

Data Path : Z:\HPCHEM1\BNA_E\Data\BE021017\
 Data File : BE09272.D
 Acq On : 10 Feb 2017 14:51
 Operator : SJ/MA
 Sample : PB96821BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 10 15:26:06 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

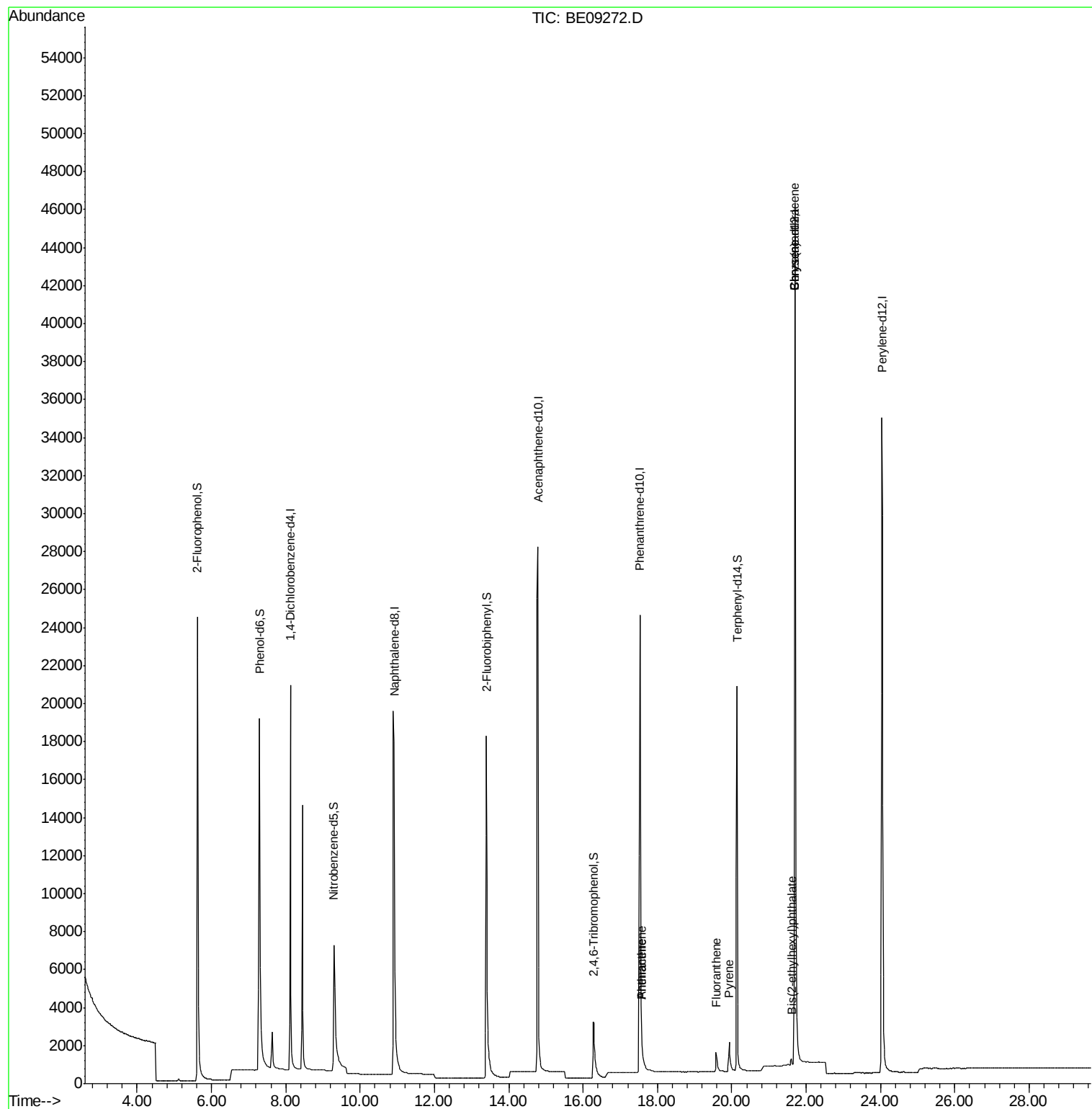
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11882	5.00	ng	-0.02
7) Naphthalene-d8	10.91	136	46447	5.00	ng	0.00
12) Acenaphthene-d10	14.78	164	26093	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	47663	5.00	ng	0.00
24) Chrysene-d12	21.70	240	59101	5.00	ng	-0.02
31) Perylene-d12	24.04	264	54992	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.62	112	22730	8.57	ng	-0.03
5) Phenol-d6	7.29	99	28451	8.75	ng	-0.04
8) Nitrobenzene-d5	9.29	82	12095	4.01	ng	-0.04
13) 2,4,6-Tribromophenol	16.27	330	4511	5.89	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	26561	4.14	ng	-0.02
26) Terphenyl-d14	20.14	244	30169	3.61	ng	-0.02
Target Compounds						
19) Hexachlorobenzene	16.66	284	114	Below Cal	#	1
21) Phenanthrene	17.58	178	614	0.06 ng	#	57
22) Anthracene	17.58	178	669	0.07 ng	#	61
23) Fluoranthene	19.58	202	2734	0.06 ng		99
25) Pyrene	19.94	202	2505	0.04 ng		97
27) Benzo(a)anthracene	21.70	228	3181	0.05 ng	#	66
28) Chrysene	21.70	228	3258	0.05 ng	#	70
29) Bis(2-ethylhexyl)phthalate	21.61	149	628	0.26 ng	#	71

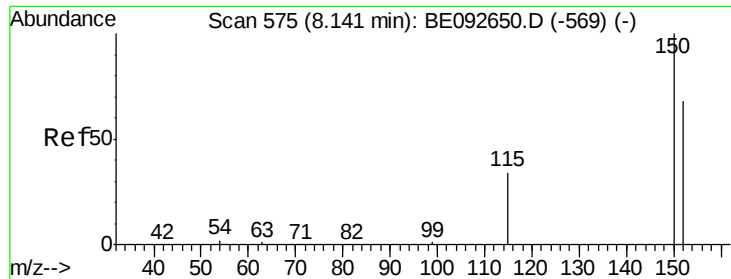
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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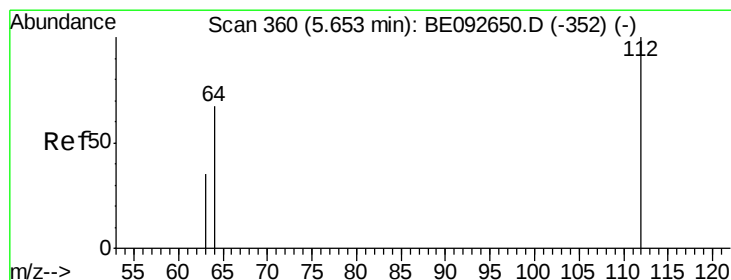
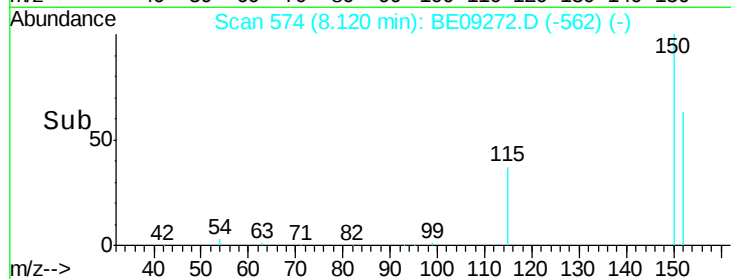
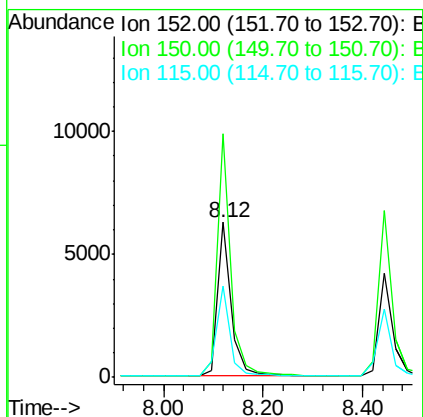
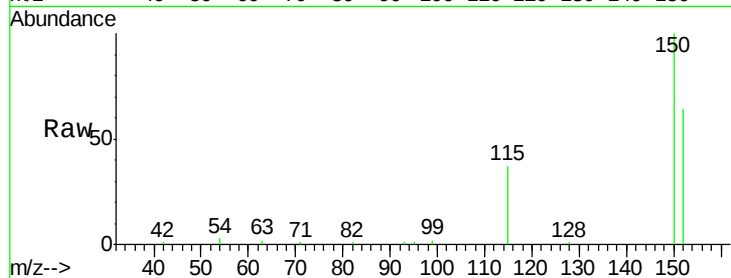


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. -0.02 min
Lab File: BE09272.D
Acq: 10 Feb 2017 14:51

Instrument :
BNA_E
ClientSampleId :

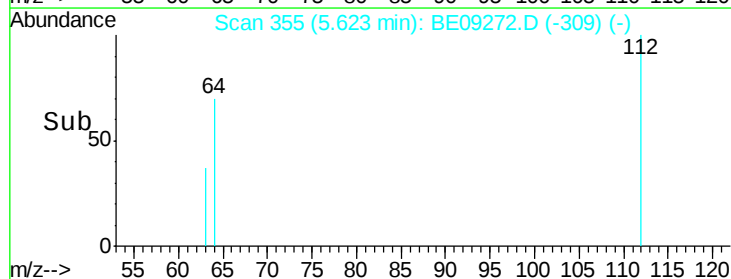
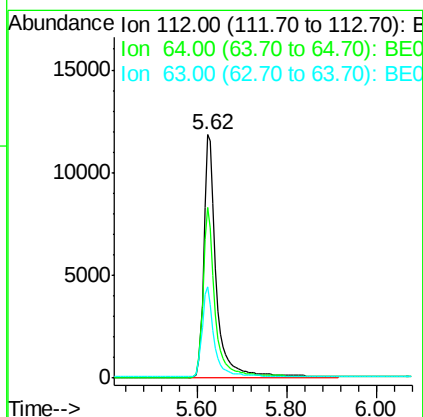
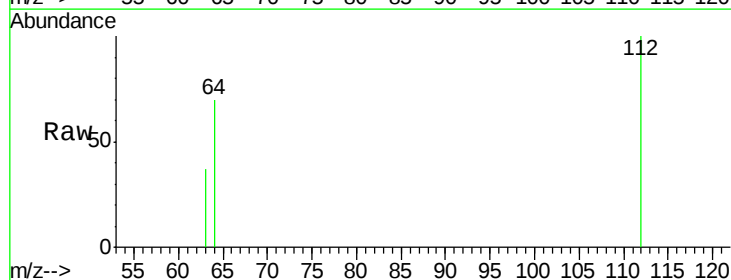
Tgt Ion:152 Resp: 11882
Ion Ratio Lower Upper
152 100
150 157.2 106.0 159.0
115 58.6 31.2 46.8#

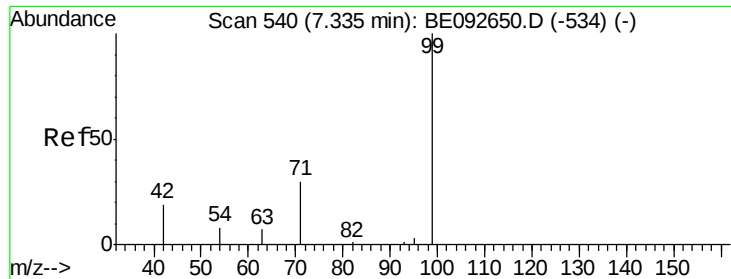


#4

2-Fluorophenol
Concen: 8.57 ng
RT: 5.62 min Scan# 355
Delta R.T. -0.03 min
Lab File: BE09272.D
Acq: 10 Feb 2017 14:51

Tgt Ion:112 Resp: 22730
Ion Ratio Lower Upper
112 100
64 68.0 53.5 80.3
63 36.4 27.9 41.9





#5

Phenol-d6

Concen: 8.75 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE09272.D

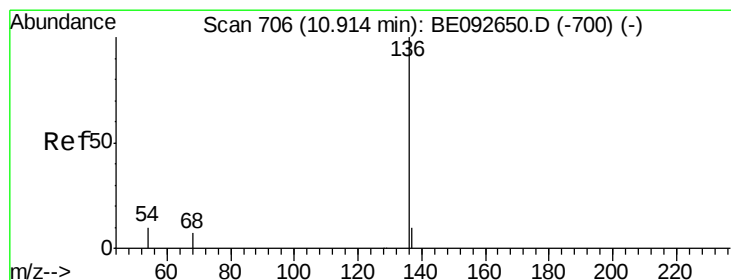
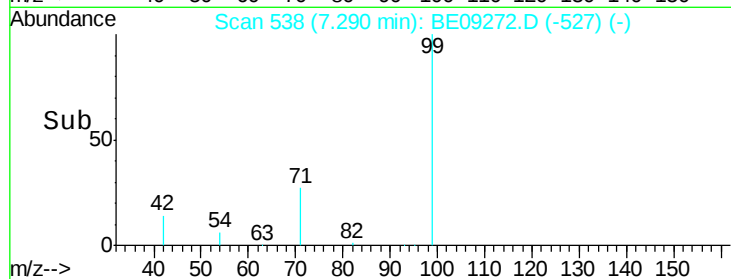
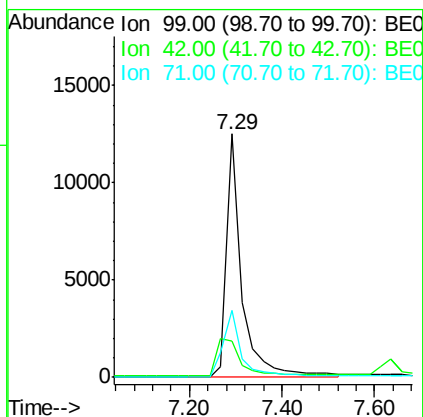
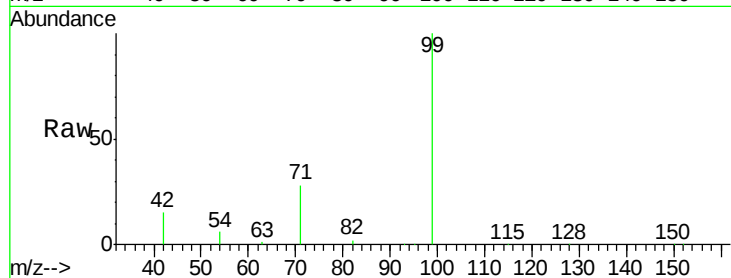
Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

Tgt Ion:	99	Resp:	28451
Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.3	30.6	45.8



#7

Naphthalene-d8

Concen: 5.00 ng

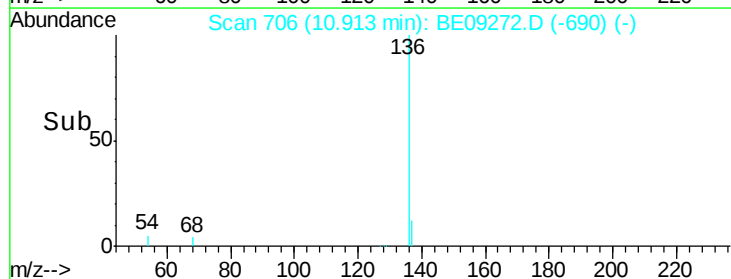
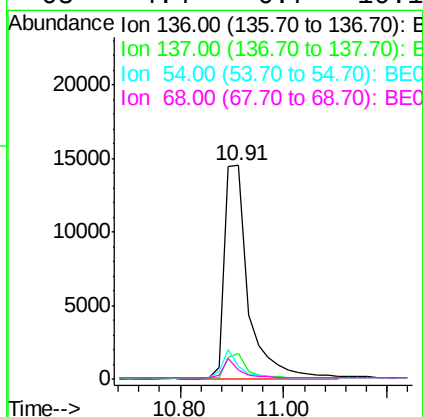
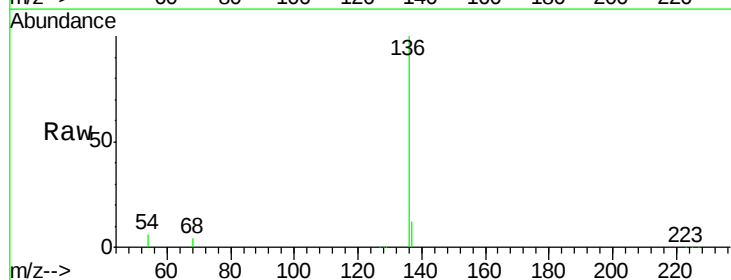
RT: 10.91 min Scan# 706

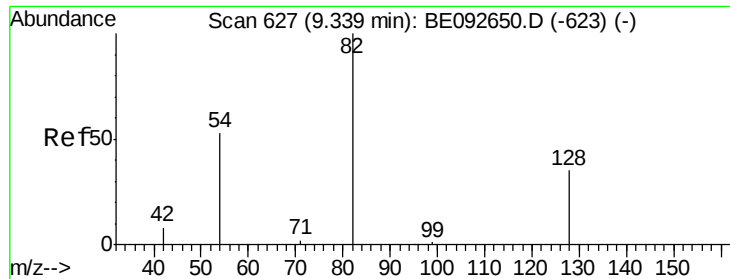
Delta R.T. -0.00 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

Tgt Ion:	136	Resp:	46447
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.2	12.4
54	5.9	9.6	14.4#
68	4.4	6.7	10.1#

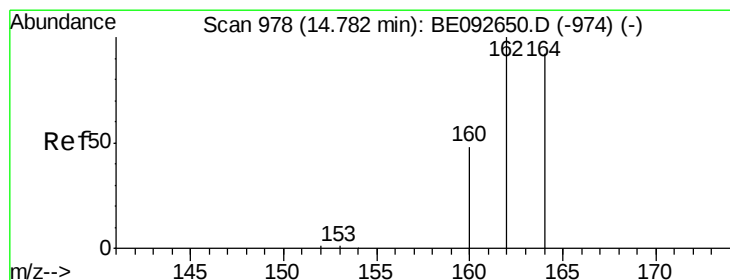
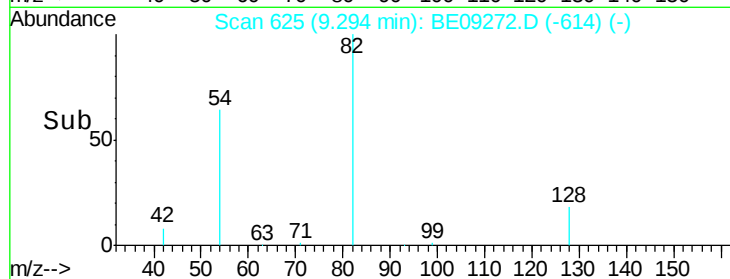
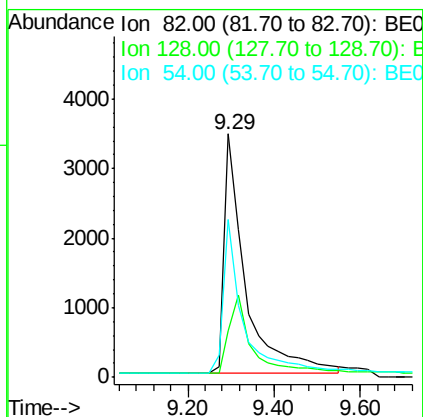
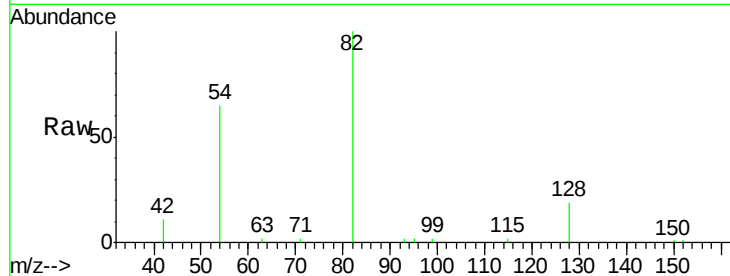




#8
 Nitrobenzene-d5
 Concen: 4.01 ng
 RT: 9.29 min Scan# 625
 Delta R.T. -0.04 min
 Lab File: BE09272.D
 Acq: 10 Feb 2017 14:51

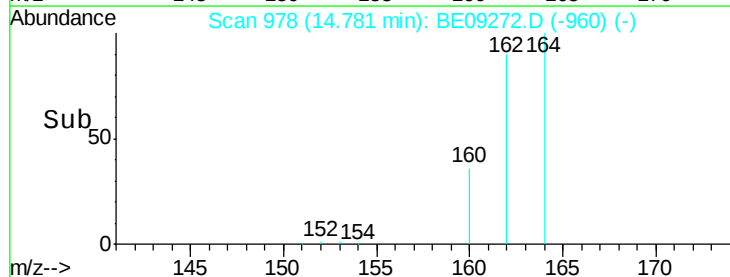
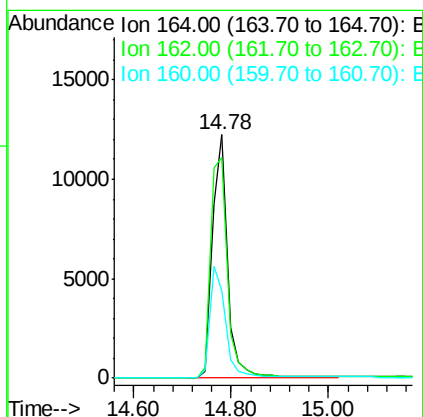
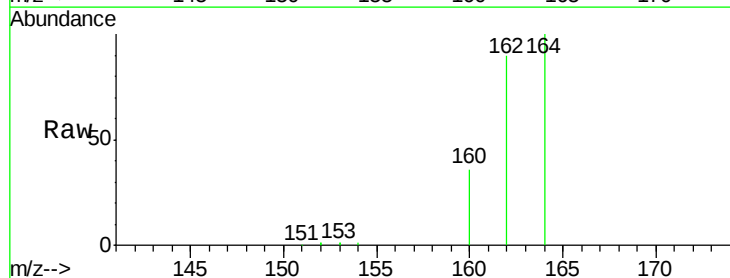
Instrument :
 BNA_E
 ClientSampleId :

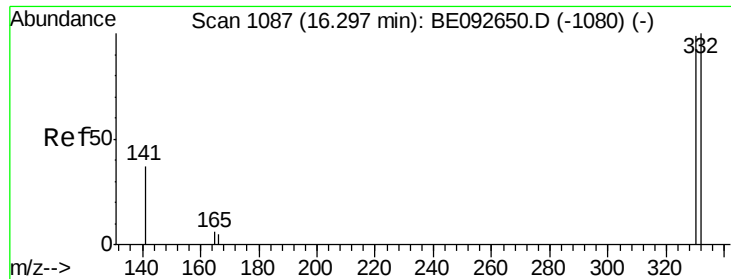
Tgt Ion	Ratio	Lower	Upper
82	100		
128	18.9	39.0	58.4#
54	64.8	44.8	67.2



#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.78 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BE09272.D
 Acq: 10 Feb 2017 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	90.3	71.4	107.0
160	35.9	27.4	41.2

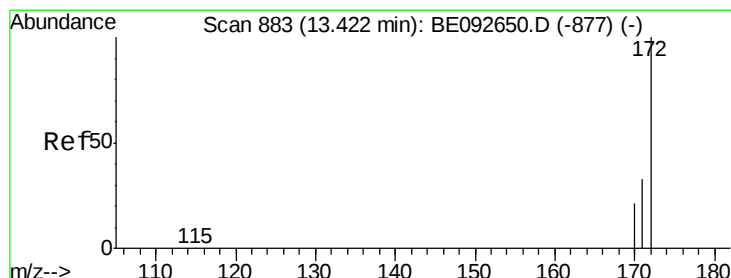
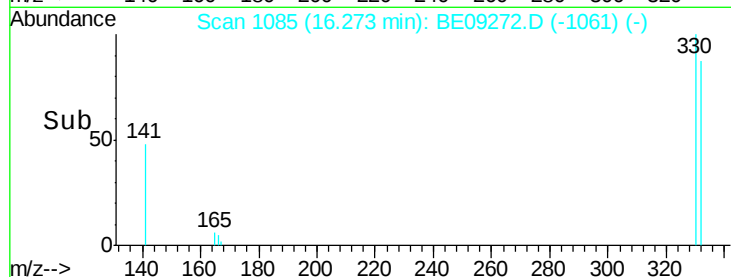
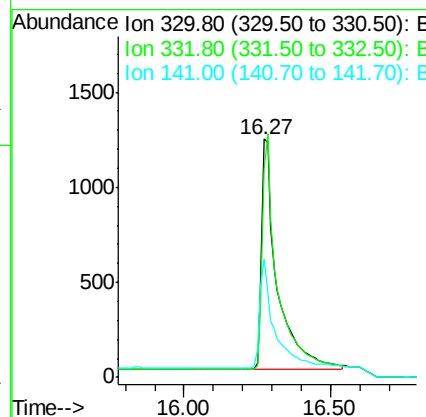
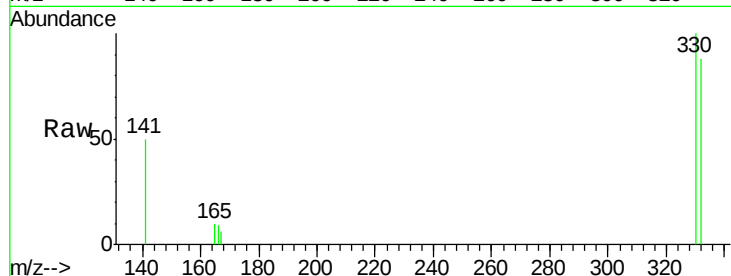




#13
 2,4,6-Tribromophenol
 Concen: 5.89 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE09272.D
 Acq: 10 Feb 2017 14:51

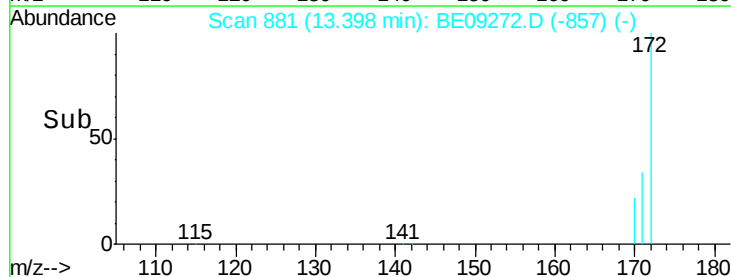
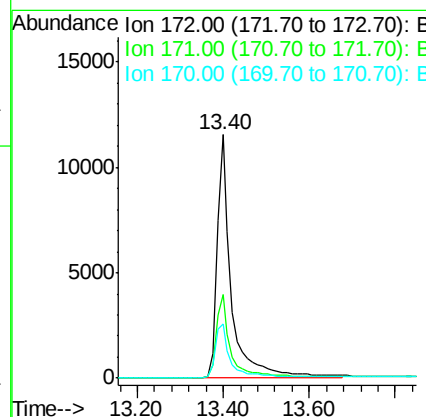
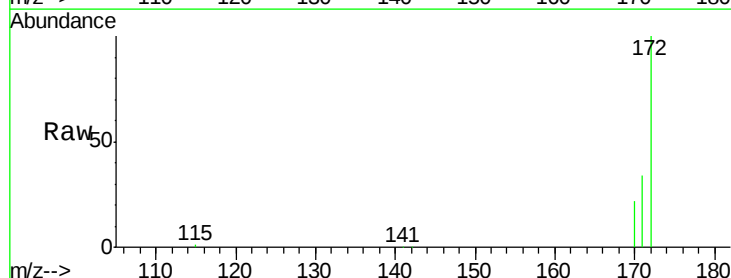
Instrument :
 BNA_E
 ClientSampleId :

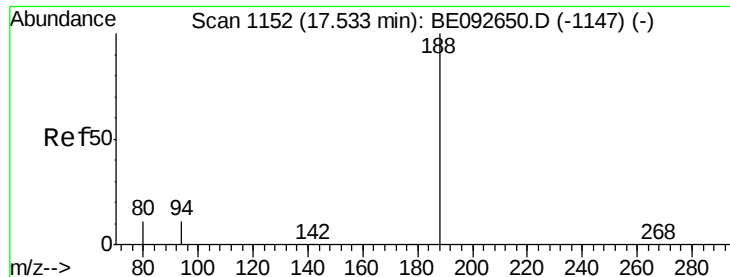
Tgt Ion: 330 Resp: 4511
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.4 113.0
 141 44.0 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.14 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE09272.D
 Acq: 10 Feb 2017 14:51

Tgt Ion: 172 Resp: 26561
 Ion Ratio Lower Upper
 172 100
 171 34.1 30.1 45.1
 170 22.4 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.53 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

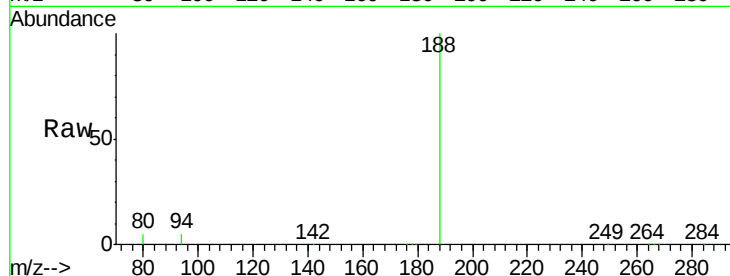
Tgt Ion:188 Resp: 47663

Ion Ratio Lower Upper

188 100

94 4.9 3.2 4.8#

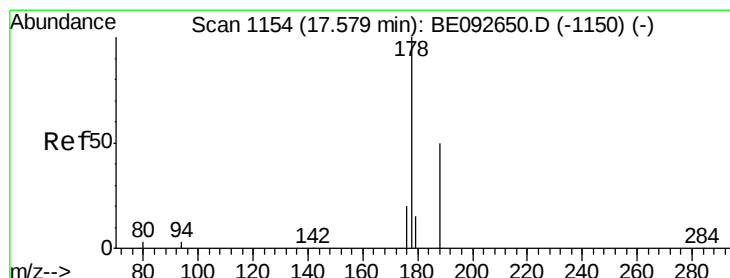
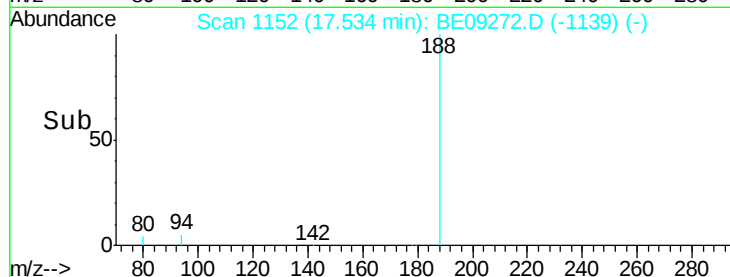
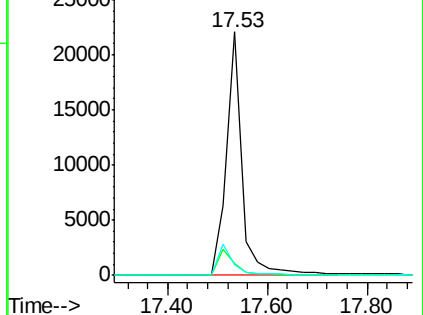
80 4.6 2.6 3.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#21

Phenanthrene

Concen: 0.06 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

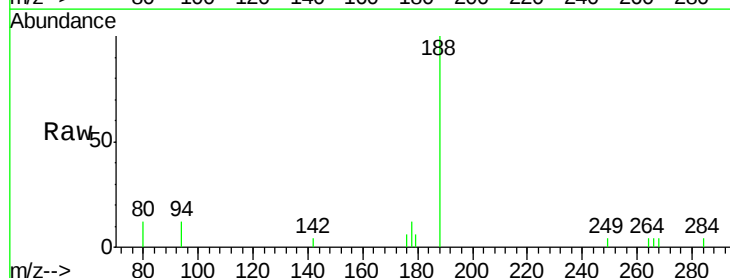
Tgt Ion:178 Resp: 614

Ion Ratio Lower Upper

178 100

176 0.0 15.8 23.8#

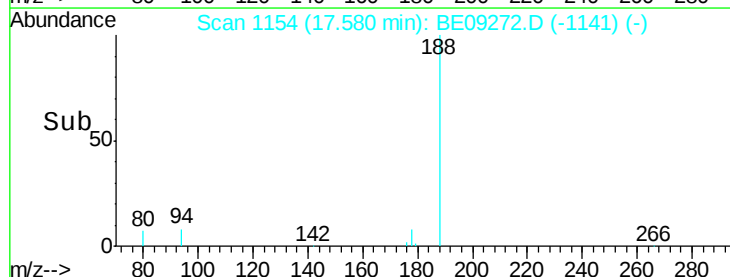
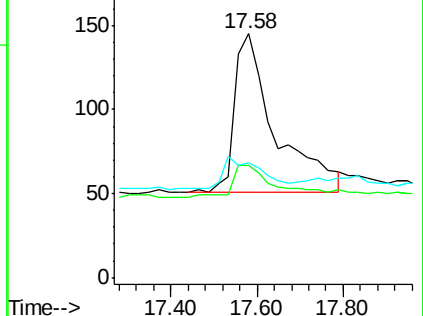
179 0.0 16.0 24.0#

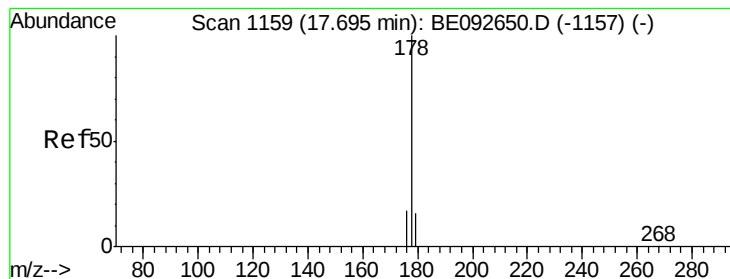


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#22

Anthracene

Concen: 0.07 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.11 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

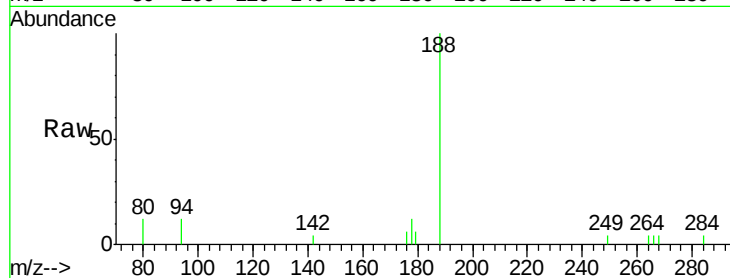
Tgt Ion:178 Resp: 669

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

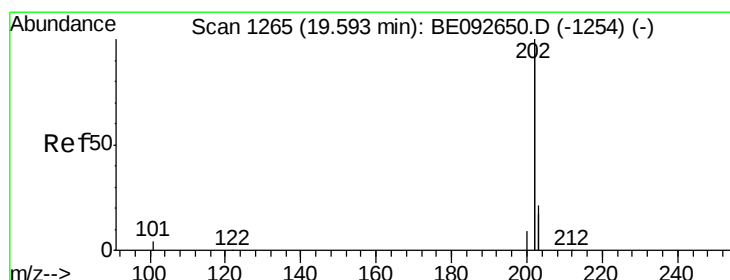
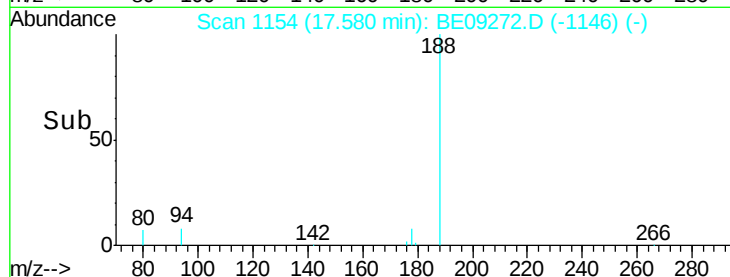
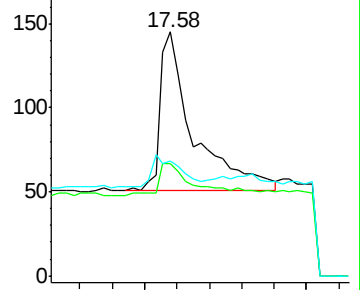
179 0.0 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Fluoranthene

Concen: 0.06 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

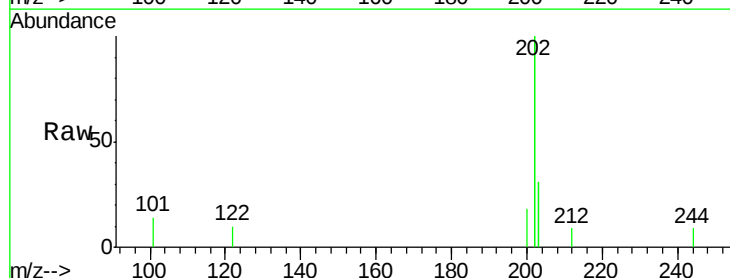
Tgt Ion:202 Resp: 2734

Ion Ratio Lower Upper

202 100

101 2.6 2.2 3.4

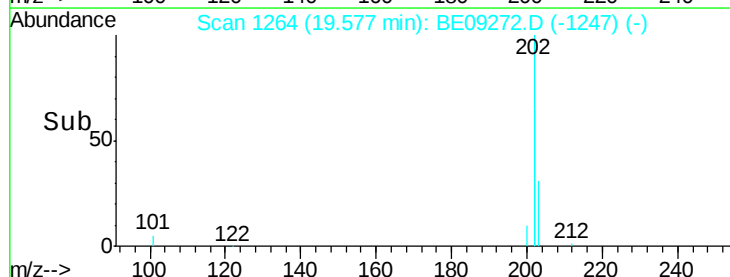
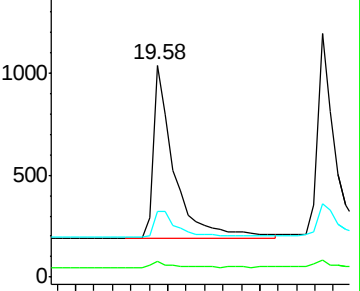
203 17.5 13.7 20.5

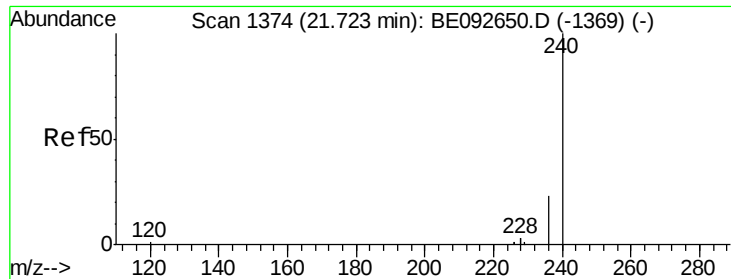


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

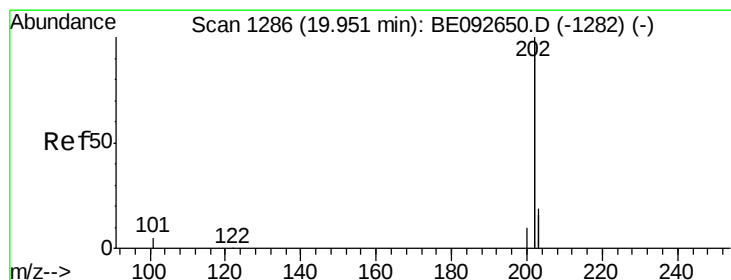
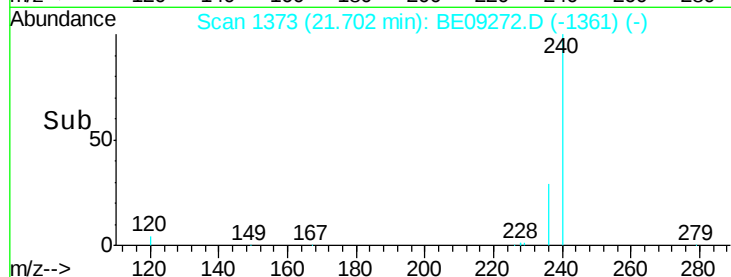
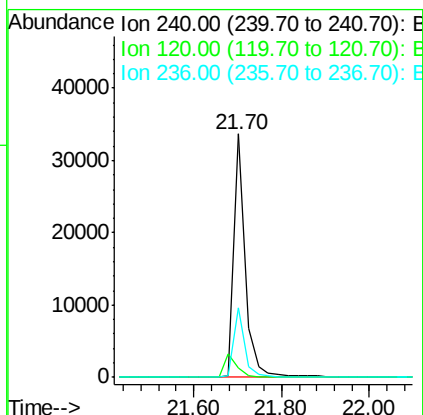
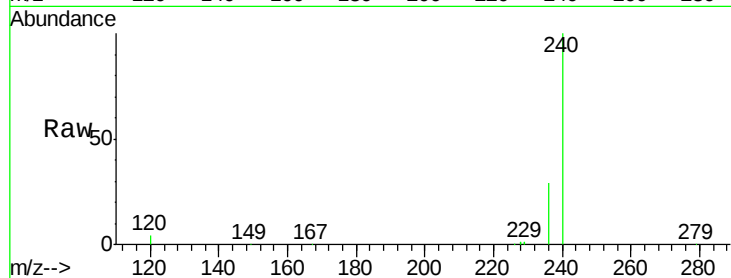




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BE09272.D
Acq: 10 Feb 2017 14:51

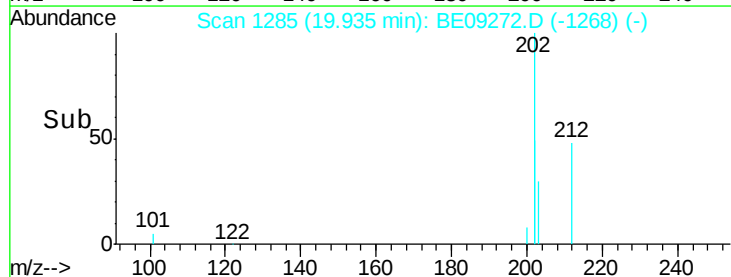
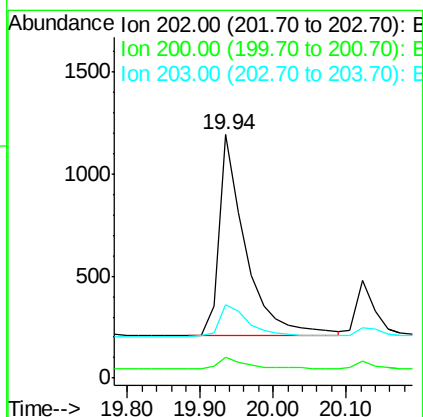
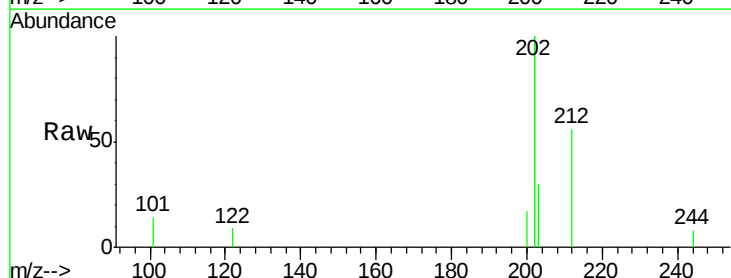
Instrument :
BNA_E
ClientSampleId :

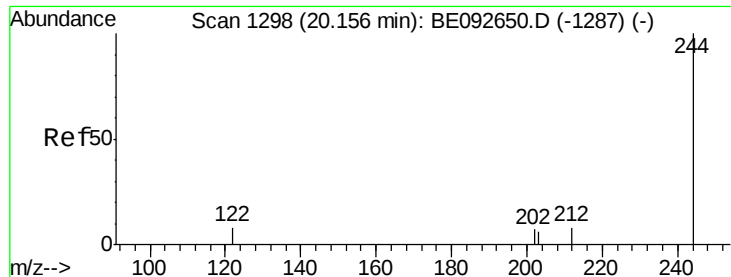
Tgt Ion:240 Resp: 59101
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 28.7 24.6 37.0



#25
Pyrene
Concen: 0.04 ng
RT: 19.94 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE09272.D
Acq: 10 Feb 2017 14:51

Tgt Ion:202 Resp: 2505
Ion Ratio Lower Upper
202 100
200 5.2 4.2 6.4
203 19.2 13.9 20.9





#26

Terphenyl-d14

Concen: 3.61 ng

RT: 20.14 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

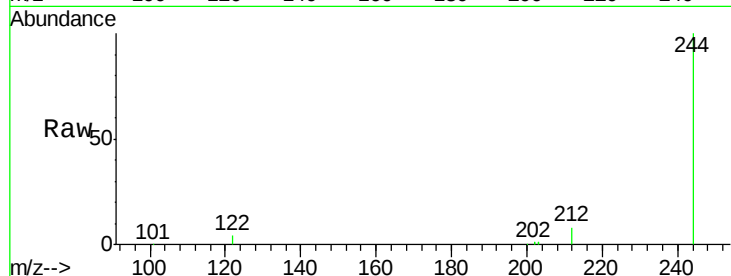
Tgt Ion:244 Resp: 30169

Ion Ratio Lower Upper

244 100

212 7.6 6.7 10.1

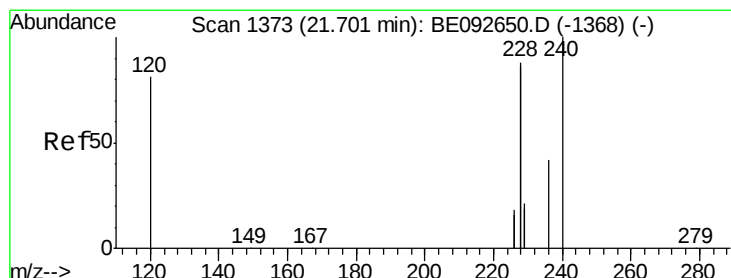
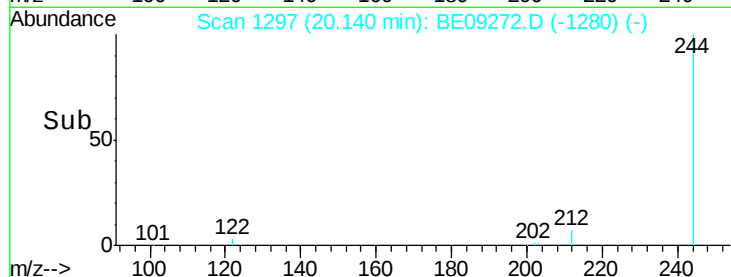
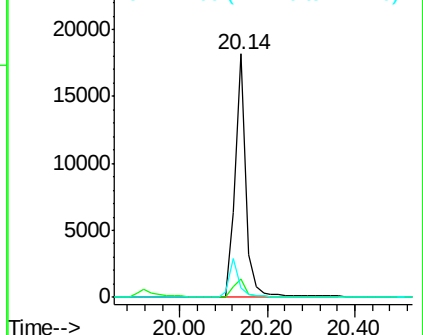
122 3.8 3.6 5.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#27

Benzo(a)anthracene

Concen: 0.05 ng

RT: 21.70 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

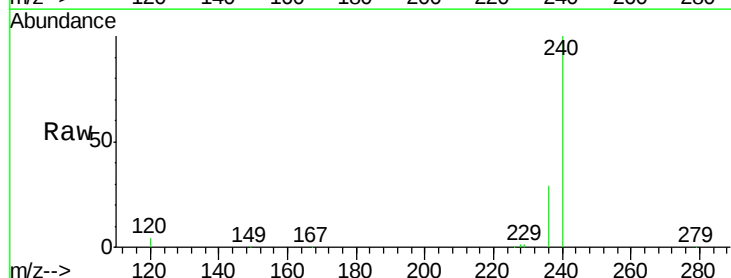
Tgt Ion:228 Resp: 3181

Ion Ratio Lower Upper

228 100

226 36.3 23.6 35.4#

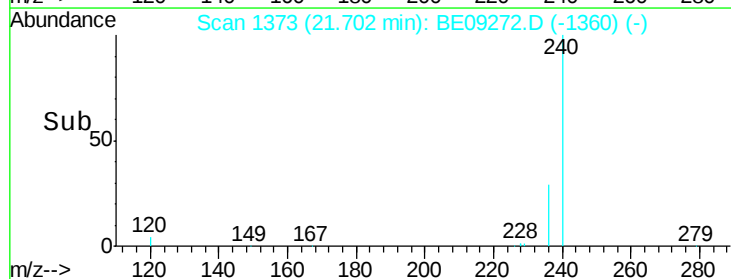
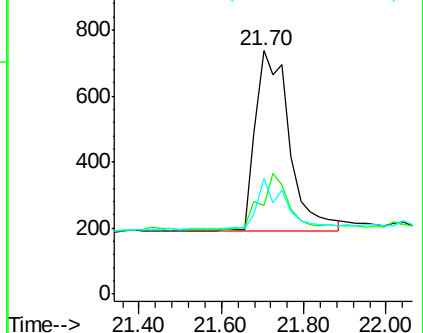
229 47.7 13.3 19.9#

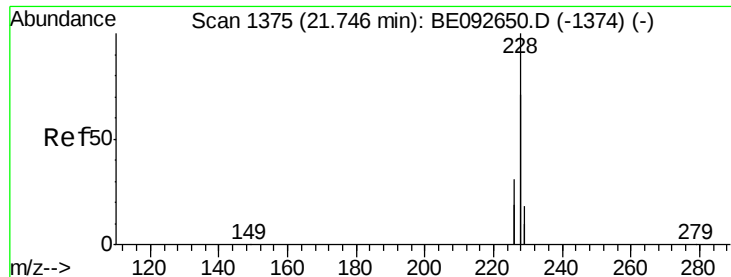


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#28

Chrysene

Concen: 0.05 ng

RT: 21.70 min Scan# 1373

Delta R.T. -0.04 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampled :

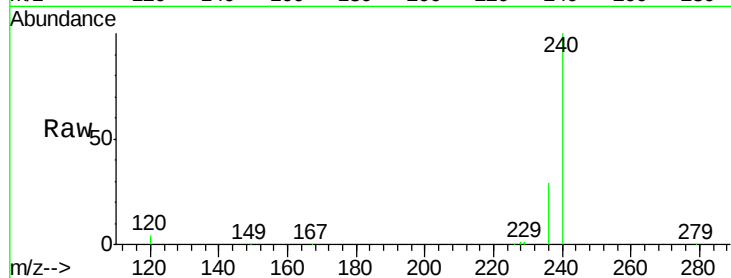
Tgt Ion:228 Resp: 3258

Ion Ratio Lower Upper

228 100

226 36.3 36.3 54.5#

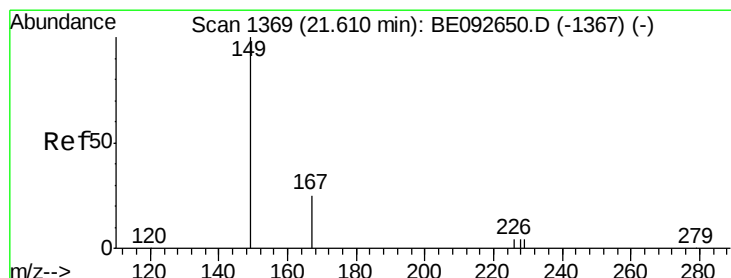
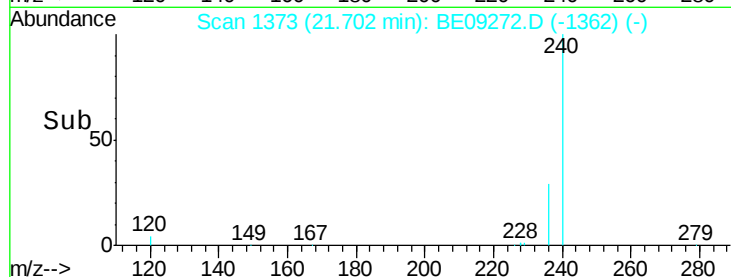
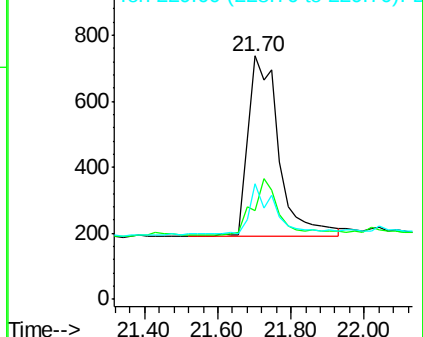
229 47.7 10.6 16.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.61 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

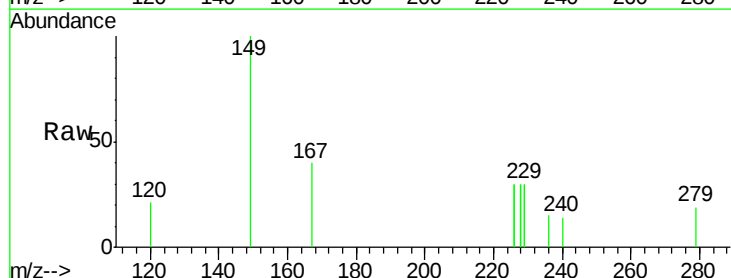
Tgt Ion:149 Resp: 628

Ion Ratio Lower Upper

149 100

167 29.8 16.0 24.0#

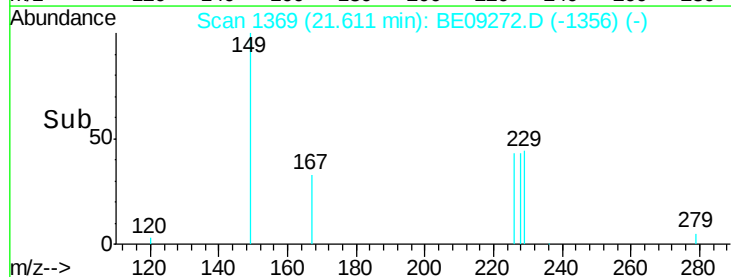
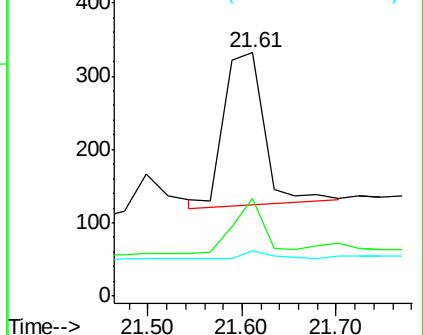
279 2.9 16.0 24.0#

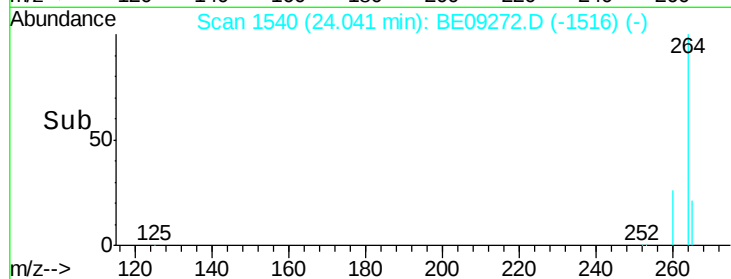
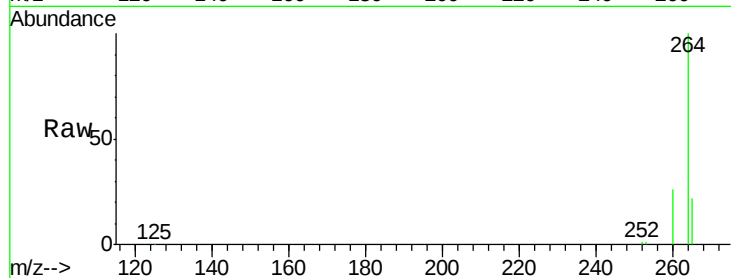
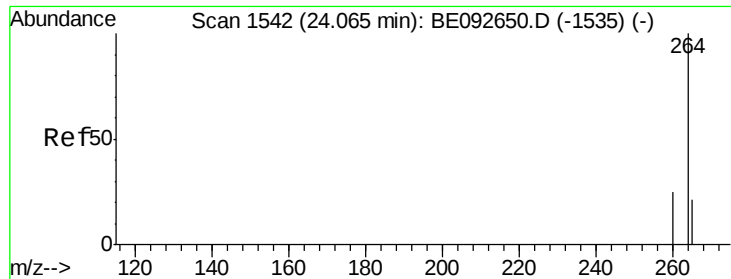


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.04 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BE09272.D

Acq: 10 Feb 2017 14:51

Instrument :

BNA_E

ClientSampleId :

Tgt Ion: 264 Resp: 54992

Ion Ratio Lower Upper

264 100

260 26.5 20.1 30.1

265 21.6 17.9 26.9

