

Data Path : Z:\HPCHEM1\BNA E\Data\Be102116\
 Data File : BE092465.D
 Acq On : 21 Oct 2016 13:54
 Operator : UM/SJ
 Sample : H5340-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 21 16:55:37 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

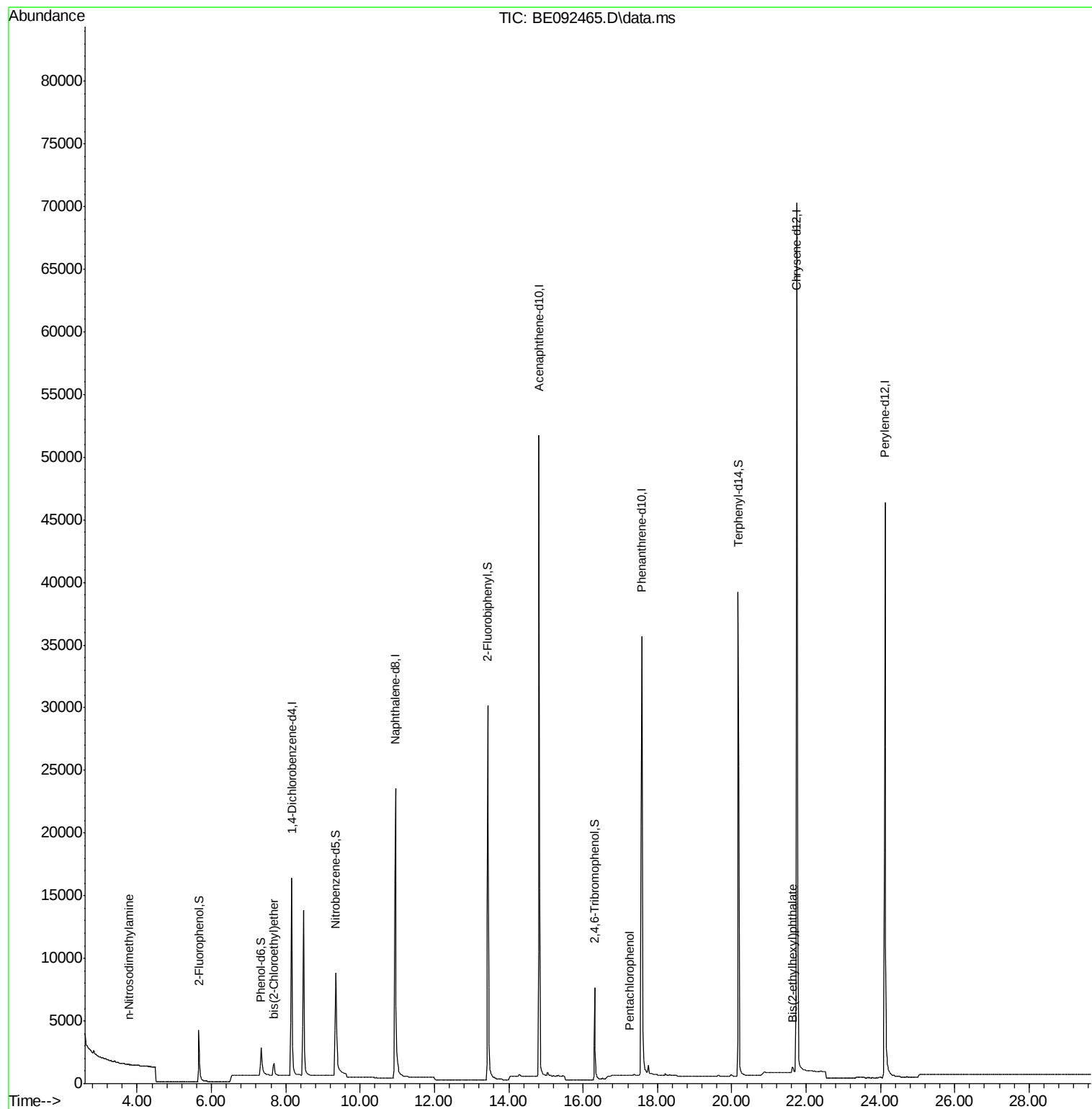
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.165	152	9778	5.00	ng	-0.02
7) Naphthalene-d8	10.952	136	44327	5.00	ng	0.00
12) Acenaphthene-d10	14.815	164	32879	5.00	ng	0.00
18) Phenanthrene-d10	17.579	188	66765	5.00	ng	0.02
24) Chrysene-d12	21.745	240	88469	5.00	ng	0.00
31) Perylene-d12	24.122	264	74409	5.00	ng	0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.665	112	4341	1.97	ng	-0.02
5) Phenol-d6	7.336	99	4069	1.31	ng	-0.02
8) Nitrobenzene-d5	9.340	82	12397	3.92	ng	-0.02
13) 2,4,6-Tribromophenol	16.308	330	5964	5.18	ng	0.00
14) 2-Fluorobiphenyl	13.433	172	35912	4.61	ng	-0.01
26) Terphenyl-d14	20.172	244	58142	5.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	99	Below Cal	#	35
3) n-Nitrosodimethylamine	3.781	42	2	0.19 ng	#	2
6) bis(2-Chloroethyl)ether	7.682	93	15	0.10 ng	#	1
20) Pentachlorophenol	17.256	266	4	0.18 ng	#	73
29) Bis(2-ethylhexyl)phtha...	21.632	149	801	0.11 ng	#	56

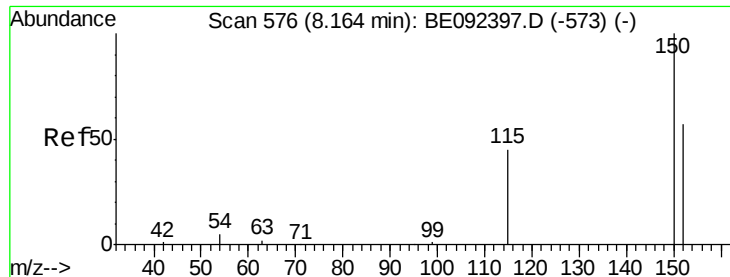
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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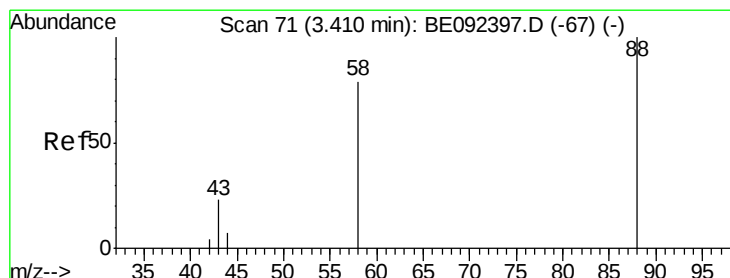
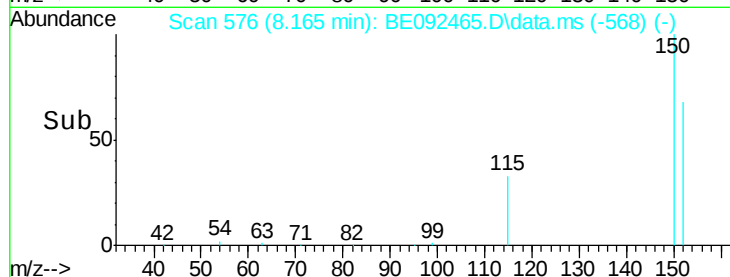
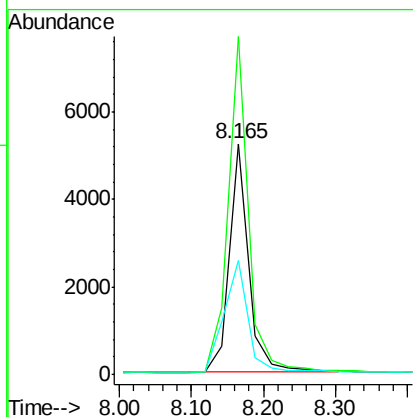
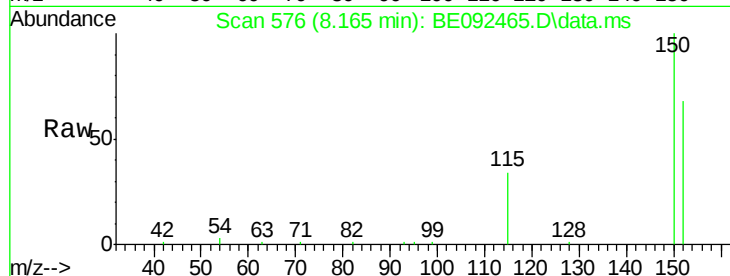




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.165 min Scan# 57
 Delta R.T. -0.022 min
 Lab File: BE092465.D
 Acq: 21 Oct 2016 13:54

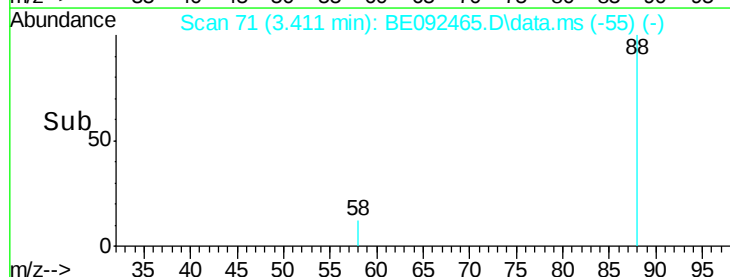
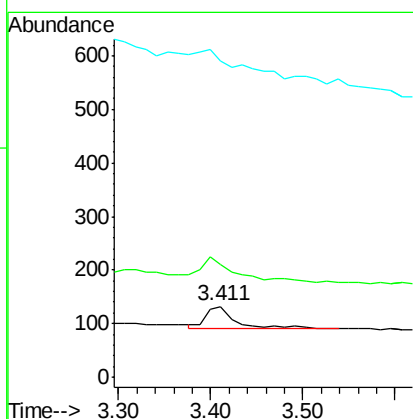
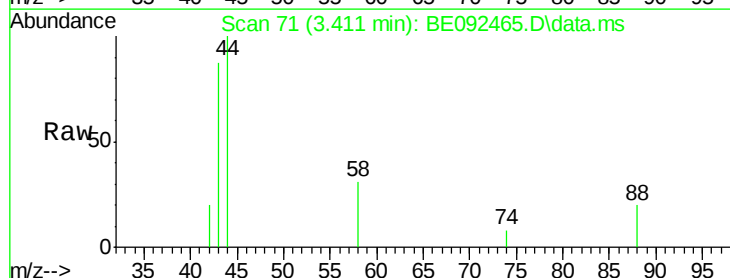
Instrument :
 BNA_E
 ClientSampleId :

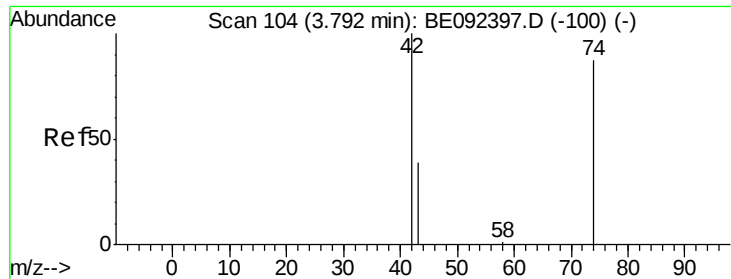
Tot Ion:152 Resp: 9778
 Ion Ratio Lower Upper
 152 100
 150 146.5 106.0 159.0
 115 49.6 31.2 46.8#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.411 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: BE092465.D
 Acq: 21 Oct 2016 13:54

Tgt Ion: 88 Resp: 99
 Ion Ratio Lower Upper
 88 100
 58 138.4 63.6 95.4#
 43 0.0 28.0 42.0#





#3

n-Nitrosodimethylamine

Concen: 0.19 ng

RT: 3.781 min Scan# 10

Delta R.T. -0.021 min

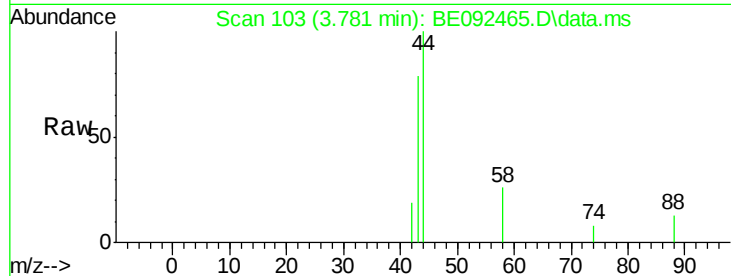
Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

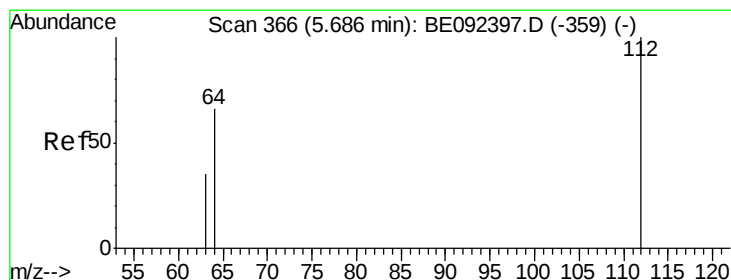
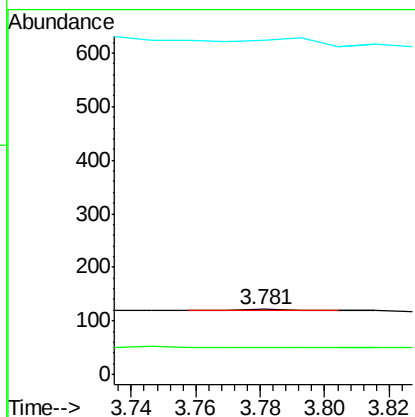
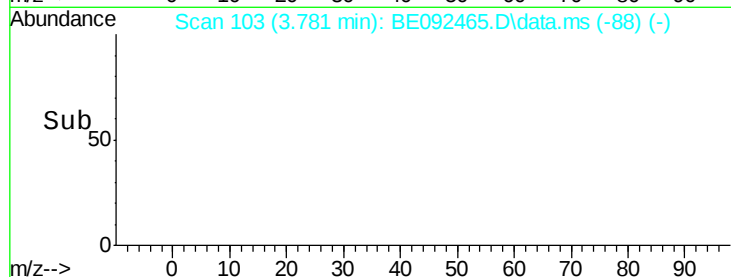
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	42	Resp:	2
Ion	Ratio	Lower	Upper
42	100		
74	0.0	86.0	129.0#
44	0.0	5.1	7.7#



#4

2-Fluorophenol

Concen: 1.97 ng

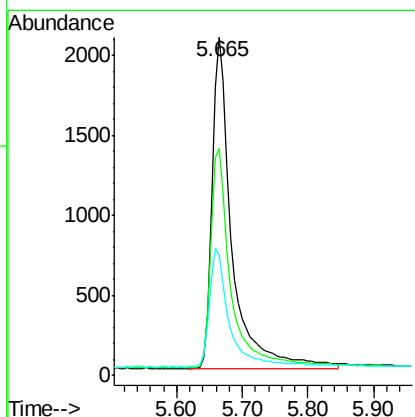
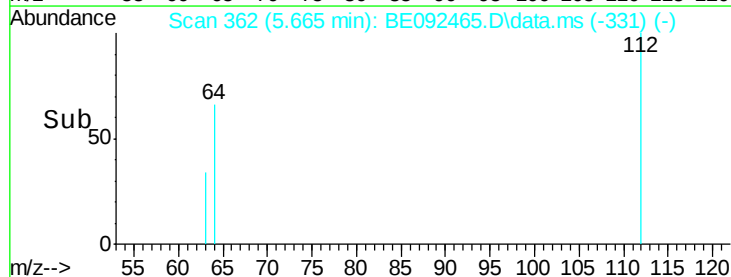
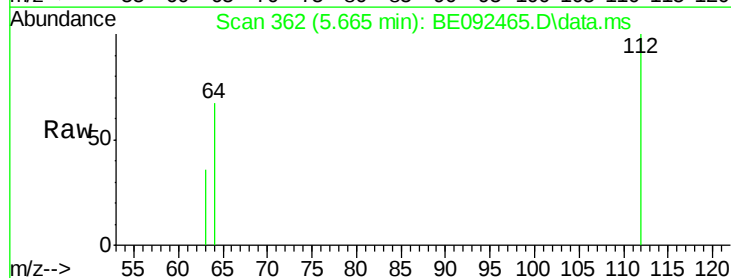
RT: 5.665 min Scan# 362

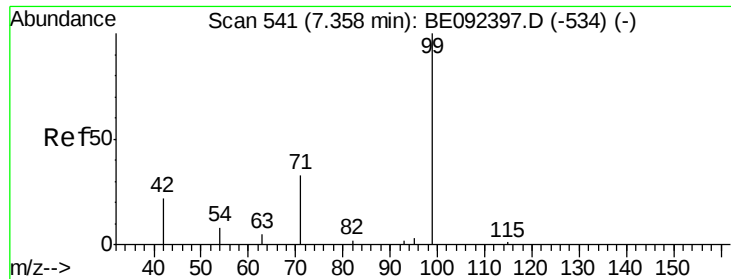
Delta R.T. -0.021 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Tgt Ion:	112	Resp:	4341
Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.5	80.3
63	36.3	27.9	41.9





#5

Phenol-d6

Concen: 1.31 ng

RT: 7.336 min Scan# 541

Delta R.T. -0.022 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Instrument :

BNA_E

ClientSampled :

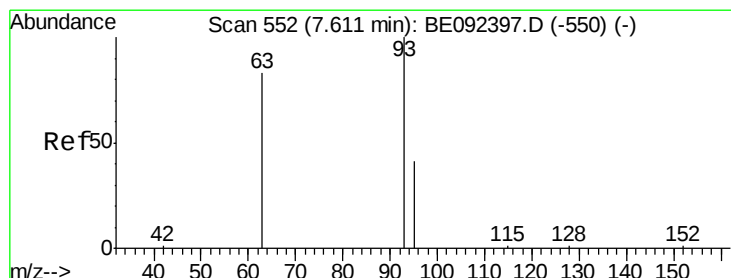
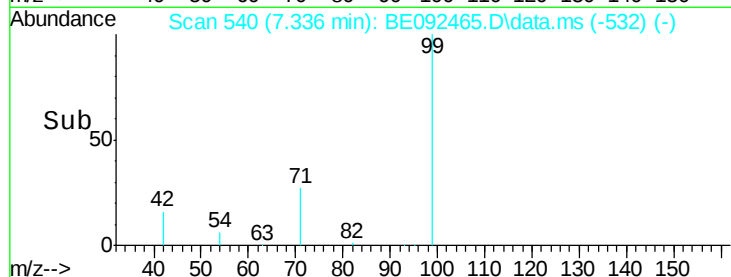
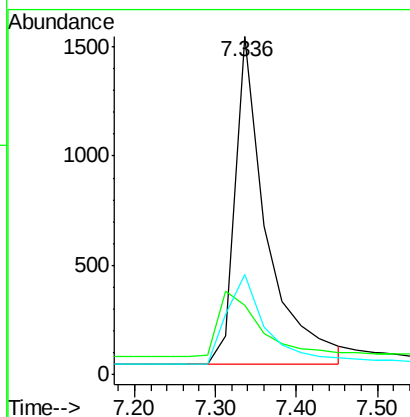
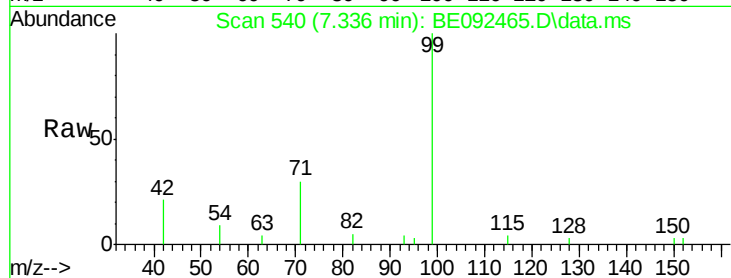
Tot Ion: 99 Resp: 4069

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

71 34.8 30.6 45.8



#6

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 7.682 min Scan# 555

Delta R.T. 0.071 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

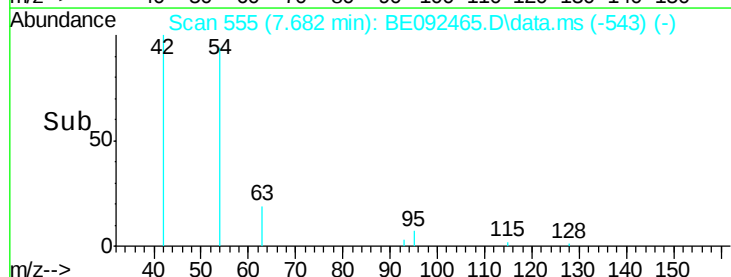
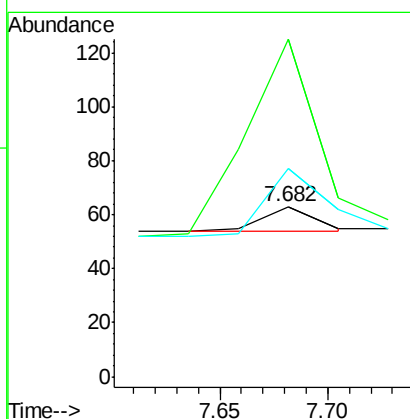
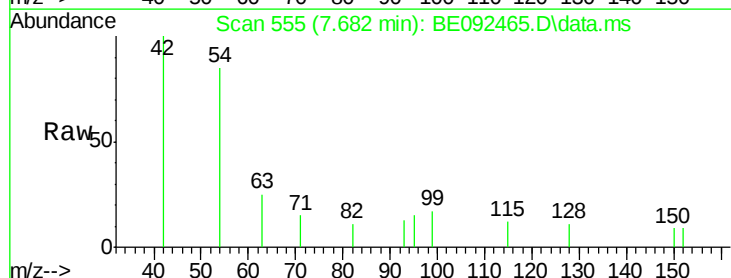
Tgt Ion: 93 Resp: 15

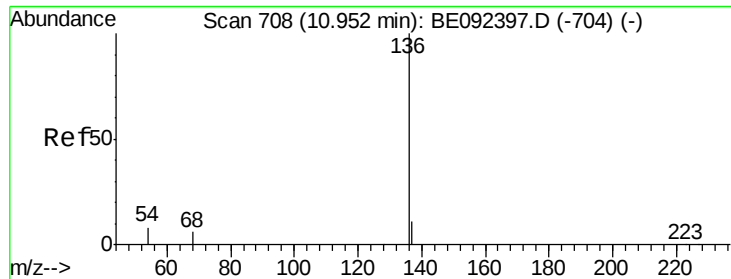
Ion Ratio Lower Upper

93 100

63 1106.7 71.6 107.4#

95 393.3 24.0 36.0#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.952 min Scan# 70

Delta R.T. -0.000 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 44327

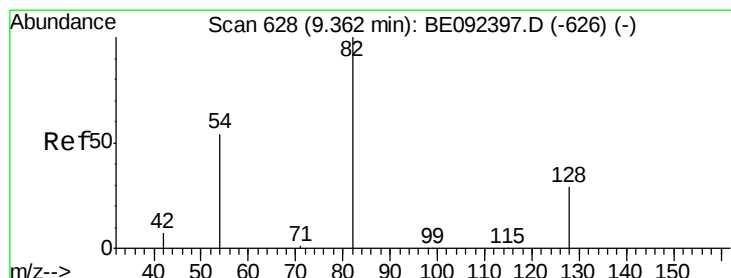
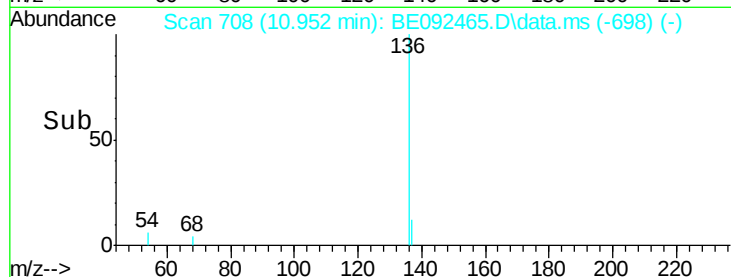
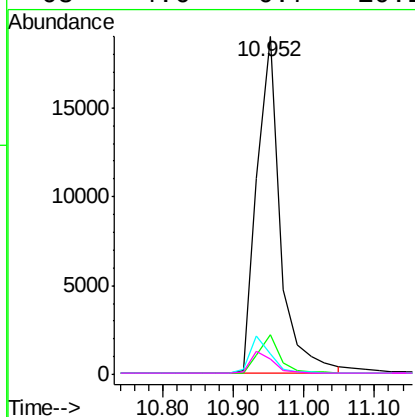
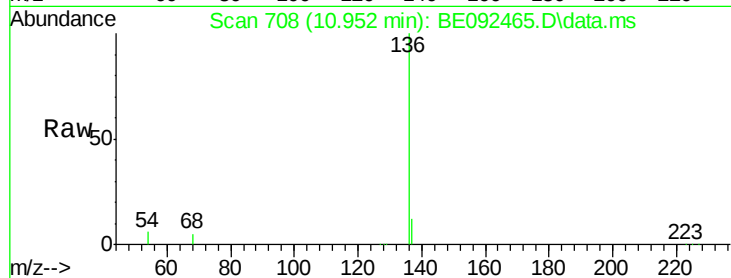
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 6.1 9.6 14.4#

68 4.6 6.7 10.1#



#8

Nitrobenzene-d5

Concen: 3.92 ng

RT: 9.340 min Scan# 627

Delta R.T. -0.022 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

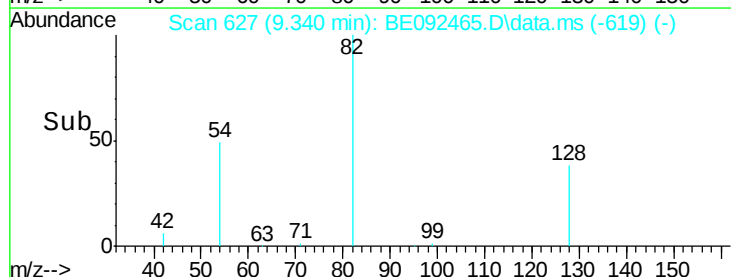
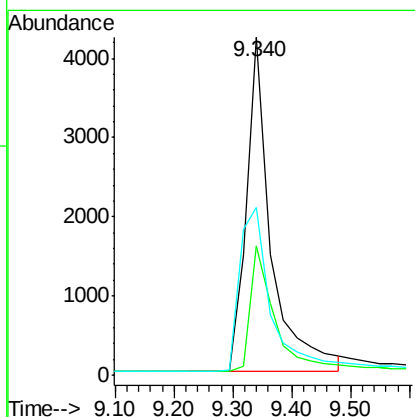
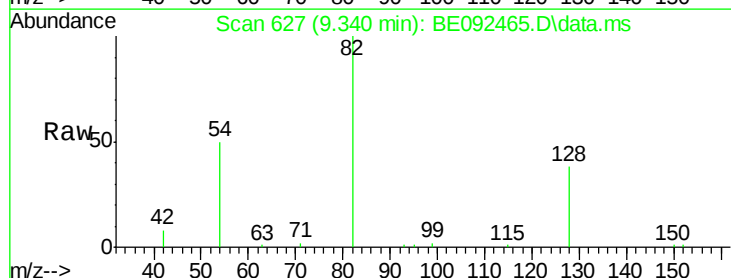
Tgt Ion: 82 Resp: 12397

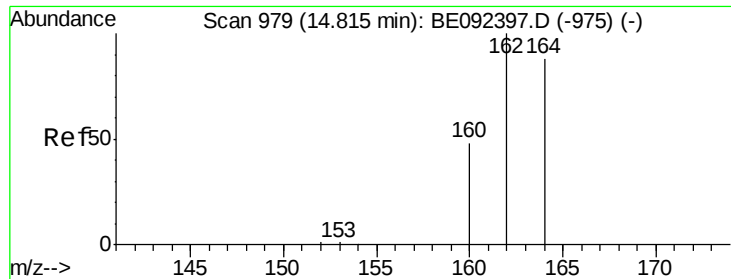
Ion Ratio Lower Upper

82 100

128 38.4 39.0 58.4#

54 49.6 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: BE092465.D

Acq: 21 Oct 2016 13:54

Instrument :

BNA_E

ClientSampleId :

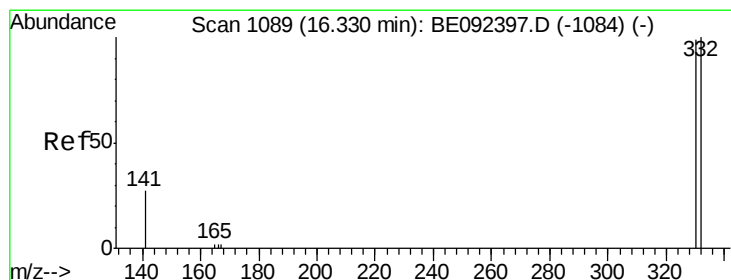
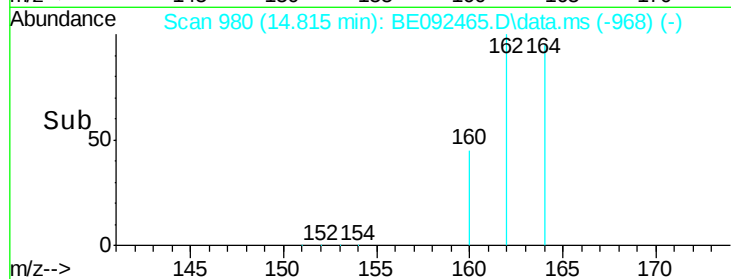
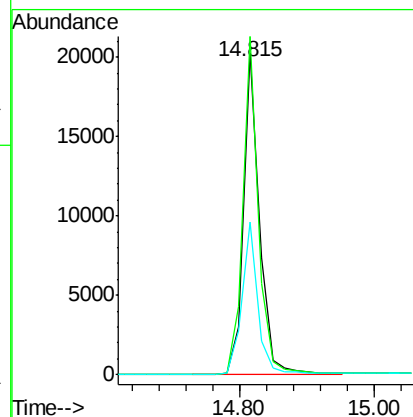
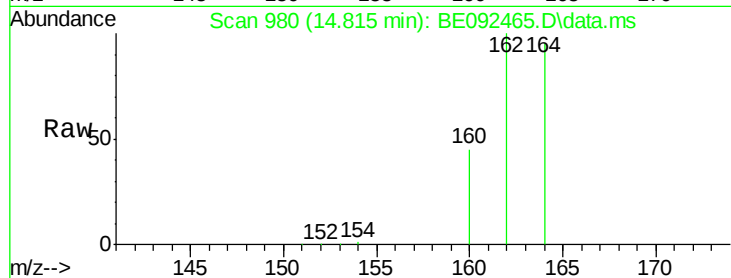
Tot Ion:164 Resp: 32879

Ion Ratio Lower Upper

164 100

162 105.1 71.4 107.0

160 47.4 27.4 41.2#



#13

2,4,6-Tribromophenol

Concen: 5.18 ng

RT: 16.308 min Scan# 1088

Delta R.T. -0.010 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

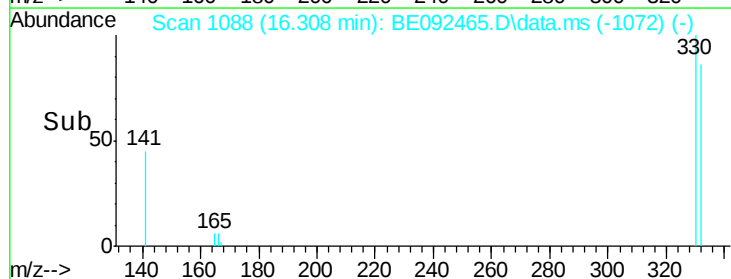
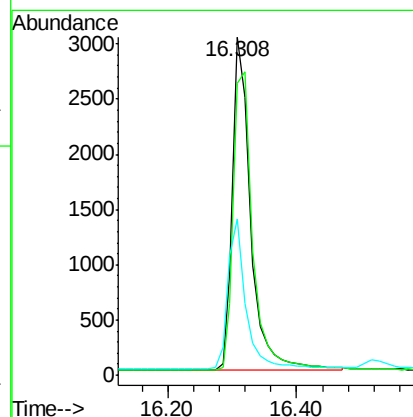
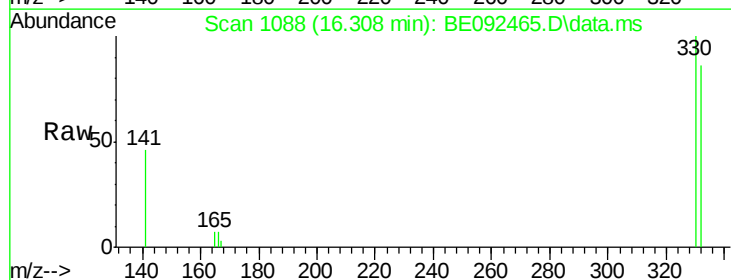
Tgt Ion:330 Resp: 5964

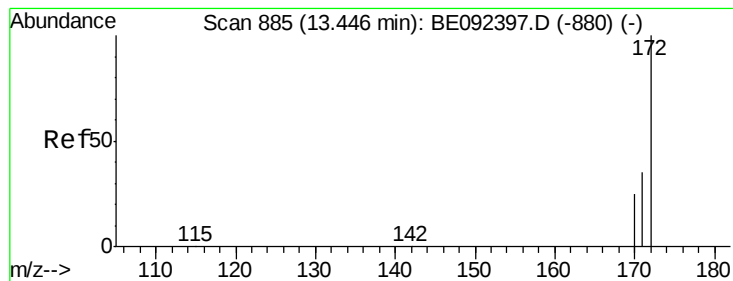
Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.0

141 45.0 31.0 46.6





#14

2-Fluorobiphenyl

Concen: 4.61 ng

RT: 13.433 min Scan# 88

Delta R.T. -0.012 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Instrument :

BNA_E

ClientSampleId :

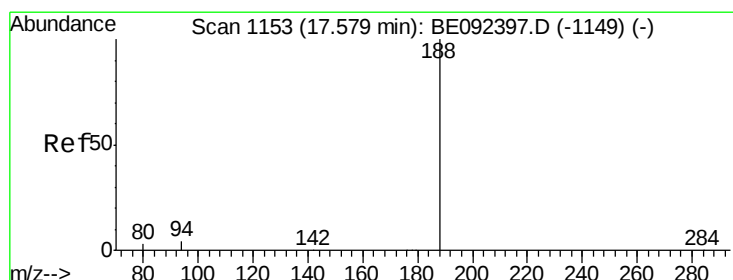
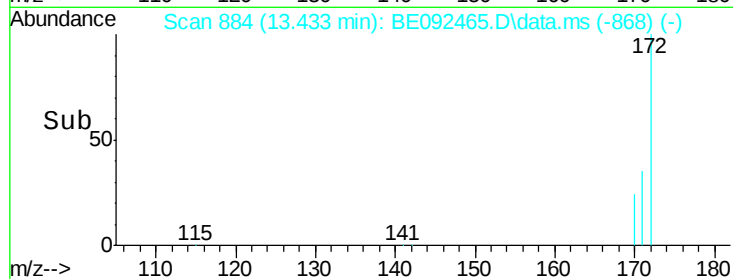
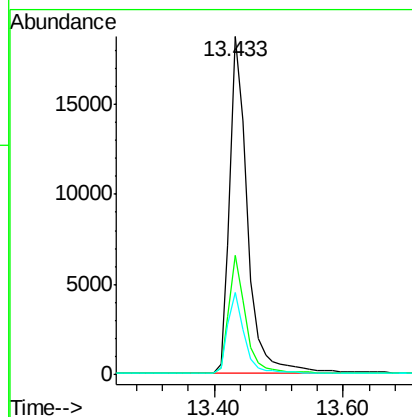
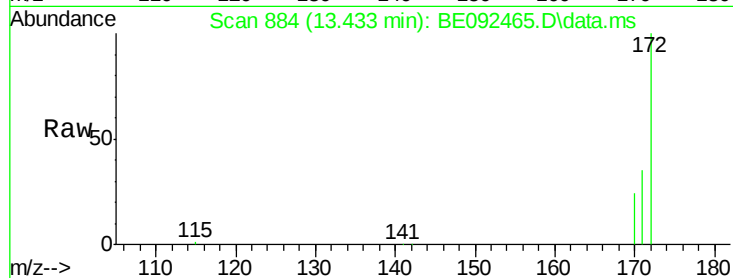
Tot Ion:172 Resp: 35912

Ion Ratio Lower Upper

172 100

171 35.1 30.1 45.1

170 24.3 21.8 32.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.579 min Scan# 1154

Delta R.T. 0.022 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

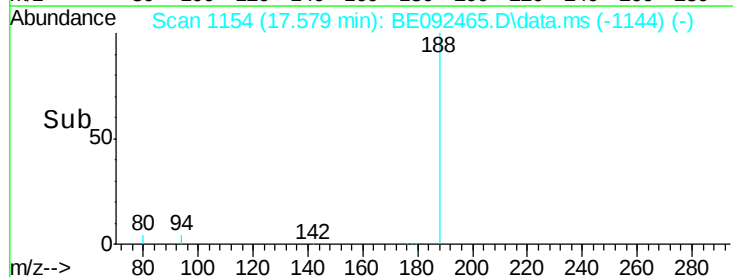
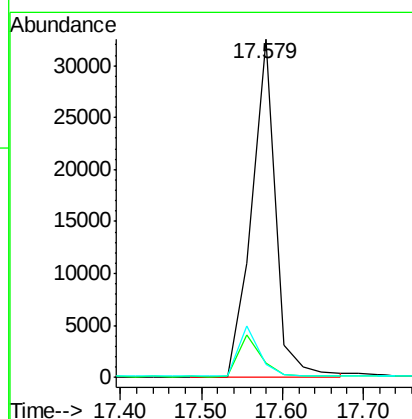
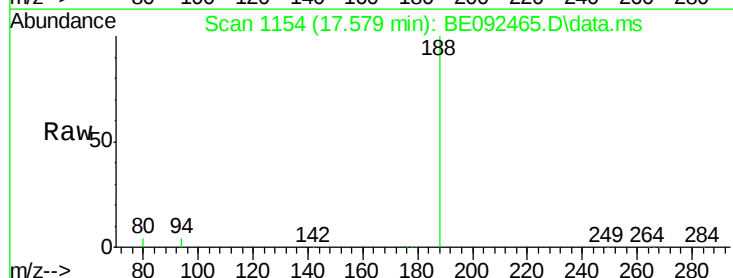
Tgt Ion:188 Resp: 66765

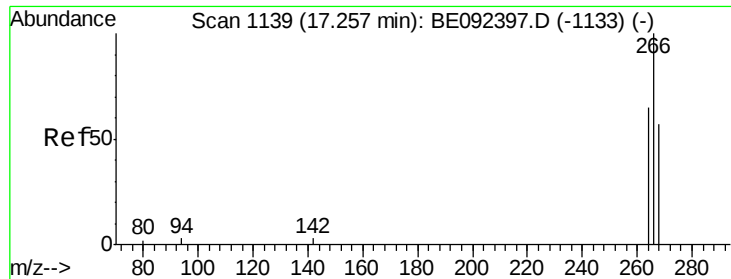
Ion Ratio Lower Upper

188 100

94 4.2 3.2 4.8

80 3.8 2.6 3.8





#20

Pentachlorophenol

Concen: 0.18 ng

RT: 17.256 min Scan# 11

Delta R.T. -0.001 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Instrument :

BNA_E

ClientSampleId :

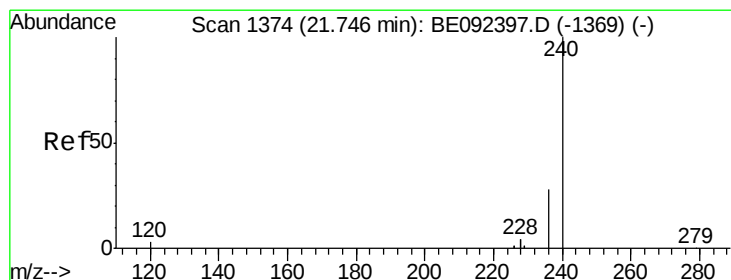
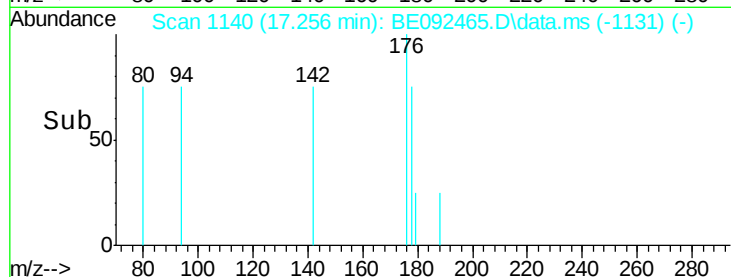
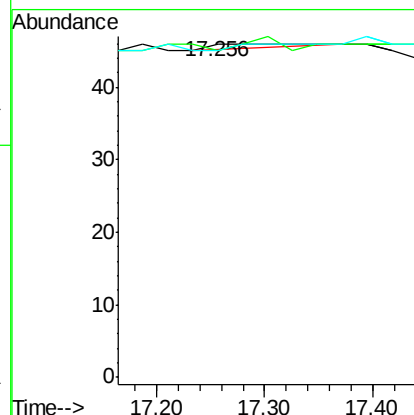
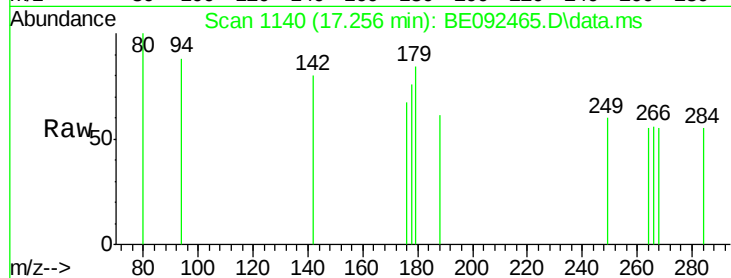
Tot Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

268 97.8 62.5 93.7#

264 97.8 57.2 85.8#



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.745 min Scan# 1375

Delta R.T. -0.001 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

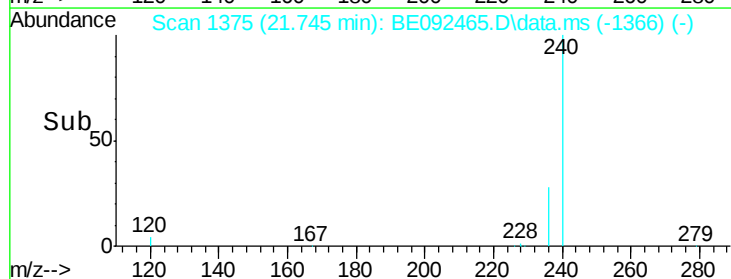
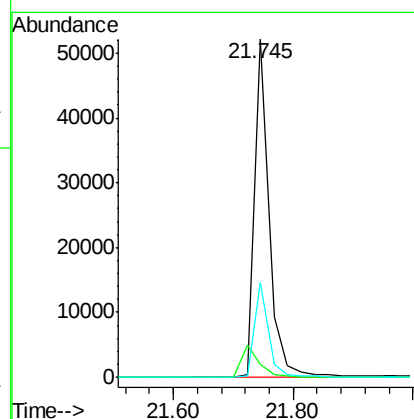
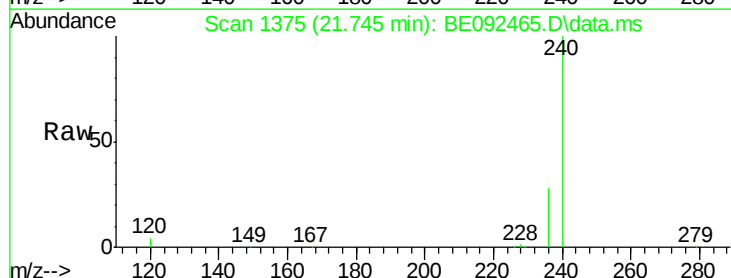
Tgt Ion:240 Resp: 88469

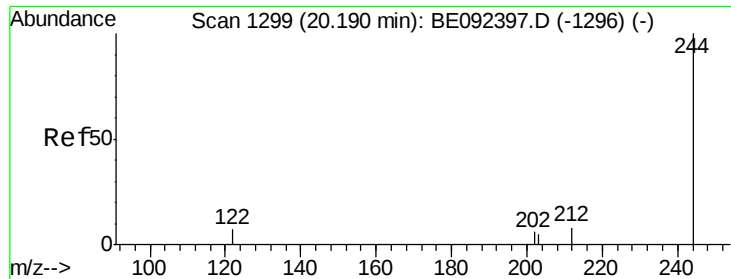
Ion Ratio Lower Upper

240 100

120 3.7 2.6 4.0

236 28.2 24.6 37.0





#26

Terphenyl-d14

Concen: 5.30 ng

RT: 20.172 min Scan# 12

Delta R.T. -0.001 min

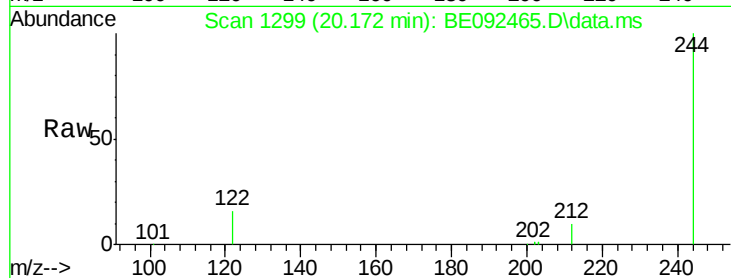
Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

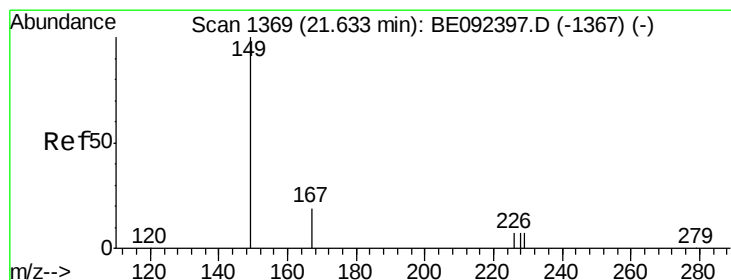
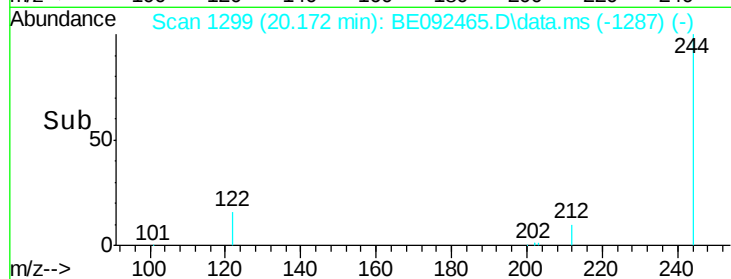
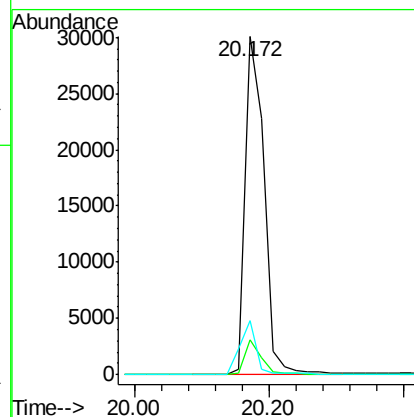
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	244	Resp:	58142
Ion Ratio	Lower	Upper	
244	100		
212	10.1	6.7	10.1#
122	16.0	3.6	5.4#



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng

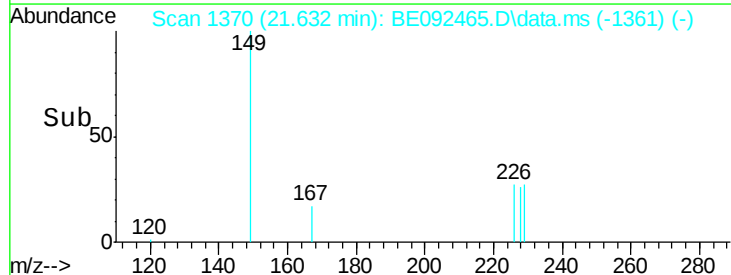
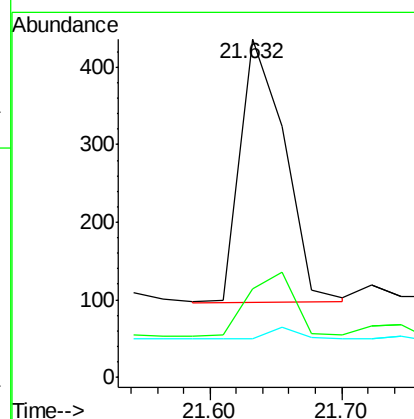
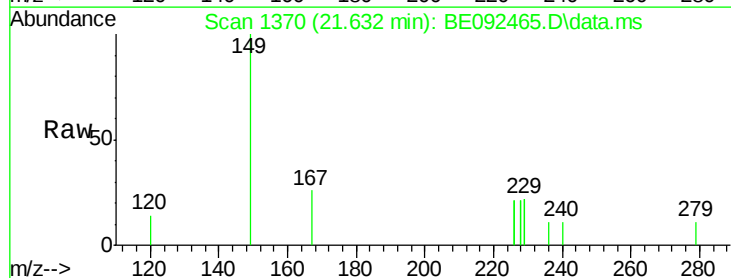
RT: 21.632 min Scan# 1370

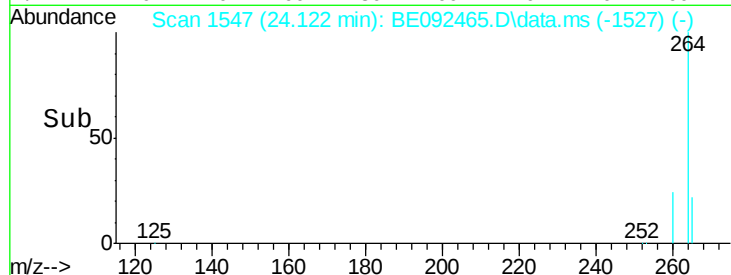
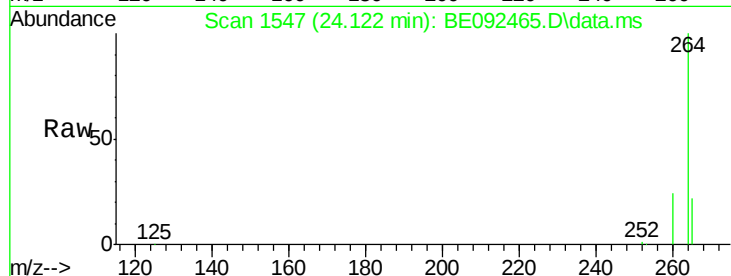
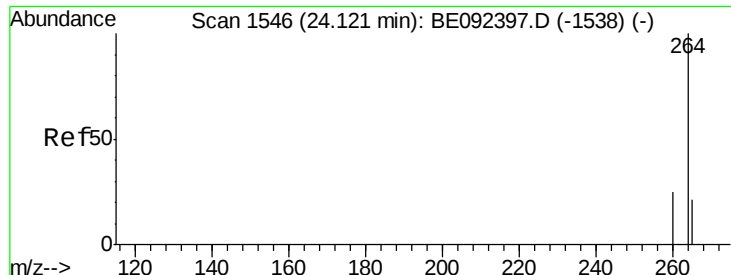
Delta R.T. -0.001 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Tgt Ion:	149	Resp:	801
Ion Ratio	Lower	Upper	
149	100		
167	0.0	16.0	24.0#
279	0.0	16.0	24.0#





#31

Pervlene-d12

Concen: 5.00 ng

RT: 24.122 min Scan# 15

Delta R.T. 0.036 min

Lab File: BE092465.D

Acq: 21 Oct 2016 13:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 74409

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 22.2 17.9 26.9

