

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
 Data File : BE092439.D
 Acq On : 30 Sep 2016 17:49
 Operator : UM/SJ
 Sample : H5012-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 30 19:07:14 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

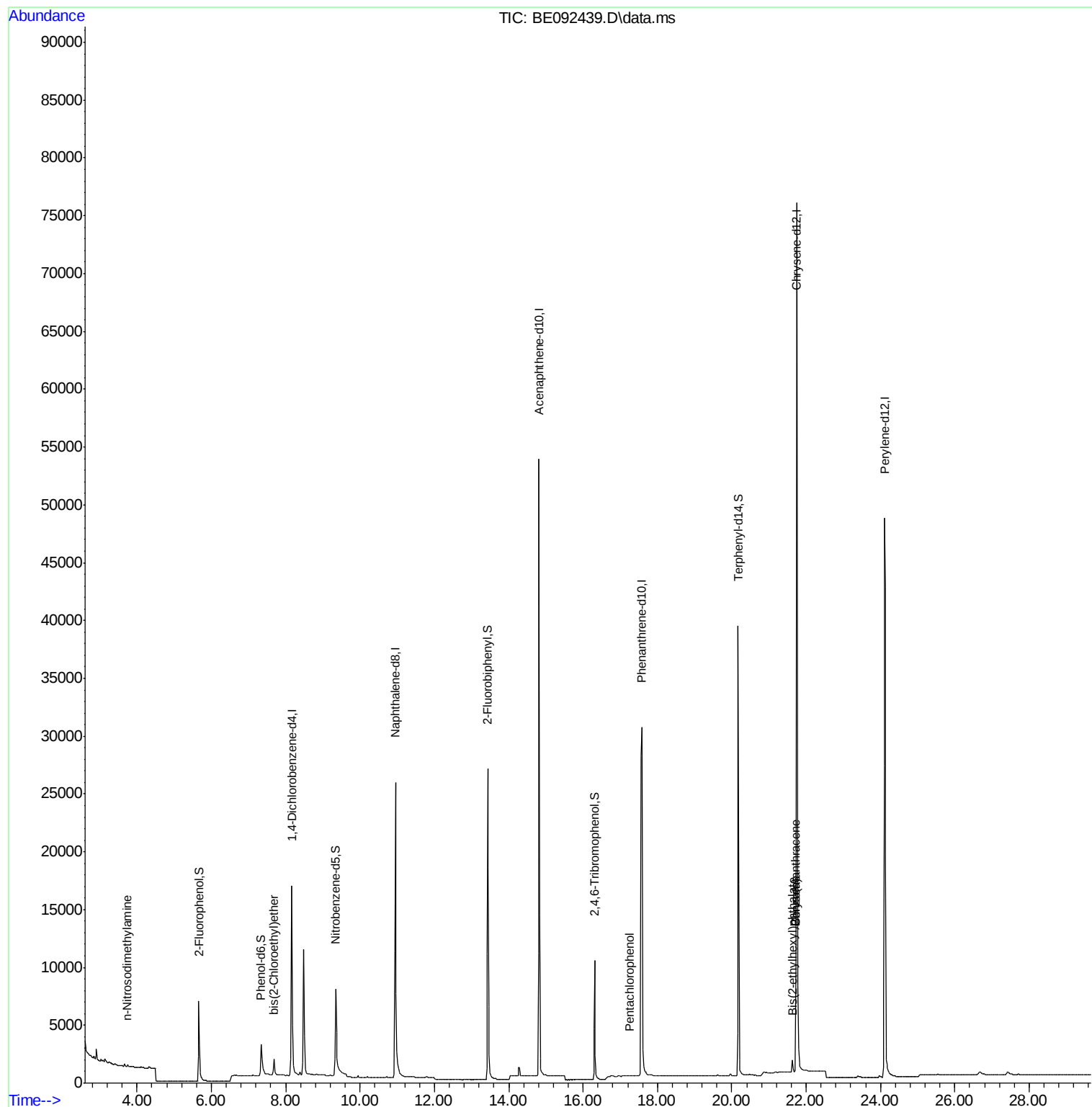
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.164	152	9689	5.00	ng	-0.02
7) Naphthalene-d8	10.952	136	43812	5.00	ng	0.00
12) Acenaphthene-d10	14.815	164	33162	5.00	ng	0.00
18) Phenanthrene-d10	17.579	188	69071	5.00	ng	0.02
24) Chrysene-d12	21.746	240	91021	5.00	ng	0.00
31) Perylene-d12	24.111	264	74988	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.670	112	6563	2.94	ng	-0.02
5) Phenol-d6	7.334	99	4647	1.49	ng	-0.02
8) Nitrobenzene-d5	9.338	82	10704	3.44	ng	-0.02
13) 2,4,6-Tribromophenol	16.307	330	7220	6.18	ng	-0.01
14) 2-Fluorobiphenyl	13.433	172	30966	3.94	ng	-0.01
26) Terphenyl-d14	20.172	244	51230	4.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	25	Below Cal	#	1
3) n-Nitrosodimethylamine	3.735	42	18	0.20 ng	#	2
6) bis(2-Chloroethyl)ether	7.680	93	22	0.10 ng	#	1
20) Pentachlorophenol	17.257	266	21	0.20 ng	#	70
27) Benzo(a)anthracene	21.724	228	2274	0.03 ng	#	66
28) Chrysene	21.724	228	2304	0.03 ng	#	82
29) Bis(2-ethylhexyl)phtha...	21.633	149	1447	0.19 ng	#	76

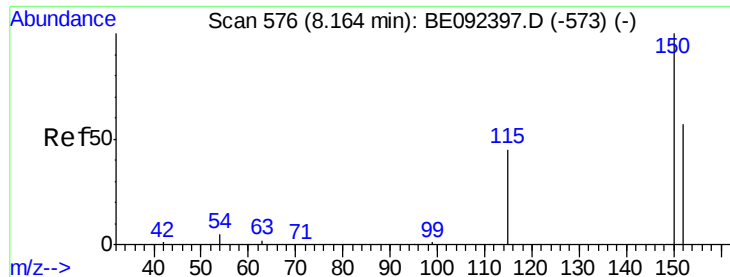
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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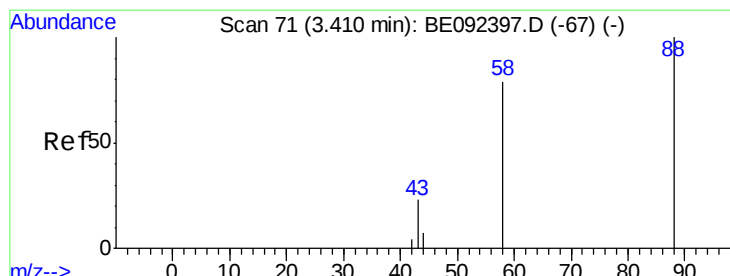
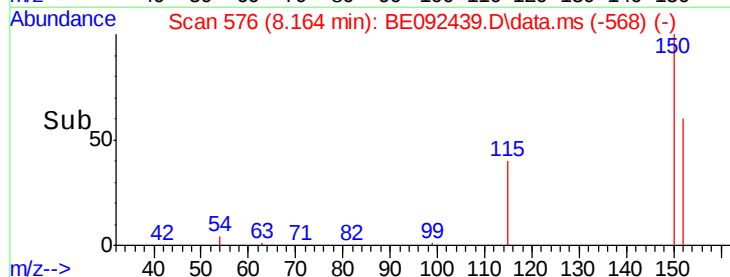
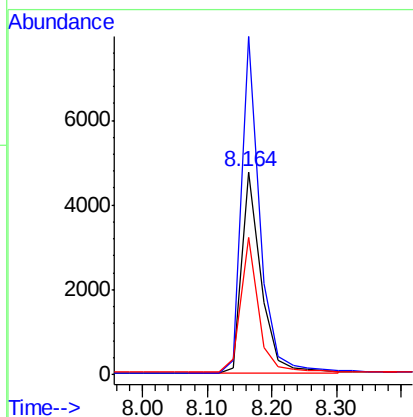
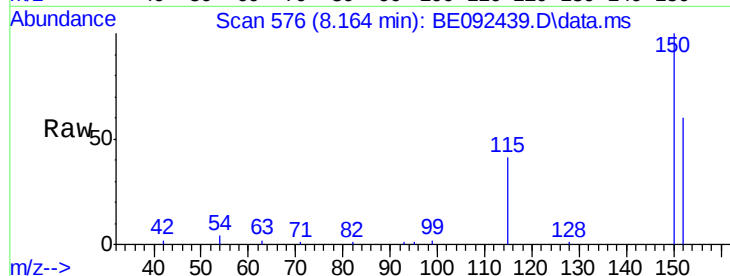




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.164 min Scan# 57
 Delta R.T. -0.024 min
 Lab File: BE092439.D
 Acq: 30 Sep 2016 17:49

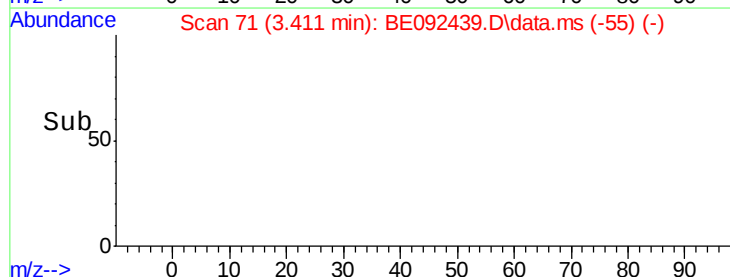
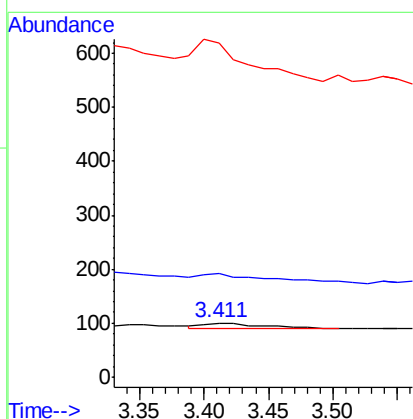
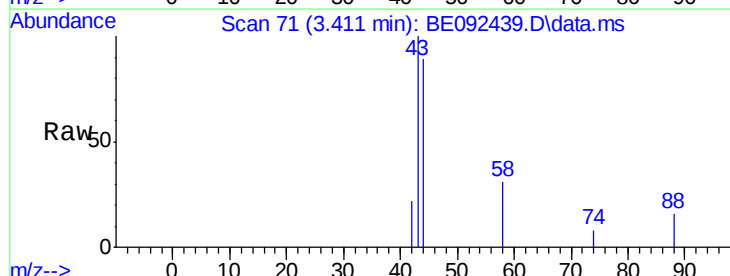
Instrument :
 BNA_E
 ClientSampleId :

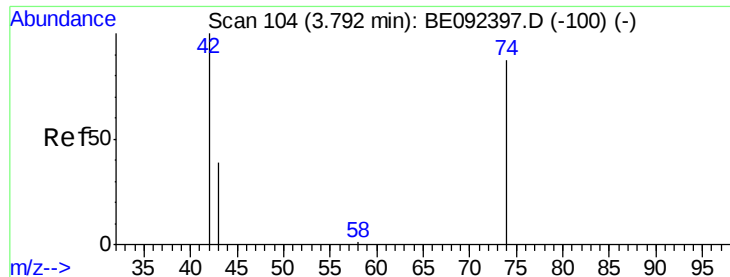
Tot Ion:152 Resp: 9689
 Ion Ratio Lower Upper
 152 100
 150 167.0 106.0 159.0#
 115 67.9 31.2 46.8#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.411 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: BE092439.D
 Acq: 30 Sep 2016 17:49

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.6 95.4#
 43 932.0 28.0 42.0#

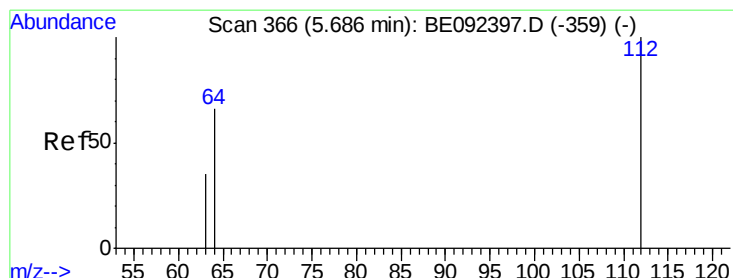
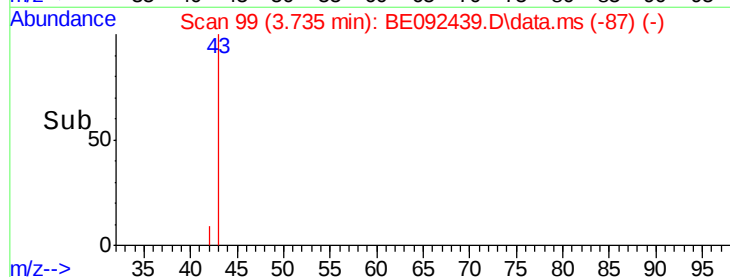
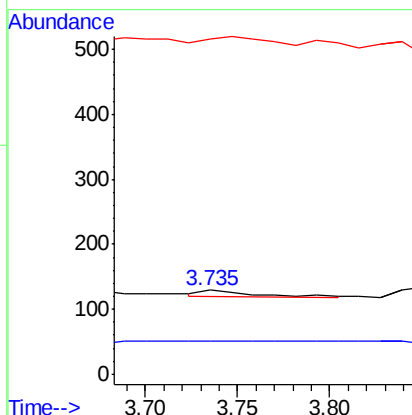
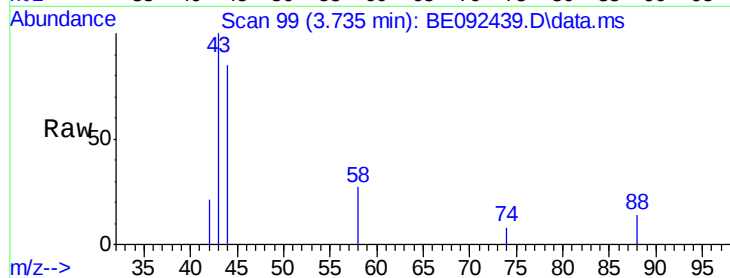




#3
n-Nitrosodimethylamine
Concen: 0.20 ng
RT: 3.735 min Scan# 99
Delta R.T. -0.067 min
Lab File: BE092439.D
Acq: 30 Sep 2016 17:49

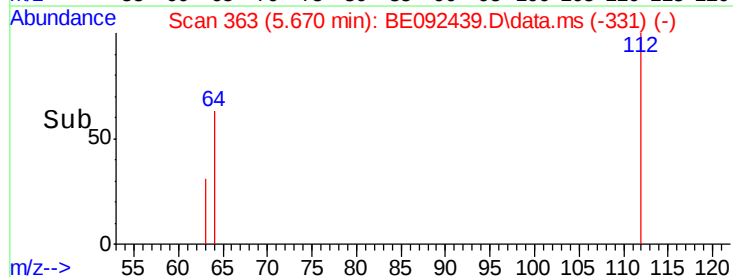
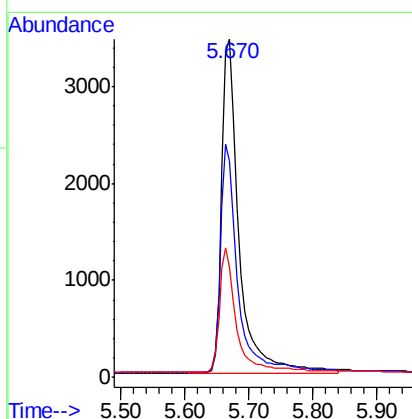
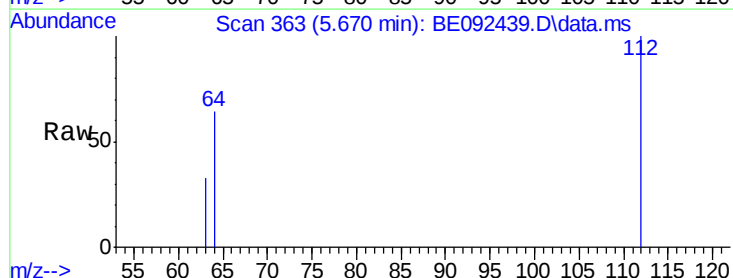
Instrument :
BNA_E
ClientSampleId :

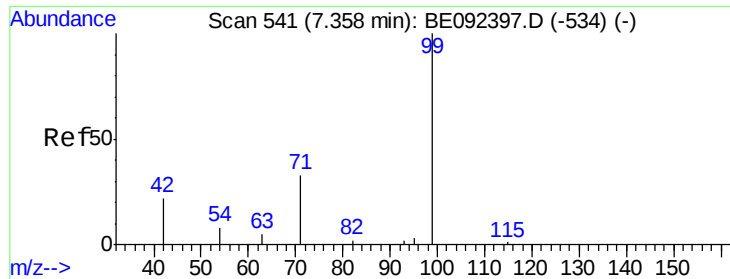
Tot Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 0.0 86.0 129.0#
44 0.0 5.1 7.7#



#4
2-Fluorophenol
Concen: 2.94 ng
RT: 5.670 min Scan# 363
Delta R.T. -0.016 min
Lab File: BE092439.D
Acq: 30 Sep 2016 17:49

Tgt Ion: 112 Resp: 6563
Ion Ratio Lower Upper
112 100
64 68.4 53.5 80.3
63 36.7 27.9 41.9





#5

Phenol-d6

Concen: 1.49 ng

RT: 7.334 min Scan# 541

Delta R.T. -0.024 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampled :

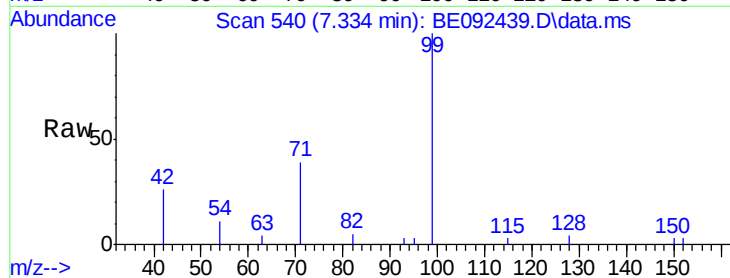
Tot Ion: 99 Resp: 4647

Ion Ratio Lower Upper

99 100

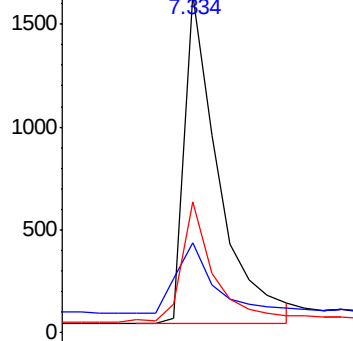
42 23.4 16.0 24.0

71 35.0 30.6 45.8

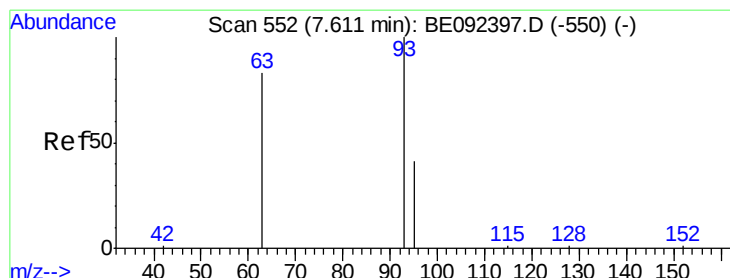
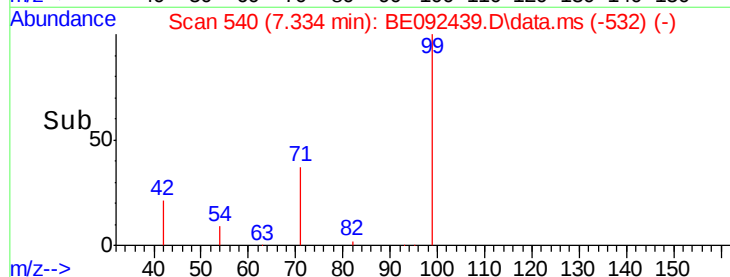


Abundance

7.334



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.680 min Scan# 555

Delta R.T. 0.069 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

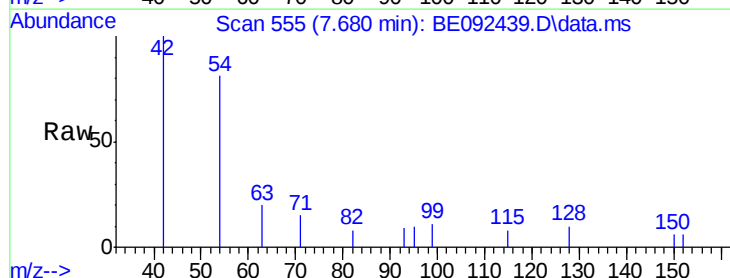
Tgt Ion: 93 Resp: 22

Ion Ratio Lower Upper

93 100

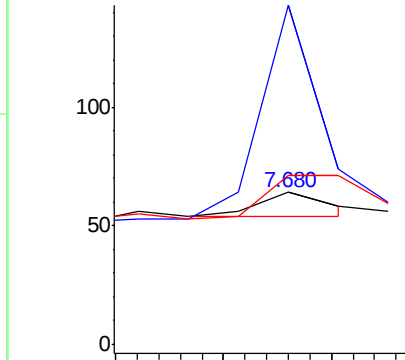
63 768.2 71.6 107.4#

95 0.0 24.0 36.0#

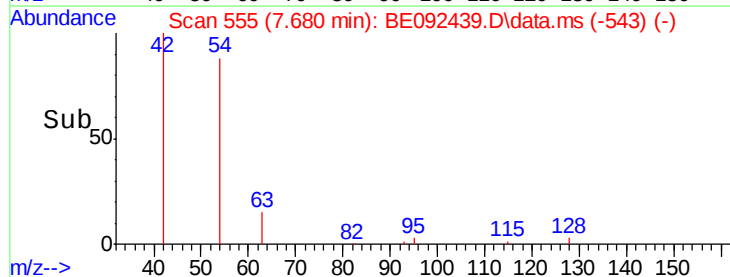


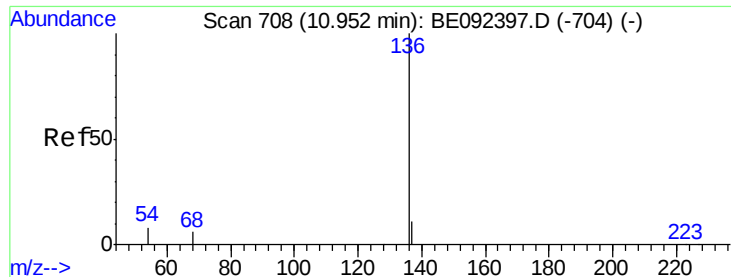
Abundance

7.680



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.952 min Scan# 70

Delta R.T. 0.000 min

Lab File: BE092439.D

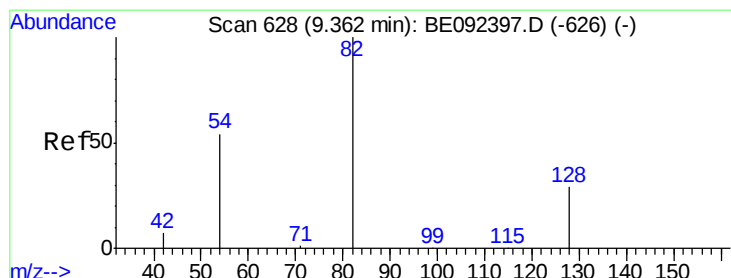
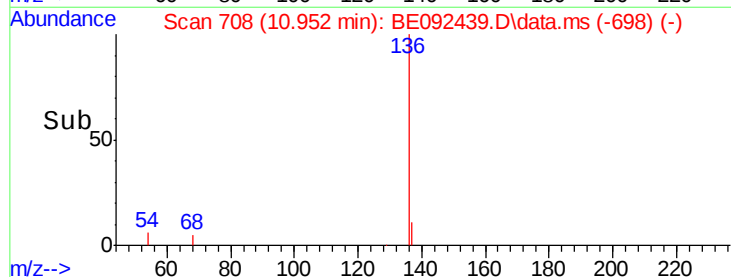
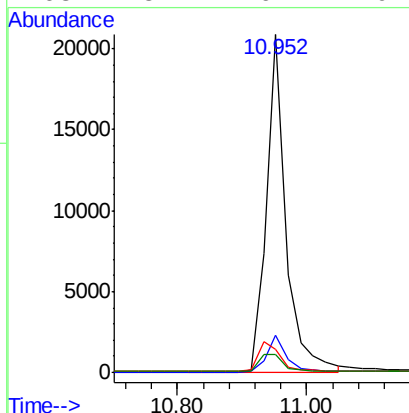
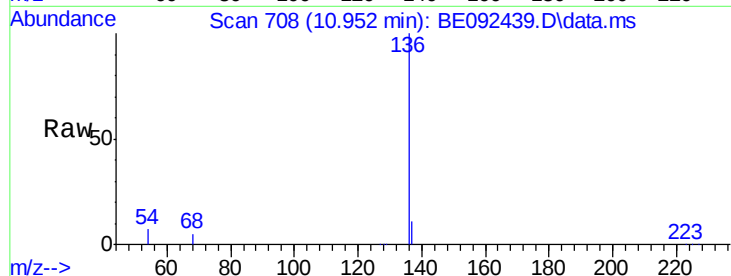
Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	43812
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.4
54	6.8	9.6 14.4#
68	5.2	6.7 10.1#



#8

Nitrobenzene-d5

Concen: 3.44 ng

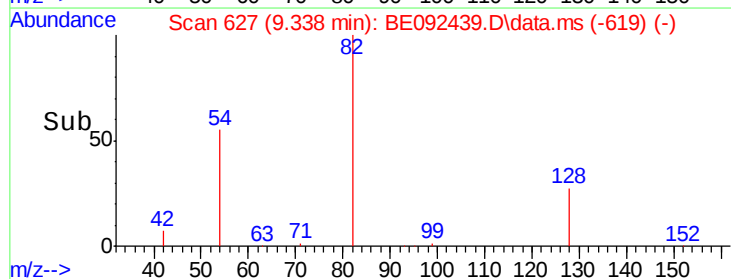
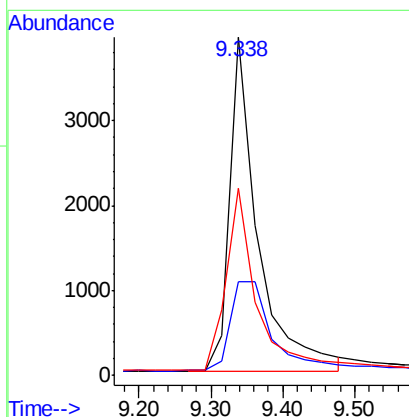
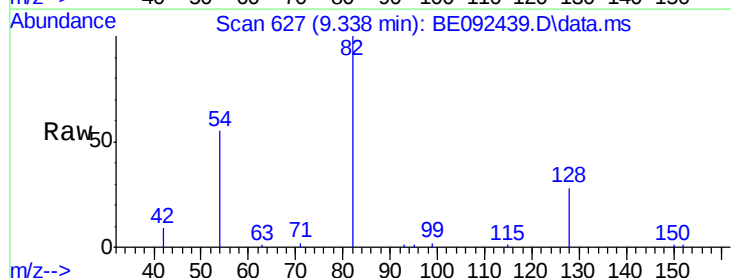
RT: 9.338 min Scan# 627

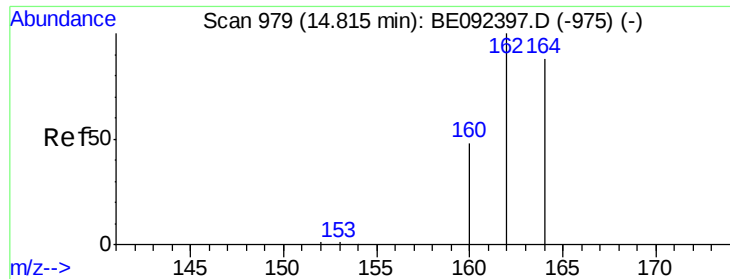
Delta R.T. -0.024 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Tgt Ion: 82	Resp:	10704
Ion Ratio	Lower	Upper
82	100	
128	27.9	39.0 58.4#
54	55.5	44.8 67.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.815 min Scan# 98

Delta R.T. 0.000 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampleId :

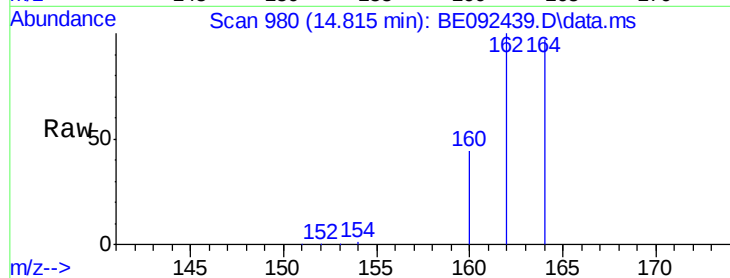
Tot Ion:164 Resp: 33162

Ion Ratio Lower Upper

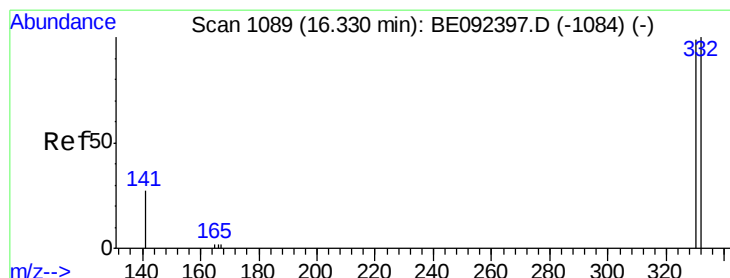
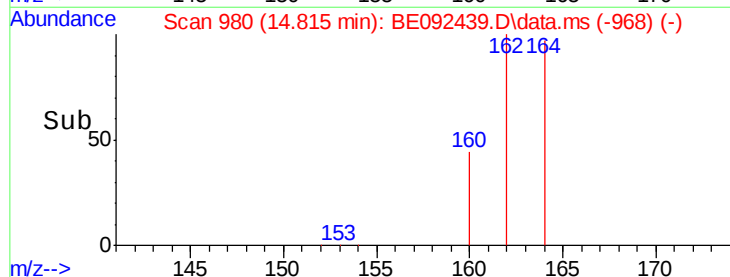
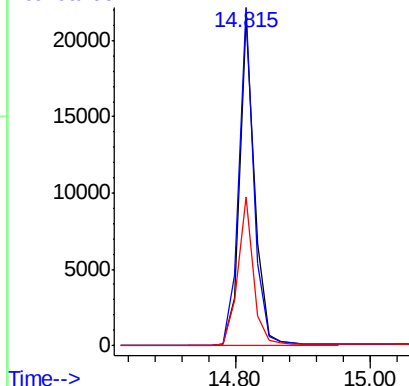
164 100

162 103.4 71.4 107.0

160 45.4 27.4 41.2#



Abundance



#13

2,4,6-Tribromophenol

Concen: 6.18 ng

RT: 16.307 min Scan# 1088

Delta R.T. -0.011 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

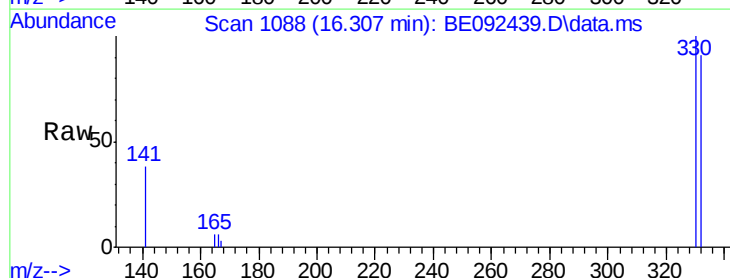
Tgt Ion:330 Resp: 7220

Ion Ratio Lower Upper

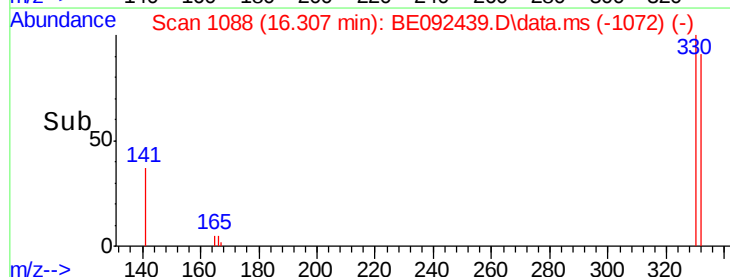
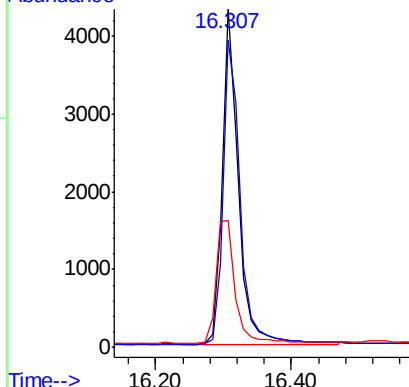
330 100

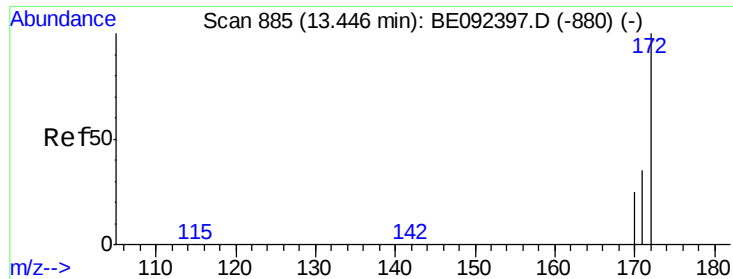
332 96.9 75.4 113.0

141 43.8 31.0 46.6



Abundance

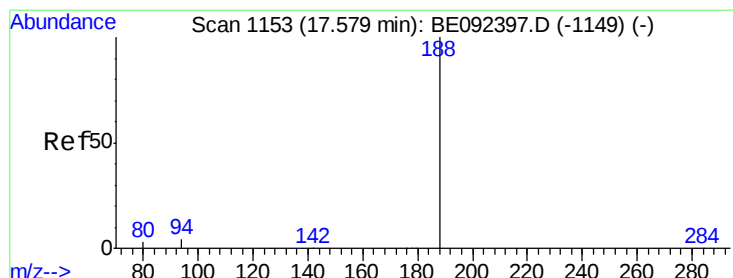
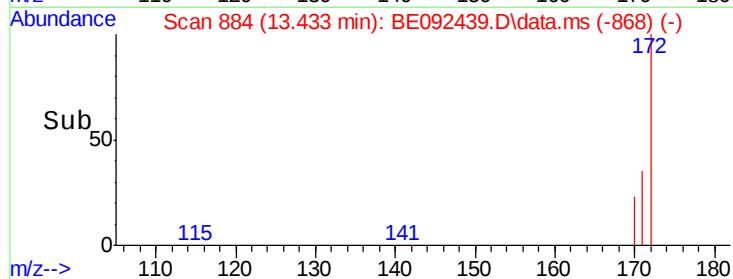
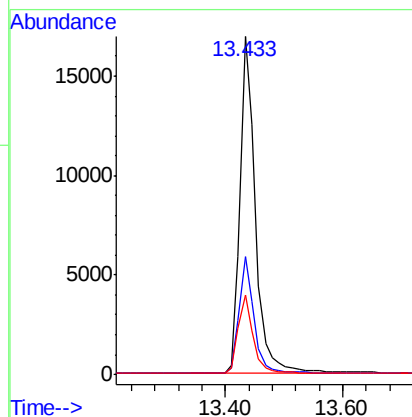
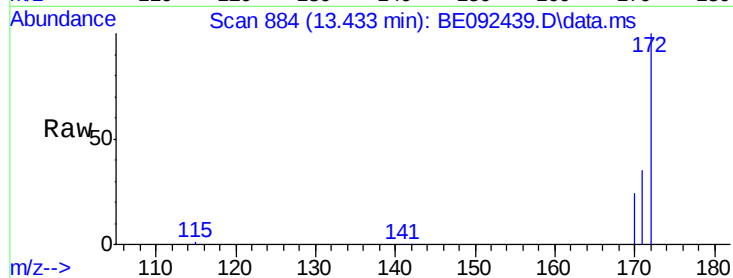




#14
2-Fluorobiphenyl
Concen: 3.94 ng
RT: 13.433 min Scan# 88
Delta R.T. -0.012 min
Lab File: BE092439.D
Acq: 30 Sep 2016 17:49

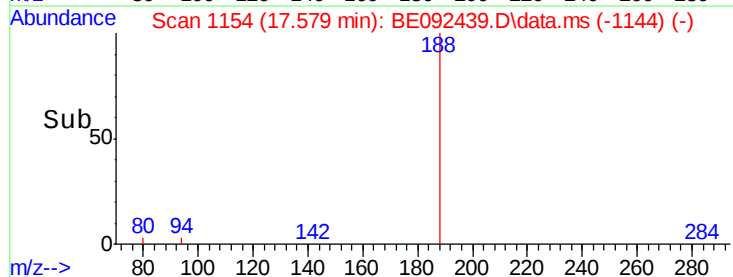
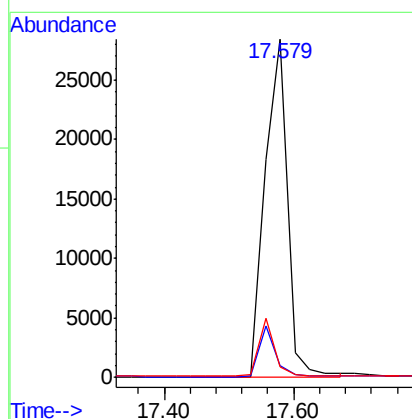
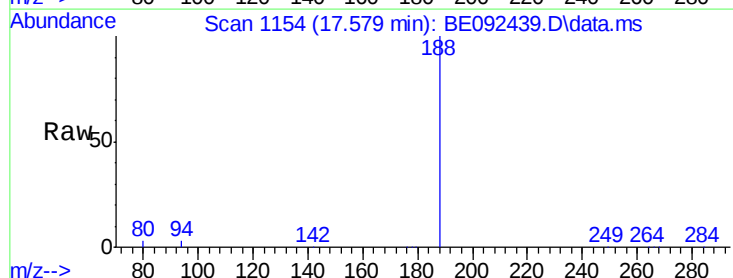
Instrument :
BNA_E
ClientSampleId :

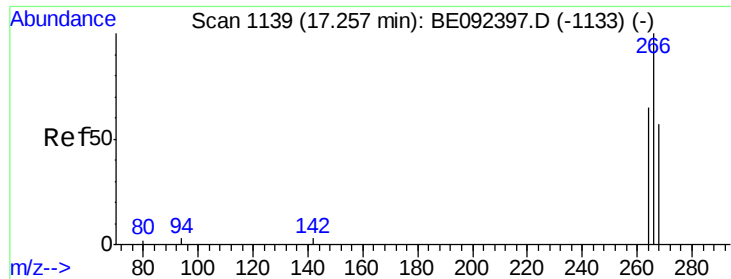
Tot Ion:172 Resp: 30966
Ion Ratio Lower Upper
172 100
171 34.7 30.1 45.1
170 23.7 21.8 32.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.579 min Scan# 1154
Delta R.T. 0.023 min
Lab File: BE092439.D
Acq: 30 Sep 2016 17:49

Tgt Ion:188 Resp: 69071
Ion Ratio Lower Upper
188 100
94 3.4 3.2 4.8
80 3.0 2.6 3.8





#20

Pentachlorophenol

Concen: 0.20 ng

RT: 17.257 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampleId :

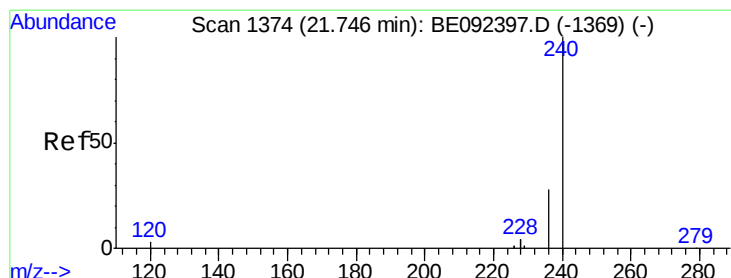
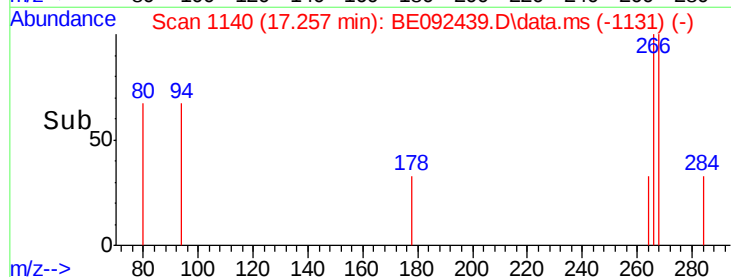
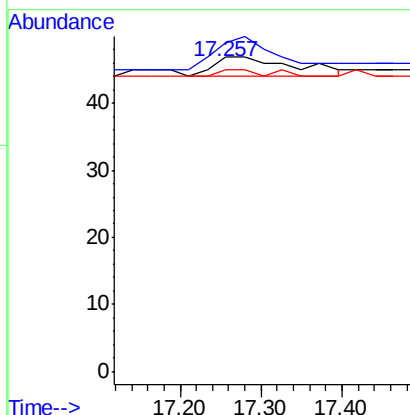
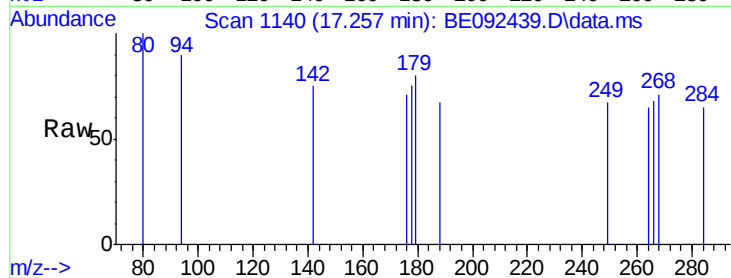
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

268 104.3 62.5 93.7#

264 95.7 57.2 85.8#



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.746 min Scan# 1375

Delta R.T. -0.000 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

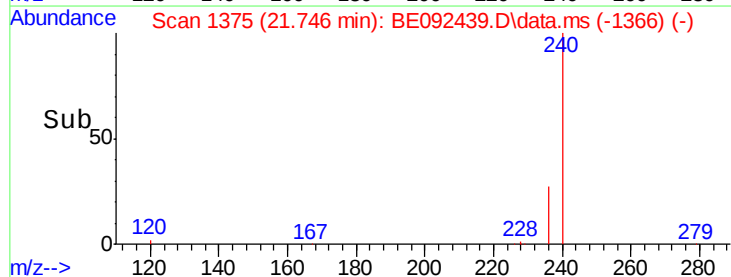
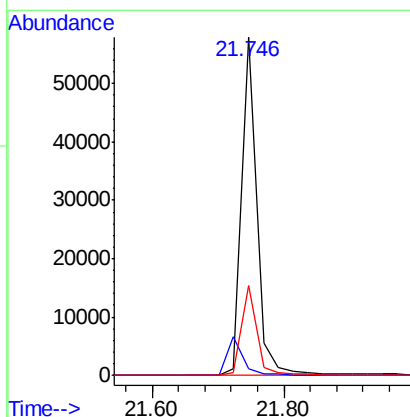
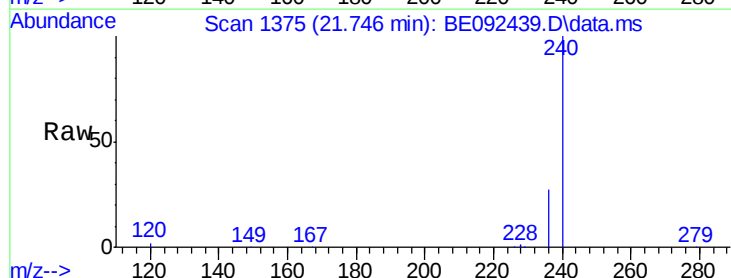
Tgt Ion:240 Resp: 91021

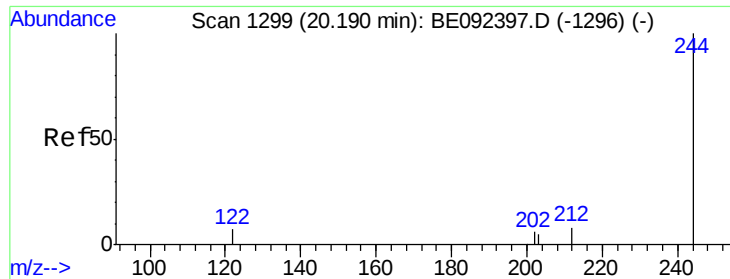
Ion Ratio Lower Upper

240 100

120 2.1 2.6 4.0#

236 26.7 24.6 37.0





#26

Terphenyl-d14

Concen: 4.54 ng

RT: 20.172 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampleId :

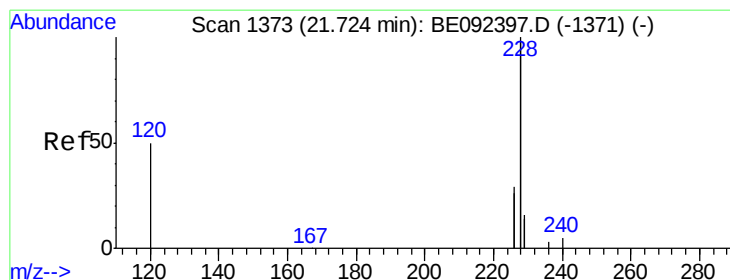
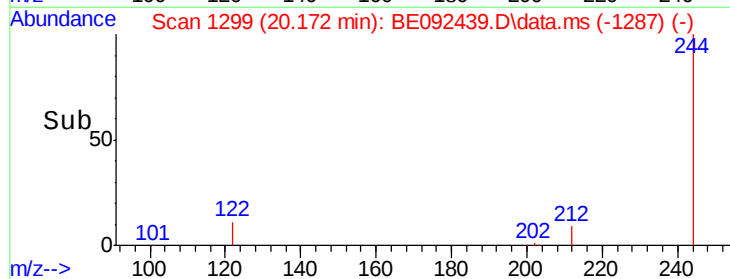
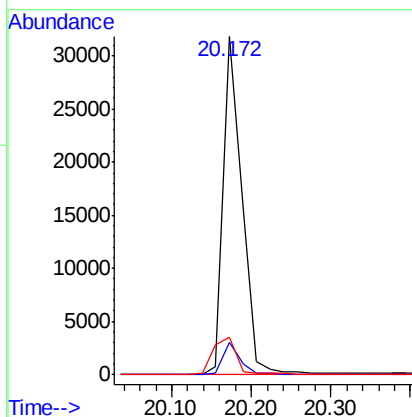
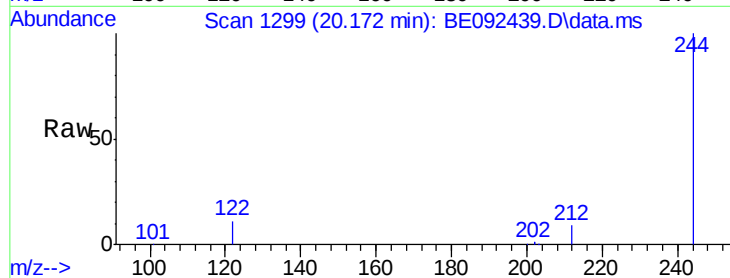
Tot Ion:244 Resp: 51230

Ion Ratio Lower Upper

244 100

212 9.4 6.7 10.1

122 11.0 3.6 5.4#



#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.724 min Scan# 1374

Delta R.T. -0.000 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

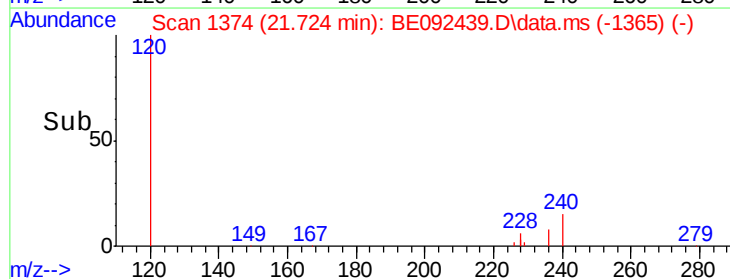
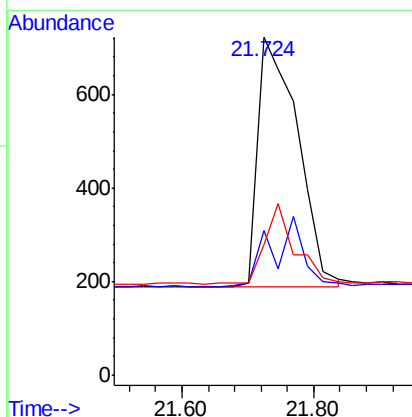
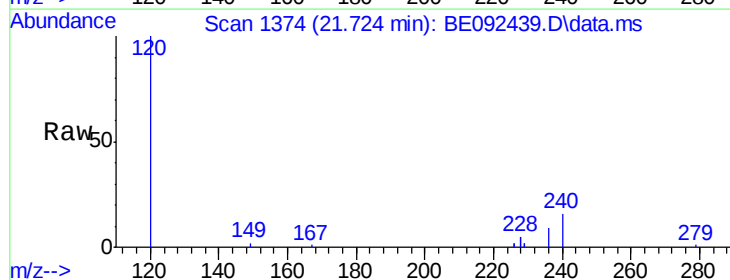
Tgt Ion:228 Resp: 2274

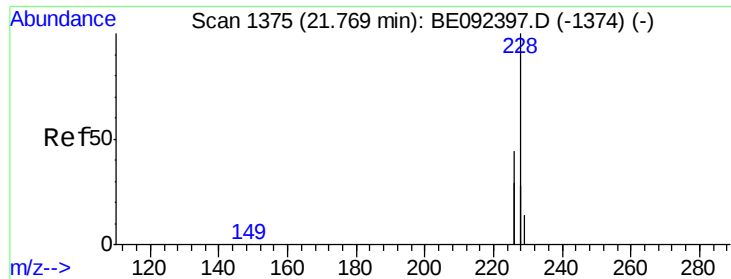
Ion Ratio Lower Upper

228 100

226 42.7 23.6 35.4#

229 38.8 13.3 19.9#





#28

Chrysene

Concen: 0.03 ng

RT: 21.724 min Scan# 1374

Delta R.T. -0.044 min

Lab File: BE092439.D

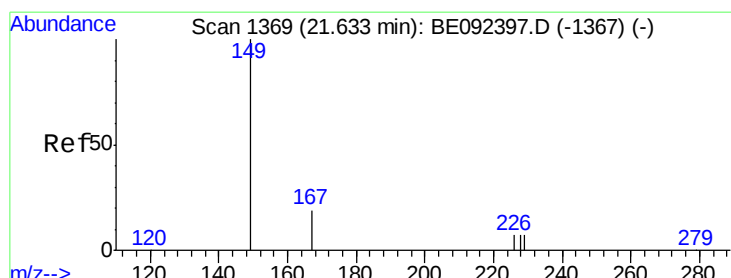
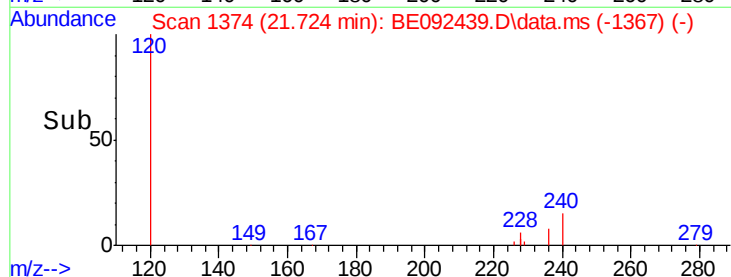
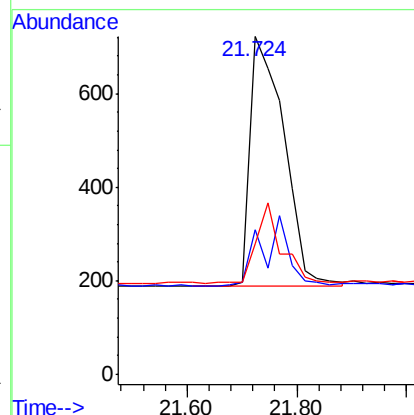
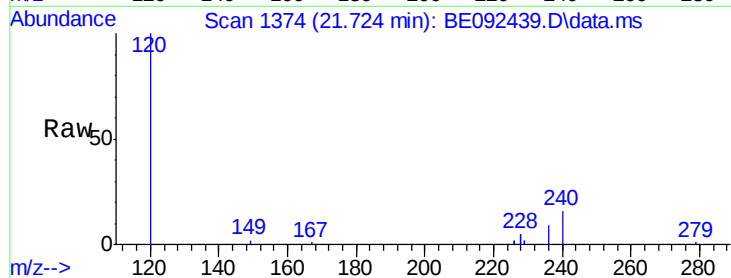
Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:228	Resp:	2304
Ion Ratio	Lower	Upper
228	100	
226	42.7	36.3 54.5
229	38.8	10.6 16.0#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

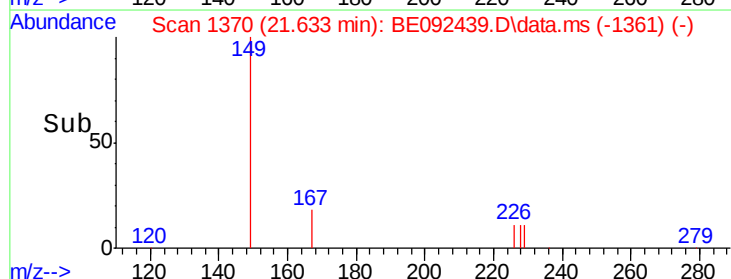
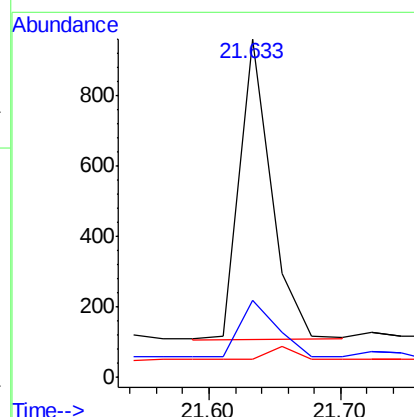
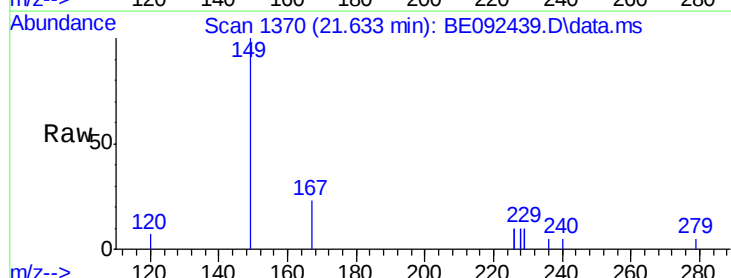
RT: 21.633 min Scan# 1370

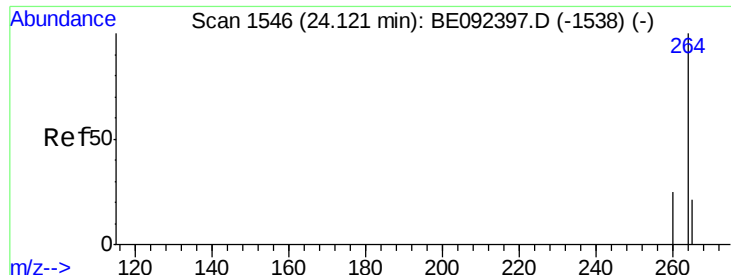
Delta R.T. -0.000 min

Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Tgt Ion:149	Resp:	1447
Ion Ratio	Lower	Upper
149	100	
167	22.0	16.0 24.0
279	0.0	16.0 24.0#





#31

Pervlene-d12

Concen: 5.00 ng

RT: 24.111 min Scan# 15

Delta R.T. 0.025 min

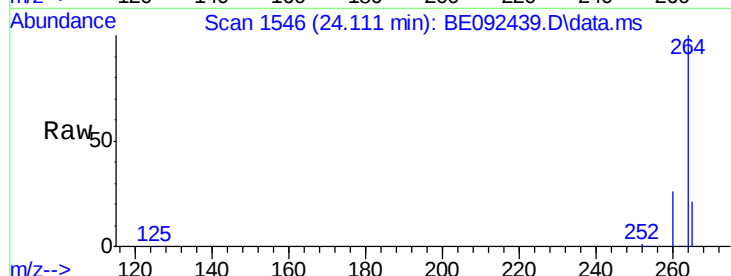
Lab File: BE092439.D

Acq: 30 Sep 2016 17:49

Instrument :

BNA_E

ClientSampleId :



Tot Ion:264 Resp: 74988

Ion Ratio Lower Upper

264 100

260 26.1 20.1 30.1

265 20.9 17.9 26.9

