

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE082818\
 Data File : BE097377.D
 Acq On : 28 Aug 2018 13:11
 Operator : SJ/JU
 Sample : PB112378BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 28 17:13:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE082218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 18:07:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3652	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1647	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	3974	0.40	ng	0.00
27) Chrysene-d12	20.98	240	3820	0.40	ng	0.01
34) Perylene-d12	23.21	264	4873	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	1103	0.41	ng	0.00
5) Phenol-d6	6.59	99	1170	0.33	ng	0.00
8) Nitrobenzene-d5	8.53	82	991	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2104	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	115	0.21	ng	0.02
15) 2-Fluorobiphenyl	12.63	172	2949	0.49	ng	0.01
25) Fluoranthene-d10	18.81	212	19071	0.42	ng	0.00
29) Terphenyl-d14	19.42	244	3049	0.43	ng	0.00

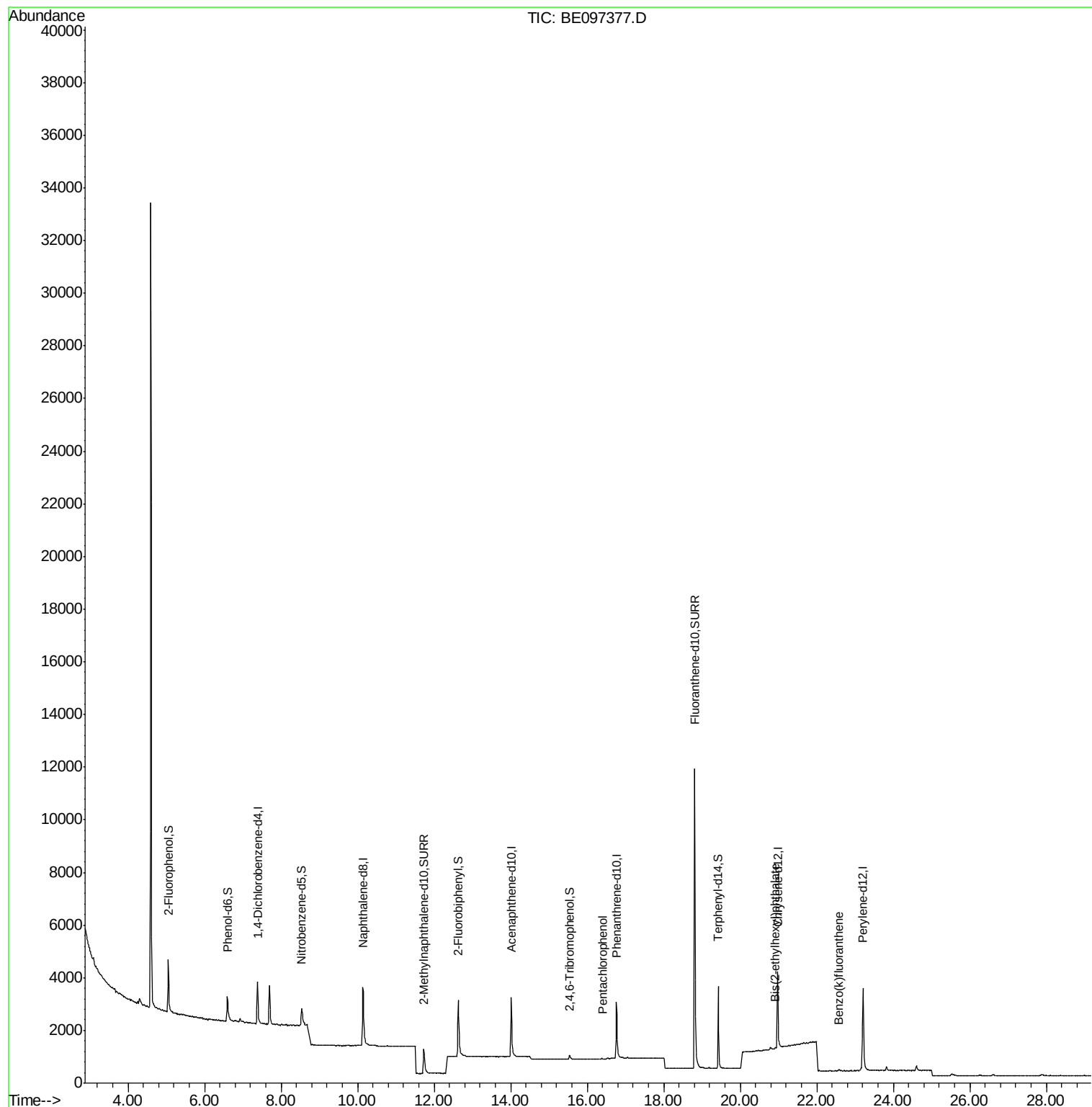
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	16.41	266	2	0.204	ng	91
32) Bis(2-ethylhexyl)phthalate	20.92	149	119	0.098	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.50	276	2	Below Cal	#	48
36) Benzo(k)fluoranthene	22.58	252	10	0.022	ng	# 1
38) Dibenzo(a,h)anthracene	25.52	278	2	Below Cal	#	1
39) Benzo(g,h,i)perylene	26.20	276	4	Below Cal	#	1

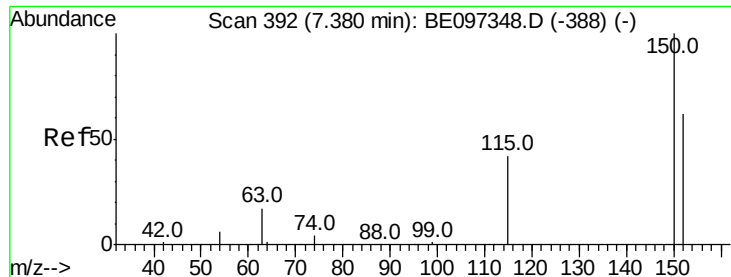
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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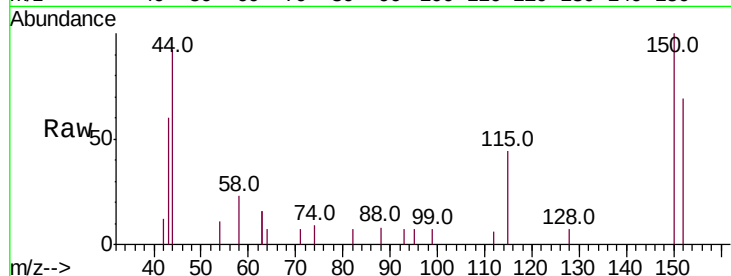


#1

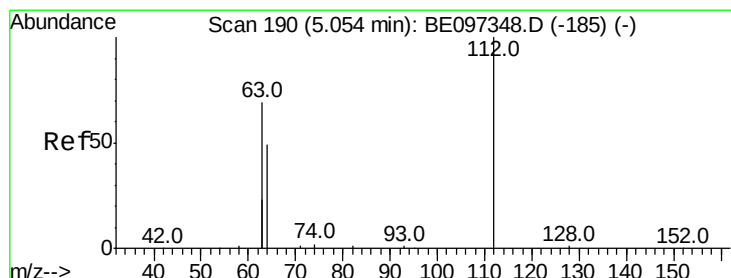
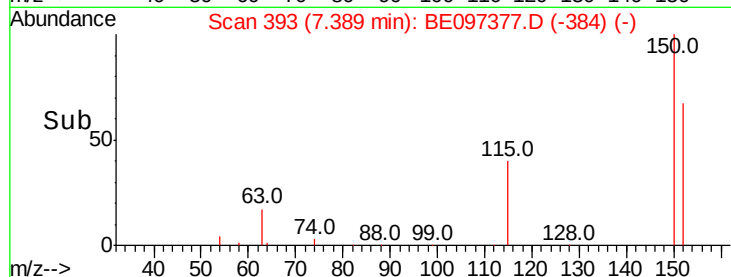
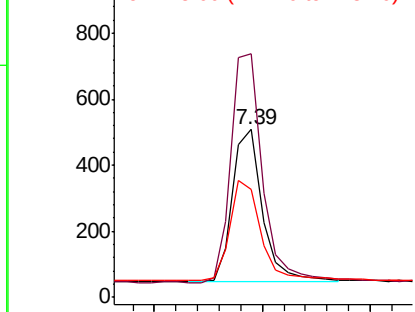
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 904
Ion Ratio Lower Upper
152 100
150 145.1 117.2 175.8
115 64.4 57.0 85.6



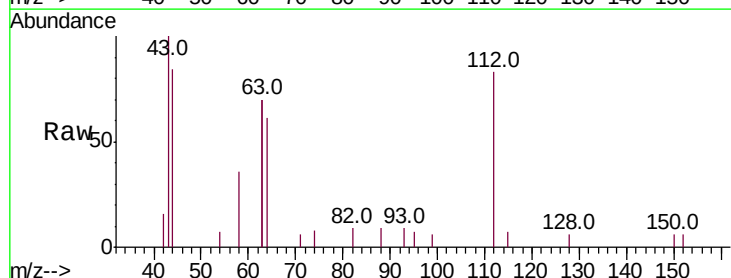
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



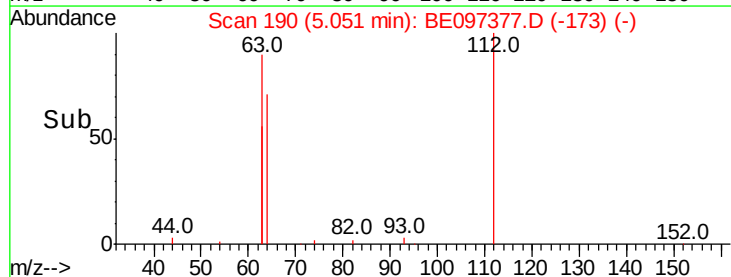
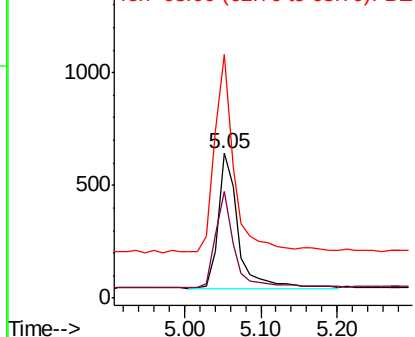
#4

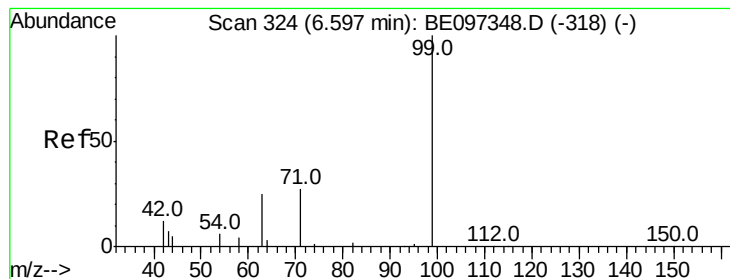
2-Fluorophenol
Concen: 0.413 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:112 Resp: 1103
Ion Ratio Lower Upper
112 100
64 65.7 60.1 90.1
63 142.6 116.8 175.2



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





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

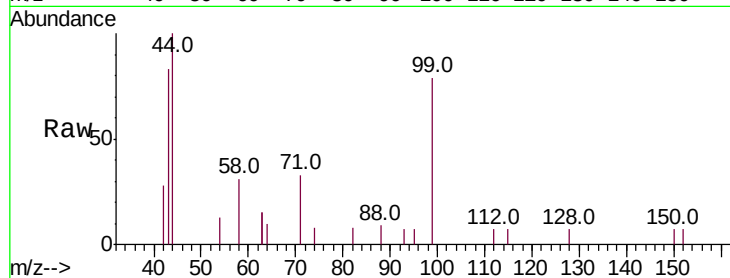
Tot Ion: 99 Resp: 1170

Ion Ratio Lower Upper

99 100

42 20.7 20.2 30.2

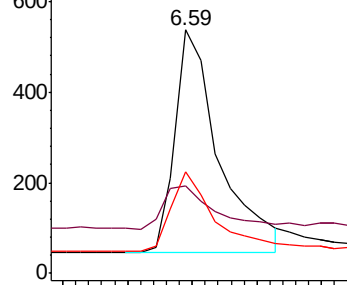
71 35.1 28.4 42.6



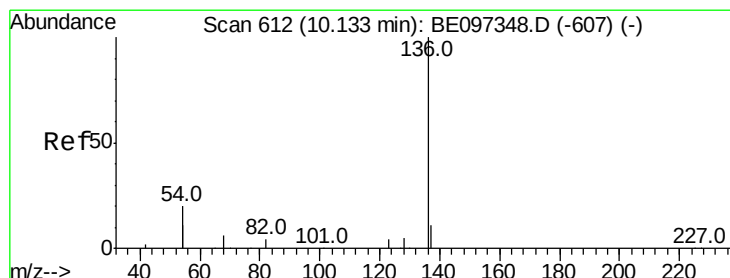
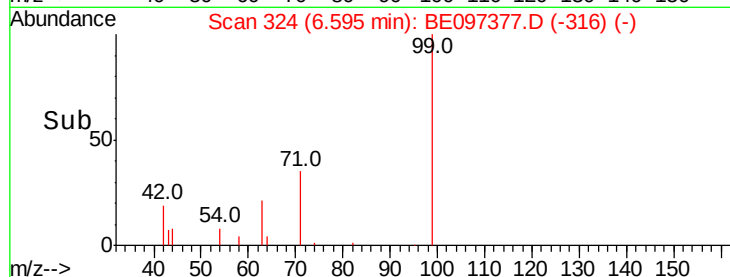
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.50 6.55 6.60 6.65 6.70



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

Tgt Ion: 136 Resp: 3652

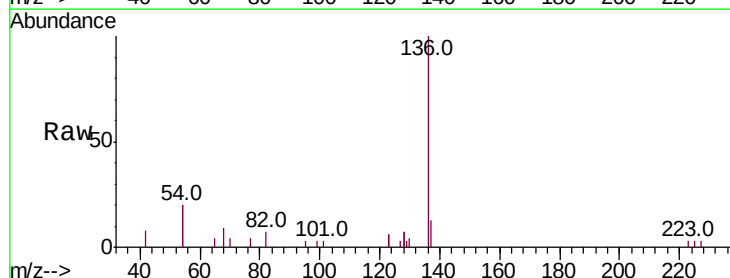
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 39.4 29.1 43.7

68 8.5 6.2 9.2

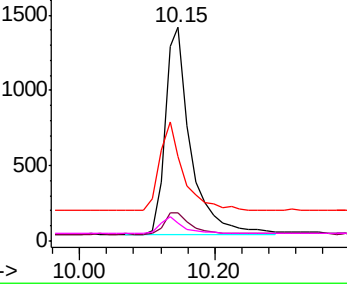


Abundance Ion 136.00 (135.70 to 136.70): E

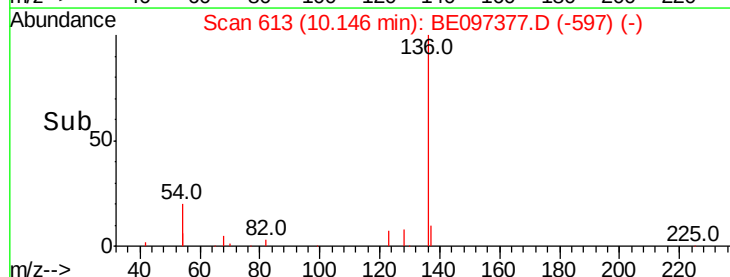
Ion 137.00 (136.70 to 137.70): E

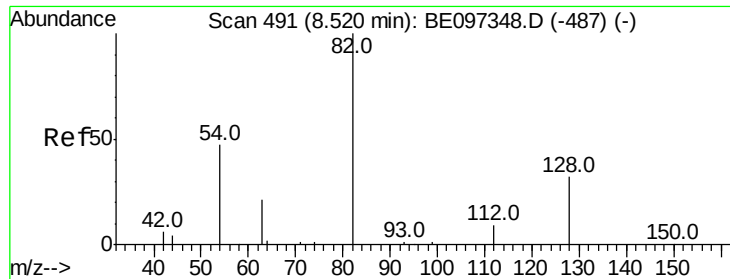
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.00 10.20

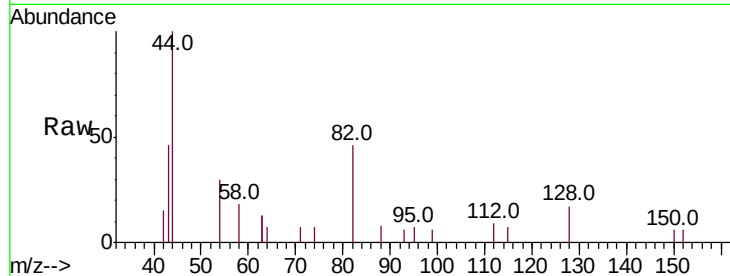




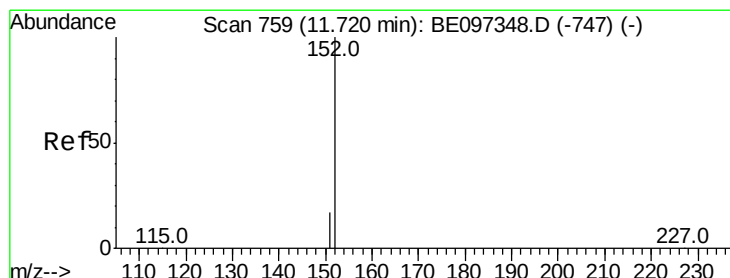
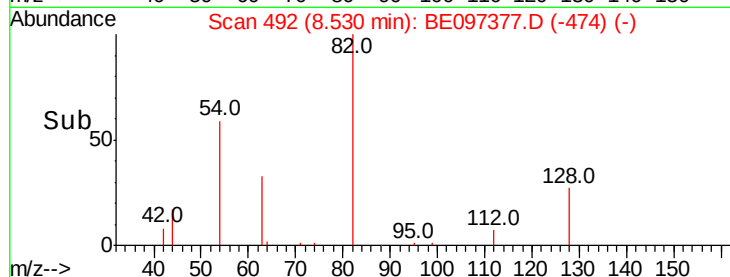
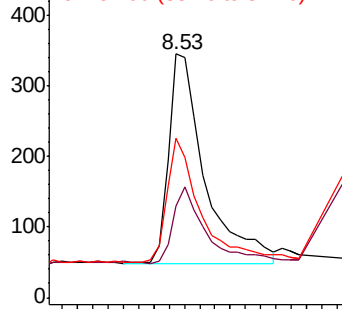
#8
 Nitrobenzene-d5
 Concen: 0.379 ng
 RT: 8.53 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BE097377.D
 Acq: 28 Aug 2018 13:11

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	82	Resp	991
Ion Ratio	100	Lower	Upper
128	37.7	24.0	36.0#
54	65.5	40.0	60.0#

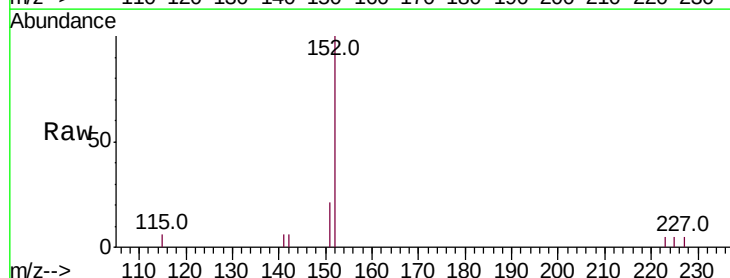


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

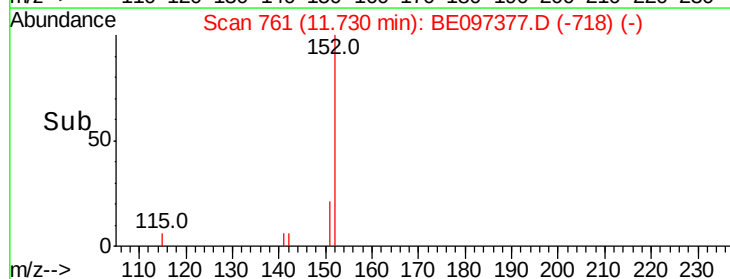
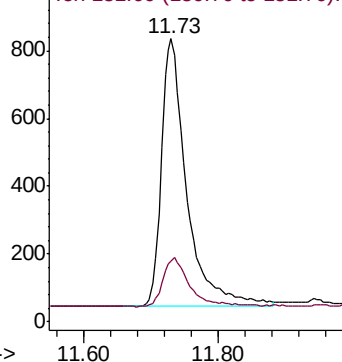


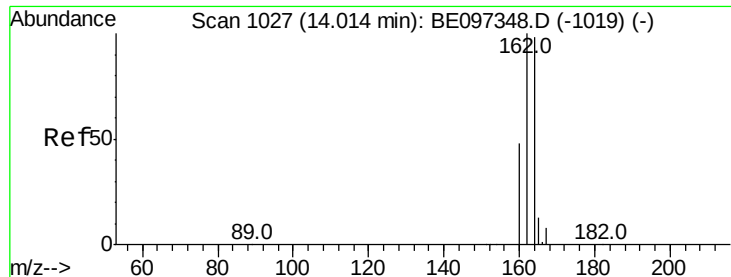
#11
 2-Methylnaphthalene-d10
 Concen: 0.413 ng
 RT: 11.73 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BE097377.D
 Acq: 28 Aug 2018 13:11

Tgt Ion	152	Resp	2104
Ion Ratio	100	Lower	Upper
151	19.7	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: 14.01 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

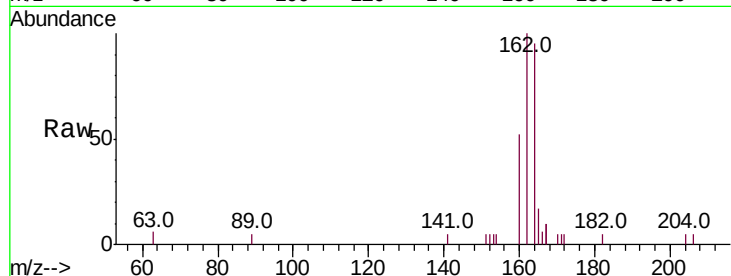
Tot Ion:164 Resp: 1647

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

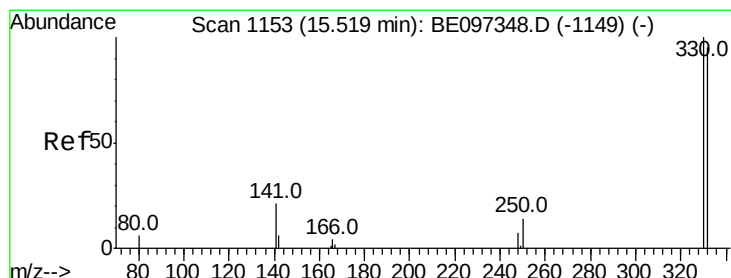
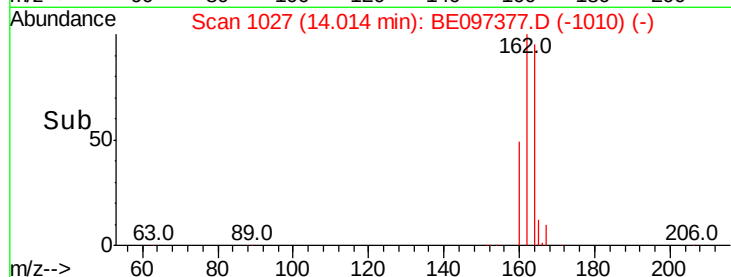
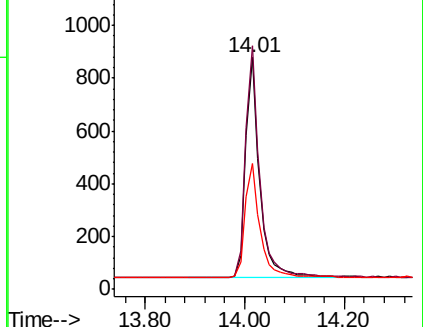
160 54.2 37.1 55.7



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: 0.206 ng

RT: 15.54 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

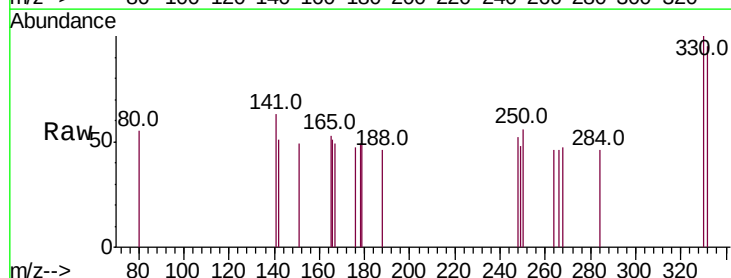
Tgt Ion:330 Resp: 115

Ion Ratio Lower Upper

330 100

332 102.6 152.7 229.1#

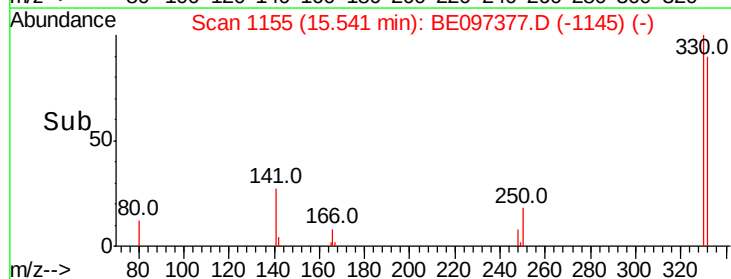
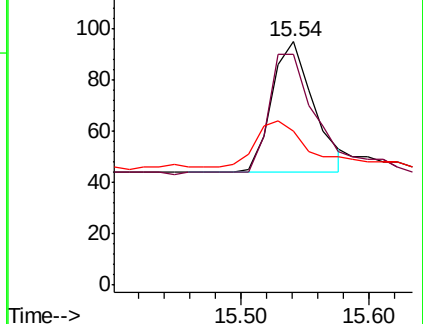
141 39.1 33.7 50.5

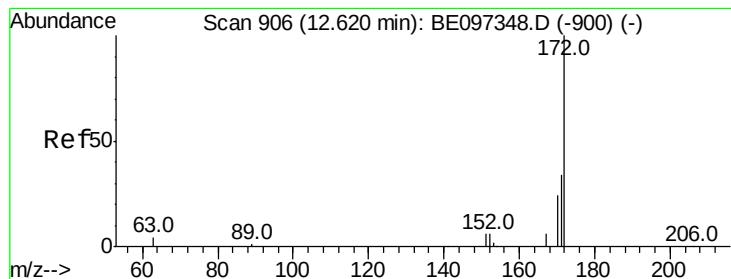


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.488 ng

RT: 12.63 min Scan# 907

Delta R.T. 0.01 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

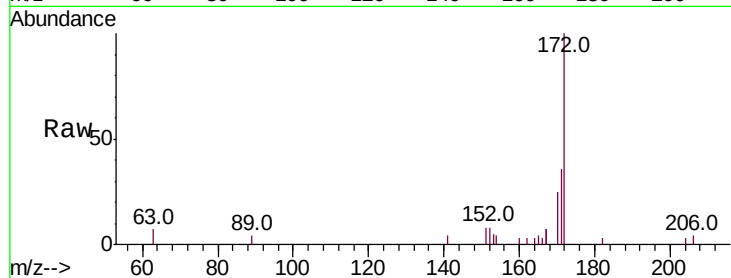
Tot Ion:172 Resp: 2949

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

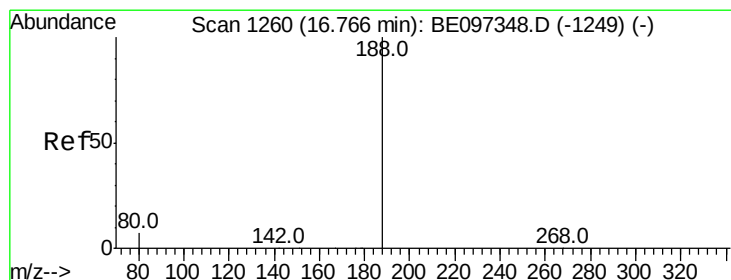
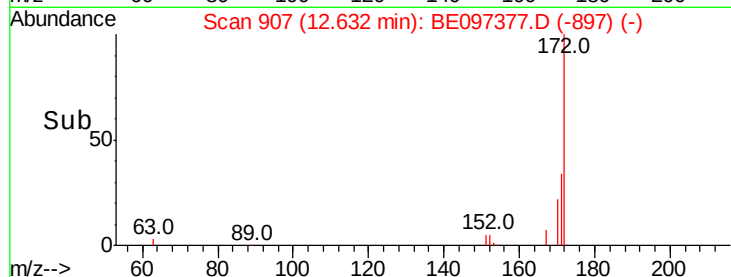
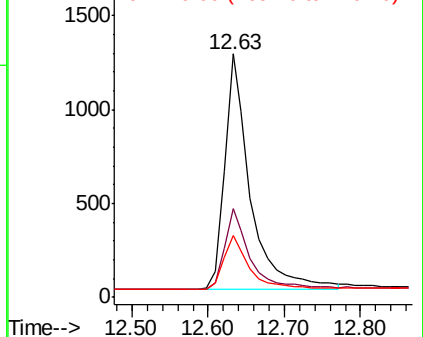
170 25.3 21.8 32.8



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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

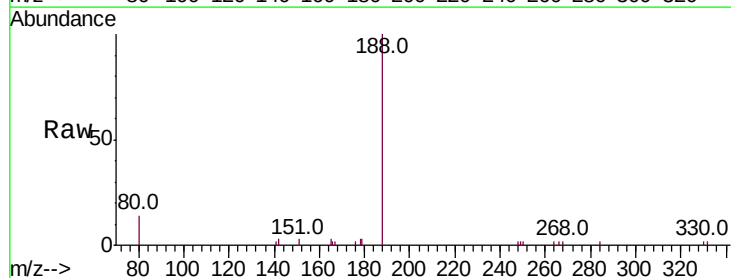
Tgt Ion:188 Resp: 3974

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

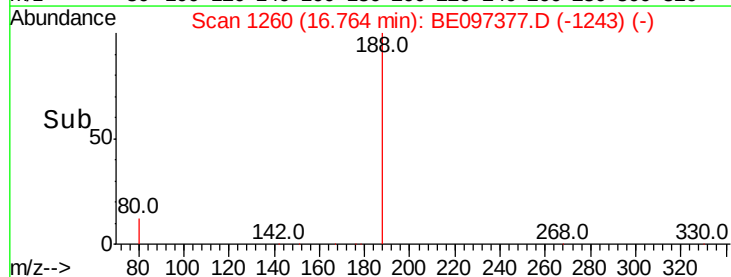
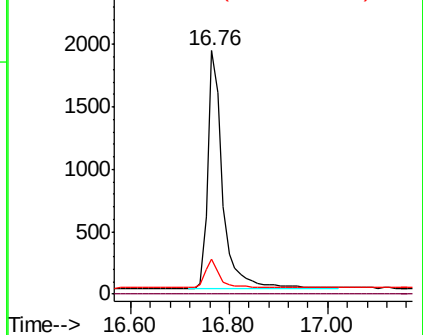
80 14.4 3.6 5.4#

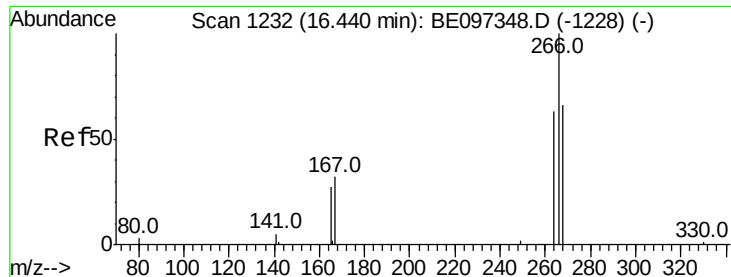


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



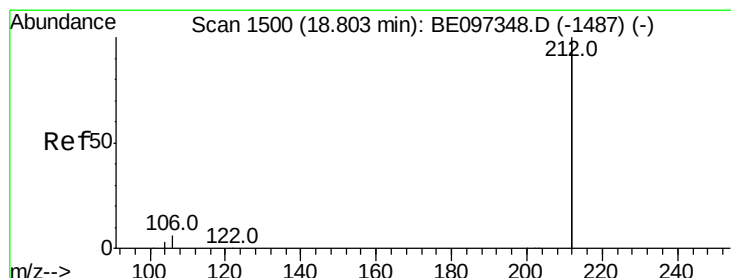
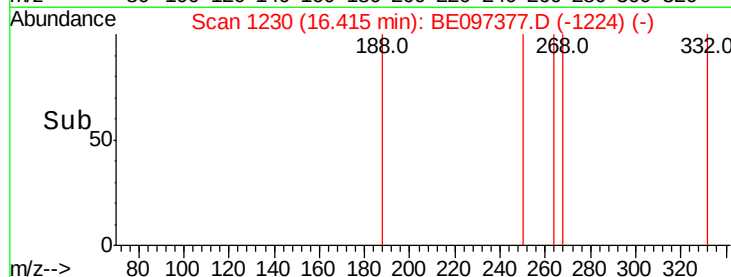
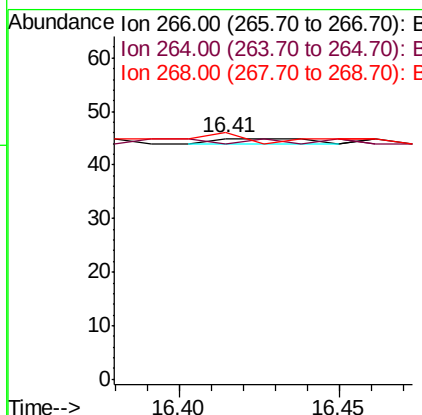
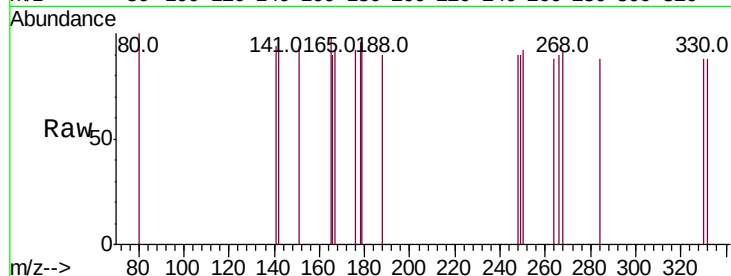


#22
 Pentachlorophenol
 Concen: 0.204 ng
 RT: 16.41 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BE097377.D
 Acq: 28 Aug 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 2

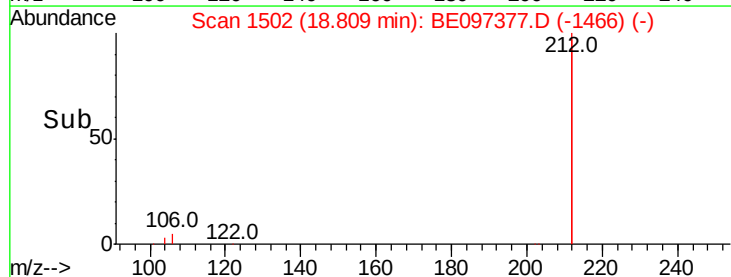
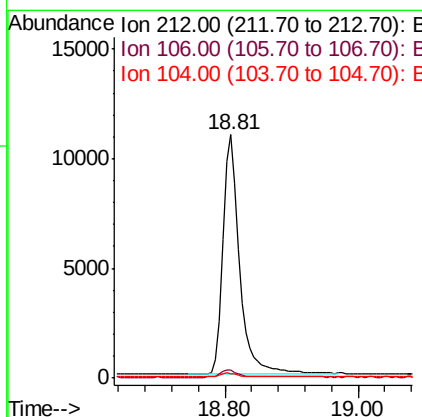
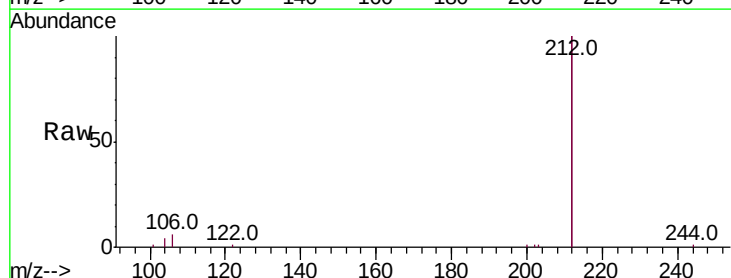
Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	73.8	110.6

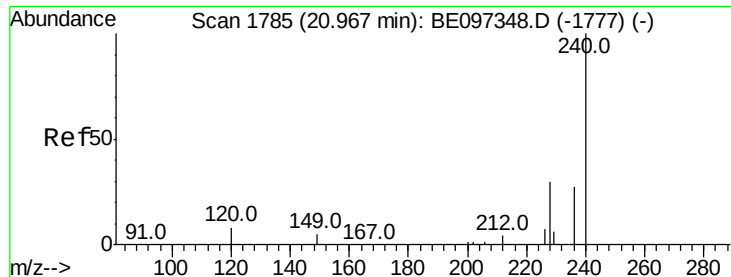


#25
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 18.81 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BE097377.D
 Acq: 28 Aug 2018 13:11

Tgt Ion:212 Resp: 19071

Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.6	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

Instrument :

BNA_E

ClientSampleId :

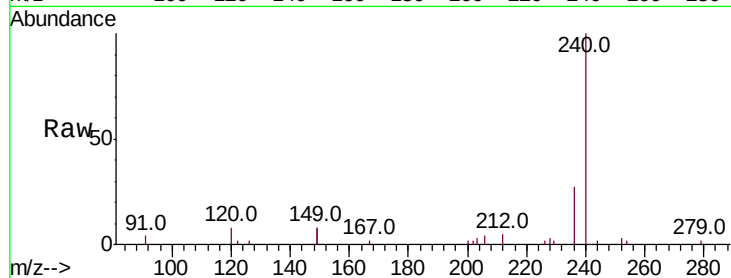
Tot Ion:240 Resp: 3820

Ion Ratio Lower Upper

240 100

120 7.5 5.5 8.3

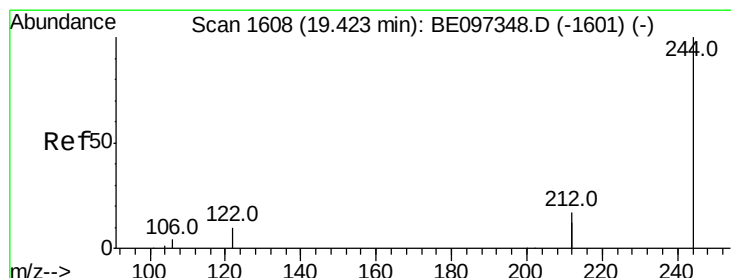
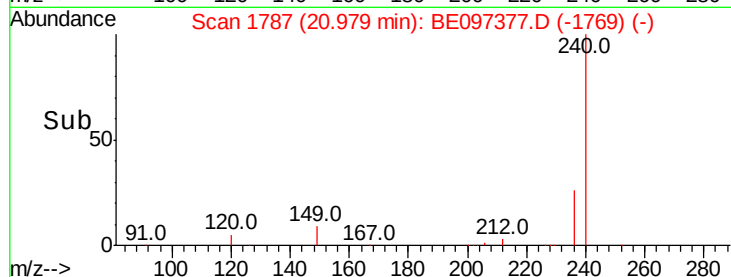
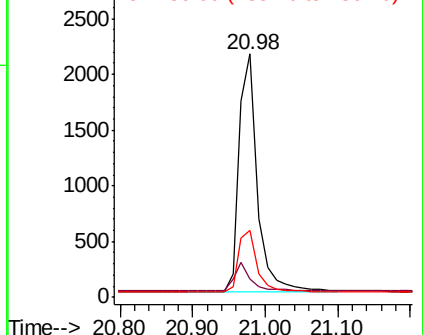
236 27.4 20.7 31.1



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: 0.432 ng

RT: 19.42 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

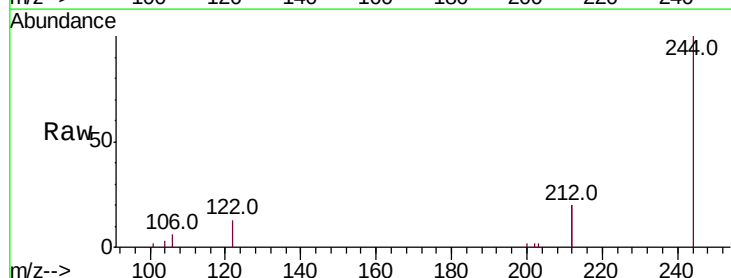
Tgt Ion:244 Resp: 3049

Ion Ratio Lower Upper

244 100

212 39.2 25.4 38.0#

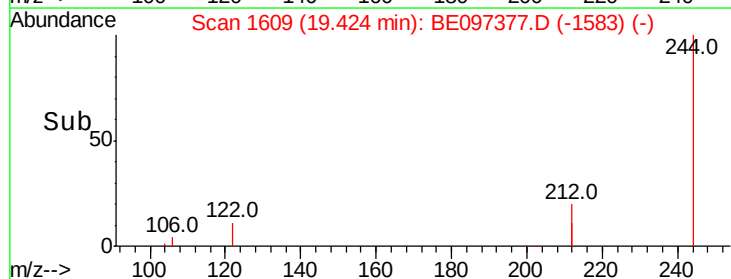
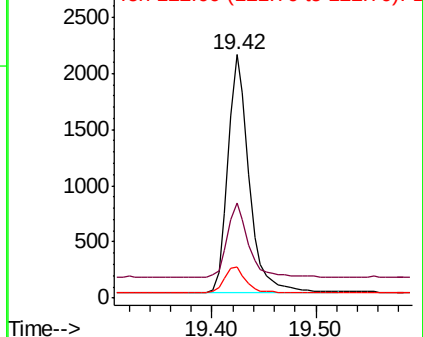
122 12.7 8.1 12.1#

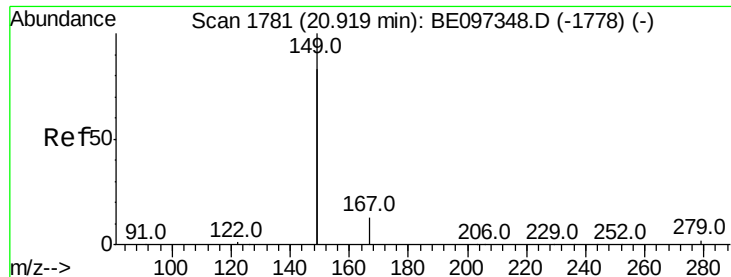


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.098 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

Instrument :

BNA_E

ClientSampled :

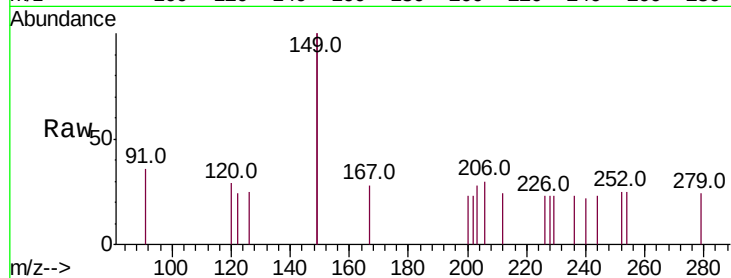
Tot Ion:149 Resp: 119

Ion Ratio Lower Upper

149 100

167 9.2 5.4 8.0#

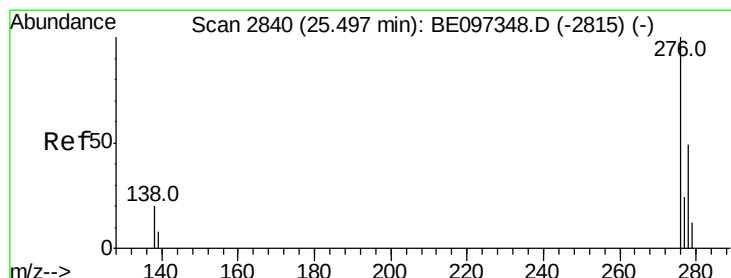
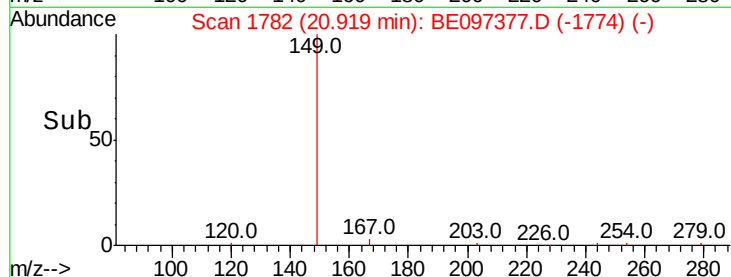
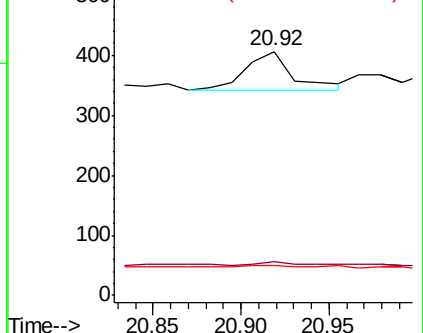
279 3.4 0.7 1.1#



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



#33

Indeno(1,2,3-cd)pyrene

Concen: Below Cal

RT: 25.50 min Scan# 2843

Delta R.T. 0.01 min

Lab File: BE097377.D

Acq: 28 Aug 2018 13:11

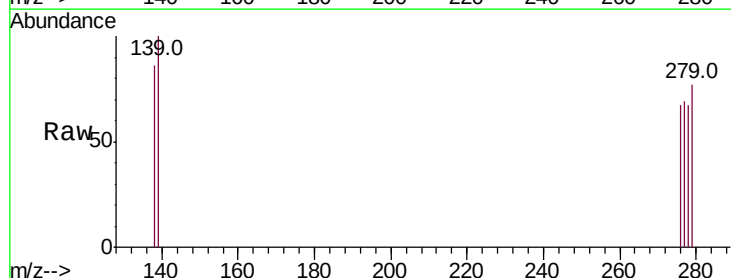
Tgt Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

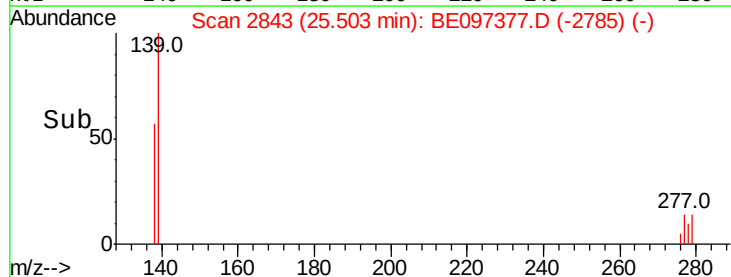
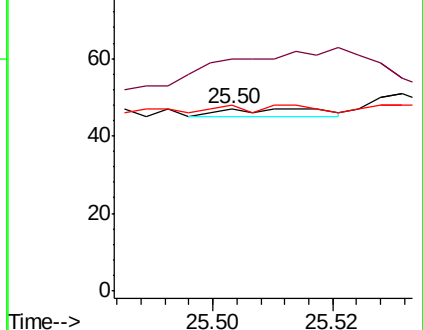
277 50.0 19.9 29.9#

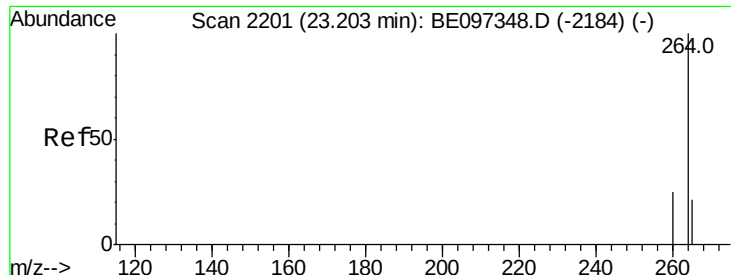


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

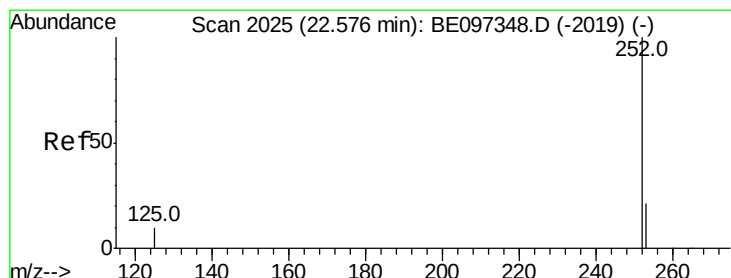
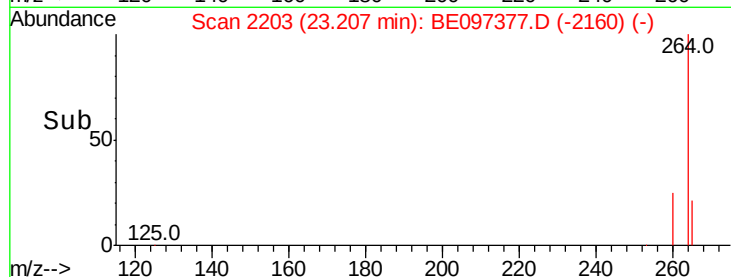
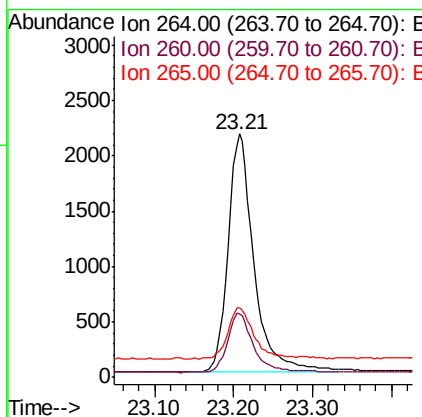
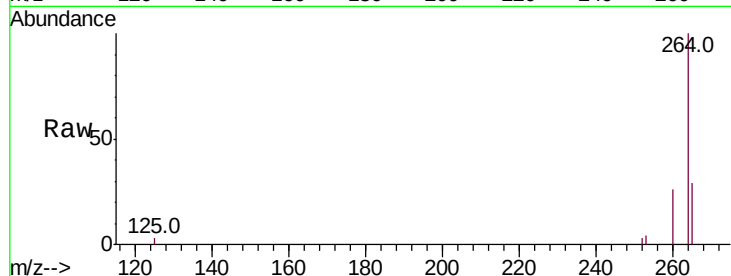




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.21 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

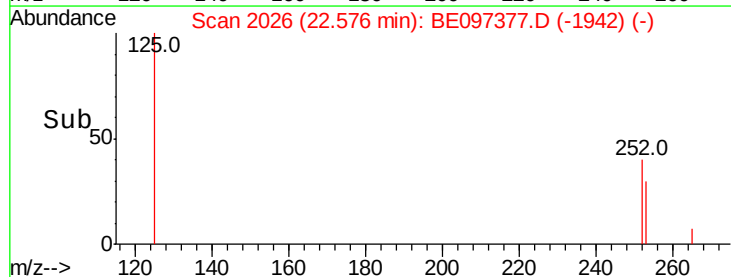
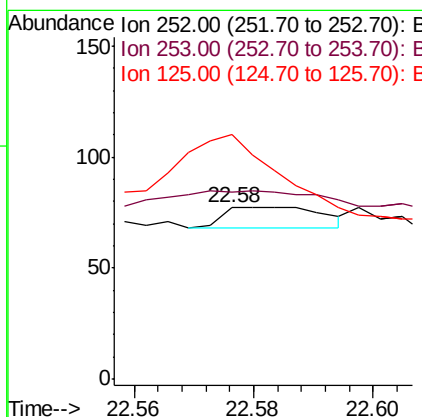
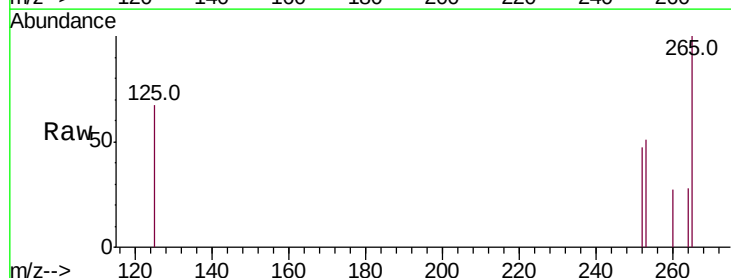
Instrument :
BNA_E
ClientSampleId :

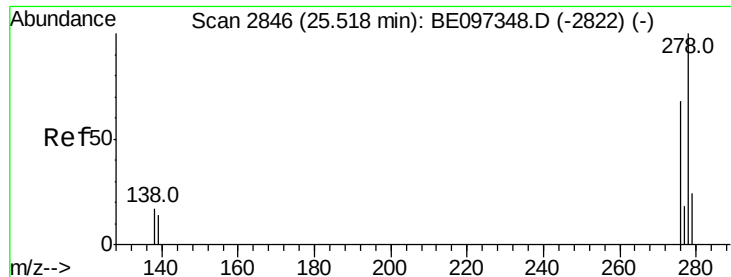
Tot Ion:264 Resp: 4873
Ion Ratio Lower Upper
264 100
260 26.1 20.5 30.7
265 28.6 22.8 34.2



#36
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:252 Resp: 10
Ion Ratio Lower Upper
252 100
253 109.1 16.0 24.0#
125 142.9 8.0 12.0#

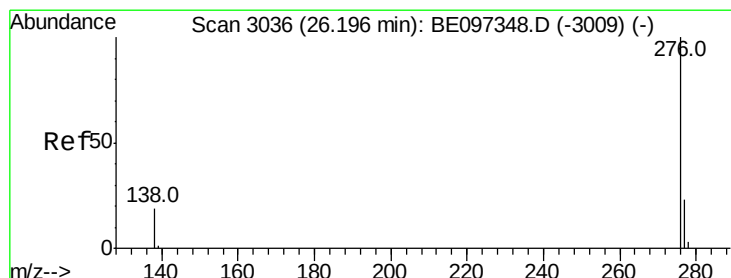
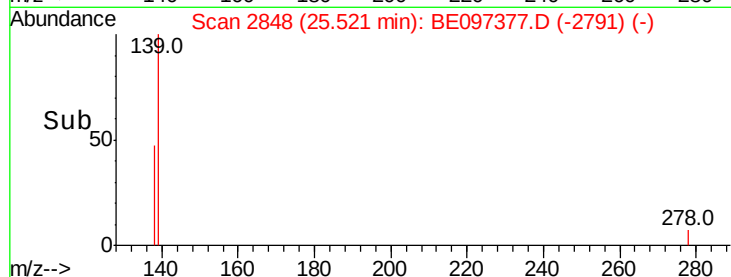
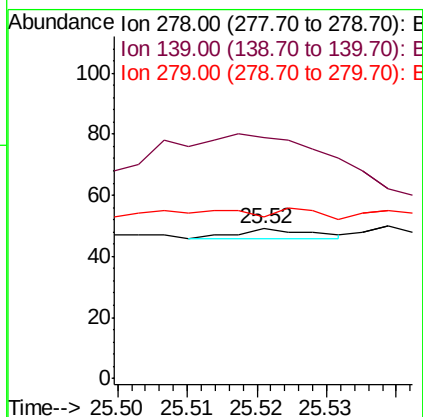
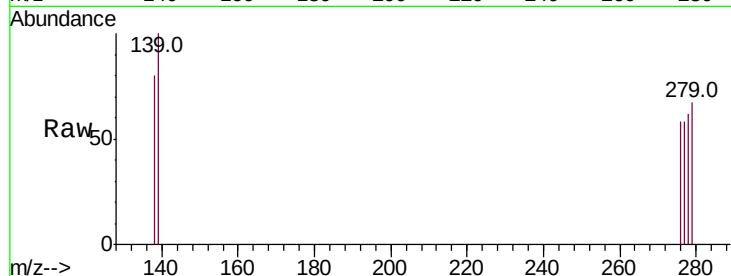




#38
Dibenzo(a,h)anthracene
Concen: Below Cal
RT: 25.52 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 161.2 16.0 24.0#
279 108.2 20.0 30.0#



#39
Benzo(g,h,i)perylene
Concen: Below Cal
RT: 26.20 min Scan# 3037
Delta R.T. 0.00 min
Lab File: BE097377.D
Acq: 28 Aug 2018 13:11

Tgt Ion:276 Resp: 4
Ion Ratio Lower Upper
276 100
277 102.1 16.0 24.0#
138 106.3 20.0 30.0#

