

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062618\
 Data File : BE096847.D
 Acq On : 26 Jun 2018 11:44
 Operator : SJ/JU
 Sample : J3685-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 27 02:26:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 15:45:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2888	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13132	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6644	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	20003	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16559	0.40	ng	0.00
34) Perylene-d12	23.21	264	14722	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	995	0.15	ng	0.00
5) Phenol-d6	6.60	99	840	0.09	ng	0.00
8) Nitrobenzene-d5	8.53	82	3182	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7839	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	543	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	12927	0.53	ng	0.00
25) Fluoranthene-d10	18.81	212	85434	0.49	ng	0.00
29) Terphenyl-d14	19.44	244	22819	0.71	ng	0.00

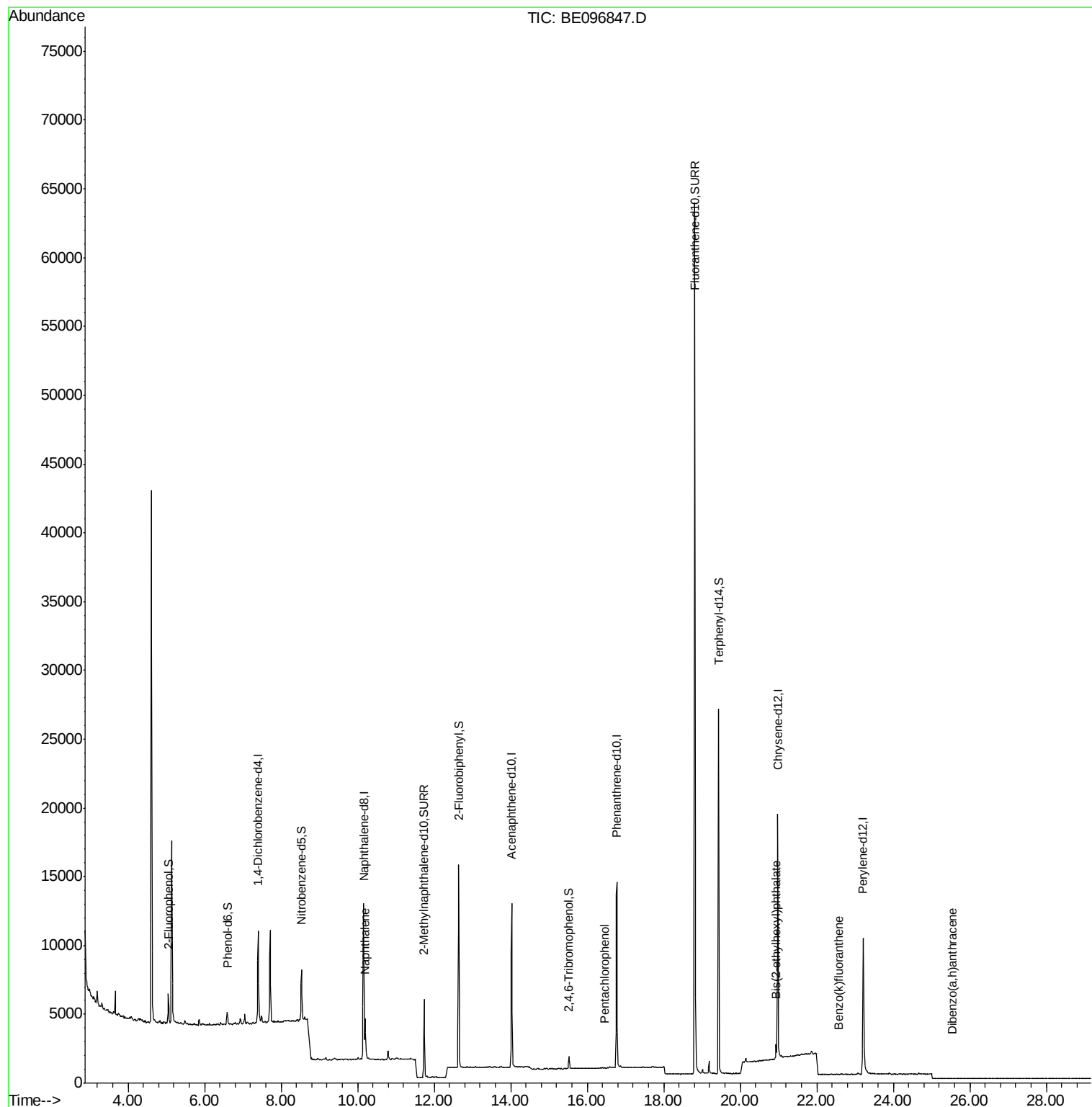
Target Compounds						Qvalue
9) Naphthalene	10.20	128	4465	0.037	ng	# 95
22) Pentachlorophenol	16.45	266	20	0.048	ng	# 97
32) Bis(2-ethylhexyl)phthalate	20.93	149	1434	0.044	ng	# 97
36) Benzo(k)fluoranthene	22.56	252	5	0.083	ng	# 1
38) Dibenzo(a,h)anthracene	25.54	278	4	0.109	ng	# 1

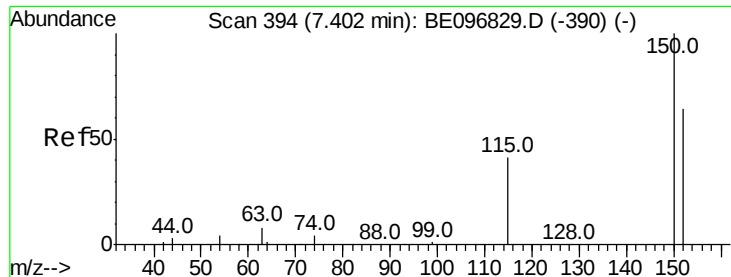
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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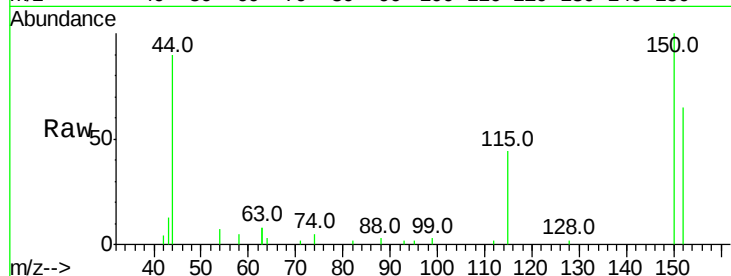


#1

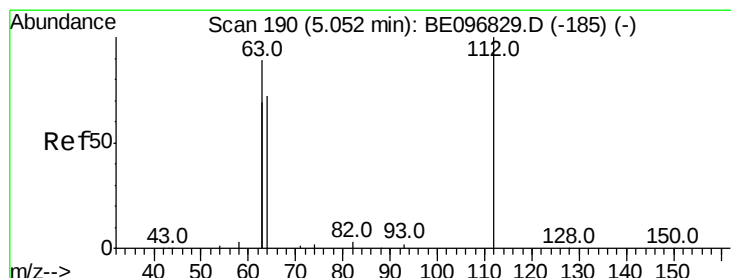
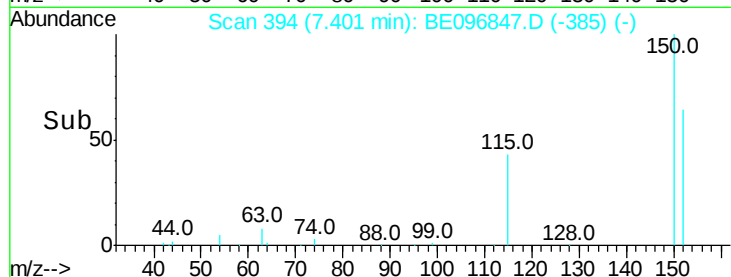
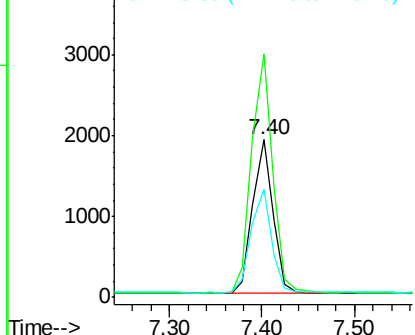
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2888
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 68.2 57.0 85.6



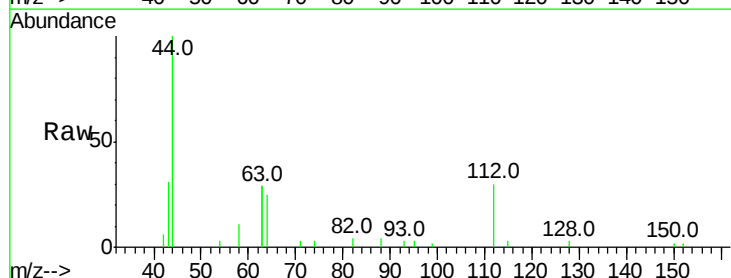
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



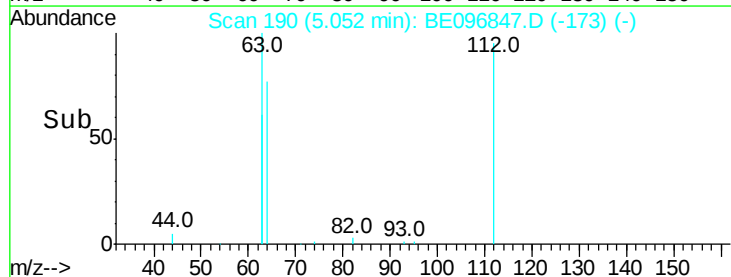
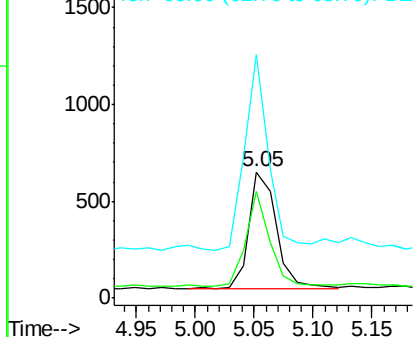
#4

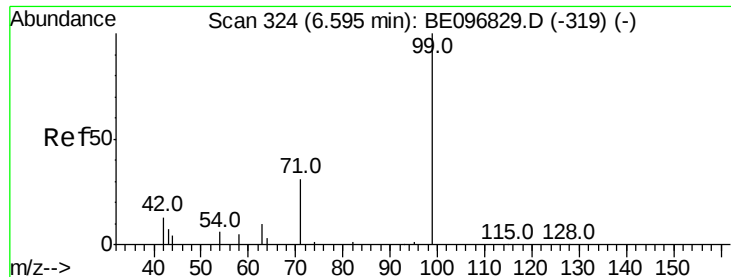
2-Fluorophenol
Concen: 0.154 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Tgt Ion:112 Resp: 995
Ion Ratio Lower Upper
112 100
64 70.9 60.1 90.1
63 143.5 116.8 175.2



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: 0.087 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

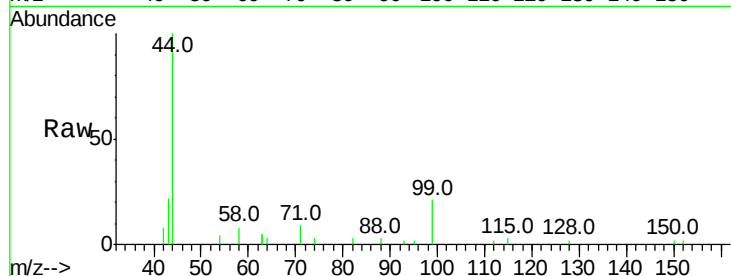
Tot Ion: 99 Resp: 840

Ion Ratio Lower Upper

99 100

42 22.4 20.2 30.2

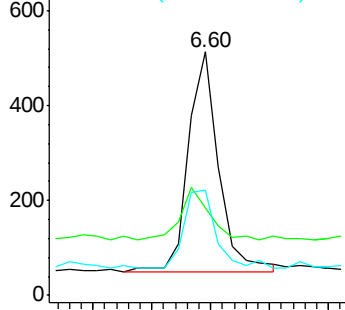
71 38.0 28.4 42.6



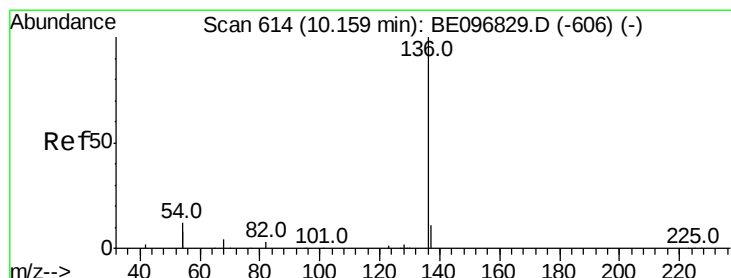
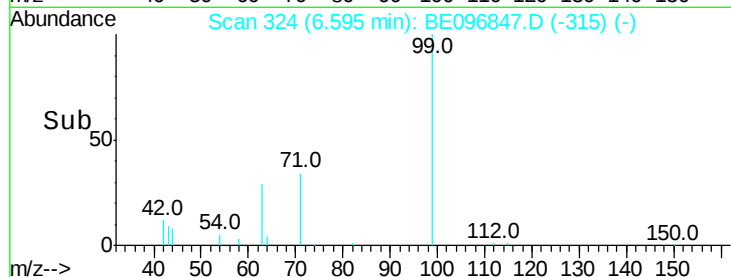
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Tgt Ion: 136 Resp: 13132

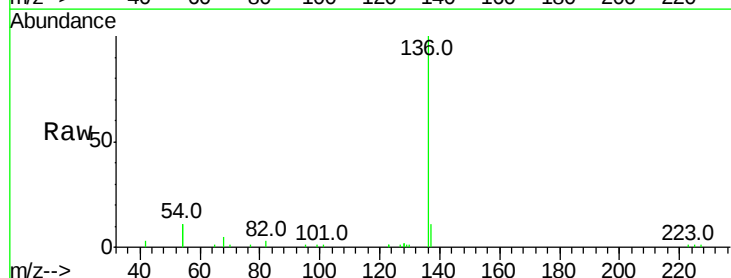
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 22.7 29.1 43.7#

68 4.9 6.2 9.2#

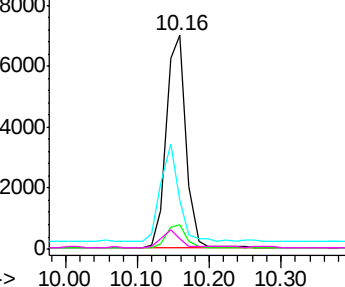


Abundance Ion 136.00 (135.70 to 136.70): E

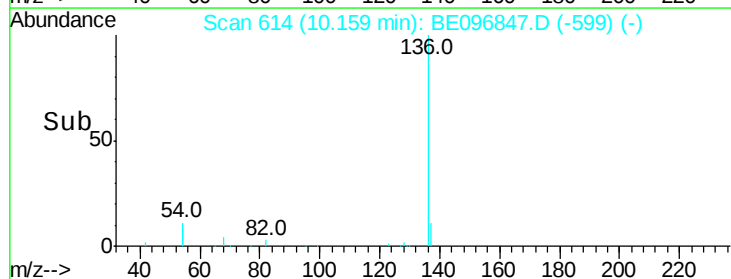
Ion 137.00 (136.70 to 137.70): E

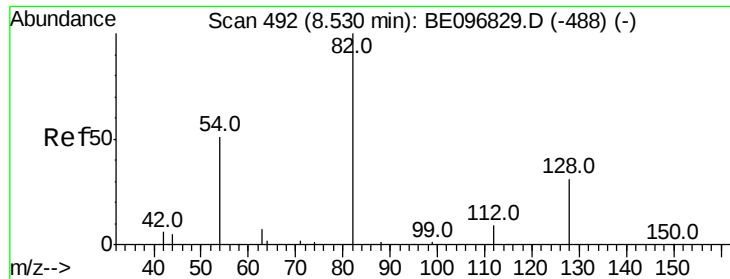
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

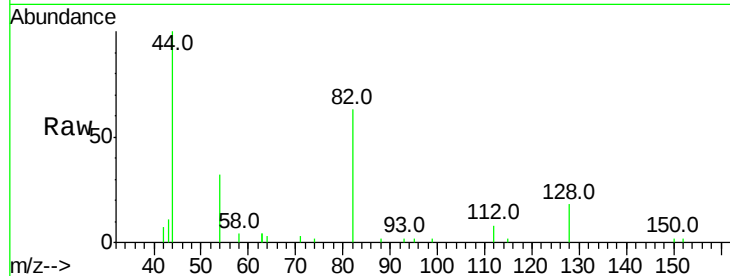




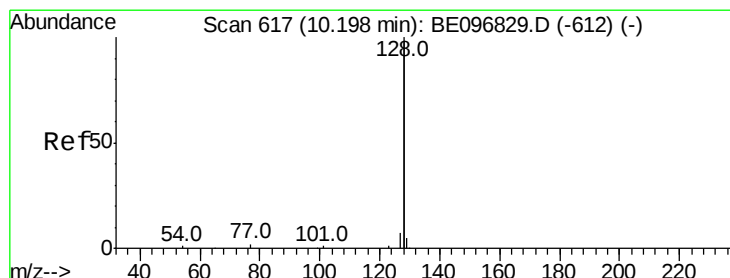
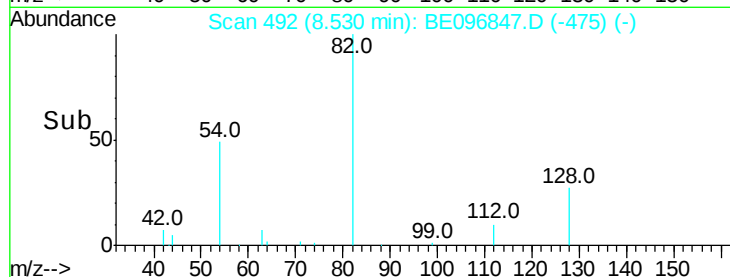
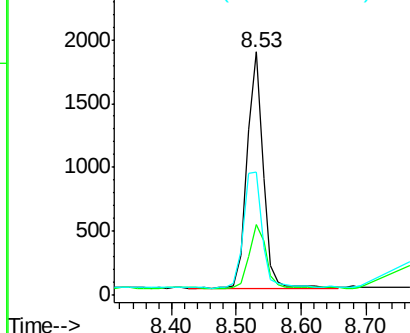
#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.53 min Scan# 492
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion	82	Resp	3182
Ion	Ratio	Lower	Upper
82	100		
128	29.1	24.0	36.0
54	50.8	40.0	60.0

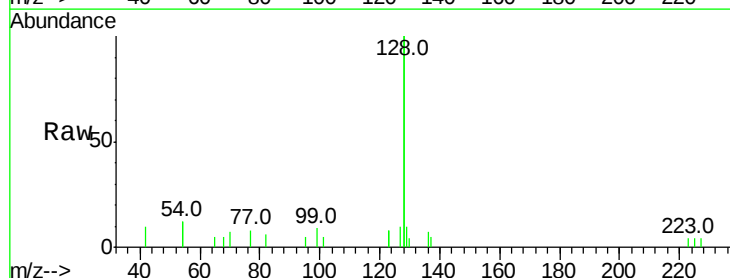


Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0

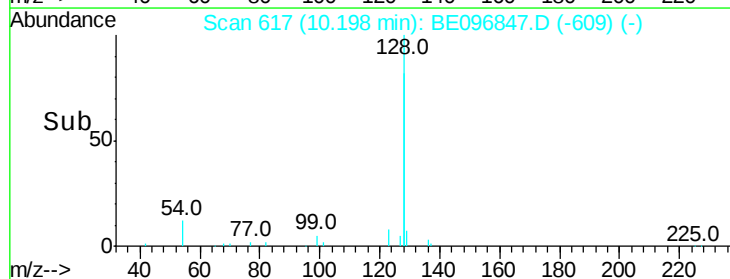
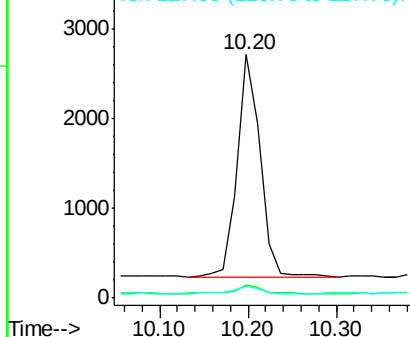


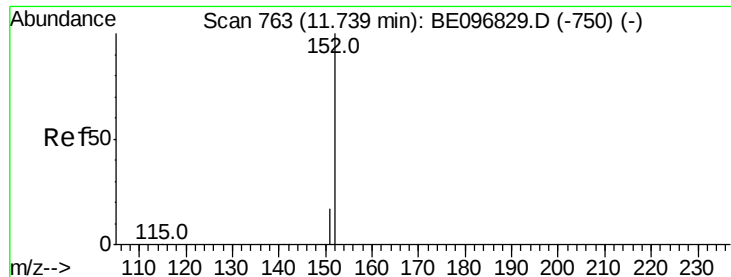
#9
Naphthalene
Concen: 0.037 ng
RT: 10.20 min Scan# 617
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Tgt Ion	128	Resp	4465
Ion	Ratio	Lower	Upper
128	100		
129	5.2	2.6	3.8#
127	4.8	2.8	4.2#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

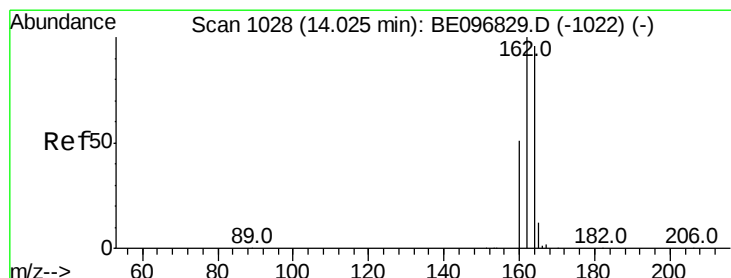
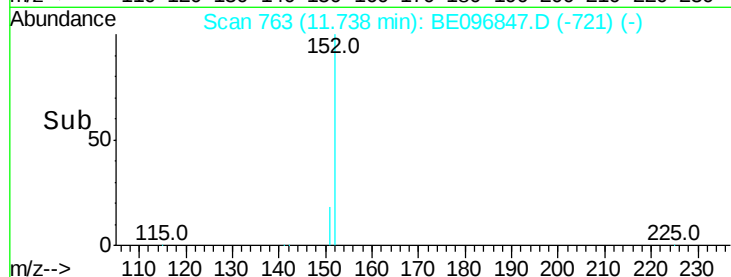
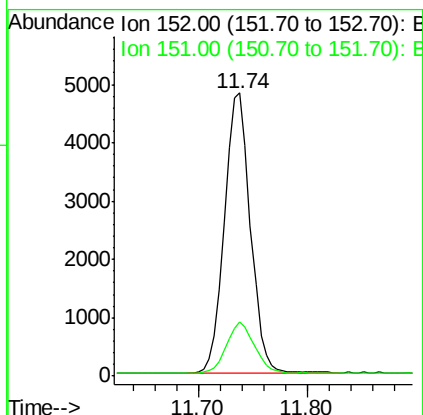
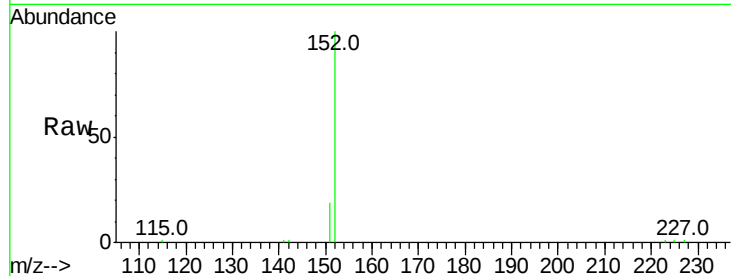




#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 11.74 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

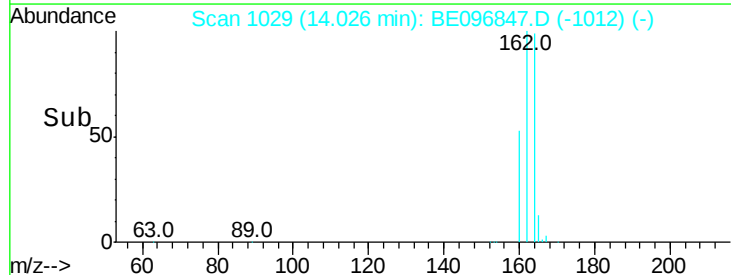
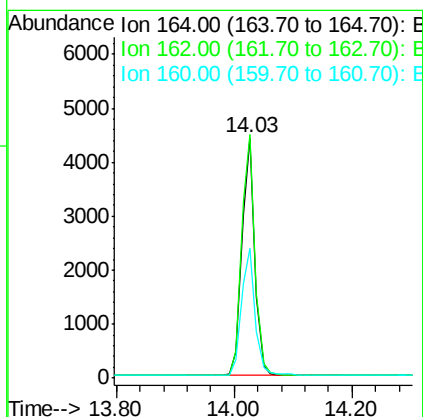
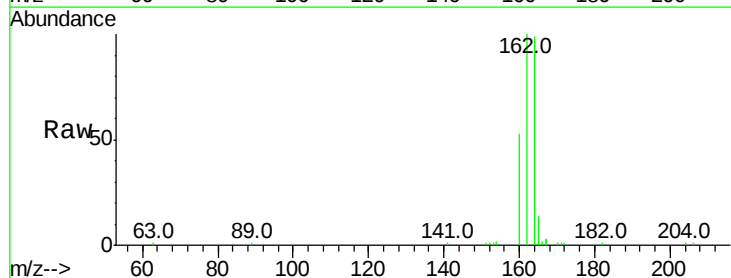
Instrument :
BNA_E
ClientSampled :

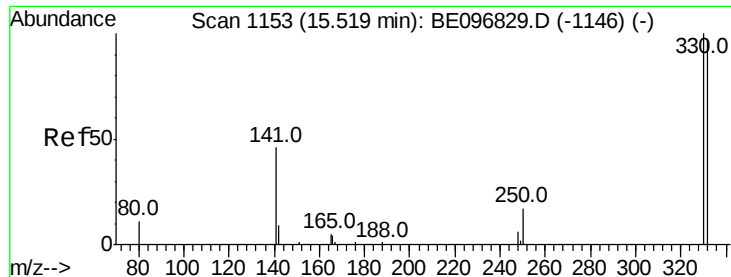
Tot Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Tgt Ion:164 Resp: 6644
Ion Ratio Lower Upper
164 100
162 101.5 83.1 124.7
160 54.1 37.1 55.7

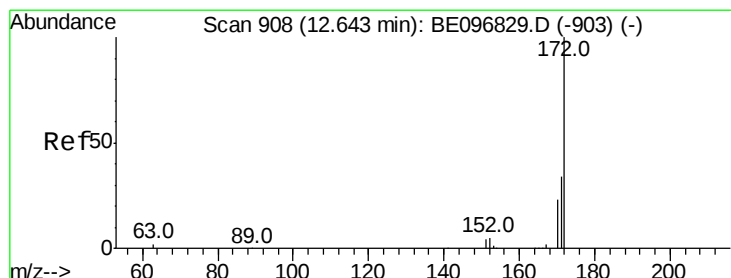
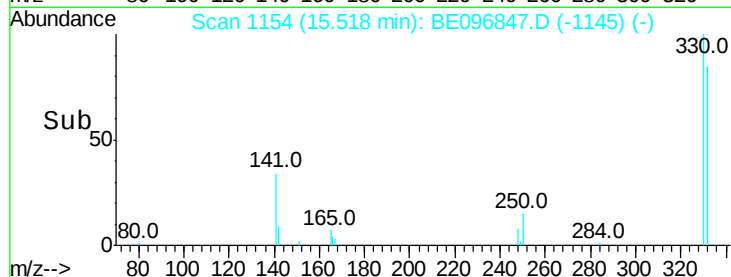
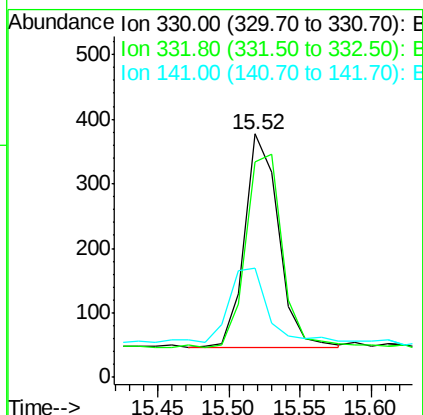
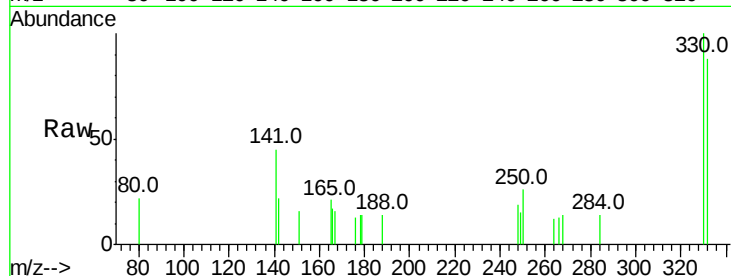




#14
 2,4,6-Tribromophenol
 Concen: 0.398 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE096847.D
 Acq: 26 Jun 2018 11:44

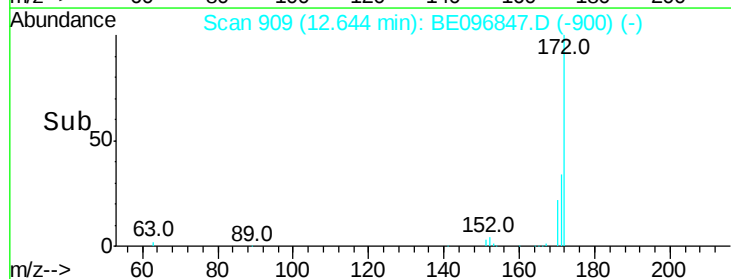
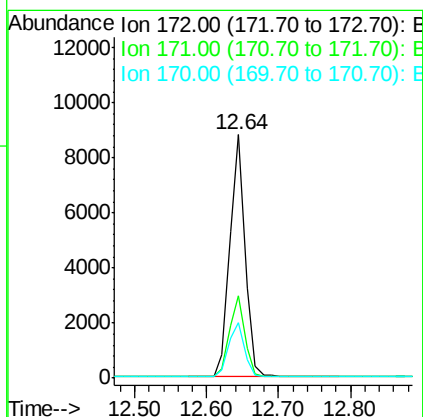
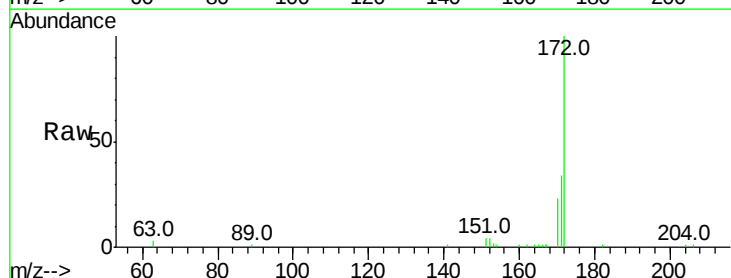
Instrument :
 BNA_E
 ClientSampleId :

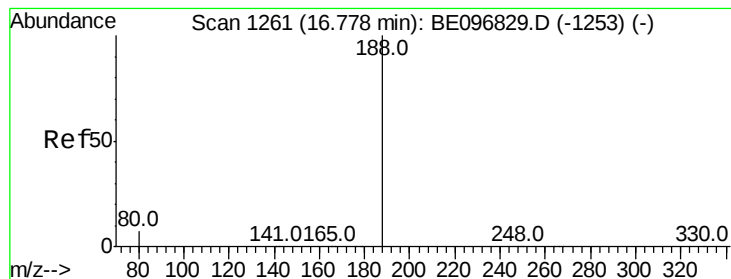
Tot Ion:330 Resp: 543
 Ion Ratio Lower Upper
 330 100
 332 98.9 152.7 229.1#
 141 40.1 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.532 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE096847.D
 Acq: 26 Jun 2018 11:44

Tgt Ion:172 Resp: 12927
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.9 44.9
 170 22.9 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

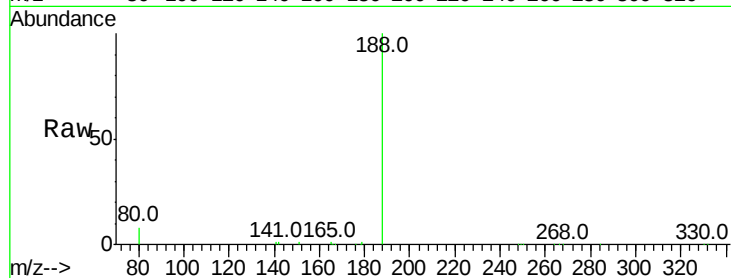
Tot Ion:188 Resp: 20003

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

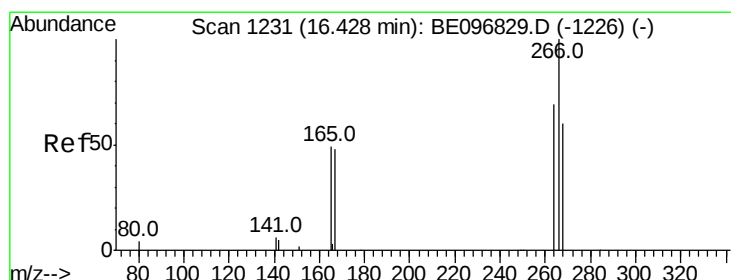
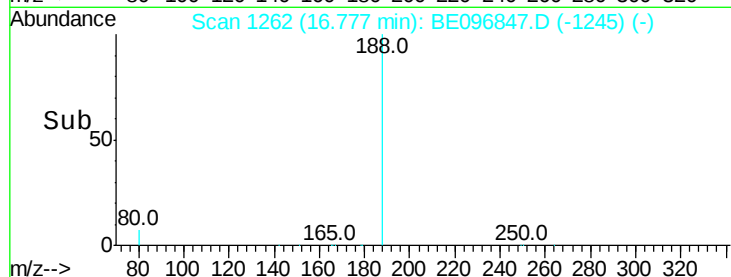
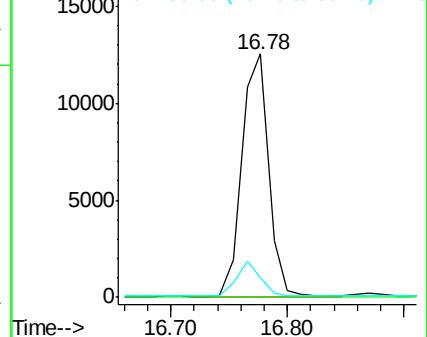
80 7.9 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.048 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

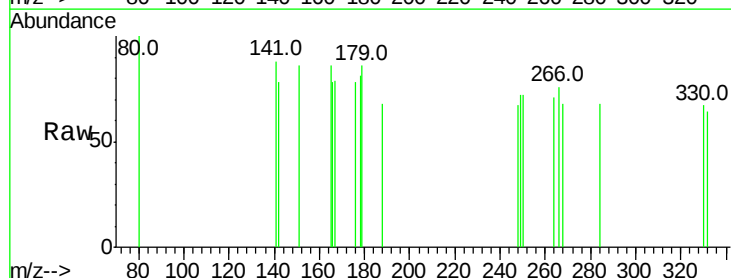
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 92.7 72.5 108.7

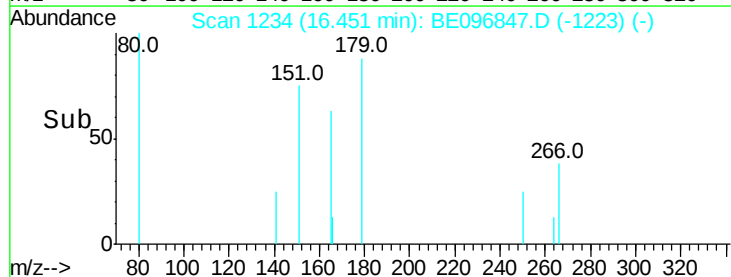
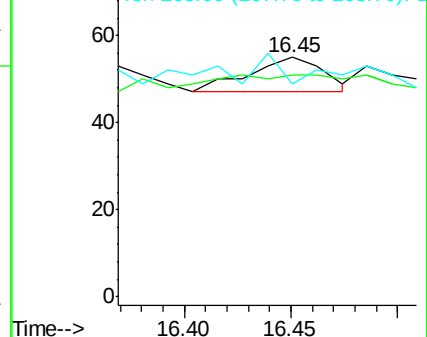
268 89.1 73.8 110.6

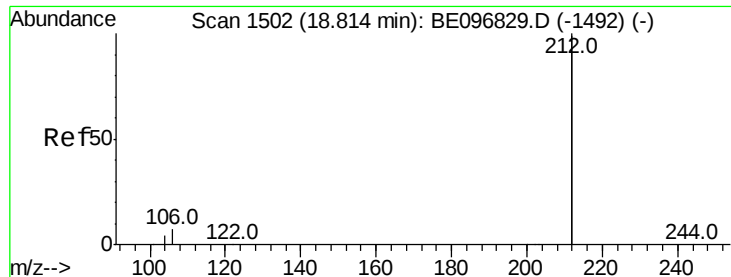


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.485 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

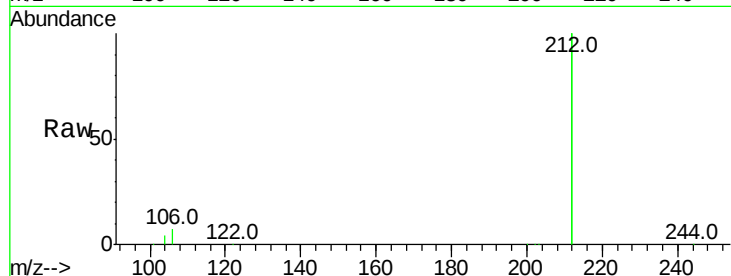
Tot Ion:212 Resp: 85434

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

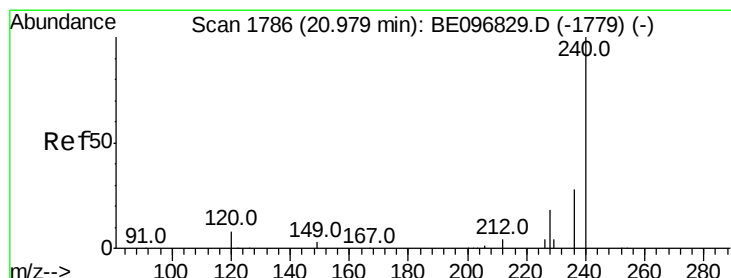
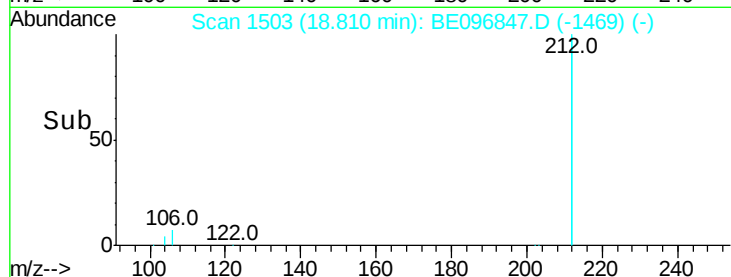
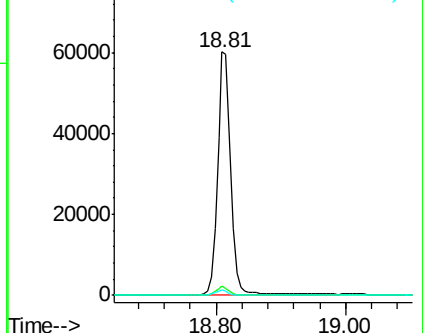
104 1.9 1.6 2.4



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: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

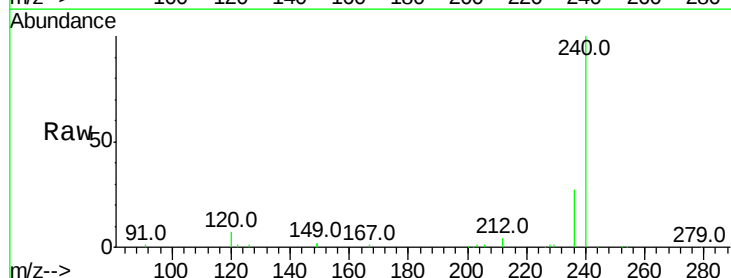
Tgt Ion:240 Resp: 16559

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

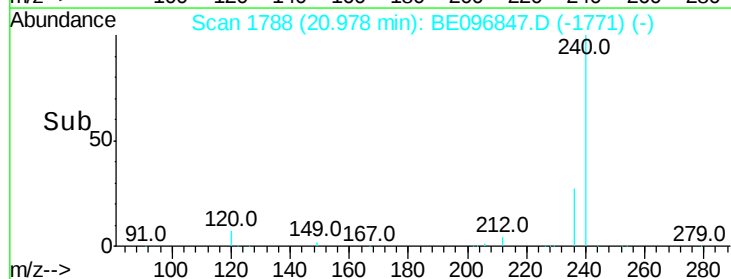
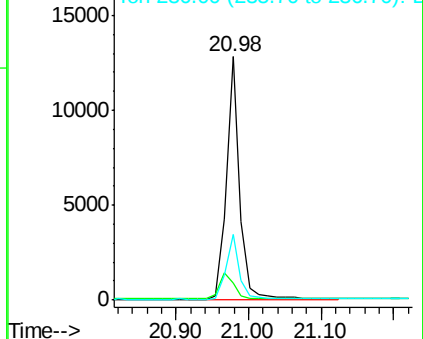
236 27.0 20.7 31.1

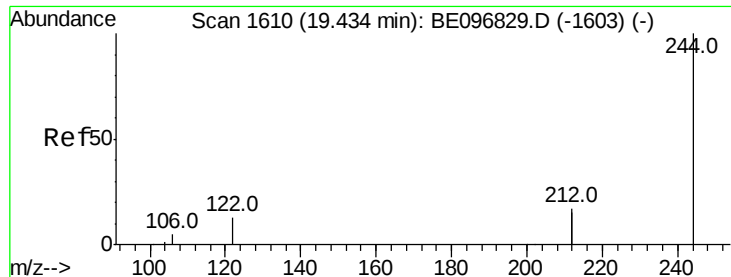


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.714 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampled :

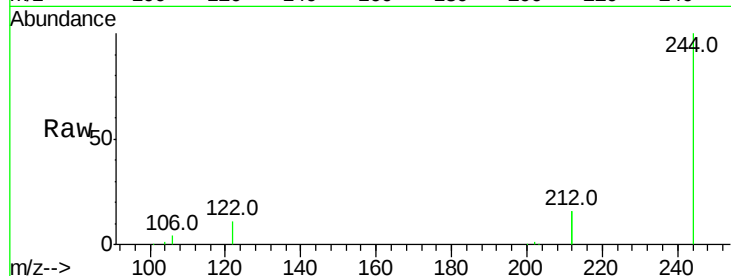
Tot Ion:244 Resp: 22819

Ion Ratio Lower Upper

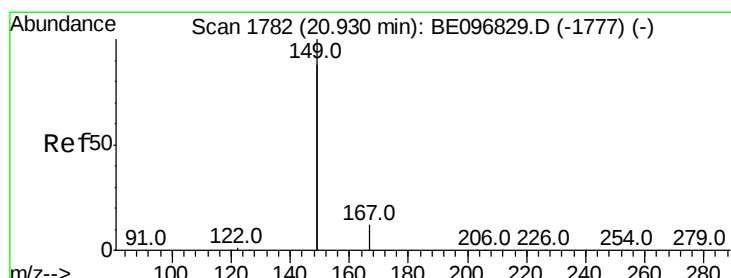
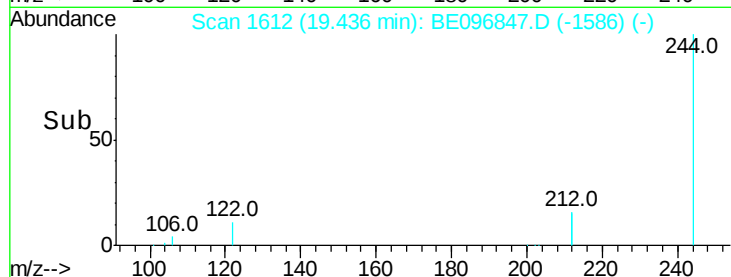
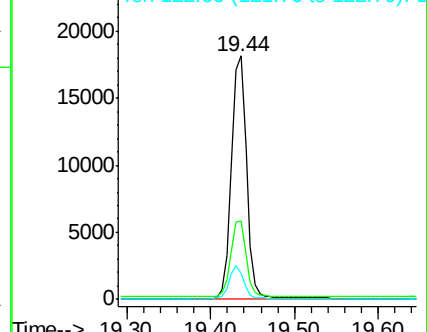
244 100

212 32.1 25.4 38.0

122 10.8 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.044 ng

RT: 20.93 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

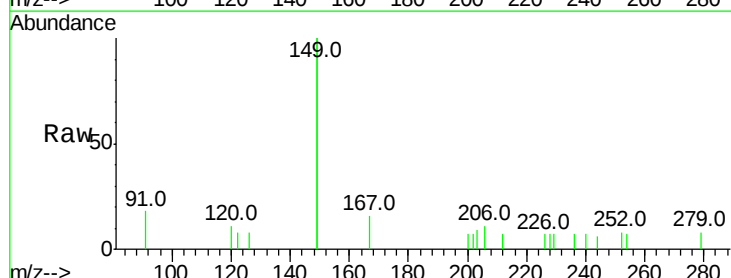
Tgt Ion:149 Resp: 1434

Ion Ratio Lower Upper

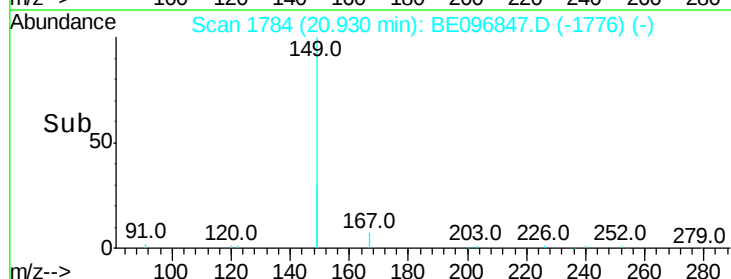
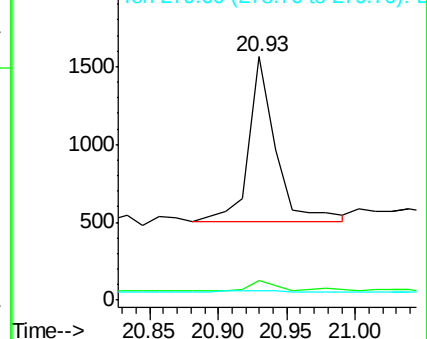
149 100

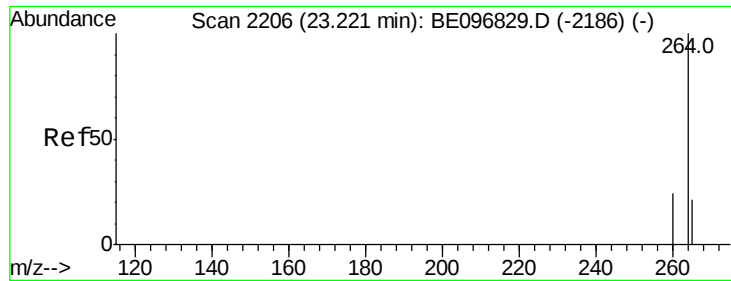
167 5.5 5.4 8.0

279 2.4 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

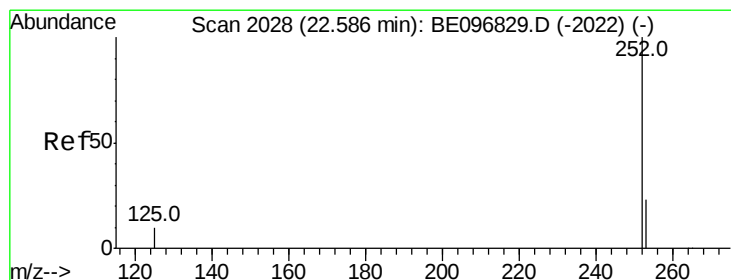
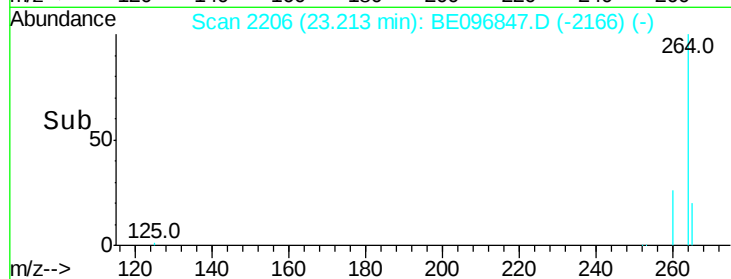
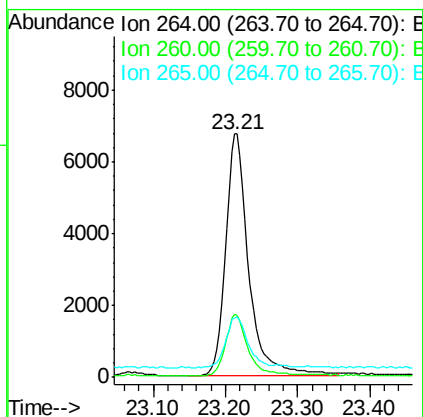
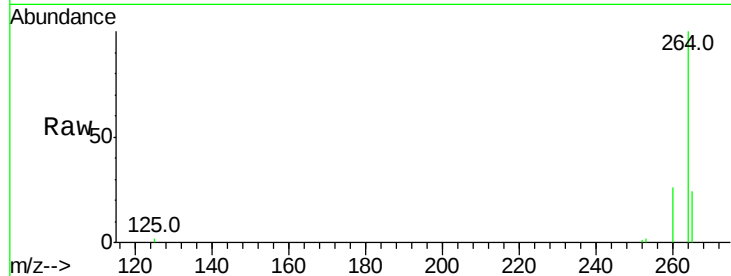




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

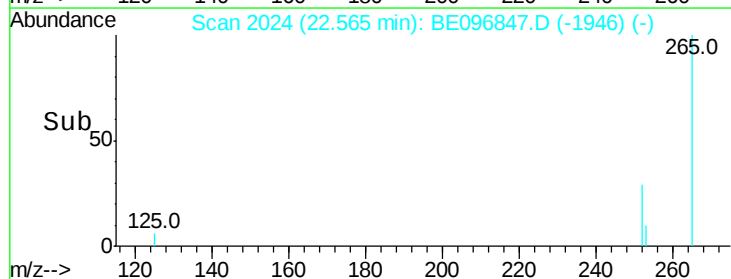
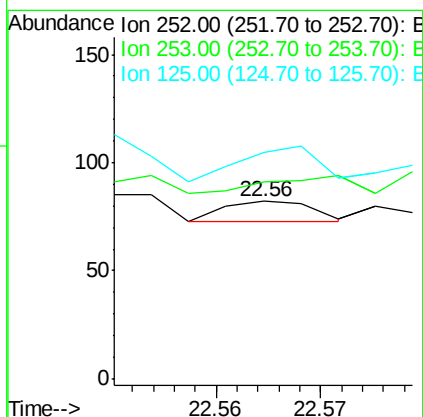
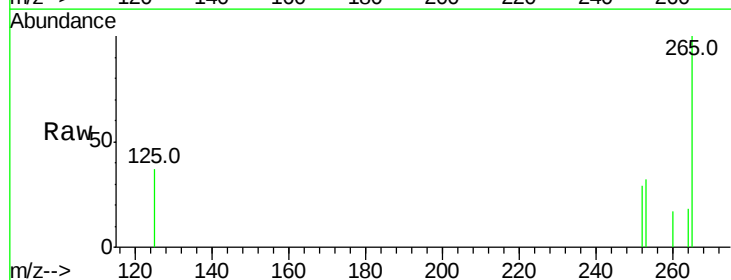
Instrument :
BNA_E
ClientSampleId :

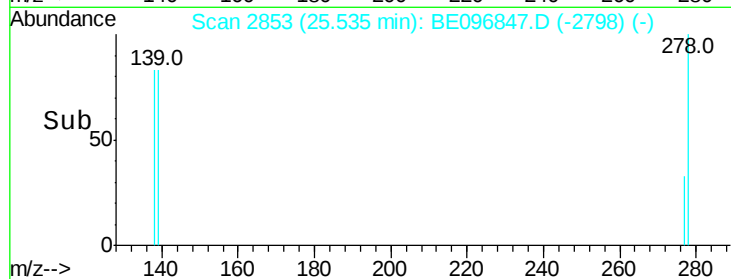
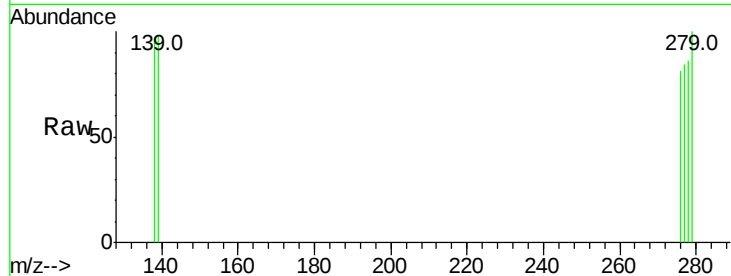
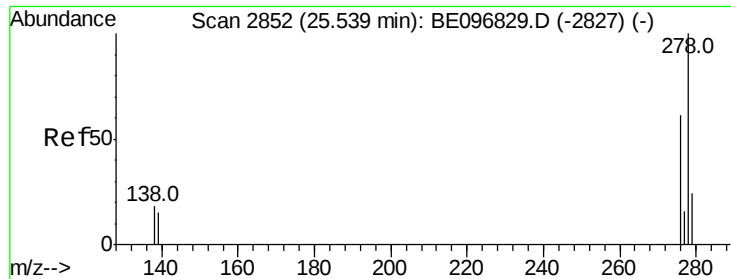
Tot Ion:264 Resp: 14722
Ion Ratio Lower Upper
264 100
260 26.2 20.5 30.7
265 24.2 22.8 34.2



#36
Benzo(k)fluoranthene
Concen: 0.083 ng
RT: 22.56 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BE096847.D
Acq: 26 Jun 2018 11:44

Tgt Ion:252 Resp: 5
Ion Ratio Lower Upper
252 100
253 111.0 16.0 24.0#
125 128.0 8.0 12.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.109 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE096847.D

Acq: 26 Jun 2018 11:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:278	Resp:	4
Ion Ratio	Lower	Upper
278	100	
139	114.8	16.0 24.0#
279	116.7	20.0 30.0#

