

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101818\
 Data File : BE097975.D
 Acq On : 18 Oct 2018 13:44
 Operator : SJ/JU
 Sample : J5317-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 01:07:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

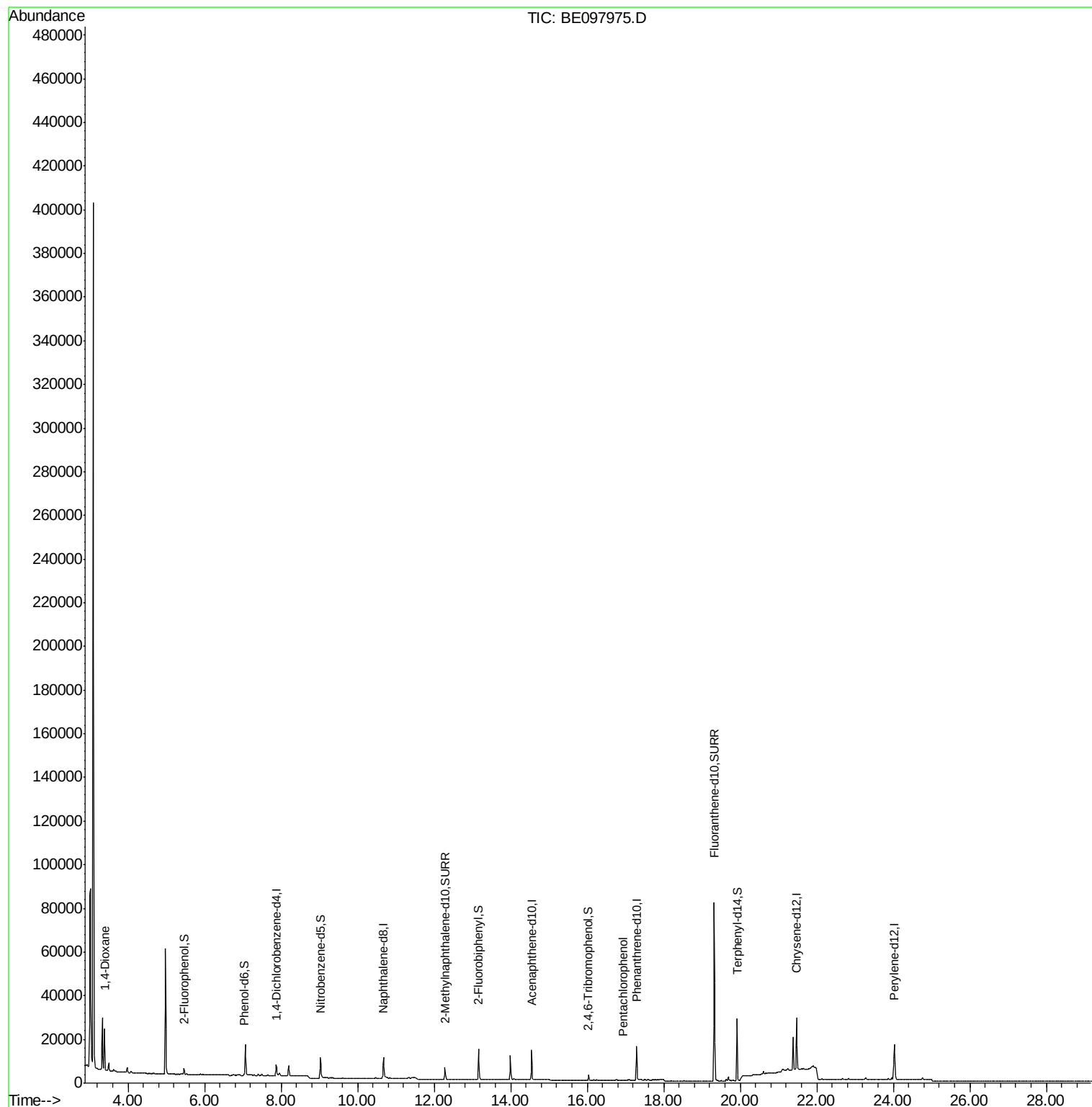
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2279	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	10772	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	7840	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	21130	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	24121	0.40	ng	-0.01
34) Perylene-d12	24.03	264	23700	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1354	0.19	ng	-0.01
5) Phenol-d6	7.04	99	1306	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3894	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	6949	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1471	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	13814	0.43	ng	-0.01
25) Fluoranthene-d10	19.32	212	105954	0.37	ng	-0.01
29) Terphenyl-d14	19.92	244	24135	0.44	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.38	88	11750	2.957	ng	Qvalue 93
22) Pentachlorophenol	16.93	266	9	0.033	ng	# 68
33) Indeno(1,2,3-cd)pyrene	26.71	276	13	Below Cal	#	1

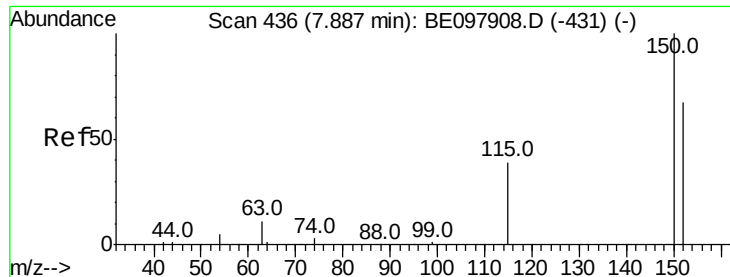
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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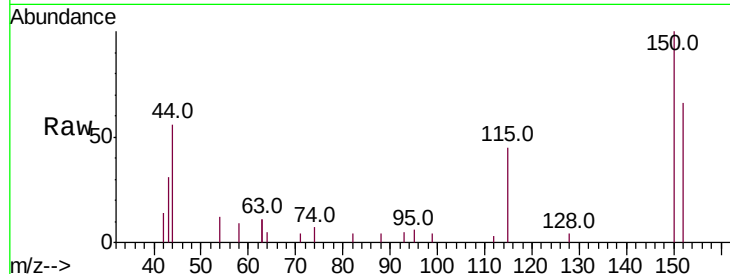


#1

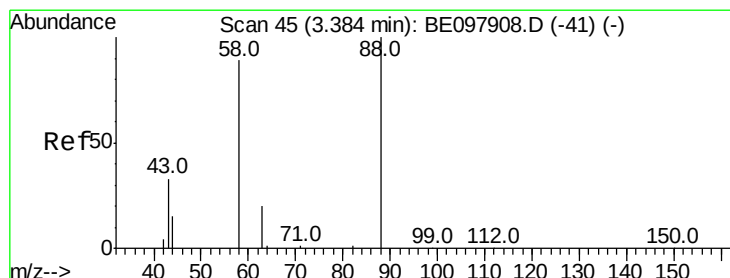
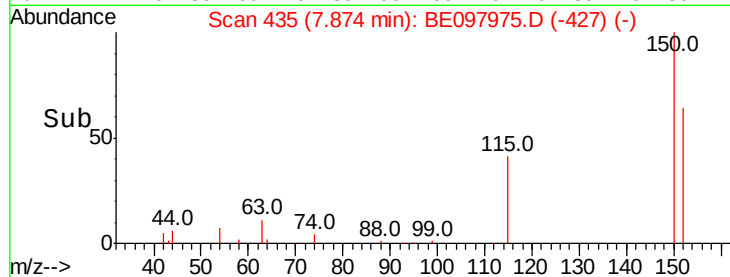
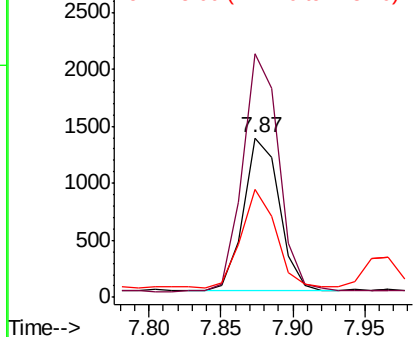
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.01 min
Lab File: BE097975.D
Acq: 18 Oct 2018 13:44

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2279
Ion Ratio Lower Upper
152 100
150 152.5 118.2 177.4
115 68.0 50.9 76.3



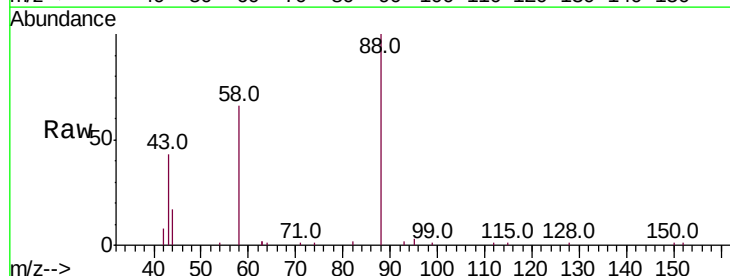
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



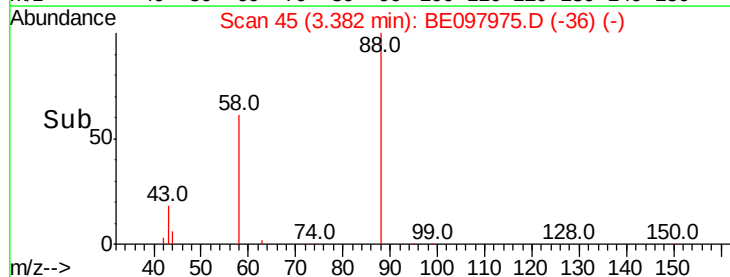
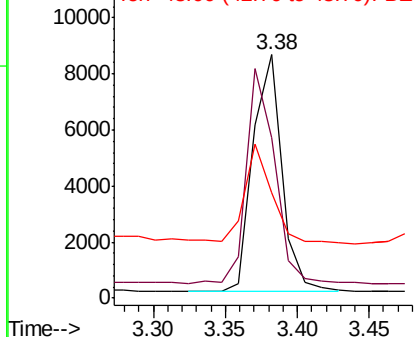
#2

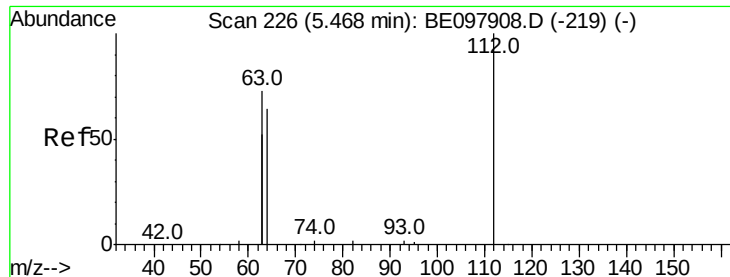
1,4-Dioxane
Concen: 2.957 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE097975.D
Acq: 18 Oct 2018 13:44

Tgt Ion: 88 Resp: 11750
Ion Ratio Lower Upper
88 100
58 87.6 73.2 109.8
43 37.8 36.9 55.3



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: 0.188 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

Instrument :

BNA_E

ClientSampleId :

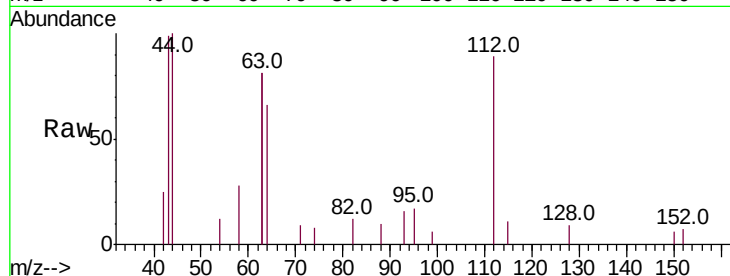
Tot Ion:112 Resp: 1354

Ion Ratio Lower Upper

112 100

64 69.9 58.9 88.3

63 150.1 120.3 180.5



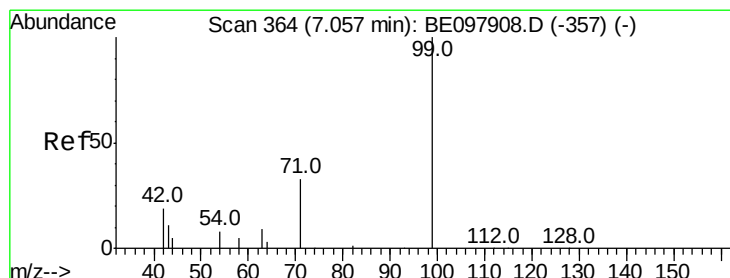
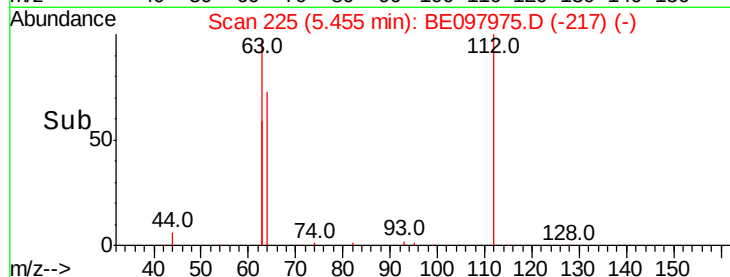
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.46

Time--> 5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.123 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

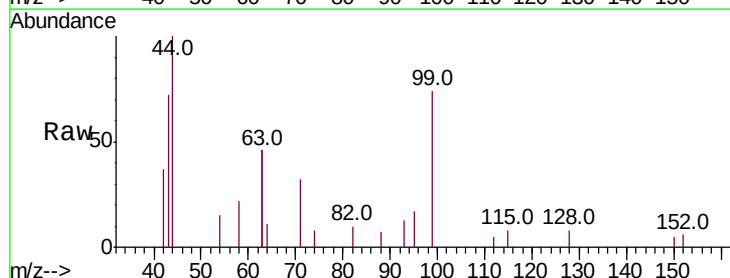
Tgt Ion: 99 Resp: 1306

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

71 37.9 27.8 41.8



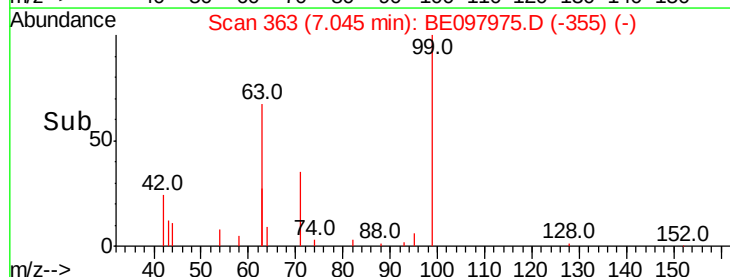
Abundance Ion 99.00 (98.70 to 99.70): BE0

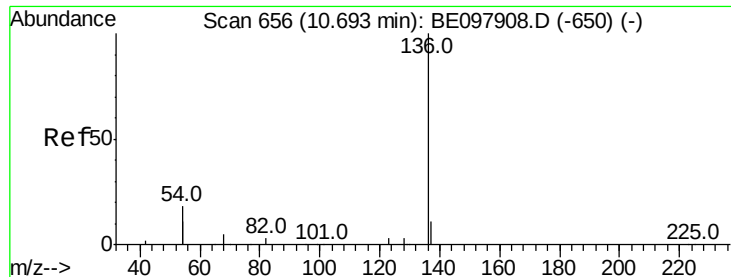
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.04

Time--> 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10772

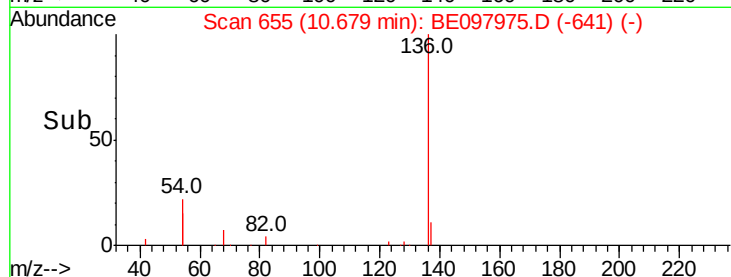
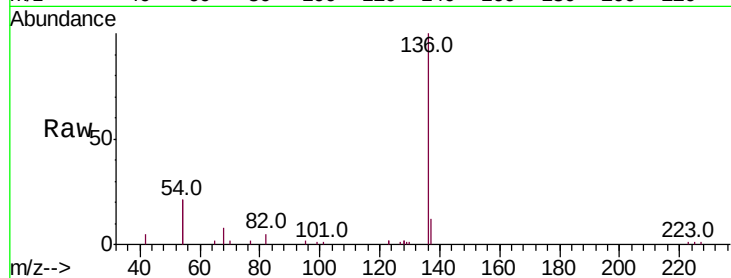
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 42.8 27.7 41.5#

68 7.9 5.3 7.9

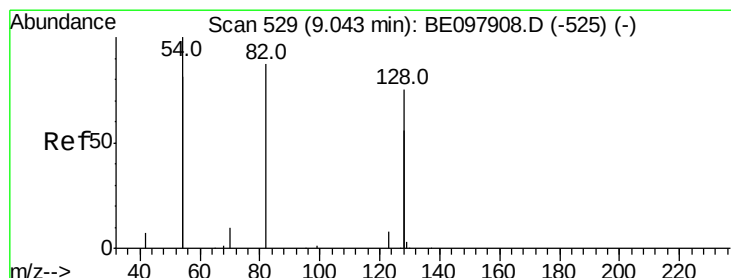
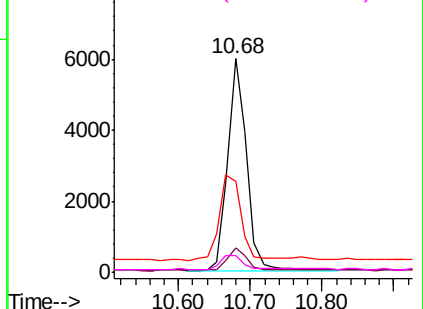


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

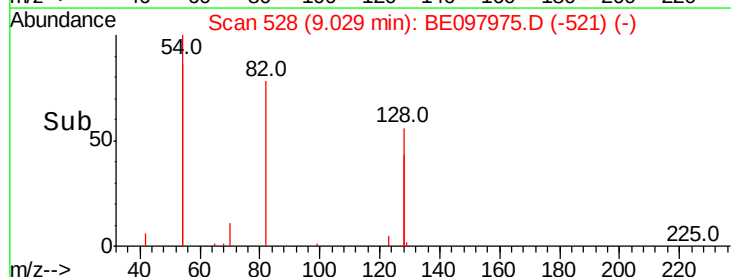
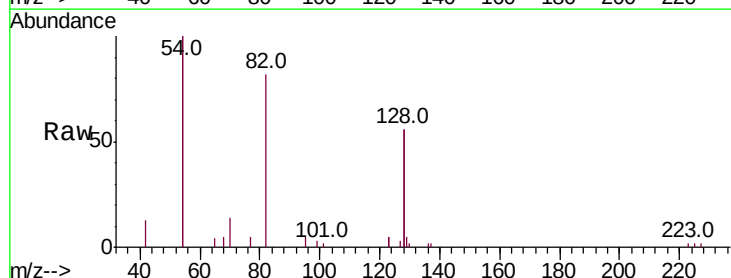
Tgt Ion: 82 Resp: 3894

Ion Ratio Lower Upper

82 100

128 136.9 129.9 194.9

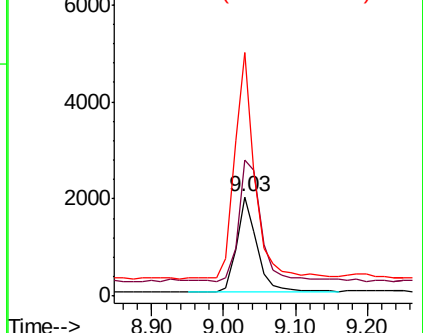
54 244.9 174.0 261.0

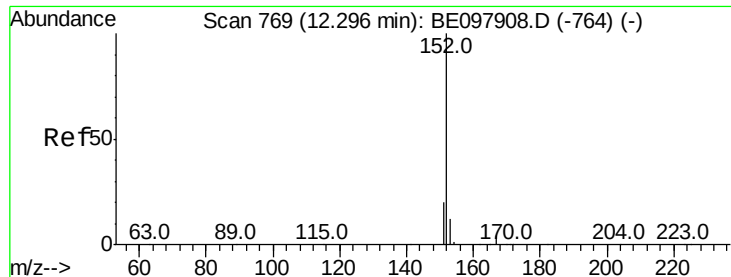


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

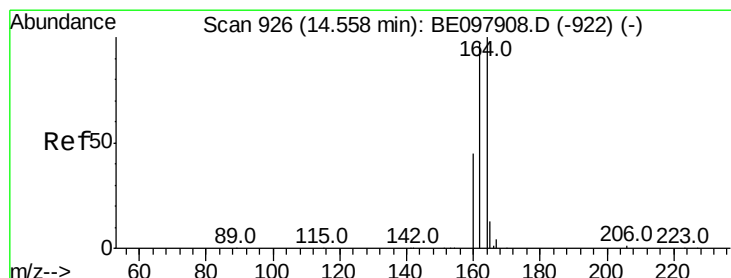
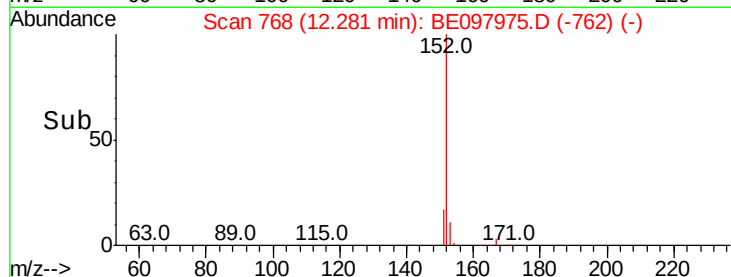
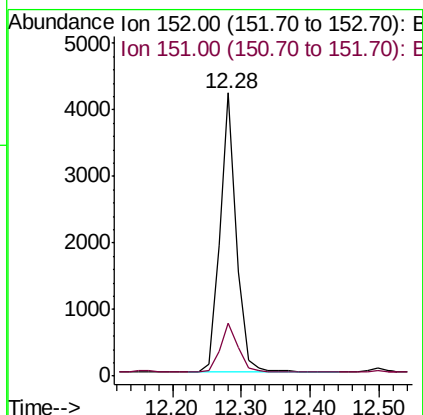
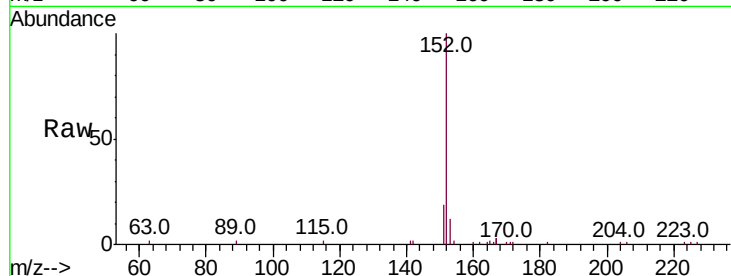




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE097975.D
Acq: 18 Oct 2018 13:44

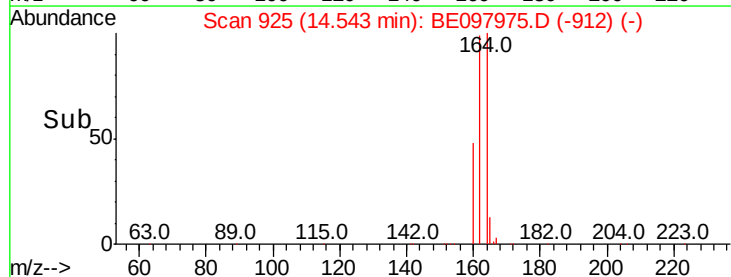
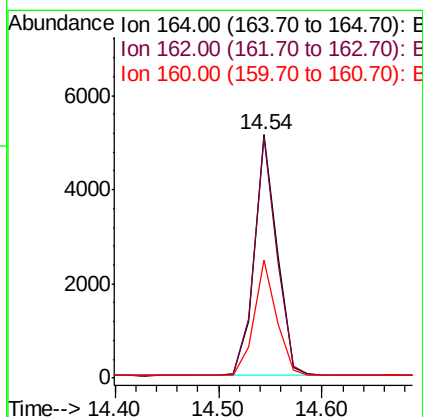
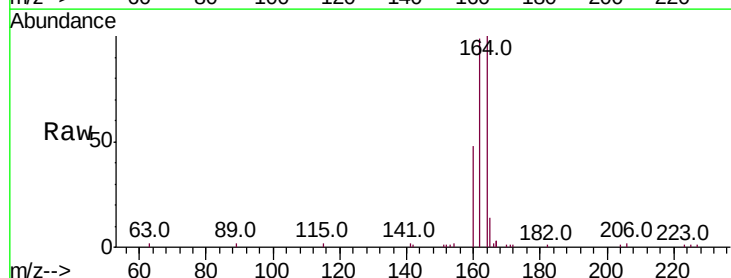
Instrument :
BNA_E
ClientSampleId :

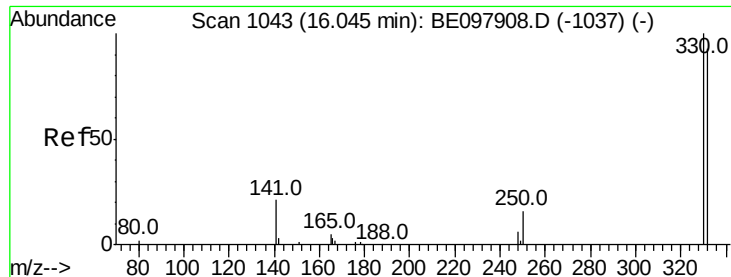
Tot Ion:152 Resp: 6949
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097975.D
Acq: 18 Oct 2018 13:44

Tgt Ion:164 Resp: 7840
Ion Ratio Lower Upper
164 100
162 99.0 77.4 116.2
160 48.3 36.5 54.7

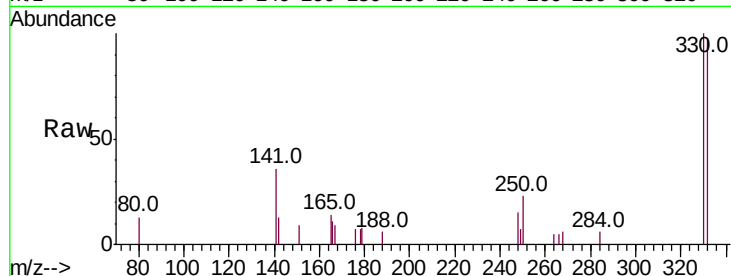




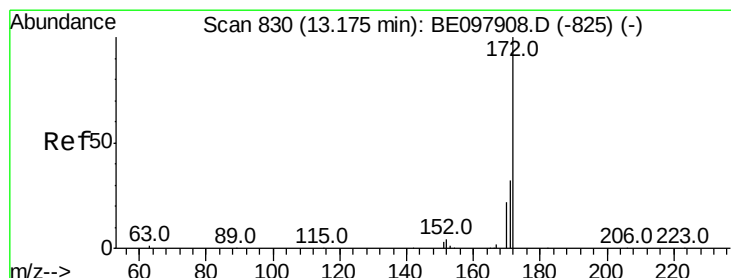
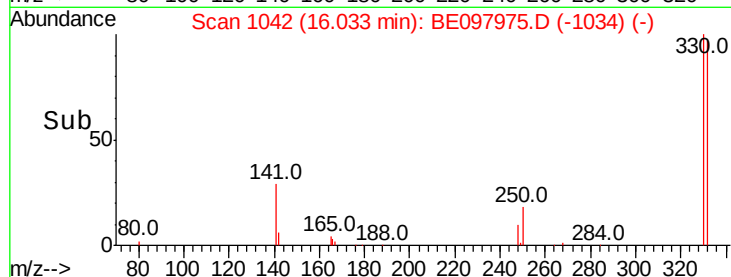
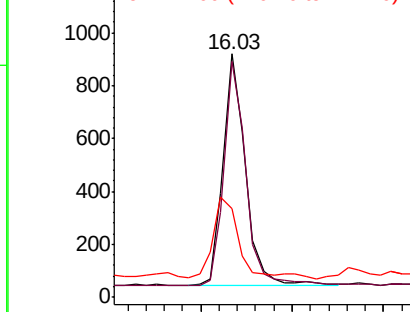
#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097975.D
 Acq: 18 Oct 2018 13:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1471
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.5 114.7
 141 37.5 31.8 47.6

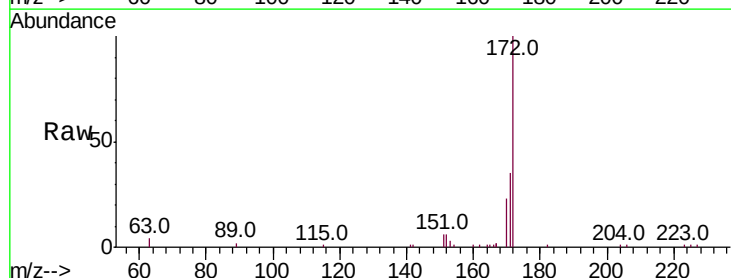


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

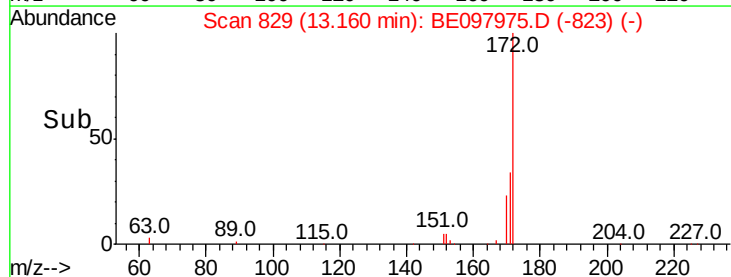
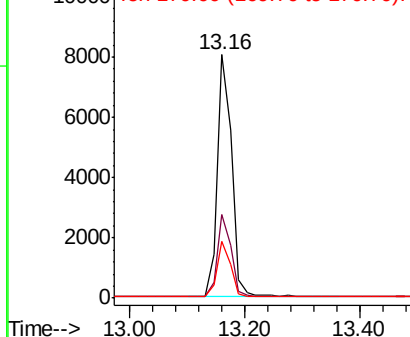


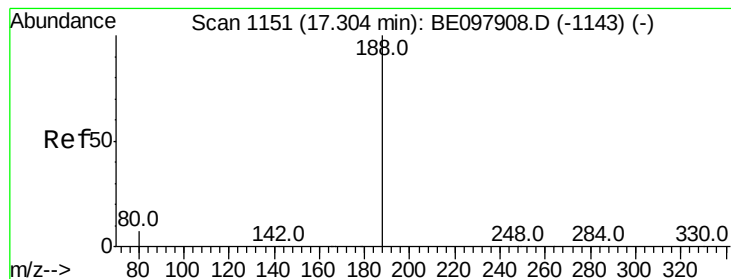
#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 13.16 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE097975.D
 Acq: 18 Oct 2018 13:44

Tgt Ion:172 Resp: 13814
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.0 39.0
 170 23.1 18.0 27.0



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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

Instrument :

BNA_E

ClientSampleId :

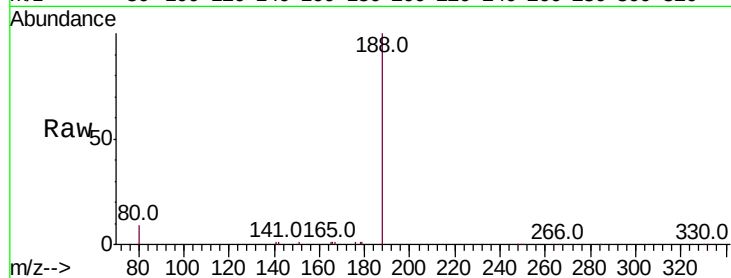
Tot Ion:188 Resp: 21130

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

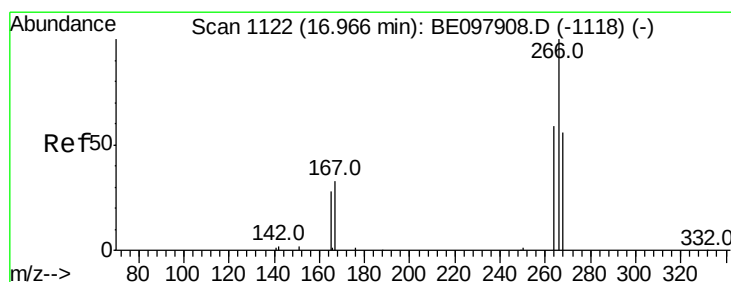
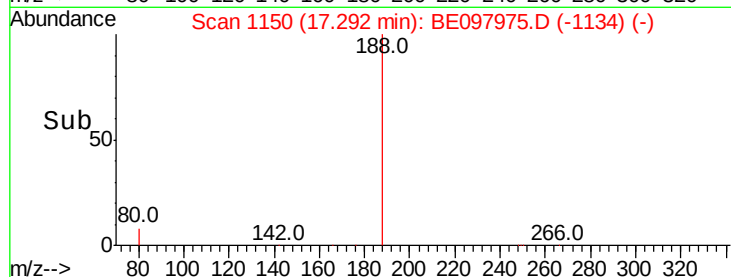
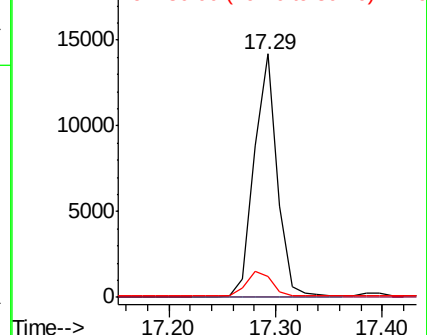
80 8.8 6.3 9.5



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: 0.033 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

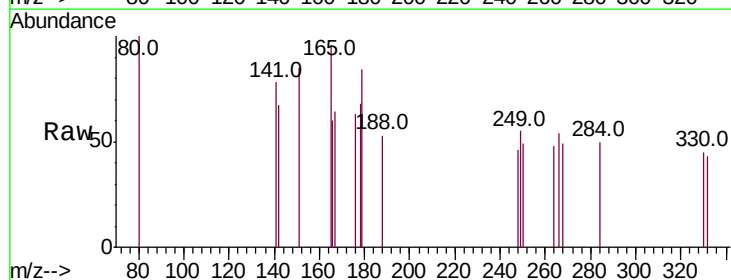
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 87.7 51.3 76.9#

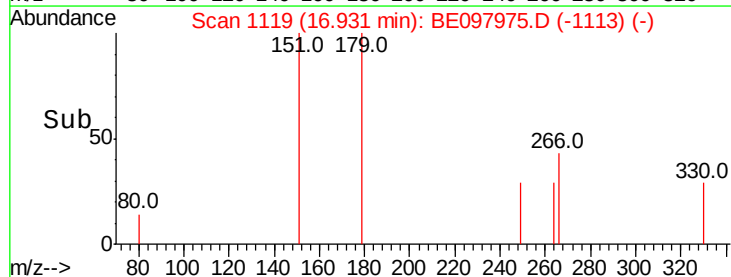
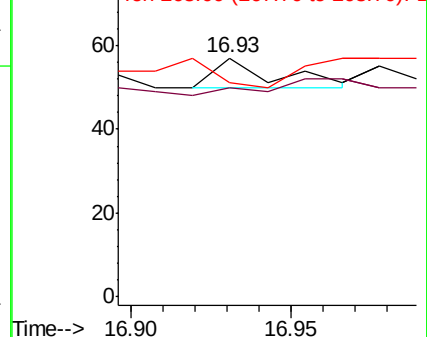
268 89.5 50.1 75.1#

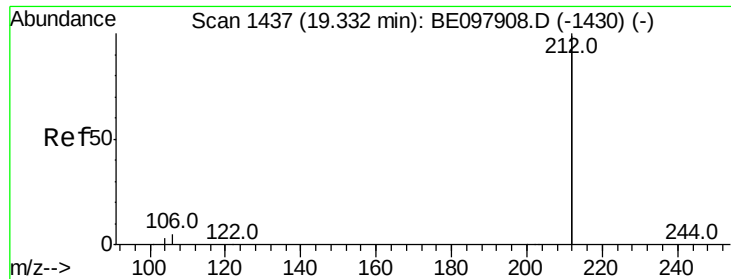


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

Instrument :

BNA_E

ClientSampleId :

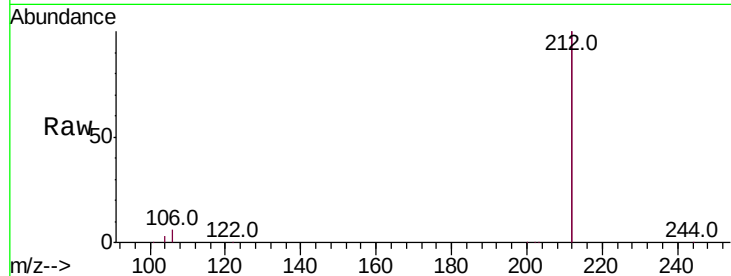
Tot Ion:212 Resp: 105954

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

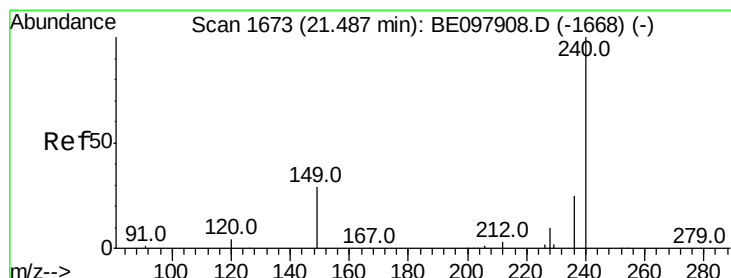
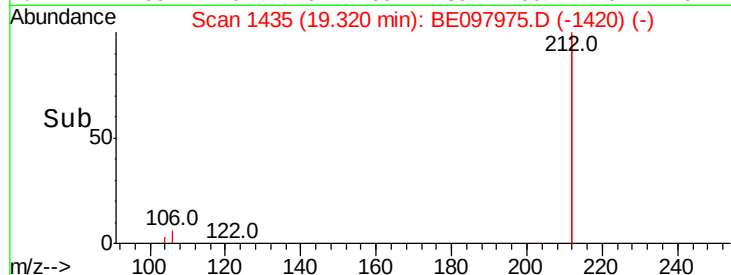
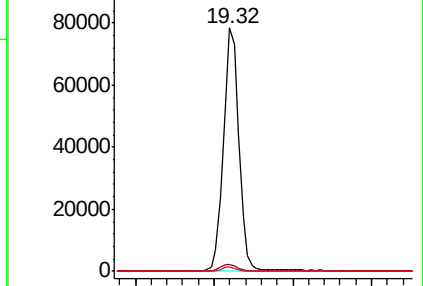
104 1.6 1.3 1.9



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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

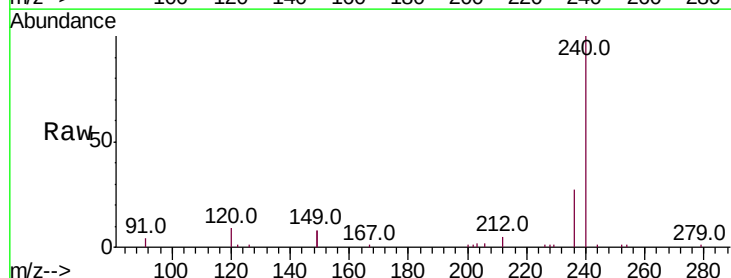
Tgt Ion:240 Resp: 24121

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

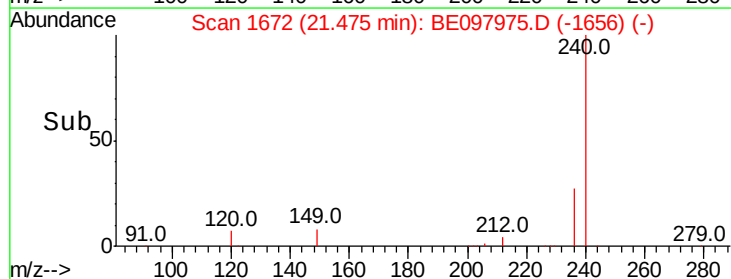
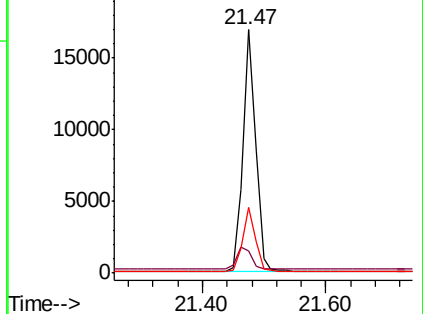
236 27.2 21.3 31.9

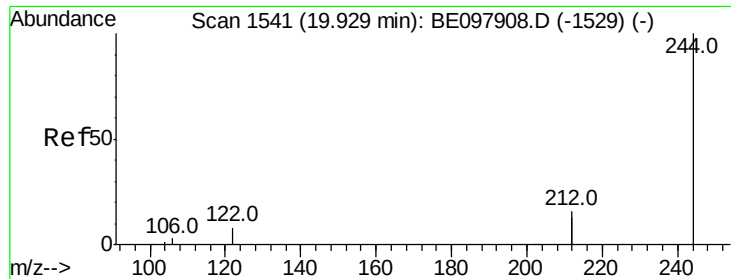


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.437 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

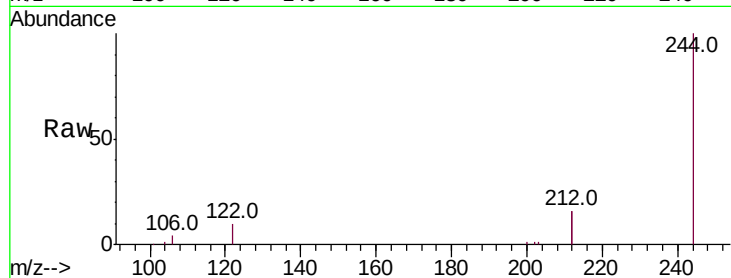
Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

Instrument :

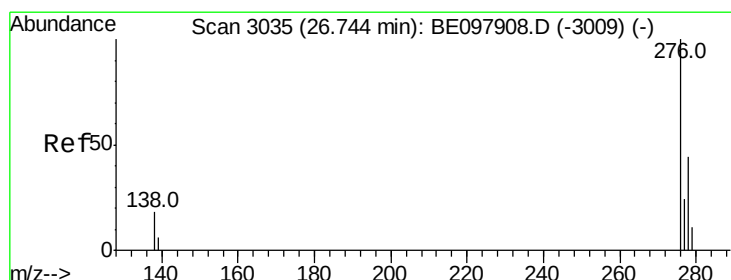
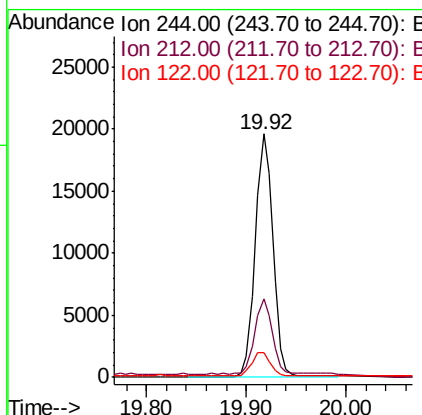
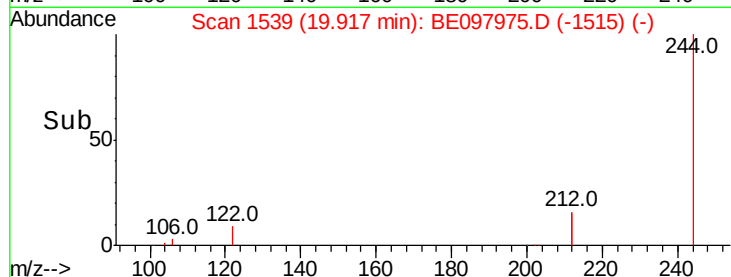
BNA_E

ClientSampleId :



Tot Ion:244 Resp: 24135

Ion	Ratio	Lower	Upper
244	100		
212	32.0	26.2	39.2
122	10.0	7.7	11.5



#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 26.71 min Scan# 3026

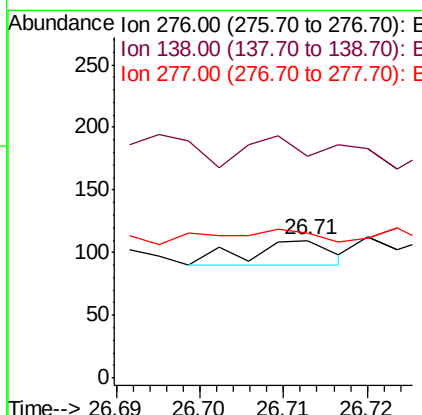
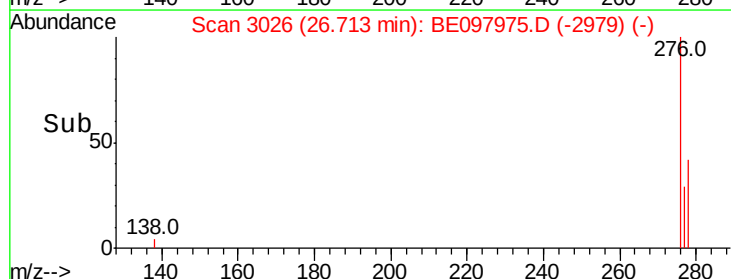
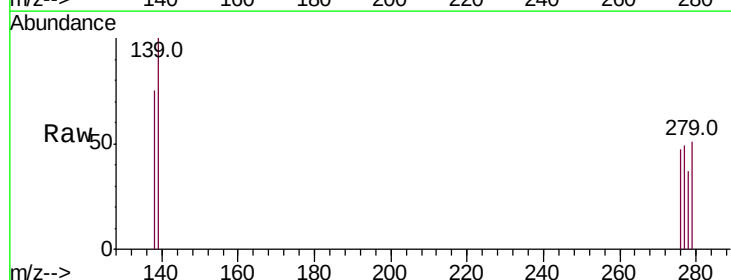
Delta R.T. -0.03 min

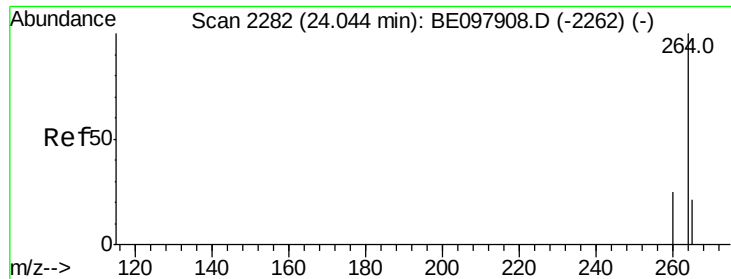
Lab File: BE097975.D

Acq: 18 Oct 2018 13:44

Tgt Ion:276 Resp: 13

Ion	Ratio	Lower	Upper
276	100		
138	146.2	17.0	25.6#
277	84.6	20.5	30.7#

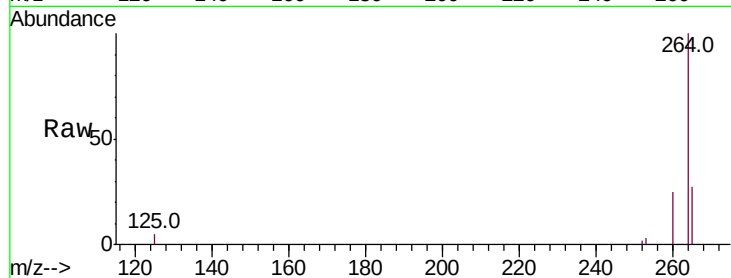




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.03 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BE097975.D
 Acq: 18 Oct 2018 13:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 23700
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.1 31.7
 265 27.0 29.2 43.8#



Abundance Ion 264.00 (263.70 to 264.70): E
 15000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

