

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050917\
 Data File : BE092964.D
 Acq On : 9 May 2017 14:46
 Operator : SJ/MA
 Sample : I2961-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 09 17:14:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 15:34:16 2017
 Response via : Initial Calibration

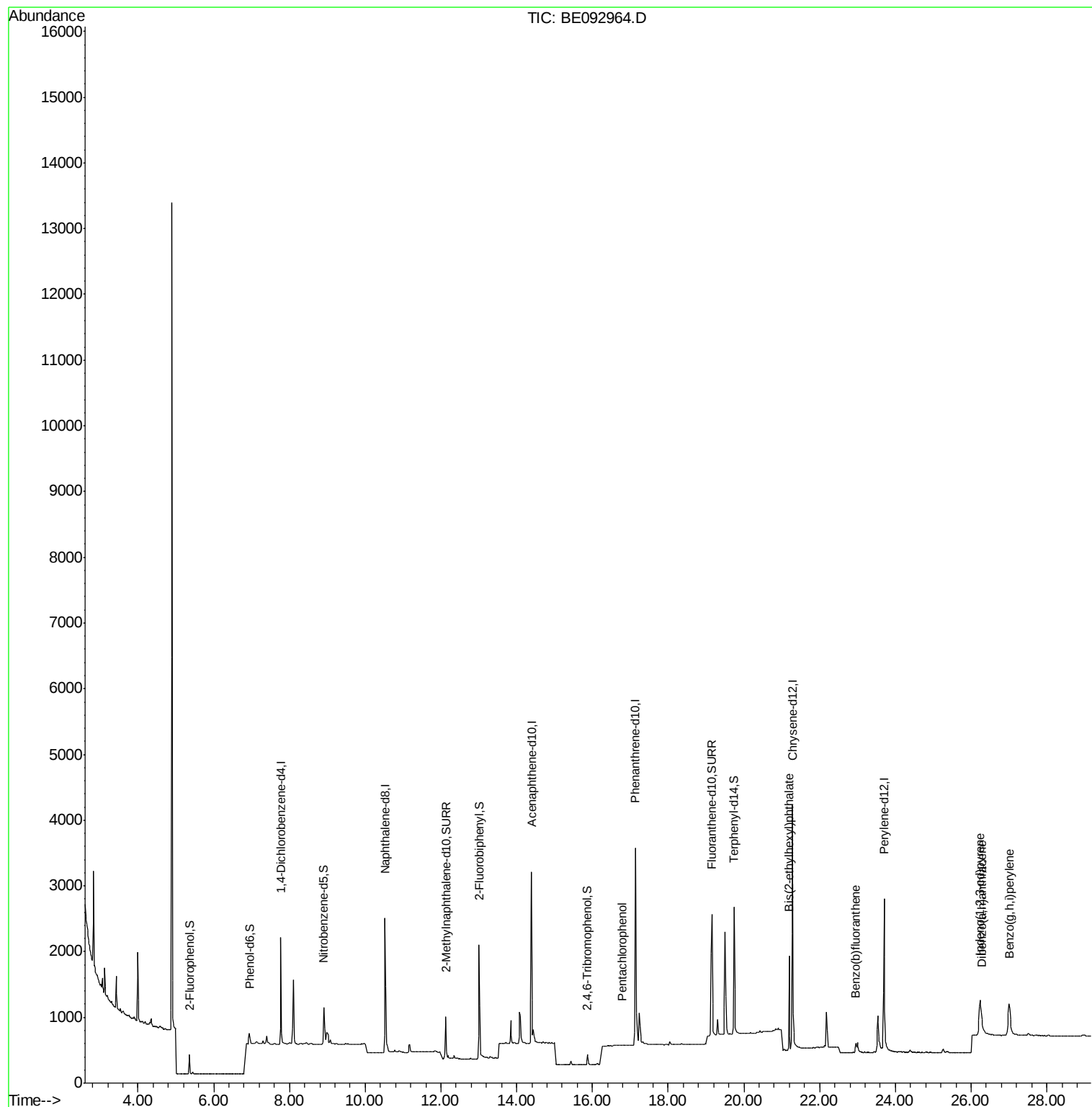
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	817	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3001	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1599	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4181	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4660	0.40	ng	0.00
33) Perylene-d12	23.70	264	3861	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	227	0.12	ng	0.00
5) Phenol-d6	6.95	99	158	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	621	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1047	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	110	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1794	0.24	ng	0.00
24) Fluoranthene-d10	19.15	212	3138	0.32	ng	0.00
28) Terphenyl-d14	19.73	244	2721	0.33	ng	0.00
Target Compounds						Qvalue
21) Pentachlorophenol	16.79	266	14	0.18	ng	97
31) Bis(2-ethylhexyl)phthalate	21.20	149	1431	0.48	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.24	276	1517	0.03	ng	96
34) Benzo(b)fluoranthene	22.95	252	266	0.02	ng	# 43
37) Dibenzo(a,h)anthracene	26.27	278	285	0.02	ng	# 61
38) Benzo(g,h,i)perylene	27.00	276	1390	0.03	ng	# 79

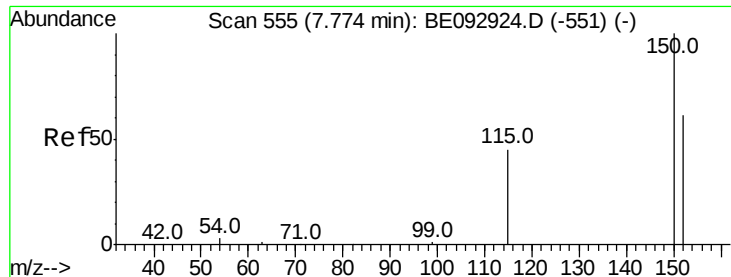
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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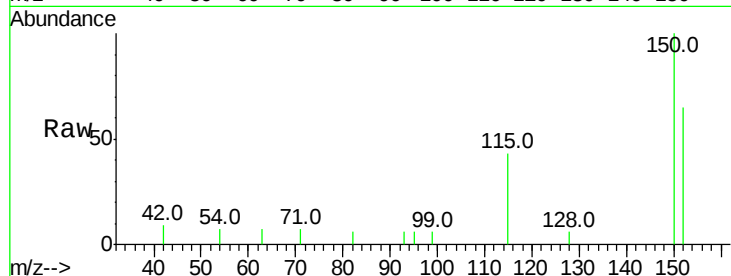


#1

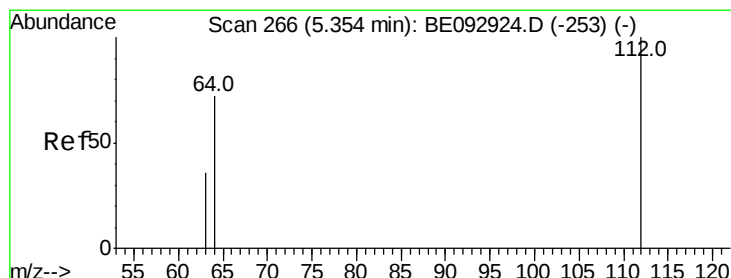
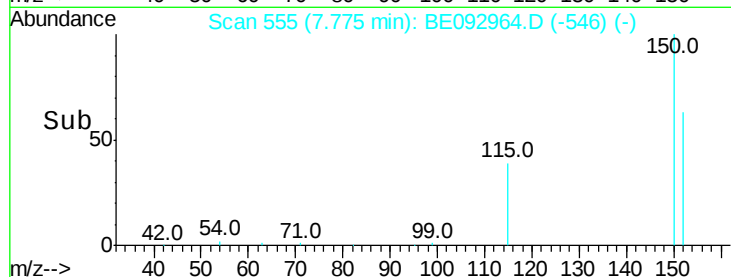
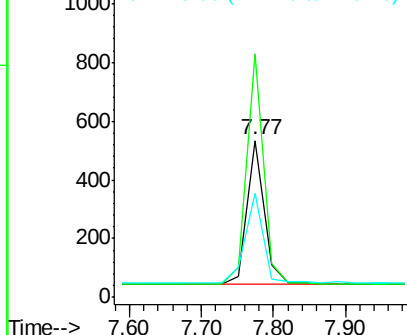
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 817
Ion Ratio Lower Upper
152 100
150 155.0 129.9 194.9
115 66.5 62.6 93.8



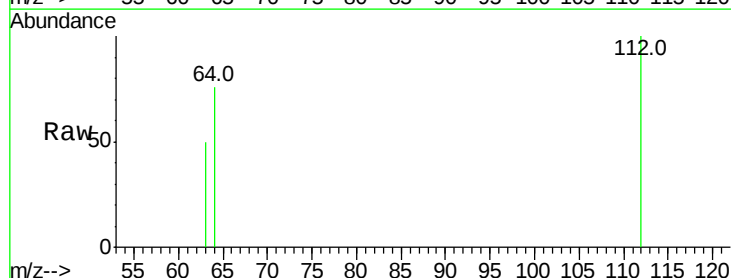
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



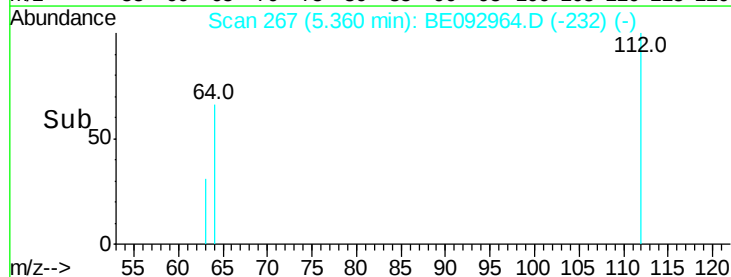
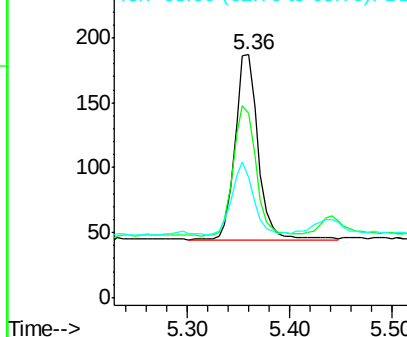
#4

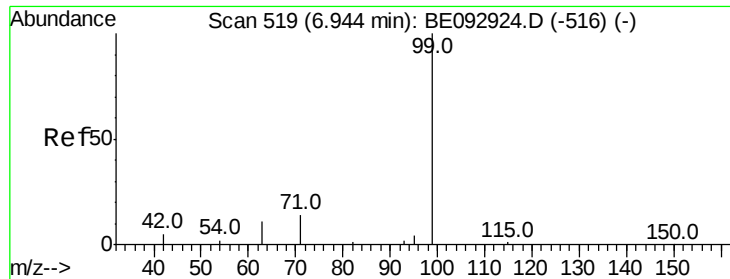
2-Fluorophenol
Concen: 0.12 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Tgt Ion:112 Resp: 227
Ion Ratio Lower Upper
112 100
64 69.2 52.6 79.0
63 36.1 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.06 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Instrument :

BNA_E

ClientSampled :

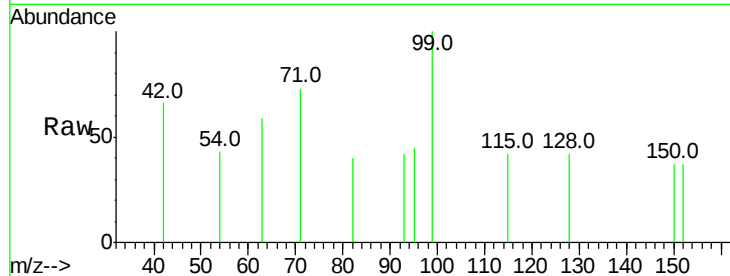
Tot Ion: 99 Resp: 158

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

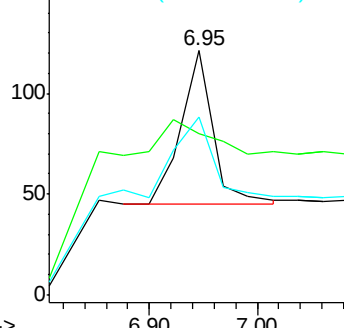
71 61.4 0.0 0.0#



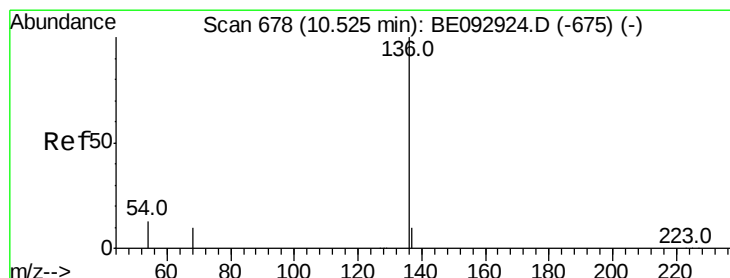
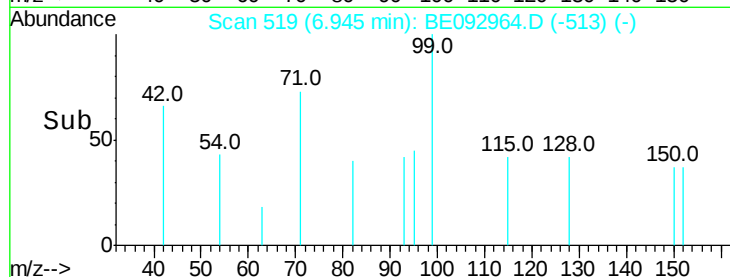
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.52 min Scan# 678

Delta R.T. 0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Tgt Ion:136 Resp: 3001

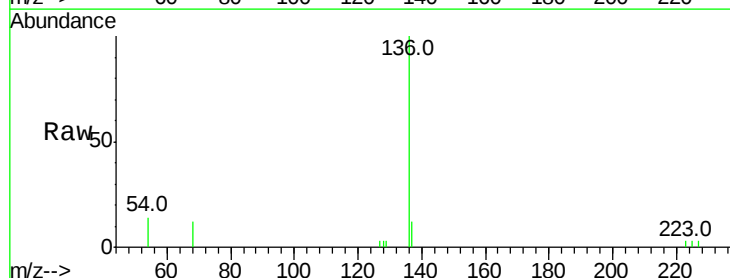
Ion Ratio Lower Upper

136 100

137 12.4 10.4 15.6

54 13.9 12.6 18.8

68 12.1 10.7 16.1

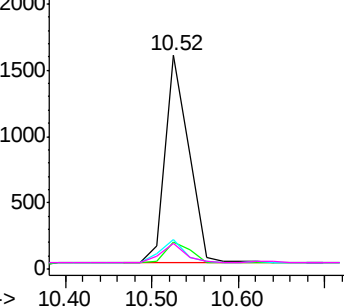


Abundance Ion 136.00 (135.70 to 136.70): E

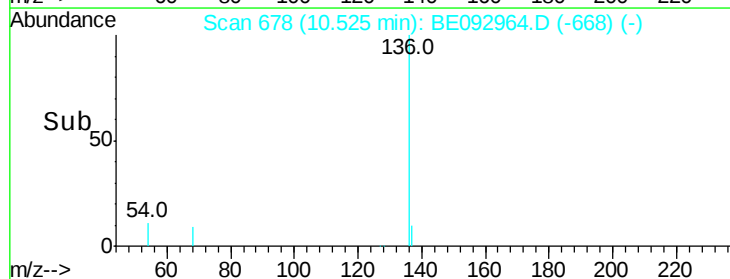
Ion 137.00 (136.70 to 137.70): E

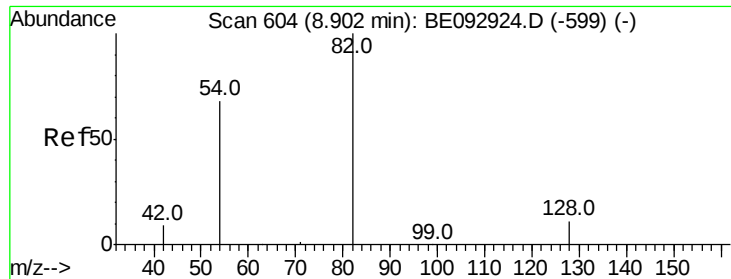
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

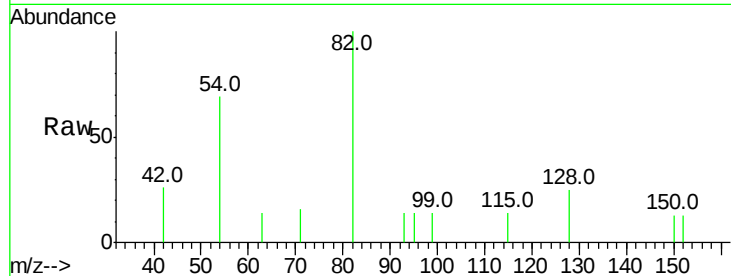




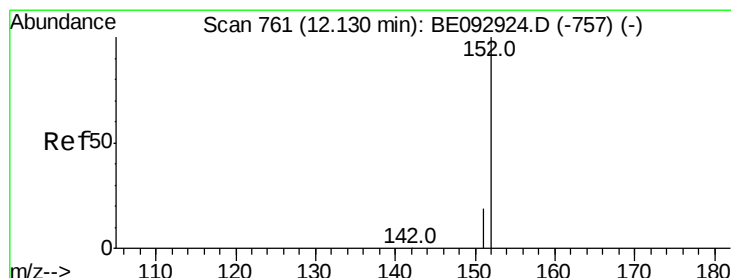
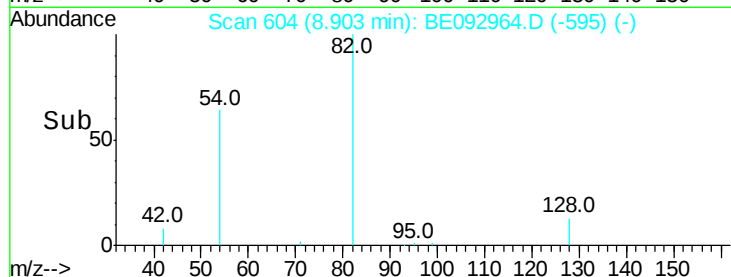
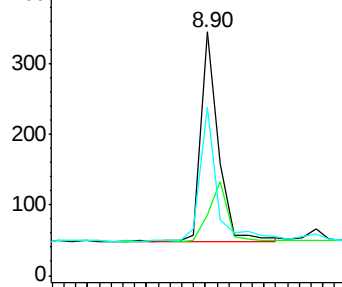
#8
 Nitrobenzene-d5
 Concen: 0.31 ng
 RT: 8.90 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 621
 Ion Ratio Lower Upper
 82 100
 128 24.9 35.3 52.9#
 54 69.0 65.1 97.7

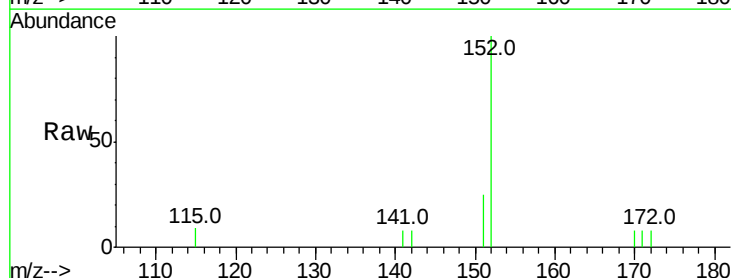


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

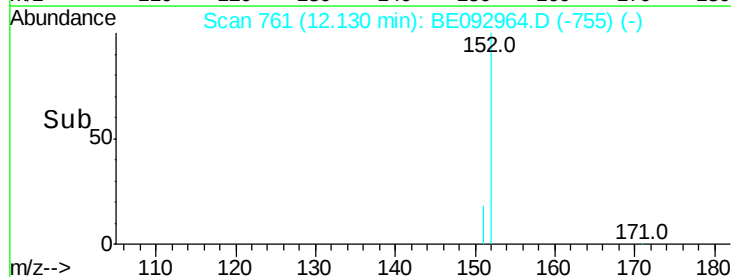
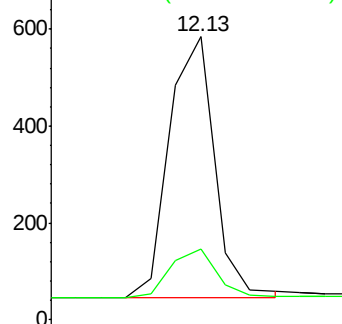


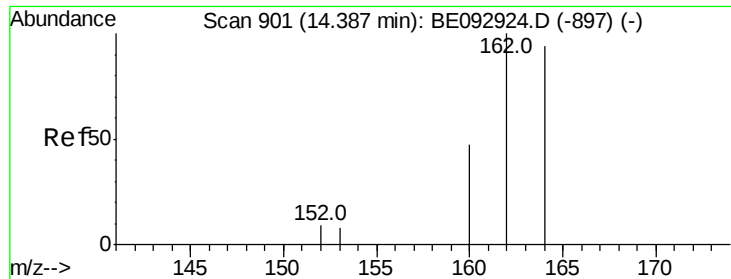
#11
 2-Methylnaphthalene-d10
 Concen: 0.24 ng
 RT: 12.13 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Tgt Ion: 152 Resp: 1047
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

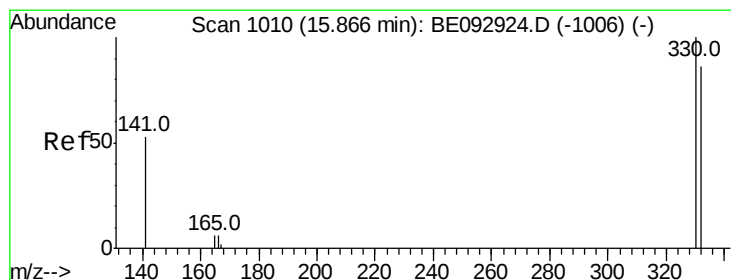
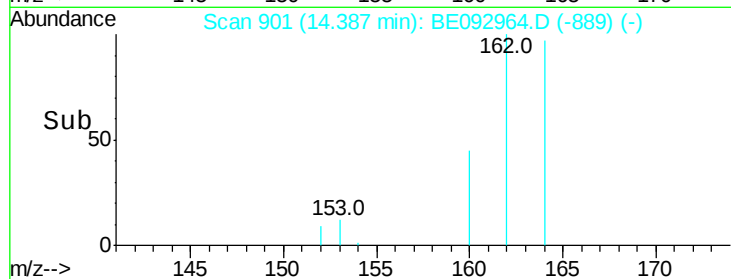
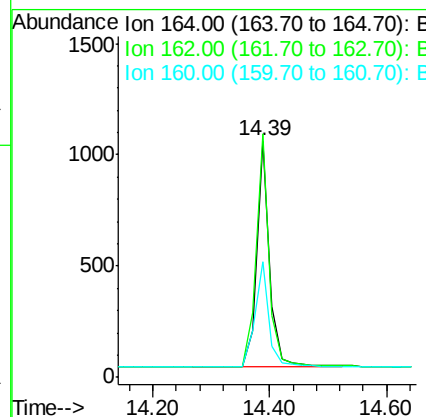
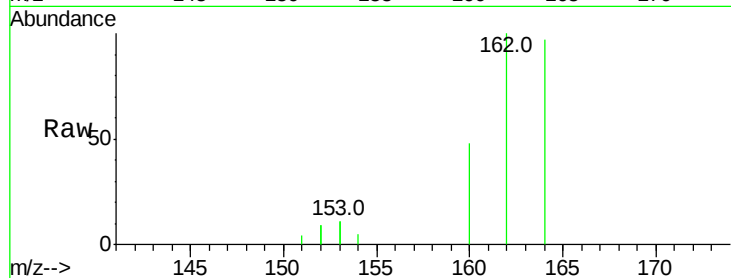




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

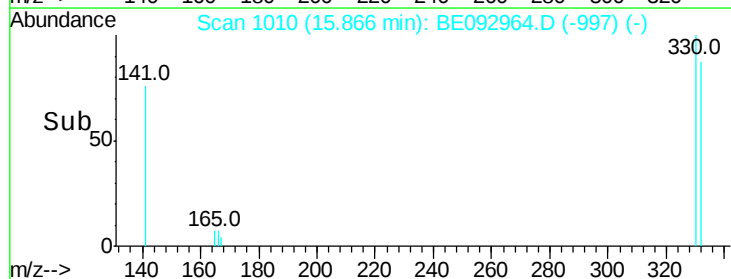
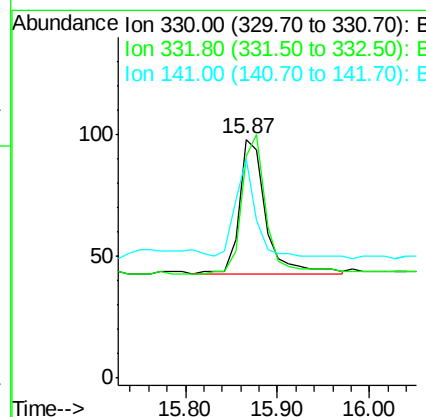
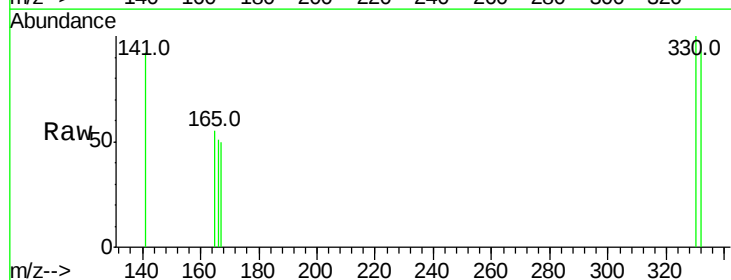
Instrument :
BNA_E
ClientSampled :

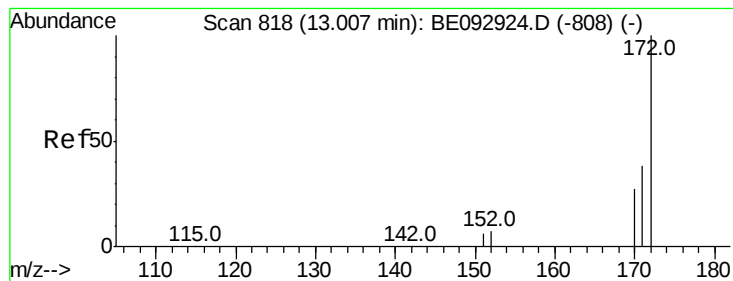
Tot Ion:164 Resp: 1599
Ion Ratio Lower Upper
164 100
162 102.9 86.6 130.0
160 49.1 44.5 66.7



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Tgt Ion:330 Resp: 110
Ion Ratio Lower Upper
330 100
332 96.4 69.1 103.7
141 53.6 54.6 81.8#

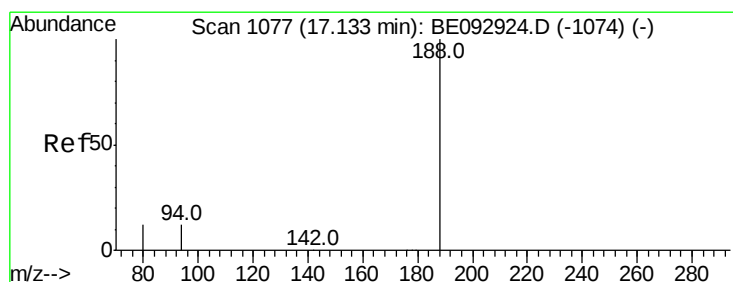
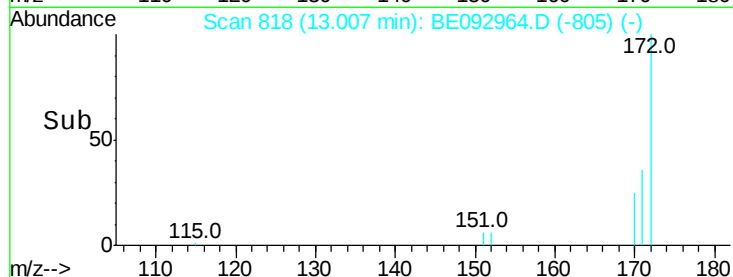
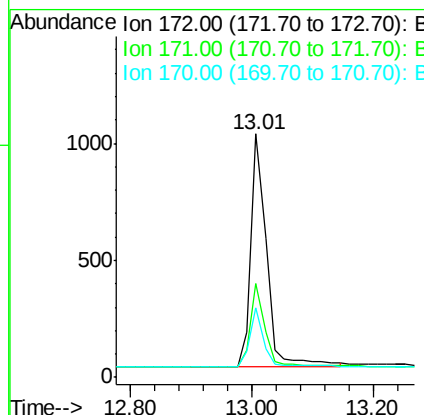
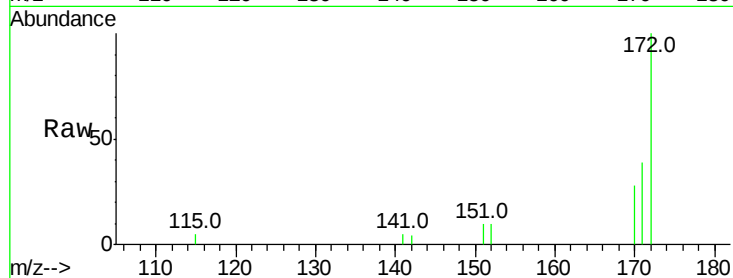




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

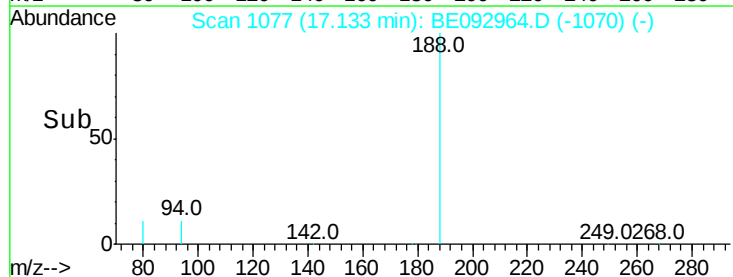
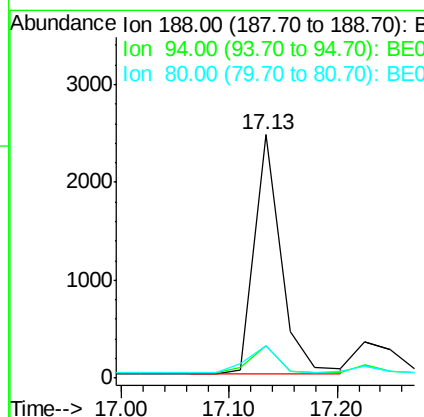
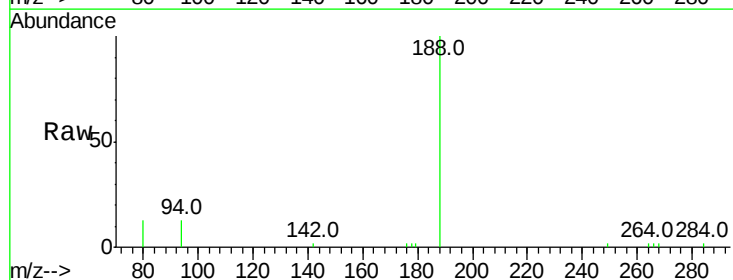
Instrument :
BNA_E
ClientSampleId :

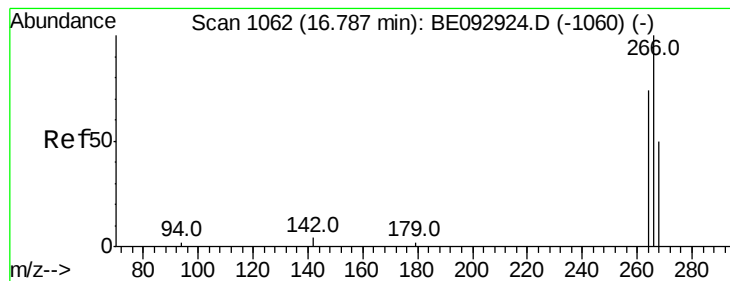
Tot Ion:172 Resp: 1794
Ion Ratio Lower Upper
172 100
171 38.8 35.8 53.6
170 28.4 28.5 42.7#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Tgt Ion:188 Resp: 4181
Ion Ratio Lower Upper
188 100
94 13.1 10.2 15.4
80 13.4 10.6 15.8





#21

Pentachlorophenol

Concen: 0.18 ng

RT: 16.79 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Instrument :

BNA_E

ClientSampleId :

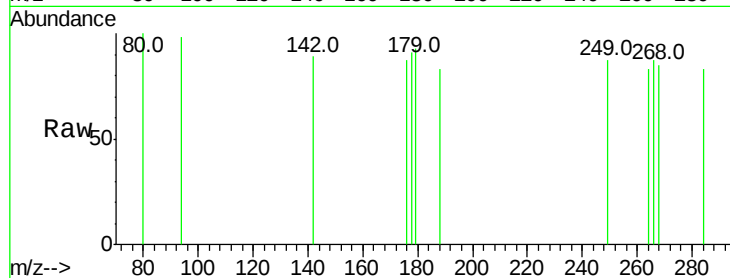
Tot Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 95.7 75.4 113.2

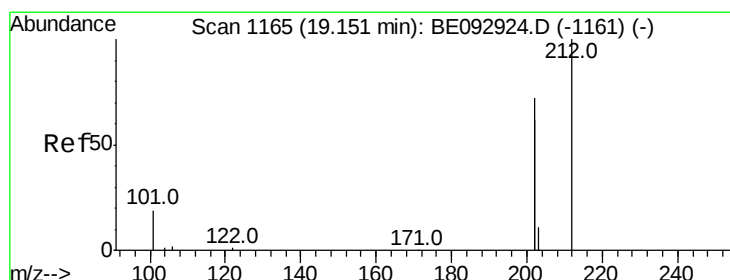
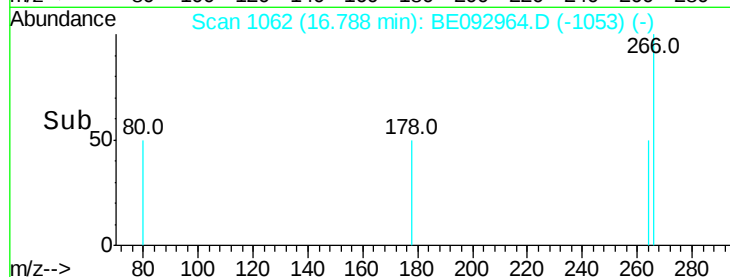
268 97.9 75.4 113.2



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#24

Fluoranthene-d10

Concen: 0.32 ng

RT: 19.15 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

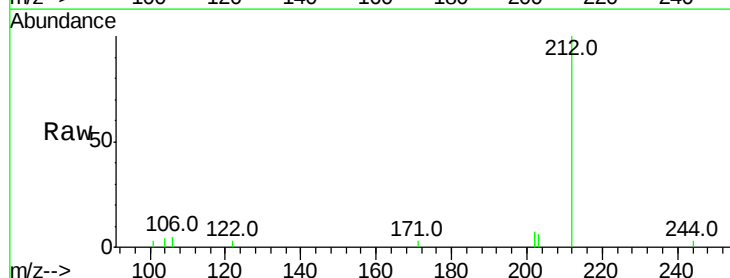
Tgt Ion:212 Resp: 3138

Ion Ratio Lower Upper

212 100

106 0.0 0.0 0.0

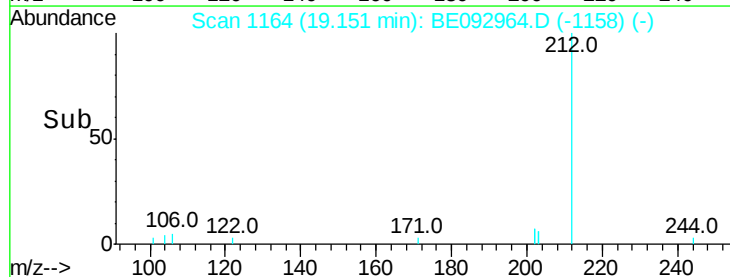
104 0.0 0.0 0.0

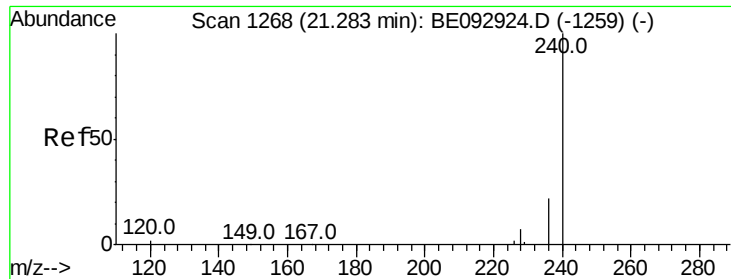


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

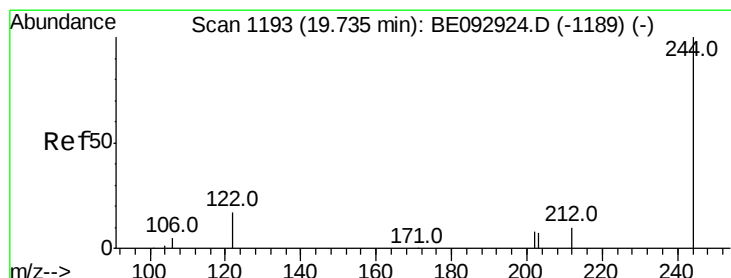
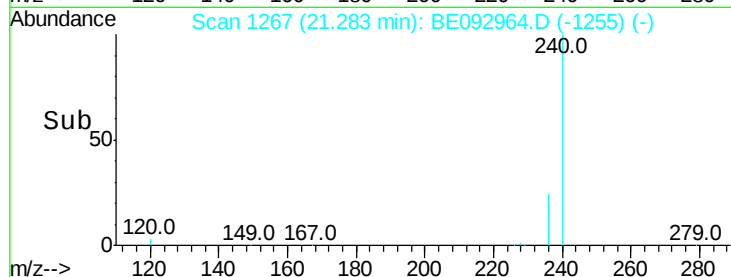
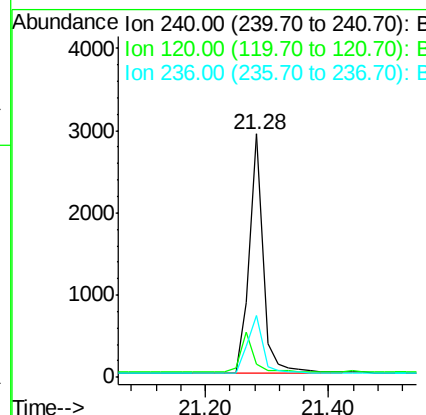
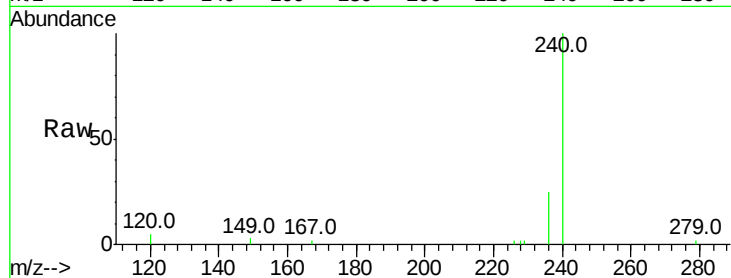




#26
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

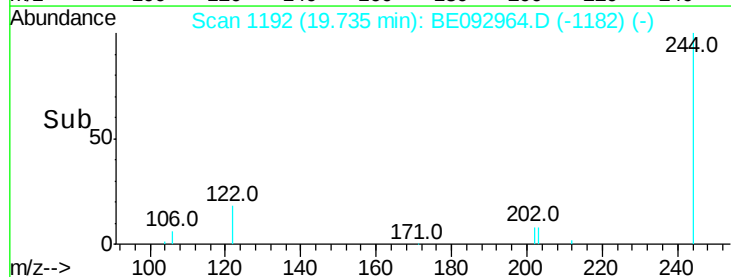
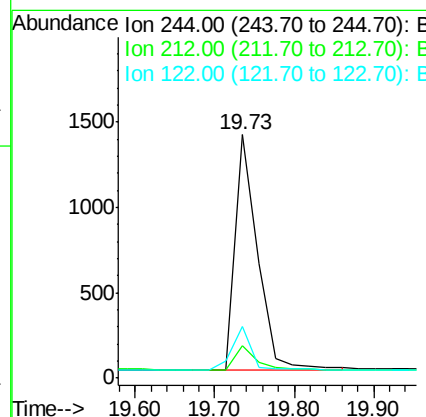
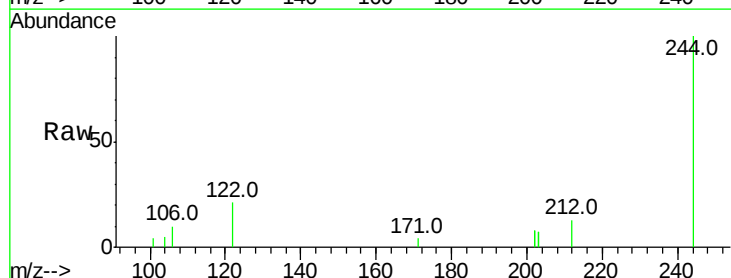
Instrument :
 BNA_E
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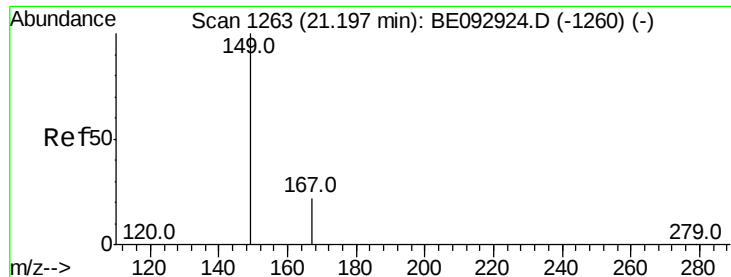
Tot Ion:240 Resp: 4660
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.6 6.8
 236 25.2 19.8 29.8



#28
 Terphenyl-d14
 Concen: 0.33 ng
 RT: 19.73 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Tgt Ion:244 Resp: 2721
 Ion Ratio Lower Upper
 244 100
 212 13.2 18.4 27.6#
 122 21.4 23.3 34.9#

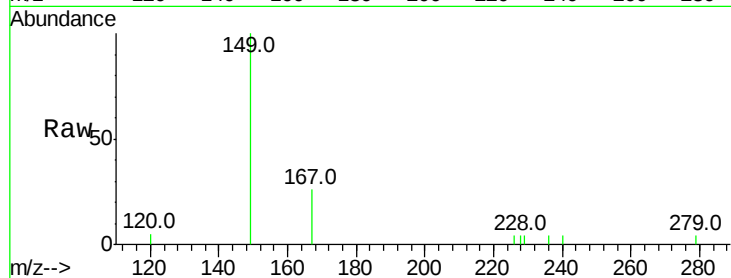




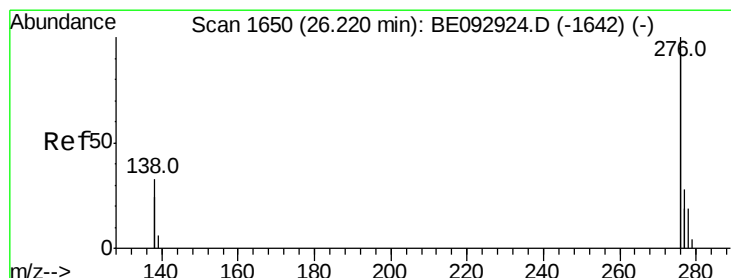
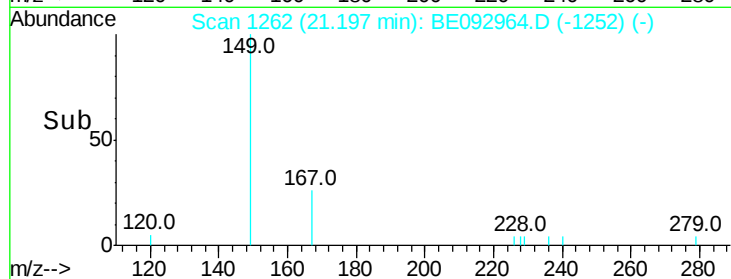
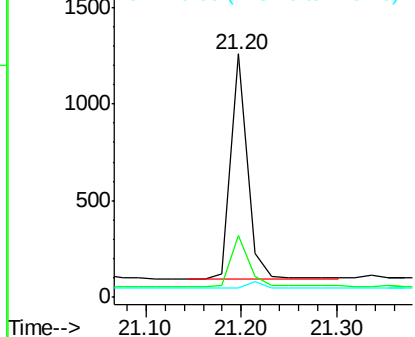
#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.48 ng
 RT: 21.20 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1431
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.9 31.3
 279 2.4 0.0 0.0#

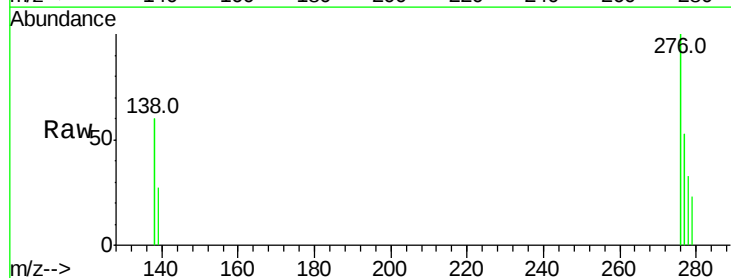


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

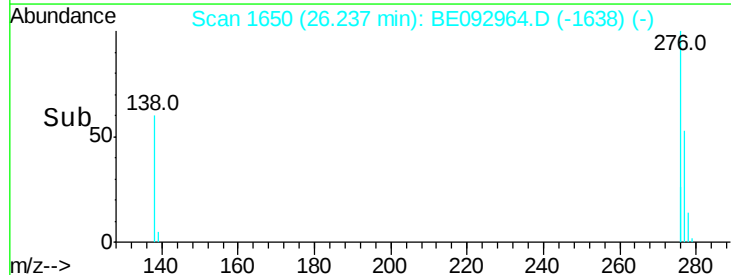
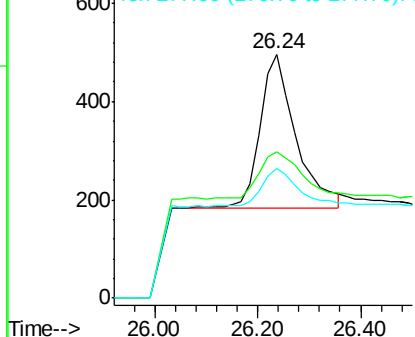


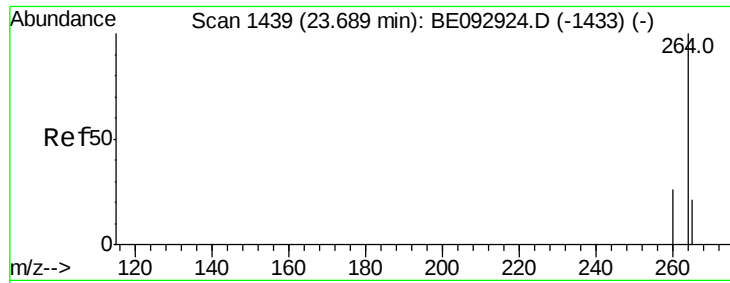
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 26.24 min Scan# 1650
 Delta R.T. 0.02 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Tgt Ion:276 Resp: 1517
 Ion Ratio Lower Upper
 276 100
 138 35.5 25.8 38.6
 277 25.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

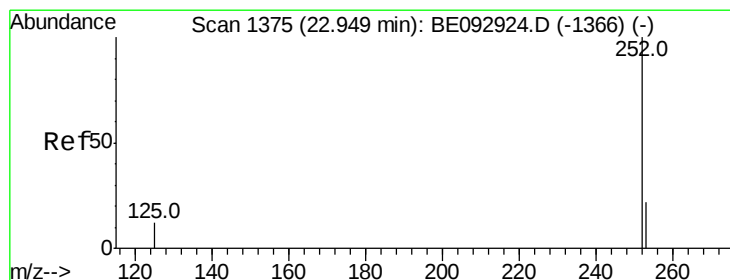
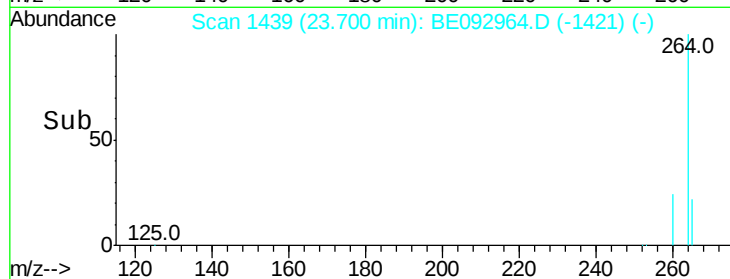
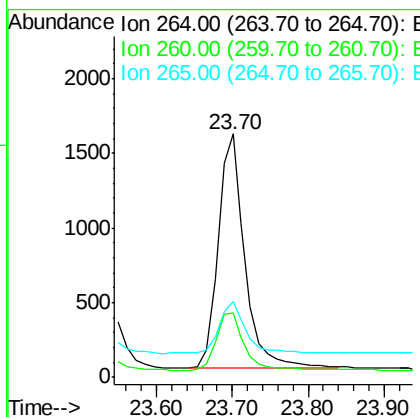
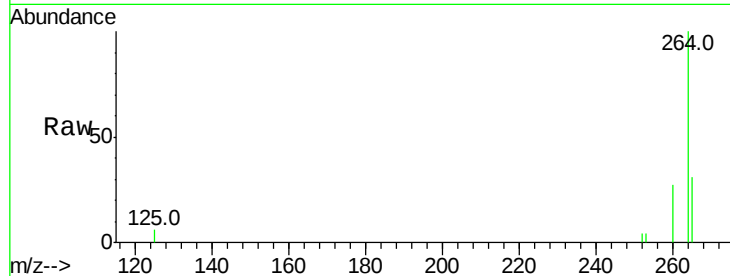




#33
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

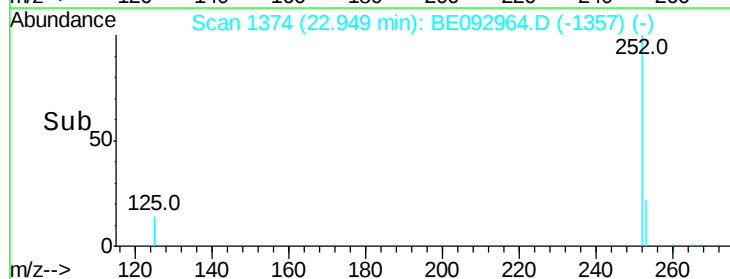
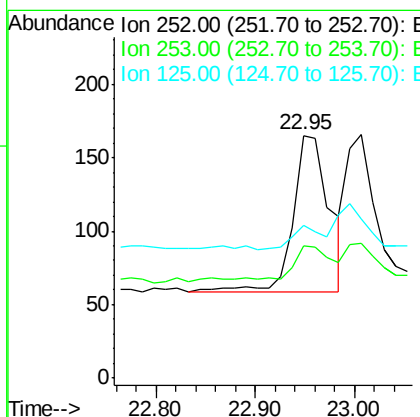
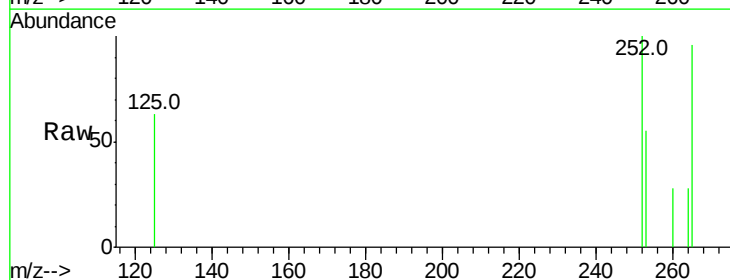
Instrument :
 BNA_E
 ClientSampleId :

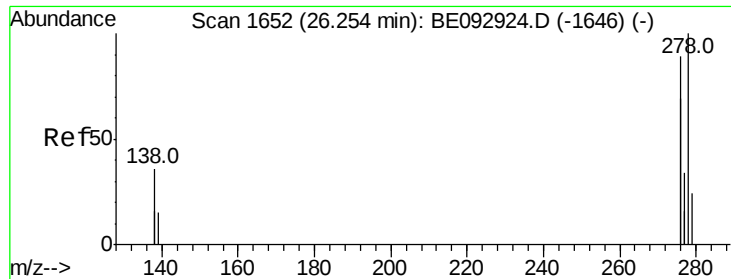
Tot Ion:264 Resp: 3861
 Ion Ratio Lower Upper
 264 100
 260 26.5 23.5 35.3
 265 31.1 27.2 40.8



#34
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.95 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Tgt Ion:252 Resp: 266
 Ion Ratio Lower Upper
 252 100
 253 54.5 24.7 37.1#
 125 63.0 20.3 30.5#

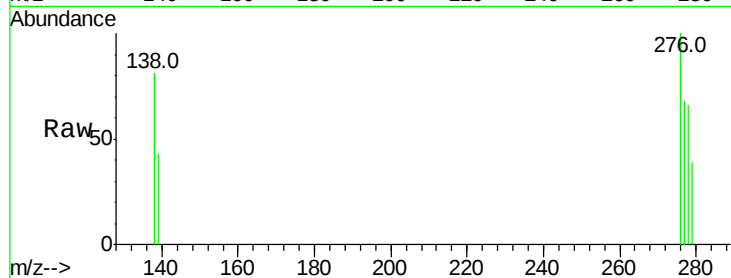




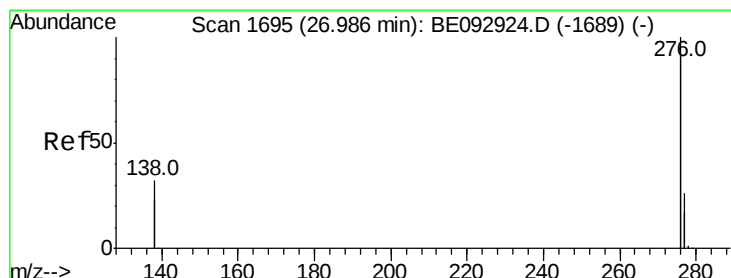
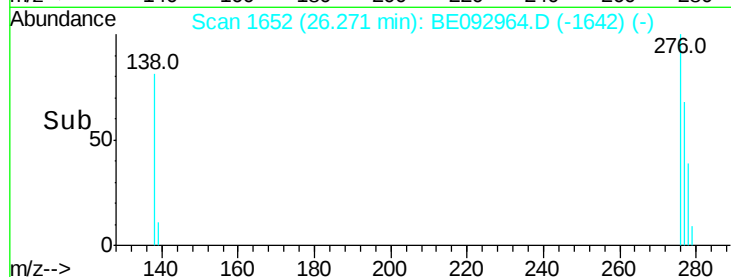
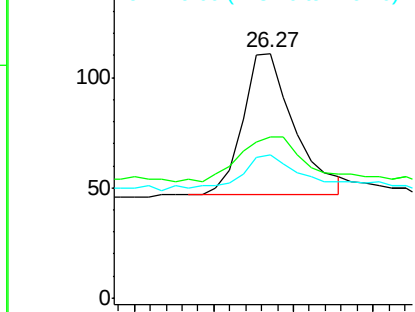
#37
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.27 min Scan# 1652
Delta R.T. 0.02 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 285
Ion Ratio Lower Upper
278 100
139 65.8 27.4 41.2#
279 58.6 33.3 49.9#

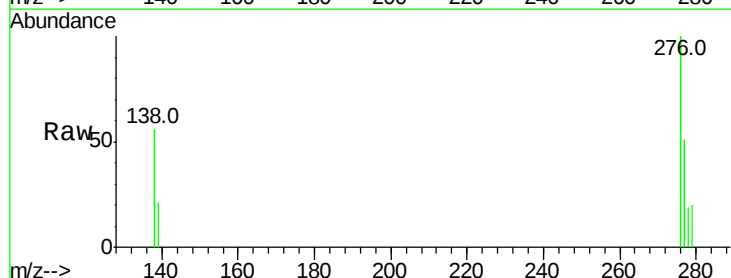


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#38
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.00 min Scan# 1695
Delta R.T. 0.02 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Tgt Ion:276 Resp: 1390
Ion Ratio Lower Upper
276 100
277 50.8 29.9 44.9#
138 56.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

