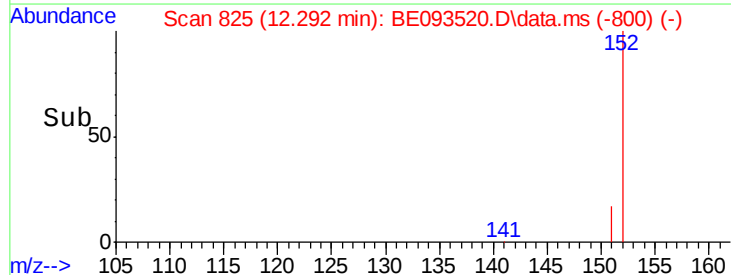
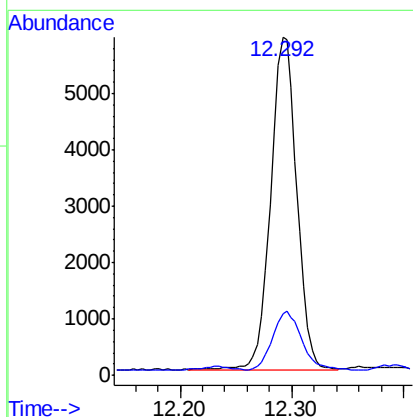
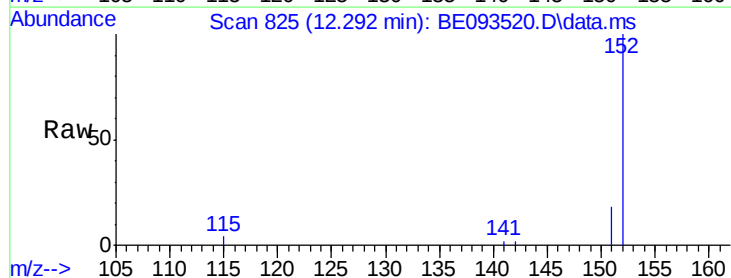
Instrument :
 BNA_E
 ClientSampleId :
 3567-SPP2

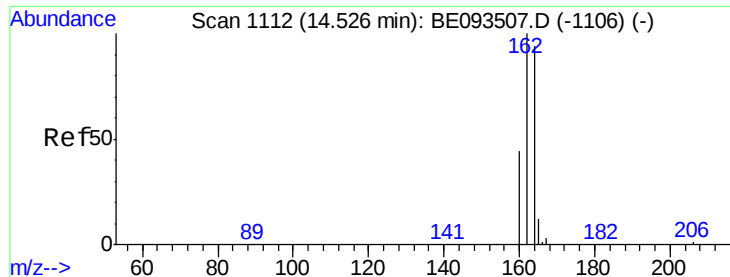
Tot Ion: 82 Resp: 5803
 Ion Ratio Lower Upper
 82 100
 128 102.9 17.0 25.4#
 54 251.9 53.8 80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.32 ng
 RT: 12.292 min Scan# 825
 Delta R.T. -0.004 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

Tgt Ion: 152 Resp: 9634
 Ion Ratio Lower Upper
 152 100
 151 20.0 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: BE093520.D

Acq: 21 Jul 2017 22:25

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

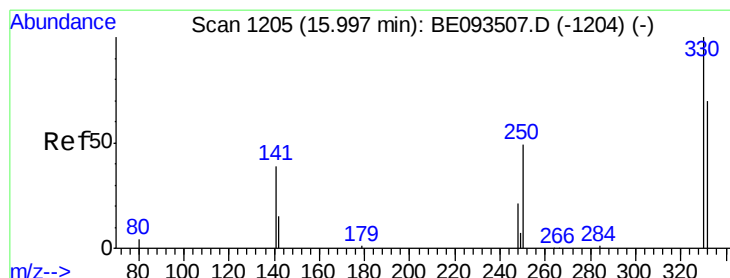
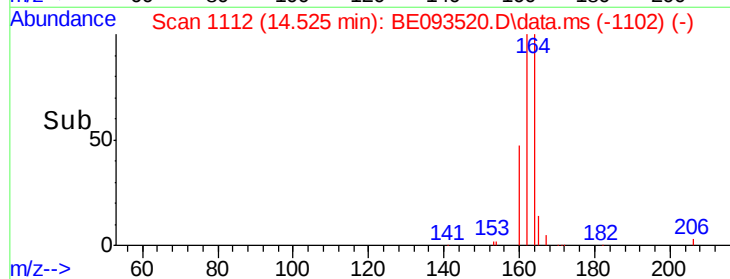
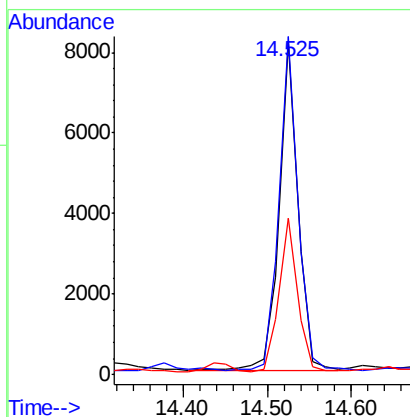
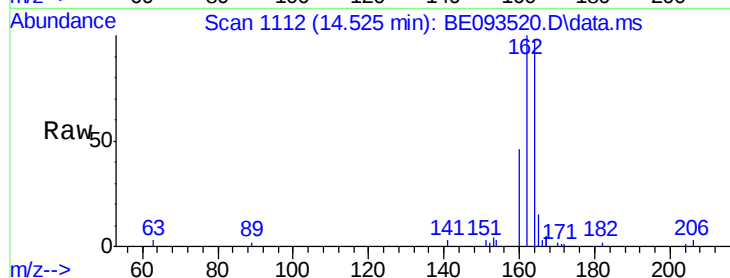
Tot Ion:164 Resp: 12638

Ion Ratio Lower Upper

164 100

162 102.0 84.6 127.0

160 47.2 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.31 ng

RT: 15.997 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BE093520.D

Acq: 21 Jul 2017 22:25

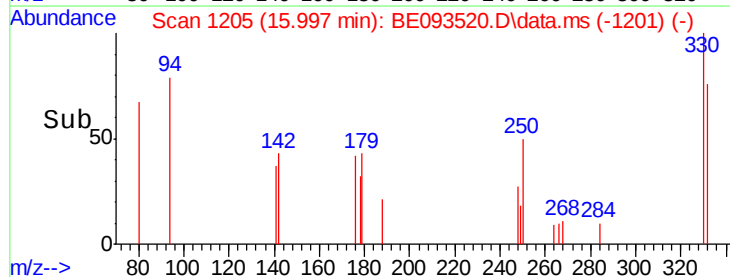
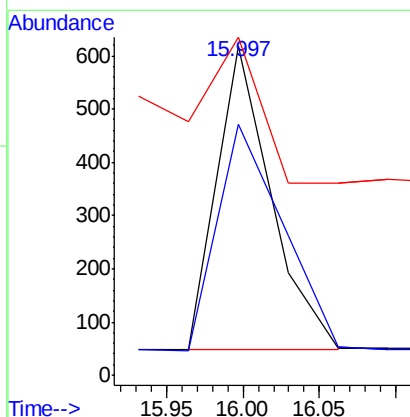
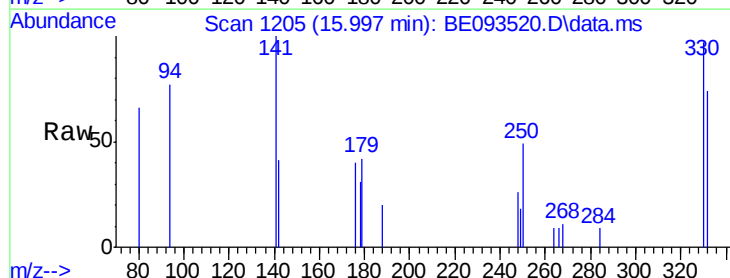
Tgt Ion:330 Resp: 1404

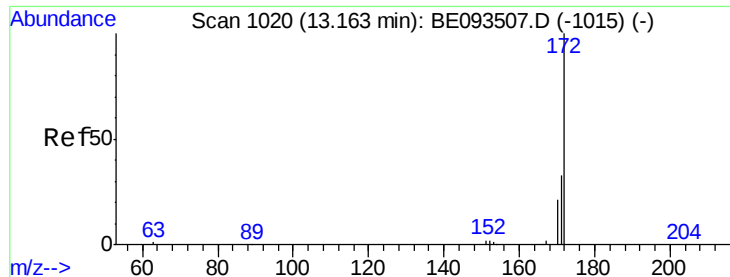
Ion Ratio Lower Upper

330 100

332 90.4 77.7 116.5

141 38.3 56.2 84.4#

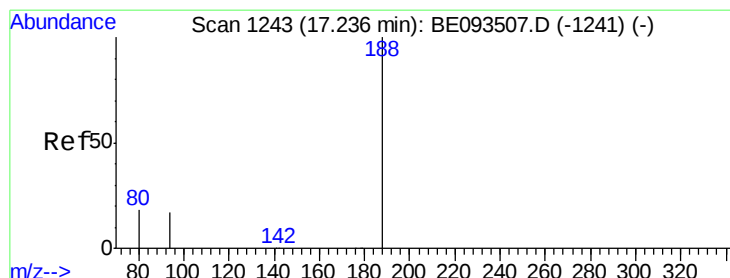
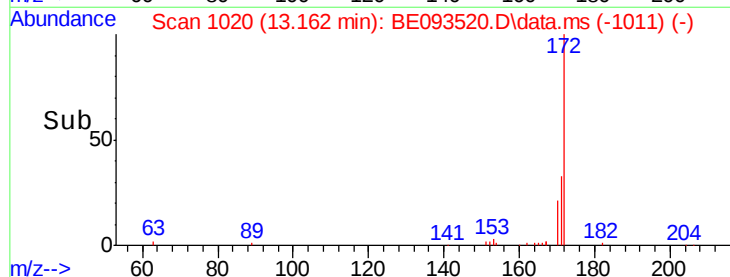
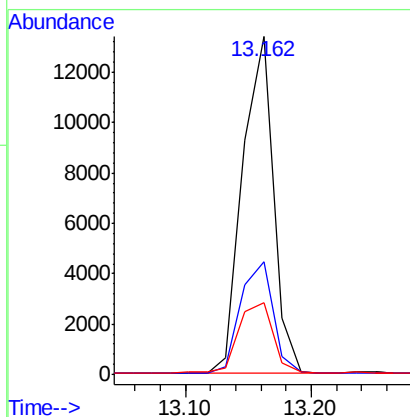
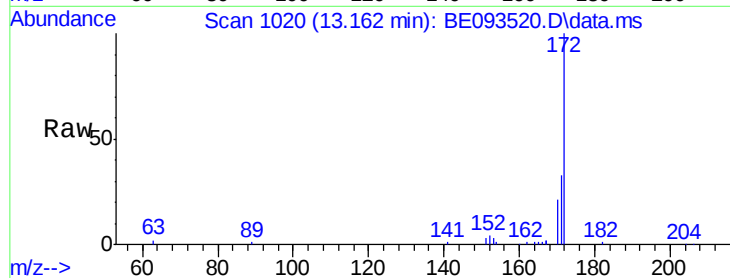




#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 13.162 min Scan# 101
Delta R.T. -0.001 min
Lab File: BE093520.D
Acq: 21 Jul 2017 22:25

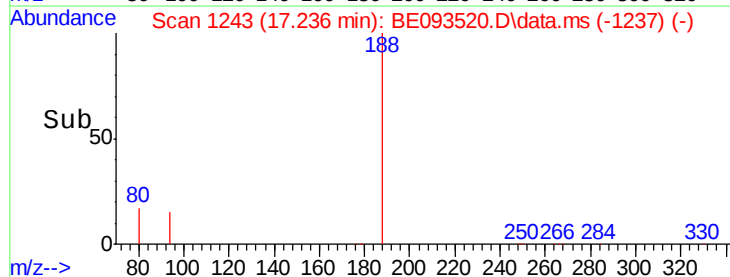
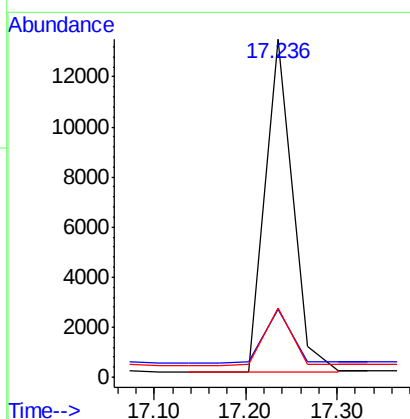
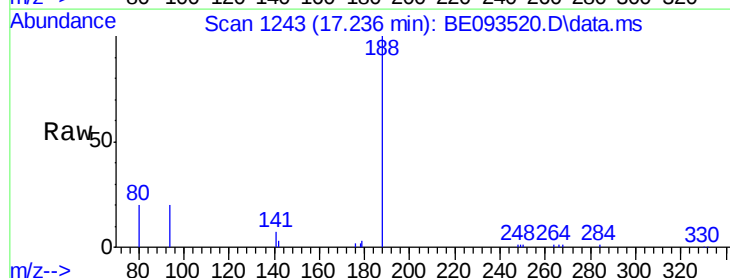
Instrument :
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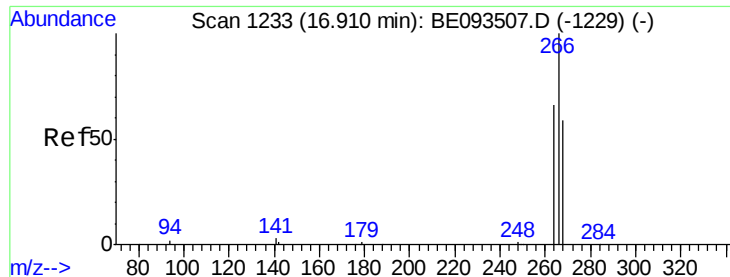
Tot Ion:172 Resp: 22635
Ion Ratio Lower Upper
172 100
171 33.4 29.8 44.6
170 21.4 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.236 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BE093520.D
Acq: 21 Jul 2017 22:25

Tgt Ion:188 Resp: 28325
Ion Ratio Lower Upper
188 100
94 20.0 11.3 16.9#
80 20.5 11.7 17.5#

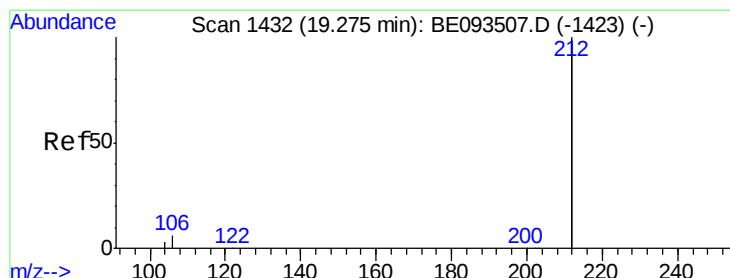
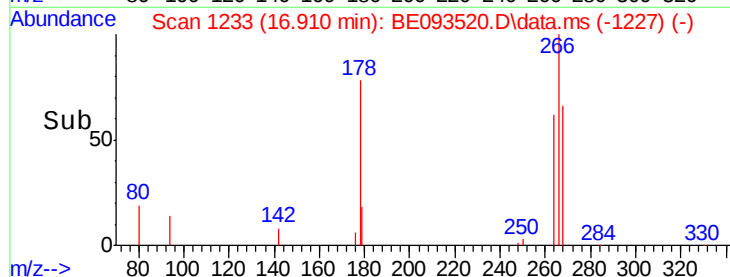
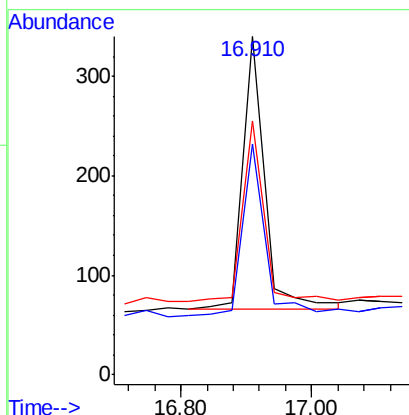
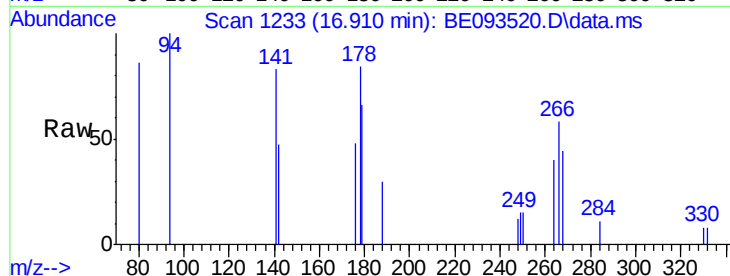




#22
 Pentachlorophenol
 Concen: 0.26 ng
 RT: 16.910 min Scan# 1233
 Delta R.T. -0.000 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

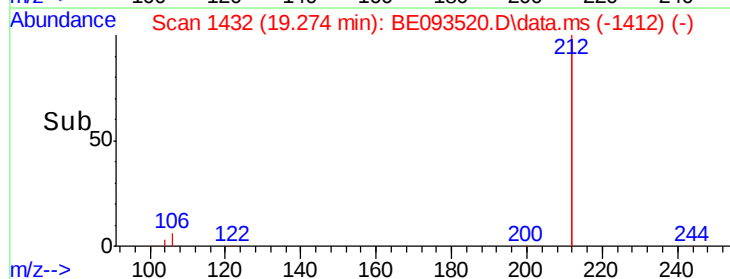
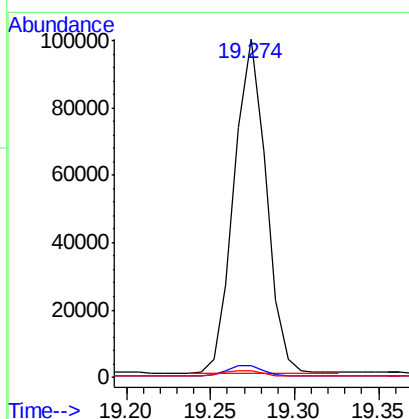
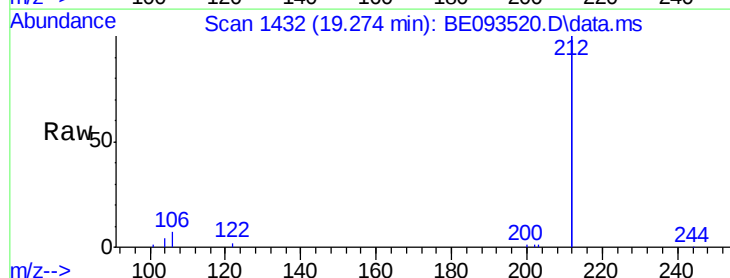
Instrument :
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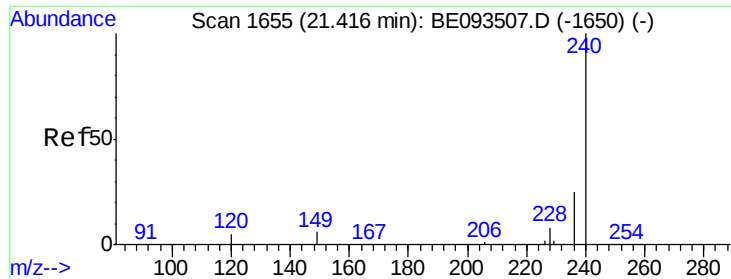
Tot Ion:266 Resp: 638
 Ion Ratio Lower Upper
 266 100
 264 68.2 56.0 84.0
 268 75.0 52.0 78.0



#25
 Fluoranthene-d10
 Concen: 0.29 ng
 RT: 19.274 min Scan# 1432
 Delta R.T. -0.001 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

Tgt Ion:212 Resp: 131224
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.9 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: BE093520.D

Acq: 21 Jul 2017 22:25

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

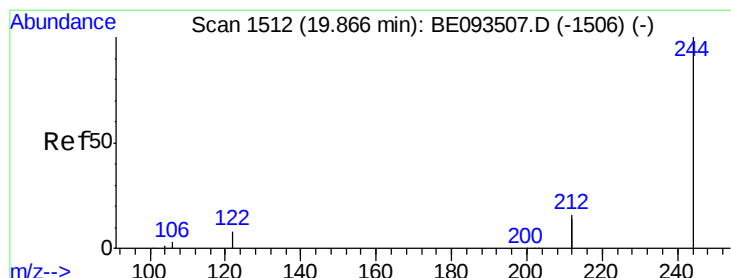
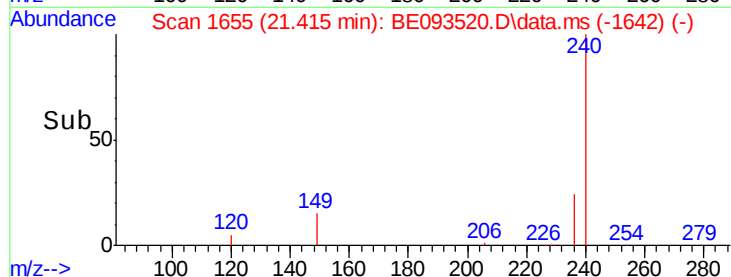
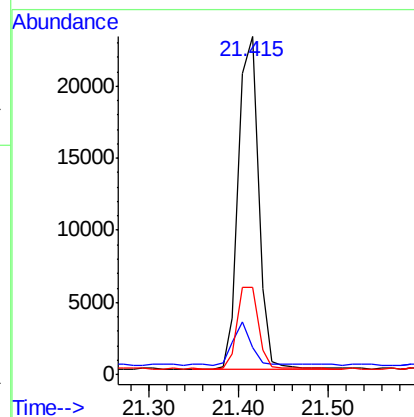
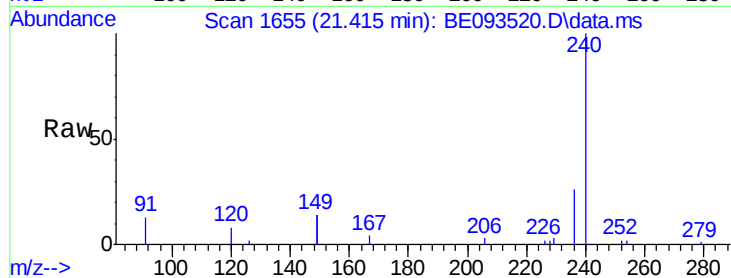
Tot Ion:240 Resp: 35980

Ion Ratio Lower Upper

240 100

120 8.0 4.6 7.0#

236 25.7 20.8 31.2



#29

Terphenyl-d14

Concen: 0.71 ng

RT: 19.866 min Scan# 1512

Delta R.T. -0.001 min

Lab File: BE093520.D

Acq: 21 Jul 2017 22:25

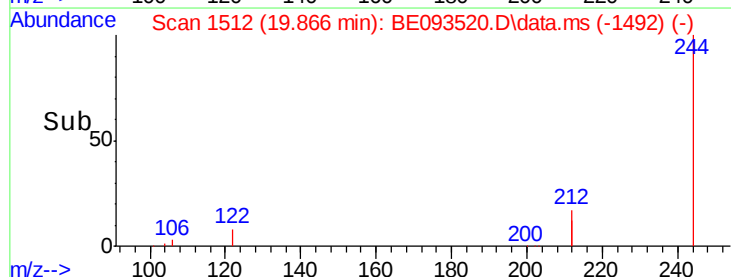
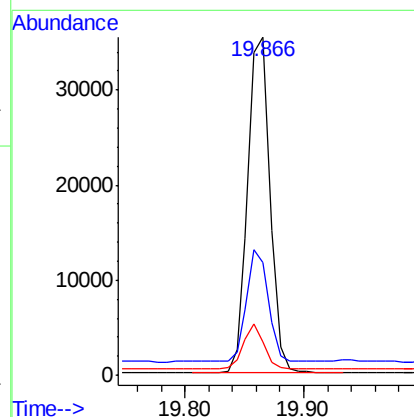
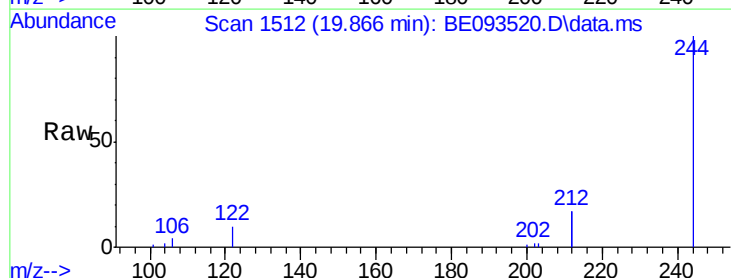
Tgt Ion:244 Resp: 46425

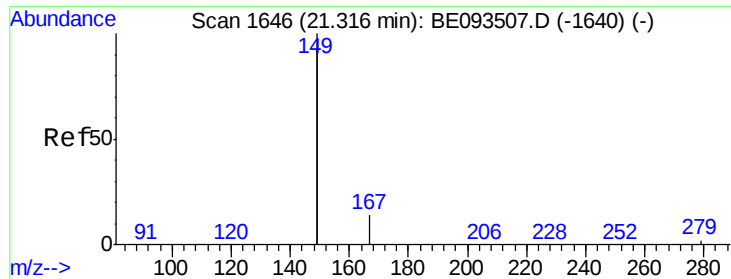
Ion Ratio Lower Upper

244 100

212 33.4 10.6 16.0#

122 10.0 15.4 23.0#

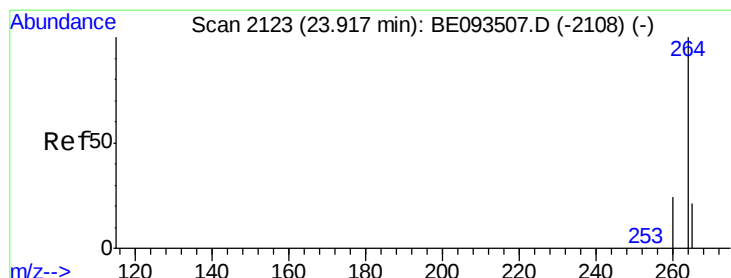
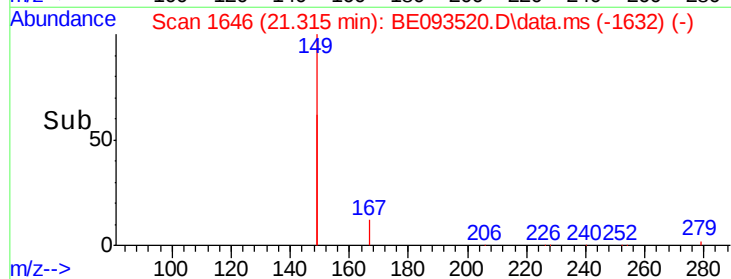
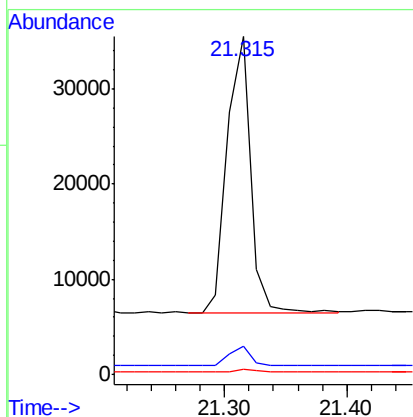
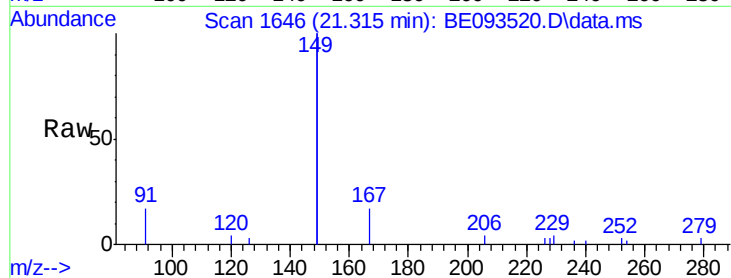




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.315 min Scan# 1646
 Delta R.T. 0.000 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

Instrument :
 BNA_E
 ClientSampleId :
 3567-SPP2

Tot Ion	Ratio	Lower	Upper
149	100		
167	7.0	4.8	7.2
279	1.1	0.8	1.2



#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.916 min Scan# 2123
 Delta R.T. -0.001 min
 Lab File: BE093520.D
 Acq: 21 Jul 2017 22:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	21.0	31.4
265	31.9	24.6	36.8

