

Data Path : Z:\HPCHEM1\BNA E\Data\BE093016\
 Data File : BE092438.D
 Acq On : 30 Sep 2016 17:13
 Operator : UM/SJ
 Sample : PB93716BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 30 19:07:05 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

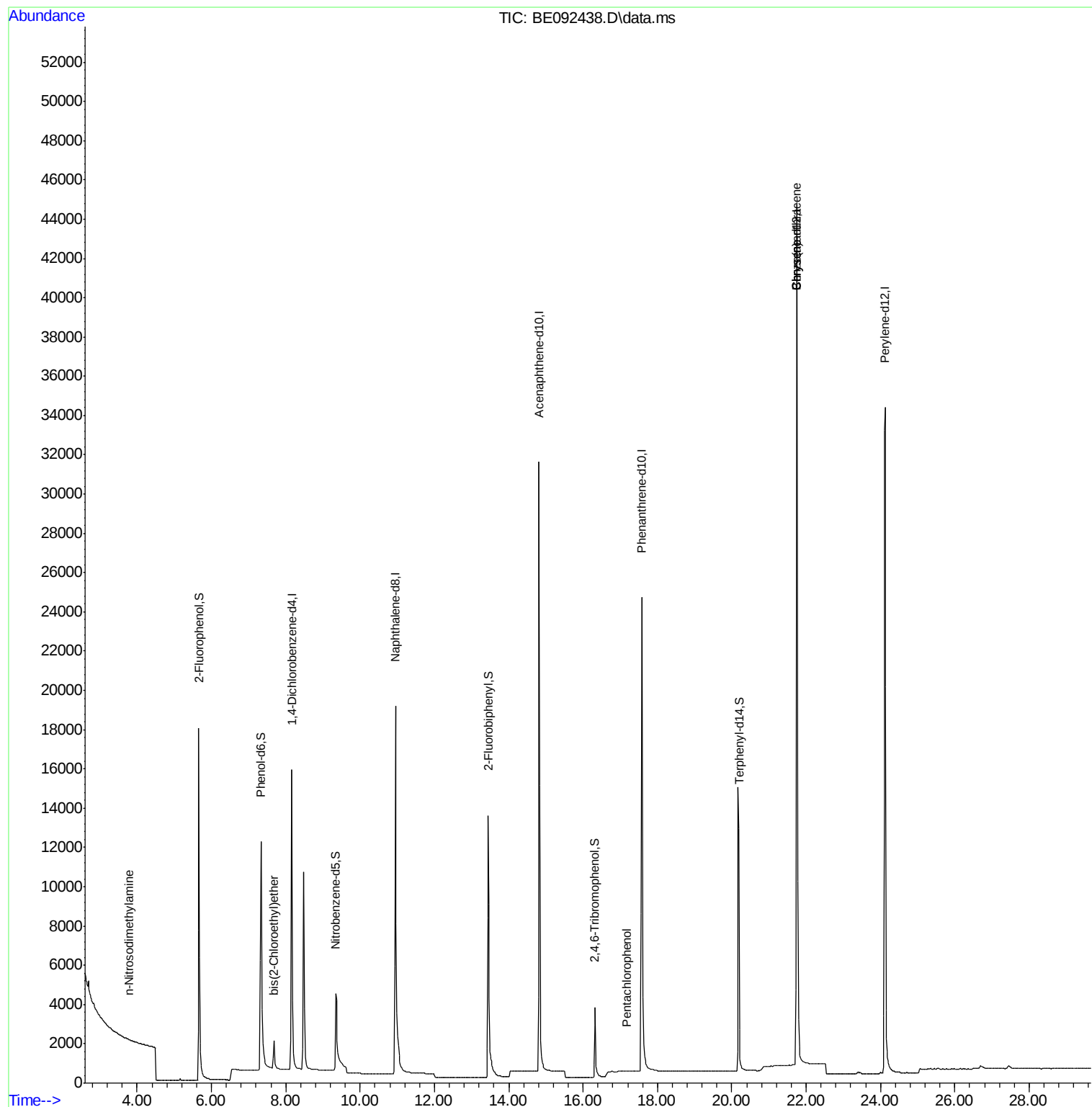
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.164	152	8915	5.00	ng	-0.02
7) Naphthalene-d8	10.952	136	35541	5.00	ng	0.00
12) Acenaphthene-d10	14.815	164	23116	5.00	ng	0.00
18) Phenanthrene-d10	17.579	188	43795	5.00	ng	0.02
24) Chrysene-d12	21.746	240	58243	5.00	ng	0.00
31) Perylene-d12	24.123	264	56716	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.665	112	16136	7.68	ng	-0.02
5) Phenol-d6	7.335	99	18780	6.27	ng	-0.02
8) Nitrobenzene-d5	9.338	82	7784	3.10	ng	-0.02
13) 2,4,6-Tribromophenol	16.320	330	3428	4.26	ng	0.00
14) 2-Fluorobiphenyl	13.445	172	20361	3.72	ng	0.00
26) Terphenyl-d14	20.190	244	26074	3.61	ng	0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.793	42	42	0.22	ng	# 2
6) bis(2-Chloroethyl)ether	7.680	93	21	0.10	ng	# 1
20) Pentachlorophenol	17.165	266	1	0.18	ng	# 70
27) Benzo(a)anthracene	21.746	228	1625	0.03	ng	# 60
28) Chrysene	21.746	228	1649	0.03	ng	# 68

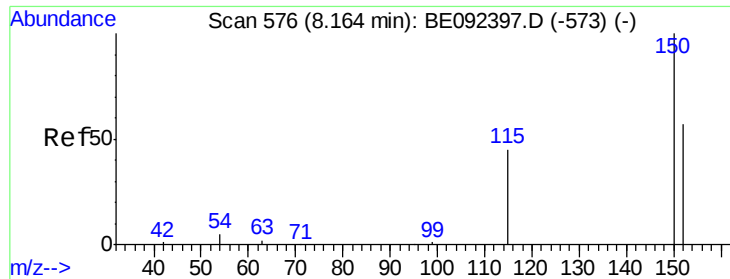
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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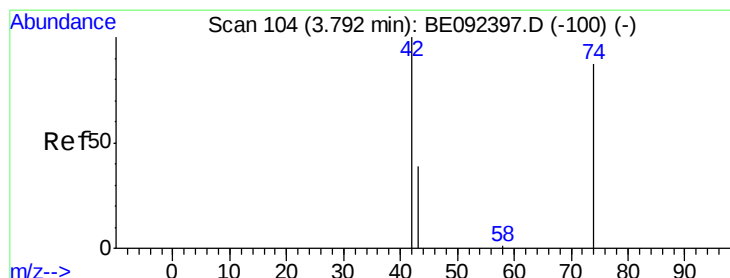
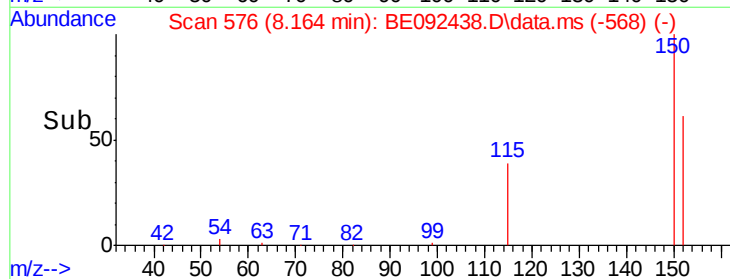
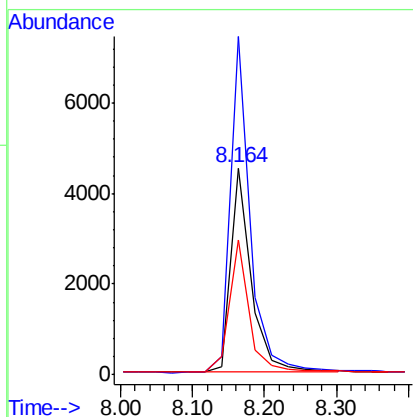
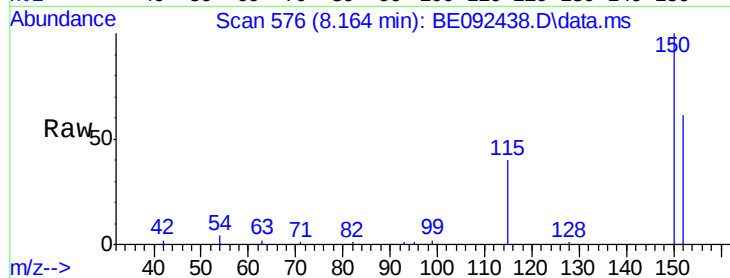




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.164 min Scan# 57
 Delta R.T. -0.024 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

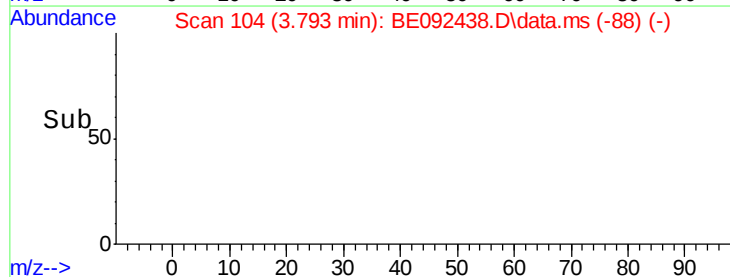
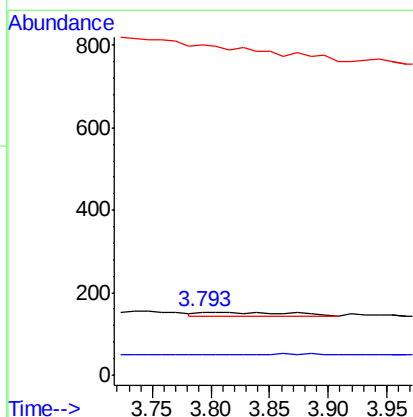
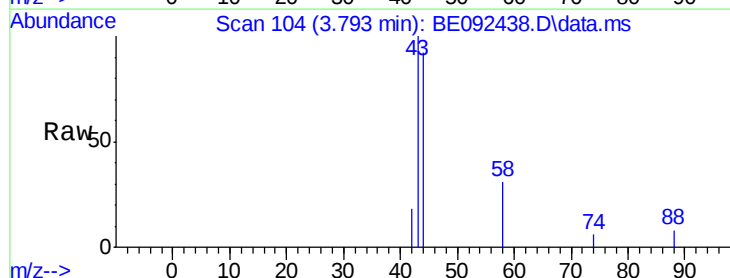
Instrument :
 BNA_E
 ClientSampleId :

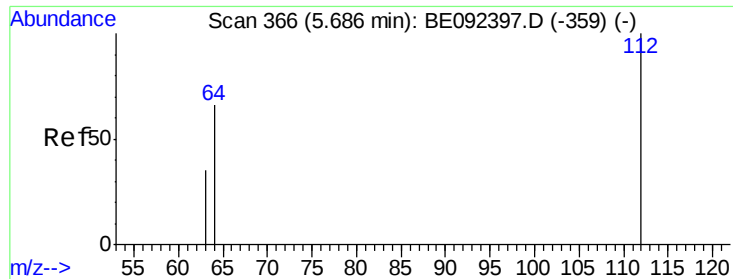
Tot Ion:152 Resp: 8915
 Ion Ratio Lower Upper
 152 100
 150 163.9 106.0 159.0#
 115 65.3 31.2 46.8#



#3
 n-Nitrosodimethylamine
 Concen: 0.22 ng
 RT: 3.793 min Scan# 104
 Delta R.T. -0.009 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

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

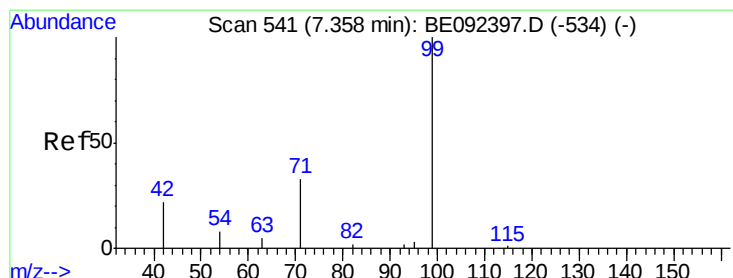
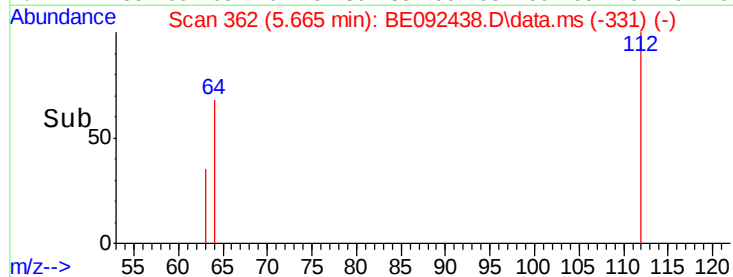
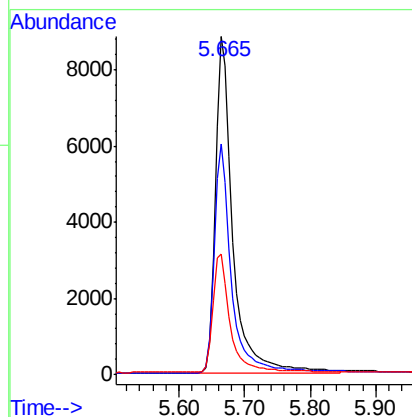
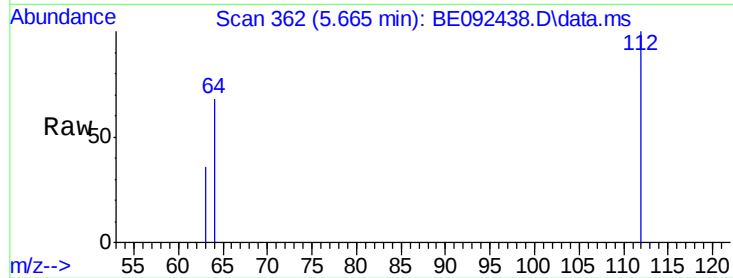




#4
2-Fluorophenol
Concen: 7.68 ng
RT: 5.665 min Scan# 361
Delta R.T. -0.021 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

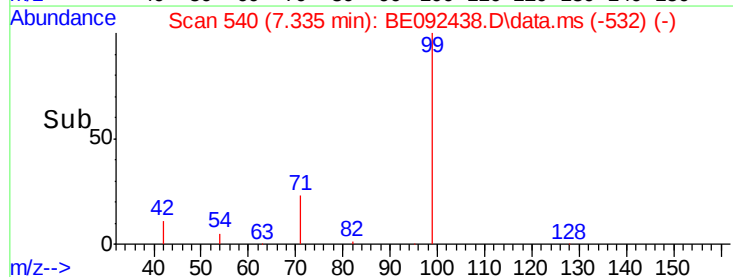
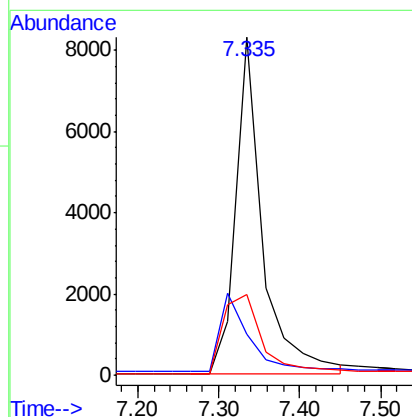
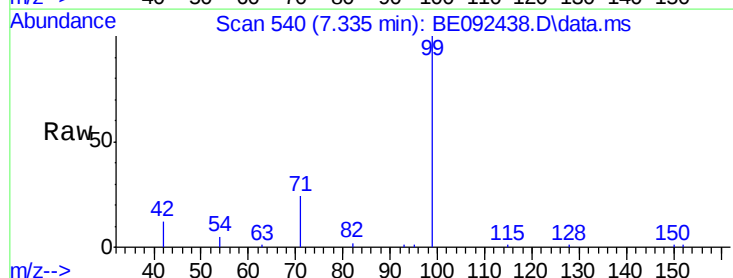
Instrument :
BNA_E
ClientSampled :

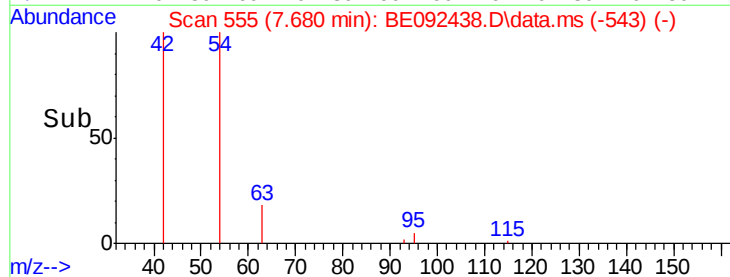
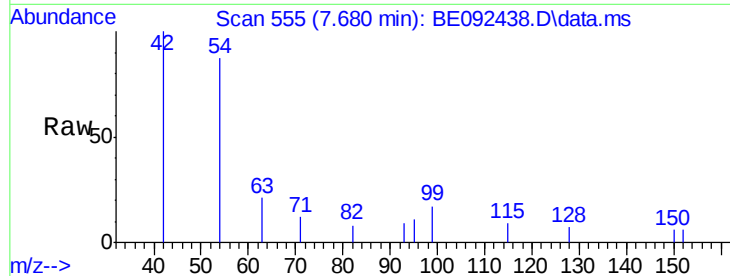
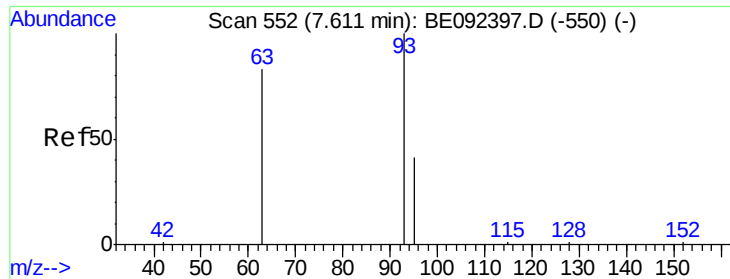
Tot Ion:112 Resp: 16136
Ion Ratio Lower Upper
112 100
64 67.5 53.5 80.3
63 35.9 27.9 41.9



#5
Phenol-d6
Concen: 6.27 ng
RT: 7.335 min Scan# 540
Delta R.T. -0.023 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion: 99 Resp: 18780
Ion Ratio Lower Upper
99 100
42 0.0 16.0 24.0#
71 34.7 30.6 45.8





#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.680 min Scan# 55

Delta R.T. 0.069 min

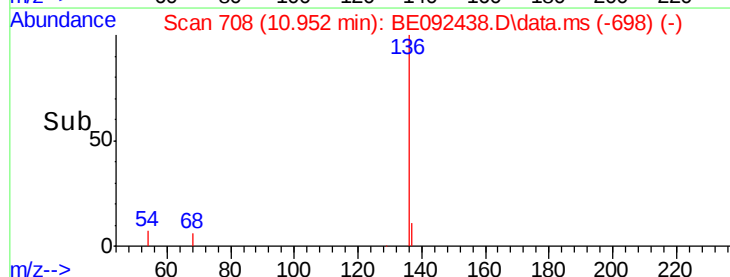
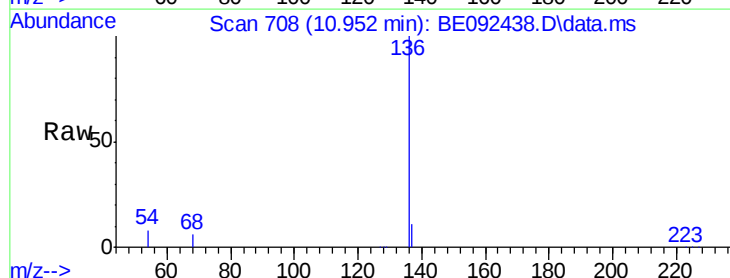
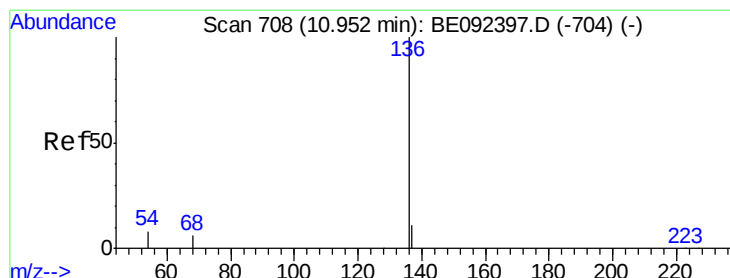
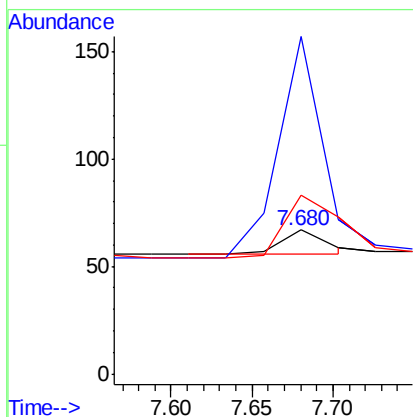
Lab File: BE092438.D

Acq: 30 Sep 2016 17:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 93 Resp: 21

Ion	Ratio	Lower	Upper
93	100		
63	933.3	71.6	107.4#
95	323.8	24.0	36.0#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.952 min Scan# 708

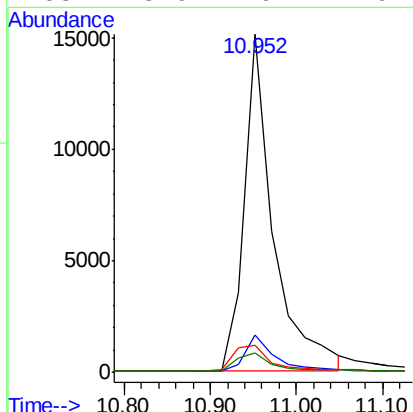
Delta R.T. -0.000 min

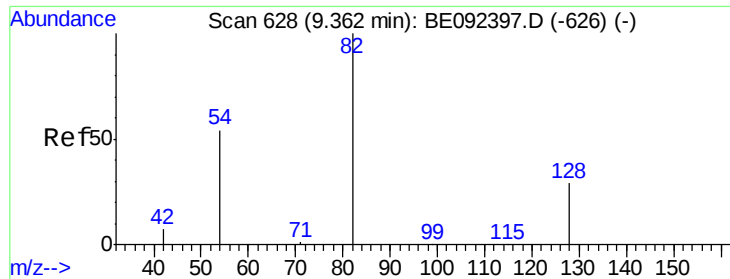
Lab File: BE092438.D

Acq: 30 Sep 2016 17:13

Tgt Ion: 136 Resp: 35541

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	7.8	9.6	14.4#
68	5.9	6.7	10.1#

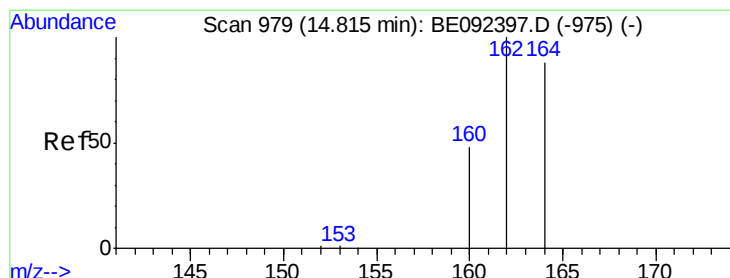
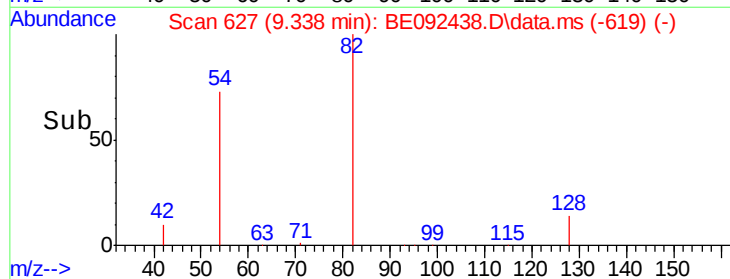
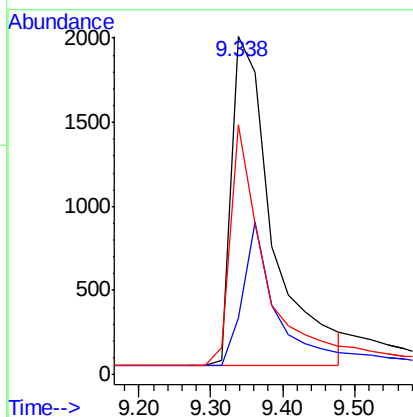
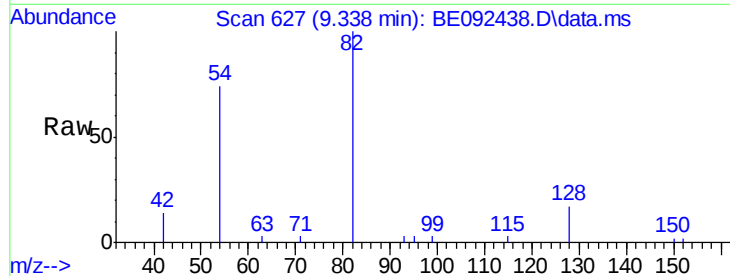




#8
 Nitrobenzene-d5
 Concen: 3.10 ng
 RT: 9.338 min Scan# 62
 Delta R.T. -0.024 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

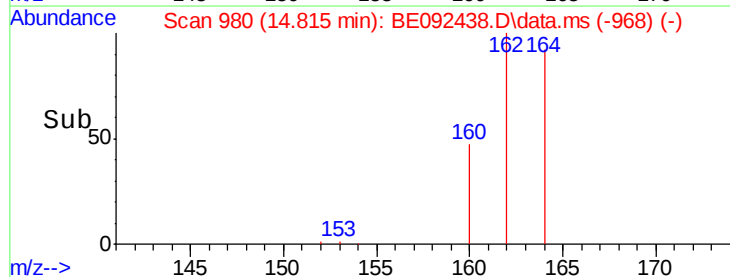
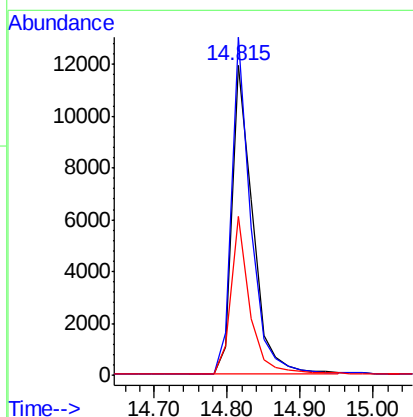
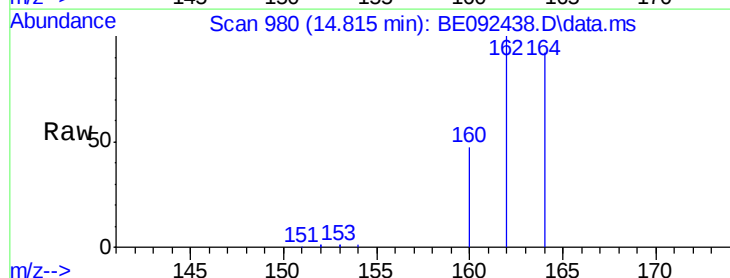
Instrument :
 BNA_E
 ClientSampleId :

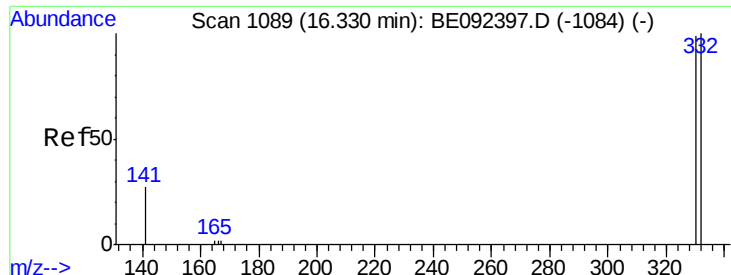
Tot Ion	82	Resp	7784
Ion Ratio	100	Lower	Upper
128	16.6	39.0	58.4#
54	73.9	44.8	67.2#



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.815 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

Tgt Ion	164	Resp	23116
Ion Ratio	100	Lower	Upper
162	109.2	71.4	107.0#
160	51.4	27.4	41.2#

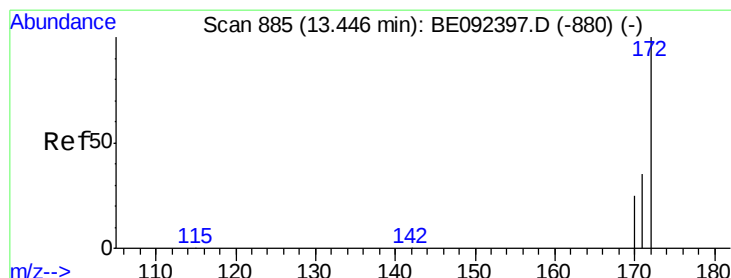
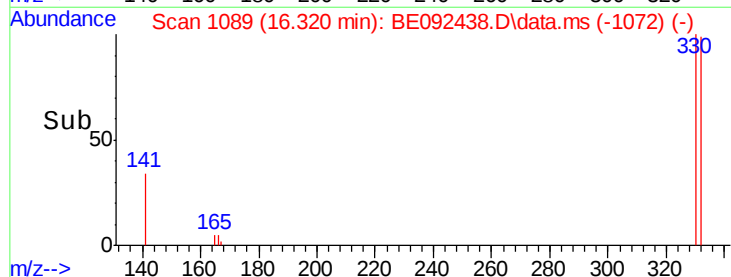
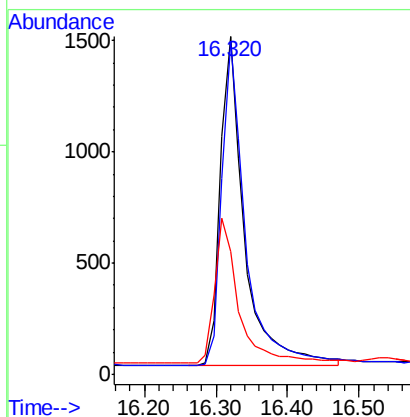
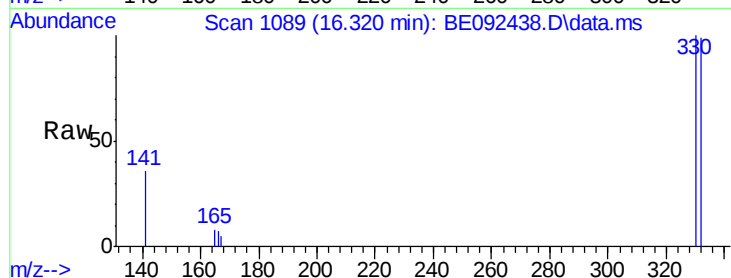




#13
 2,4,6-Tribromophenol
 Concen: 4.26 ng
 RT: 16.320 min Scan# 1089
 Delta R.T. 0.002 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

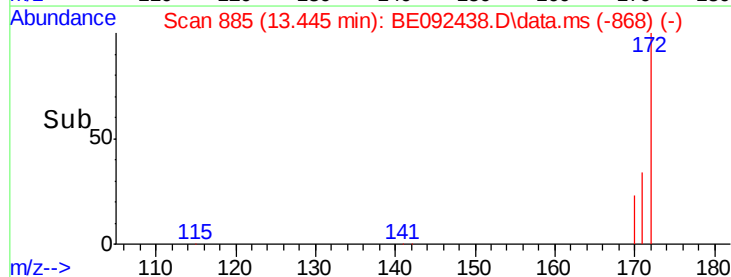
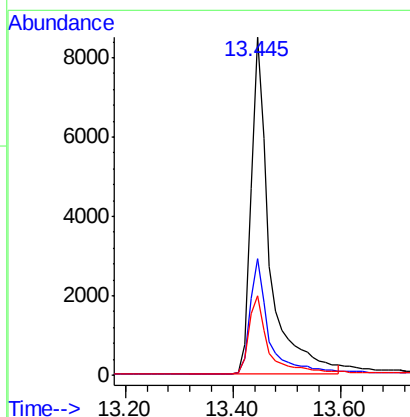
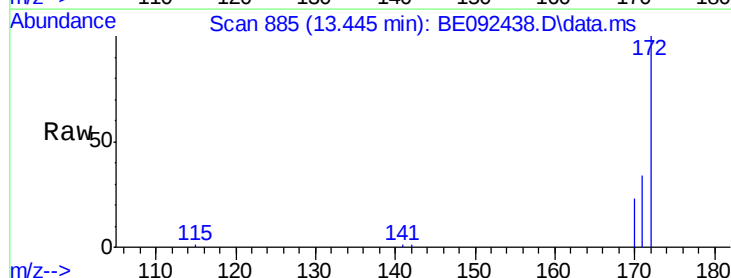
Instrument :
 BNA_E
 ClientSampleId :

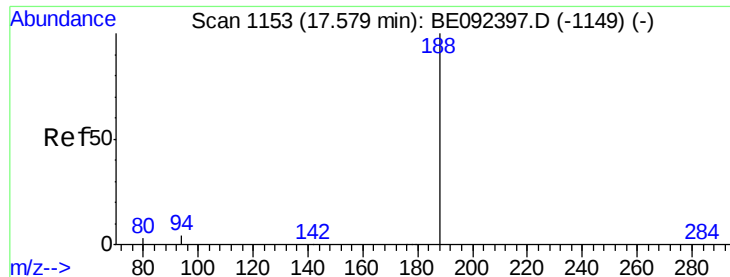
Tot Ion:330 Resp: 3428
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 44.1 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.72 ng
 RT: 13.445 min Scan# 885
 Delta R.T. -0.000 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

Tgt Ion:172 Resp: 20361
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.1 45.1
 170 23.4 21.8 32.6

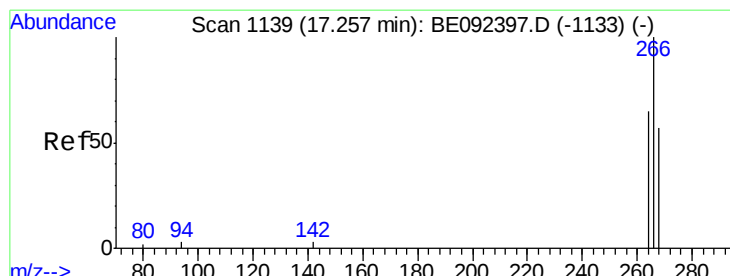
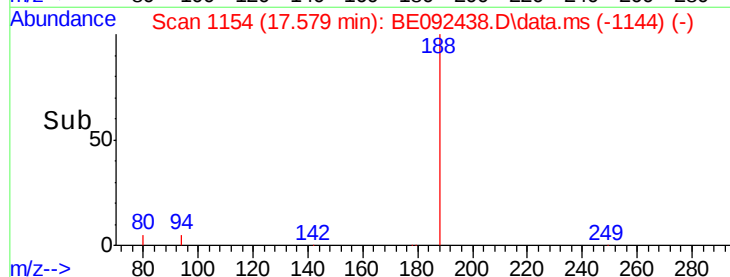
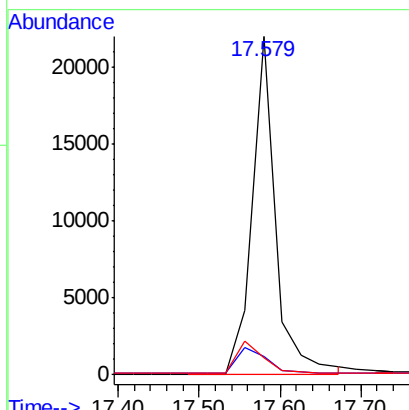
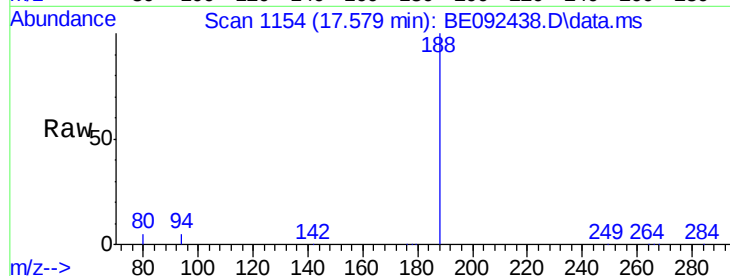




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.579 min Scan# 1153
Delta R.T. 0.023 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

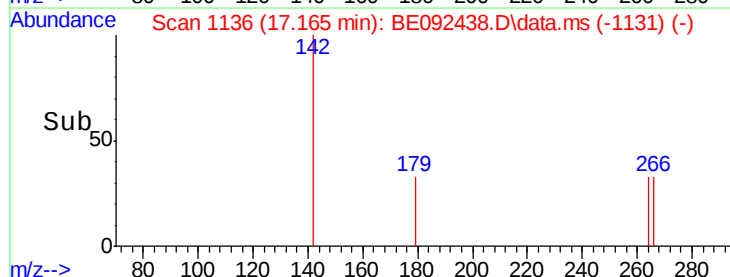
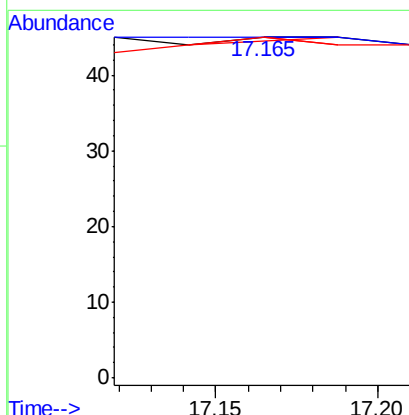
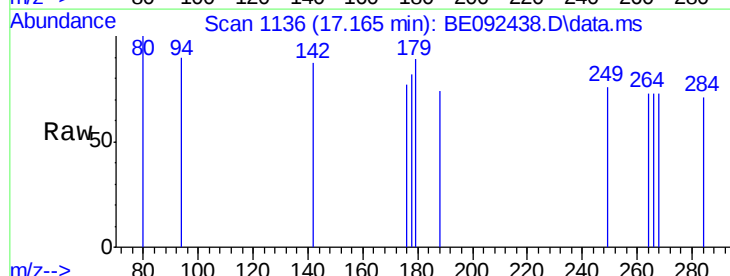
Instrument :
BNA_E
ClientSampleId :

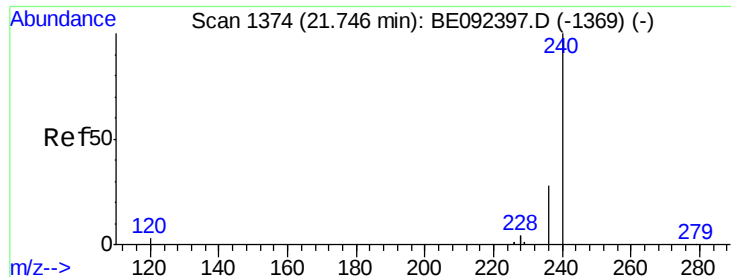
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	3.2	4.8#
80	4.9	2.6	3.8#



#20
Pentachlorophenol
Concen: 0.18 ng
RT: 17.165 min Scan# 1136
Delta R.T. -0.092 min
Lab File: BE092438.D
Acq: 30 Sep 2016 17:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	100.0	62.5	93.7#
264	100.0	57.2	85.8#

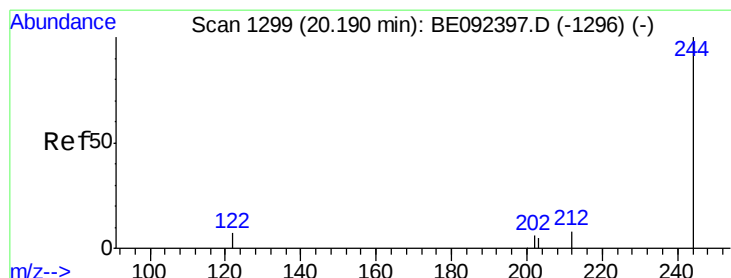
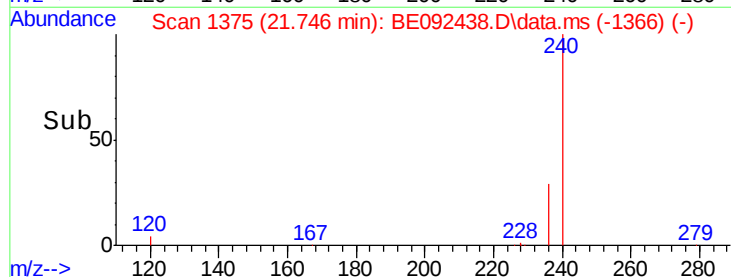
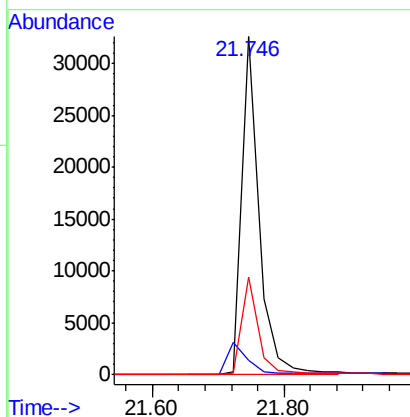
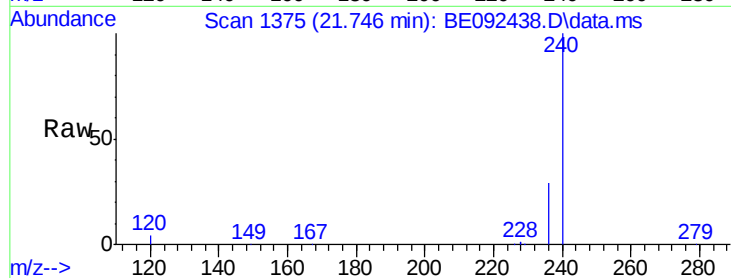




#24
 Chrvsene-d12
 Concen: 5.00 ng
 RT: 21.746 min Scan# 1374
 Delta R.T. -0.000 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

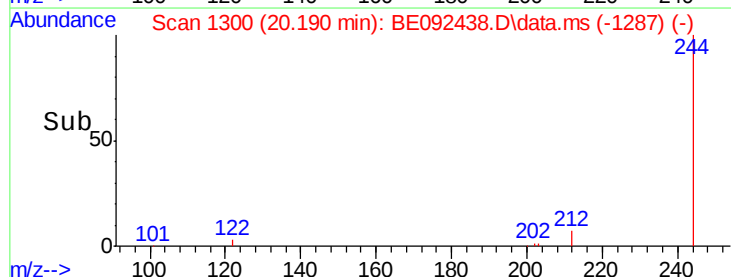
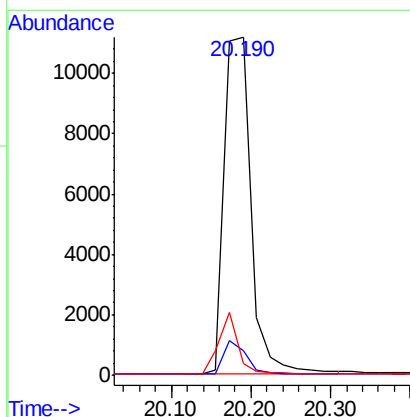
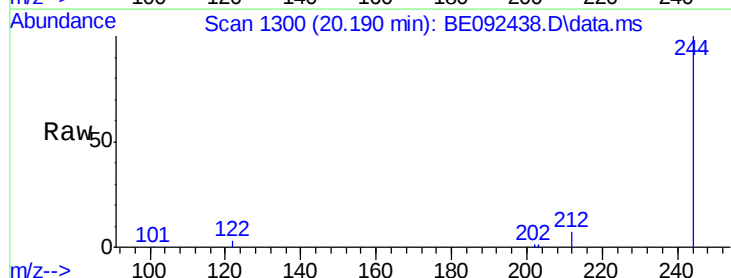
Instrument :
 BNA_E
 ClientSampleId :

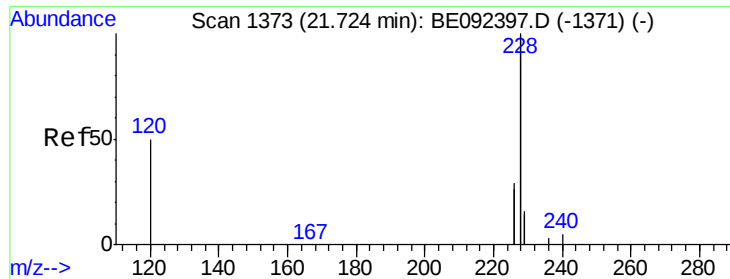
Tot Ion:240 Resp: 58243
 Ion Ratio Lower Upper
 240 100
 120 4.4 2.6 4.0#
 236 29.0 24.6 37.0



#26
 Terphenyl-d14
 Concen: 3.61 ng
 RT: 20.190 min Scan# 1300
 Delta R.T. 0.017 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

Tgt Ion:244 Resp: 26074
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.7 10.1
 122 3.5 3.6 5.4#





#27

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.746 min Scan# 1375

Delta R.T. 0.022 min

Lab File: BE092438.D

Acq: 30 Sep 2016 17:13

Instrument :

BNA_E

ClientSampleId :

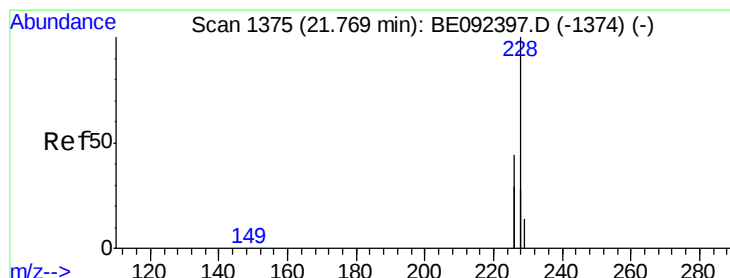
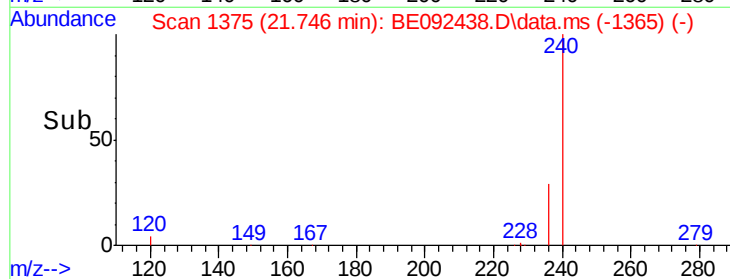
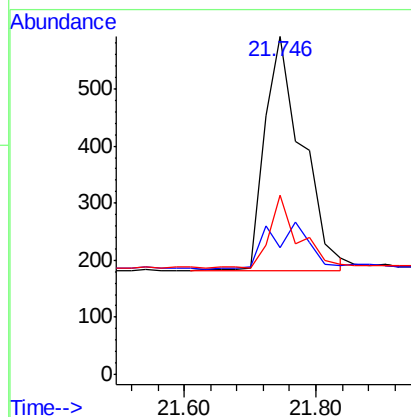
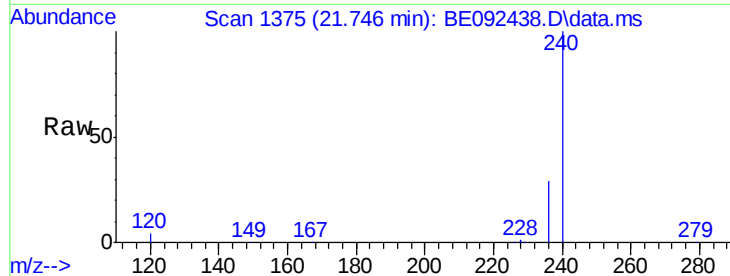
Tot Ion:228 Resp: 1625

Ion Ratio Lower Upper

228 100

226 37.5 23.6 35.4#

229 53.0 13.3 19.9#



#28

Chrysene

Concen: 0.03 ng

RT: 21.746 min Scan# 1375

Delta R.T. -0.022 min

Lab File: BE092438.D

Acq: 30 Sep 2016 17:13

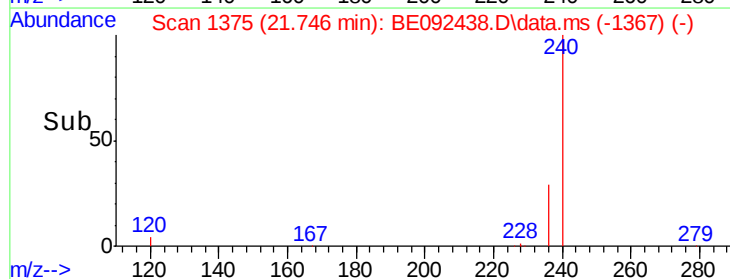
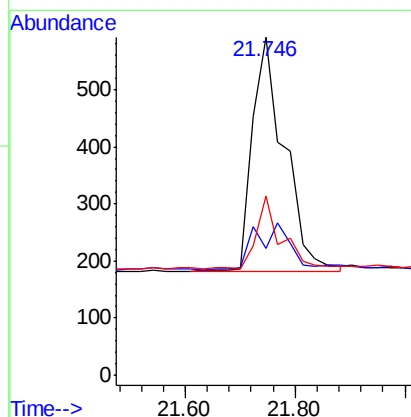
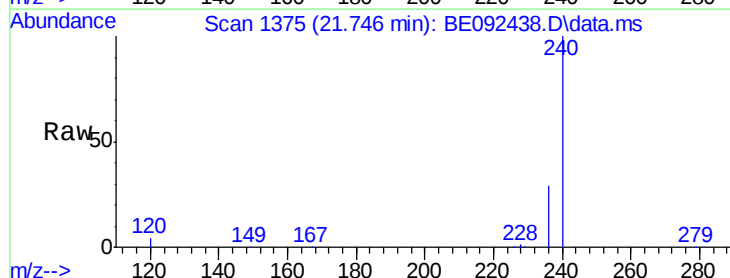
Tgt Ion:228 Resp: 1649

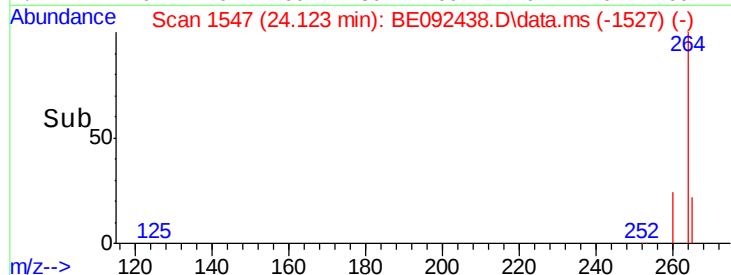
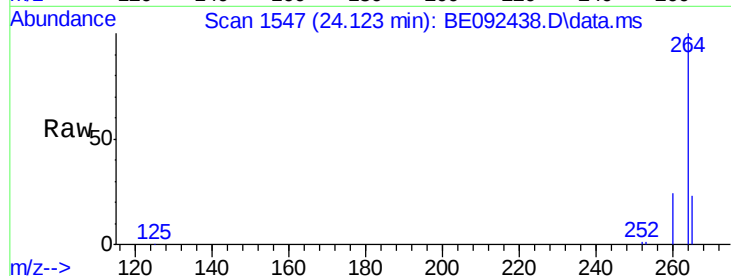
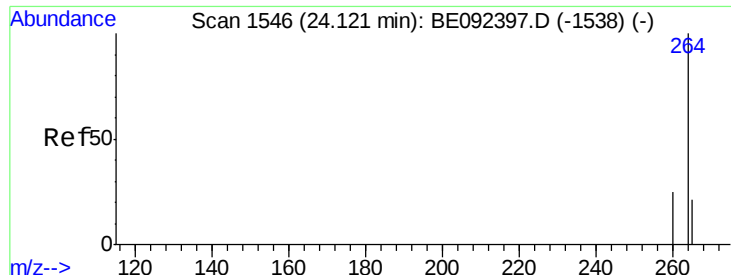
Ion Ratio Lower Upper

228 100

226 37.5 36.3 54.5

229 53.0 10.6 16.0#





#31
 Pervlene-d12
 Concen: 5.00 ng
 RT: 24.123 min Scan# 15
 Delta R.T. 0.036 min
 Lab File: BE092438.D
 Acq: 30 Sep 2016 17:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	56716
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.1	30.1
265	22.7	17.9	26.9

