

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093519.D
 Acq On : 21 Jul 2017 21:46
 Operator : SJ/JU
 Sample : I4199-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3566-SPP1

Quant Time: Jul 22 03:14:47 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

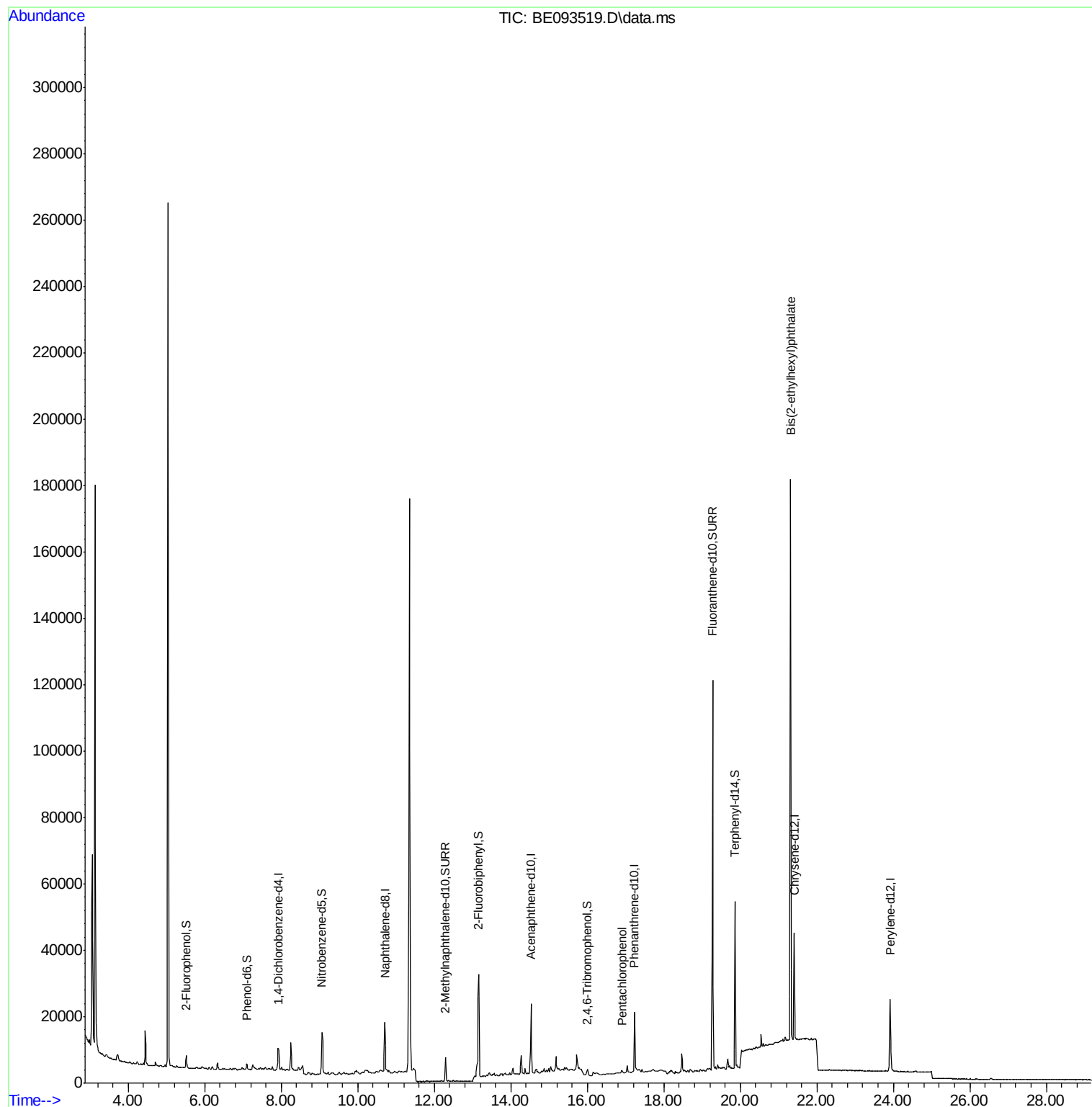
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.933	152	3586	0.40	ng	0.00
7) Naphthalene-d8	10.706	136	17557	0.40	ng	0.00
13) Acenaphthene-d10	14.524	164	11729	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	27989	0.40	ng	0.00
27) Chrysene-d12	21.416	240	37298	0.40	ng	0.00
34) Perylene-d12	23.915	264	31905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.516	112	2009	0.16	ng	0.00
5) Phenol-d6	7.102	99	1948	0.11	ng	0.00
8) Nitrobenzene-d5	9.061	82	5713	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.292	152	10029	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.996	330	1455	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.161	172	31625	0.69	ng	0.00
25) Fluoranthene-d10	19.275	212	146906	0.33	ng	0.00
29) Terphenyl-d14	19.859	244	41871	0.62	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.909	266	851	0.29	ng	94
32) Bis(2-ethylhexyl)phtha...	21.316	149	220073	0.91	ng	98

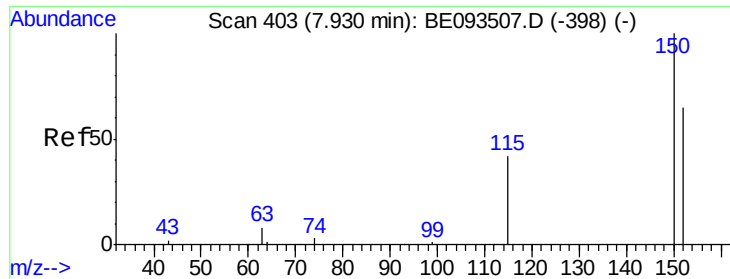
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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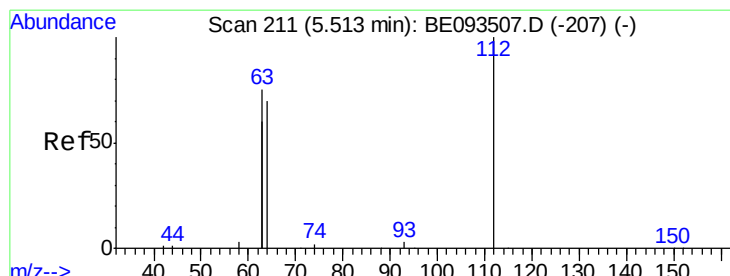
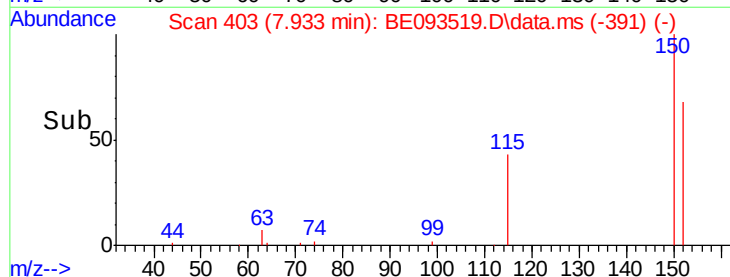
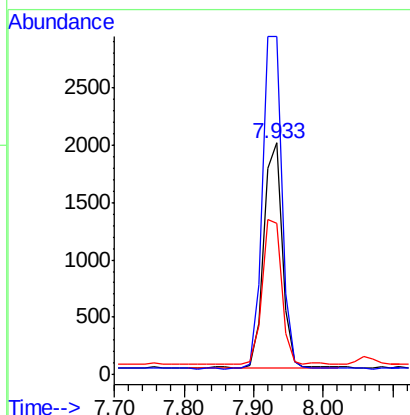
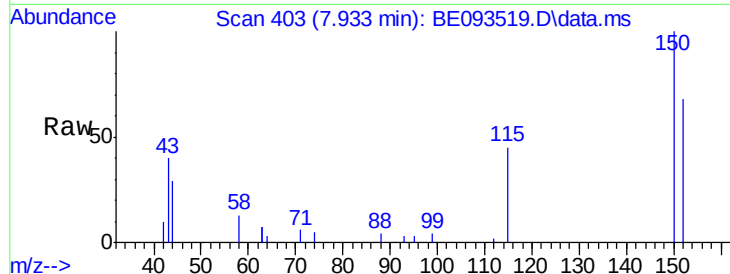




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.933 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

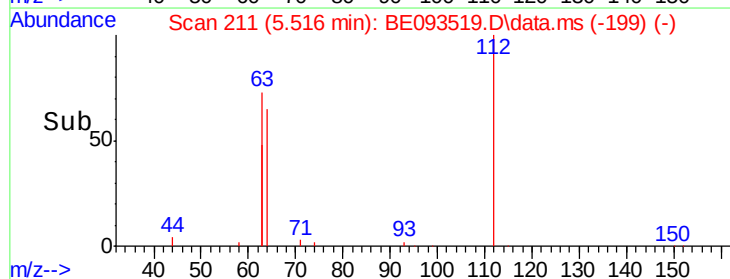
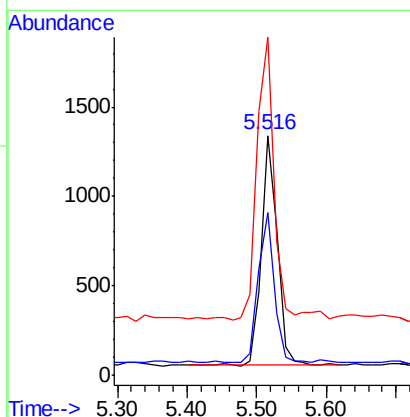
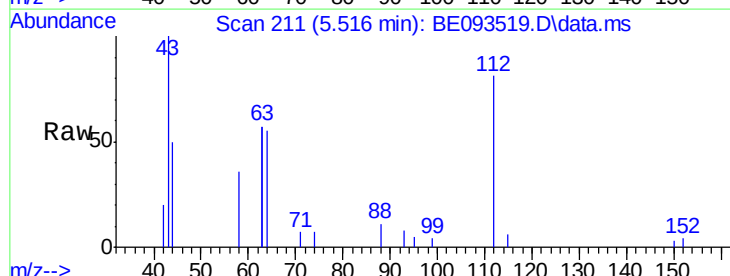
Instrument :
 BNA_E
 ClientSampleId :
 3566-SPP1

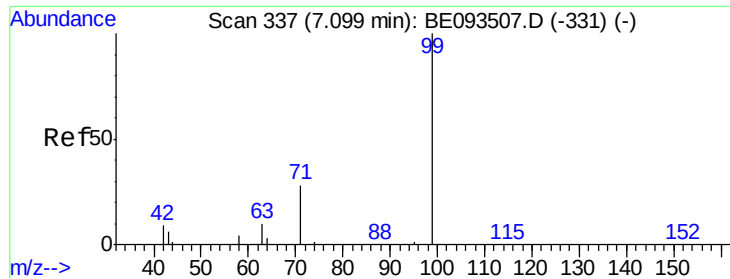
Tot Ion:152 Resp: 3586
 Ion Ratio Lower Upper
 152 100
 150 146.0 125.1 187.7
 115 65.4 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.516 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Tgt Ion:112 Resp: 2009
 Ion Ratio Lower Upper
 112 100
 64 66.0 56.4 84.6
 63 129.7 29.3 43.9#





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.102 min Scan# 337

Delta R.T. 0.003 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

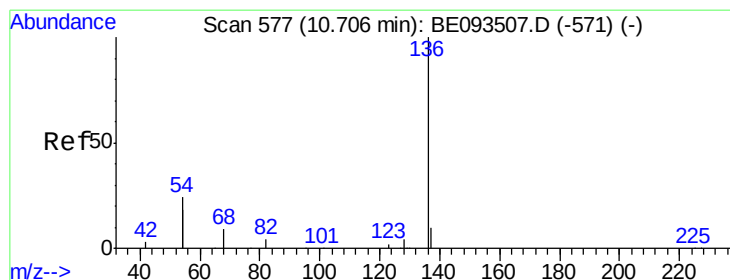
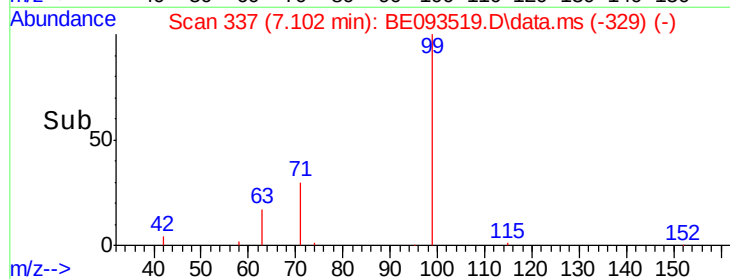
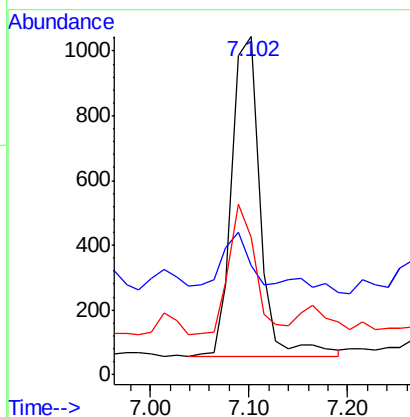
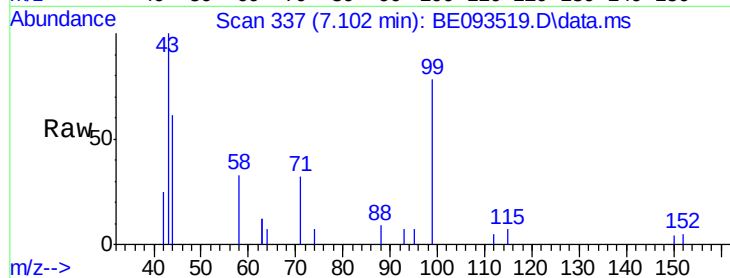
Tot Ion: 99 Resp: 1948

Ion Ratio Lower Upper

99 100

42 16.4 0.0 0.0#

71 39.5 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: BE093519.D

Acq: 21 Jul 2017 21:46

Tgt Ion: 136 Resp: 17557

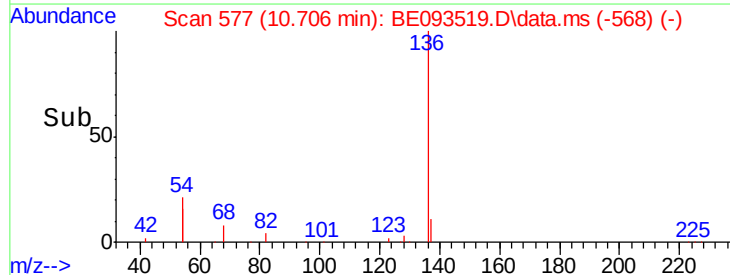
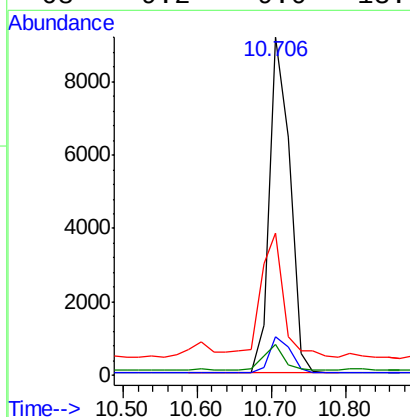
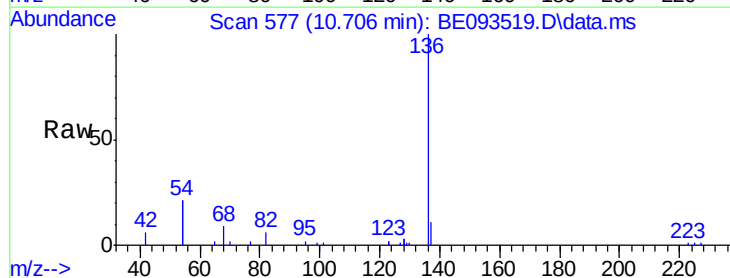
Ion Ratio Lower Upper

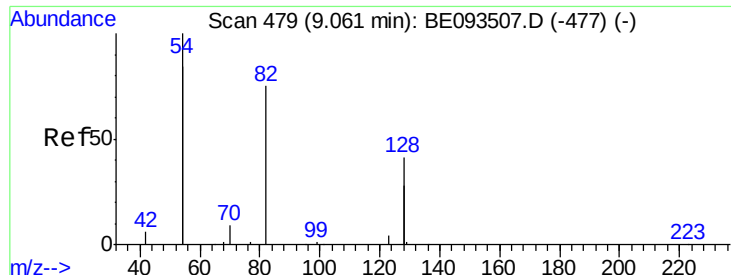
136 100

137 11.5 9.8 14.8

54 42.1 10.3 15.5#

68 9.2 9.0 13.4

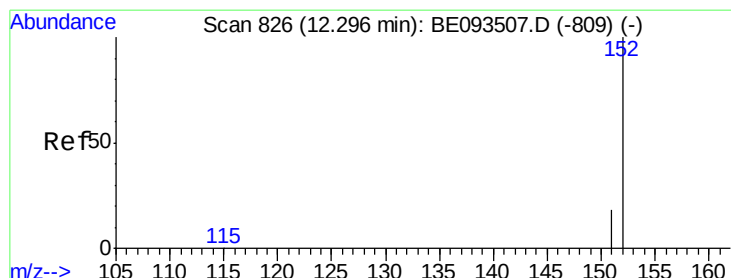
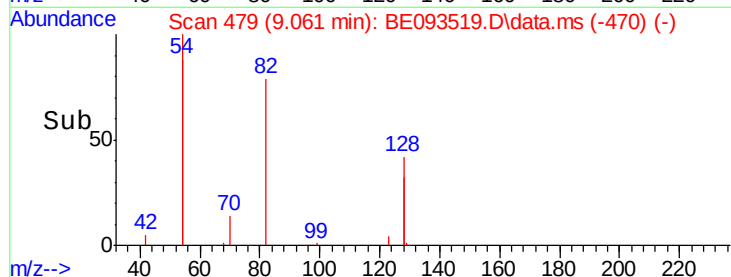
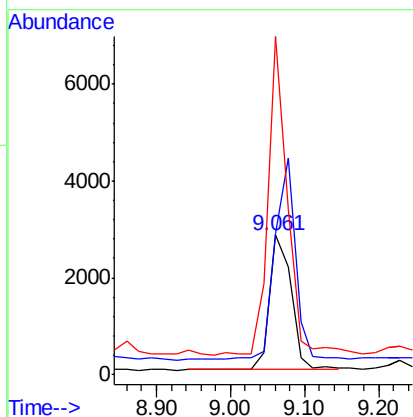
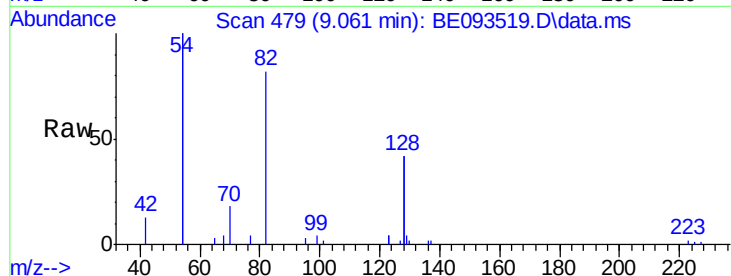




#8
 Nitrobenzene-d5
 Concen: 0.41 ng
 RT: 9.061 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

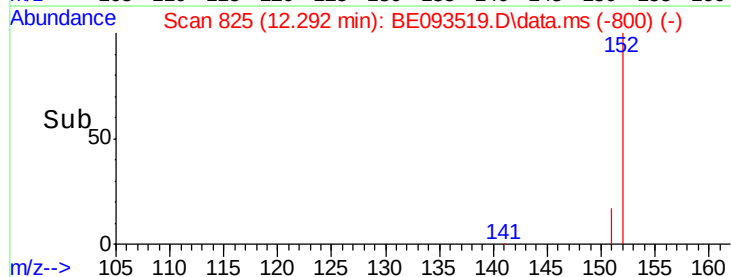
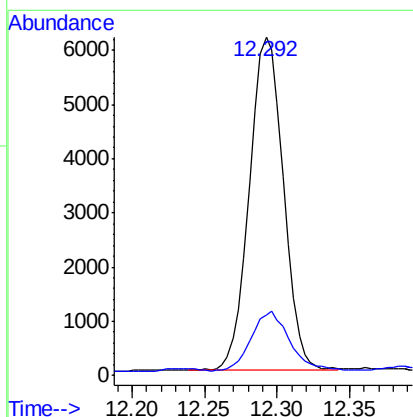
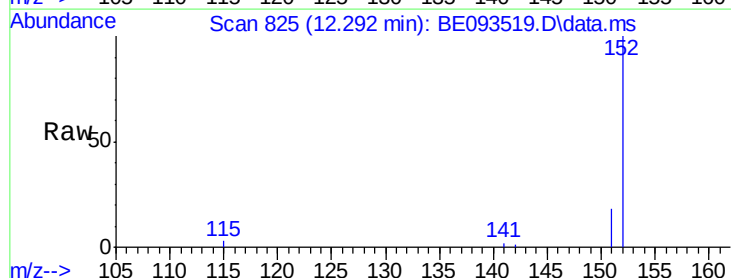
Instrument :
 BNA_E
 ClientSampleId :
 3566-SPP1

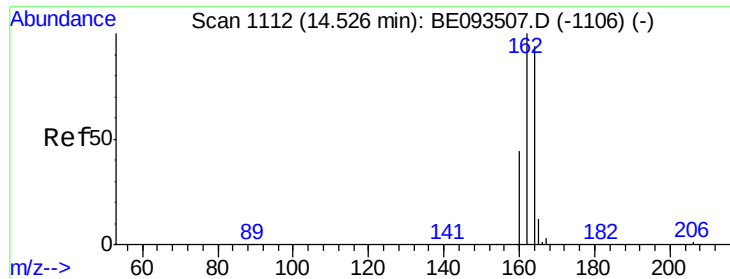
Tot Ion	82	Resp	5713
Ion	Ratio	Lower	Upper
82	100		
128	101.3	17.0	25.4#
54	243.0	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.35 ng
 RT: 12.292 min Scan# 825
 Delta R.T. -0.004 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Tgt Ion	152	Resp	10029
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.1	22.7





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.524 min Scan# 111

Delta R.T. -0.002 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

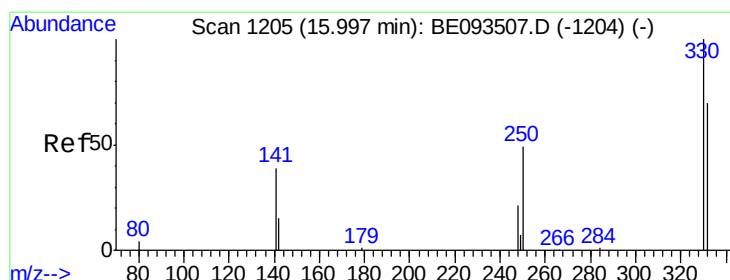
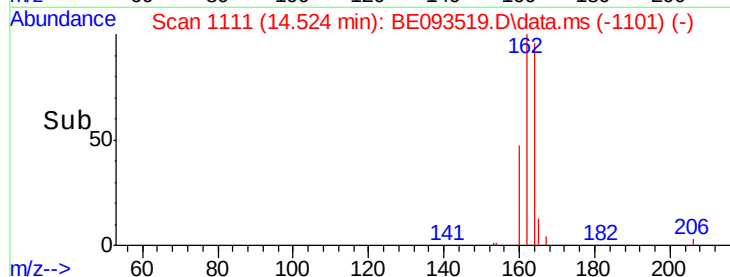
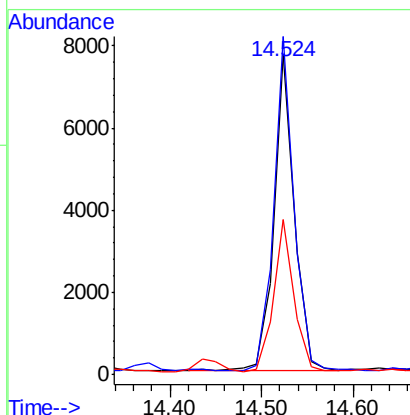
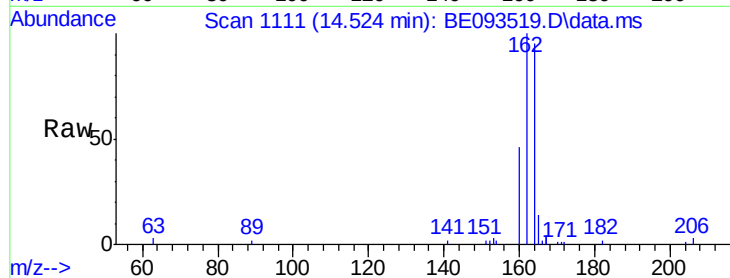
Tot Ion:164 Resp: 11729

Ion Ratio Lower Upper

164 100

162 105.7 84.6 127.0

160 48.7 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.34 ng

RT: 15.996 min Scan# 1204

Delta R.T. -0.002 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

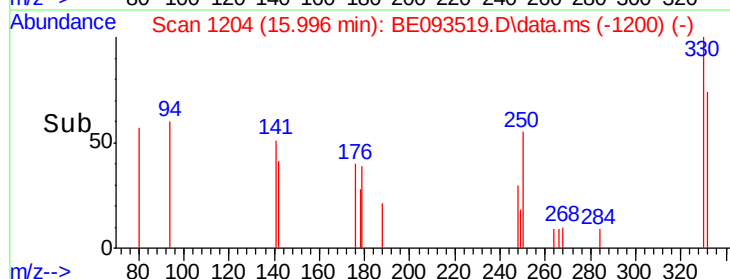
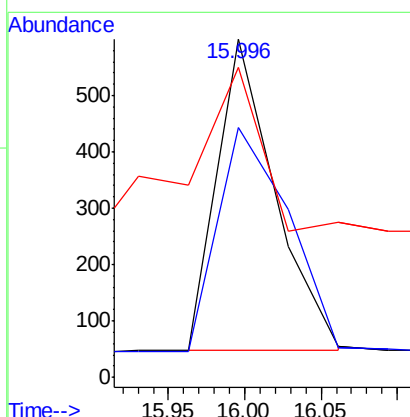
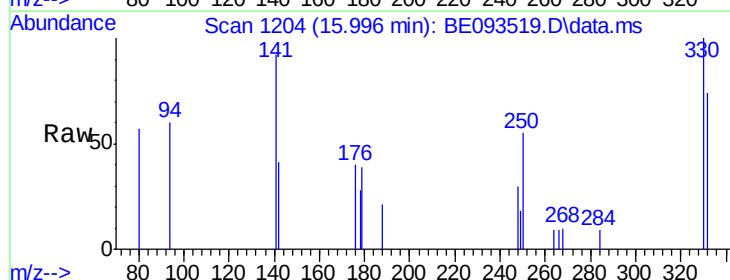
Tgt Ion:330 Resp: 1455

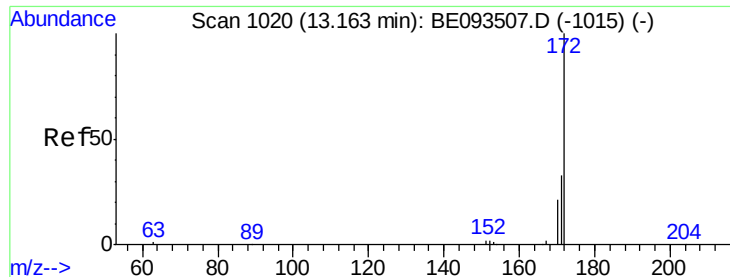
Ion Ratio Lower Upper

330 100

332 88.0 77.7 116.5

141 39.0 56.2 84.4#

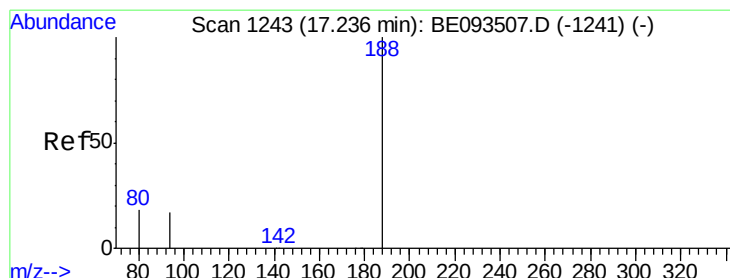
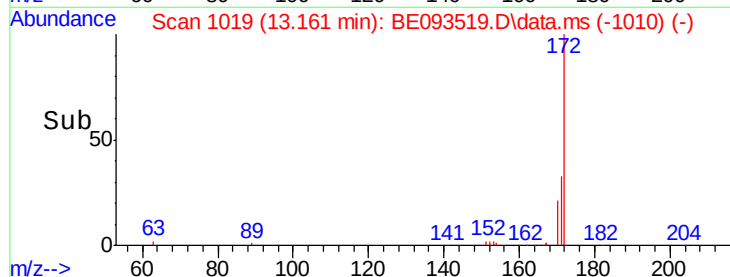
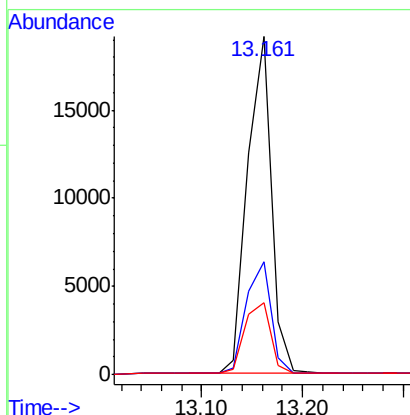
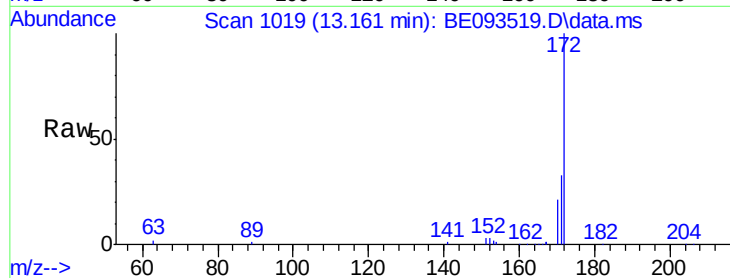




#15
2-Fluorobiphenyl
Concen: 0.69 ng
RT: 13.161 min Scan# 1019
Delta R.T. -0.002 min
Lab File: BE093519.D
Acq: 21 Jul 2017 21:46

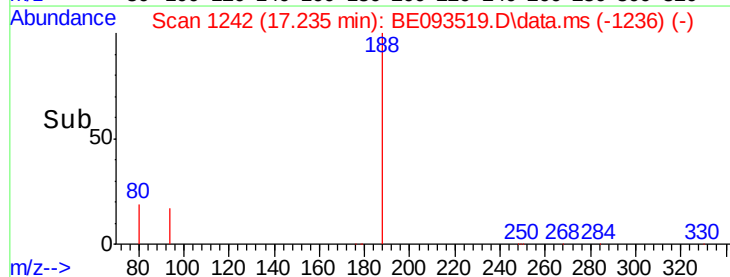
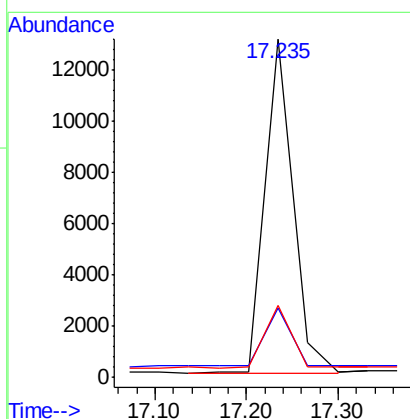
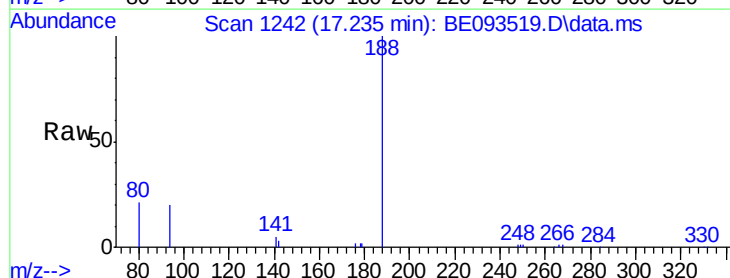
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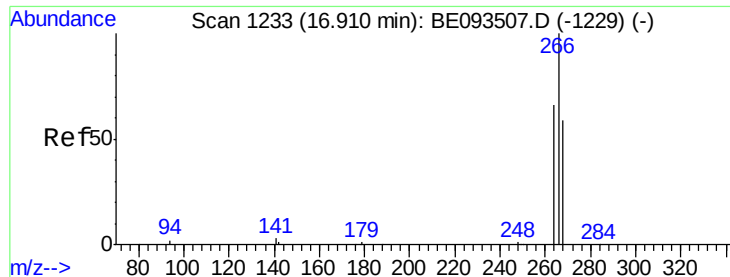
Tot Ion:172 Resp: 31625
Ion Ratio Lower Upper
172 100
171 33.5 29.8 44.6
170 21.2 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1242
Delta R.T. -0.002 min
Lab File: BE093519.D
Acq: 21 Jul 2017 21:46

Tgt Ion:188 Resp: 27989
Ion Ratio Lower Upper
188 100
94 20.5 11.3 16.9#
80 21.2 11.7 17.5#

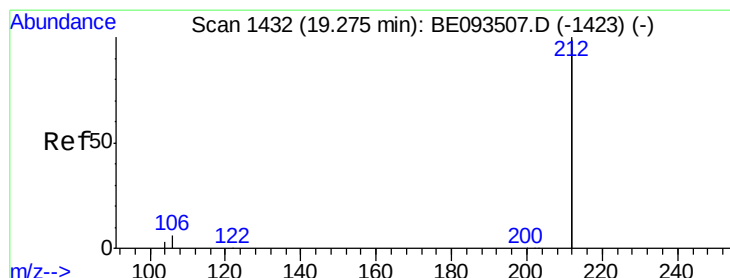
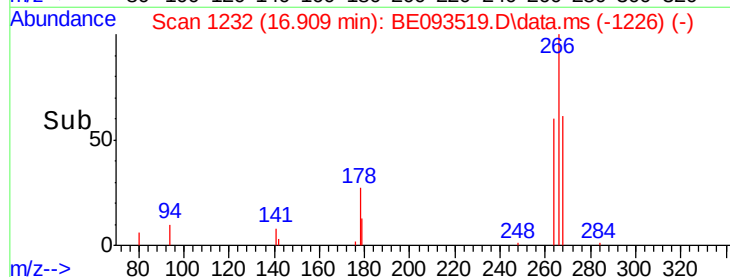
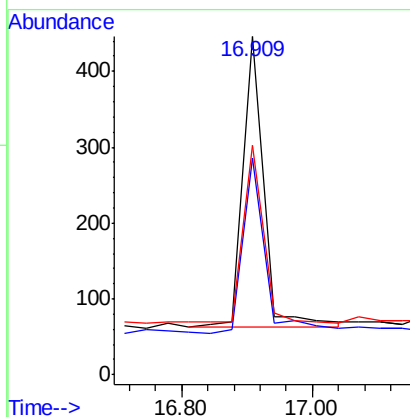
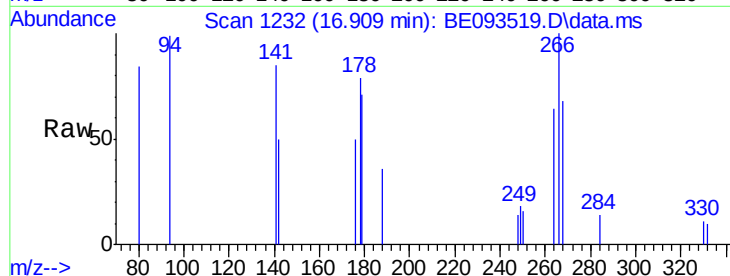




#22
Pentachlorophenol
Concen: 0.29 ng
RT: 16.909 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BE093519.D
Acq: 21 Jul 2017 21:46

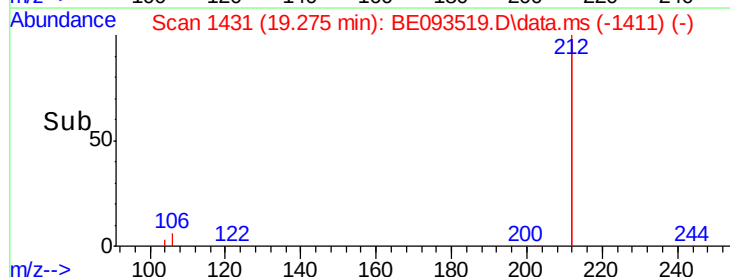
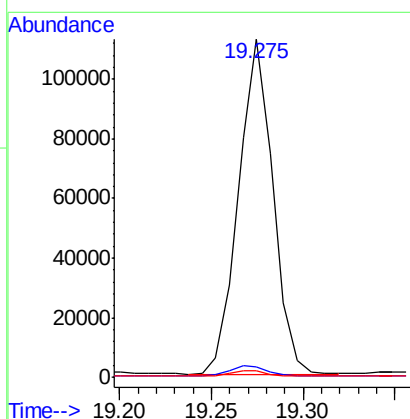
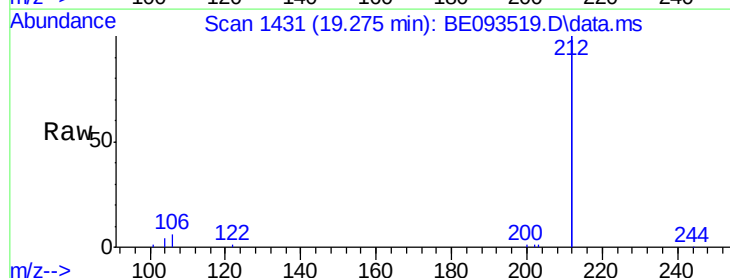
Instrument :
BNA_E
ClientSampleId :
3566-SPP1

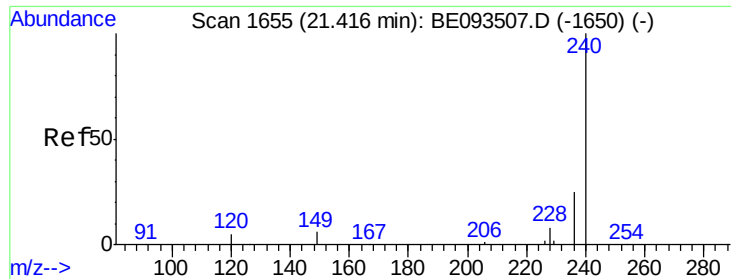
Tot Ion:266 Resp: 851
Ion Ratio Lower Upper
266 100
264 63.9 56.0 84.0
268 67.9 52.0 78.0



#25
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.275 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BE093519.D
Acq: 21 Jul 2017 21:46

Tgt Ion:212 Resp: 146906
Ion Ratio Lower Upper
212 100
106 3.4 2.4 3.6
104 1.9 1.6 2.4

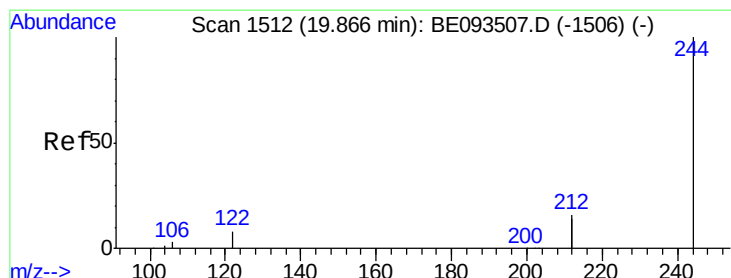
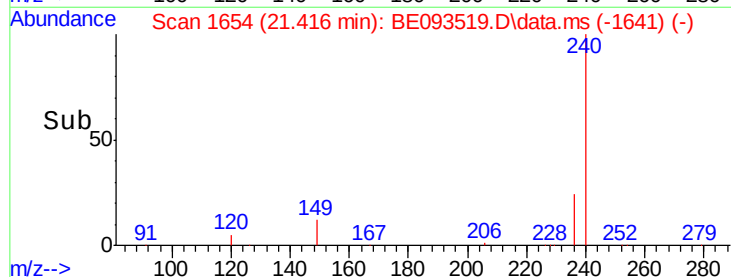
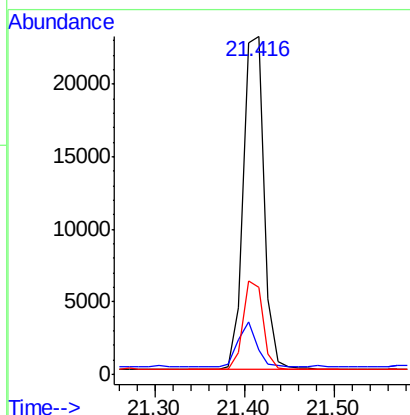
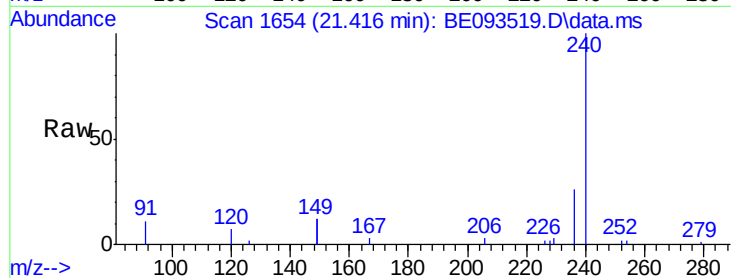




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.416 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BE093519.D
Acq: 21 Jul 2017 21:46

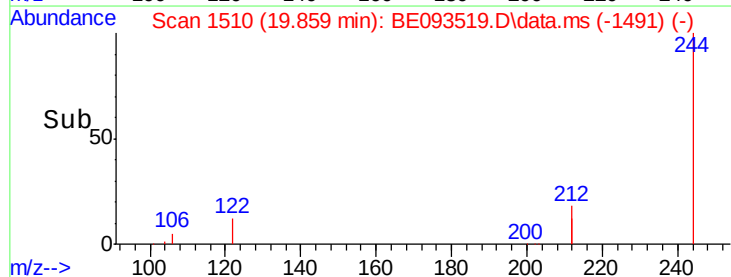
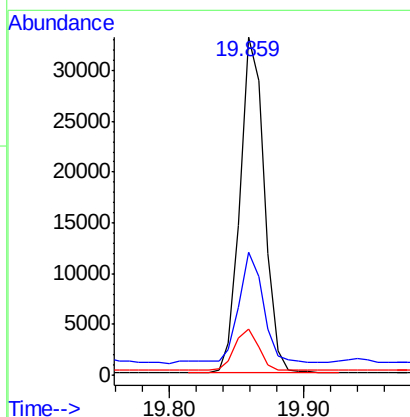
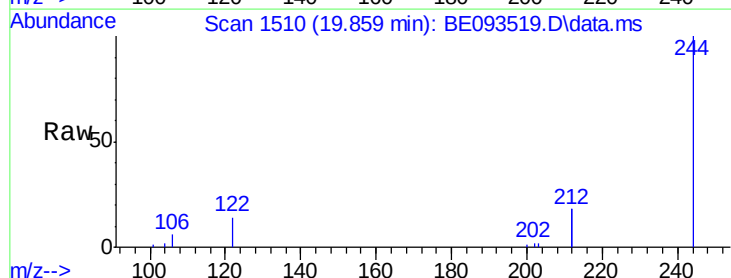
Instrument :
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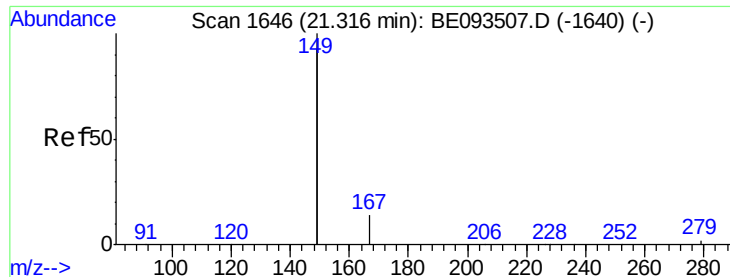
Tot Ion:240 Resp: 37298
Ion Ratio Lower Upper
240 100
120 7.1 4.6 7.0#
236 25.7 20.8 31.2



#29
Terphenyl-d14
Concen: 0.62 ng
RT: 19.859 min Scan# 1510
Delta R.T. -0.008 min
Lab File: BE093519.D
Acq: 21 Jul 2017 21:46

Tgt Ion:244 Resp: 41871
Ion Ratio Lower Upper
244 100
212 36.5 10.6 16.0#
122 13.5 15.4 23.0#

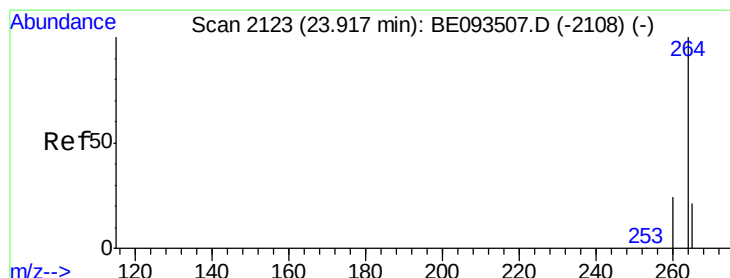
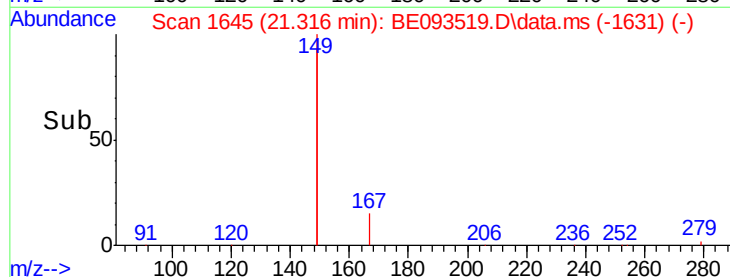
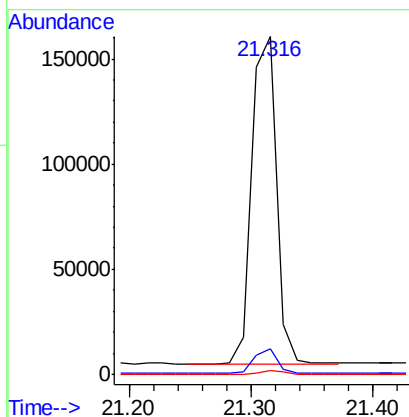
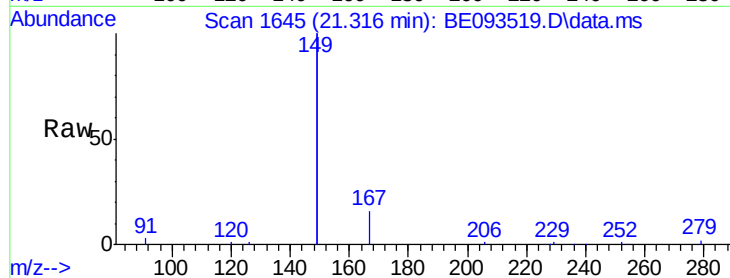




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.91 ng
 RT: 21.316 min Scan# 1646
 Delta R.T. 0.001 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Instrument :
 BNA_E
 ClientSampleId :
 3566-SPP1

Tot 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# 2122
 Delta R.T. -0.002 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.0	31.4
265	31.0	24.6	36.8

