

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097524.D
 Acq On : 18 Sep 2018 9:21
 Operator : SJ/JU
 Sample : J4913-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 10:47:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

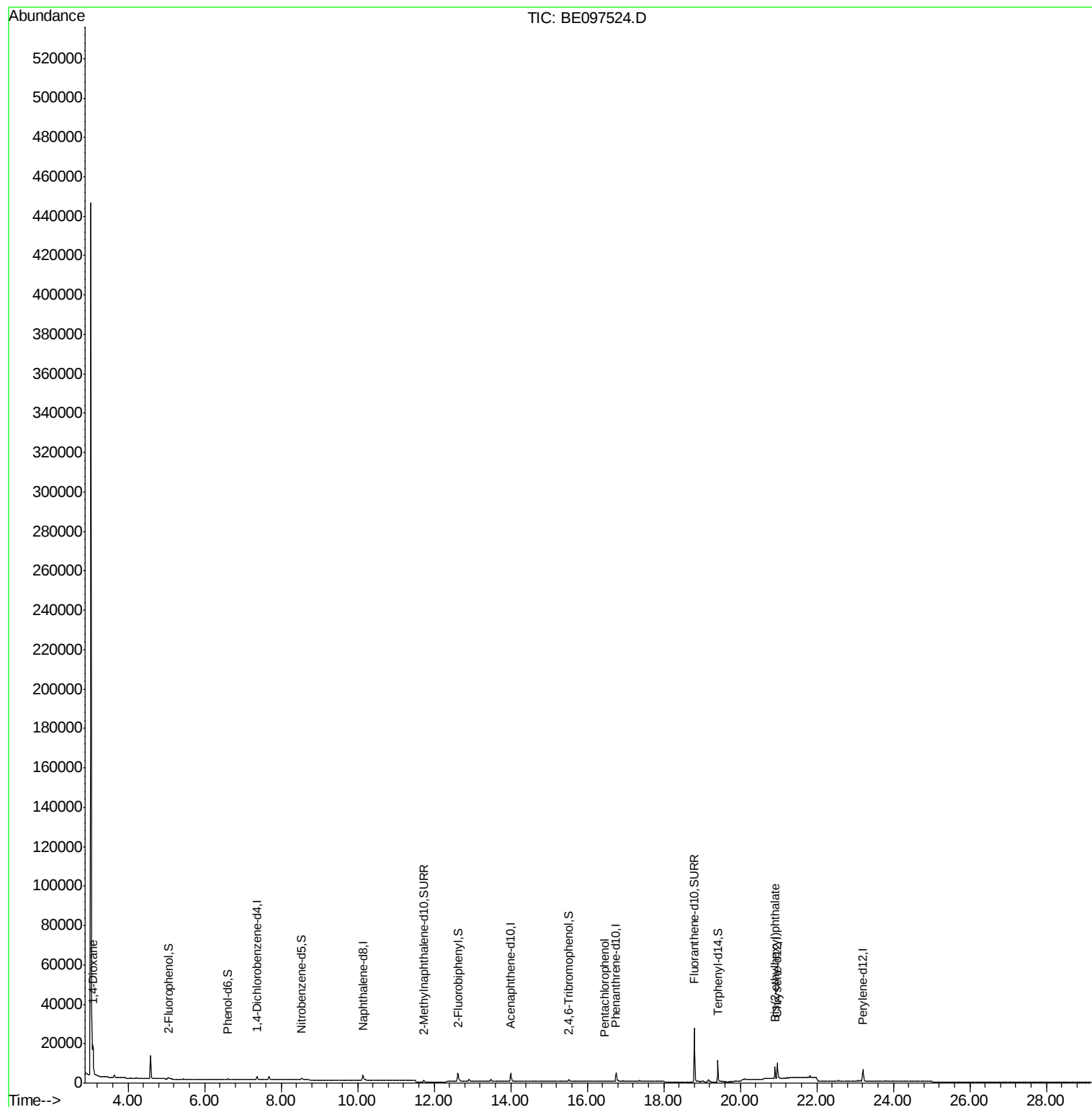
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	912	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4236	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2573	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7487	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	8947	0.40	ng	0.00
34) Perylene-d12	23.21	264	9015	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	586	0.19	ng	0.00
5) Phenol-d6	6.61	99	415	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	1423	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2618	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	563	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5344	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	39731	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	9827	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	7425	4.708	ng	Qvalue # 94
22) Pentachlorophenol	16.45	266	12	0.065	ng	96
32) Bis(2-ethylhexyl)phthalate	20.91	149	6297	0.126	ng	# 100

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

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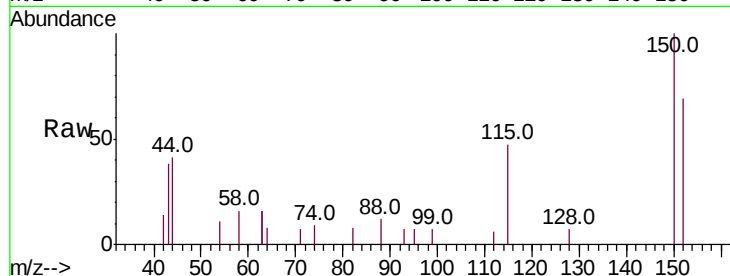


#1

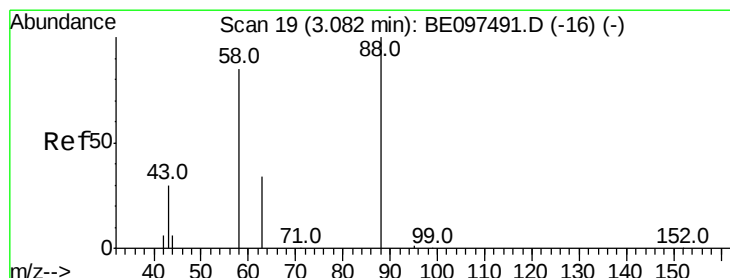
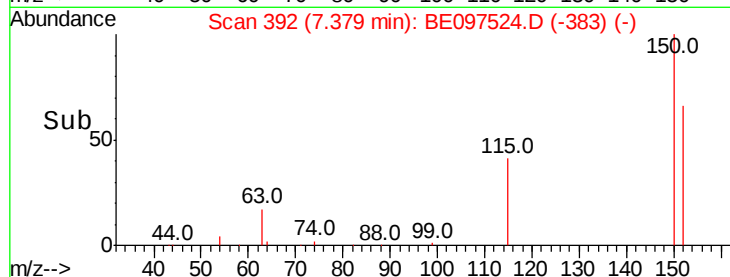
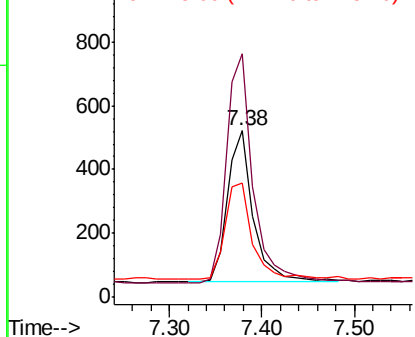
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097524.D
Acq: 18 Sep 2018 9:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 912
Ion Ratio Lower Upper
152 100
150 146.0 117.2 175.8
115 68.2 57.0 85.6



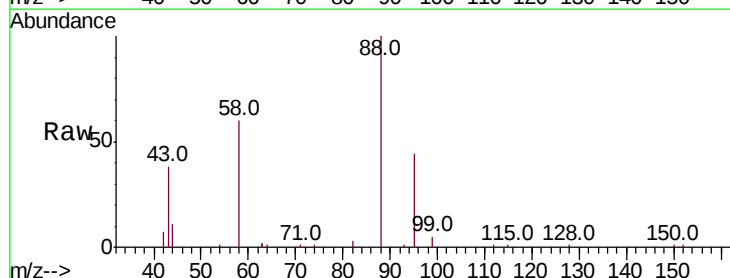
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



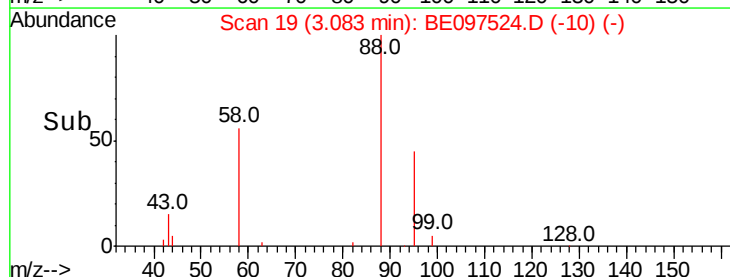
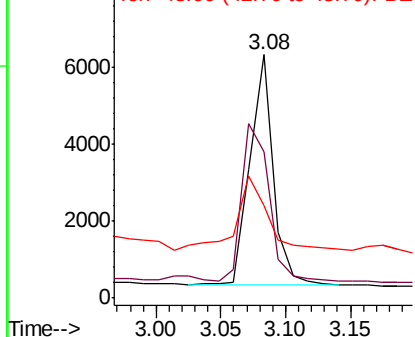
#2

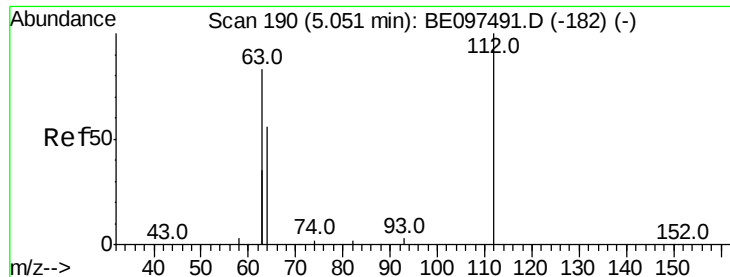
1,4-Dioxane
Concen: 4.708 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097524.D
Acq: 18 Sep 2018 9:21

Tgt Ion: 88 Resp: 7425
Ion Ratio Lower Upper
88 100
58 79.4 63.2 94.8
43 40.9 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

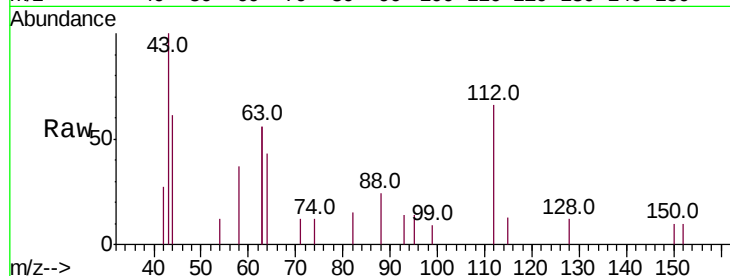
Tot Ion:112 Resp: 586

Ion Ratio Lower Upper

112 100

64 67.7 60.1 90.1

63 139.6 116.8 175.2



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

500

600

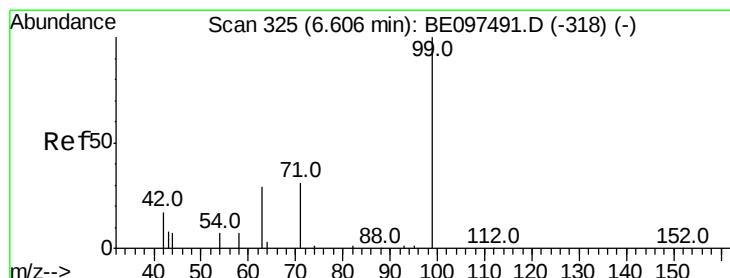
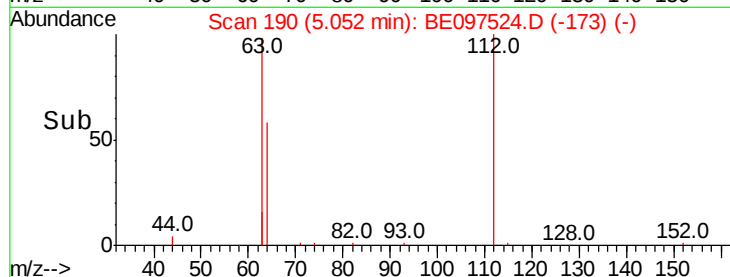
400

200

0

4.90 5.05 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.106 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

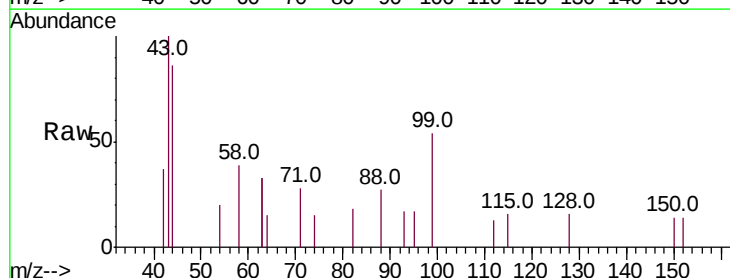
Tgt Ion: 99 Resp: 415

Ion Ratio Lower Upper

99 100

42 16.9 20.2 30.2#

71 34.0 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

250

200

150

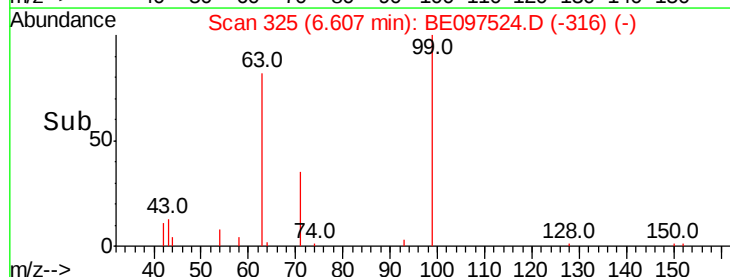
100

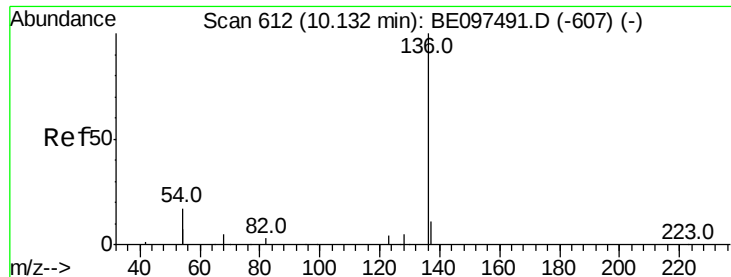
50

0

6.50 6.61 6.70

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097524.D

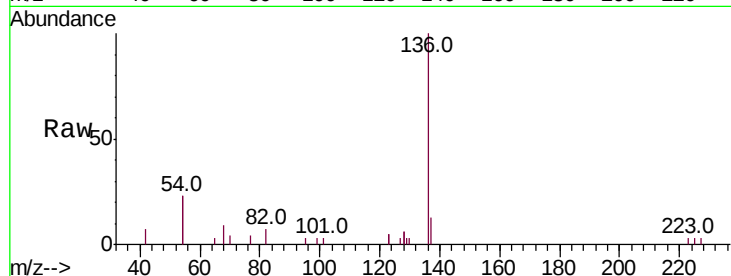
Acq: 18 Sep 2018 9:21

Instrument :

BNA_E

ClientSampled :

Tot Ion:136	Resp:	4236
Ion Ratio	Lower	Upper
136	100	
137	12.9	9.5 14.3
54	45.2	29.1 43.7#
68	9.1	6.2 9.2

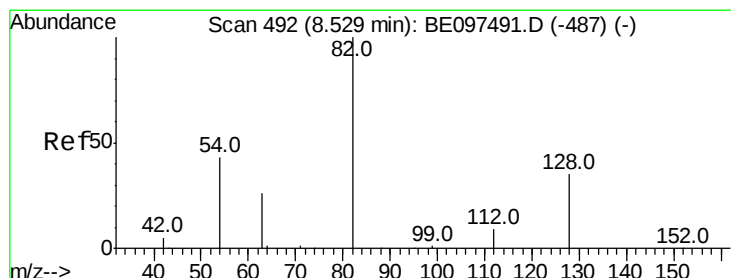
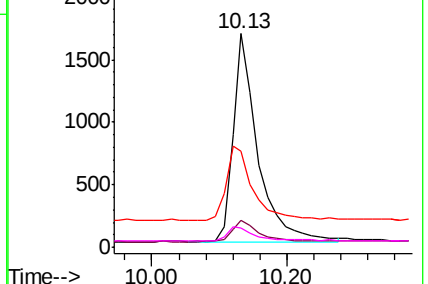
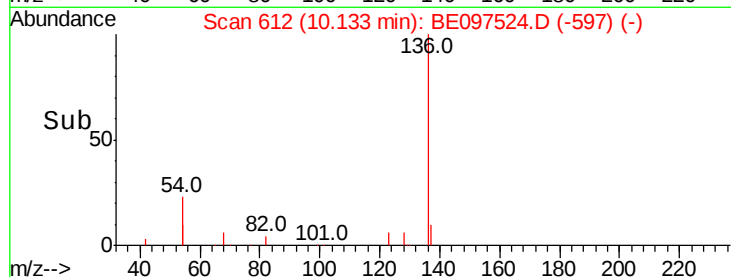


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.417 ng

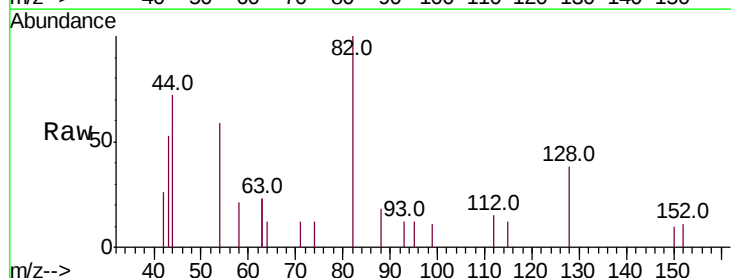
RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

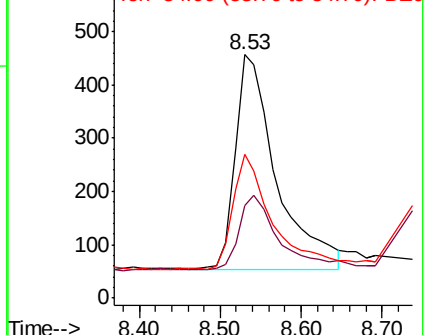
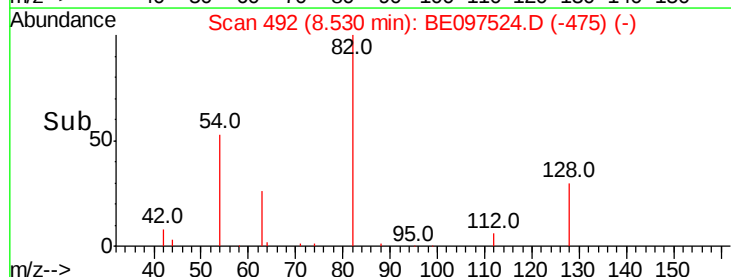
Tgt Ion: 82	Resp:	1423
Ion Ratio	Lower	Upper
82	100	
128	38.1	24.0 36.0#
54	58.9	40.0 60.0

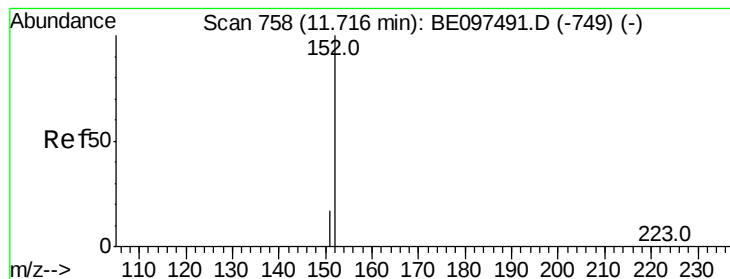


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.432 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

Instrument :

BNA_E

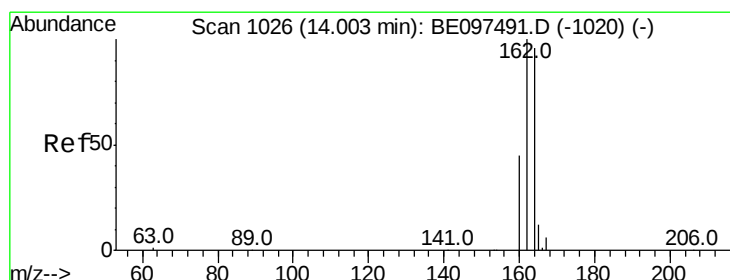
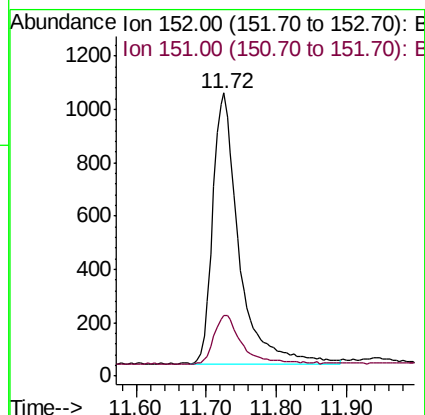
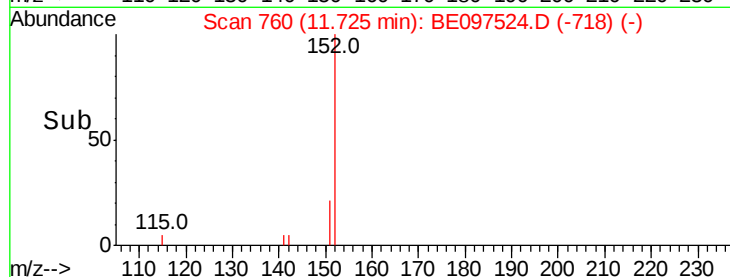
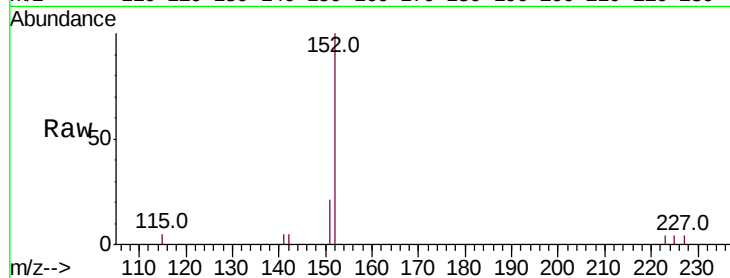
ClientSampleId :

Tot Ion:152 Resp: 2618

Ion Ratio Lower Upper

152 100

151 17.8 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

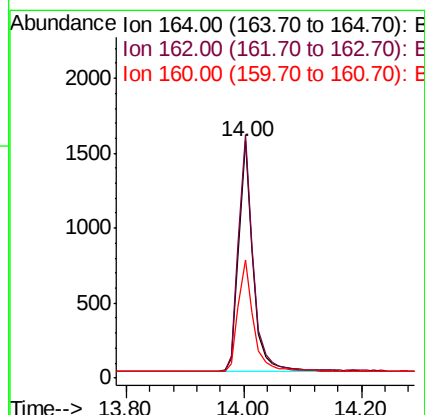
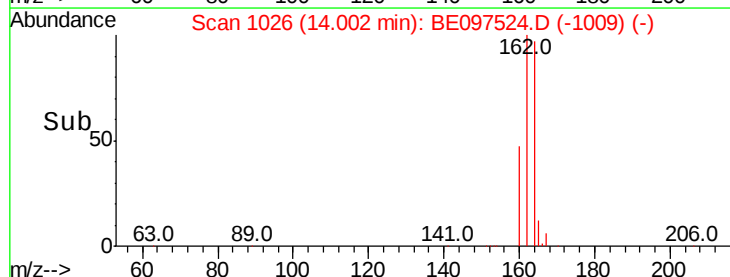
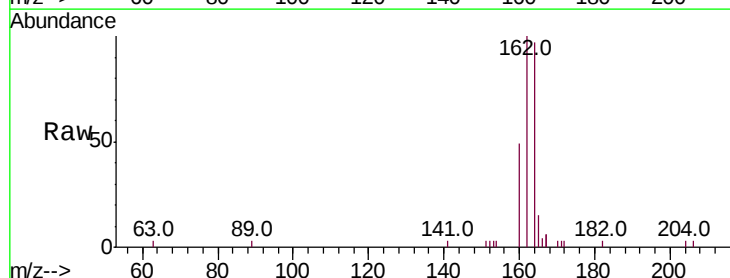
Tgt Ion:164 Resp: 2573

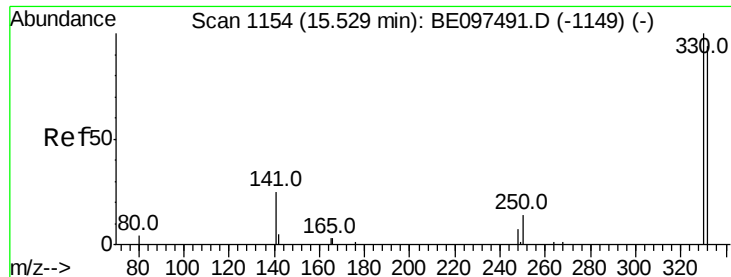
Ion Ratio Lower Upper

164 100

162 102.8 83.1 124.7

160 50.0 37.1 55.7

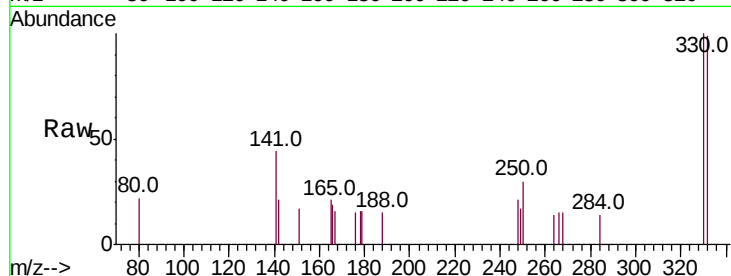




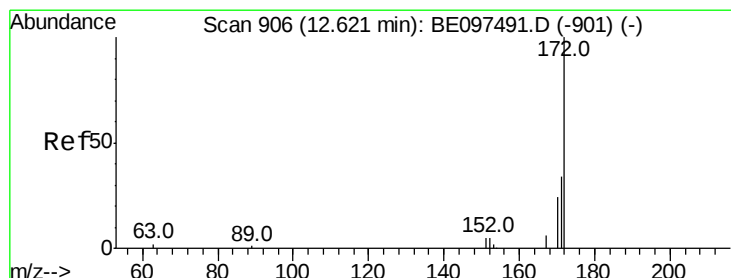
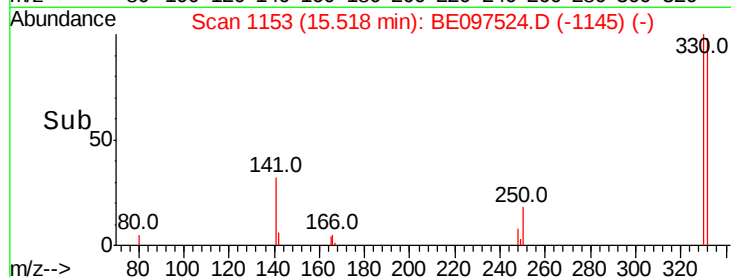
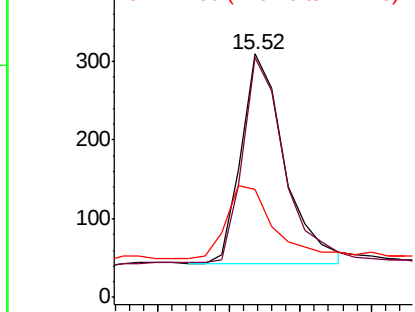
#14
 2,4,6-Tribromophenol
 Concen: 0.414 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BE097524.D
 Acq: 18 Sep 2018 9:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 563
 Ion Ratio Lower Upper
 330 100
 332 94.3 152.7 229.1#
 141 38.9 33.7 50.5

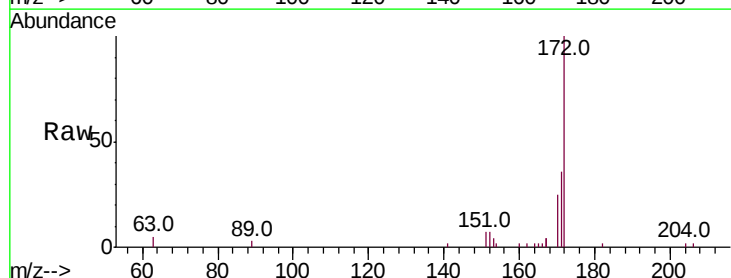


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

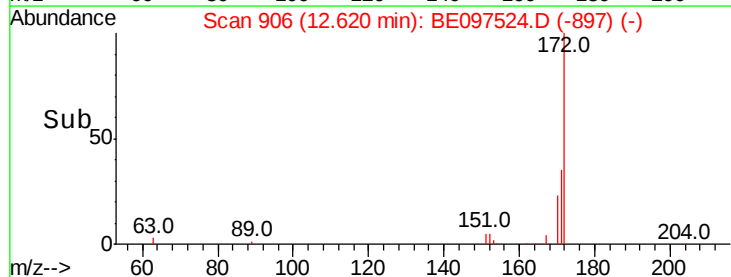
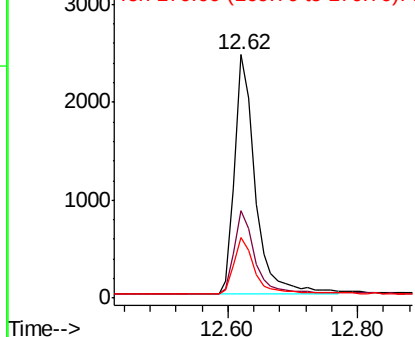


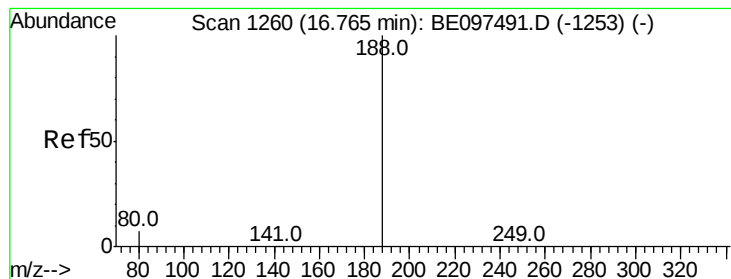
#15
 2-Fluorobiphenyl
 Concen: 0.595 ng
 RT: 12.62 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097524.D
 Acq: 18 Sep 2018 9:21

Tgt Ion:172 Resp: 5344
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.9 44.9
 170 24.8 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. -0.01 min

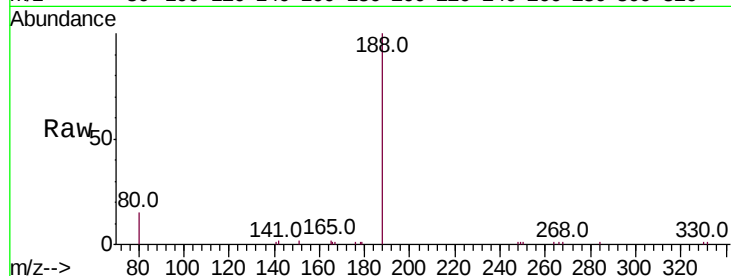
Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 7487

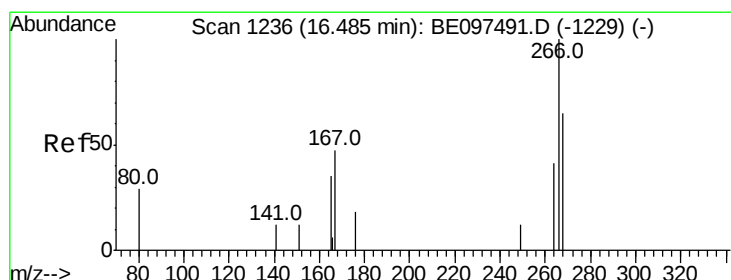
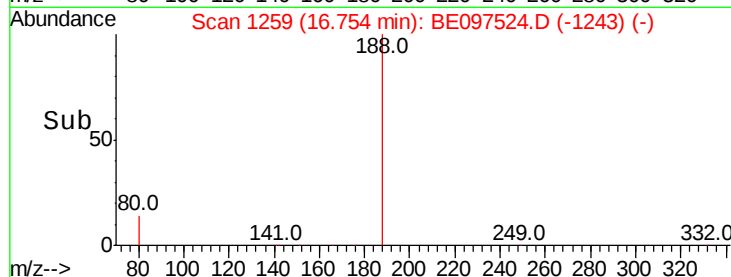
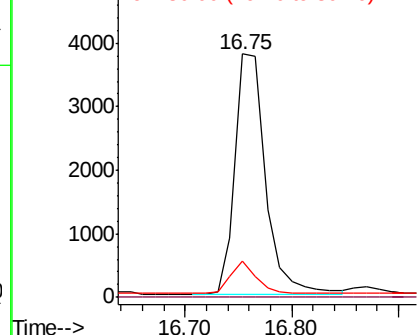
Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.0	3.6	5.4#



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: 0.065 ng

RT: 16.45 min Scan# 1233

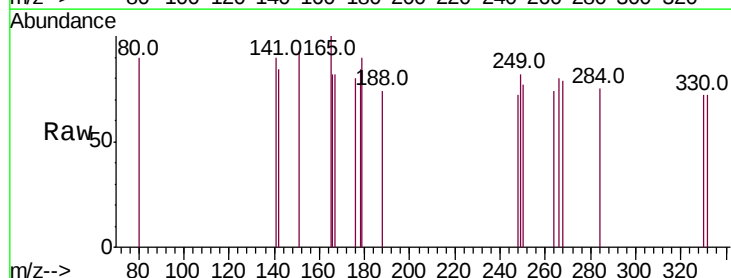
Delta R.T. -0.03 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

Tgt Ion:266 Resp: 12

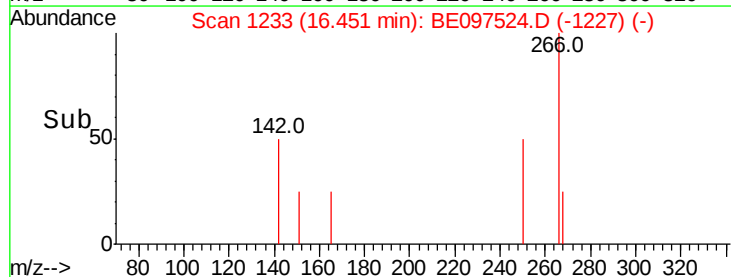
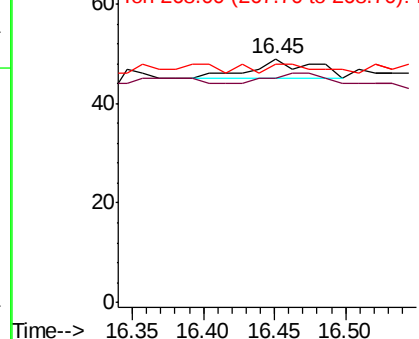
Ion	Ratio	Lower	Upper
266	100		
264	91.8	72.5	108.7
268	98.0	73.8	110.6

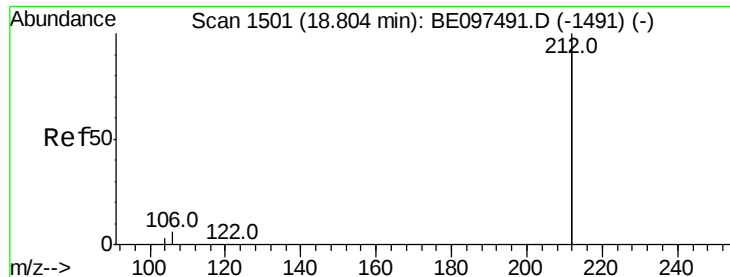


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.442 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

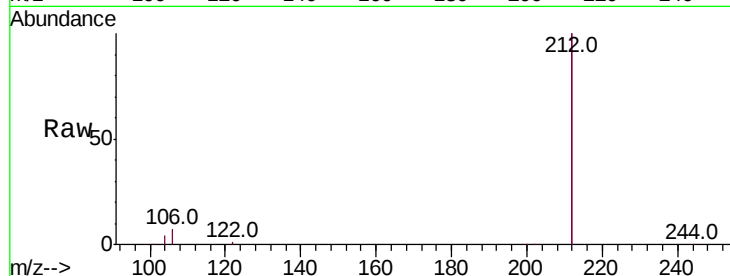
Tot Ion:212 Resp: 39731

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

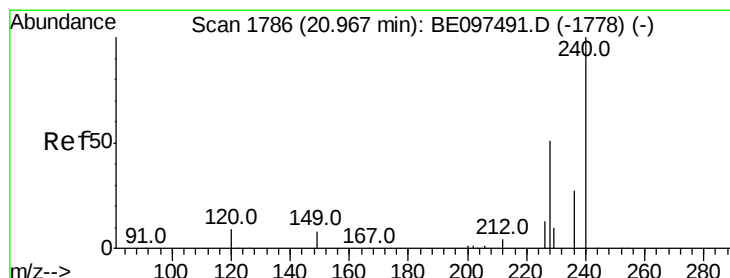
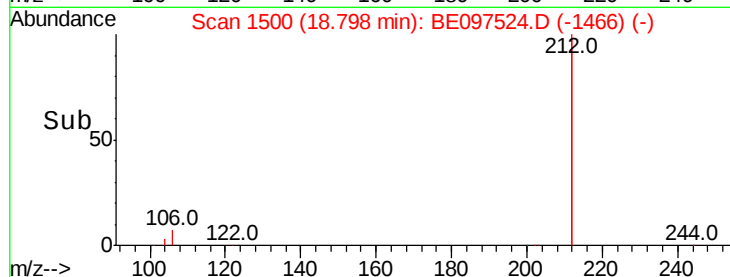
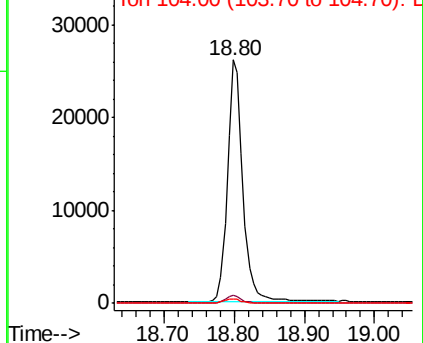
104 1.7 1.6 2.4



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: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

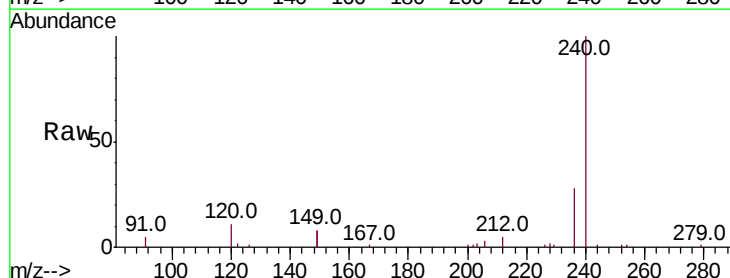
Tgt Ion:240 Resp: 8947

Ion Ratio Lower Upper

240 100

120 10.9 5.5 8.3#

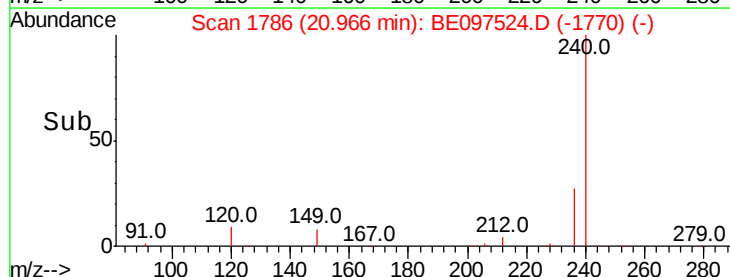
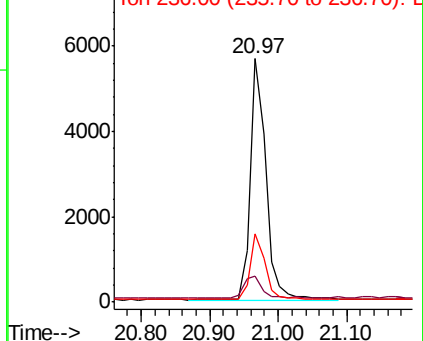
236 27.9 20.7 31.1

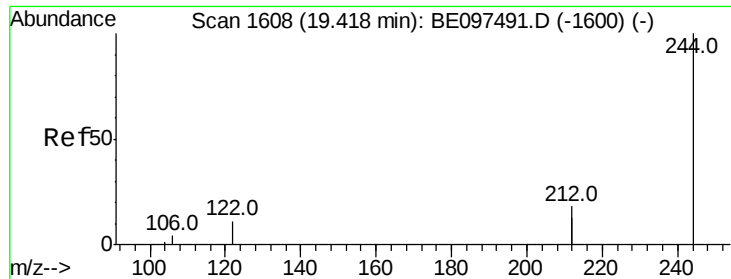


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.574 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

Instrument :

BNA_E

ClientSampleId :

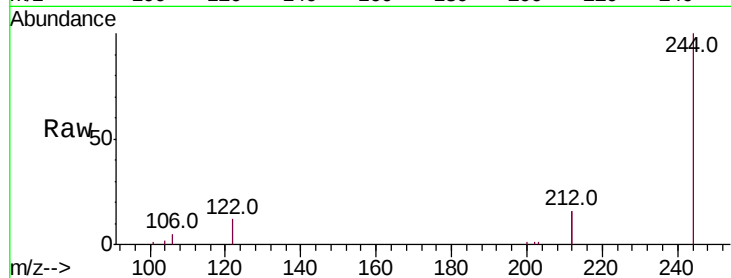
Tot Ion:244 Resp: 9827

Ion Ratio Lower Upper

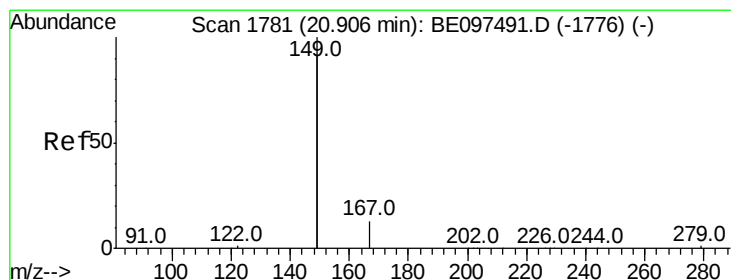
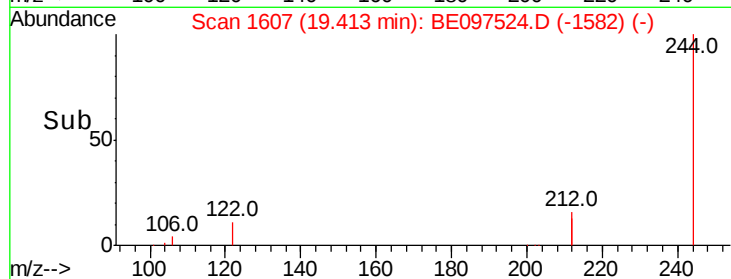
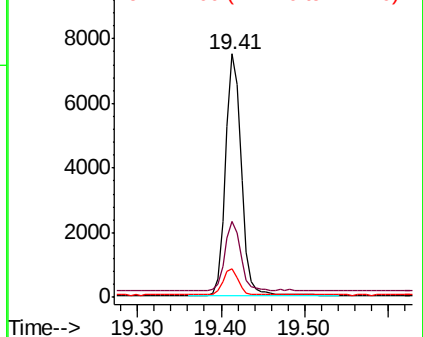
244 100

212 31.4 25.4 38.0

122 11.8 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: 0.126 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097524.D

Acq: 18 Sep 2018 9:21

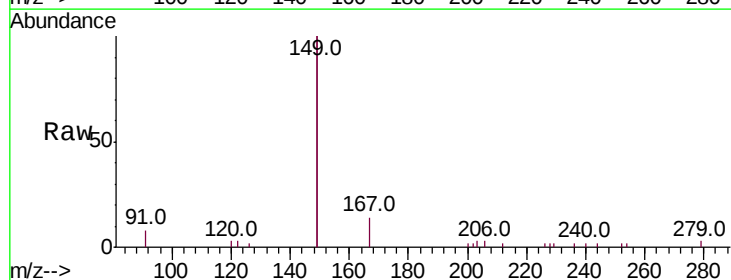
Tgt Ion:149 Resp: 6297

Ion Ratio Lower Upper

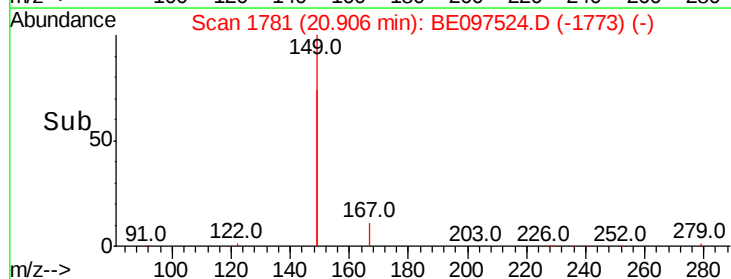
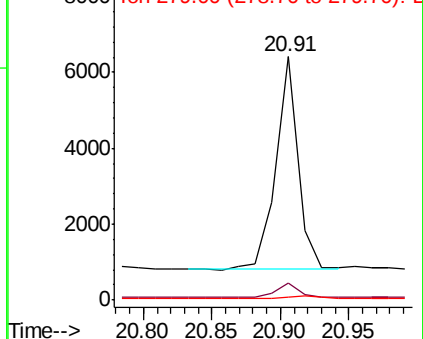
149 100

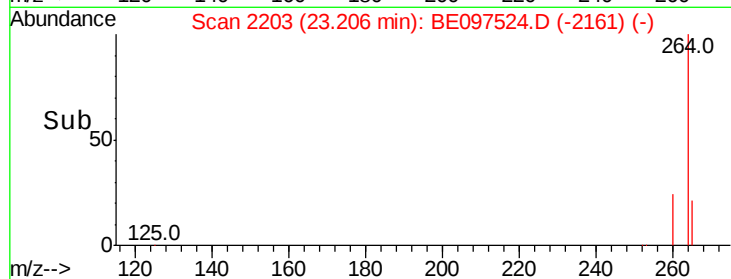
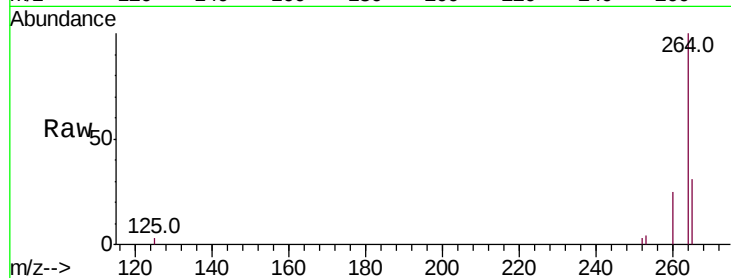
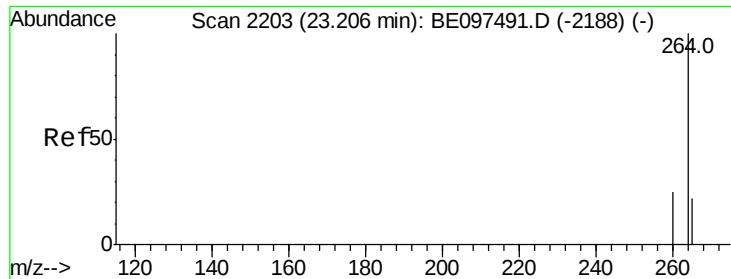
167 6.6 5.4 8.0

279 1.3 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# 2203
 Delta R.T. 0.00 min
 Lab File: BE097524.D
 Acq: 18 Sep 2018 9:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	9015
Ion Ratio	Lower	Upper	
264	100		
260	25.1	20.5	30.7
265	31.5	22.8	34.2

