

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061818\
 Data File : BE096815.D
 Acq On : 18 Jun 2018 19:12
 Operator : SJ/JU
 Sample : J3467-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 19 01:25:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 18 13:28:13 2018
 Response via : Initial Calibration

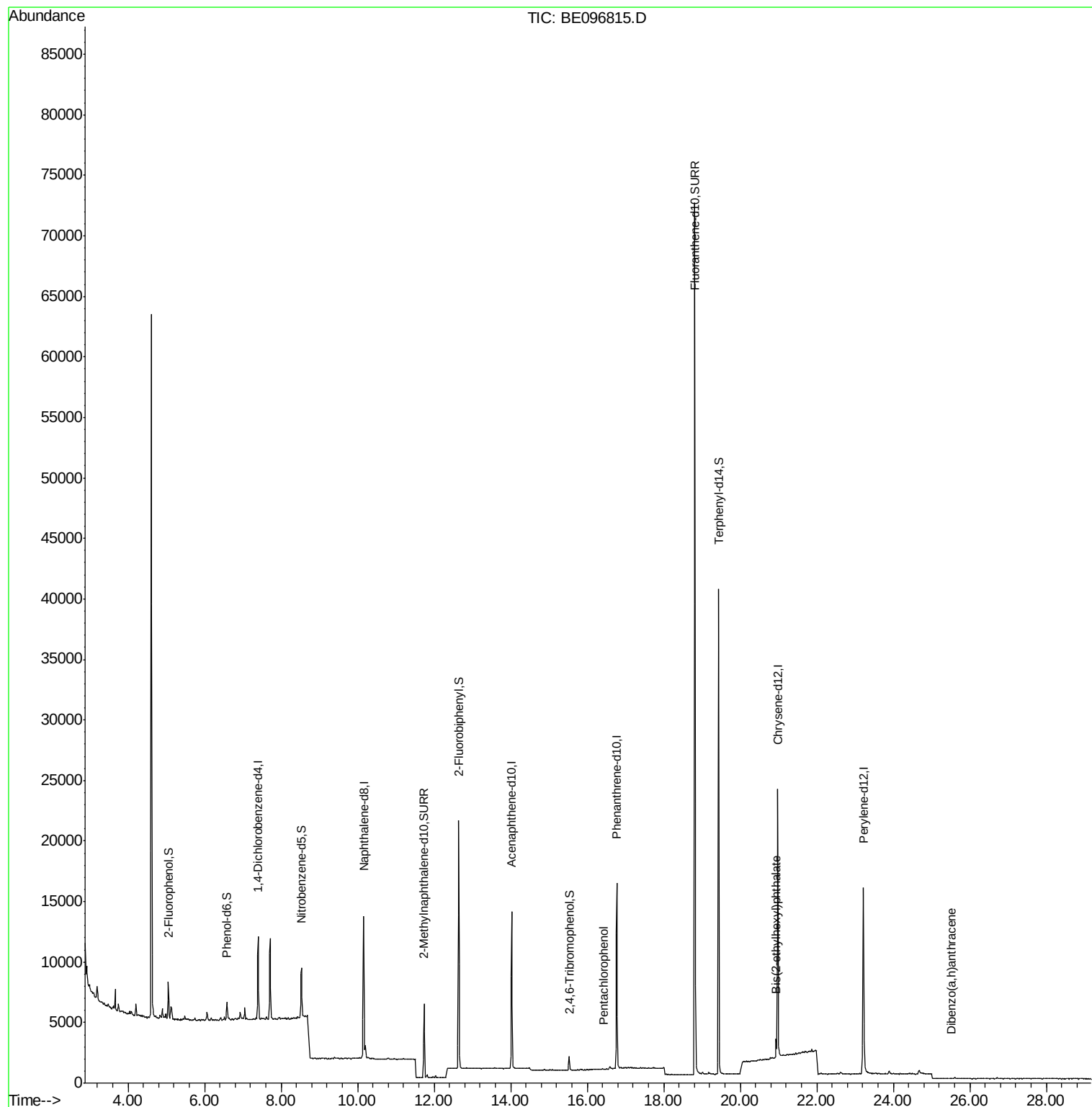
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3071	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	14040	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7039	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	20492	0.40	ng	0.00
27) Chrysene-d12	20.98	240	20546	0.40	ng	0.00
34) Perylene-d12	23.22	264	21163	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1422	0.21	ng	0.00
5) Phenol-d6	6.59	99	1237	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	3601	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	8319	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	697	0.45	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	17779	0.61	ng	0.00
25) Fluoranthene-d10	18.82	212	93041	0.46	ng	0.00
29) Terphenyl-d14	19.44	244	32578	0.70	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.43	266	27	0.102	ng	93
32) Bis(2-ethylhexyl)phthalate	20.93	149	2115	0.057	ng	# 97
38) Dibenzo(a,h)anthracene	25.53	278	4	0.077	ng	# 1

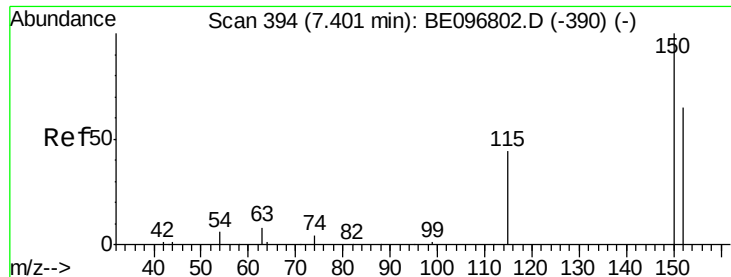
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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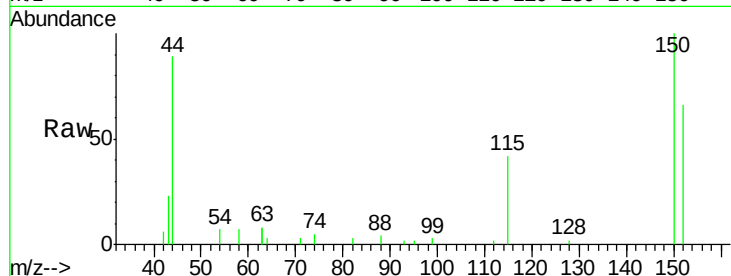


#1

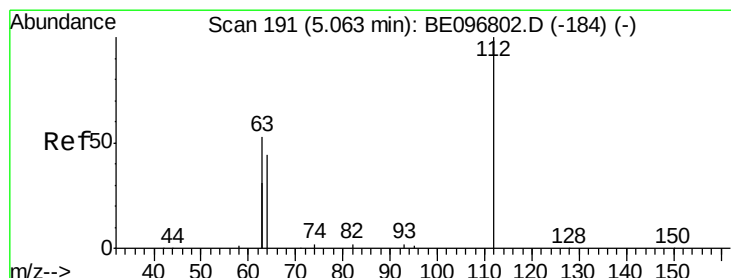
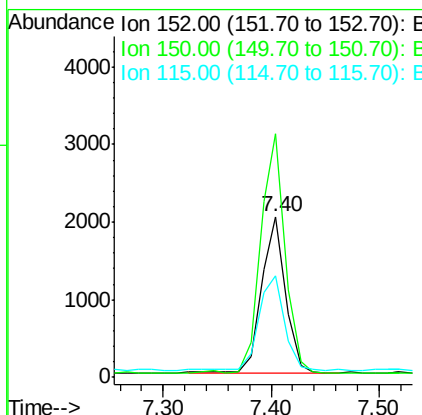
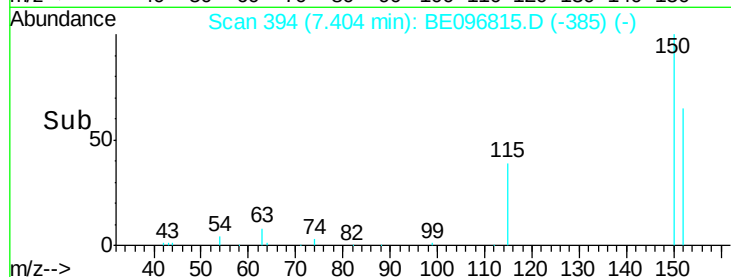
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096815.D
Acq: 18 Jun 2018 19:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3071
Ion Ratio Lower Upper
152 100
150 151.8 117.2 175.8
115 63.4 57.0 85.6



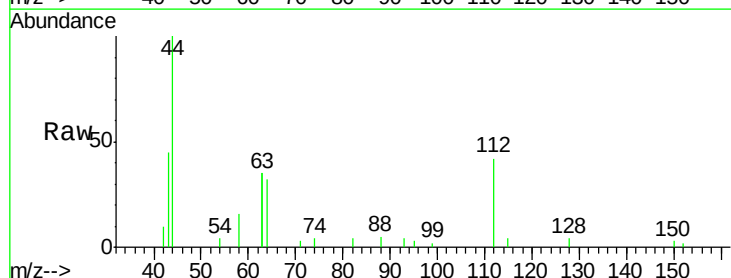
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



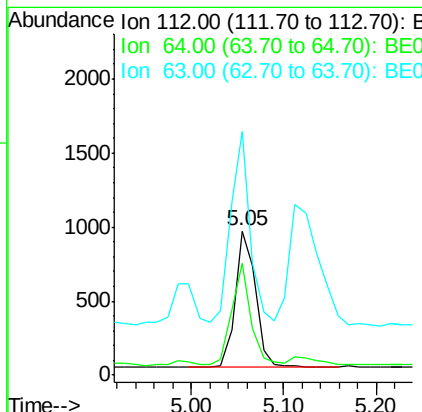
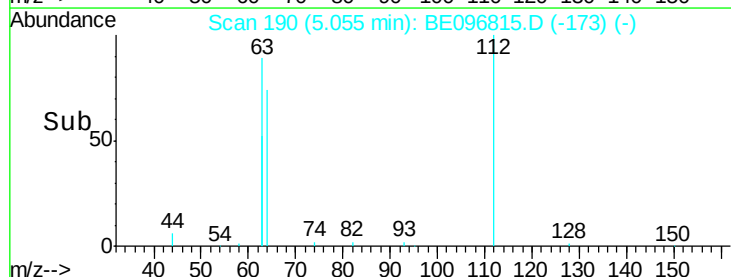
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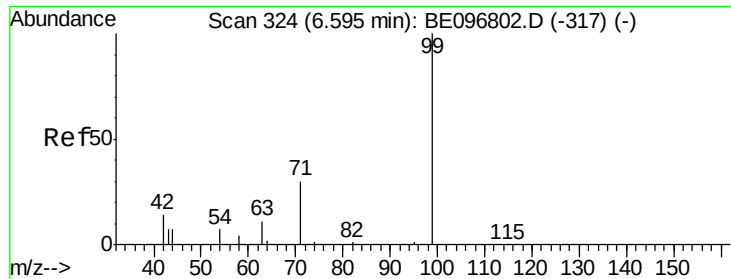
2-Fluorophenol
Concen: 0.212 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.01 min
Lab File: BE096815.D
Acq: 18 Jun 2018 19:12

Tgt Ion:112 Resp: 1422
Ion Ratio Lower Upper
112 100
64 69.3 60.1 90.1
63 134.9 116.8 175.2



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: 0.123 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096815.D

Acq: 18 Jun 2018 19:12

Instrument :

BNA_E

ClientSampleId :

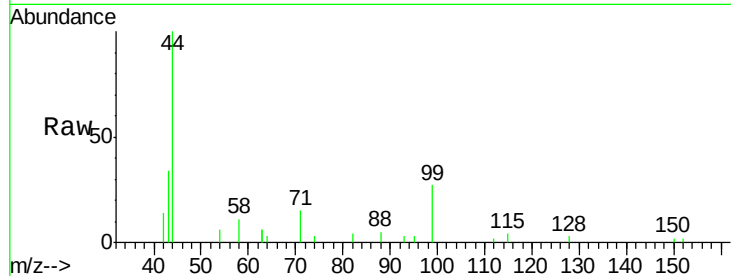
Tot Ion: 99 Resp: 1237

Ion Ratio Lower Upper

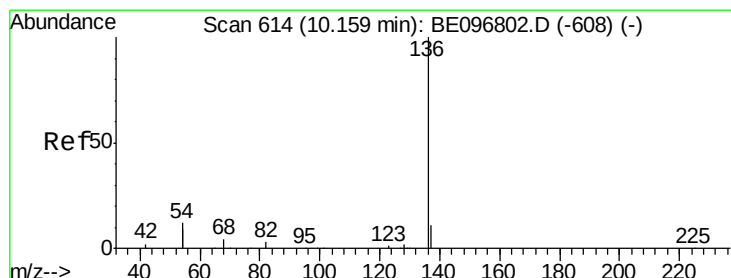
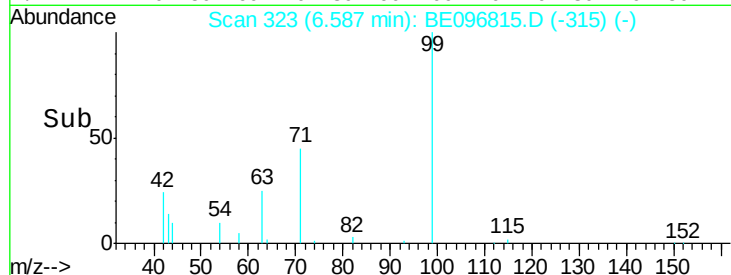
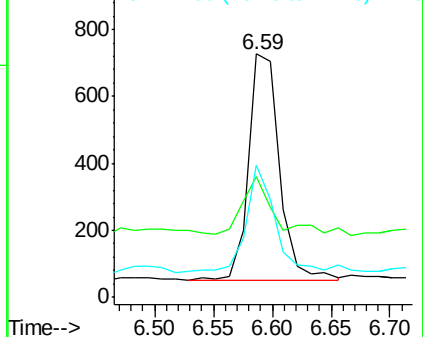
99 100

42 23.8 20.2 30.2

71 45.4 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: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096815.D

Acq: 18 Jun 2018 19:12

Tgt Ion: 136 Resp: 14040

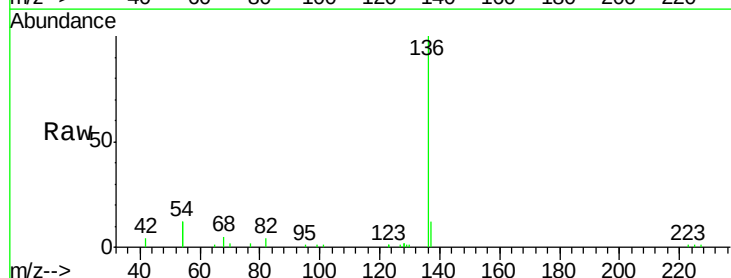
Ion Ratio Lower Upper

136 100

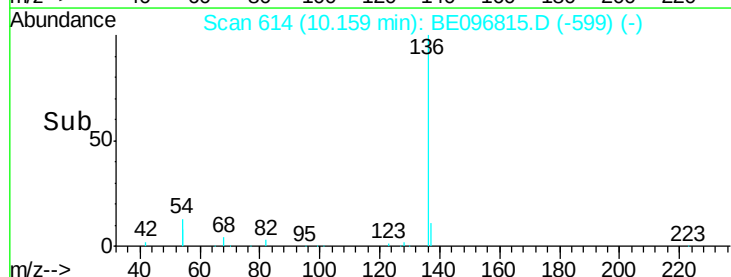
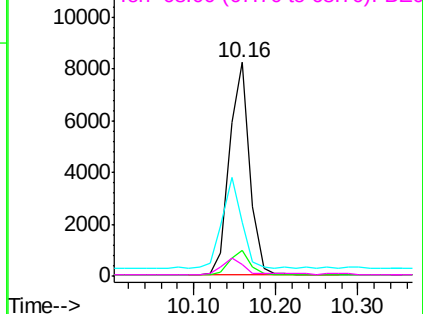
137 11.8 9.5 14.3

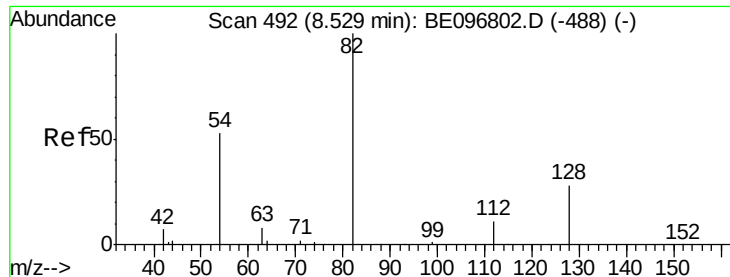
54 25.0 29.1 43.7#

68 5.1 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

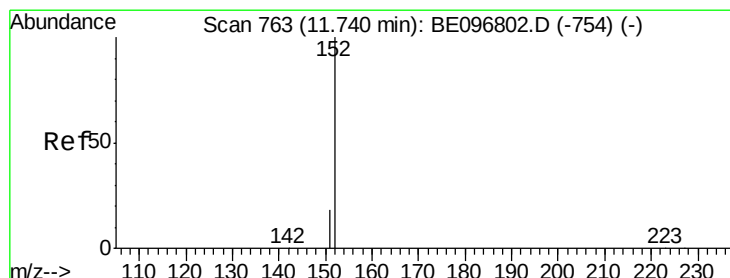
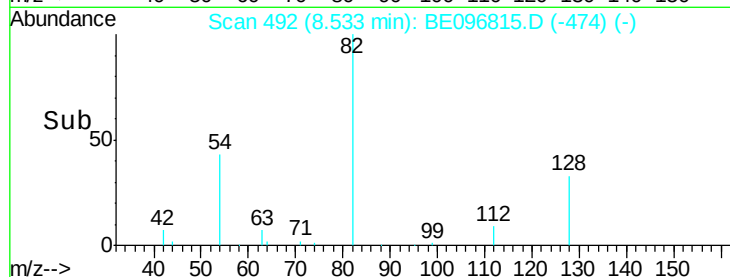
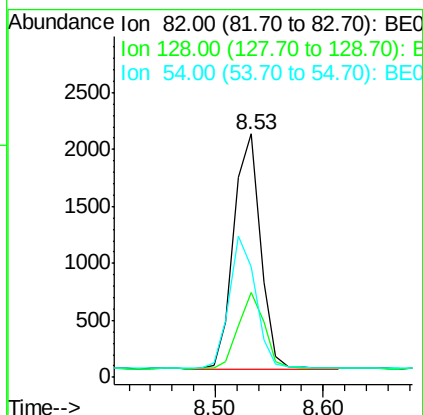
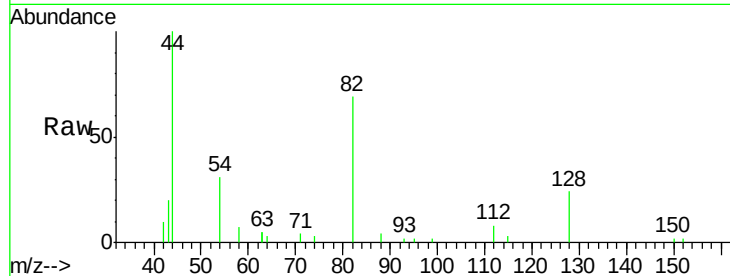




#8
 Nitrobenzene-d5
 Concen: 0.461 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BE096815.D
 Acq: 18 Jun 2018 19:12

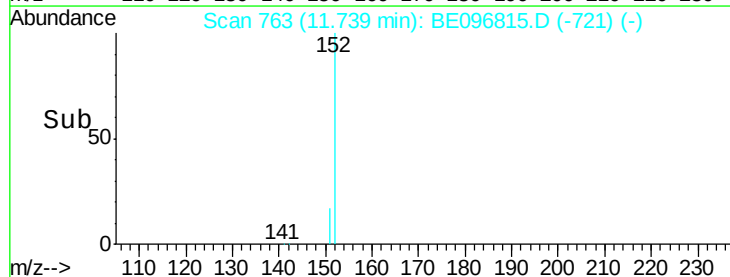
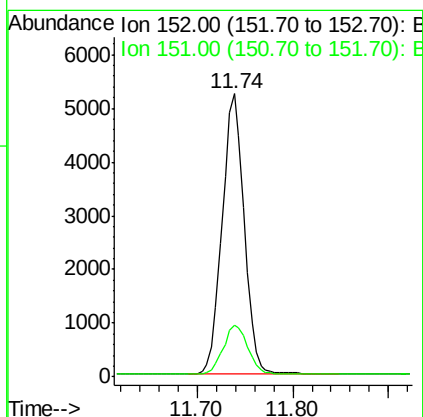
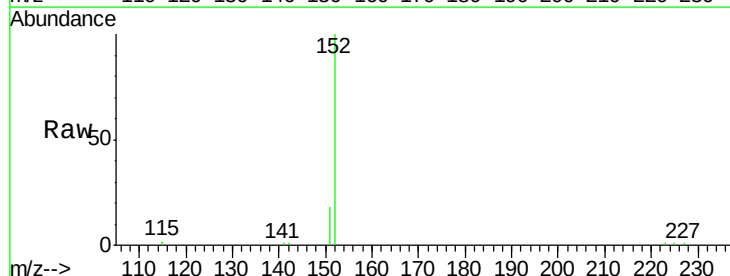
Instrument :
 BNA_E
 ClientSampleId :

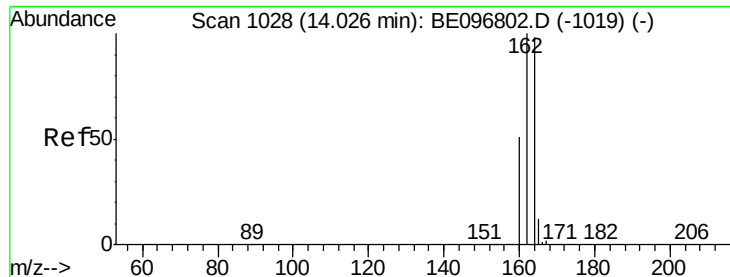
Tot Ion	82	Resp	3601
Ion Ratio	100	Lower	Upper
128	35.1	24.0	36.0
54	45.4	40.0	60.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.371 ng
 RT: 11.74 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE096815.D
 Acq: 18 Jun 2018 19:12

Tgt Ion	152	Resp	8319
Ion Ratio	100	Lower	Upper
151	19.6	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: BE096815.D

Acq: 18 Jun 2018 19:12

Instrument :

BNA_E

ClientSampleId :

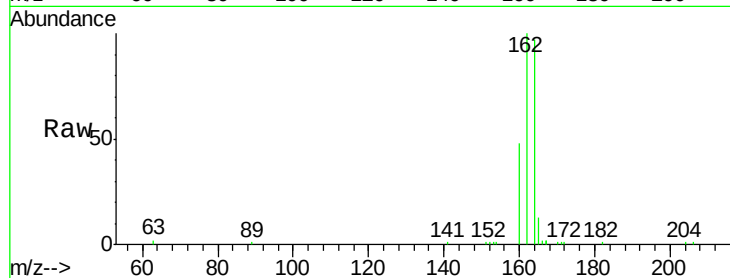
Tot Ion:164 Resp: 7039

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

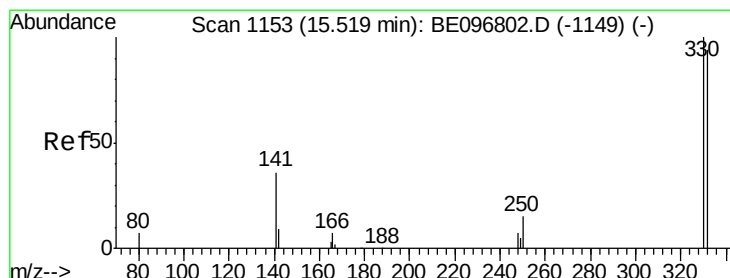
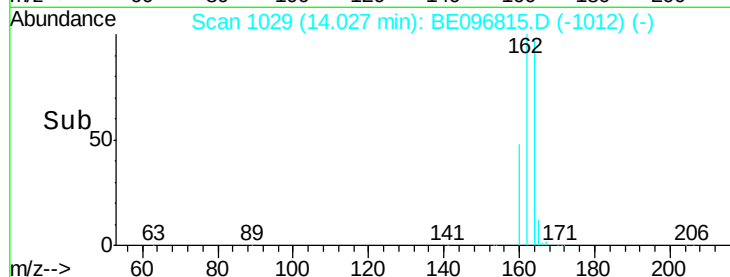
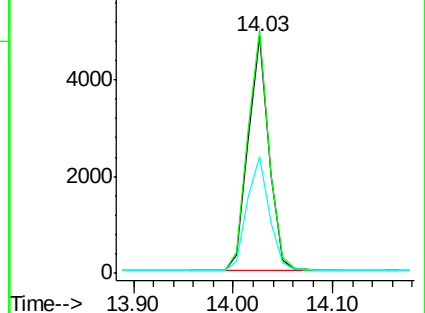
160 49.4 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.455 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE096815.D

Acq: 18 Jun 2018 19:12

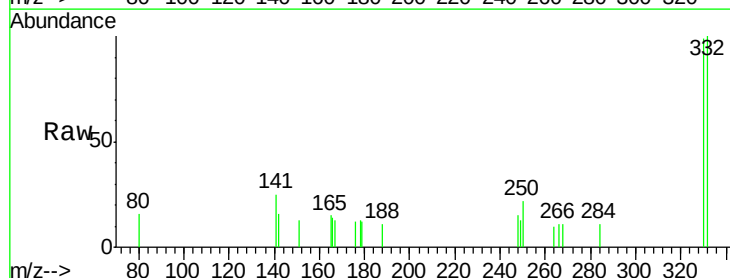
Tgt Ion:330 Resp: 697

Ion Ratio Lower Upper

330 100

332 99.6 152.7 229.1#

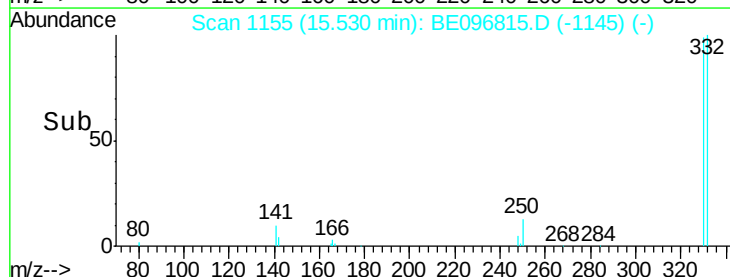
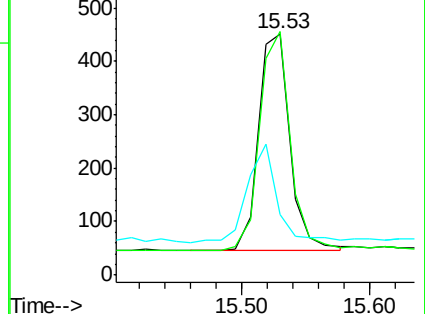
141 42.9 33.7 50.5

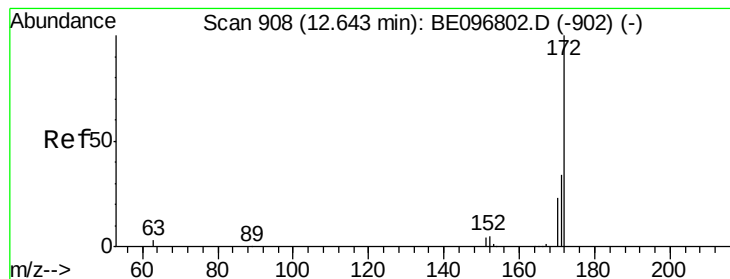


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

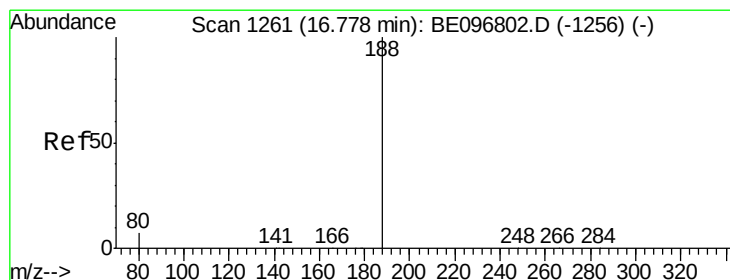
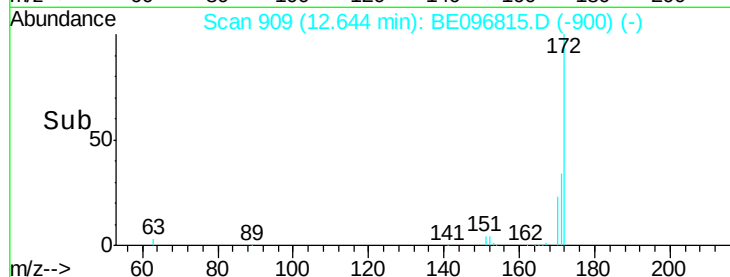
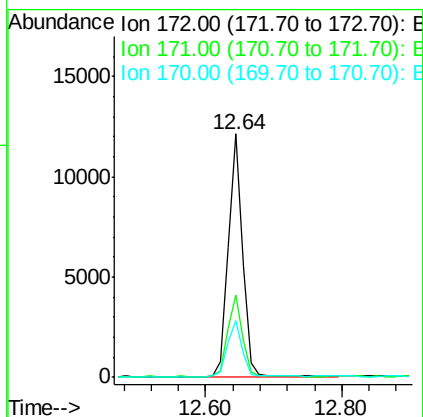
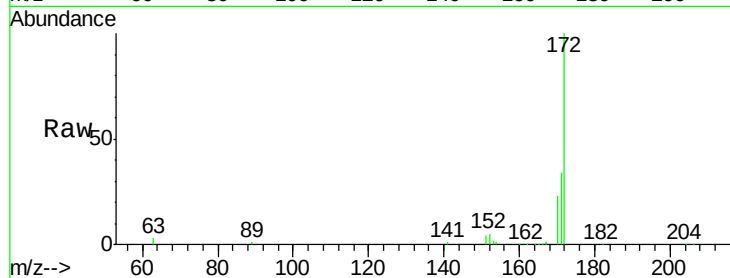




#15
2-Fluorobiphenyl
Concen: 0.614 ng
RT: 12.64 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE096815.D
Acq: 18 Jun 2018 19:12

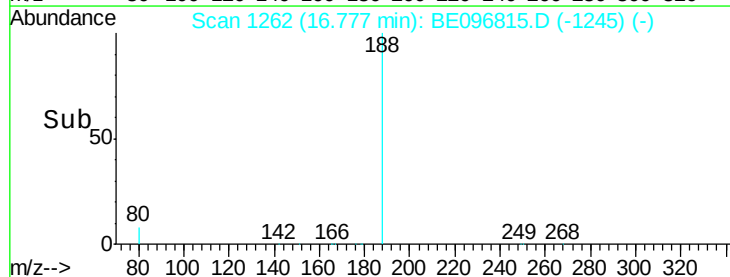
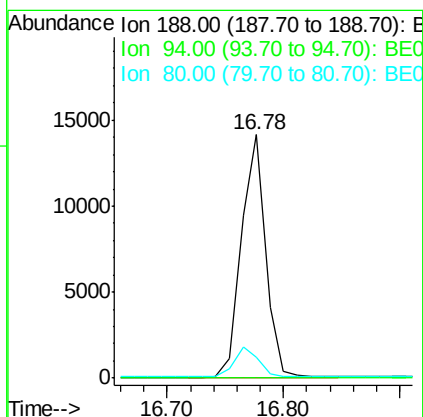
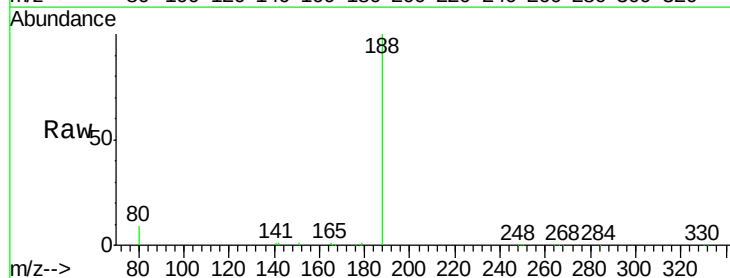
Instrument :
BNA_E
ClientSampleId :

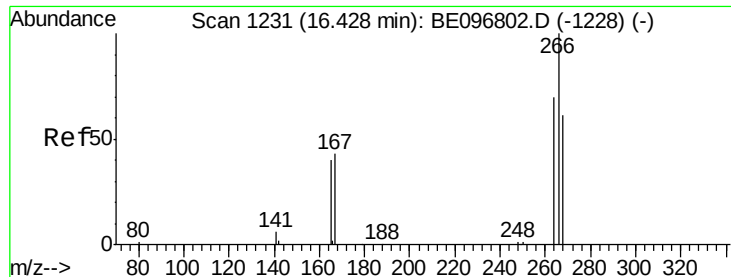
Tot Ion:172 Resp: 17779
Ion Ratio Lower Upper
172 100
171 34.0 29.9 44.9
170 23.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE096815.D
Acq: 18 Jun 2018 19:12

Tgt Ion:188 Resp: 20492
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 8.8 3.6 5.4#

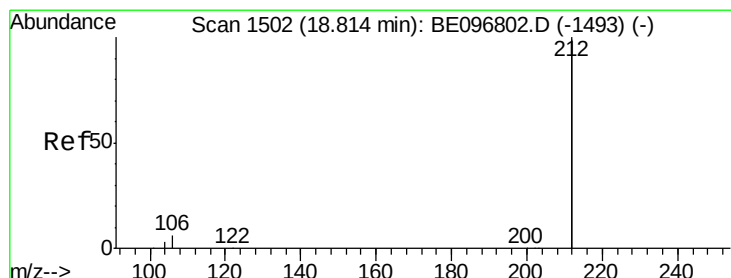
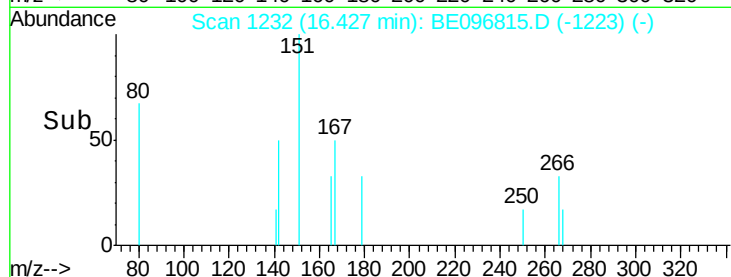
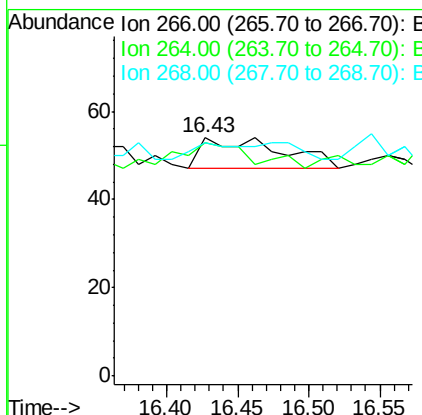
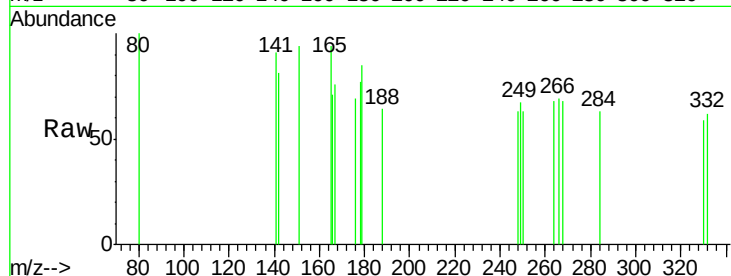




#22
 Pentachlorophenol
 Concen: 0.102 ng
 RT: 16.43 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE096815.D
 Acq: 18 Jun 2018 19:12

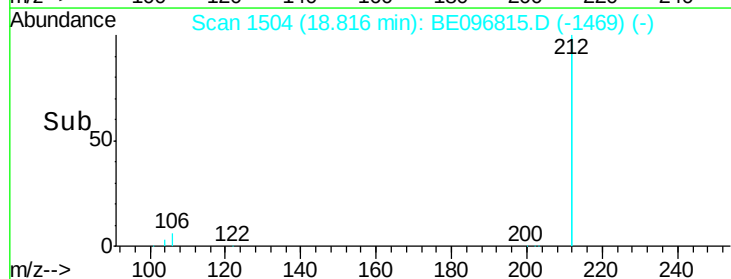
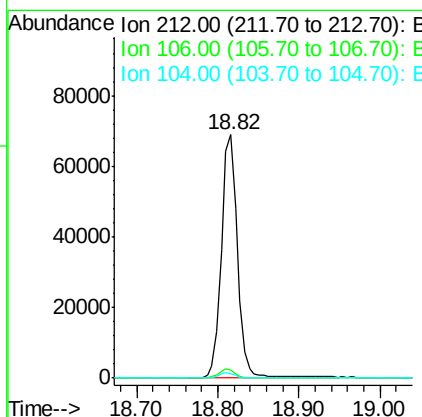
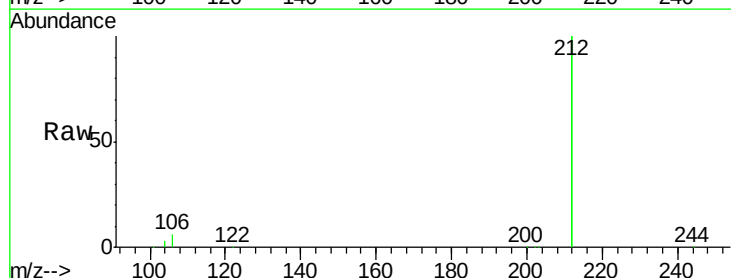
Instrument :
 BNA_E
 ClientSampled :

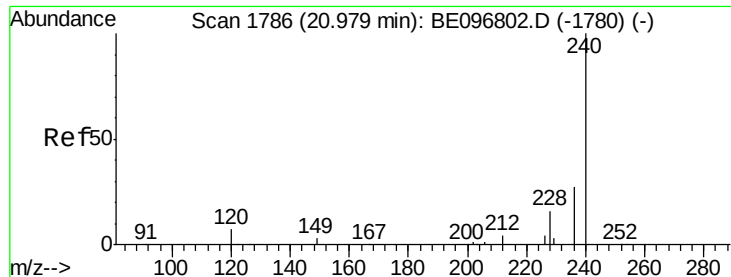
Tot Ion:266 Resp: 27
 Ion Ratio Lower Upper
 266 100
 264 98.1 72.5 108.7
 268 98.1 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.464 ng
 RT: 18.82 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BE096815.D
 Acq: 18 Jun 2018 19:12

Tgt Ion:212 Resp: 93041
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.8 4.2
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE096815.D

Acq: 18 Jun 2018 19:12

Instrument :

BNA_E

ClientSampleId :

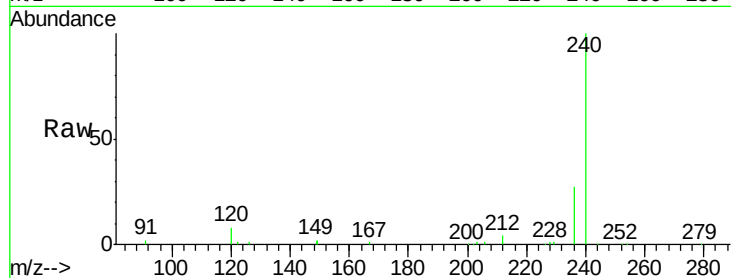
Tot Ion:240 Resp: 20546

Ion Ratio Lower Upper

240 100

120 7.6 5.5 8.3

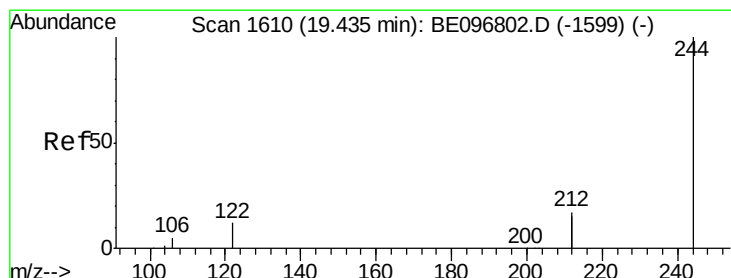
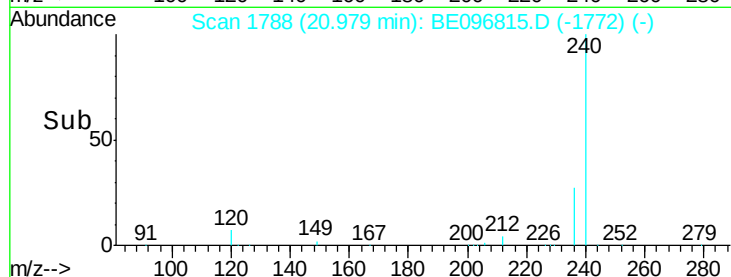
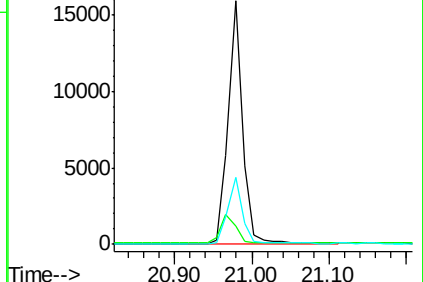
236 27.3 20.7 31.1



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: 0.700 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096815.D

Acq: 18 Jun 2018 19:12

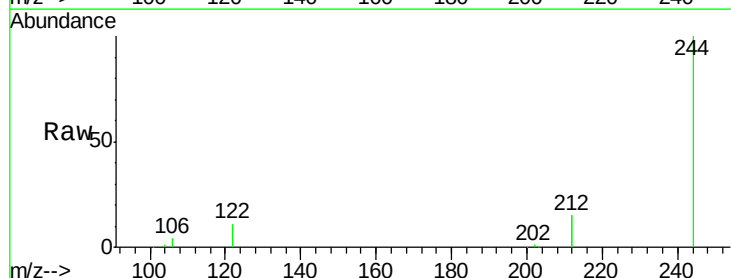
Tgt Ion:244 Resp: 32578

Ion Ratio Lower Upper

244 100

212 30.9 25.4 38.0

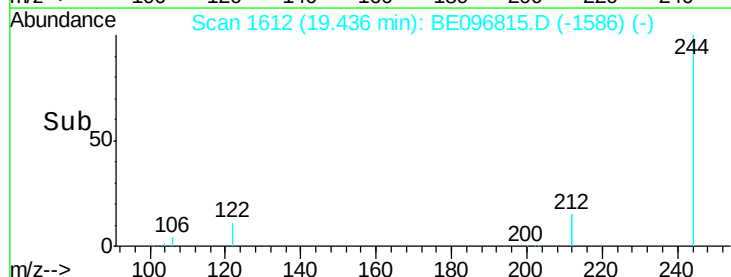
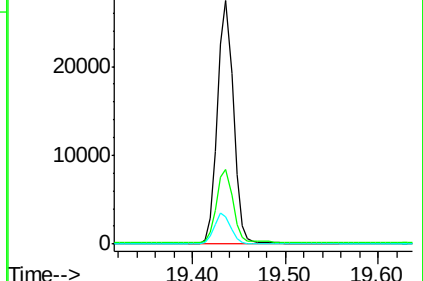
122 11.3 8.1 12.1

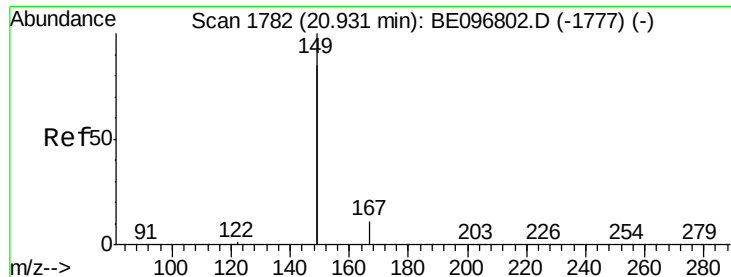


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

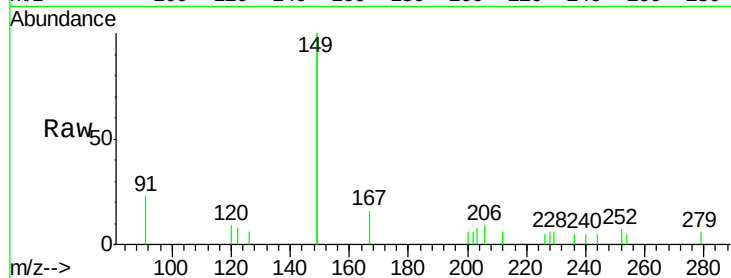




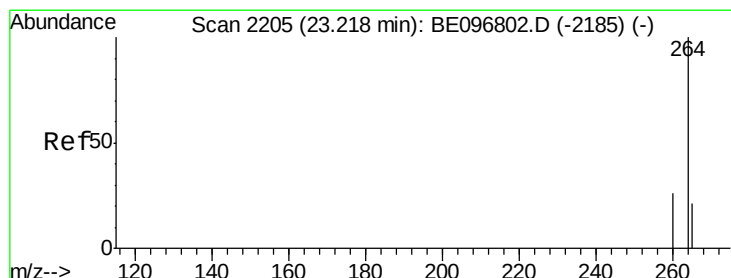
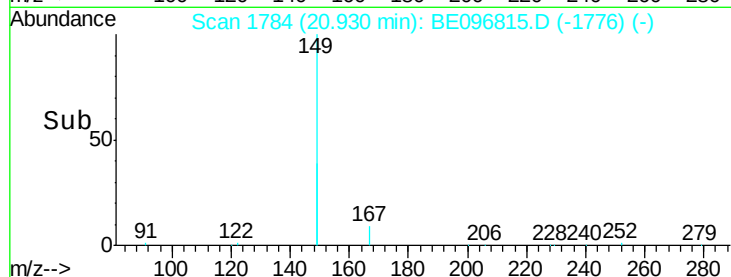
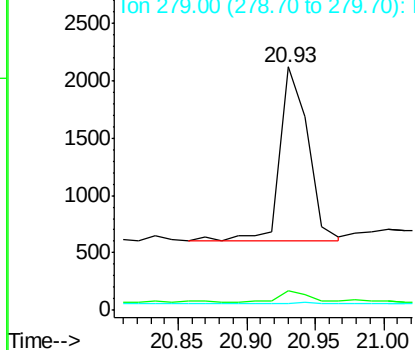
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 20.93 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BE096815.D
 Acq: 18 Jun 2018 19:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2115
 Ion Ratio Lower Upper
 149 100
 167 7.7 5.4 8.0
 279 1.8 0.7 1.1#

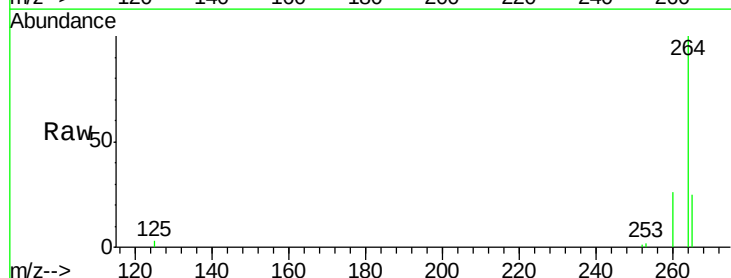


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

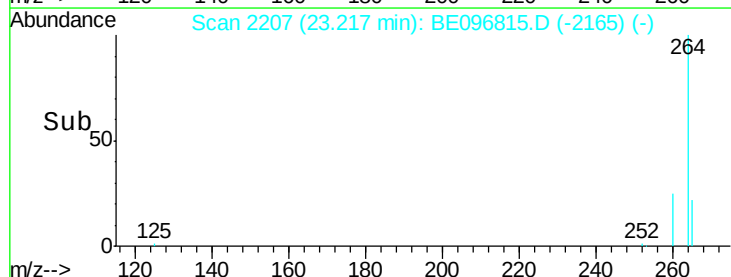
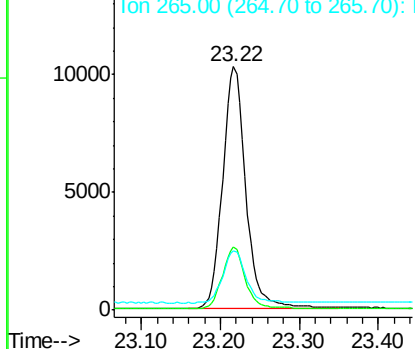


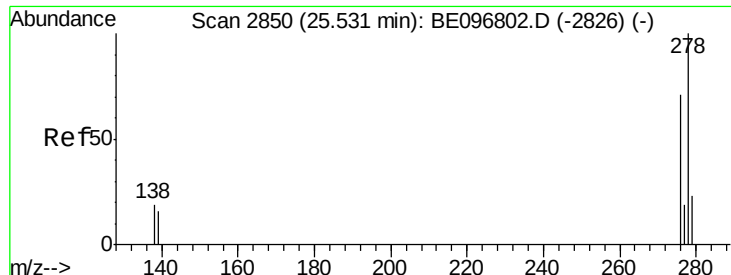
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE096815.D
 Acq: 18 Jun 2018 19:12

Tgt Ion:264 Resp: 21163
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 24.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.077 ng

RT: 25.53 min Scan# 2851

Delta R.T. -0.00 min

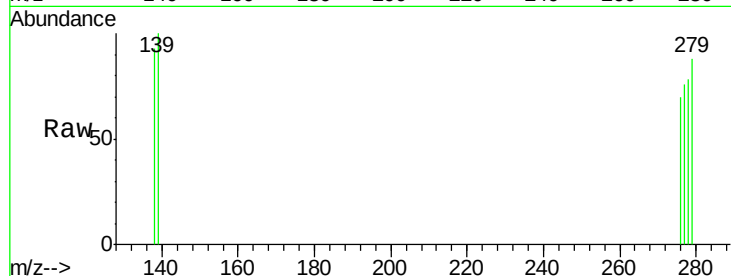
Lab File: BE096815.D

Acq: 18 Jun 2018 19:12

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	278	Resp:	4
Ion	Ratio	Lower	Upper
278	100		
139	127.6	16.0	24.0#
279	112.1	20.0	30.0#

