

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097526.D
 Acq On : 18 Sep 2018 10:36
 Operator : SJ/JU
 Sample : J4913-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 18 11:43:10 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

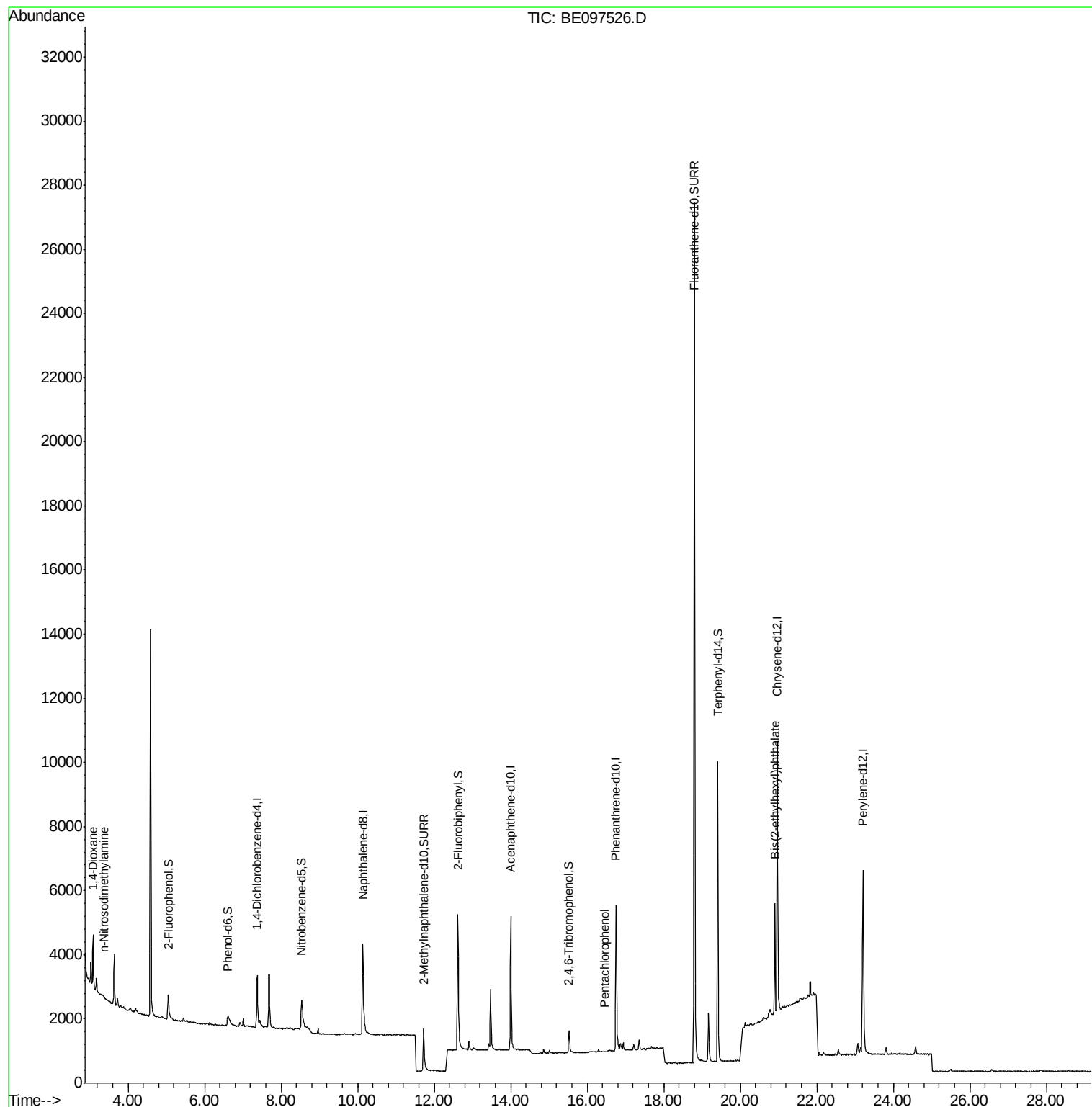
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	974	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4402	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2559	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7473	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8902	0.40	ng	0.00
34) Perylene-d12	23.21	264	8878	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	589	0.18	ng	0.00
5) Phenol-d6	6.61	99	437	0.10	ng	0.00
8) Nitrobenzene-d5	8.53	82	1497	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2674	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	520	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	5114	0.57	ng	0.00
25) Fluoranthene-d10	18.80	212	39586	0.44	ng	0.00
29) Terphenyl-d14	19.41	244	8742	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	1054	0.626	ng	Qvalue 95
3) n-Nitrosodimethylamine	3.37	42	30	0.021	ng	# 1
22) Pentachlorophenol	16.45	266	8	0.056	ng	96
32) Bis(2-ethylhexyl)phthalate	20.91	149	3969	0.080	ng	# 100

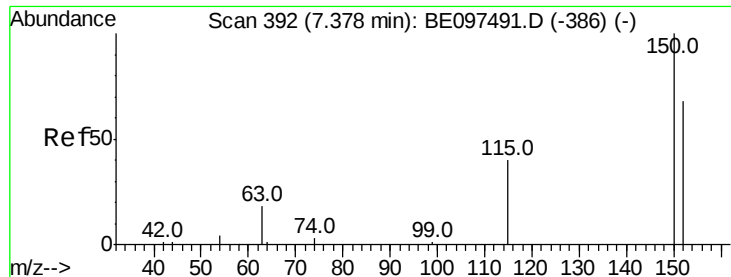
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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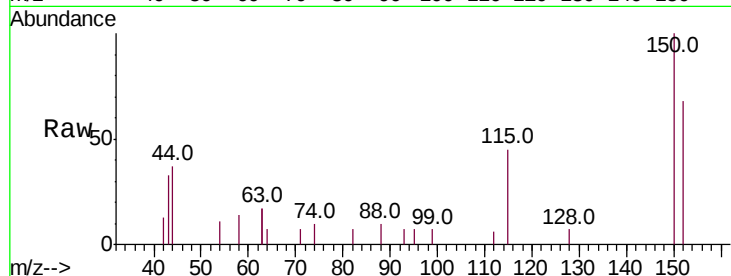


#1

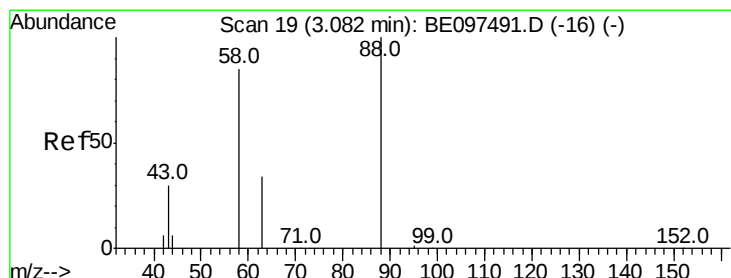
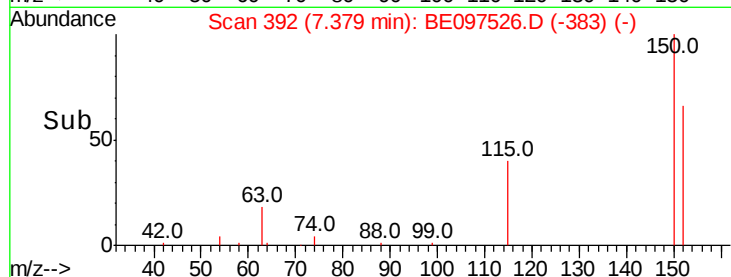
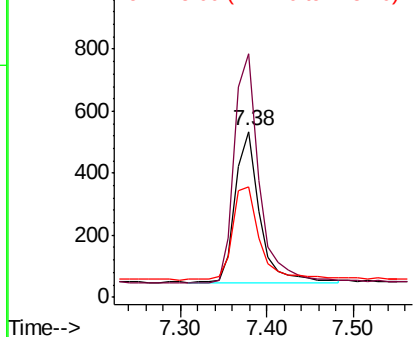
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097526.D
Acq: 18 Sep 2018 10:36

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 974
Ion Ratio Lower Upper
152 100
150 146.7 117.2 175.8
115 66.5 57.0 85.6



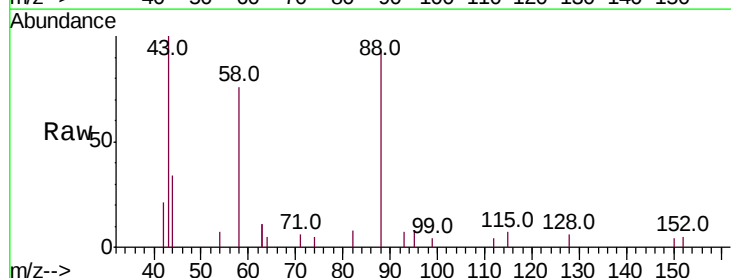
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



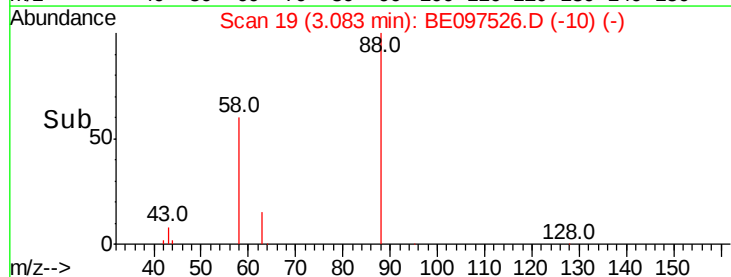
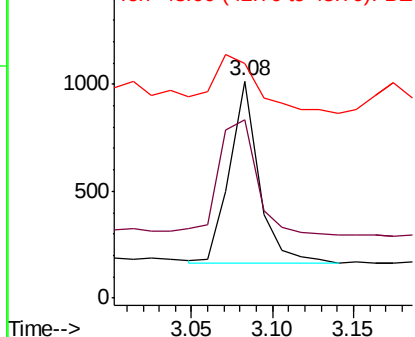
#2

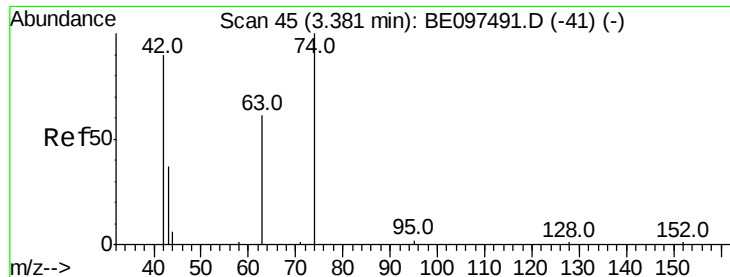
1,4-Dioxane
Concen: 0.626 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097526.D
Acq: 18 Sep 2018 10:36

Tgt Ion: 88 Resp: 1054
Ion Ratio Lower Upper
88 100
58 85.1 63.2 94.8
43 50.2 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



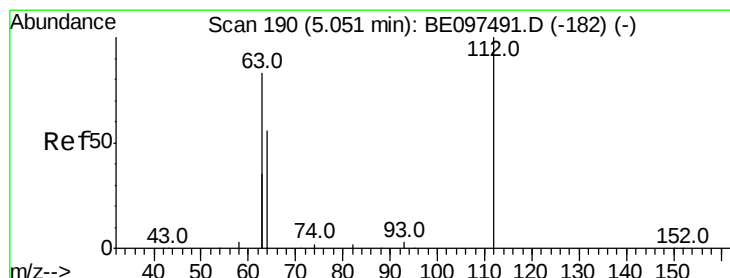
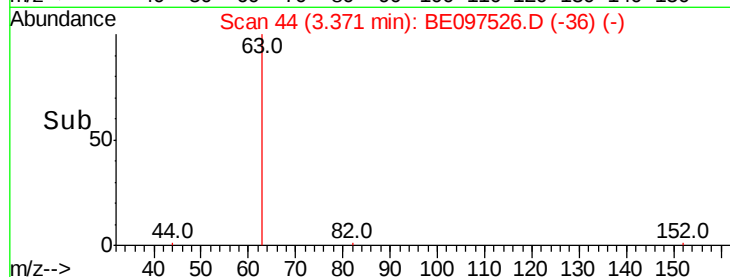
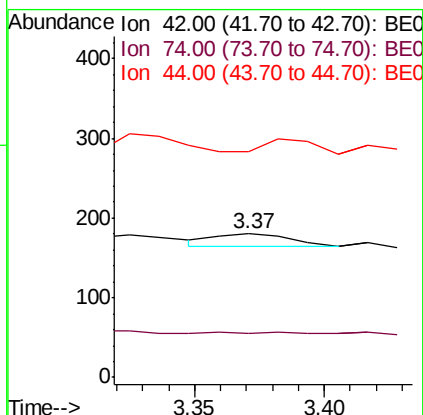
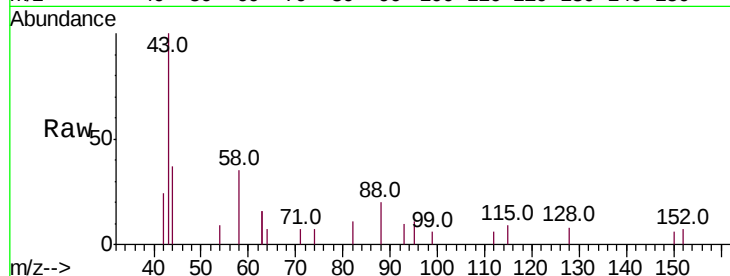


#3

n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.37 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BE097526.D
 Acq: 18 Sep 2018 10:36

Instrument :
 BNA_E
 ClientSampleId :

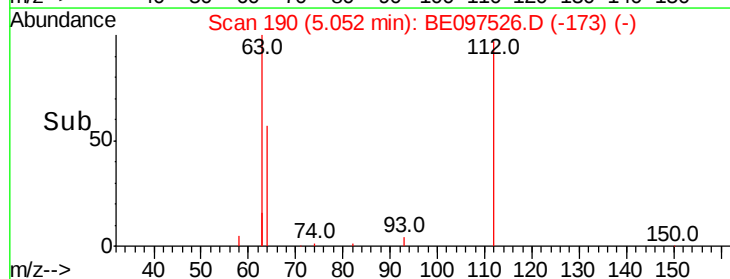
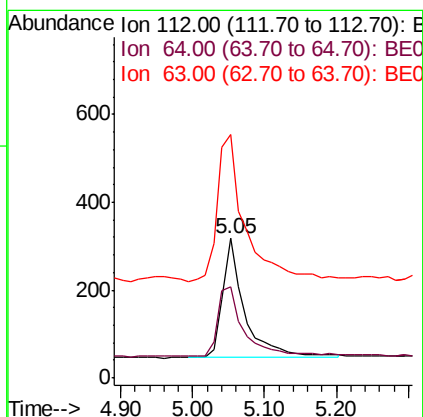
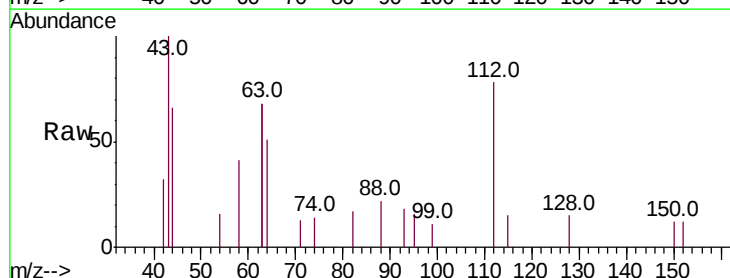
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	93.3	12.0	18.0#

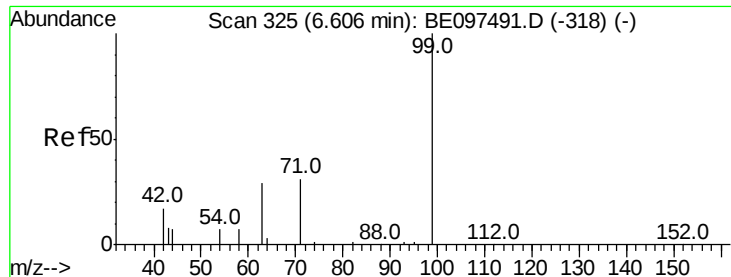


#4

2-Fluorophenol
 Concen: 0.179 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097526.D
 Acq: 18 Sep 2018 10:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	60.1	90.1
63	158.6	116.8	175.2





#5

Phenol-d6

Concen: 0.104 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

Instrument :

BNA_E

ClientSampleId :

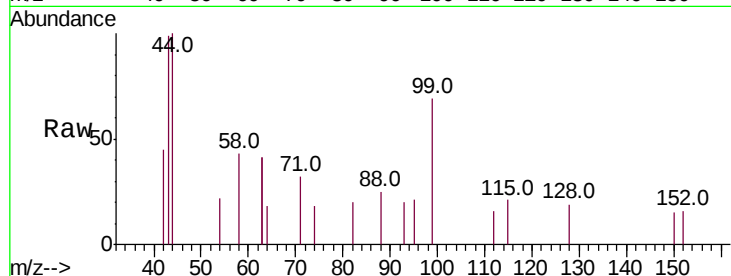
Tot Ion: 99 Resp: 437

Ion Ratio Lower Upper

99 100

42 23.8 20.2 30.2

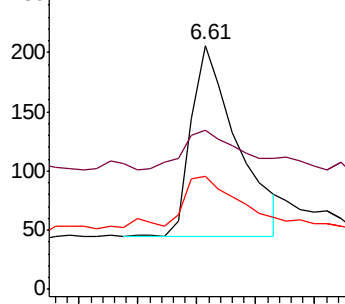
71 33.4 28.4 42.6



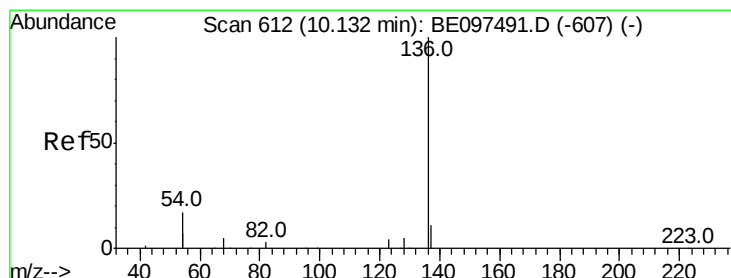
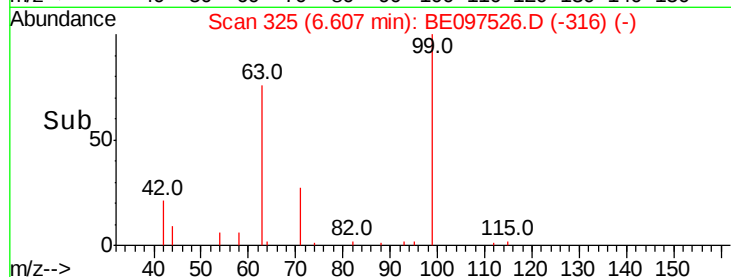
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

Tgt Ion: 136 Resp: 4402

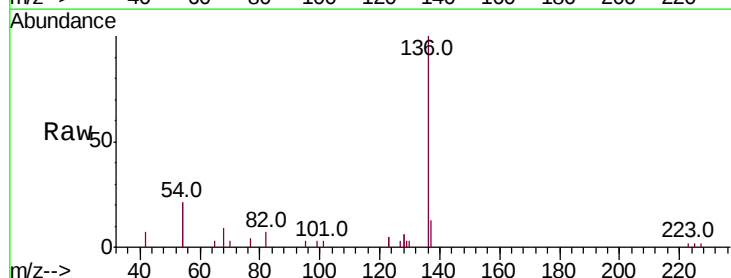
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 43.0 29.1 43.7

68 9.3 6.2 9.2#

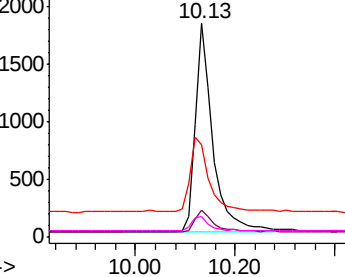


Abundance Ion 136.00 (135.70 to 136.70): E

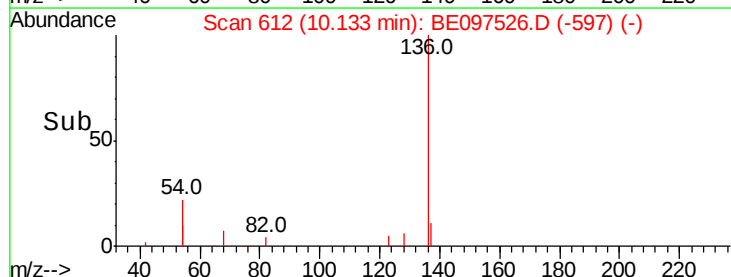
Ion 137.00 (136.70 to 137.70): E

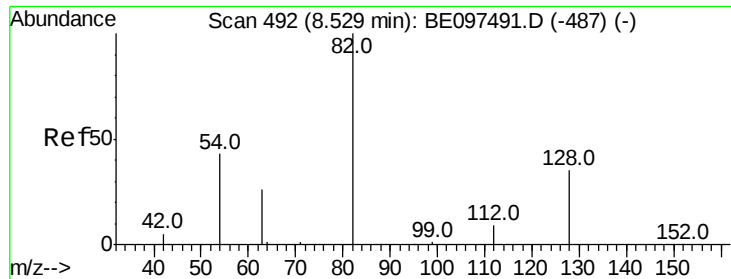
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.423 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

Instrument :

BNA_E

ClientSampleId :

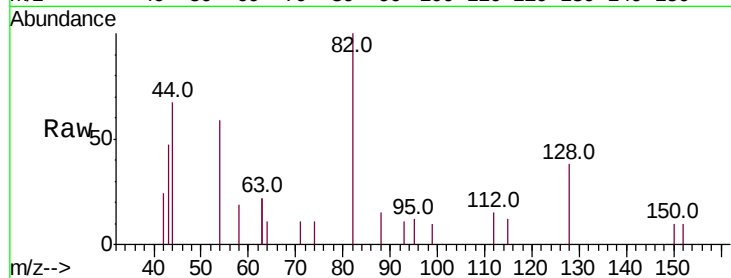
Tot Ion: 82 Resp: 1497

Ion Ratio Lower Upper

82 100

128 37.8 24.0 36.0#

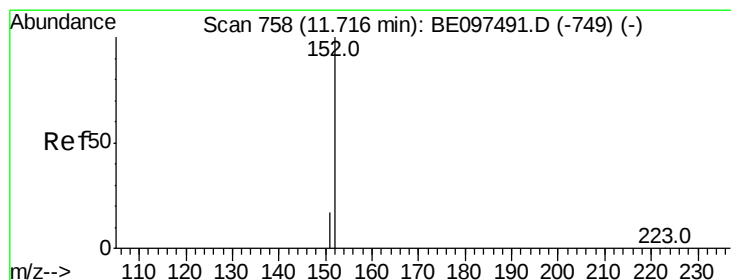
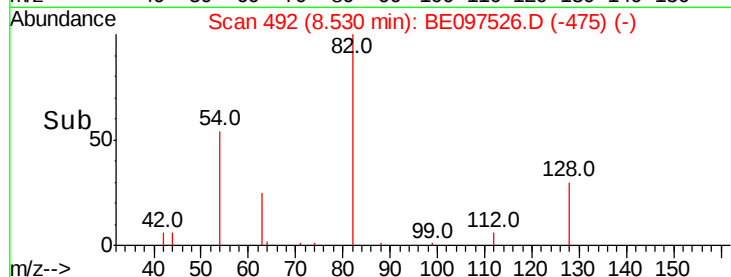
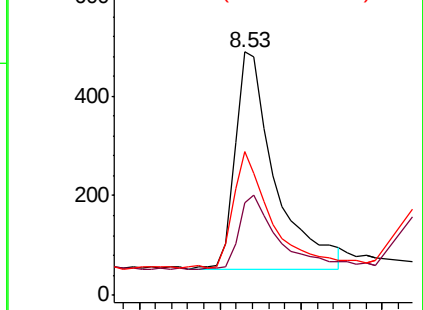
54 59.1 40.0 60.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097526.D

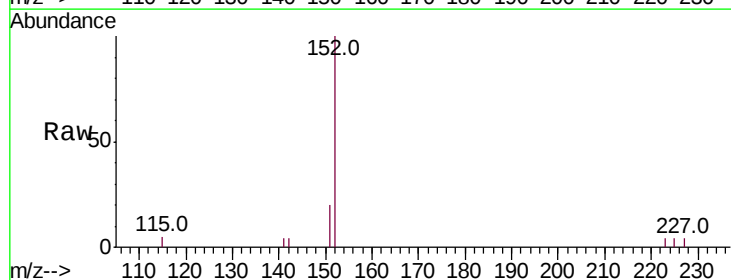
Acq: 18 Sep 2018 10:36

Tgt Ion: 152 Resp: 2674

Ion Ratio Lower Upper

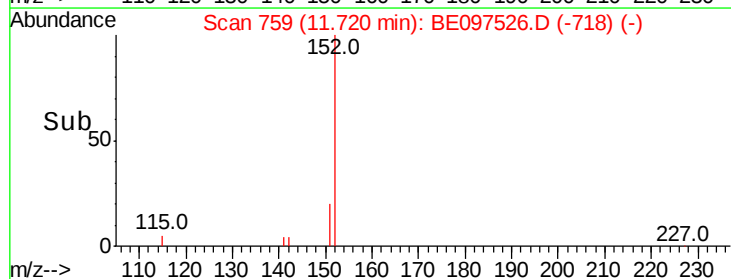
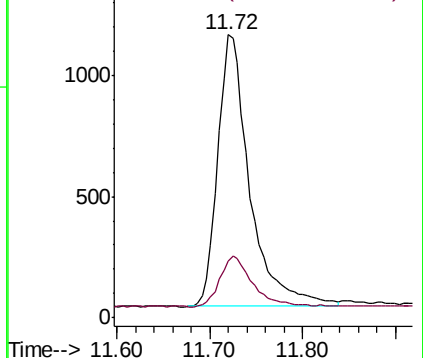
152 100

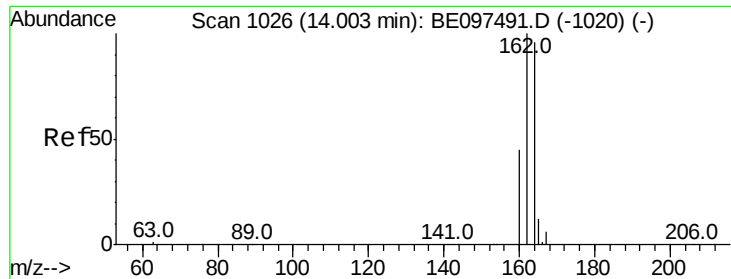
151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

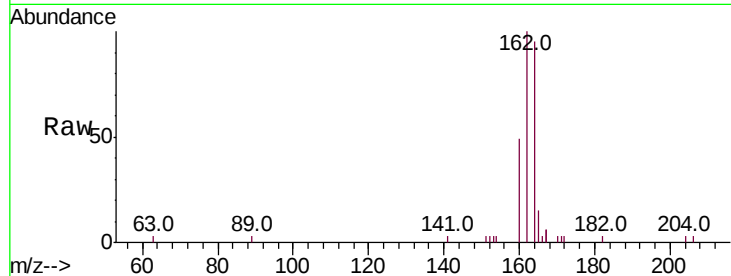
Instrument :

BNA_E

ClientSampleId :

Tot Ion:164 Resp: 2559

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.1	124.7
160	50.9	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

2000

1500

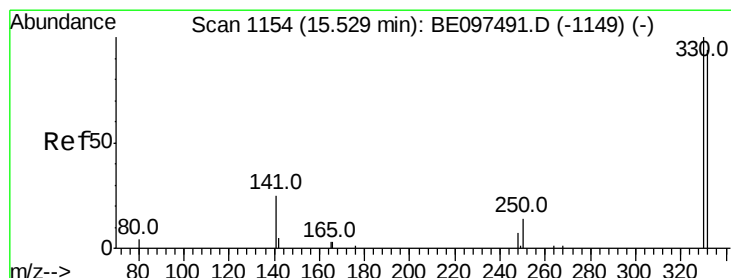
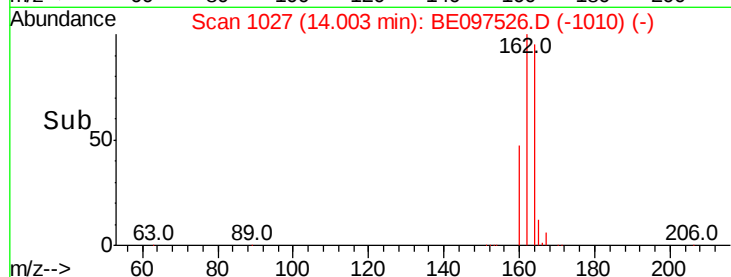
1000

500

0

14.00

Time-->



#14

2,4,6-Tribromophenol

Concen: 0.385 ng

RT: 15.52 min Scan# 1154

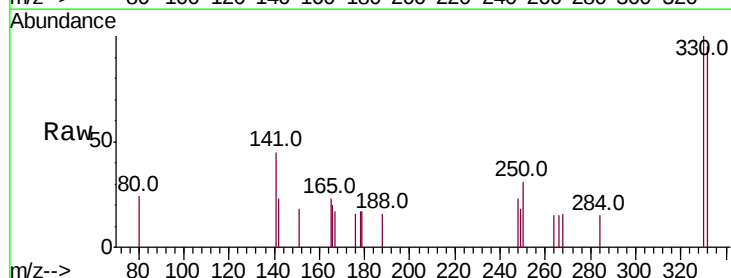
Delta R.T. -0.01 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

Tgt Ion:330 Resp: 520

Ion	Ratio	Lower	Upper
330	100		
332	97.7	152.7	229.1#
141	35.4	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

400

300

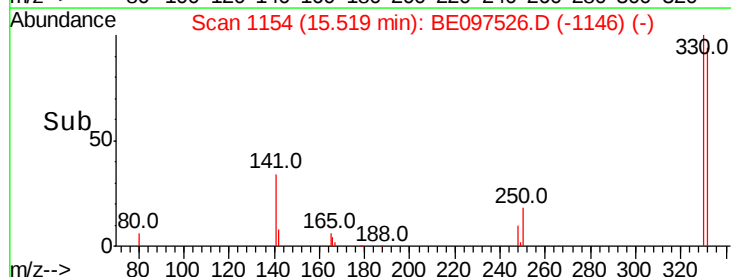
200

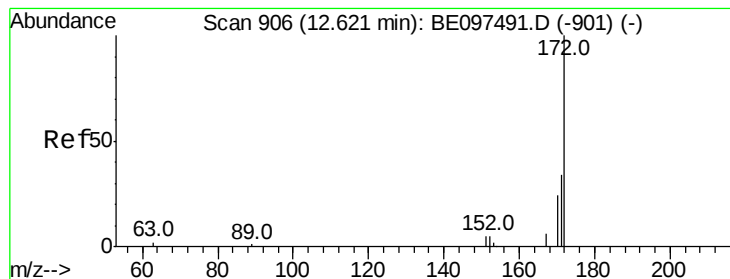
100

0

15.52

Time-->

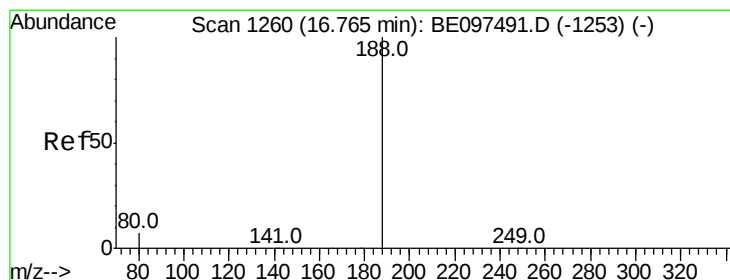
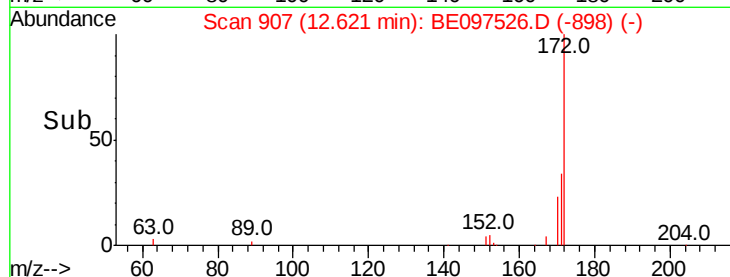
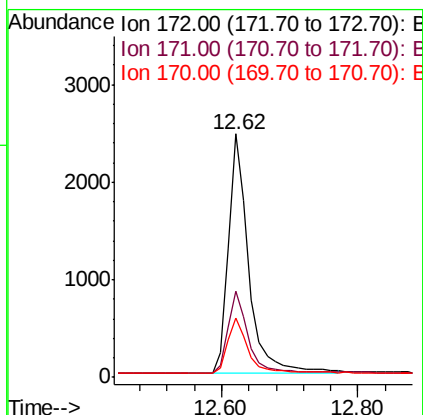
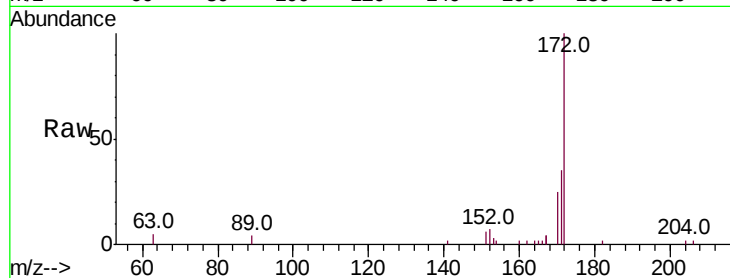




#15
2-Fluorobiphenyl
Concen: 0.572 ng
RT: 12.62 min Scan# 907
Delta R.T. 0.00 min
Lab File: BE097526.D
Acq: 18 Sep 2018 10:36

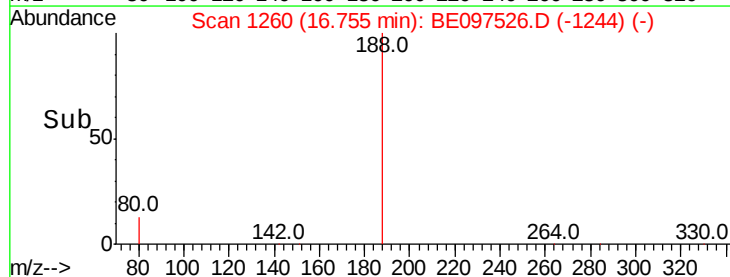
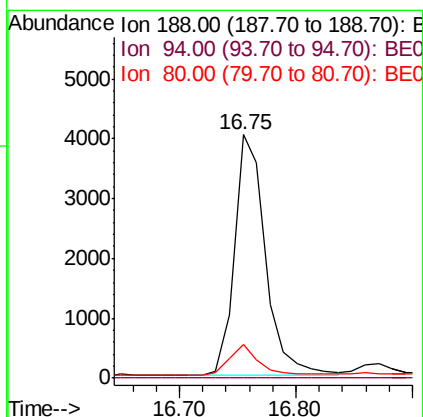
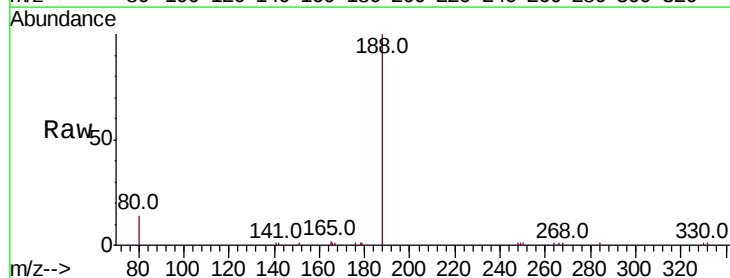
Instrument :
BNA_E
ClientSampleId :

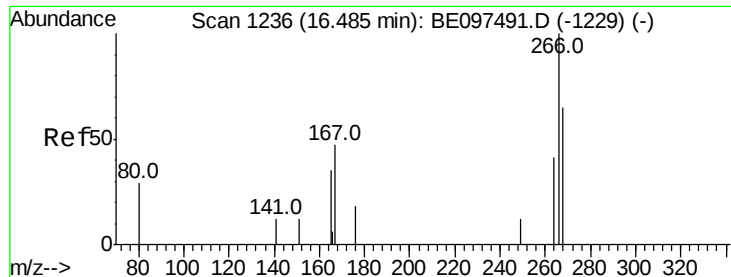
Tot Ion:172 Resp: 5114
Ion Ratio Lower Upper
172 100
171 35.3 29.9 44.9
170 24.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097526.D
Acq: 18 Sep 2018 10:36

Tgt Ion:188 Resp: 7473
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 13.9 3.6 5.4#

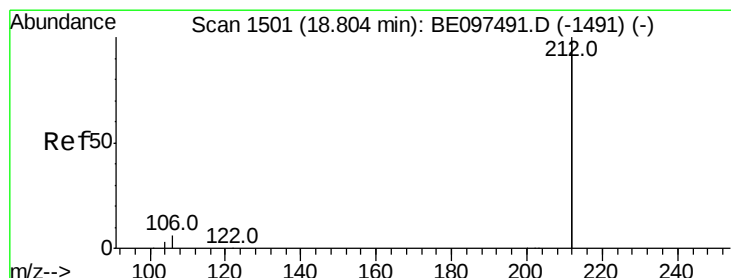
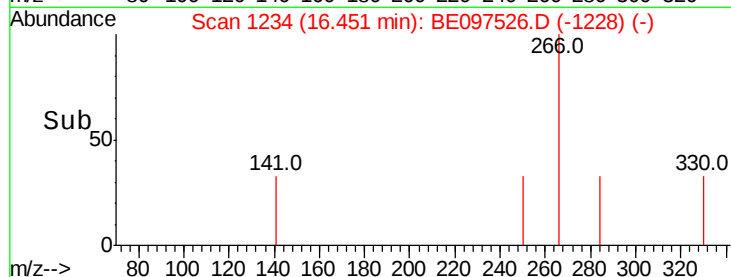
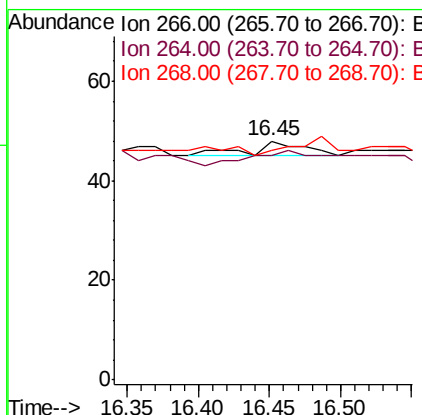
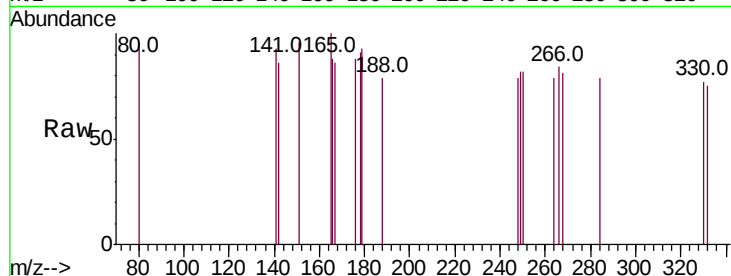




#22
 Pentachlorophenol
 Concen: 0.056 ng
 RT: 16.45 min Scan# 1234
 Delta R.T. -0.03 min
 Lab File: BE097526.D
 Acq: 18 Sep 2018 10:36

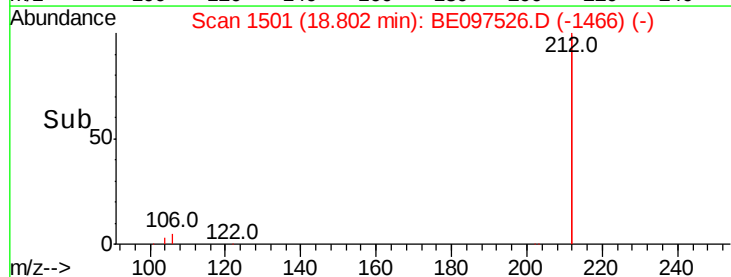
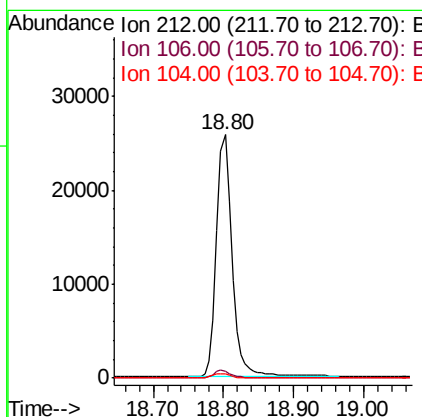
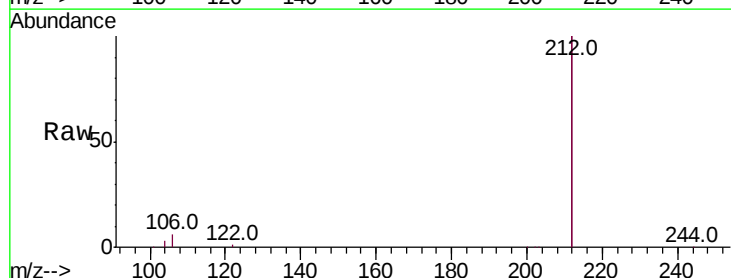
Instrument :
 BNA_E
 ClientSampleId :

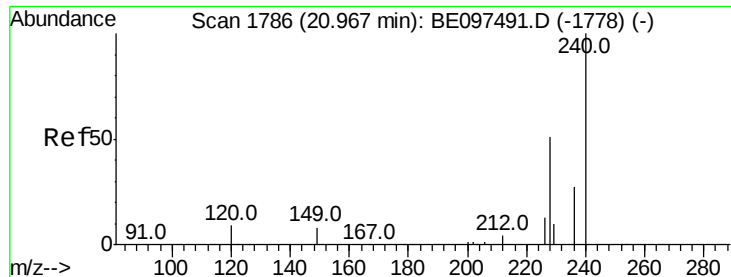
Tot Ion:266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 93.8 72.5 108.7
 268 95.8 73.8 110.6



#25
 Fluoranthene-d10
 Concen: 0.441 ng
 RT: 18.80 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BE097526.D
 Acq: 18 Sep 2018 10:36

Tgt Ion:212 Resp: 39586
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.8 4.2
 104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

Instrument :

BNA_E

ClientSampleId :

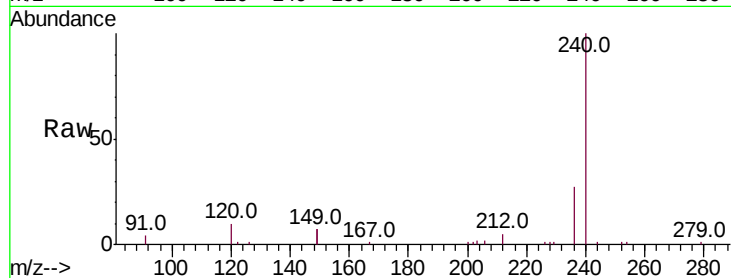
Tot Ion:240 Resp: 8902

Ion Ratio Lower Upper

240 100

120 10.0 5.5 8.3#

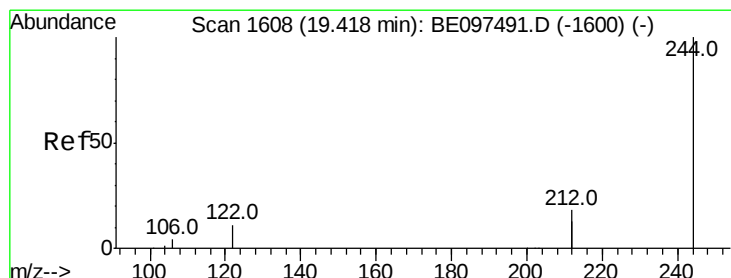
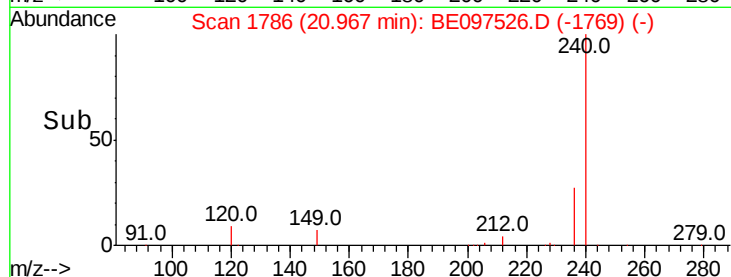
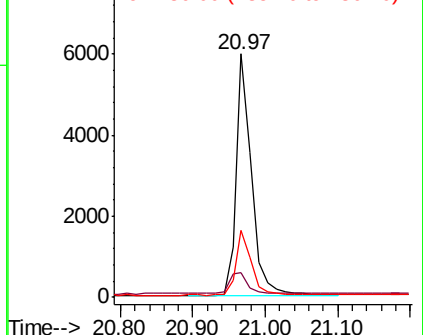
236 27.5 20.7 31.1



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: 0.513 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097526.D

Acq: 18 Sep 2018 10:36

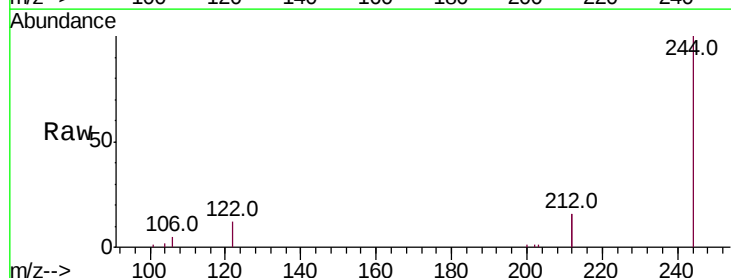
Tgt Ion:244 Resp: 8742

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

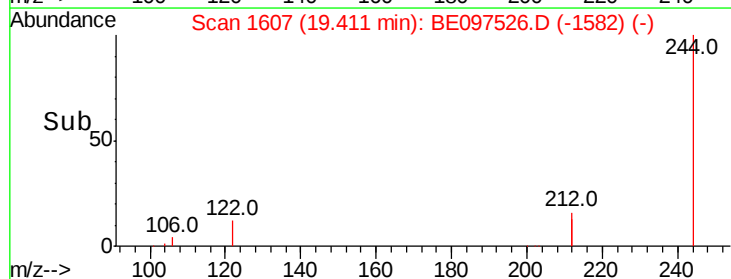
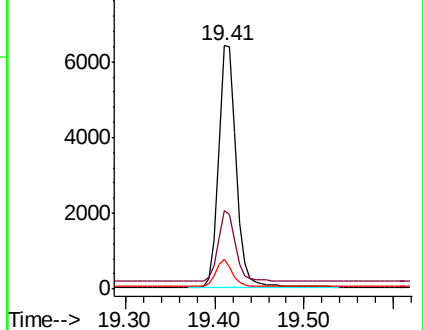
122 12.5 8.1 12.1#

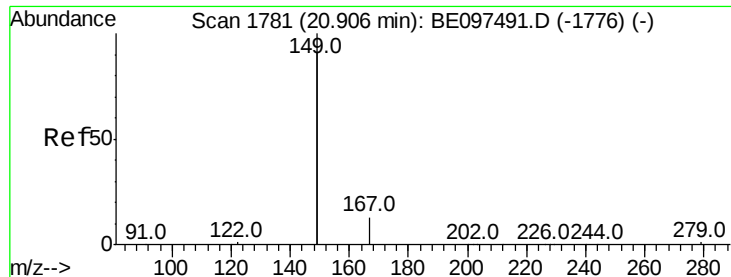


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

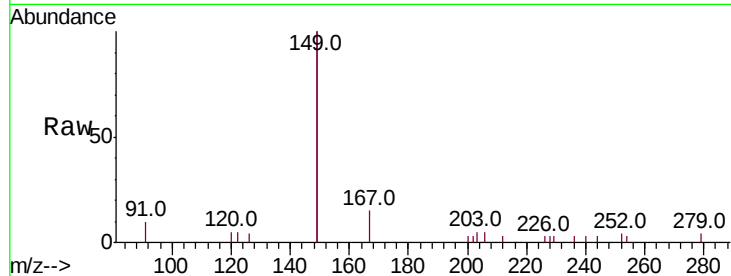




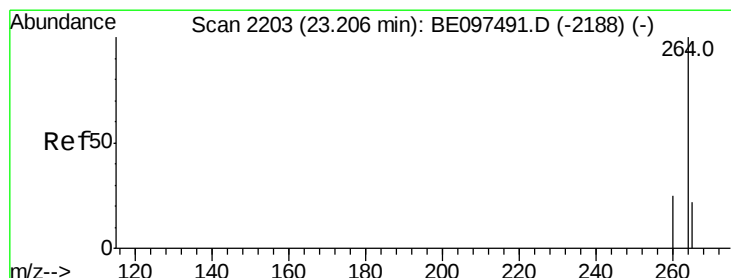
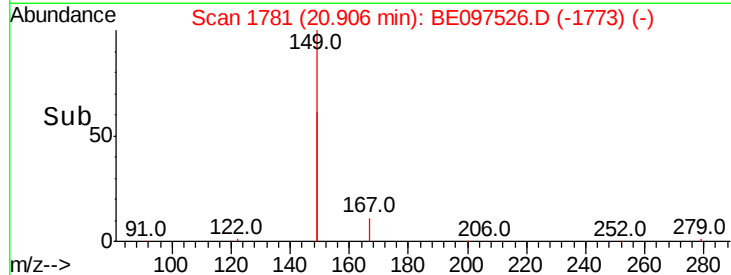
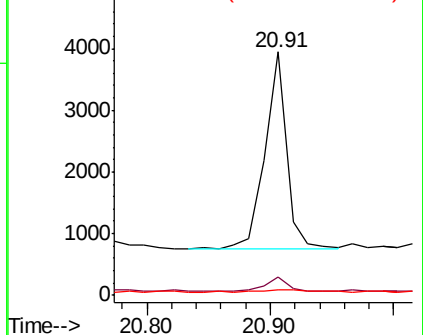
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 20.91 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097526.D
 Acq: 18 Sep 2018 10:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 3969
 Ion Ratio Lower Upper
 149 100
 167 6.6 5.4 8.0
 279 1.1 0.7 1.1#

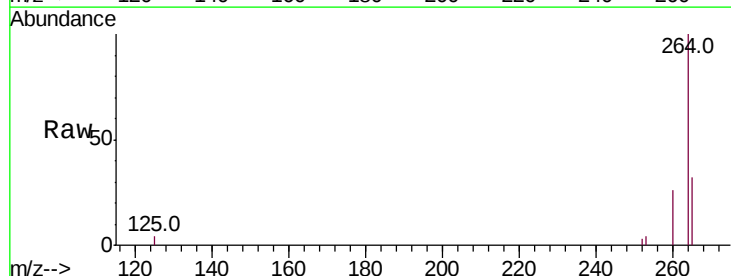


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BE097526.D
 Acq: 18 Sep 2018 10:36

Tgt Ion:264 Resp: 8878
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.5 30.7
 265 31.5 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

