

Data Path : Z:\HPCHEM1\BNA E\Data\BE072117\
 Data File : BE093514.D
 Acq On : 21 Jul 2017 18:41
 Operator : SJ/JU
 Sample : I4199-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3561-PP1

Quant Time: Jul 22 02:09:38 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	3429	0.40	ng	0.00
7) Naphthalene-d8	10.706	136	16565	0.40	ng	0.00
13) Acenaphthene-d10	14.524	164	9989	0.40	ng	0.00
19) Phenanthrene-d10	17.235	188	25423	0.40	ng	0.00
27) Chrysene-d12	21.416	240	36456	0.40	ng	0.00
34) Perylene-d12	23.915	264	31236	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.515	112	1964	0.17	ng	0.00
5) Phenol-d6	7.089	99	1805	0.11	ng	0.00
8) Nitrobenzene-d5	9.061	82	5280	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.292	152	9411	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.996	330	1261	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.161	172	25242	0.64	ng	0.00
25) Fluoranthene-d10	19.275	212	140081	0.35	ng	0.00
29) Terphenyl-d14	19.859	244	52290	0.79	ng	0.00

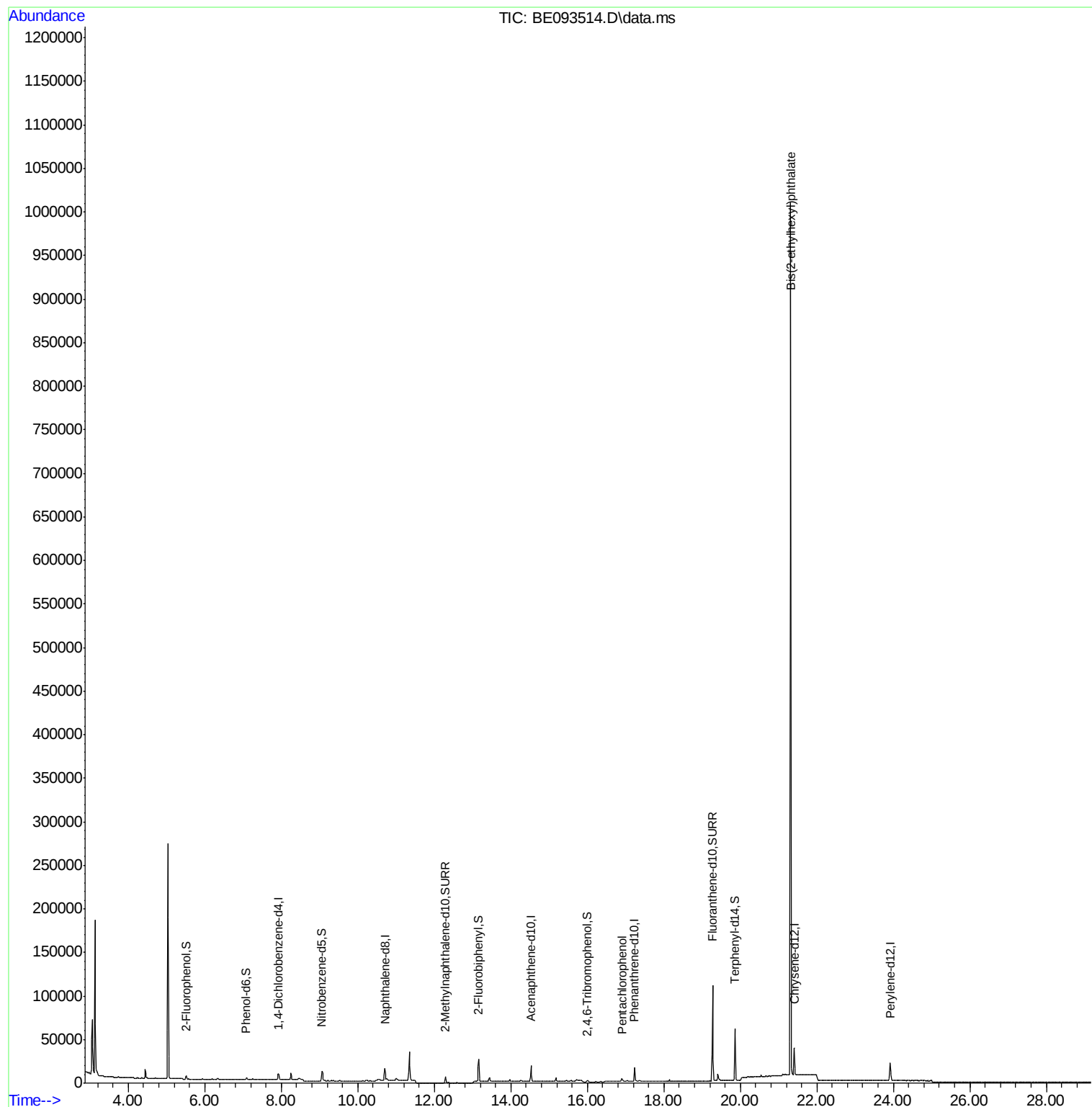
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.909	266	2967	0.58	ng	94
32) Bis(2-ethylhexyl)phtha...	21.316	149	1125321	4.81	ng	98

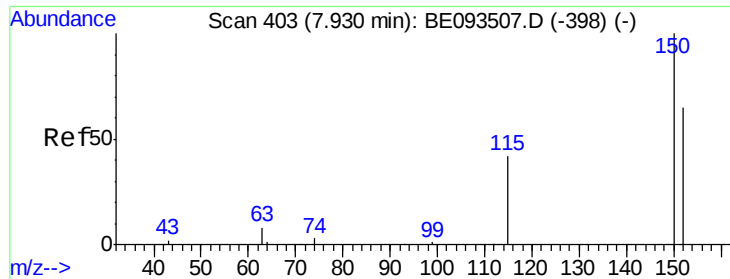
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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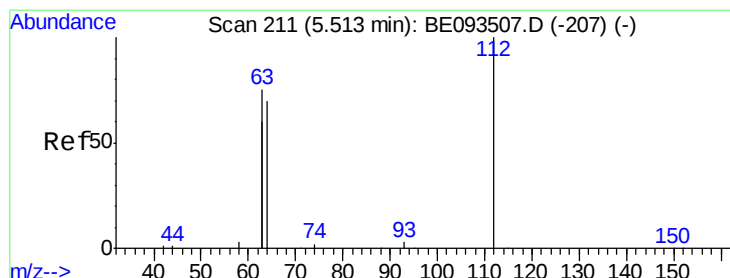
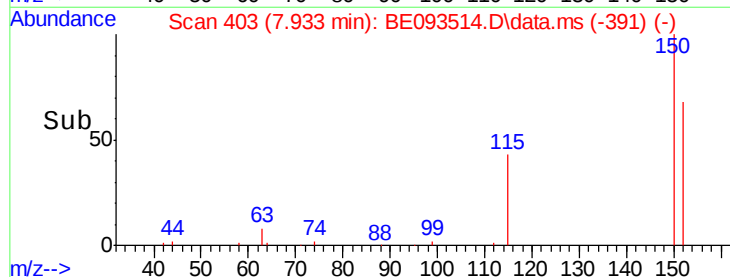
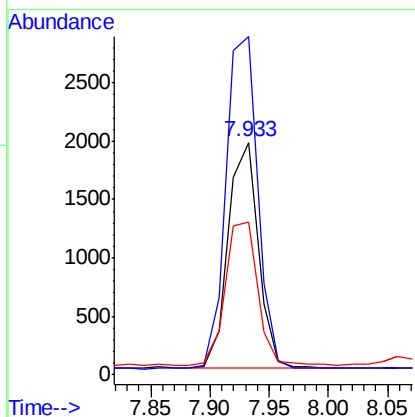
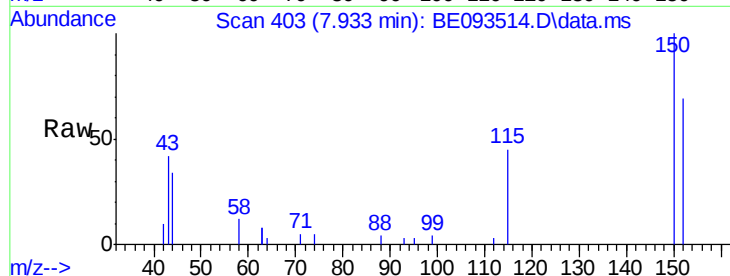




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.933 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

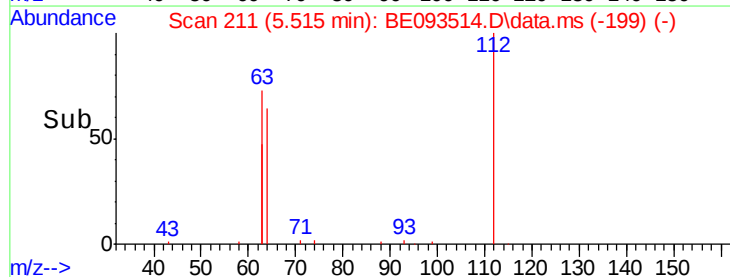
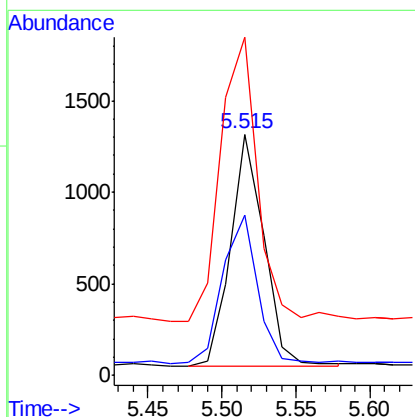
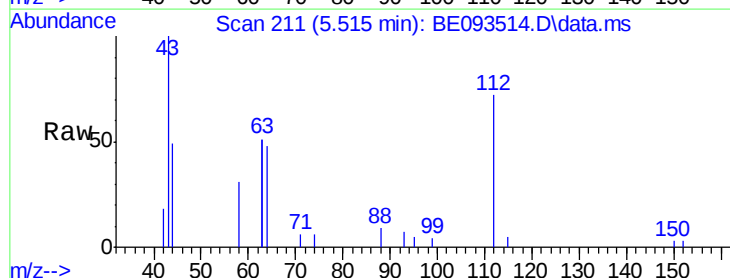
Instrument :
 BNA_E
 ClientSampleId :
 3561-PP1

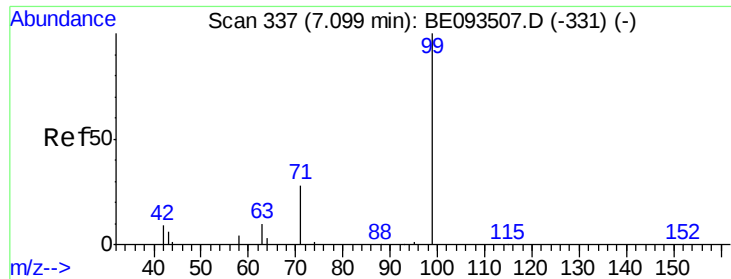
Tot Ion:152 Resp: 3429
 Ion Ratio Lower Upper
 152 100
 150 145.6 125.1 187.7
 115 65.8 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.17 ng
 RT: 5.515 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

Tgt Ion:112 Resp: 1964
 Ion Ratio Lower Upper
 112 100
 64 66.7 56.4 84.6
 63 139.6 29.3 43.9#

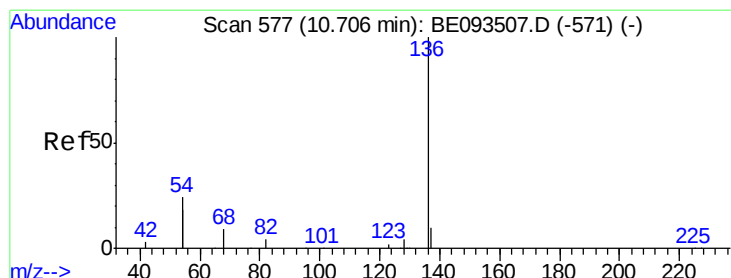
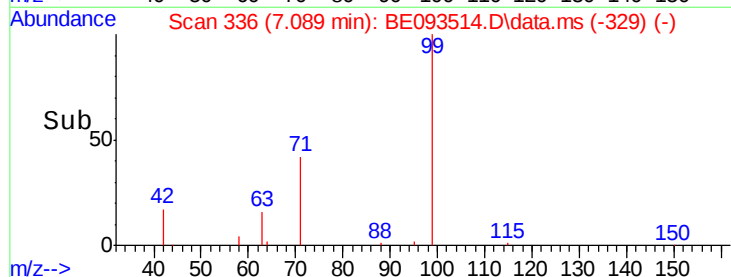
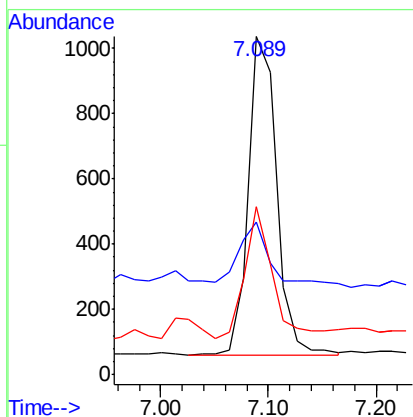
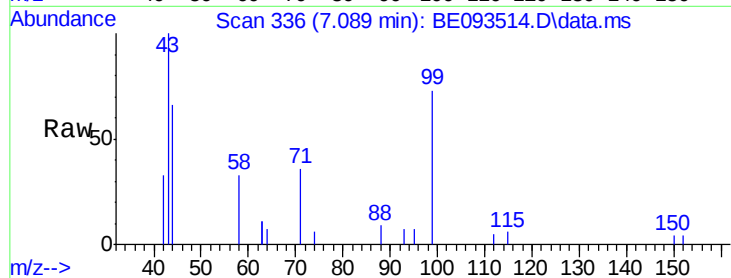




#5
Phenol-d6
Concen: 0.11 ng
RT: 7.089 min Scan# 337
Delta R.T. -0.010 min
Lab File: BE093514.D
Acq: 21 Jul 2017 18:41

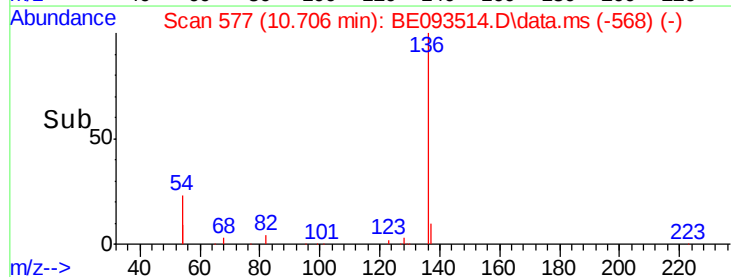
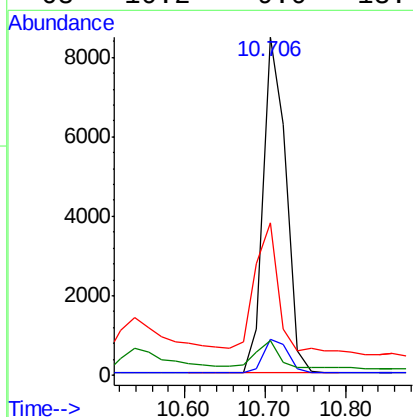
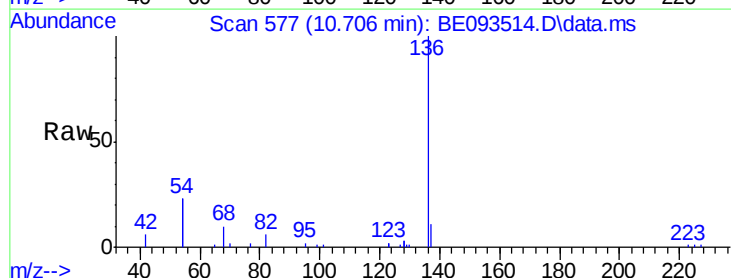
Instrument :
BNA_E
ClientSampleId :
3561-PP1

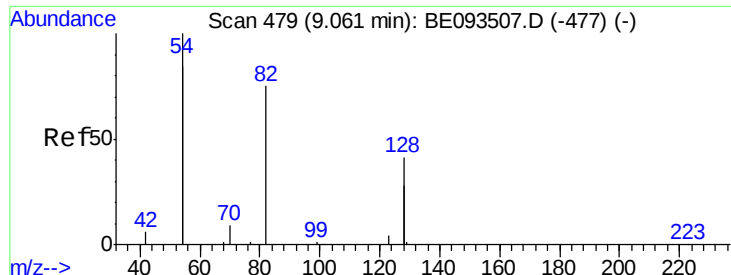
Tot Ion: 99 Resp: 1805
Ion Ratio Lower Upper
99 100
42 23.7 0.0 0.0#
71 39.9 0.0 0.0#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.706 min Scan# 577
Delta R.T. -0.000 min
Lab File: BE093514.D
Acq: 21 Jul 2017 18:41

Tgt Ion: 136 Resp: 16565
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.8
54 45.2 10.3 15.5#
68 10.2 9.0 13.4

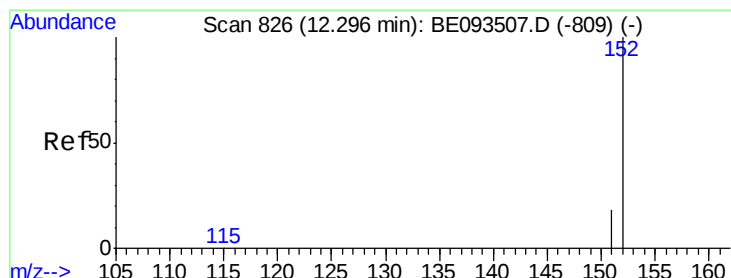
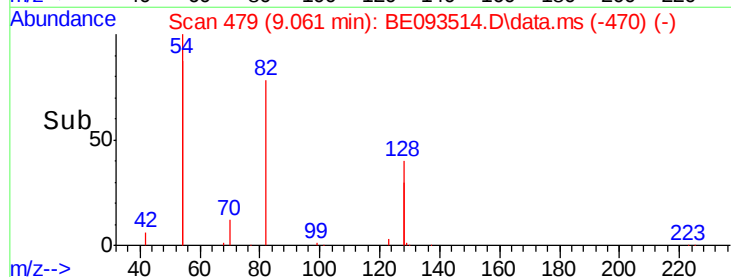
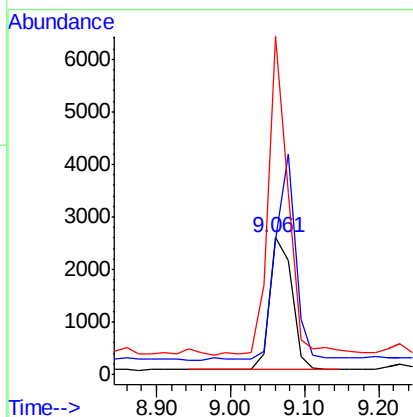
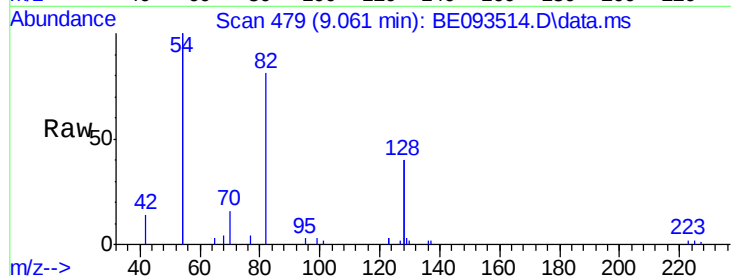




#8
 Nitrobenzene-d5
 Concen: 0.40 ng
 RT: 9.061 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

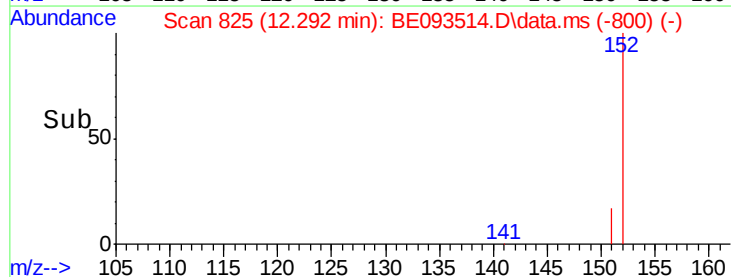
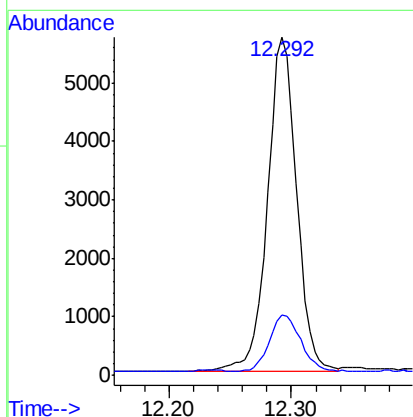
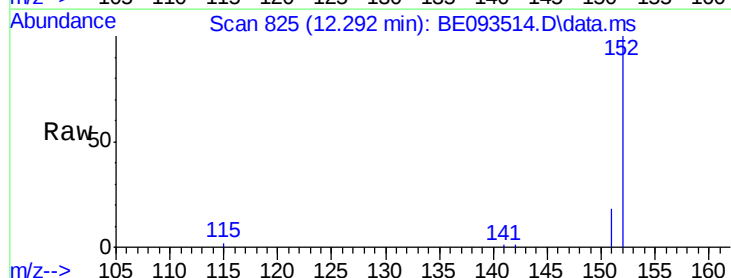
Instrument :
 BNA_E
 ClientSampleId :
 3561-PP1

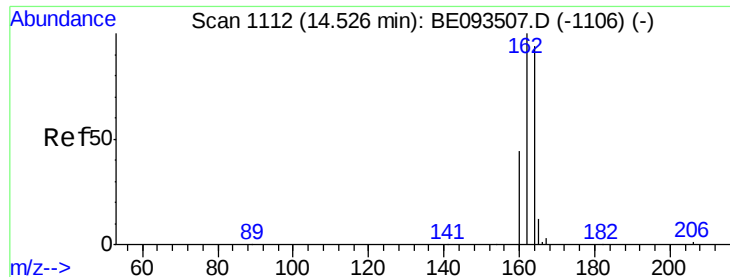
Tot Ion	Ratio	Lower	Upper
82	100		
128	98.4	17.0	25.4#
54	247.4	53.8	80.6#



#11
 2-Methylnaphthalene-d10
 Concen: 0.35 ng
 RT: 12.292 min Scan# 825
 Delta R.T. -0.003 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	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: BE093514.D

Acq: 21 Jul 2017 18:41

Instrument :

BNA_E

ClientSampleId :

3561-PP1

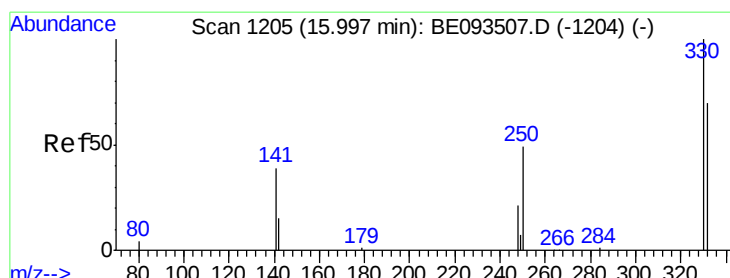
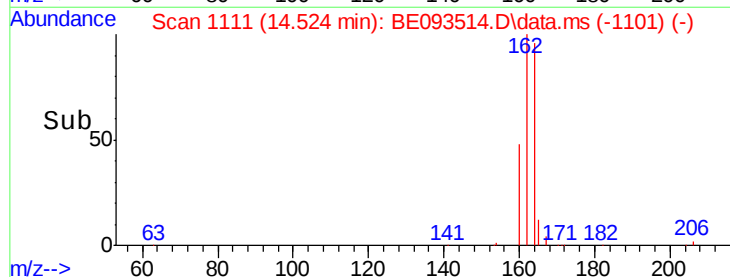
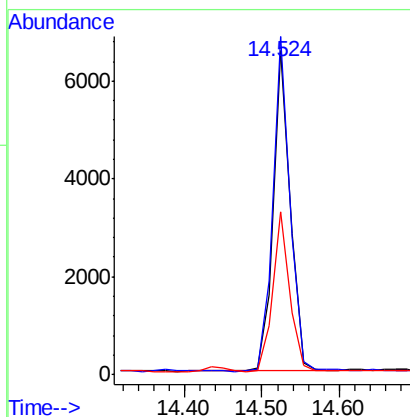
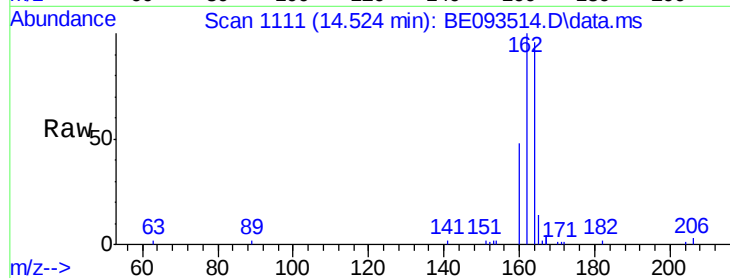
Tot Ion:164 Resp: 9989

Ion Ratio Lower Upper

164 100

162 104.5 84.6 127.0

160 50.2 41.8 62.6



#14

2,4,6-Tribromophenol

Concen: 0.35 ng

RT: 15.996 min Scan# 1204

Delta R.T. -0.002 min

Lab File: BE093514.D

Acq: 21 Jul 2017 18:41

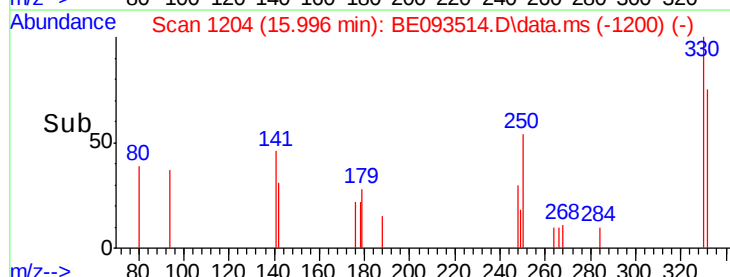
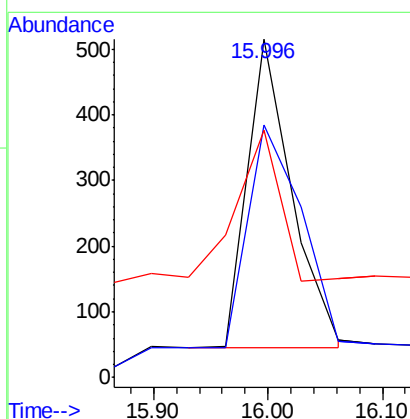
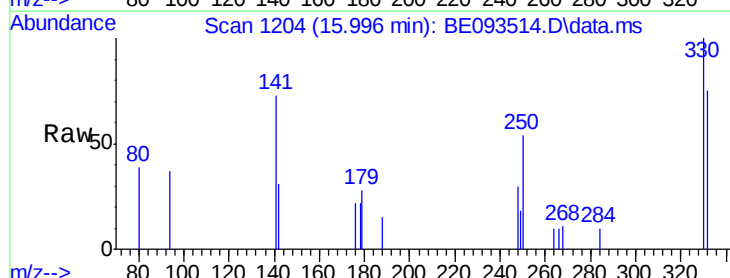
Tgt Ion:330 Resp: 1261

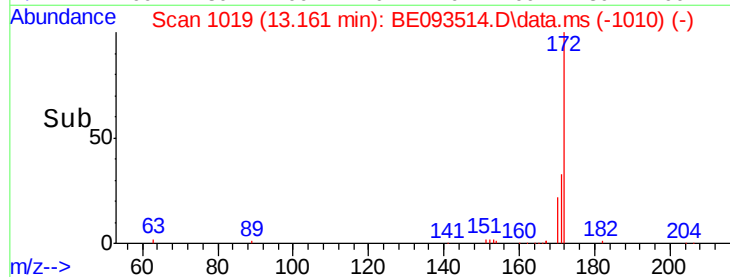
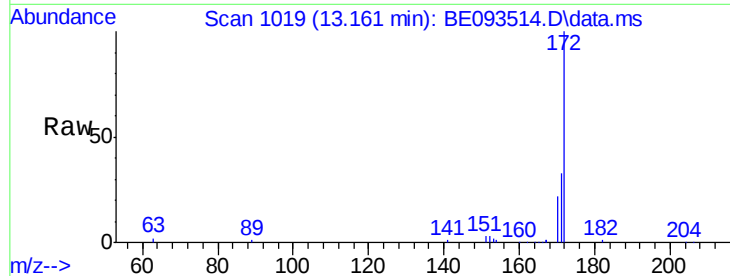
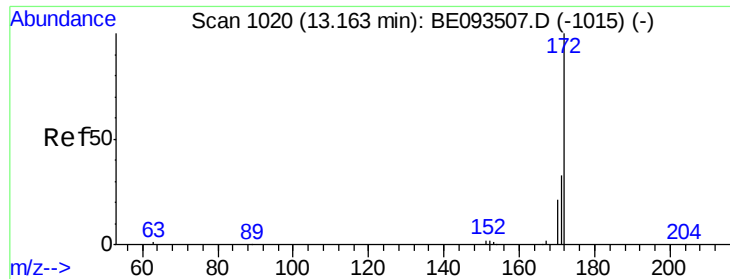
Ion Ratio Lower Upper

330 100

332 87.8 77.7 116.5

141 46.6 56.2 84.4#

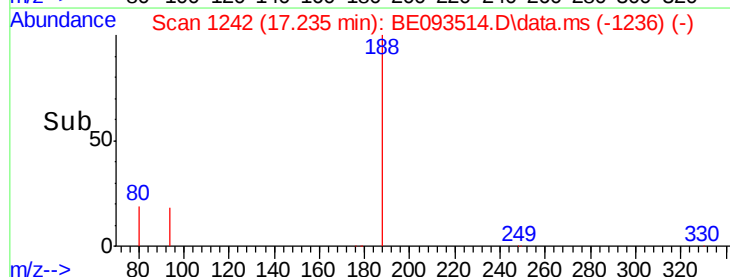
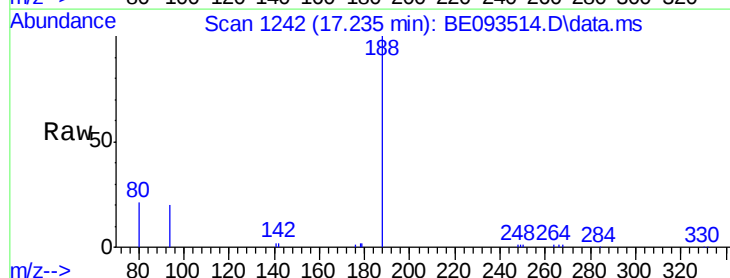
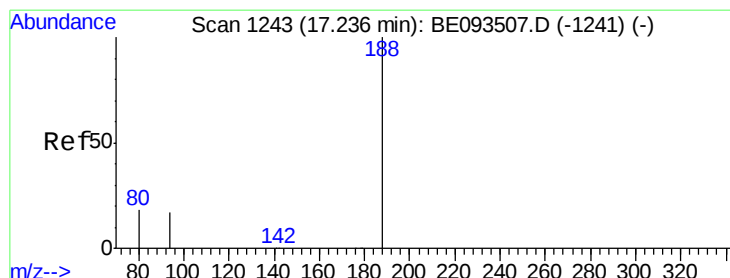
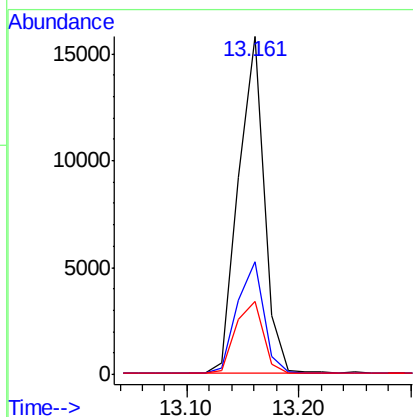




#15
2-Fluorobiphenyl
Concen: 0.64 ng
RT: 13.161 min Scan# 1019
Delta R.T. -0.002 min
Lab File: BE093514.D
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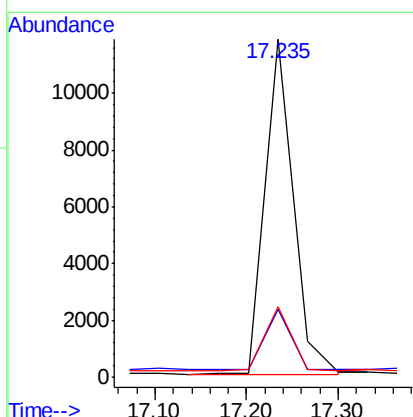
Instrument :
BNA_E
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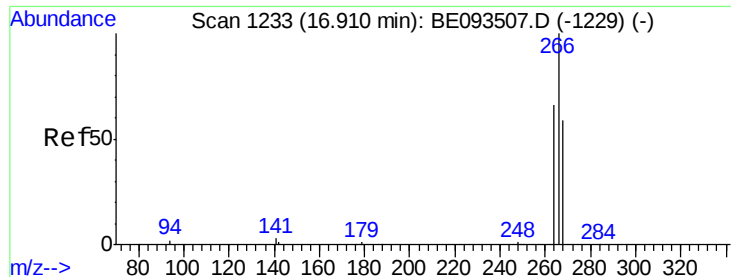
Tot Ion:172	Resp:	25242
Ion Ratio	Lower	Upper
172	100	
171	33.5	29.8 44.6
170	21.7	20.7 31.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.235 min Scan# 1242
Delta R.T. -0.002 min
Lab File: BE093514.D
Acq: 21 Jul 2017 18:41

Tgt Ion:188	Resp:	25423
Ion Ratio	Lower	Upper
188	100	
94	20.1	11.3 16.9#
80	21.0	11.7 17.5#

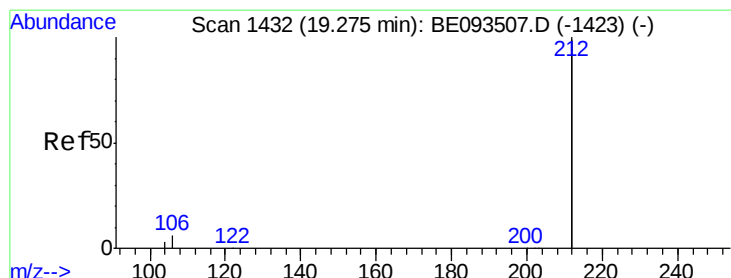
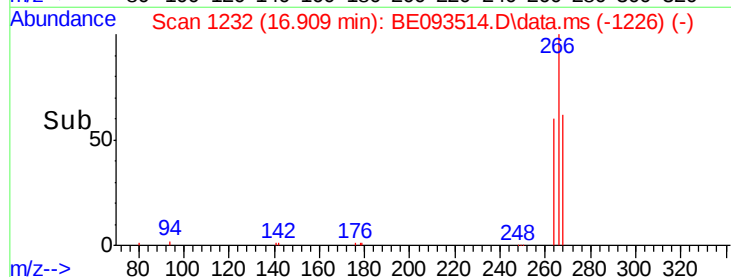
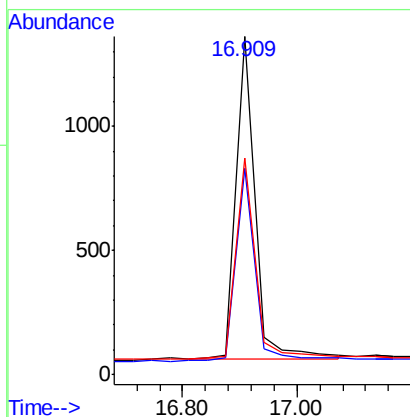
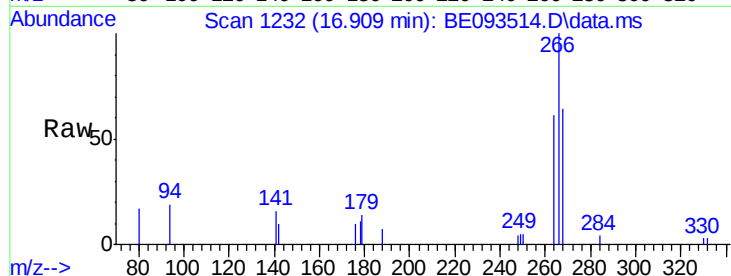




#22
 Pentachlorophenol
 Concen: 0.58 ng
 RT: 16.909 min Scan# 1233
 Delta R.T. -0.001 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

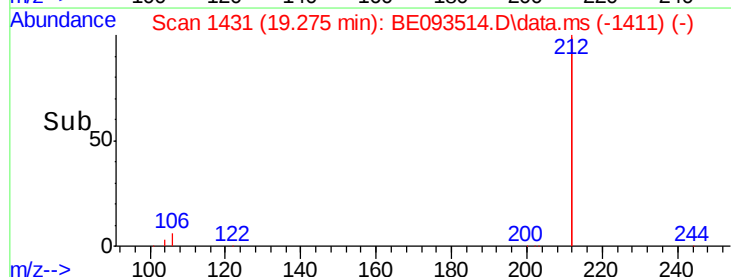
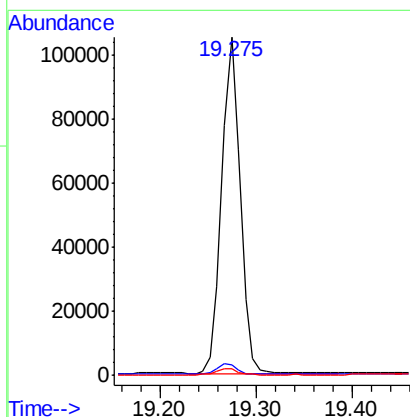
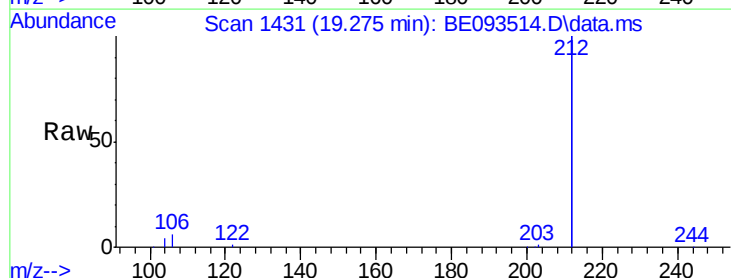
Instrument :
 BNA_E
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 3561-PP1

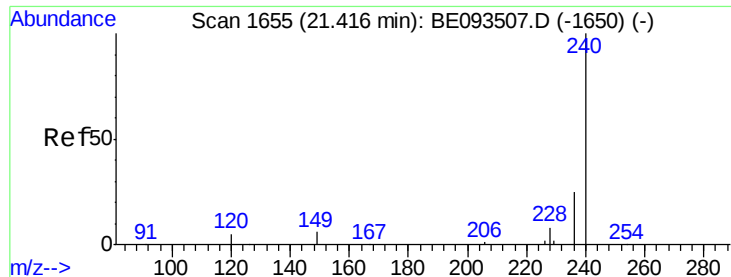
Tot Ion	Ratio	Lower	Upper
266	100		
264	60.8	56.0	84.0
268	64.1	52.0	78.0



#25
 Fluoranthene-d10
 Concen: 0.35 ng
 RT: 19.275 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

Tgt 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: BE093514.D

Acq: 21 Jul 2017 18:41

Instrument :

BNA_E

ClientSampleId :

3561-PP1

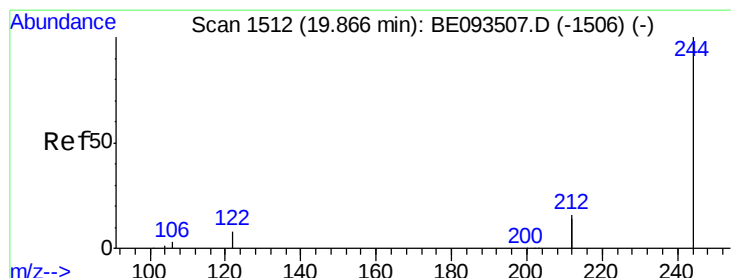
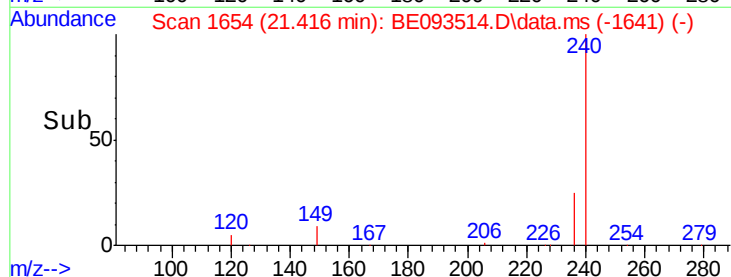
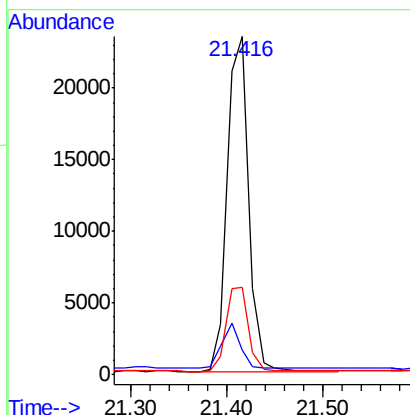
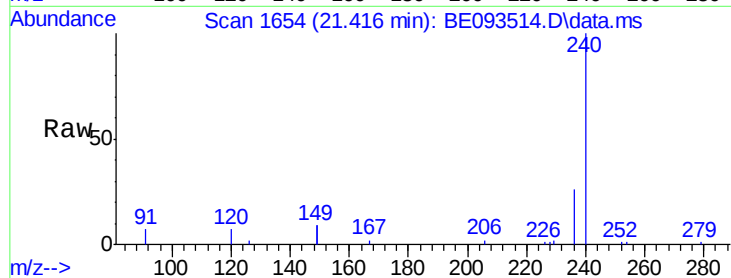
Tot Ion:240 Resp: 36456

Ion Ratio Lower Upper

240 100

120 7.2 4.6 7.0#

236 25.9 20.8 31.2



#29

Terphenyl-d14

Concen: 0.79 ng

RT: 19.859 min Scan# 1510

Delta R.T. -0.008 min

Lab File: BE093514.D

Acq: 21 Jul 2017 18:41

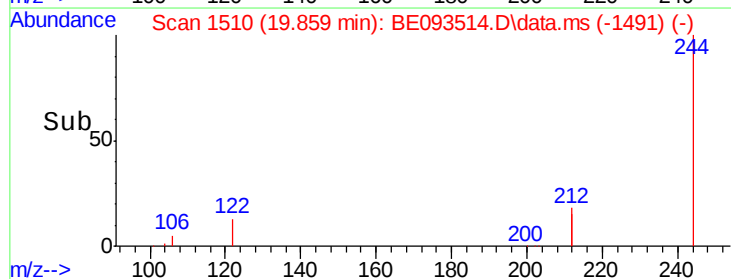
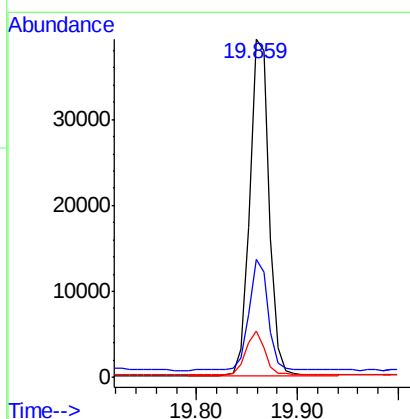
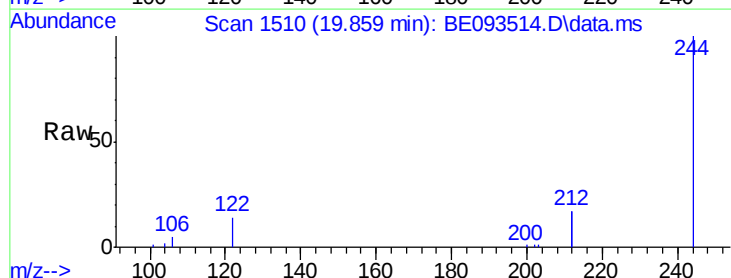
Tgt Ion:244 Resp: 52290

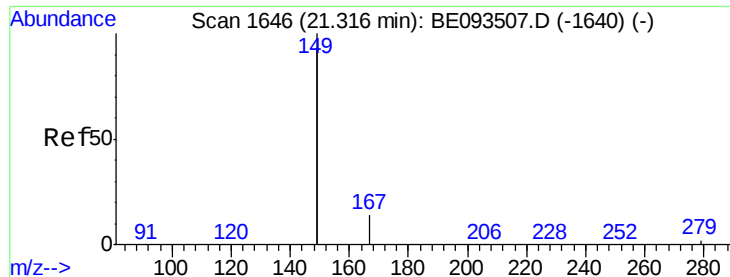
Ion Ratio Lower Upper

244 100

212 34.9 10.6 16.0#

122 13.8 15.4 23.0#

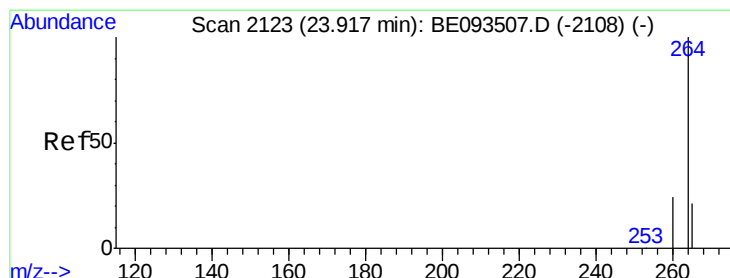
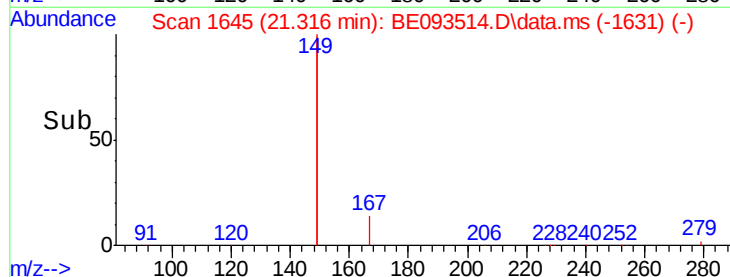
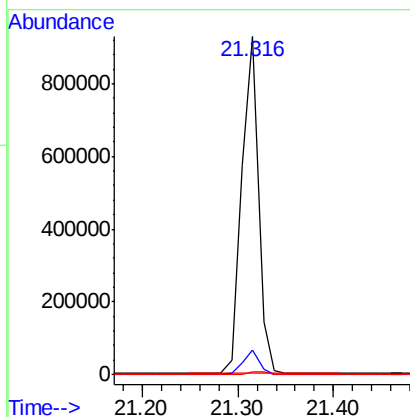
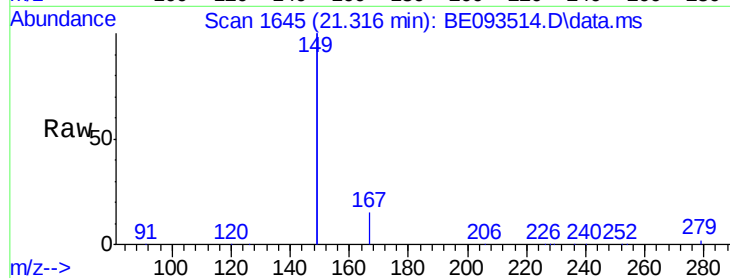




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 4.81 ng
 RT: 21.316 min Scan# 1646
 Delta R.T. 0.001 min
 Lab File: BE093514.D
 Acq: 21 Jul 2017 18:41

Instrument :
 BNA_E
 ClientSampleId :
 3561-PP1

Tot Ion:149 Resp: 1125321
 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: BE093514.D
 Acq: 21 Jul 2017 18:41

Tgt Ion:264 Resp: 31236
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.0 31.4
 265 30.1 24.6 36.8

