

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097637.D
 Acq On : 22 Sep 2018 7:30
 Operator : SJ/JU
 Sample : J4980-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 24 02:29:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	709	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3129	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1988	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6550	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8875	0.40	ng	0.00
34) Perylene-d12	23.21	264	8433	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	311	0.15	ng	0.01
5) Phenol-d6	6.62	99	189	0.07	ng	0.01
8) Nitrobenzene-d5	8.58	82	786	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	11.74	152	1940	0.45	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	332	0.44	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3332	0.47	ng	0.01
25) Fluoranthene-d10	18.80	212	38325	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8623	0.53	ng	0.00

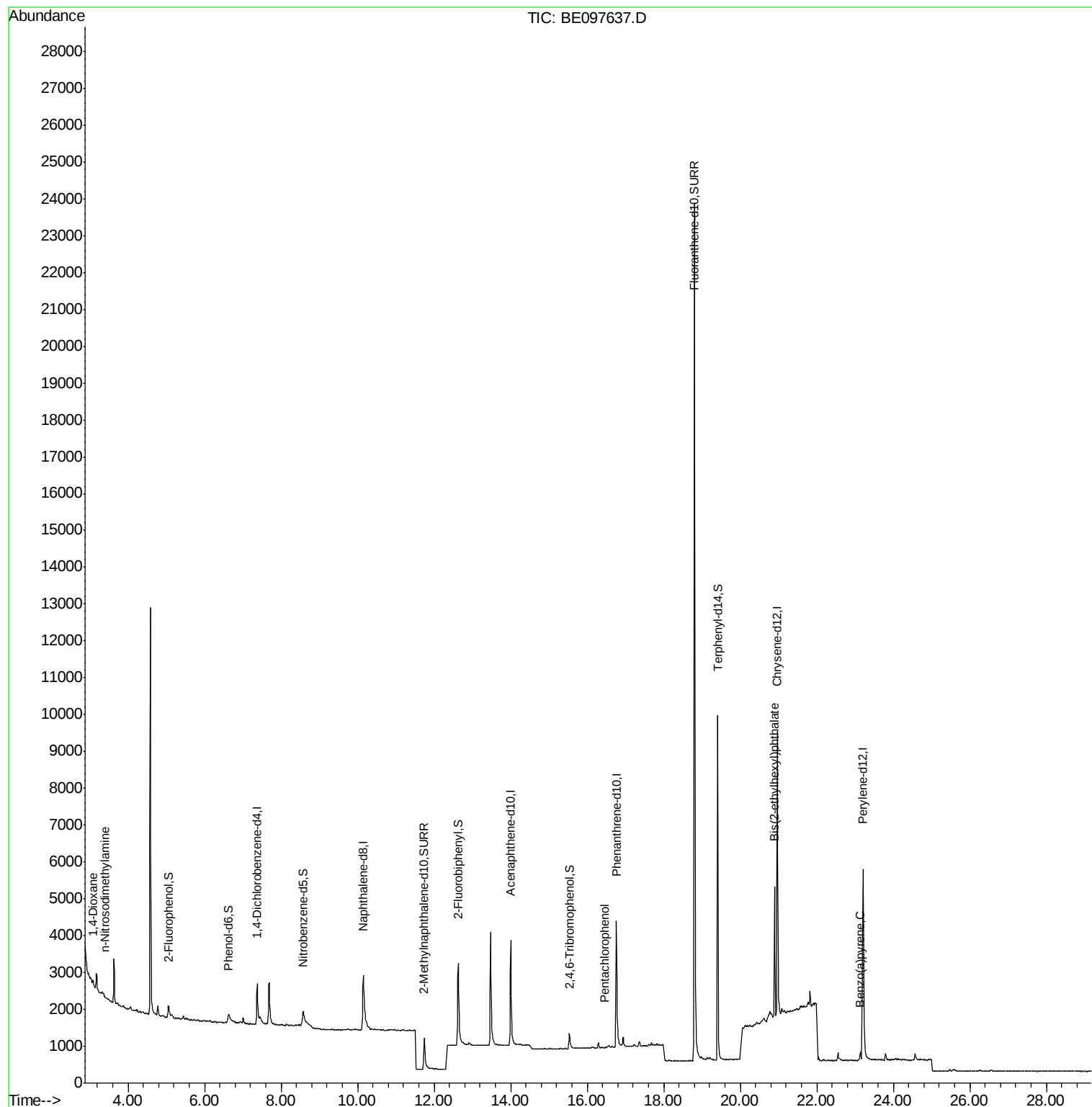
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	75	0.023	ng	# 11
3) n-Nitrosodimethylamine	3.39	42	9	0.025	ng	# 1
22) Pentachlorophenol	16.46	266	3	0.132	ng	91
32) Bis(2-ethylhexyl)phthalate	20.89	149	4021	0.118	ng	# 98
37) Benzo(a)pyrene	23.13	252	103	0.025	ng	# 1

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

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Misc :
ALS Vial : 27 Sample Multiplier: 1

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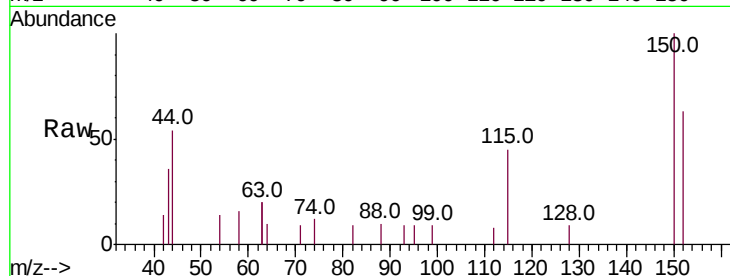


#1

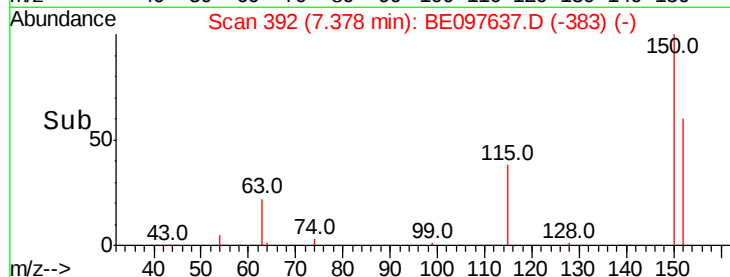
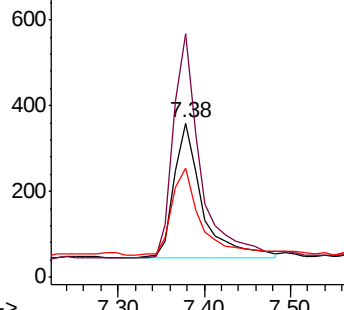
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097637.D
Acq: 22 Sep 2018 7:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 709
Ion Ratio Lower Upper
152 100
150 157.5 117.2 175.8
115 70.8 57.0 85.6



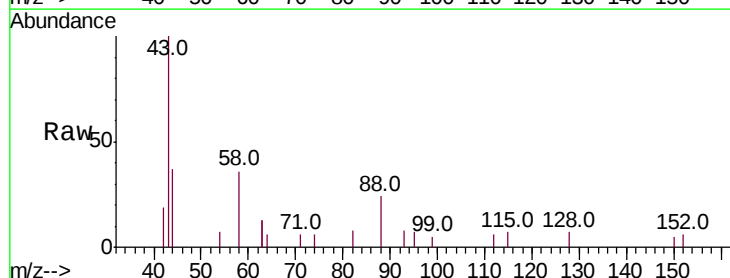
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



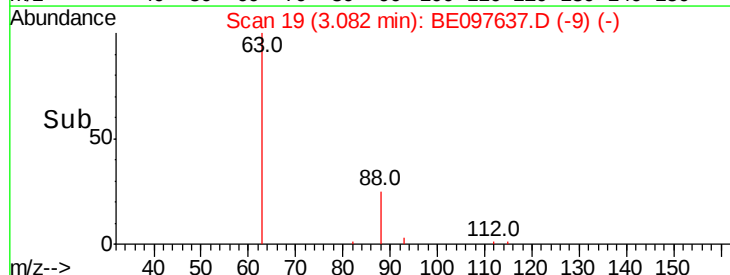
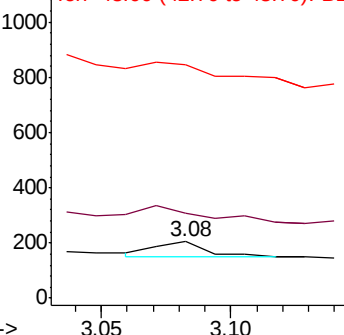
#2

1,4-Dioxane
Concen: 0.023 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097637.D
Acq: 22 Sep 2018 7:30

Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
58 165.3 63.2 94.8#
43 0.0 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: 0.025 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097637.D

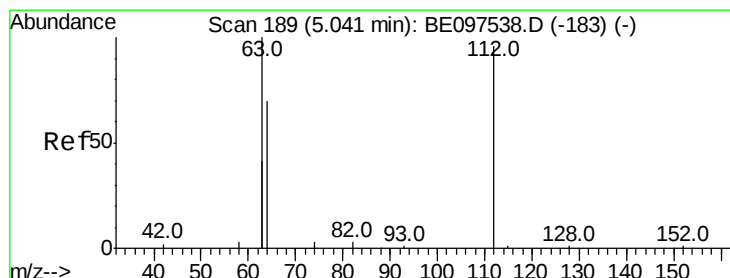
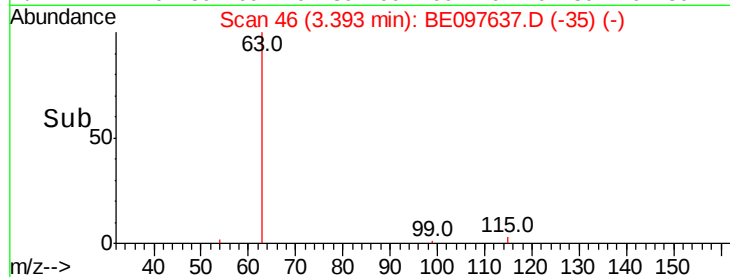
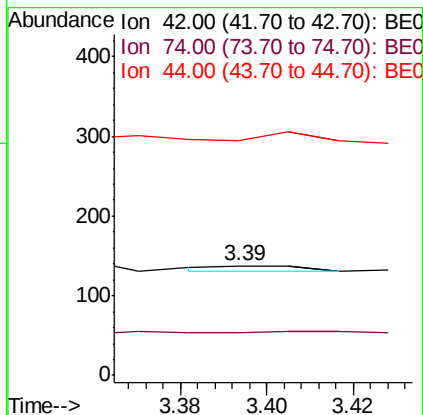
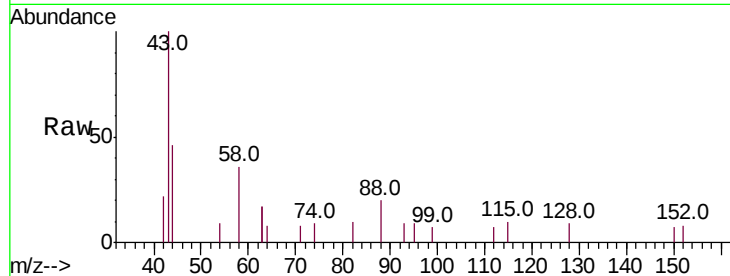
Acq: 22 Sep 2018 7:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	9
Ion	Ratio	Lower	Upper
42	100		
74	0.0	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.146 ng

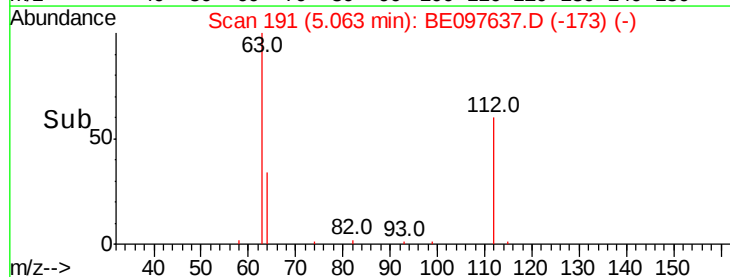
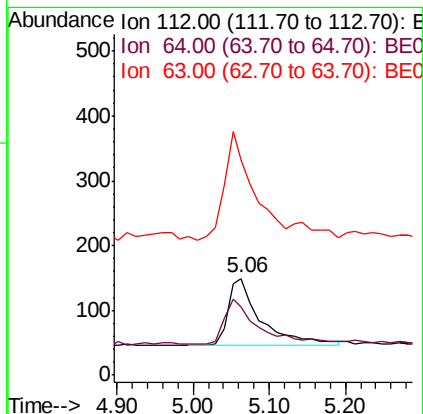
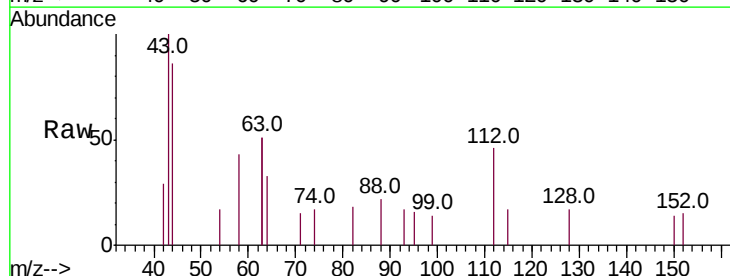
RT: 5.06 min Scan# 191

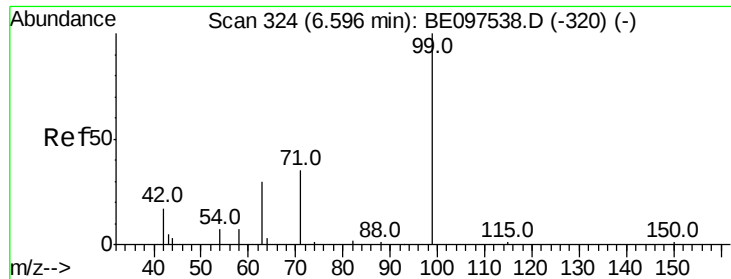
Delta R.T. 0.01 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

Tgt Ion:	112	Resp:	311
Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.1	90.1
63	144.1	116.8	175.2





#5

Phenol-d6

Concen: 0.070 ng

RT: 6.62 min Scan# 326

Delta R.T. 0.01 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

Instrument :

BNA_E

ClientSampleId :

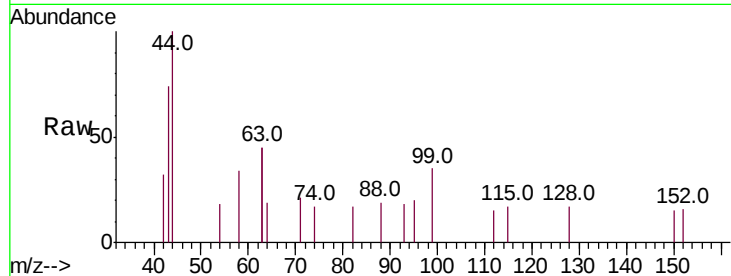
Tot Ion: 99 Resp: 189

Ion Ratio Lower Upper

99 100

42 28.6 20.2 30.2

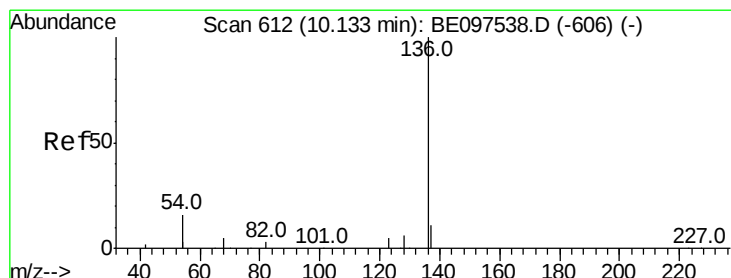
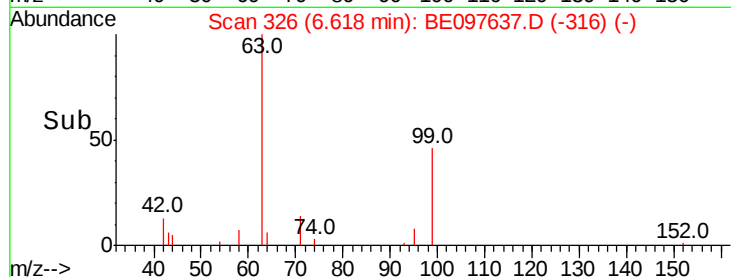
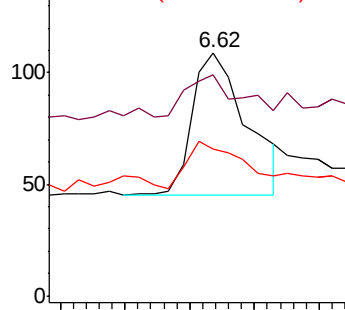
71 33.3 28.4 42.6



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: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

Tgt Ion: 136 Resp: 3129

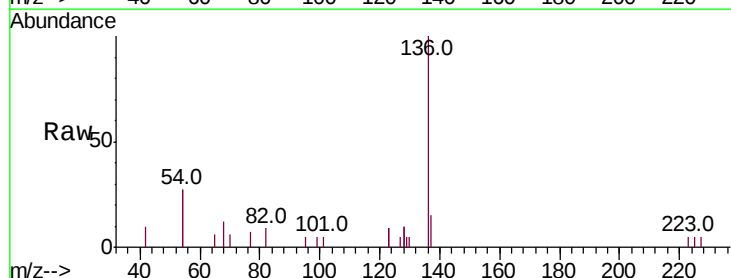
Ion Ratio Lower Upper

136 100

137 15.0 9.5 14.3#

54 53.7 29.1 43.7#

68 12.2 6.2 9.2#

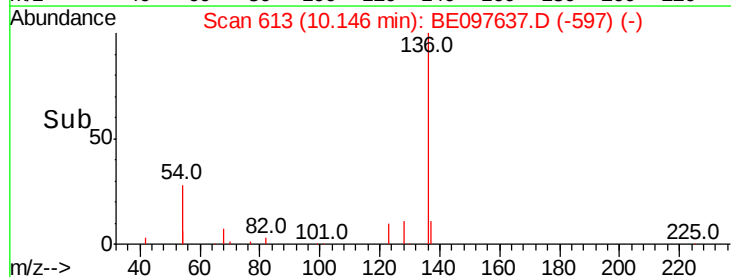
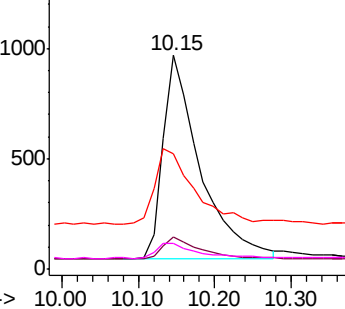


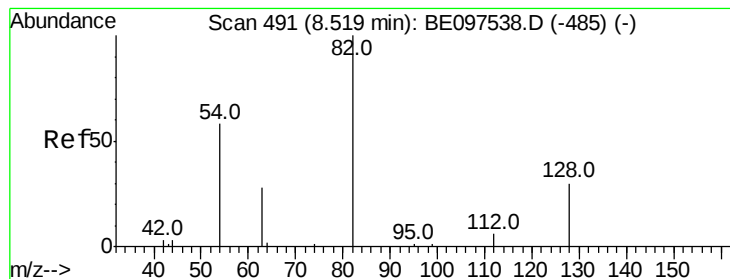
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.58 min Scan# 496

Delta R.T. 0.05 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

Instrument :

BNA_E

ClientSampled :

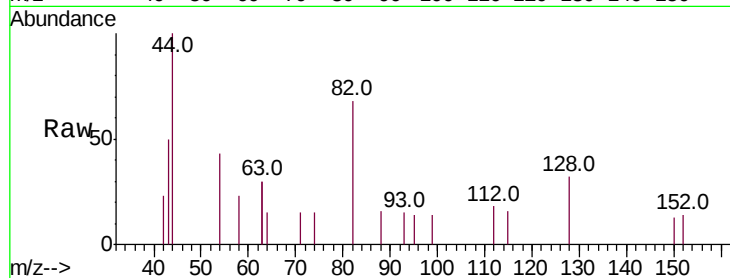
Tot Ion: 82 Resp: 786

Ion Ratio Lower Upper

82 100

128 47.5 24.0 36.0#

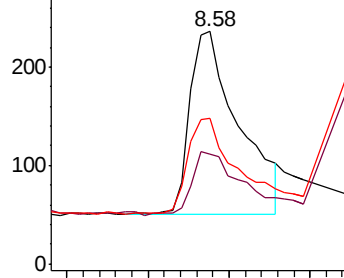
54 62.7 40.0 60.0#



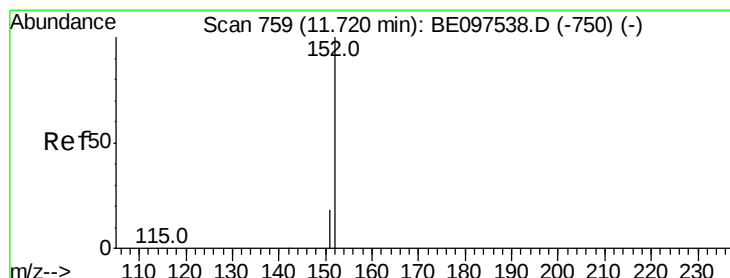
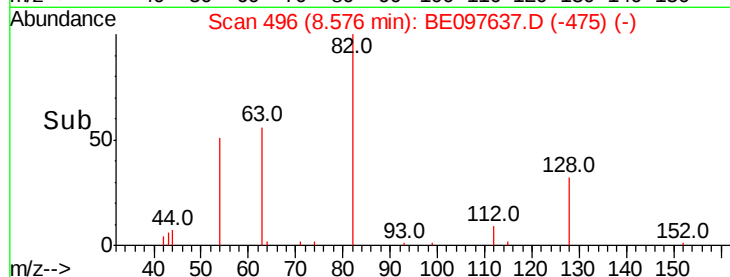
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.450 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE097637.D

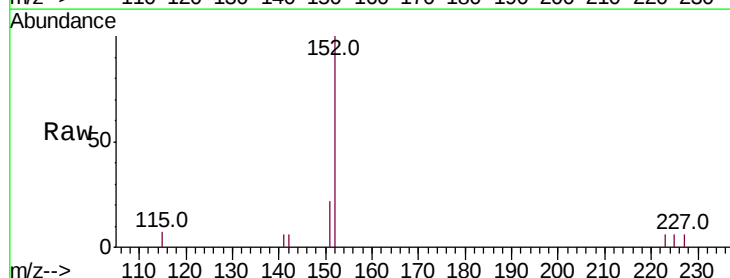
Acq: 22 Sep 2018 7:30

Tgt Ion: 152 Resp: 1940

Ion Ratio Lower Upper

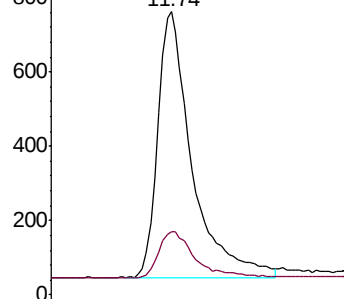
152 100

151 18.8 15.4 23.0

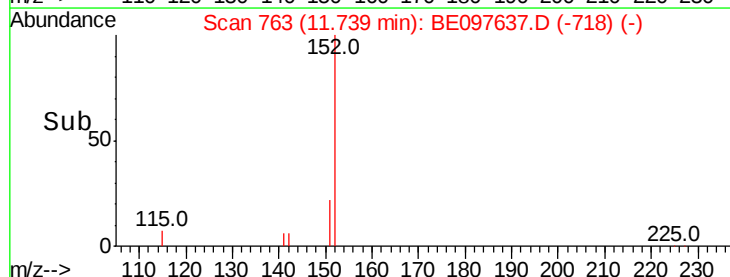


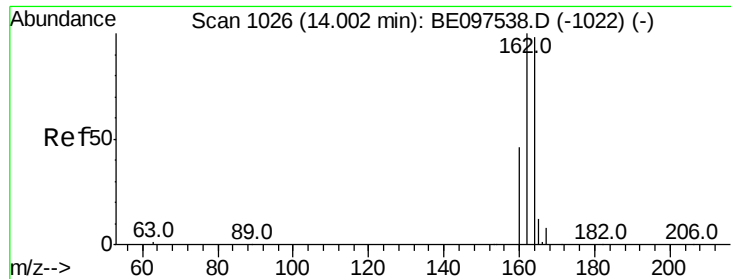
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->

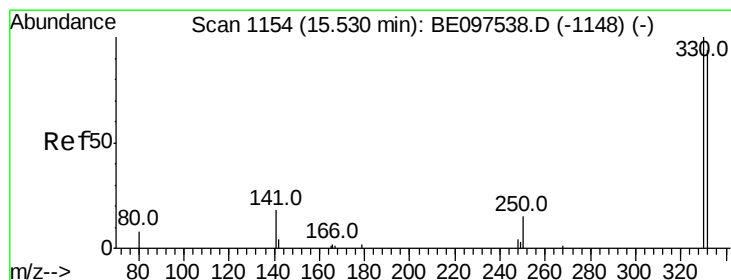
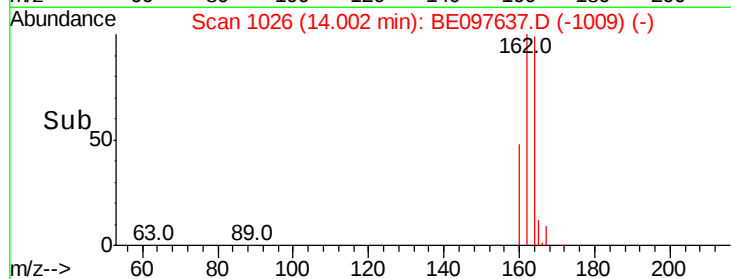
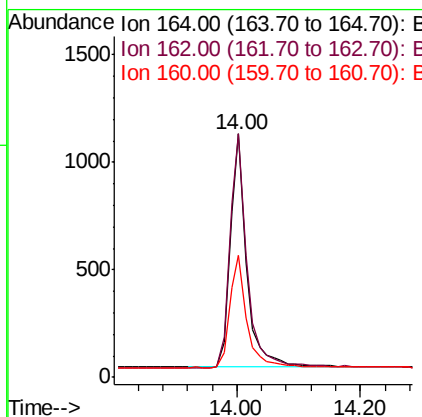
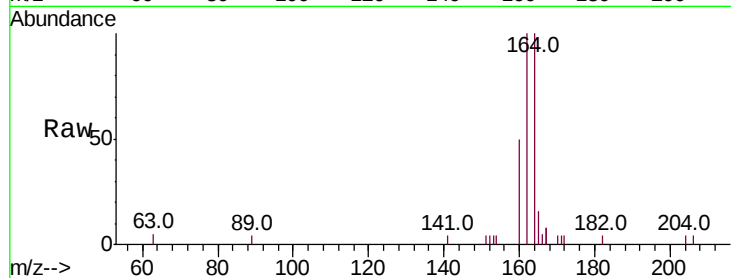




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE097637.D
 Acq: 22 Sep 2018 7:30

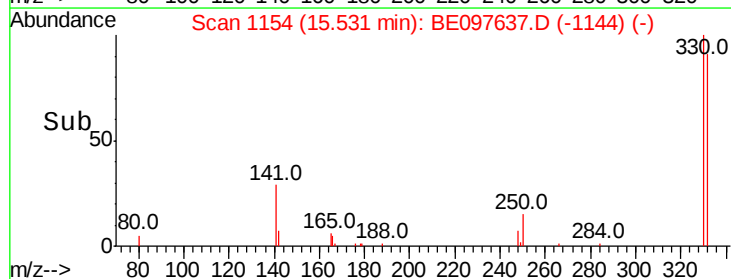
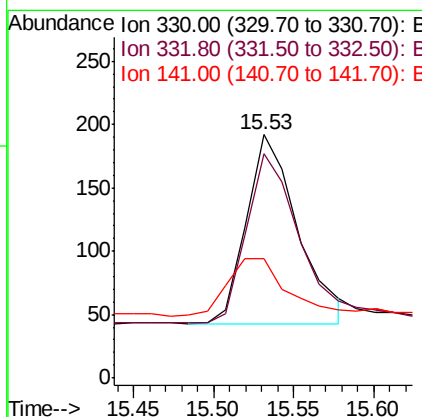
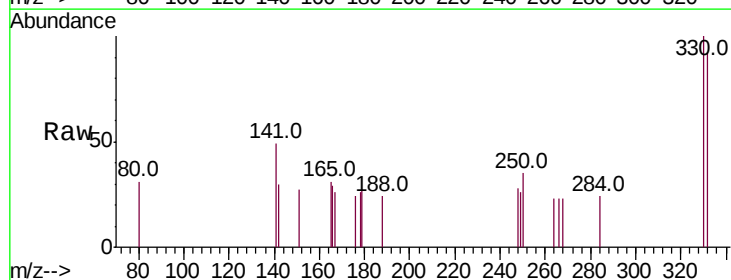
Instrument :
 BNA_E
 ClientSampleId :

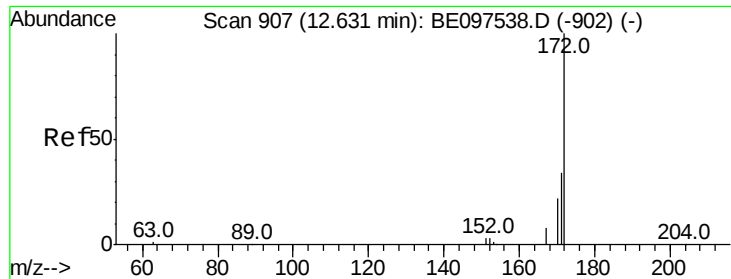
Tot Ion:164 Resp: 1988
 Ion Ratio Lower Upper
 164 100
 162 100.2 83.1 124.7
 160 50.3 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.435 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097637.D
 Acq: 22 Sep 2018 7:30

Tgt Ion:330 Resp: 332
 Ion Ratio Lower Upper
 330 100
 332 90.1 152.7 229.1#
 141 35.2 33.7 50.5

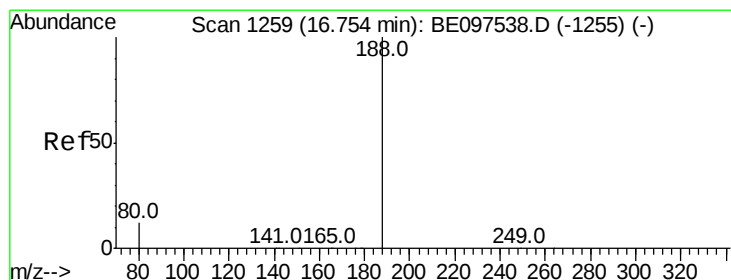
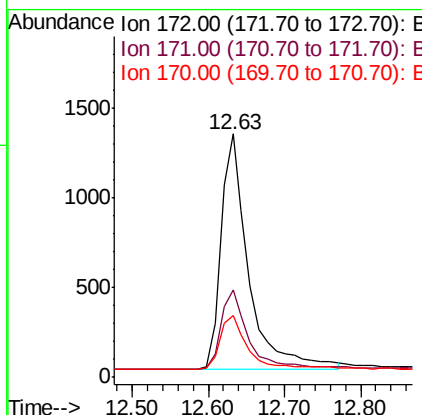
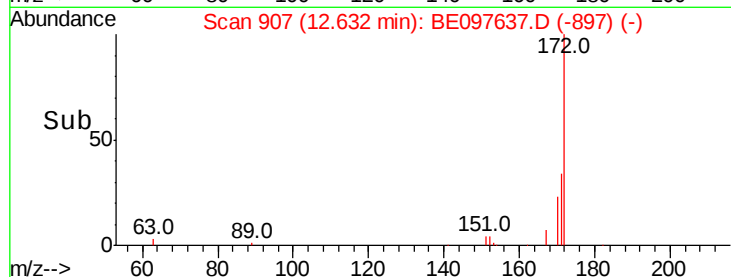
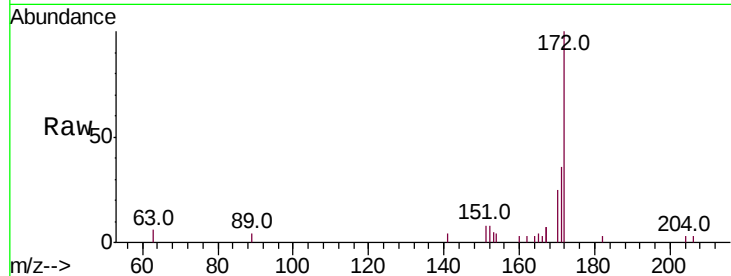




#15
2-Fluorobiphenyl
Concen: 0.474 ng
RT: 12.63 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097637.D
Acq: 22 Sep 2018 7:30

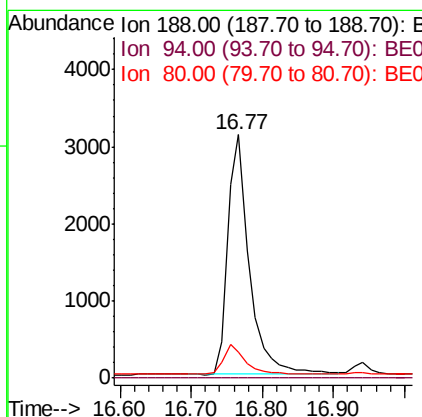
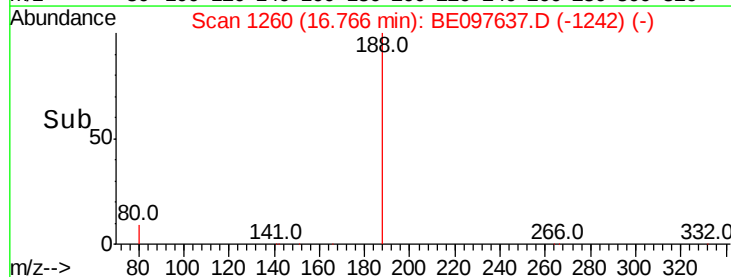
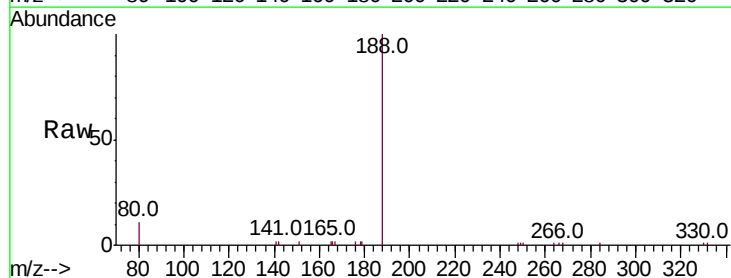
Instrument :
BNA_E
ClientSampleId :

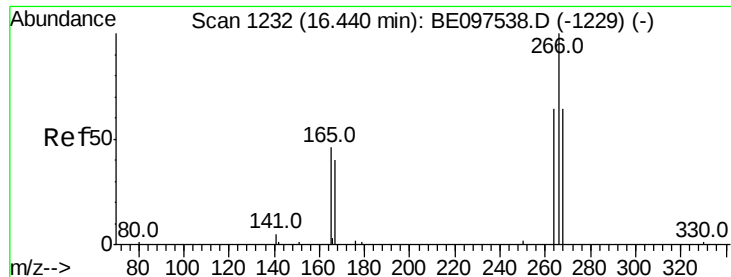
Tot Ion:172 Resp: 3332
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 25.4 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097637.D
Acq: 22 Sep 2018 7:30

Tgt Ion:188 Resp: 6550
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.9 3.6 5.4#



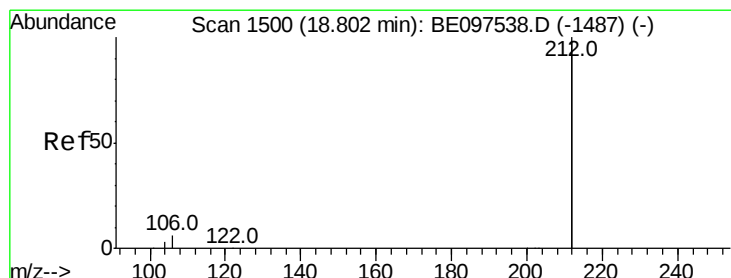
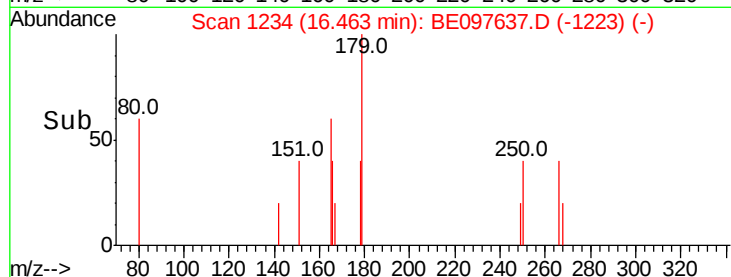
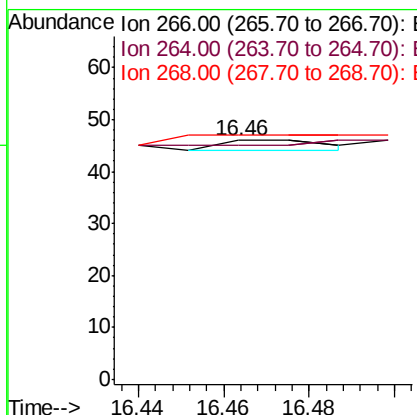
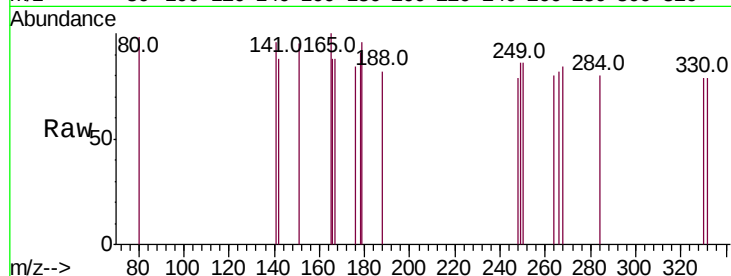


#22
 Pentachlorophenol
 Concen: 0.132 ng
 RT: 16.46 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: BE097637.D
 Acq: 22 Sep 2018 7:30

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 3

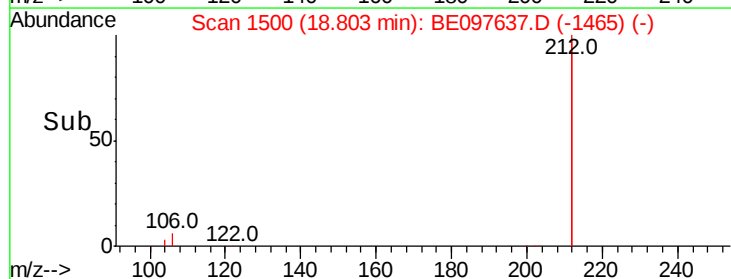
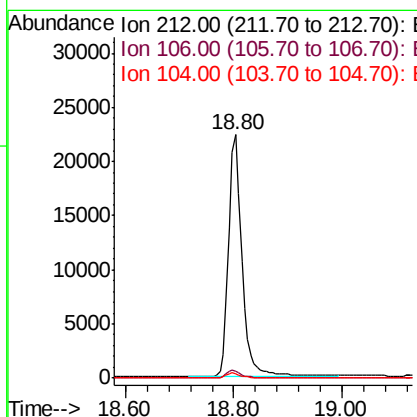
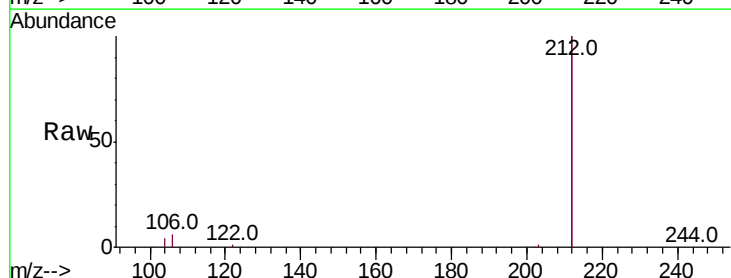
Ion	Ratio	Lower	Upper
266	100		
264	97.8	72.5	108.7
268	102.2	73.8	110.6

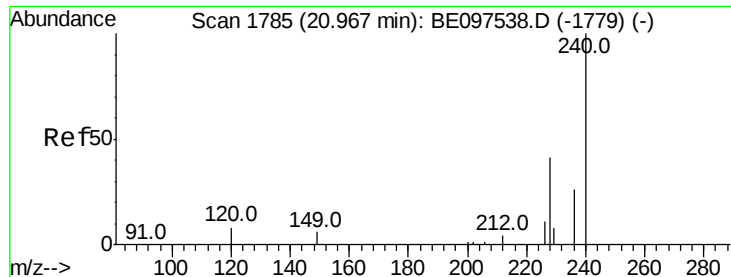


#25
 Fluoranthene-d10
 Concen: 0.457 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097637.D
 Acq: 22 Sep 2018 7:30

Tgt Ion:212 Resp: 38325

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.8	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

Instrument :

BNA_E

ClientSampleId :

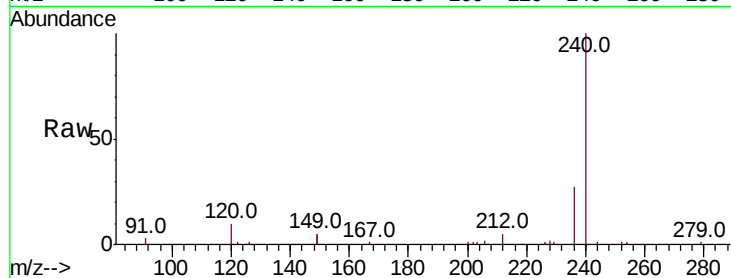
Tot Ion:240 Resp: 8875

Ion Ratio Lower Upper

240 100

120 9.8 5.5 8.3#

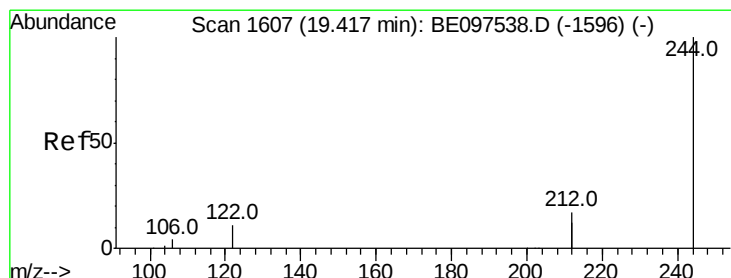
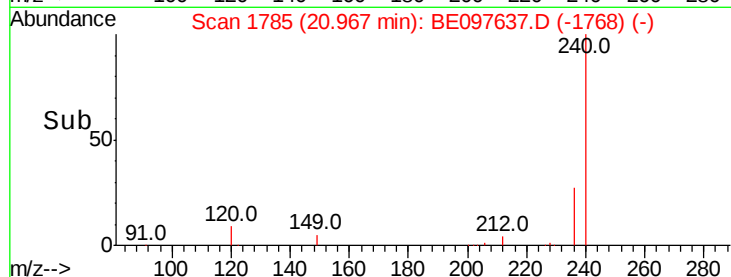
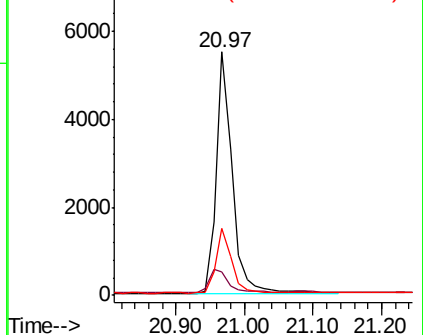
236 27.3 20.7 31.1



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: 0.531 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

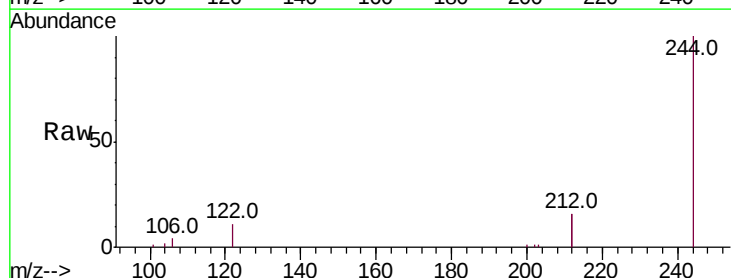
Tgt Ion:244 Resp: 8623

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

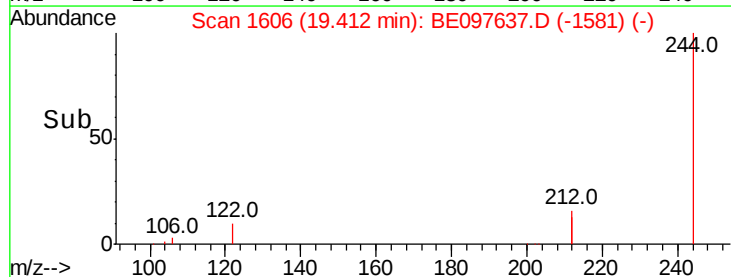
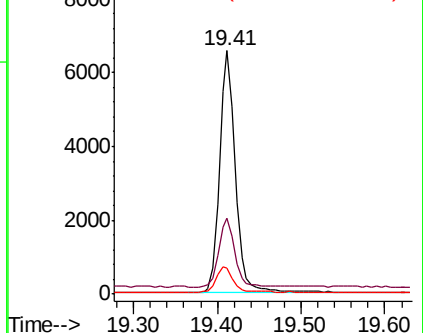
122 10.6 8.1 12.1

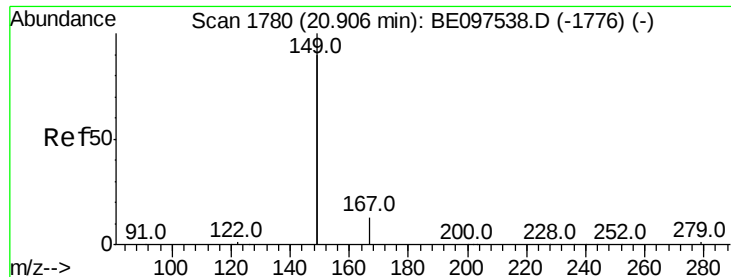


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

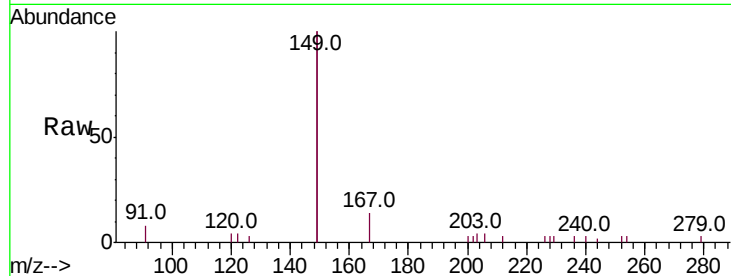




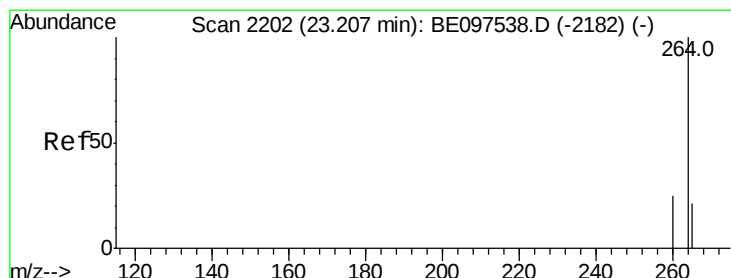
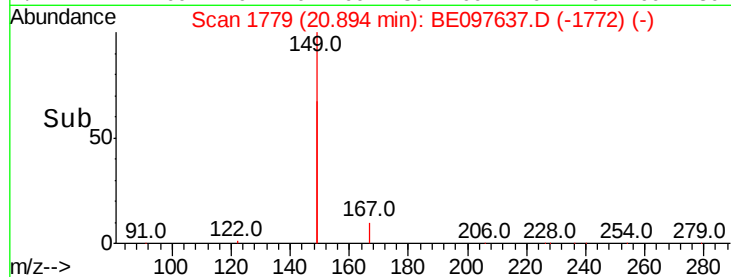
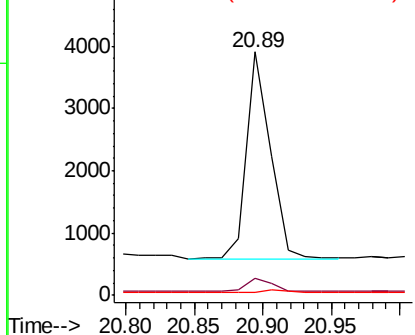
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.118 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097637.D
 Acq: 22 Sep 2018 7:30

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:149 Resp: 4021
 Ion Ratio Lower Upper
 149 100
 167 6.1 5.4 8.0
 279 1.3 0.7 1.1#

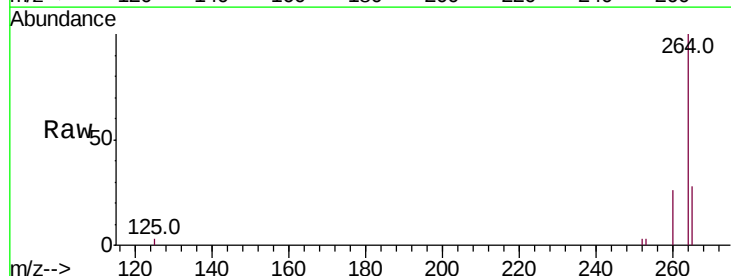


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

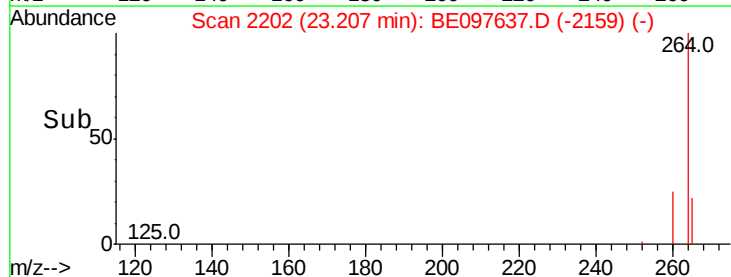
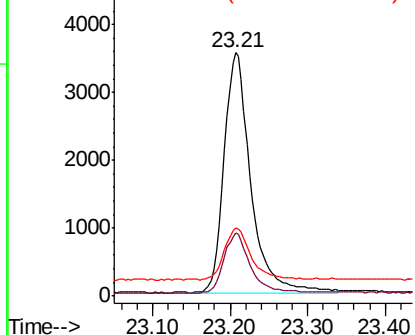


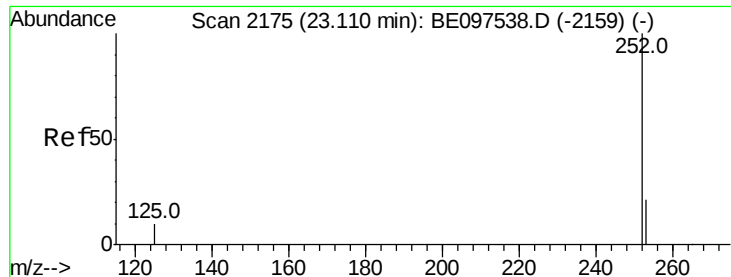
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097637.D
 Acq: 22 Sep 2018 7:30

Tgt Ion:264 Resp: 8433
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 28.0 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





#37

Benzo(a)pyrene

Concen: 0.025 ng

RT: 23.13 min Scan# 2179

Delta R.T. 0.02 min

Lab File: BE097637.D

Acq: 22 Sep 2018 7:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 103

Ion Ratio Lower Upper

252 100

253 119.1 16.0 24.0#

125 189.1 12.0 18.0#

