

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120517\
 Data File : BE094945.D
 Acq On : 6 Dec 2017 9:17
 Operator : SJ/JU
 Sample : I6707-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 06 10:02:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 13:33:28 2017
 Response via : Initial Calibration

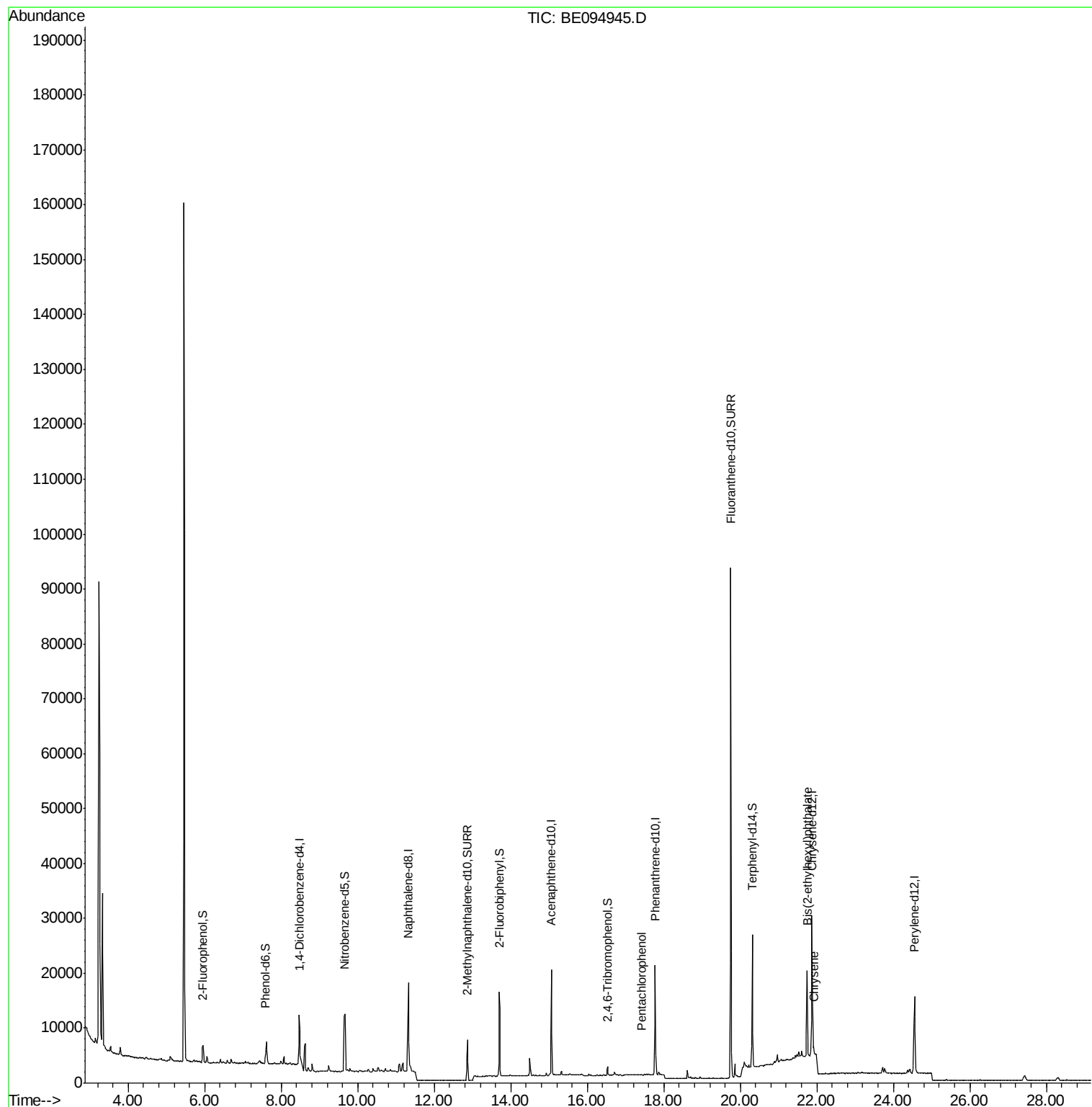
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	7729	0.40	ng	-0.01
7) Naphthalene-d8	11.33	136	18331	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10731	0.40	ng	-0.01
19) Phenanthrene-d10	17.77	188	26112	0.40	ng	0.00
27) Chrysene-d12	21.87	240	28136	0.40	ng	-0.02
34) Perylene-d12	24.55	264	22833	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.96	112	1790	0.15	ng	0.00
5) Phenol-d6	7.59	99	1519	0.08	ng	0.00
8) Nitrobenzene-d5	9.66	82	5036	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.86	152	9760	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	966	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.70	172	15943	0.35	ng	-0.01
25) Fluoranthene-d10	19.75	212	116822	0.33	ng	0.00
29) Terphenyl-d14	20.31	244	22178	0.43	ng	-0.02
Target Compounds						
22) Pentachlorophenol	17.42	266	23	0.138	ng	Qvalue 98
31) Chrysene	21.92	228	1947	0.020	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.74	149	19655	0.137	ng	99

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

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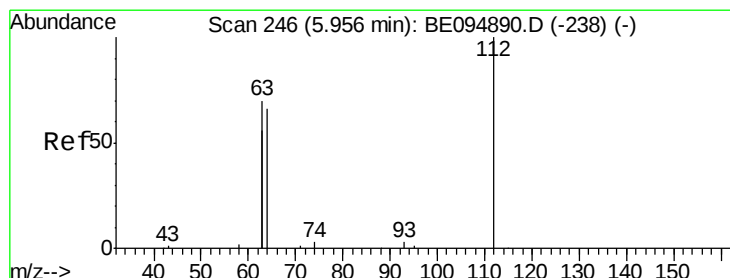
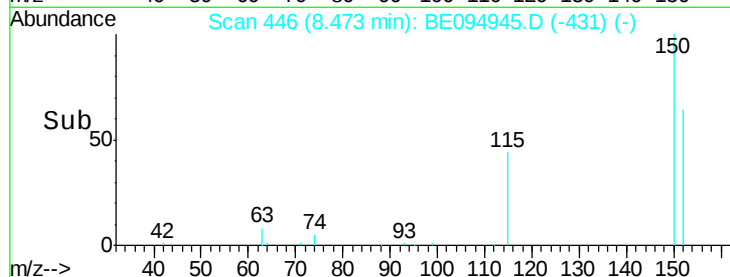
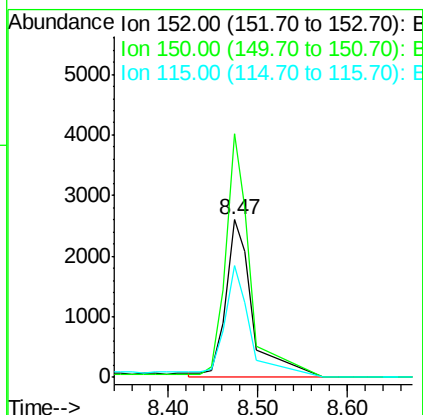
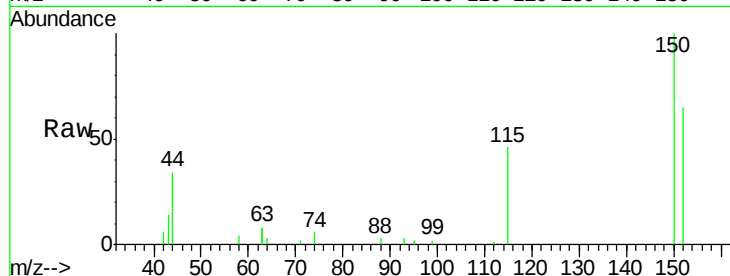


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094945.D
Acq: 6 Dec 2017 9:17

Instrument :
BNA_E
ClientSampled :

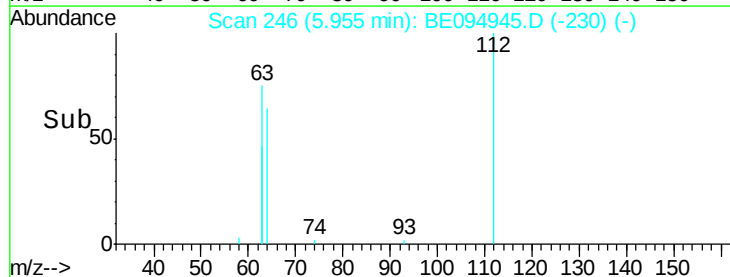
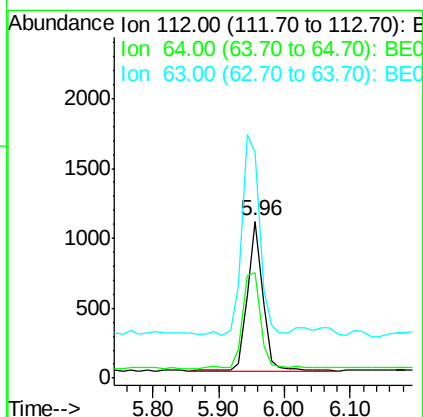
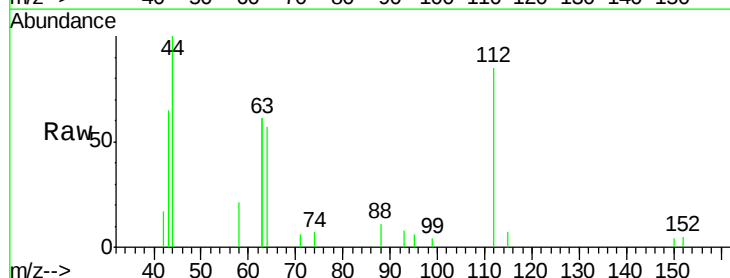
Tot Ion:152 Resp: 7729
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 70.8 57.0 85.6

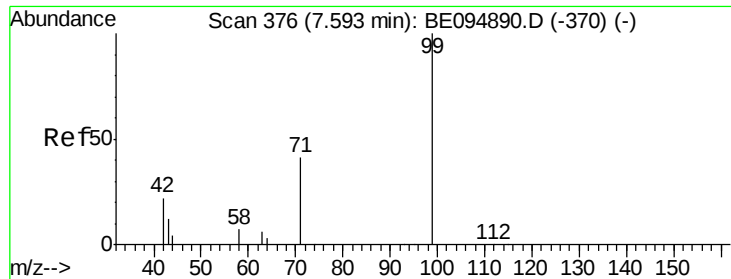


#4

2-Fluorophenol
Concen: 0.146 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094945.D
Acq: 6 Dec 2017 9:17

Tgt Ion:112 Resp: 1790
Ion Ratio Lower Upper
112 100
64 75.1 60.1 90.1
63 152.0 116.8 175.2





#5

Phenol-d6

Concen: 0.084 ng

RT: 7.59 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Instrument :

BNA_E

ClientSampleId :

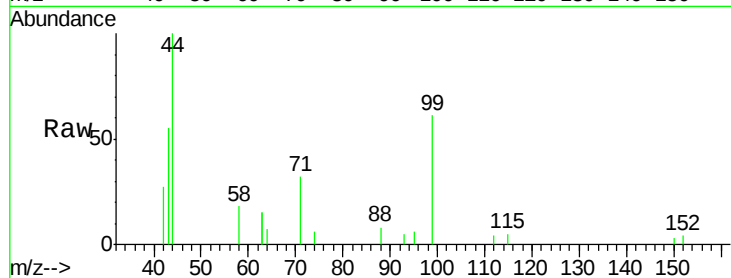
Tot Ion: 99 Resp: 1519

Ion Ratio Lower Upper

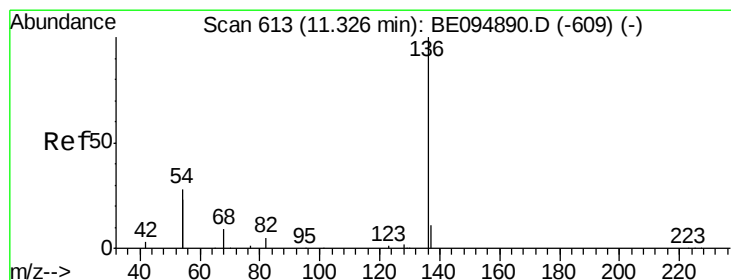
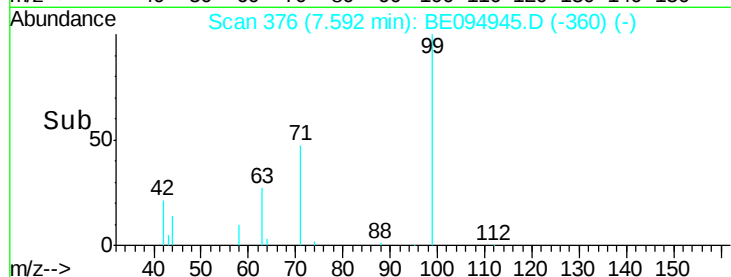
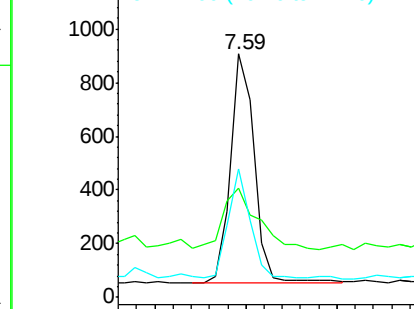
99 100

42 39.0 20.2 30.2#

71 44.8 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Tgt Ion: 136 Resp: 18331

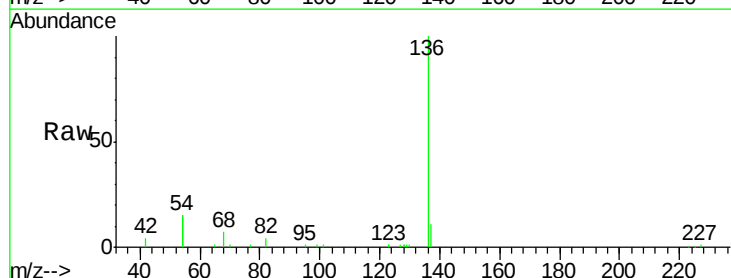
Ion Ratio Lower Upper

136 100

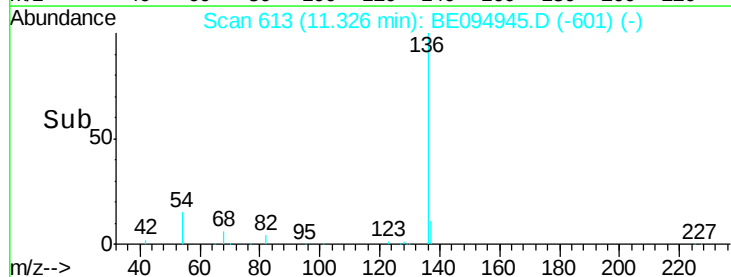
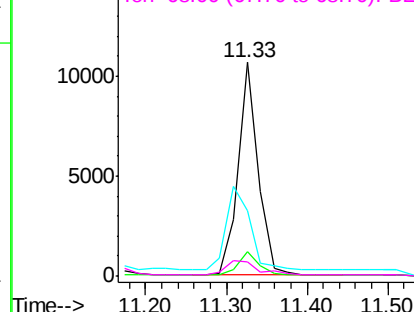
137 11.2 9.5 14.3

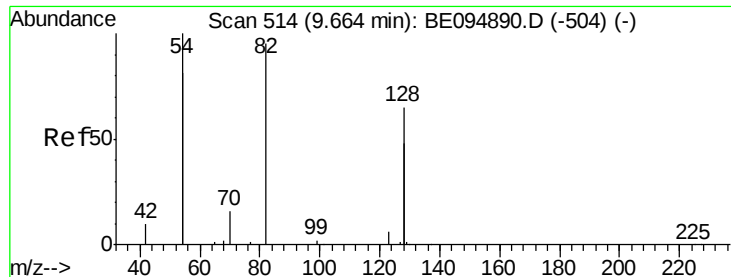
54 30.8 29.1 43.7

68 6.8 6.2 9.2



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





#8

Nitrobenzene-d5

Concen: 0.464 ng

RT: 9.66 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Instrument :

BNA_E

ClientSampleId :

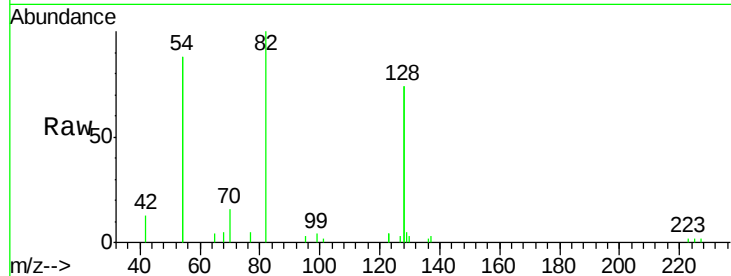
Tot Ion: 82 Resp: 5036

Ion Ratio Lower Upper

82 100

128 148.9 150.0 225.0#

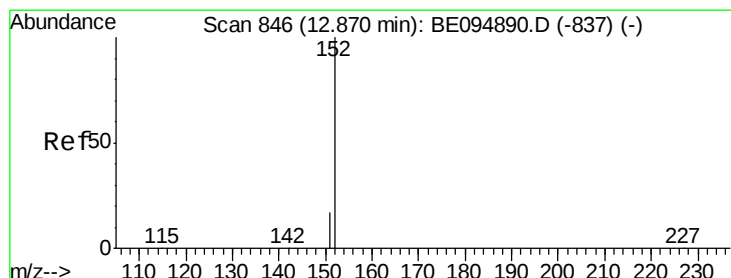
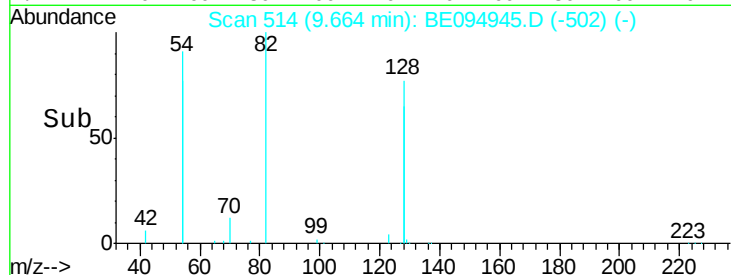
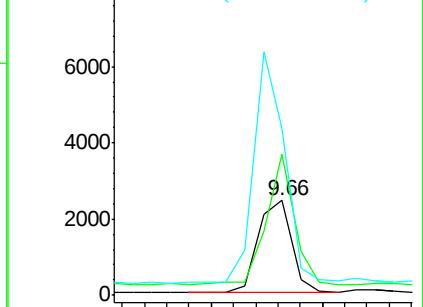
54 176.0 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE094890.D (-504) (-)

Ion 128.00 (127.70 to 128.70): BE094890.D (-504) (-)

Ion 54.00 (53.70 to 54.70): BE094890.D (-504) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.86 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE094945.D

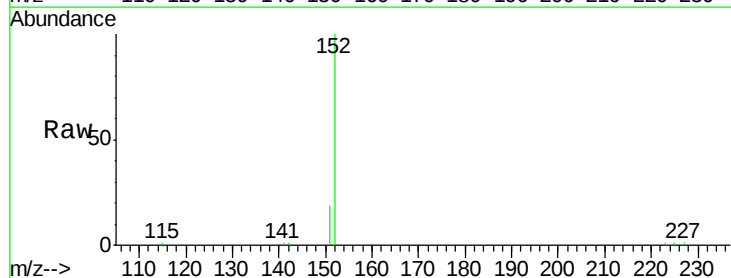
Acq: 6 Dec 2017 9:17

Tgt Ion: 152 Resp: 9760

Ion Ratio Lower Upper

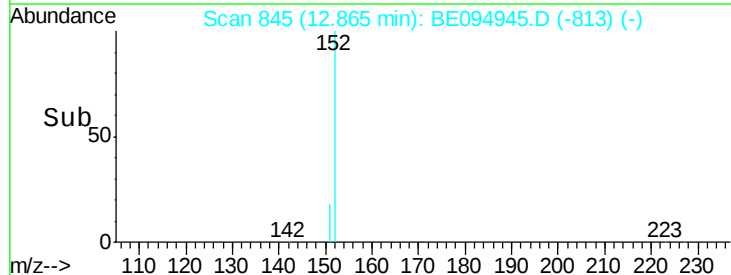
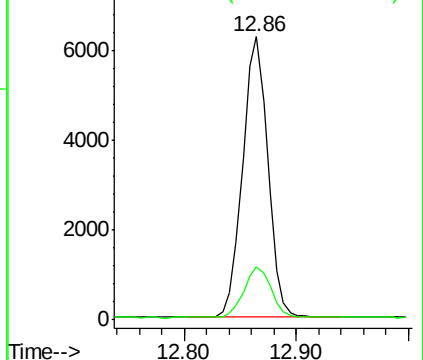
152 100

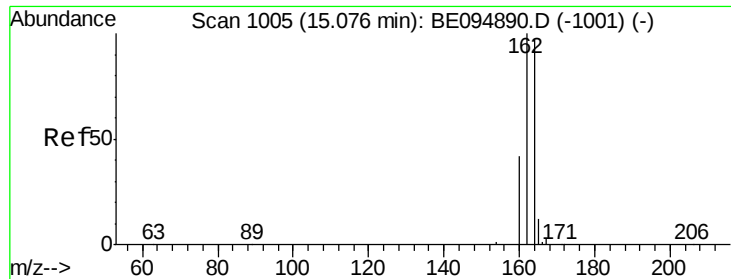
151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094890.D (-837) (-)

Ion 151.00 (150.70 to 151.70): BE094890.D (-837) (-)

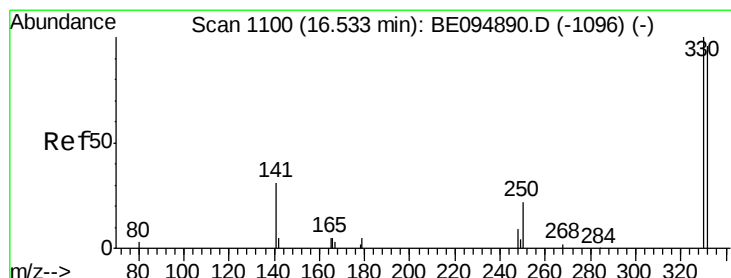
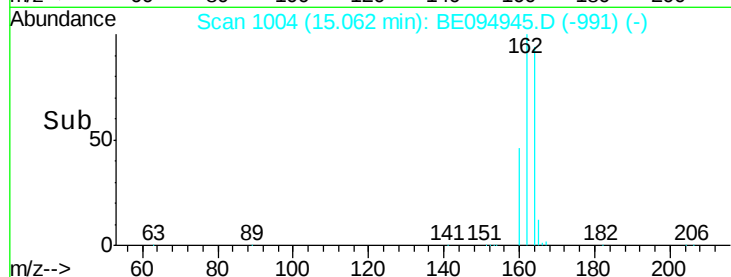
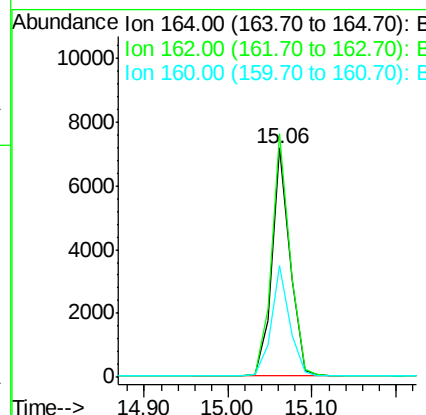
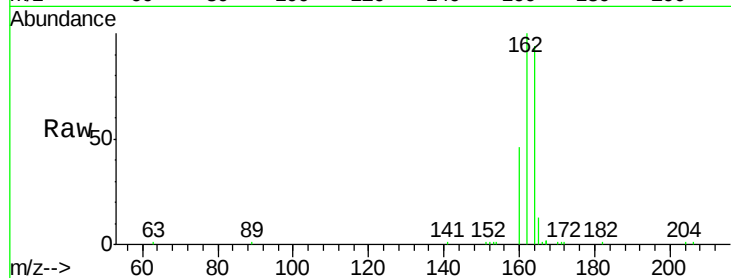




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE094945.D
Acq: 6 Dec 2017 9:17

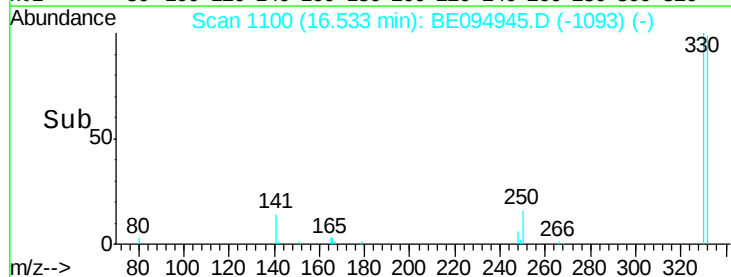
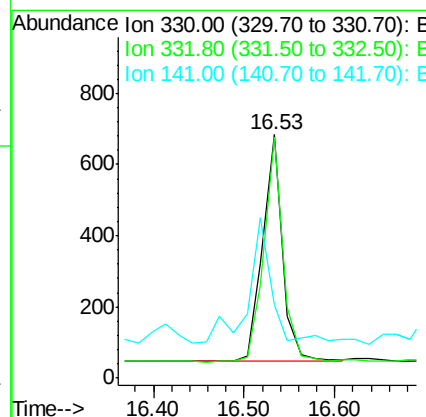
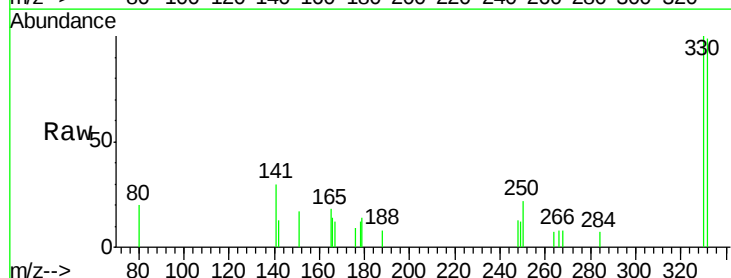
Instrument :
BNA_E
ClientSampled :

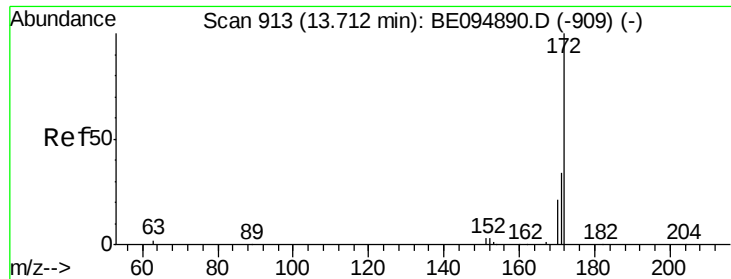
Tot Ion:164 Resp: 10731
Ion Ratio Lower Upper
164 100
162 106.3 83.1 124.7
160 49.0 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094945.D
Acq: 6 Dec 2017 9:17

Tgt Ion:330 Resp: 966
Ion Ratio Lower Upper
330 100
332 98.8 152.7 229.1#
141 63.4 33.7 50.5#

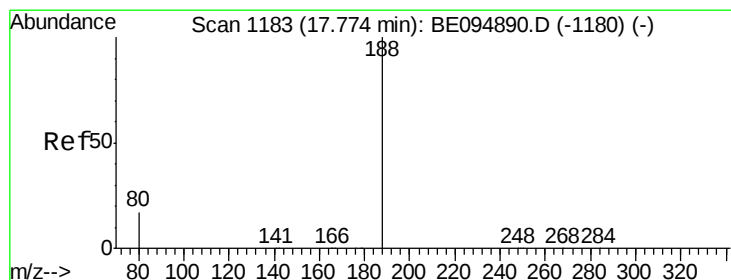
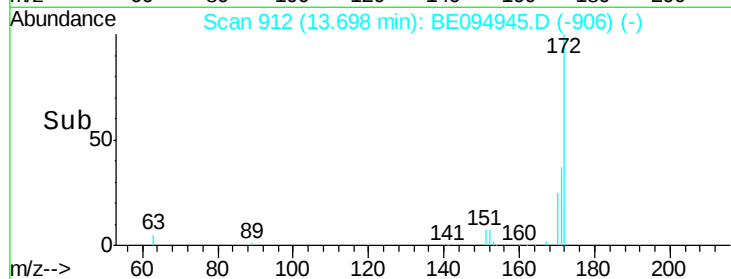
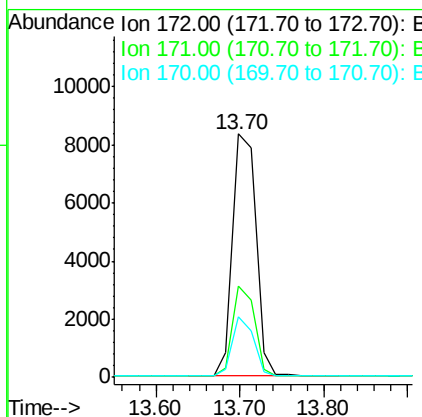
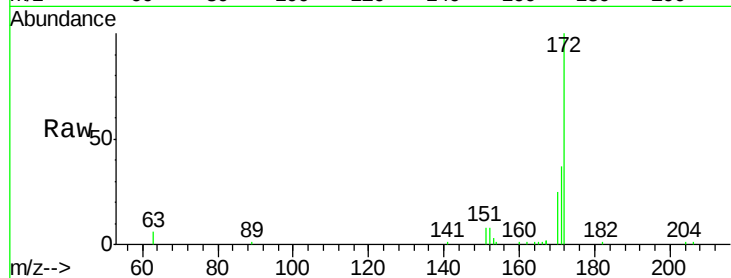




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.01 min
Lab File: BE094945.D
Acq: 6 Dec 2017 9:17

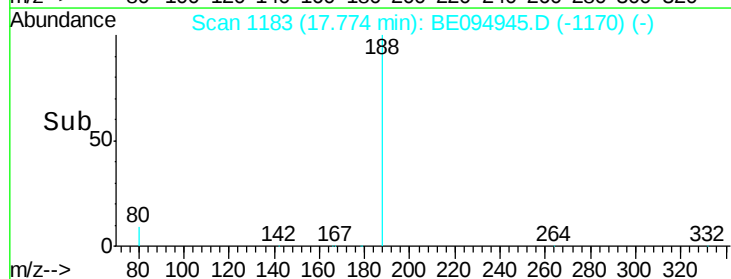
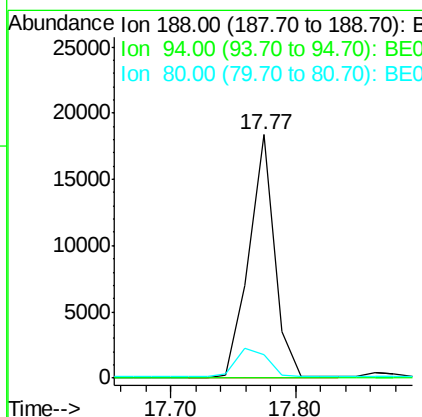
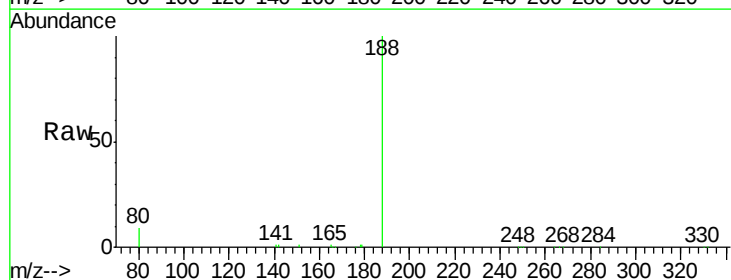
Instrument :
BNA_E
ClientSampled :

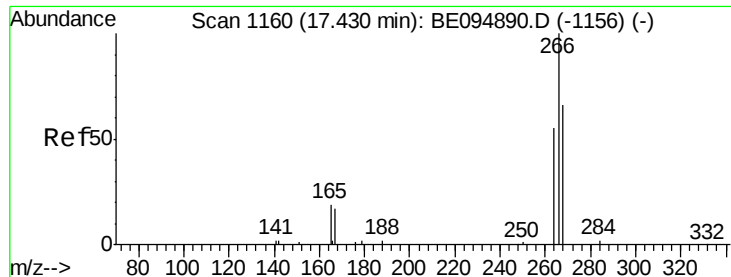
Tot Ion:172 Resp: 15943
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 25.0 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094945.D
Acq: 6 Dec 2017 9:17

Tgt Ion:188 Resp: 26112
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 9.4 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.138 ng

RT: 17.42 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Instrument :

BNA_E

ClientSampleId :

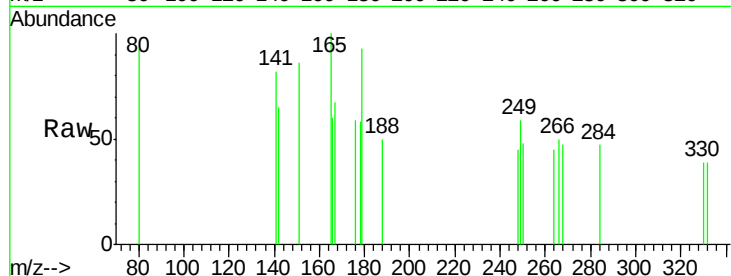
Tot Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 90.0 72.5 108.7

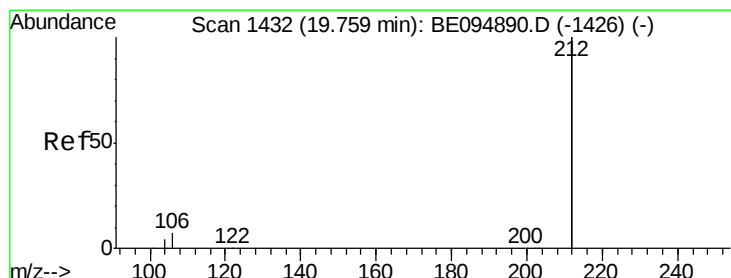
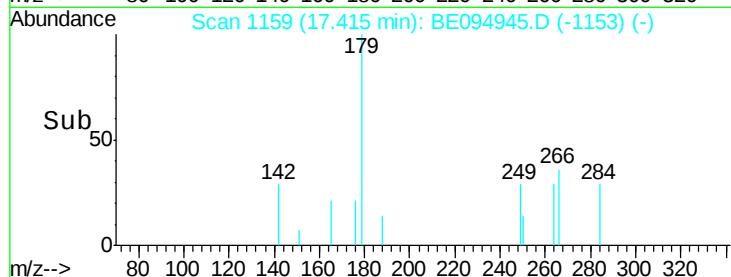
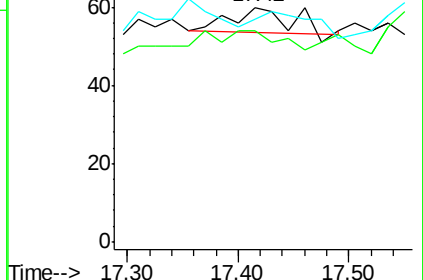
268 95.0 73.8 110.6



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



#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.75 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

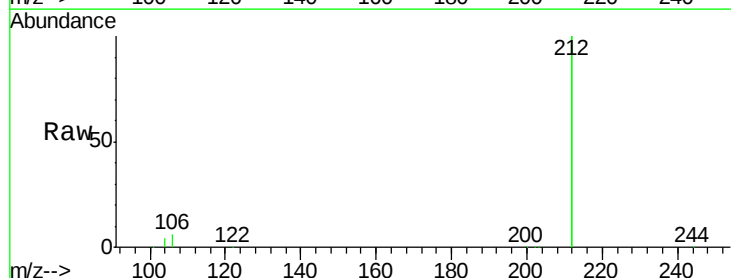
Tgt Ion:212 Resp: 116822

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

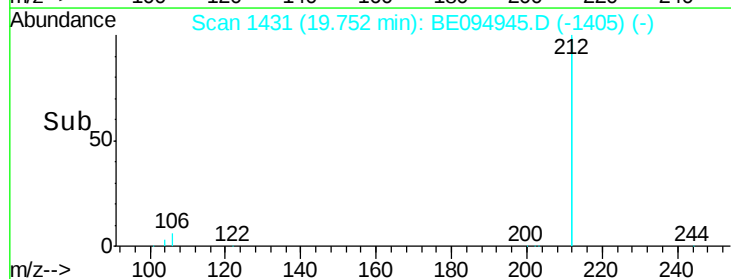
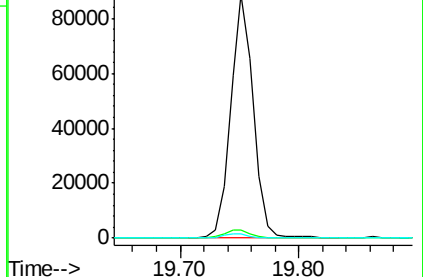
104 2.0 1.6 2.4

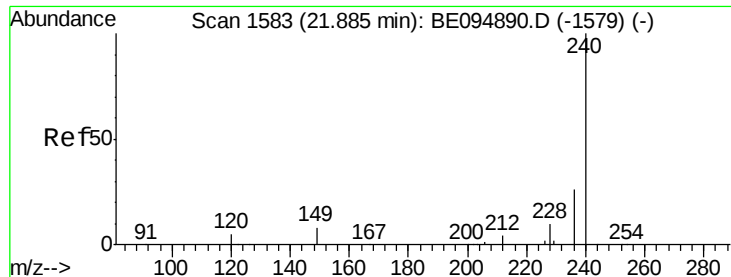


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.87 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Instrument :

BNA_E

ClientSampleId :

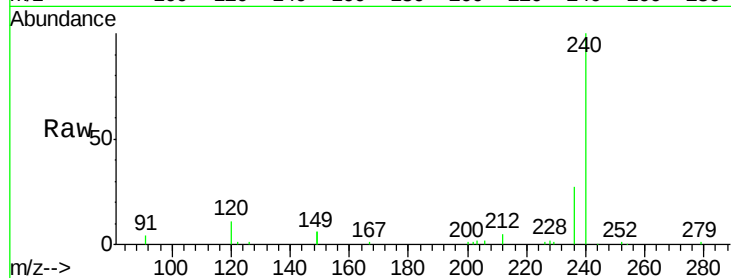
Tot Ion:240 Resp: 28136

Ion Ratio Lower Upper

240 100

120 11.3 5.5 8.3#

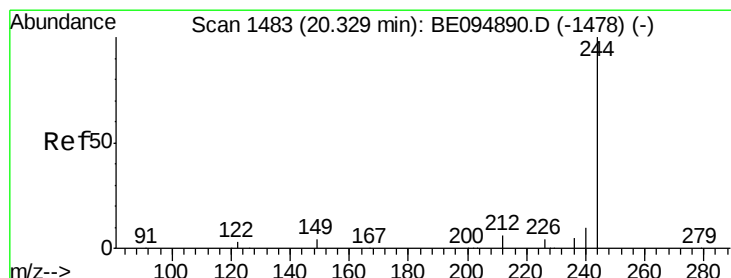
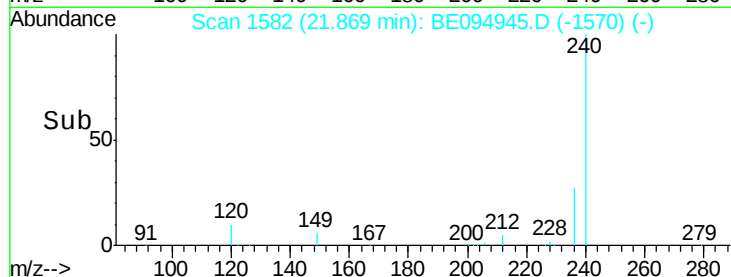
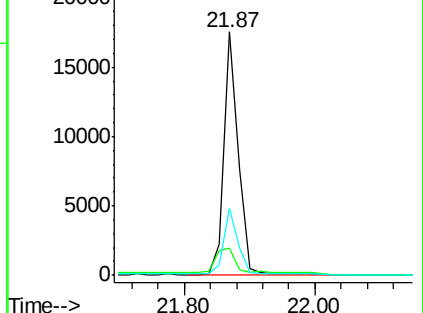
236 27.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.427 ng

RT: 20.31 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

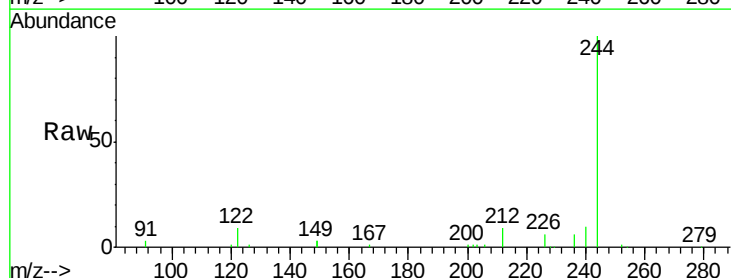
Tgt Ion:244 Resp: 22178

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

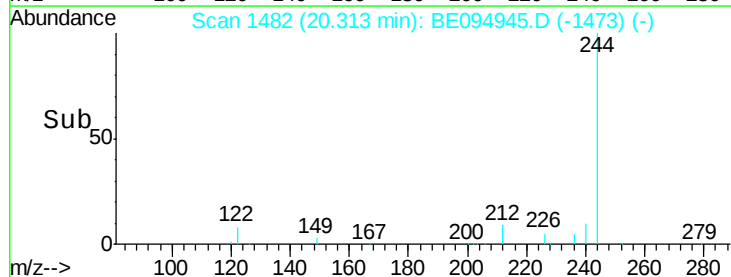
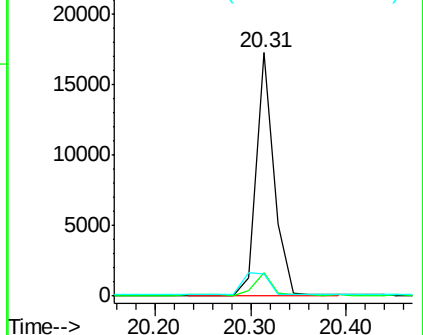
122 8.9 8.1 12.1

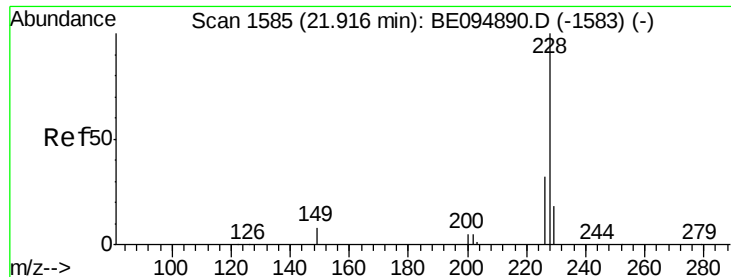


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Chrysene

Concen: 0.020 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Instrument :

BNA_E

ClientSampleId :

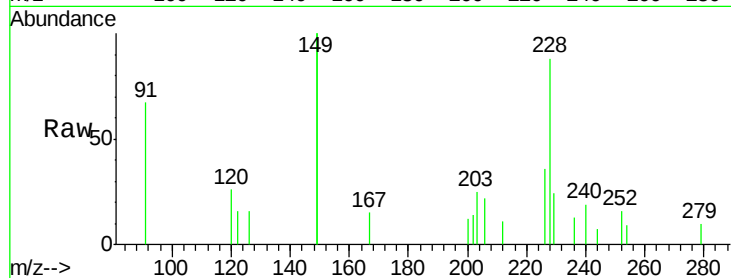
Tot Ion:228 Resp: 1947

Ion Ratio Lower Upper

228 100

226 40.5 40.0 60.0

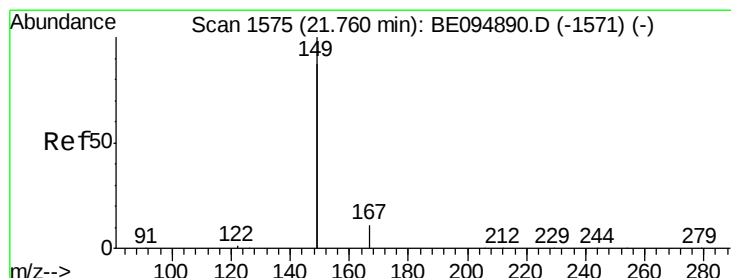
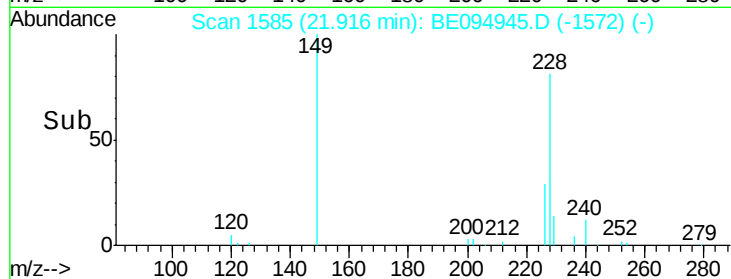
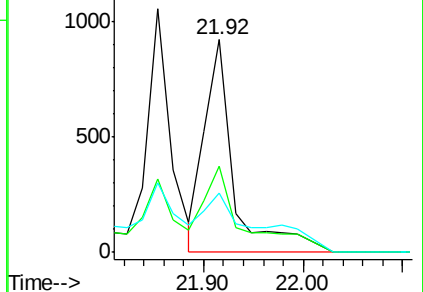
229 27.7 40.0 60.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.137 ng

RT: 21.74 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

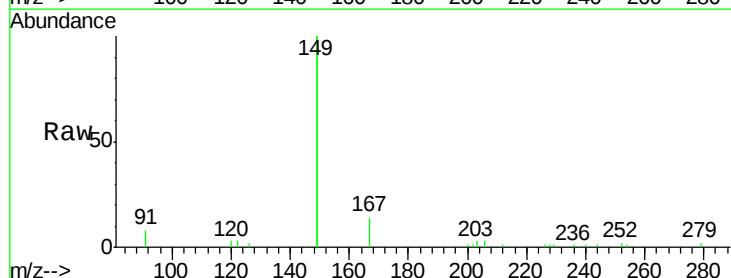
Tgt Ion:149 Resp: 19655

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

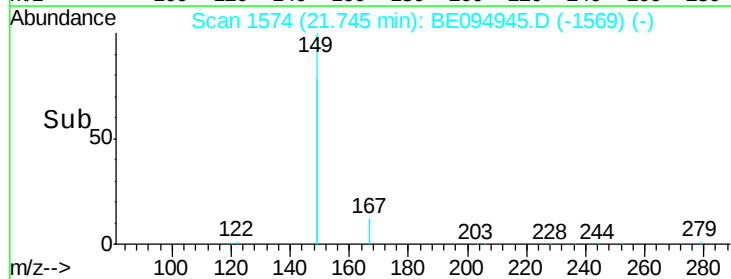
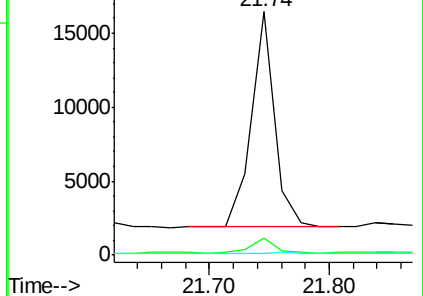
279 0.9 0.7 1.1

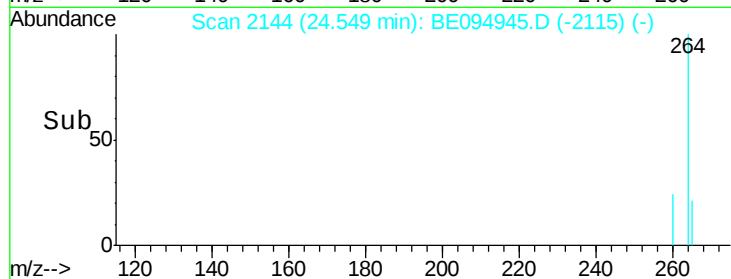
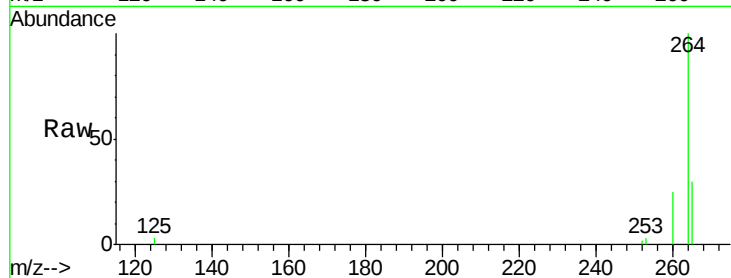
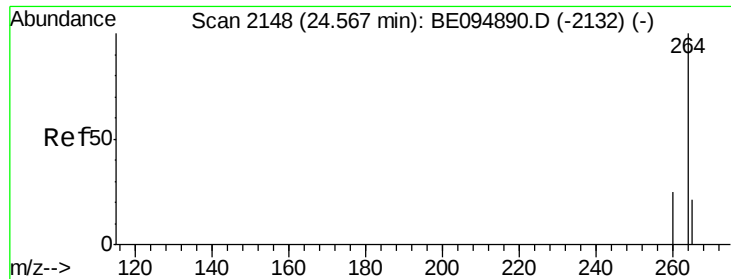


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.55 min Scan# 2144

Delta R.T. -0.02 min

Lab File: BE094945.D

Acq: 6 Dec 2017 9:17

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 22833

Ion Ratio Lower Upper

264 100

260 24.9 20.5 30.7

265 30.4 22.8 34.2

