

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097630.D
 Acq On : 22 Sep 2018 3:11
 Operator : SJ/JU
 Sample : J4980-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 22 04:10:50 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

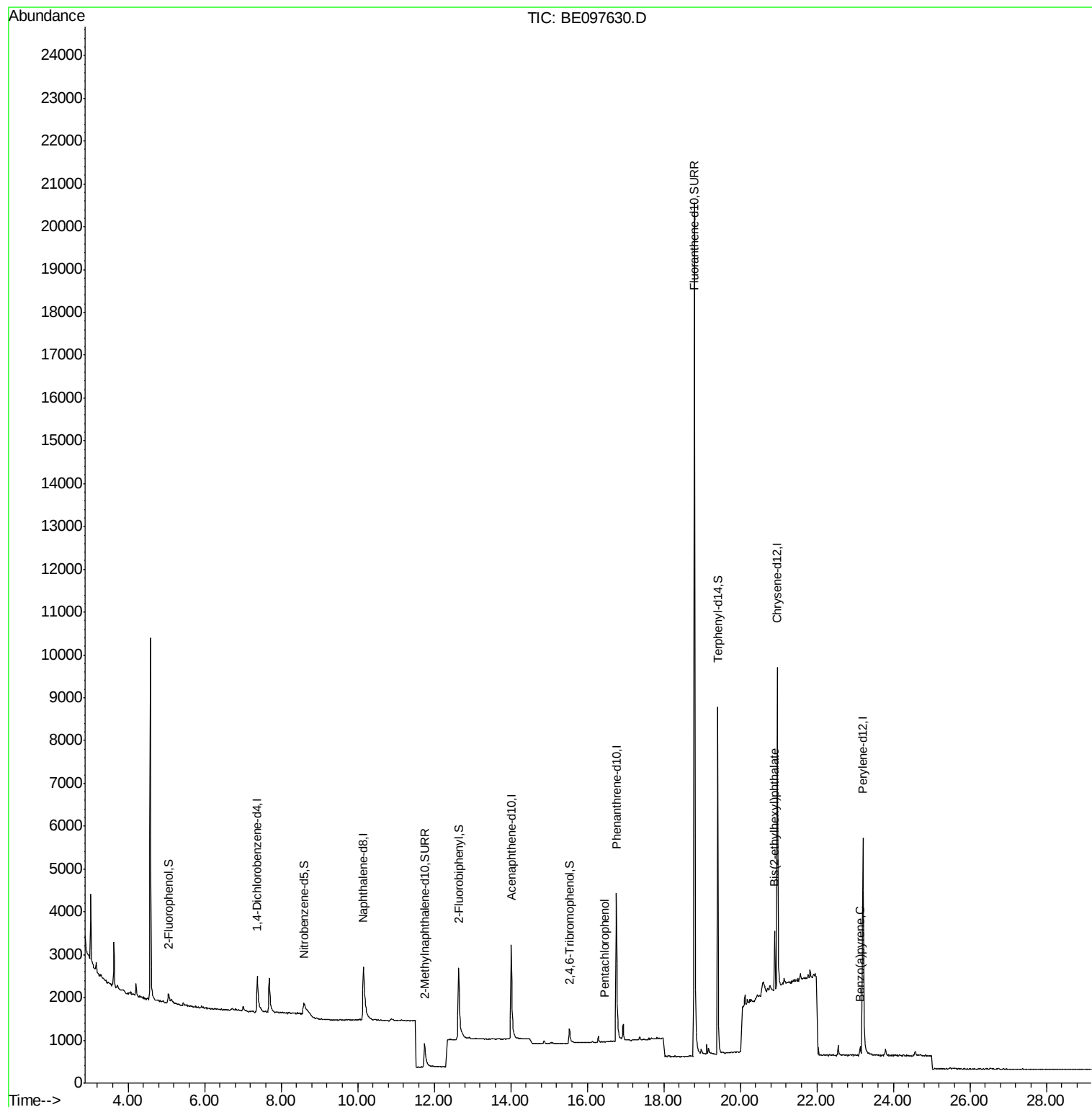
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	640	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2884	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	1989	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6561	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8603	0.40	ng	0.00
34) Perylene-d12	23.21	264	8267	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	255	0.13	ng	0.00
5) Phenol-d6	6.57	99	3	0.00	ng	-0.03
8) Nitrobenzene-d5	8.59	82	509	0.23	ng	0.06
11) 2-Methylnaphthalene-d10	11.74	152	1605	0.40	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	283	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2889	0.41	ng	0.02
25) Fluoranthene-d10	18.80	212	32329	0.38	ng	0.00
29) Terphenyl-d14	19.41	244	7455	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.46	266	9	0.136	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	20.89	149	1980	0.065	ng	# 99
37) Benzo(a)pyrene	23.13	252	45	0.023	ng	# 1

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

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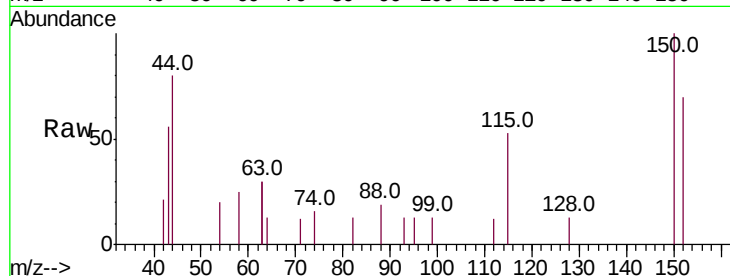


#1

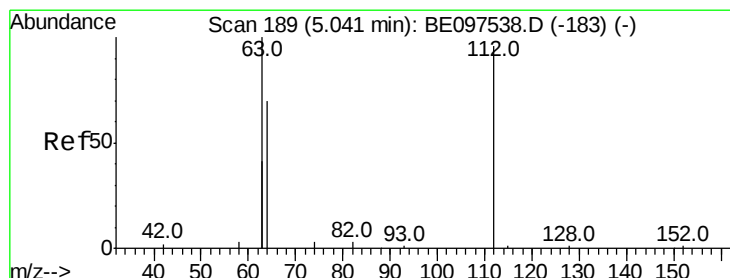
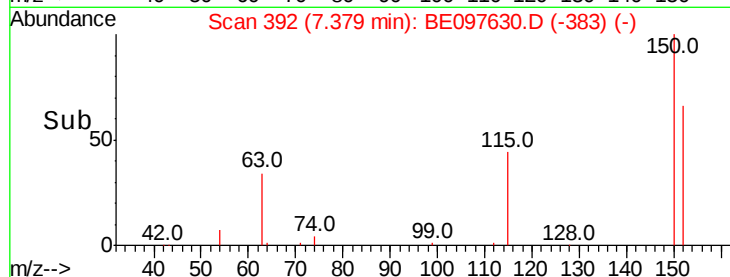
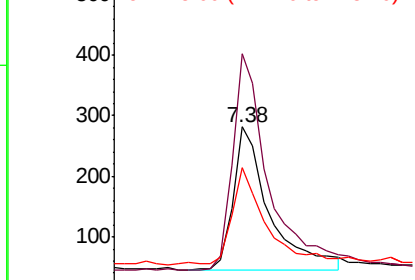
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 640
Ion Ratio Lower Upper
152 100
150 143.1 117.2 175.8
115 76.5 57.0 85.6



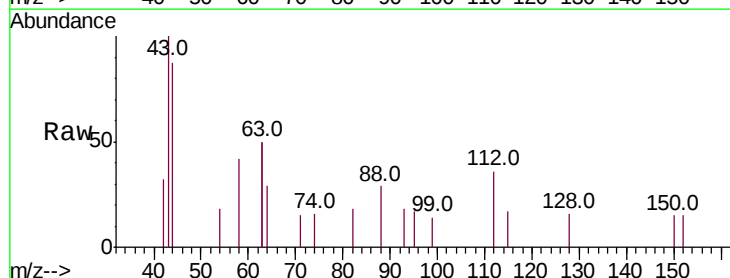
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



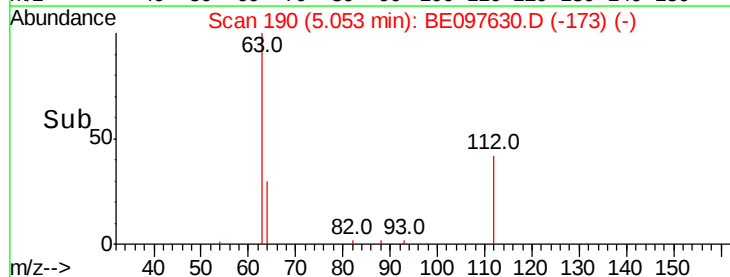
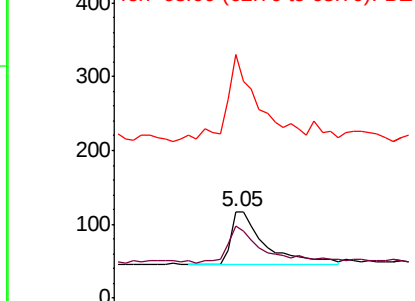
#4

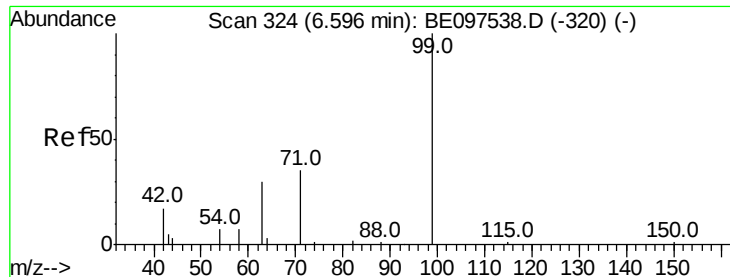
2-Fluorophenol
Concen: 0.133 ng
RT: 5.05 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Tgt Ion:112 Resp: 255
Ion Ratio Lower Upper
112 100
64 69.4 60.1 90.1
63 152.9 116.8 175.2



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: 0.001 ng

RT: 6.57 min Scan# 322

Delta R.T. -0.03 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_E

ClientSampled :

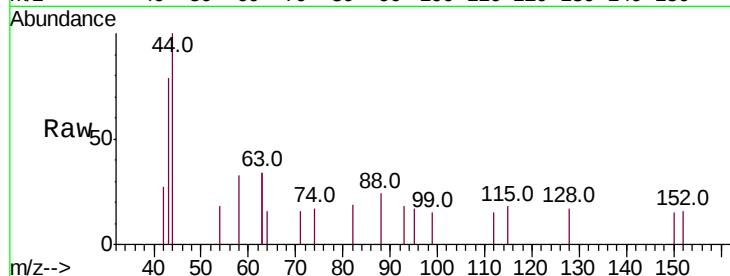
Tot Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 200.0 20.2 30.2#

71 0.0 28.4 42.6#



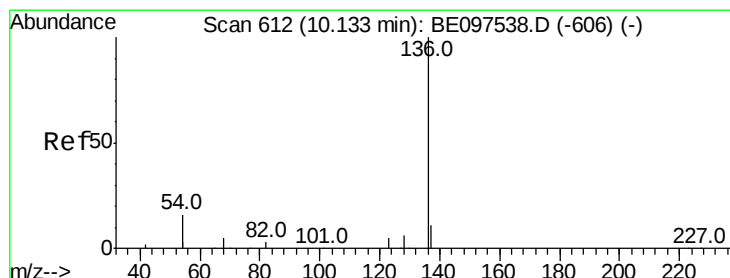
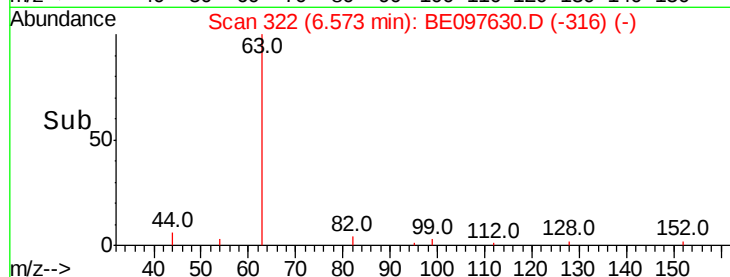
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

6.57

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Tgt Ion: 136 Resp: 2884

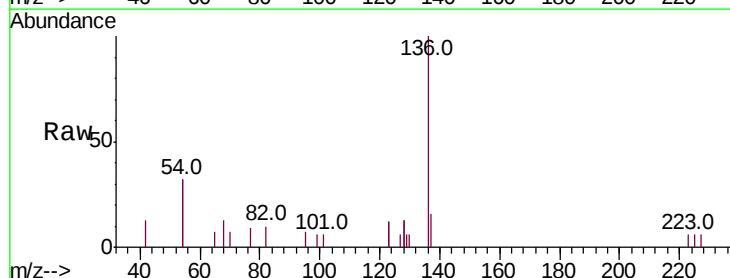
Ion Ratio Lower Upper

136 100

137 16.1 9.5 14.3#

54 64.4 29.1 43.7#

68 13.3 6.2 9.2#



Abundance Ion 136.00 (135.70 to 136.70): E

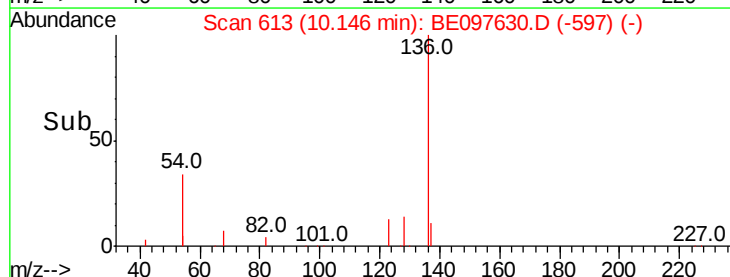
Ion 137.00 (136.70 to 137.70): E

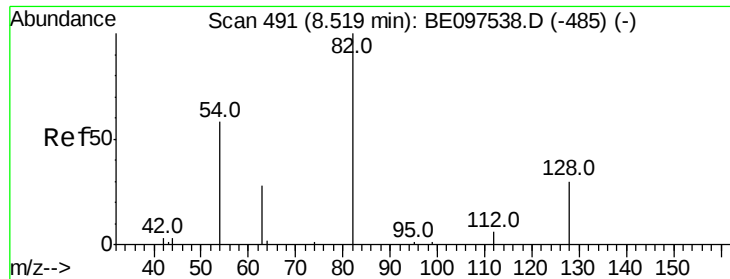
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.15

Time-->





#8

Nitrobenzene-d5

Concen: 0.228 ng

RT: 8.59 min Scan# 497

Delta R.T. 0.06 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_E

ClientSampleId :

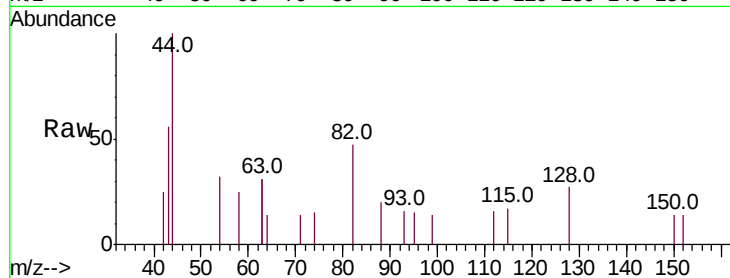
Tot Ion: 82 Resp: 509

Ion Ratio Lower Upper

82 100

128 57.9 24.0 36.0#

54 67.1 40.0 60.0#

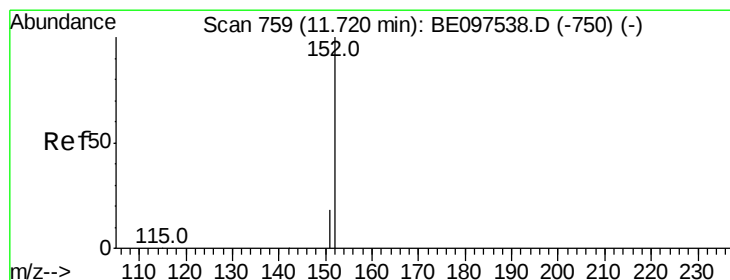
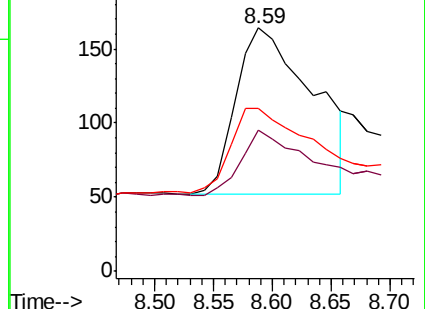
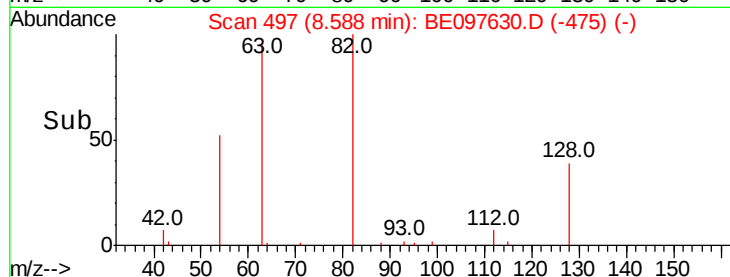


Abundance Ion 82.00 (81.70 to 82.70): E

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): E

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.74 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE097630.D

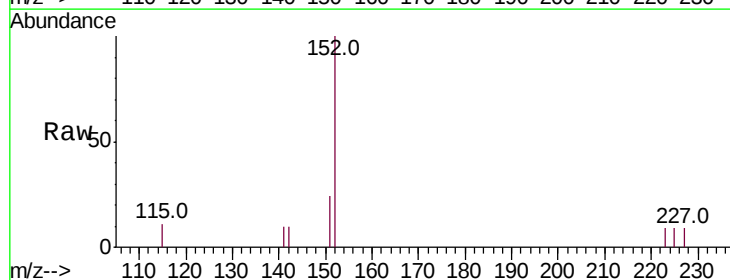
Acq: 22 Sep 2018 3:11

Tgt Ion: 152 Resp: 1605

Ion Ratio Lower Upper

152 100

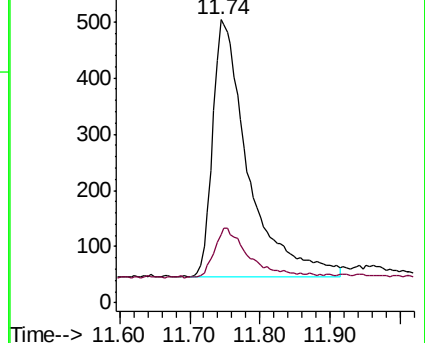
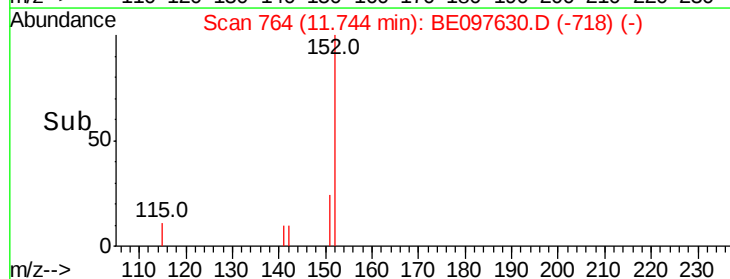
151 17.9 15.4 23.0

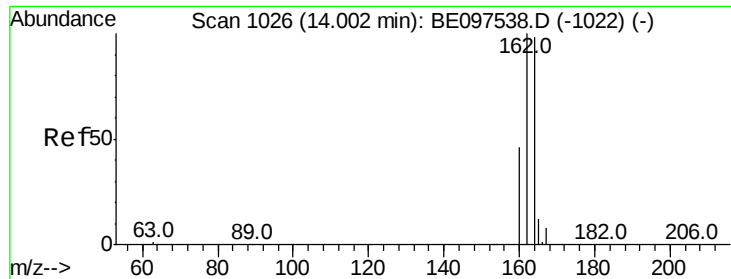


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Time-->

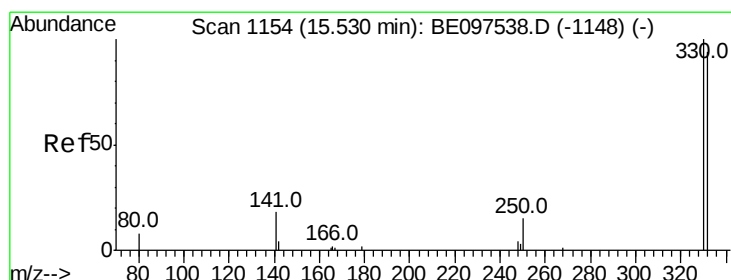
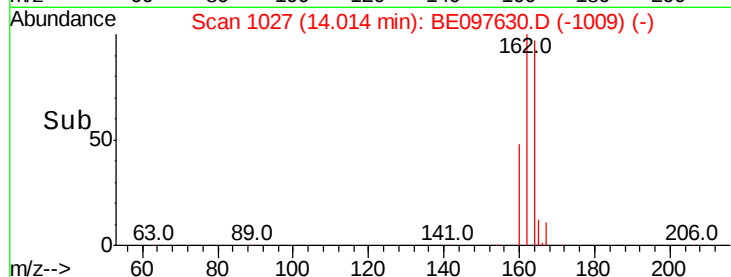
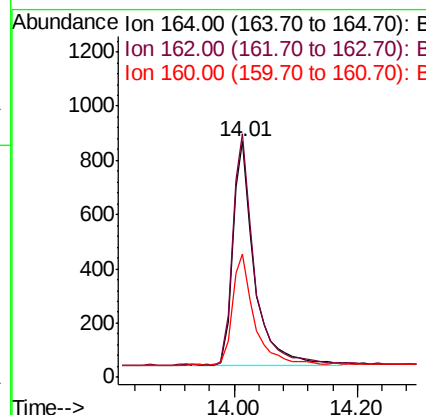
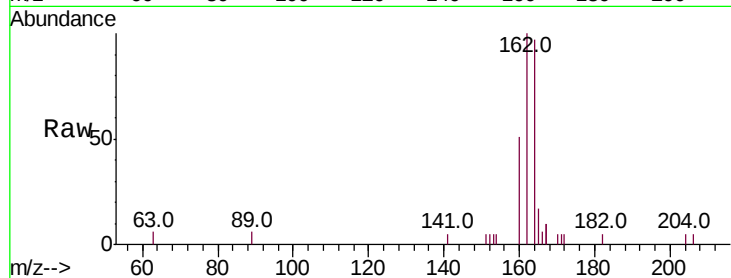




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

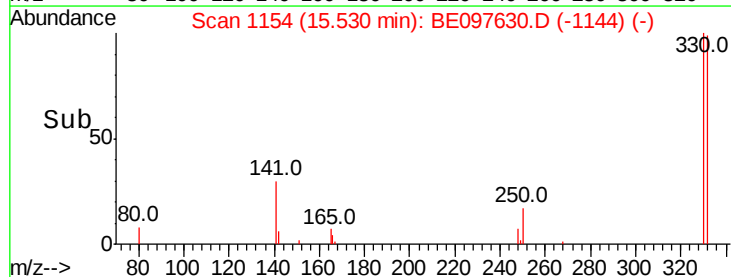
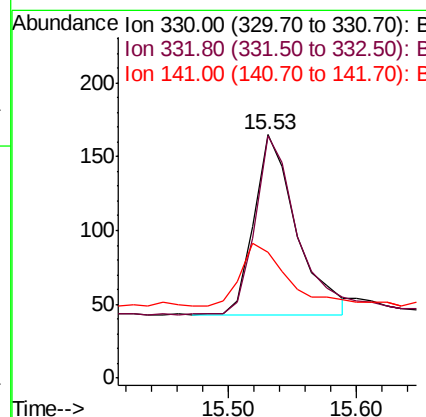
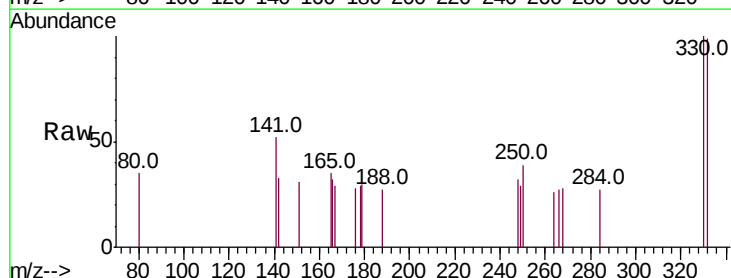
Instrument :
BNA_E
ClientSampleId :

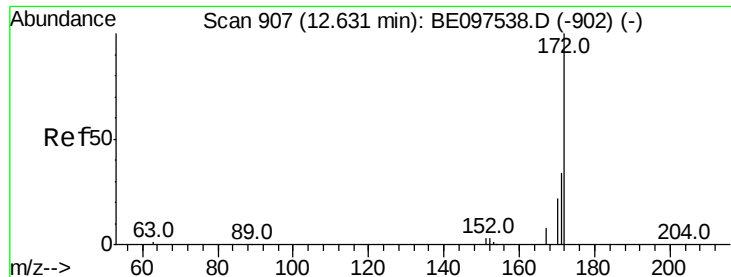
Tot Ion:164 Resp: 1989
Ion Ratio Lower Upper
164 100
162 103.3 83.1 124.7
160 52.6 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.53 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Tgt Ion:330 Resp: 283
Ion Ratio Lower Upper
330 100
332 98.6 152.7 229.1#
141 36.4 33.7 50.5

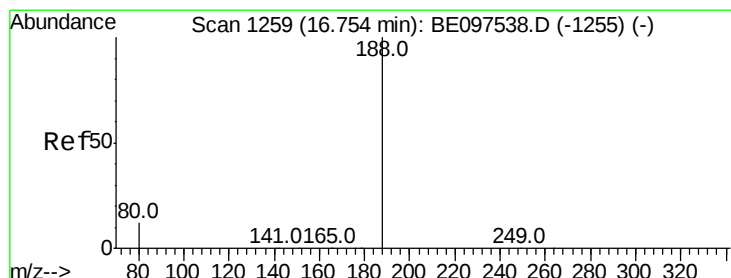
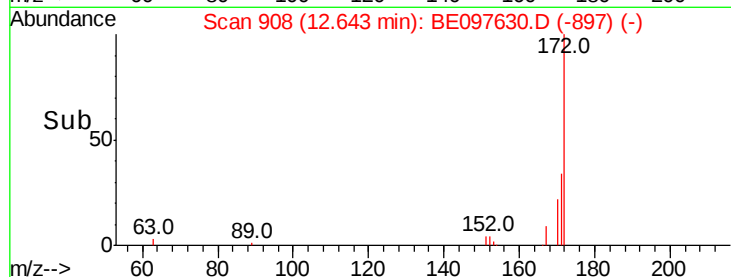
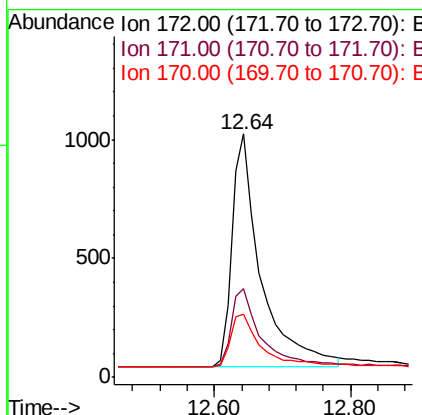
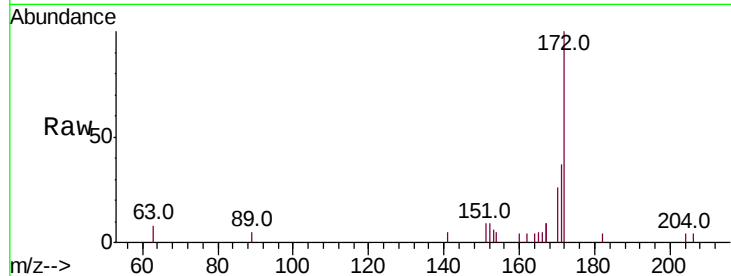




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.64 min Scan# 908
Delta R.T. 0.02 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

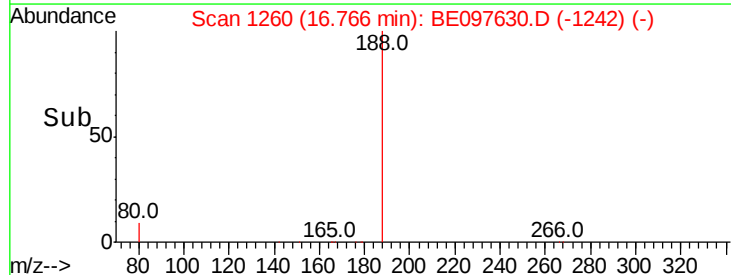
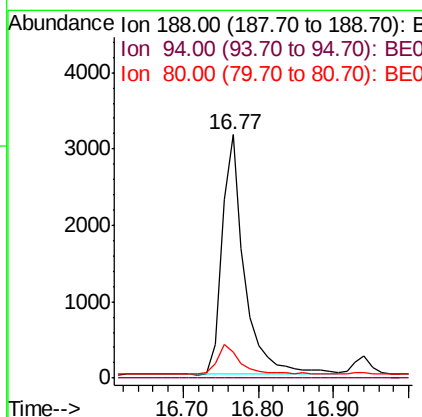
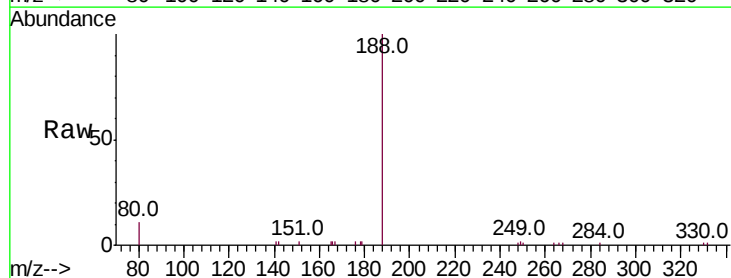
Instrument :
BNA_E
ClientSampled :

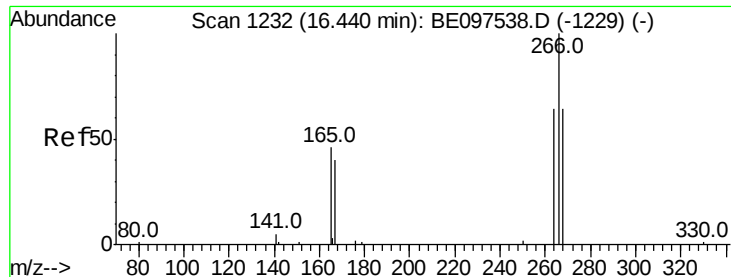
Tot Ion:172 Resp: 2889
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 25.9 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097630.D
Acq: 22 Sep 2018 3:11

Tgt Ion:188 Resp: 6561
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 10.8 3.6 5.4#



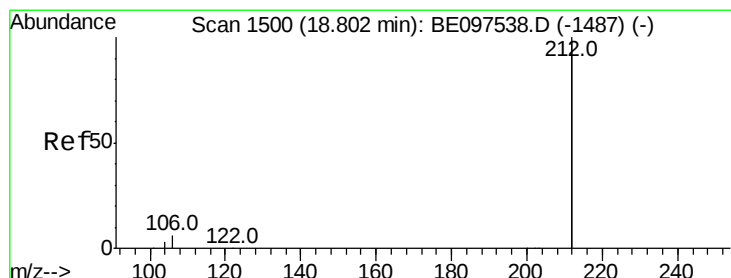
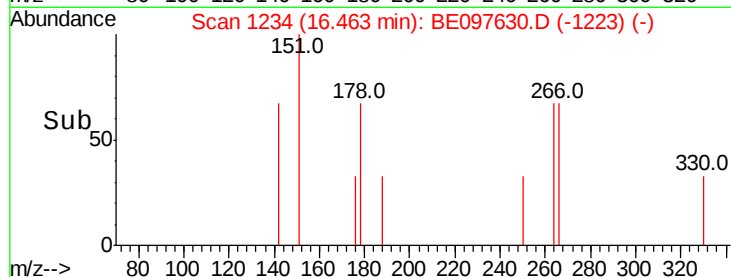
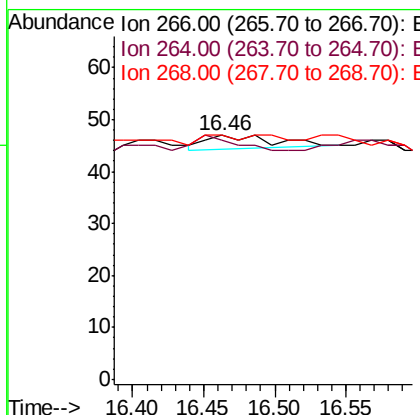
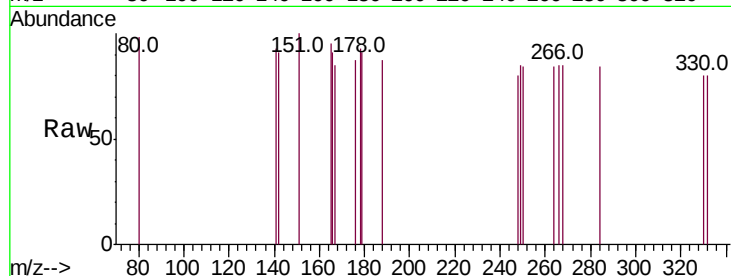


#22
 Pentachlorophenol
 Concen: 0.136 ng
 RT: 16.46 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 9

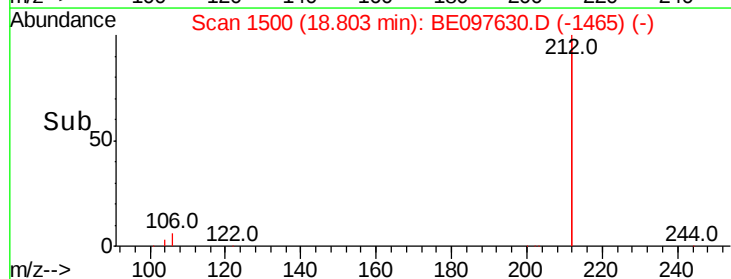
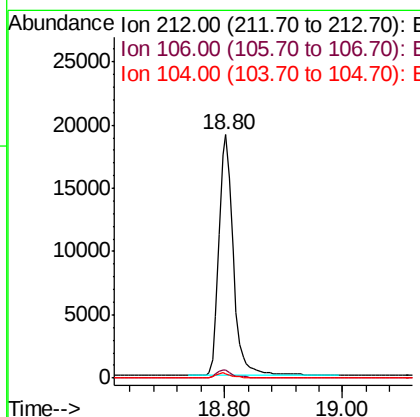
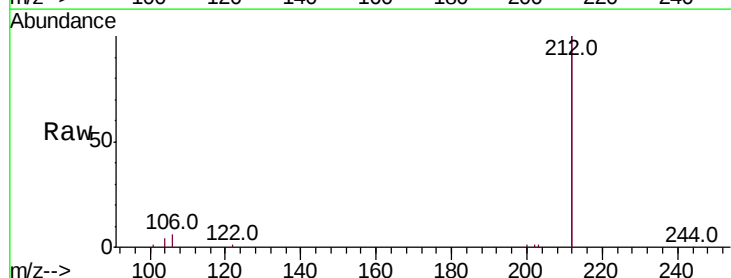
Ion	Ratio	Lower	Upper
266	100		
264	97.9	72.5	108.7
268	100.0	73.8	110.6



#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:212 Resp: 32329

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

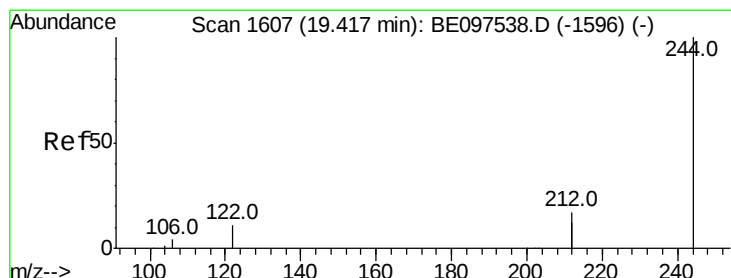
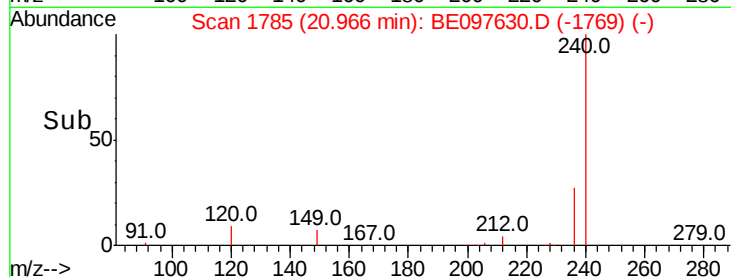
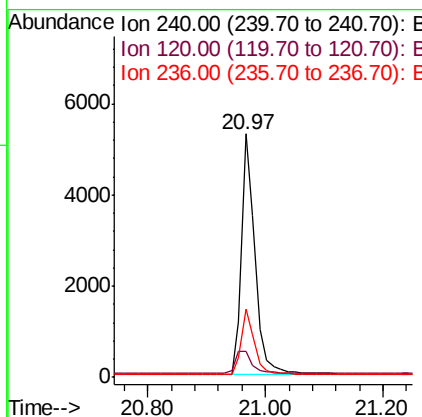
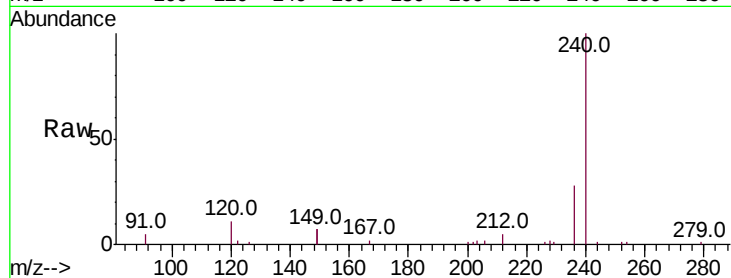




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

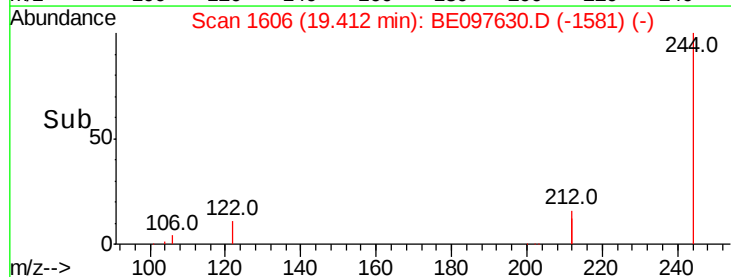
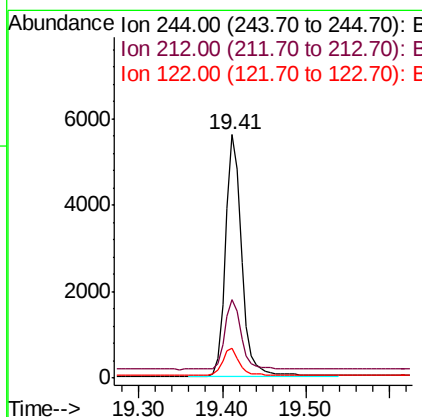
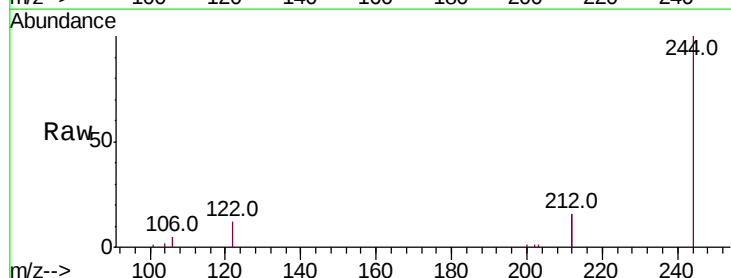
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 8603
 Ion Ratio Lower Upper
 240 100
 120 10.9 5.5 8.3#
 236 27.9 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.473 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:244 Resp: 7455
 Ion Ratio Lower Upper
 244 100
 212 32.2 25.4 38.0
 122 12.2 8.1 12.1#

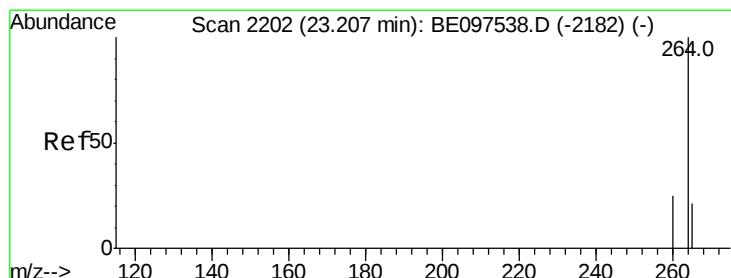
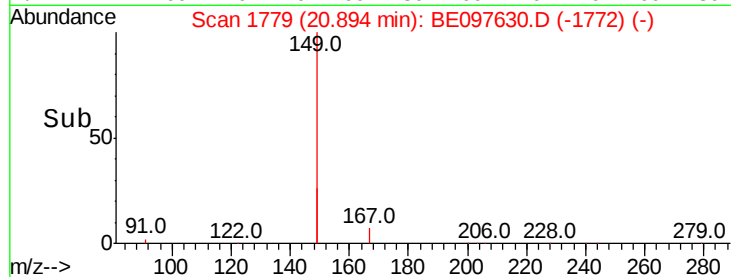
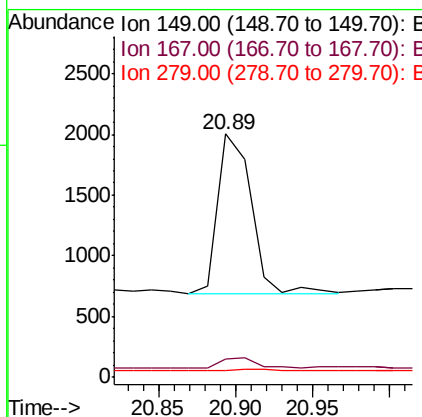
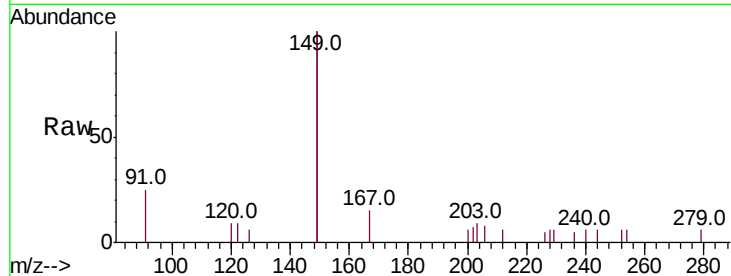




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

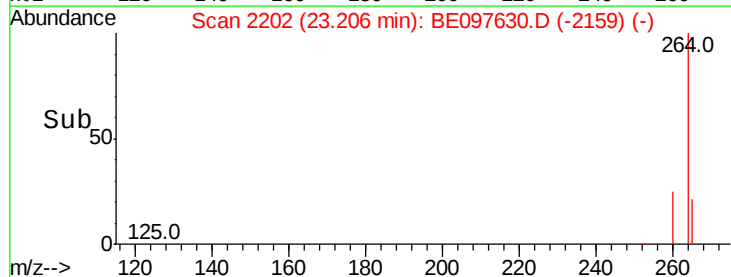
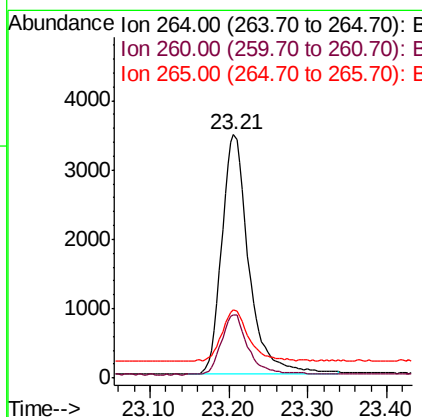
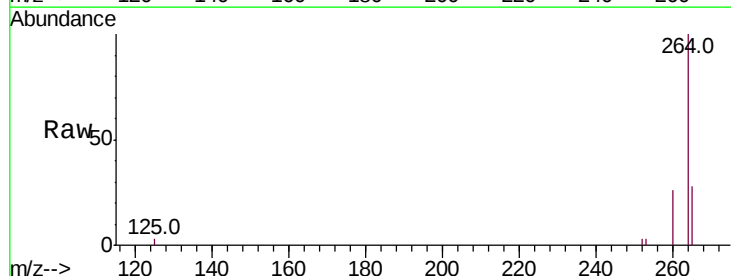
Instrument :
 BNA_E
 ClientSampled :

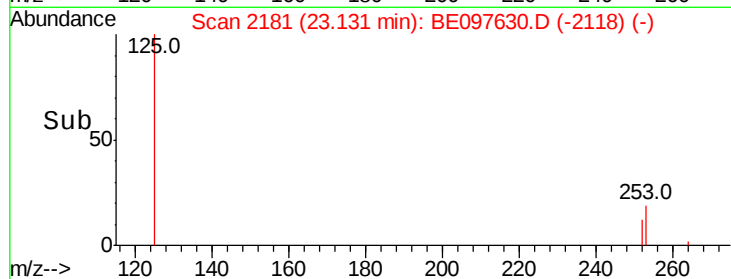
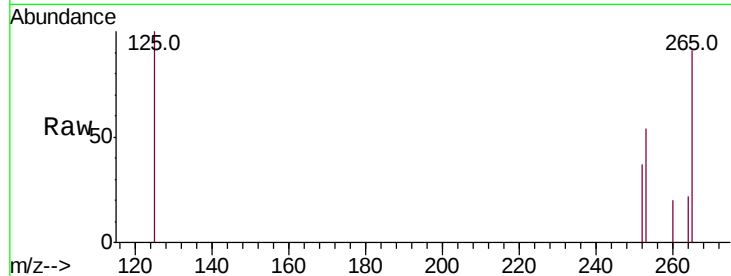
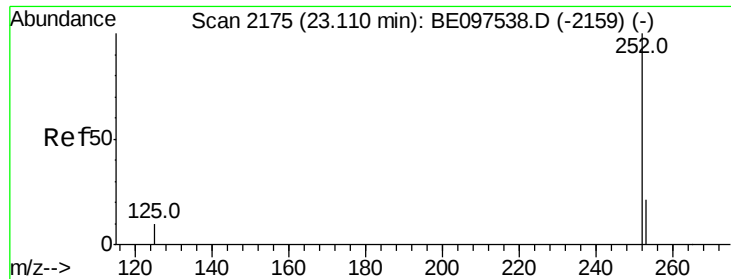
Tot Ion:149 Resp: 1980
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.4 8.0
 279 1.9 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2202
 Delta R.T. 0.00 min
 Lab File: BE097630.D
 Acq: 22 Sep 2018 3:11

Tgt Ion:264 Resp: 8267
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.5 30.7
 265 27.8 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.023 ng

RT: 23.13 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE097630.D

Acq: 22 Sep 2018 3:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 45

Ion Ratio Lower Upper

252 100

253 145.5 16.0 24.0#

125 267.7 12.0 18.0#

