

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093515.D
 Acq On : 21 Jul 2017 19:17
 Operator : SJ/JU
 Sample : I4199-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

Quant Time: Jul 22 02:12:44 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	3408	0.40	ng	0.00
7) Naphthalene-d8	10.707	136	16658	0.40	ng	0.00
13) Acenaphthene-d10	14.525	164	10599	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	27344	0.40	ng	0.00
27) Chrysene-d12	21.415	240	35315	0.40	ng	0.00
34) Perylene-d12	23.916	264	29870	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.514	112	1851	0.16	ng	0.00
5) Phenol-d6	7.100	99	1852	0.11	ng	0.00
8) Nitrobenzene-d5	9.062	82	5078	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	9523	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.996	330	1265	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.162	172	22158	0.53	ng	0.00
25) Fluoranthene-d10	19.275	212	140930	0.32	ng	0.00
29) Terphenyl-d14	19.859	244	55669	0.87	ng	0.00

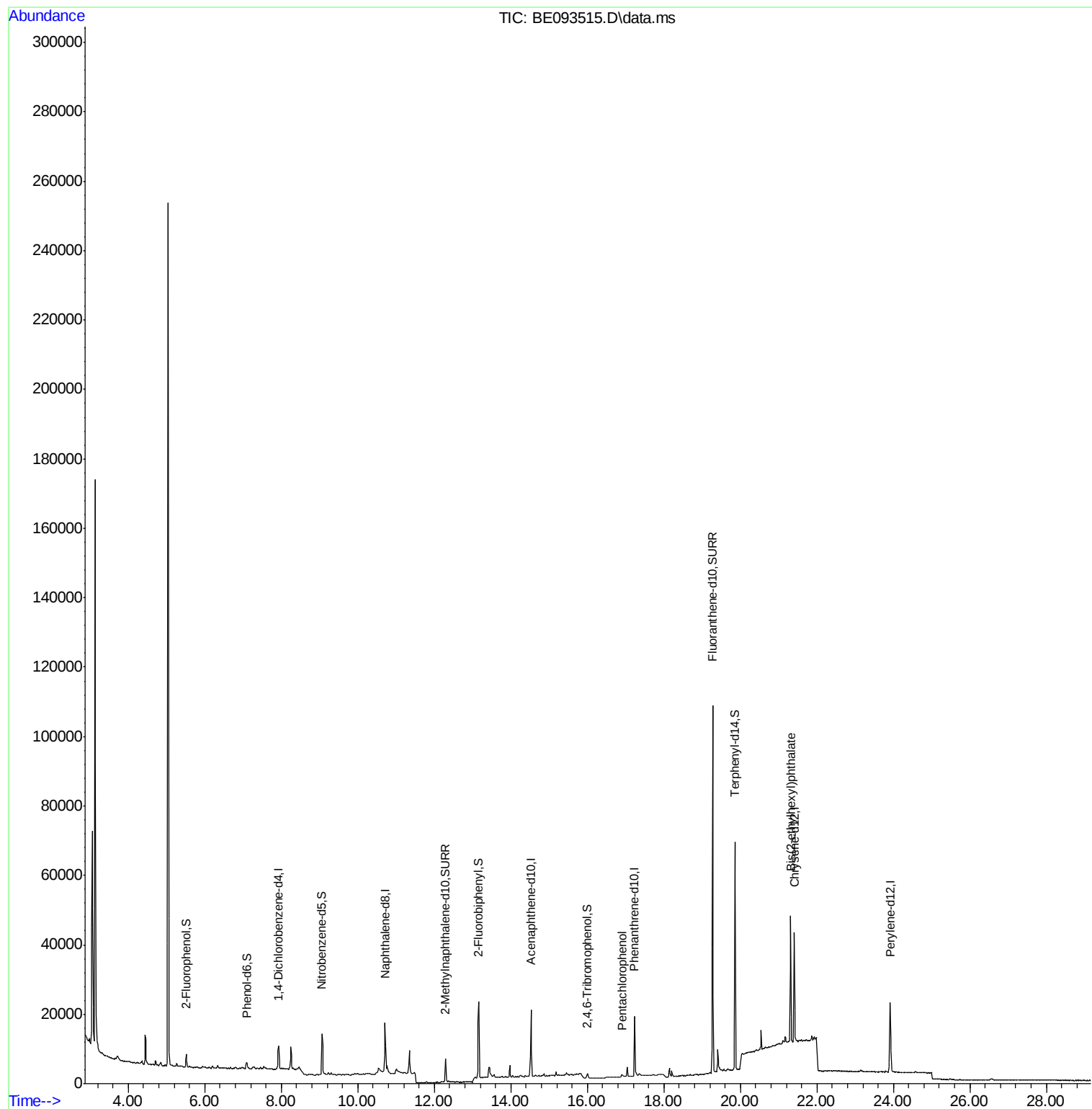
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.909	266	739	0.28	ng	95
32) Bis(2-ethylhexyl)phtha...	21.315	149	41698	0.18	ng	98

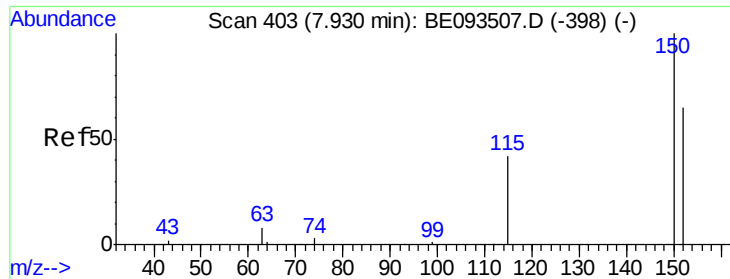
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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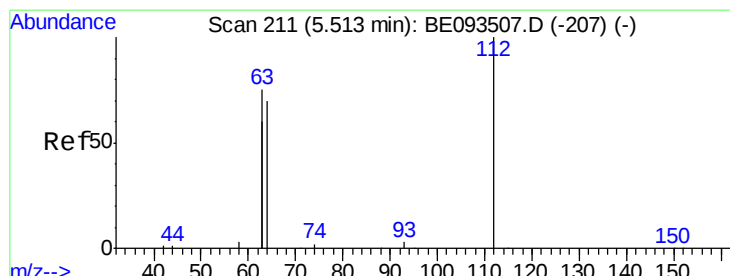
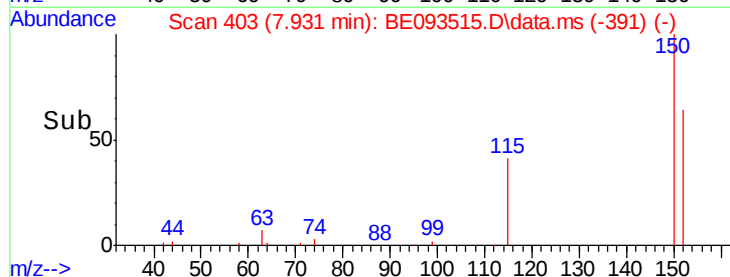
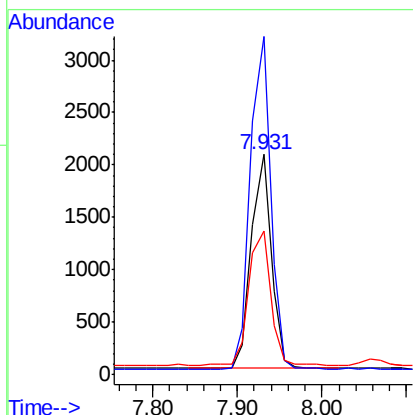
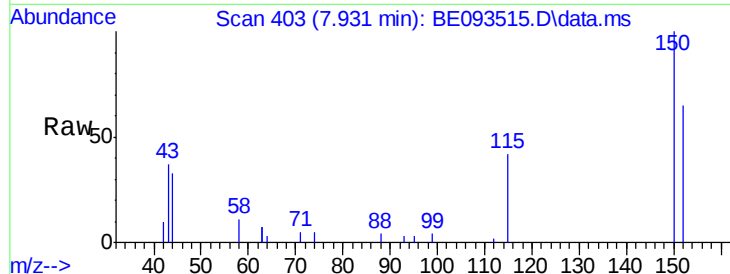




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.931 min Scan# 40
 Delta R.T. 0.001 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

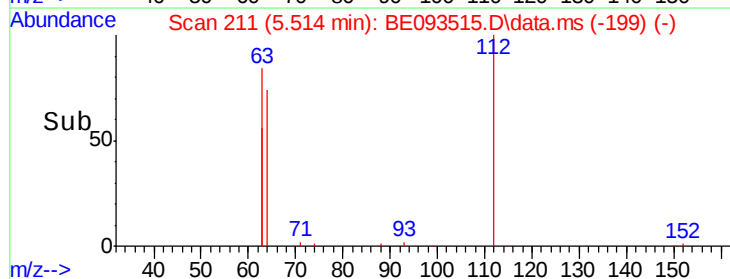
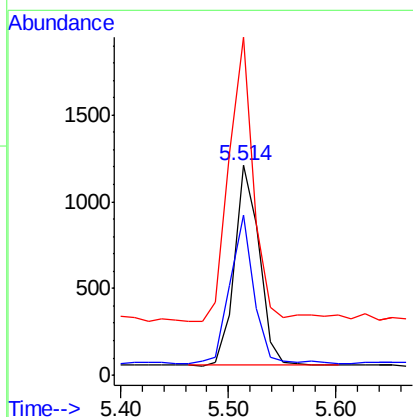
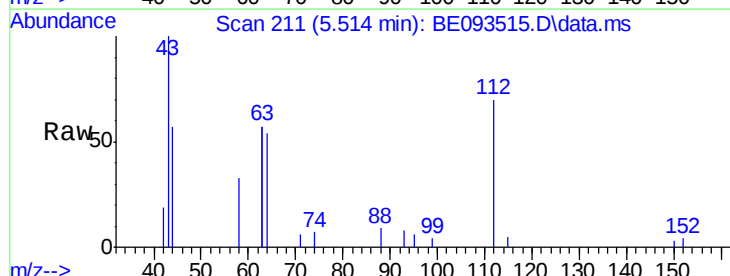
Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

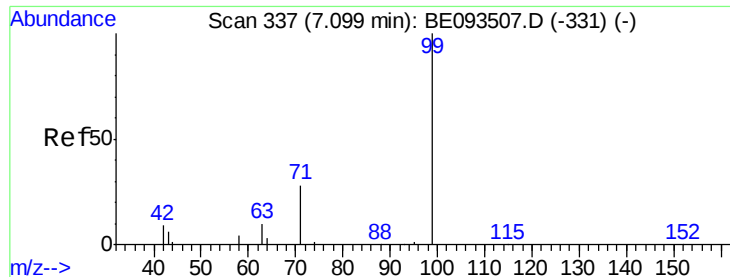
Tot Ion:152 Resp: 3408
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.1 187.7
 115 65.2 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.514 min Scan# 211
 Delta R.T. 0.001 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

Tgt Ion:112 Resp: 1851
 Ion Ratio Lower Upper
 112 100
 64 72.0 56.4 84.6
 63 138.6 29.3 43.9#





#5

Phenol-d6

Concen: 0.11 ng

RT: 7.100 min Scan# 331

Delta R.T. 0.001 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampled :

3562-PP2

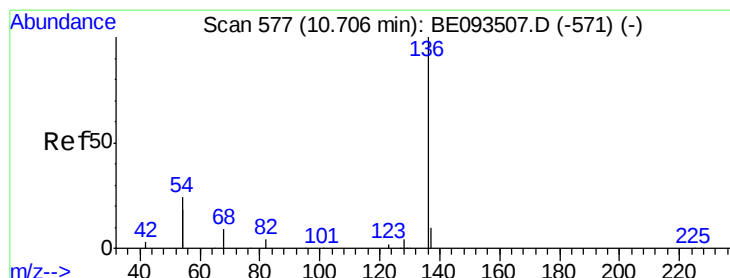
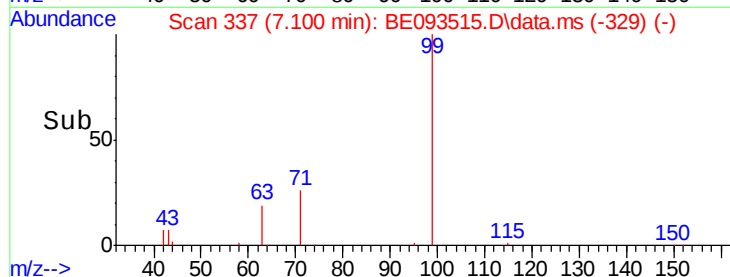
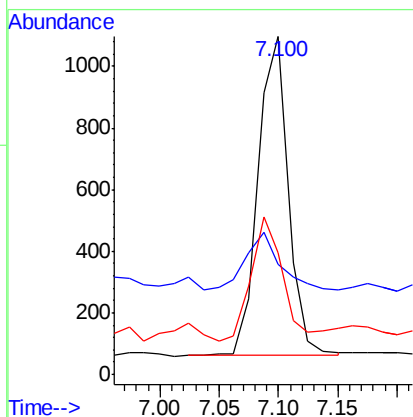
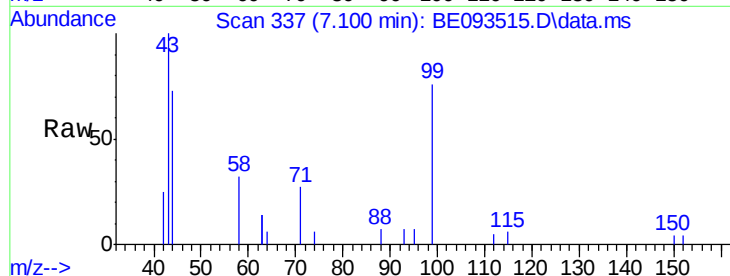
Tot Ion: 99 Resp: 1852

Ion Ratio Lower Upper

99 100

42 21.4 0.0 0.0#

71 41.0 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.707 min Scan# 577

Delta R.T. 0.001 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Tgt Ion: 136 Resp: 16658

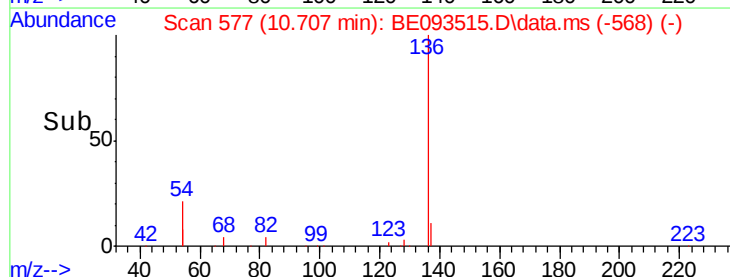
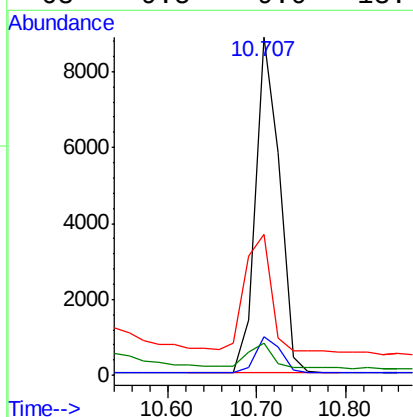
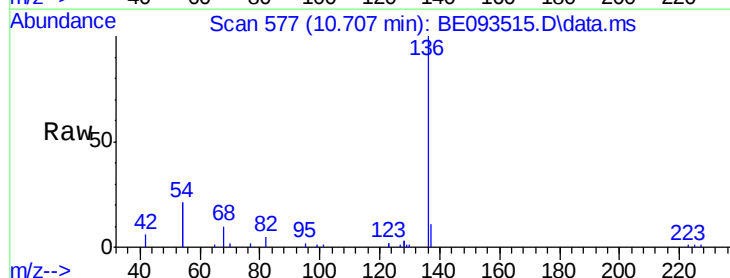
Ion Ratio Lower Upper

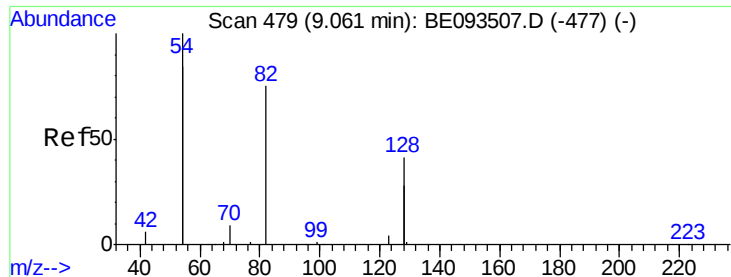
136 100

137 11.4 9.8 14.8

54 41.6 10.3 15.5#

68 9.5 9.0 13.4

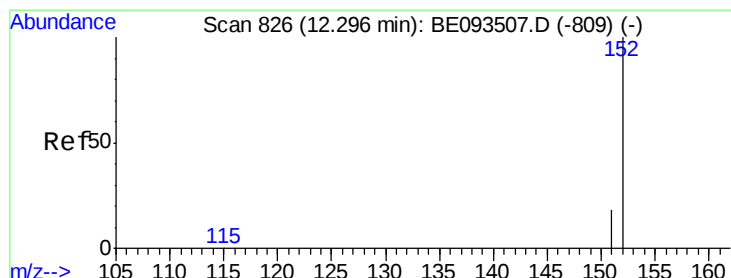
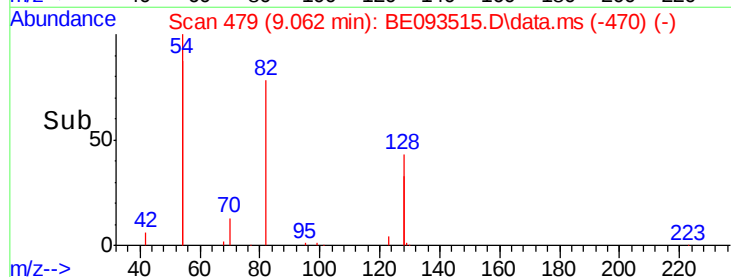
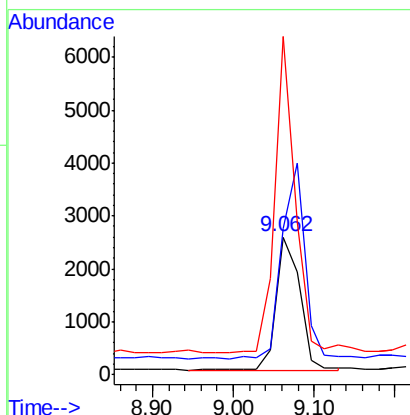
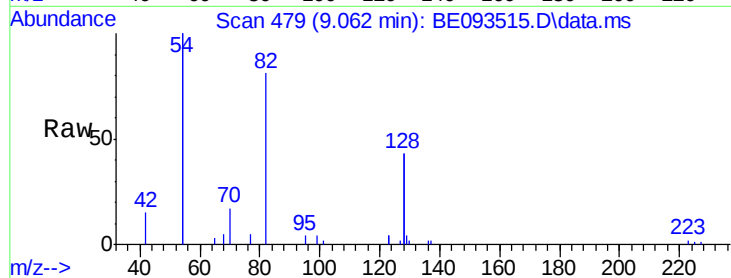




#8
 Nitrobenzene-d5
 Concen: 0.38 ng
 RT: 9.062 min Scan# 47
 Delta R.T. 0.001 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

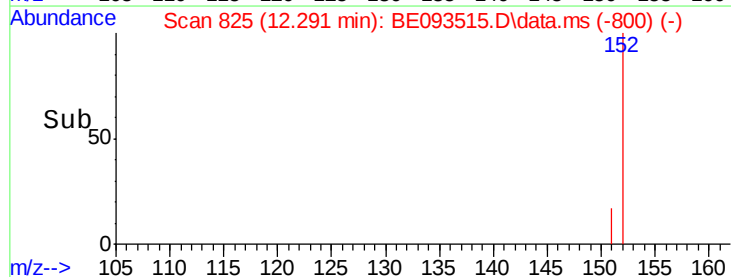
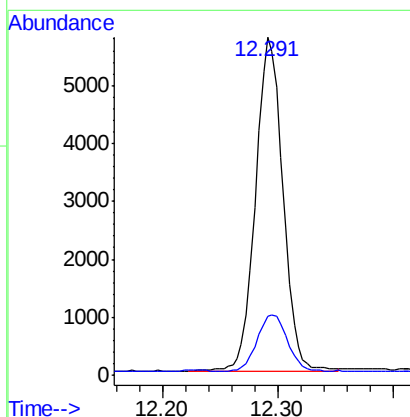
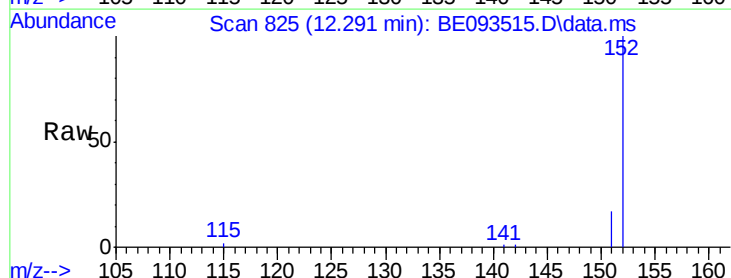
Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

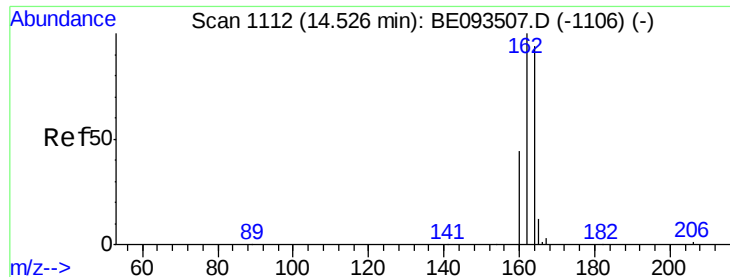
Tot Ion	82	Resp	5078
Ion	Ratio	Lower	Upper
82	100		
128	106.1	17.0	25.4#
54	245.6	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.35 ng
 RT: 12.291 min Scan# 825
 Delta R.T. -0.004 min
 Lab File: BE093515.D
 Acq: 21 Jul 2017 19:17

Tgt Ion	152	Resp	9523
Ion	Ratio	Lower	Upper
152	100		
151	18.5	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: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

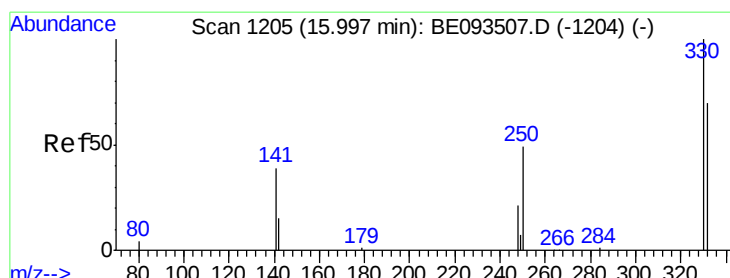
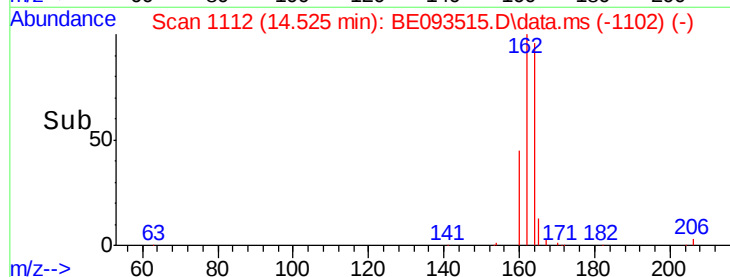
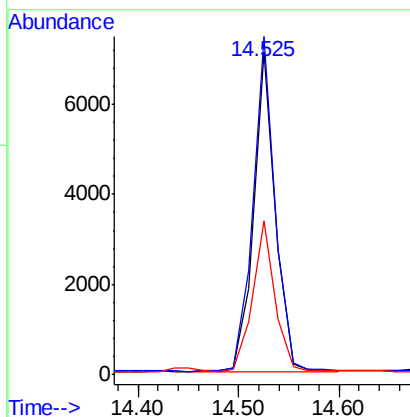
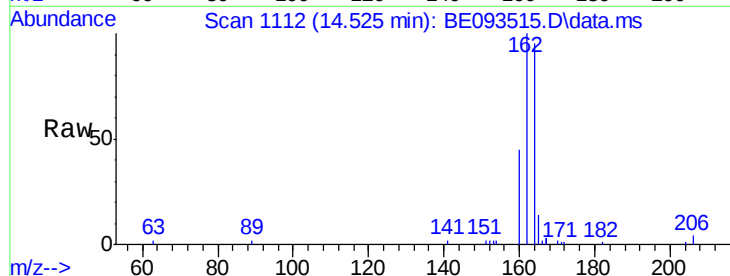
Tot Ion:164 Resp: 10599

Ion Ratio Lower Upper

164 100

162 104.9 84.6 127.0

160 47.5 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.33 ng

RT: 15.996 min Scan# 1205

Delta R.T. -0.001 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

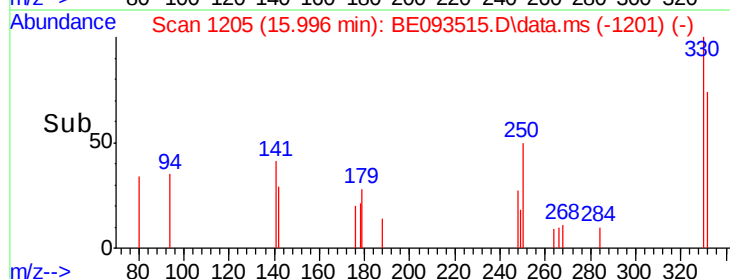
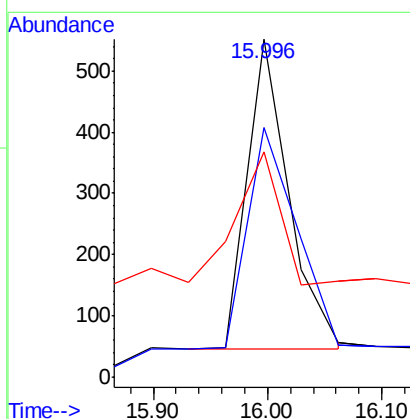
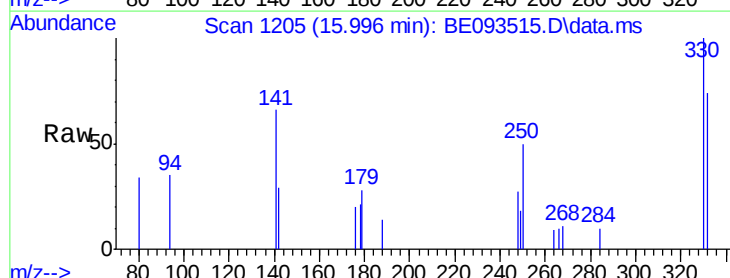
Tgt Ion:330 Resp: 1265

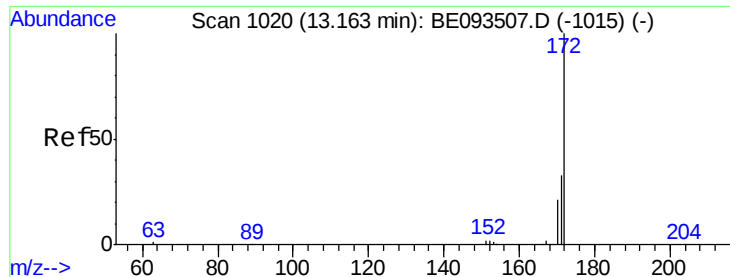
Ion Ratio Lower Upper

330 100

332 85.5 77.7 116.5

141 44.3 56.2 84.4#

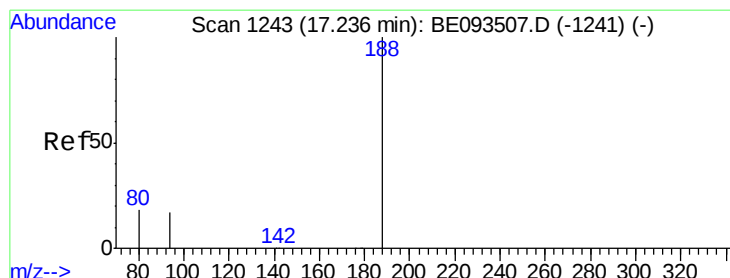
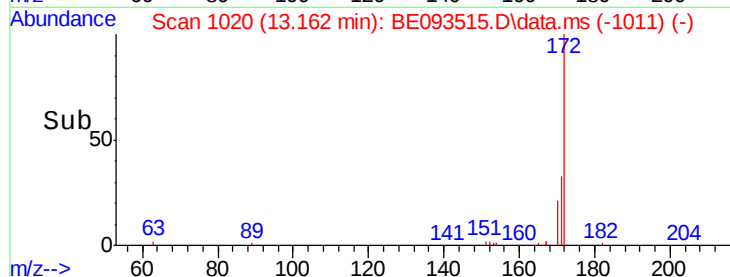
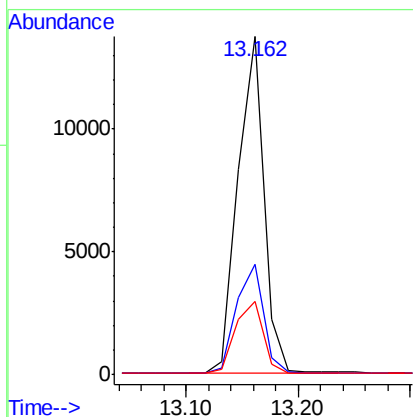
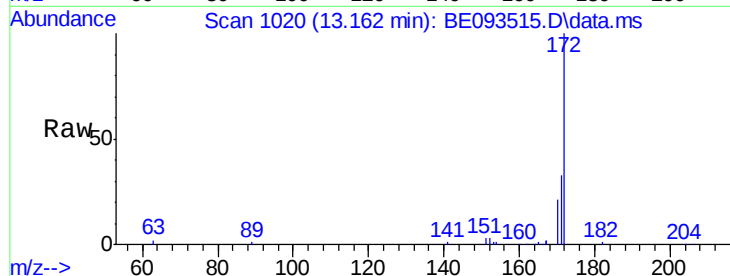




#15
2-Fluorobiphenyl
Concen: 0.53 ng
RT: 13.162 min Scan# 10
Delta R.T. -0.001 min
Lab File: BE093515.D
Acq: 21 Jul 2017 19:17

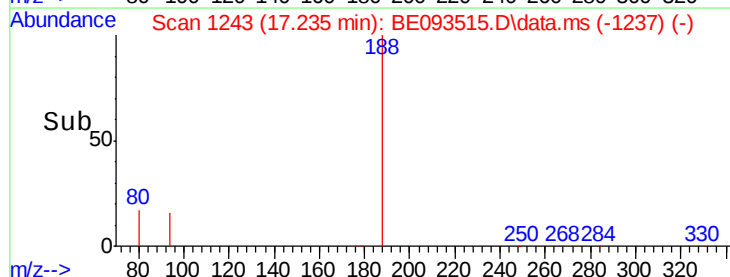
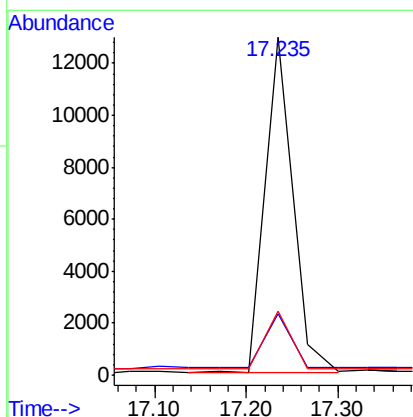
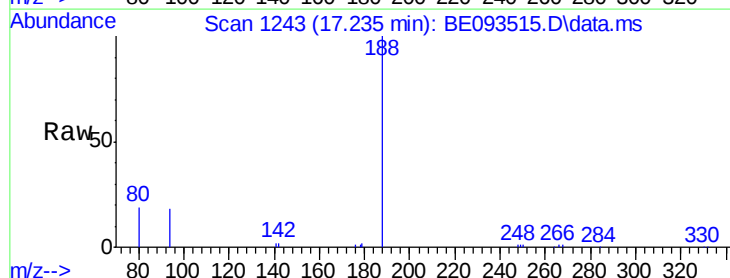
Instrument :
BNA_E
ClientSampleId :
3562-PP2

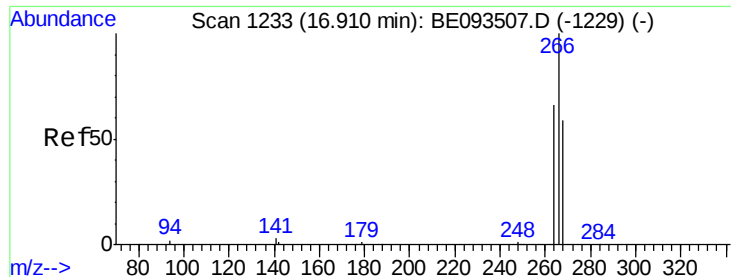
Tot Ion	Ratio	Lower	Upper
172	100		
171	32.6	29.8	44.6
170	21.5	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE093515.D
Acq: 21 Jul 2017 19:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	18.2	11.3	16.9#
80	19.1	11.7	17.5#





#22

Pentachlorophenol

Concen: 0.28 ng

RT: 16.909 min Scan# 1233

Delta R.T. -0.001 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

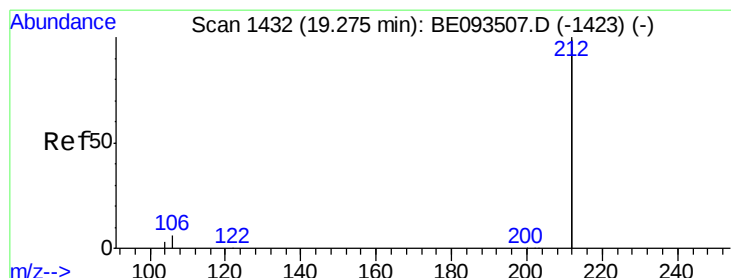
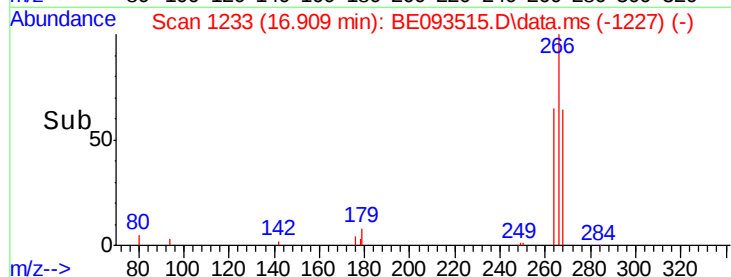
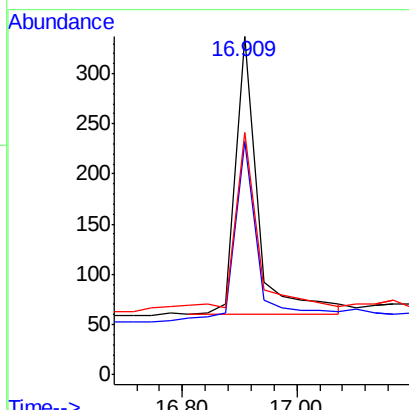
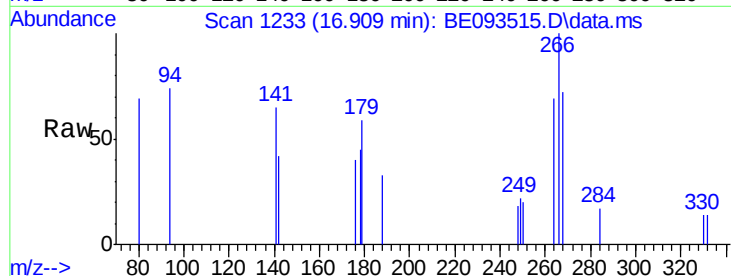
Tot Ion:266 Resp: 739

Ion Ratio Lower Upper

266 100

264 69.1 56.0 84.0

268 71.5 52.0 78.0



#25

Fluoranthene-d10

Concen: 0.32 ng

RT: 19.275 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

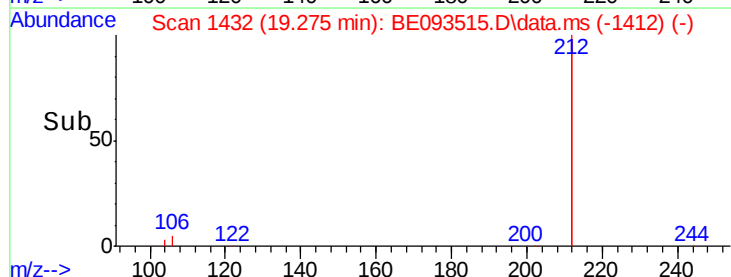
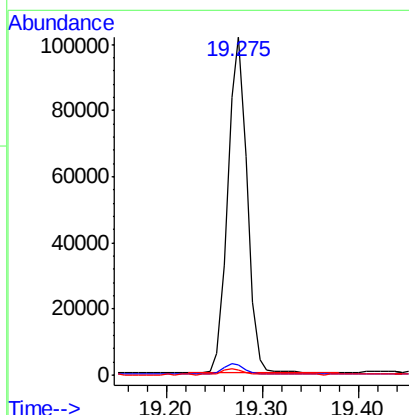
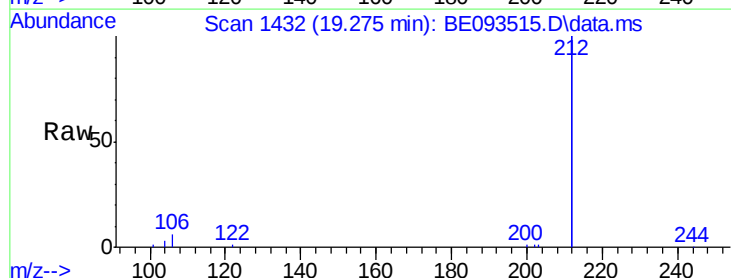
Tgt Ion:212 Resp: 140930

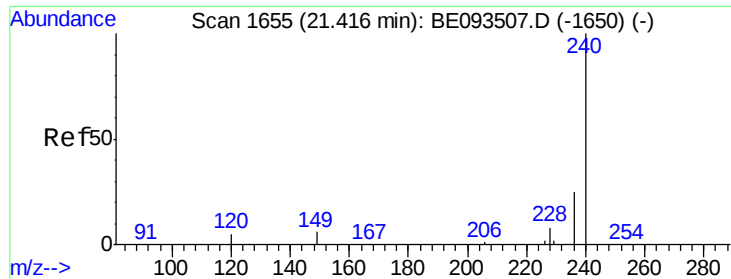
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4

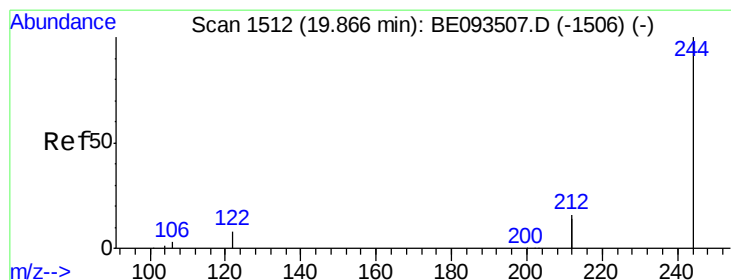
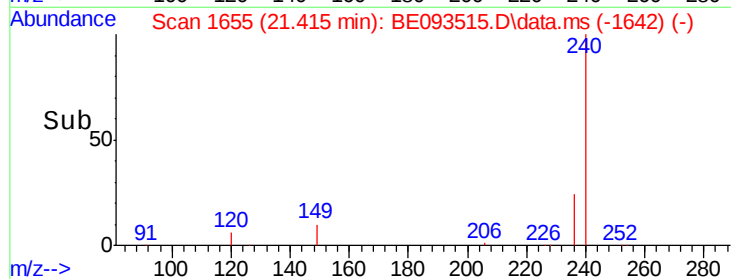
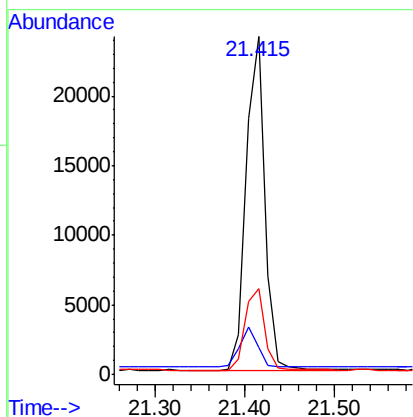
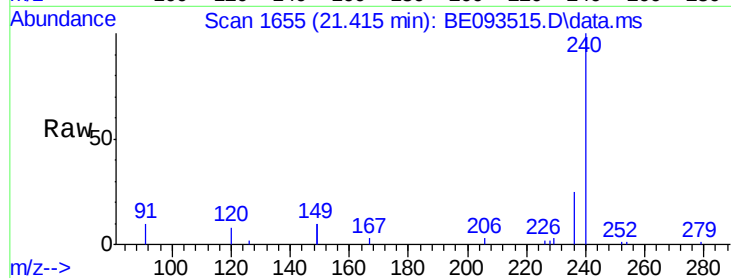




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1655
Delta R.T. -0.001 min
Lab File: BE093515.D
Acq: 21 Jul 2017 19:17

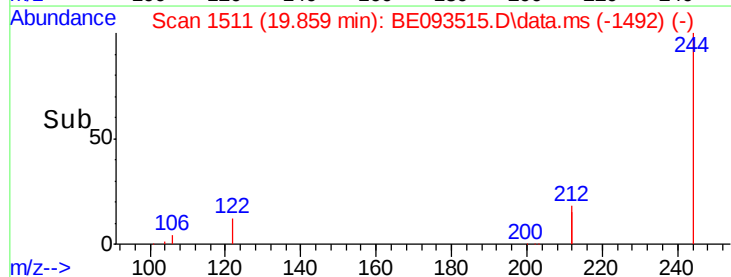
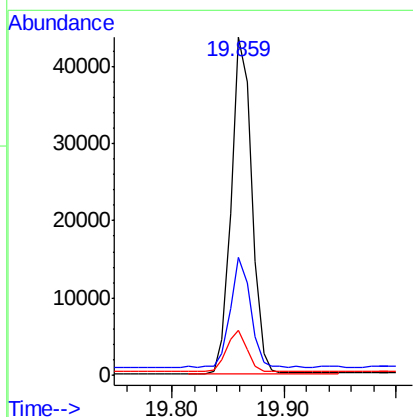
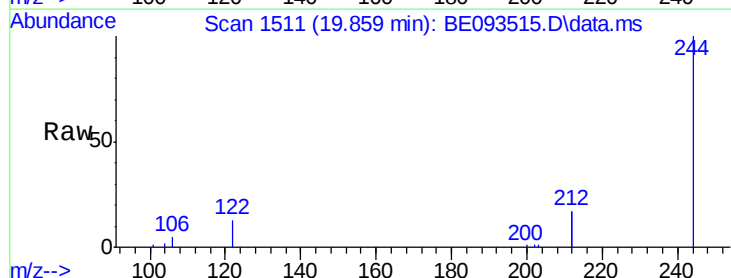
Instrument :
BNA_E
ClientSampleId :
3562-PP2

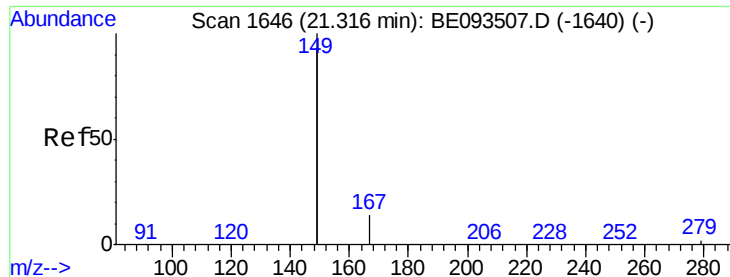
Tot Ion:240 Resp: 35315
Ion Ratio Lower Upper
240 100
120 7.9 4.6 7.0#
236 25.5 20.8 31.2



#29
Terphenyl-d14
Concen: 0.87 ng
RT: 19.859 min Scan# 1511
Delta R.T. -0.007 min
Lab File: BE093515.D
Acq: 21 Jul 2017 19:17

Tgt Ion:244 Resp: 55669
Ion Ratio Lower Upper
244 100
212 35.0 10.6 16.0#
122 13.2 15.4 23.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.18 ng

RT: 21.315 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Instrument :

BNA_E

ClientSampleId :

3562-PP2

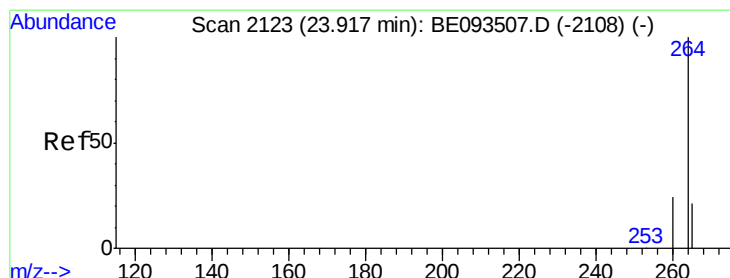
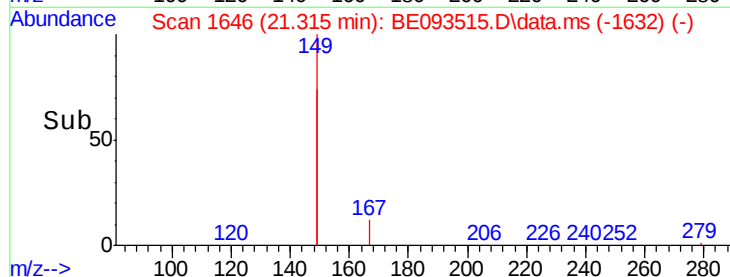
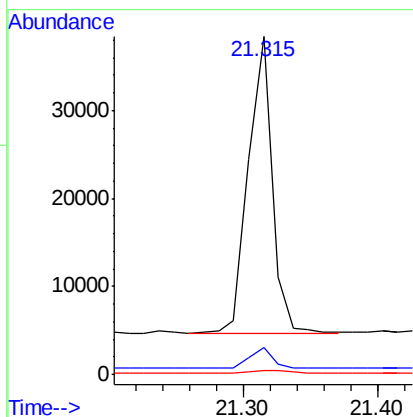
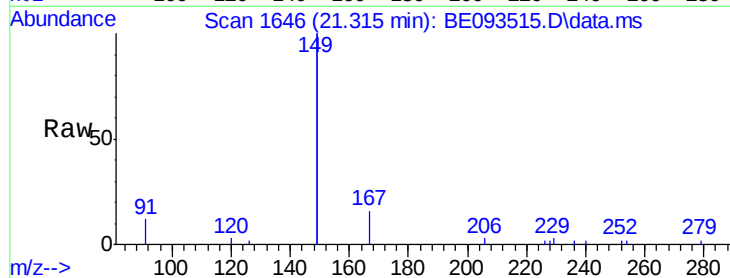
Tot Ion:149 Resp: 41698

Ion Ratio Lower Upper

149 100

167 6.9 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. -0.001 min

Lab File: BE093515.D

Acq: 21 Jul 2017 19:17

Tgt Ion:264 Resp: 29870

Ion Ratio Lower Upper

264 100

260 25.3 21.0 31.4

265 31.0 24.6 36.8

