

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097598.D
 Acq On : 21 Sep 2018 6:47
 Operator : SJ/JU
 Sample : J4969-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ456I-20180917

Quant Time: Sep 21 07:39:18 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	627	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	2850	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1757	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5774	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8010	0.40	ng	0.00
34) Perylene-d12	23.20	264	7799	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	308	0.16	ng	0.00
5) Phenol-d6	6.63	99	160	0.07	ng	0.02
8) Nitrobenzene-d5	8.56	82	756	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	11.73	152	1806	0.46	ng	0.02
14) 2,4,6-Tribromophenol	15.51	330	354	0.50	ng	-0.01
15) 2-Fluorobiphenyl	12.63	172	3609	0.58	ng	0.01
25) Fluoranthene-d10	18.80	212	34094	0.46	ng	0.00
29) Terphenyl-d14	19.41	244	8125	0.55	ng	0.00

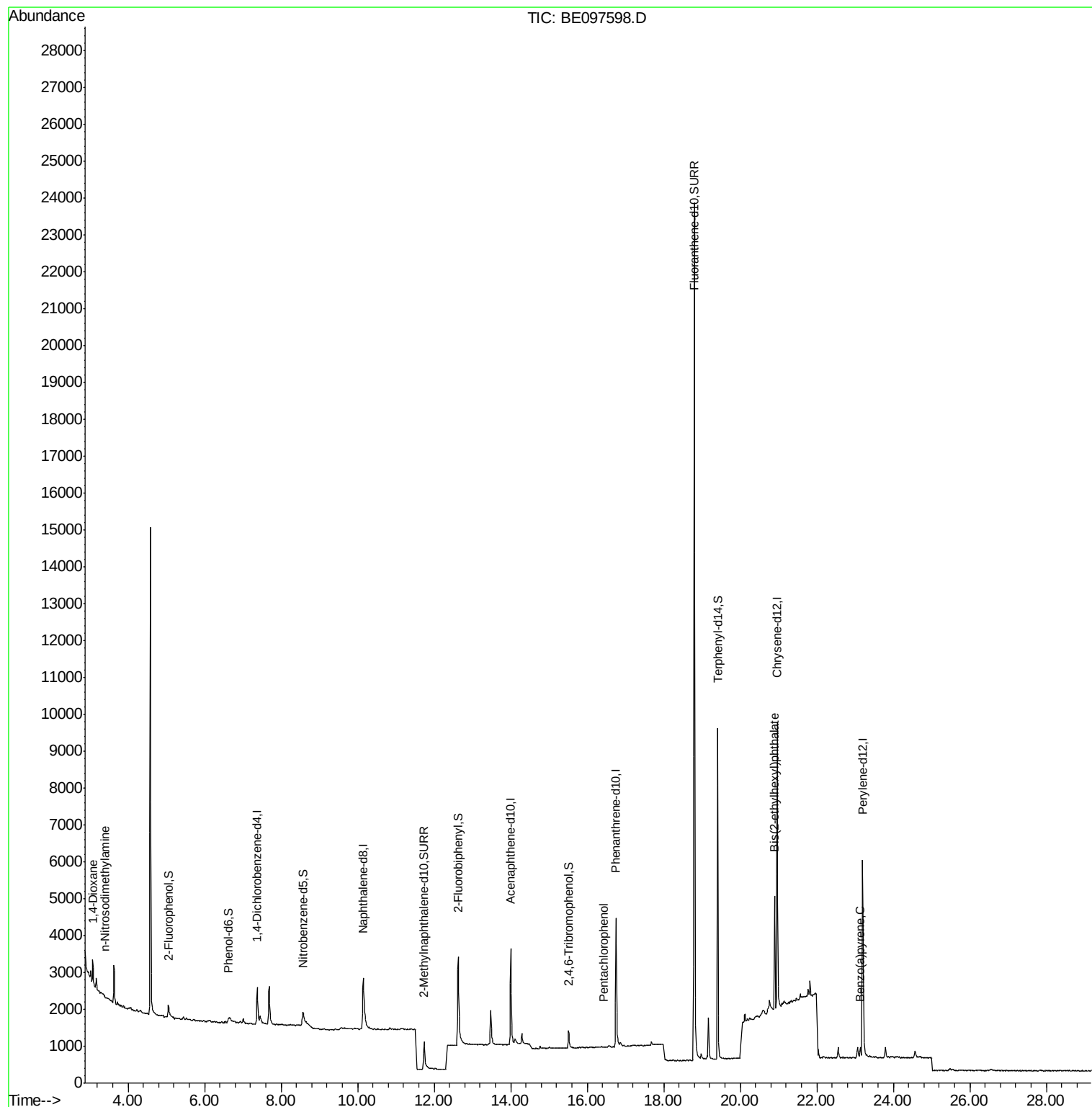
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	386	0.356	ng	# 74
3) n-Nitrosodimethylamine	3.39	42	10	0.027	ng	# 24
22) Pentachlorophenol	16.44	266	10	0.137	ng	93
32) Bis(2-ethylhexyl)phthalate	20.89	149	4100	0.131	ng	# 99
37) Benzo(a)pyrene	23.13	252	69	0.024	ng	# 1

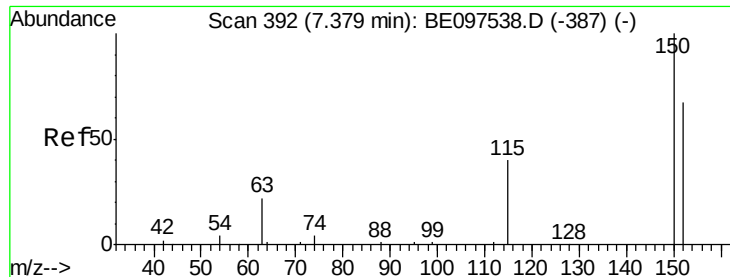
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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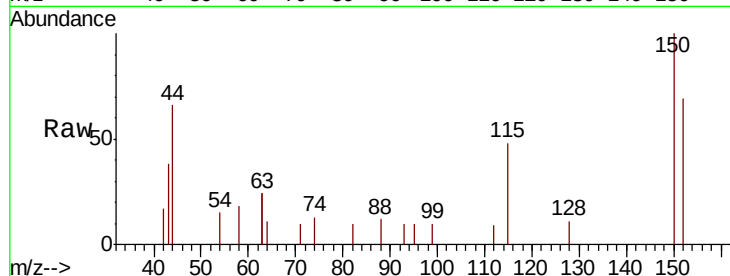


#1

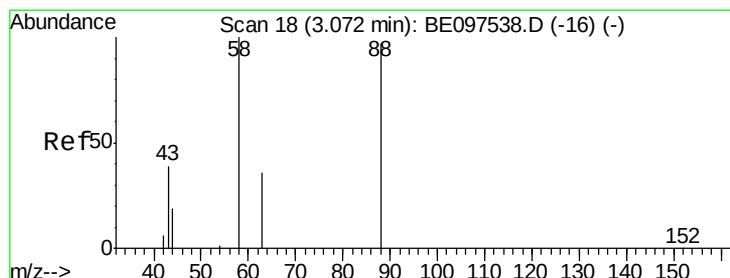
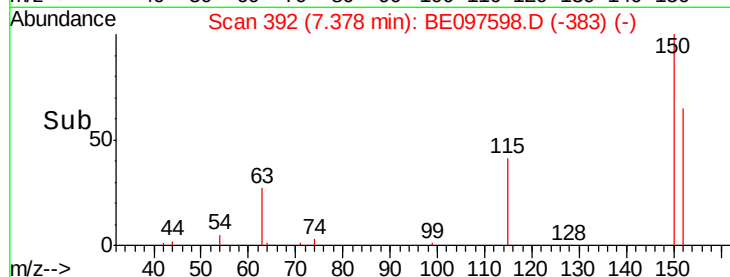
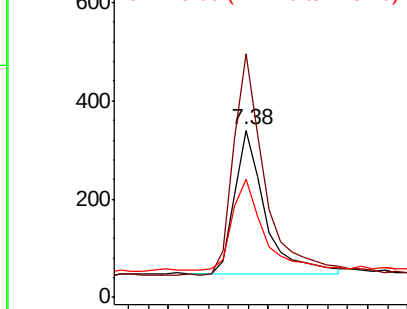
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Instrument :
BNA_E
ClientSampleId :
FT-PZ456I-20180917

Tgt Ion:152 Resp: 627
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 70.6 57.0 85.6



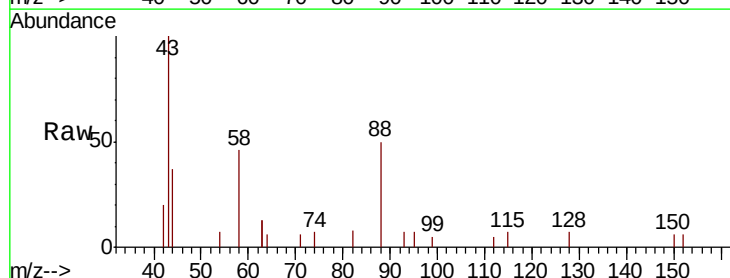
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



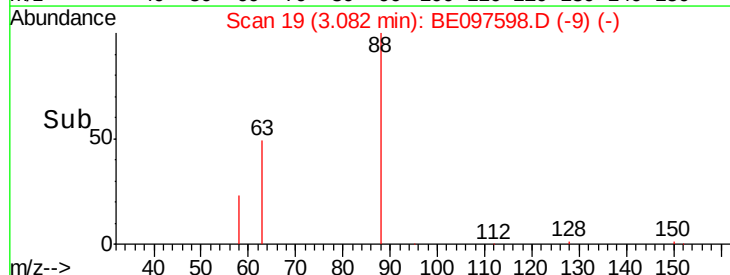
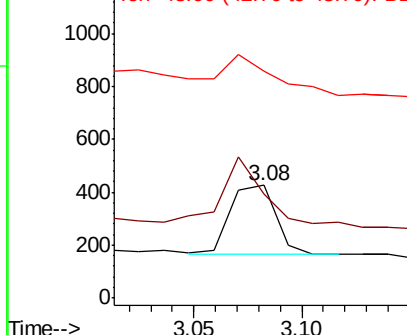
#2

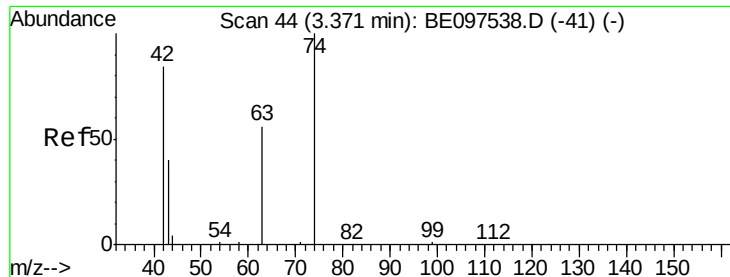
1,4-Dioxane
Concen: 0.356 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Tgt Ion: 88 Resp: 386
Ion Ratio Lower Upper
88 100
58 100.5 63.2 94.8#
43 70.7 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: 0.027 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.02 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

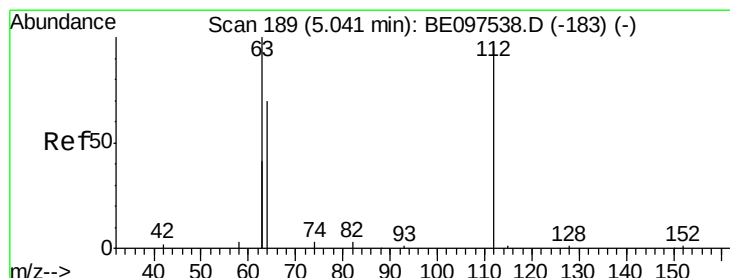
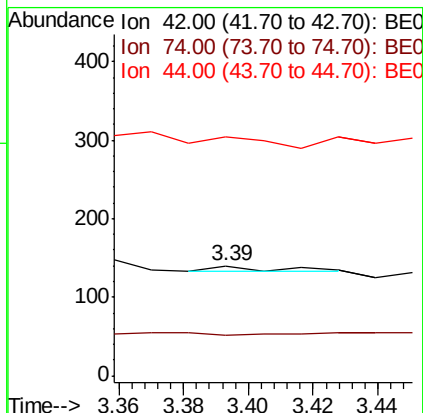
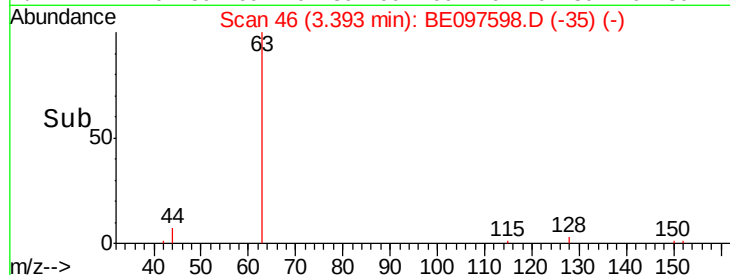
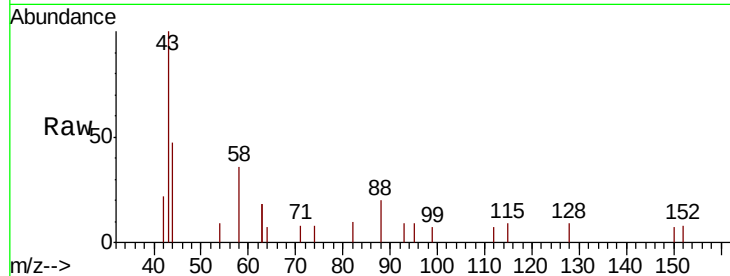
Instrument :

BNA_E

ClientSampleId :

FT-PZ456I-20180917

Tgt Ion:	42	Resp:	10
Ion	Ratio	Lower	Upper
42	100		
74	30.0	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.164 ng

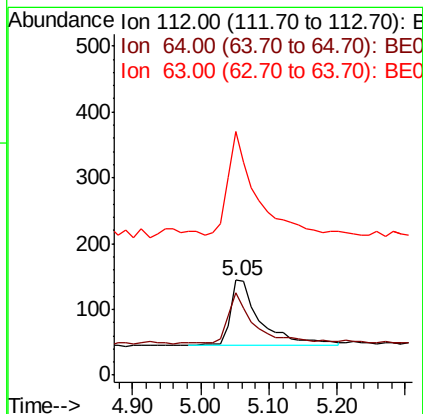
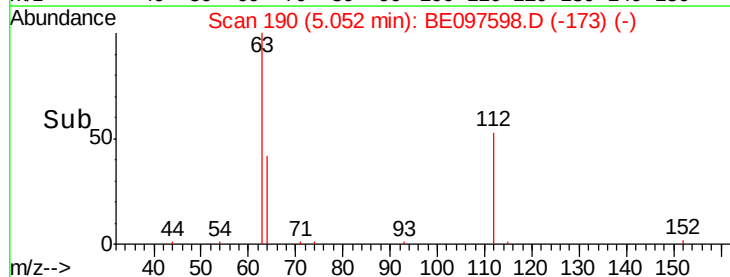
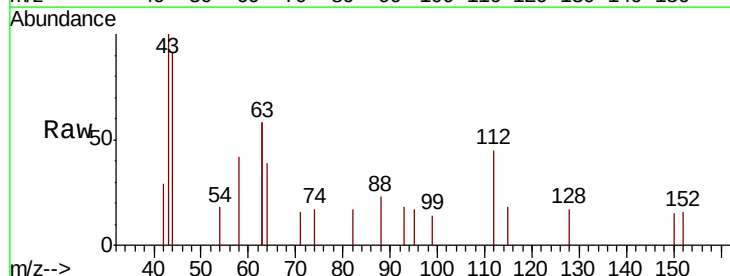
RT: 5.05 min Scan# 190

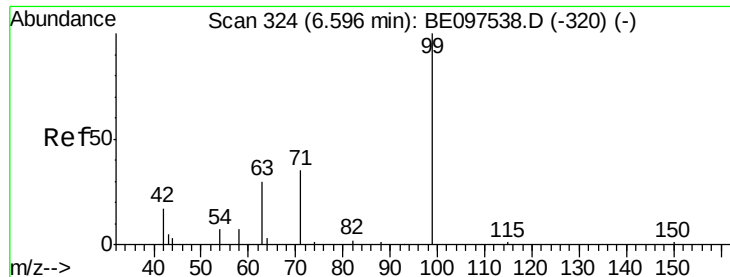
Delta R.T. -0.00 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Tgt Ion:	112	Resp:	308
Ion	Ratio	Lower	Upper
112	100		
64	67.9	60.1	90.1
63	149.0	116.8	175.2





#5

Phenol-d6

Concen: 0.067 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.02 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

ClientSampleId :

FT-PZ456I-20180917

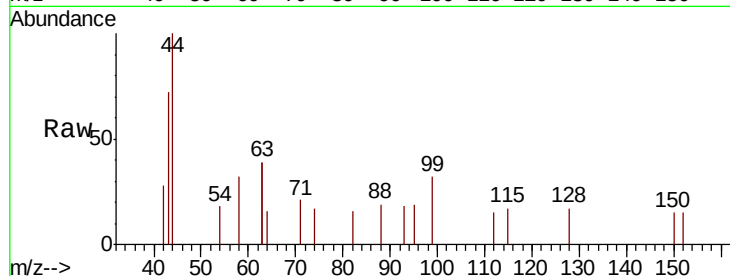
Tgt Ion: 99 Resp: 160

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

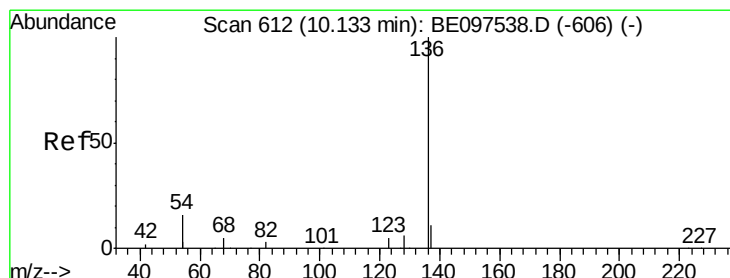
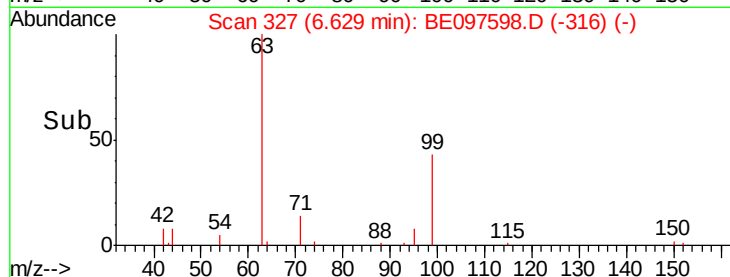
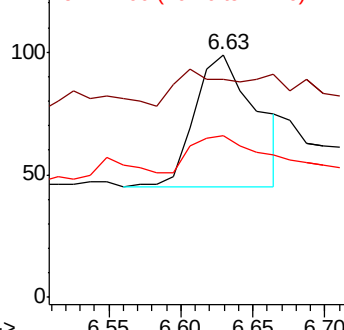
71 28.7 28.4 42.6



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: BE097598.D

Acq: 21 Sep 2018 6:47

Tgt Ion: 136 Resp: 2850

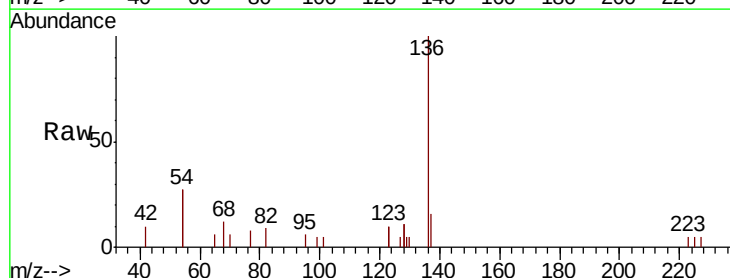
Ion Ratio Lower Upper

136 100

137 16.0 9.5 14.3#

54 53.5 29.1 43.7#

68 12.0 6.2 9.2#

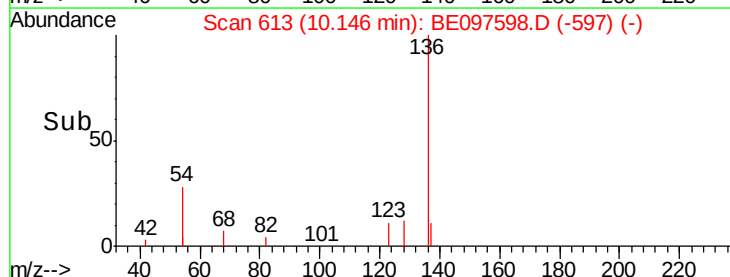
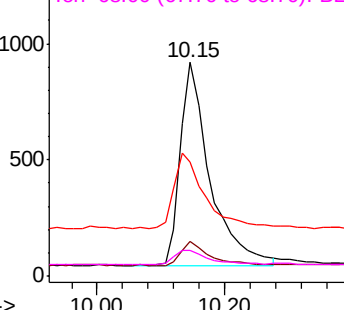


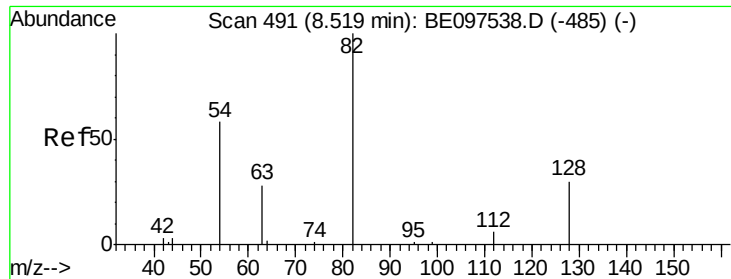
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.343 ng

RT: 8.56 min Scan# 495

Delta R.T. 0.03 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

ClientSampleId :

FT-PZ456I-20180917

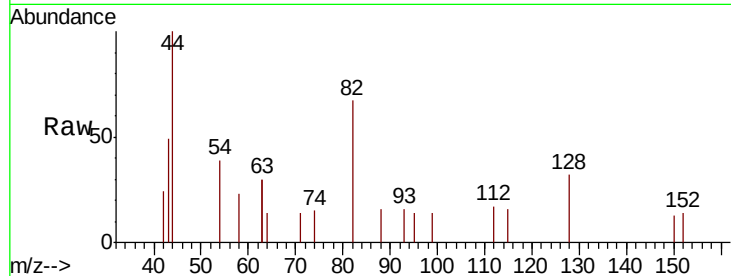
Tgt Ion: 82 Resp: 756

Ion Ratio Lower Upper

82 100

128 47.8 24.0 36.0#

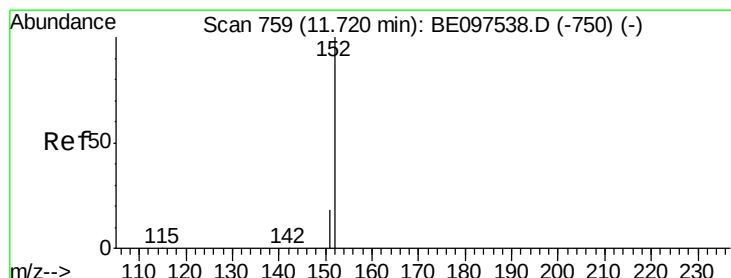
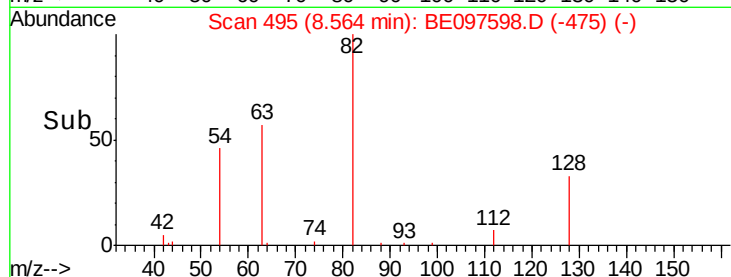
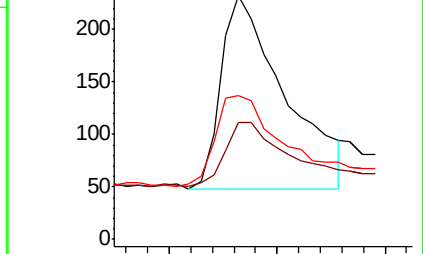
54 59.1 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.02 min

Lab File: BE097598.D

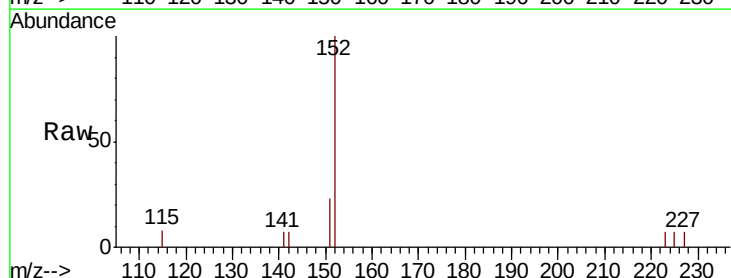
Acq: 21 Sep 2018 6:47

Tgt Ion: 152 Resp: 1806

Ion Ratio Lower Upper

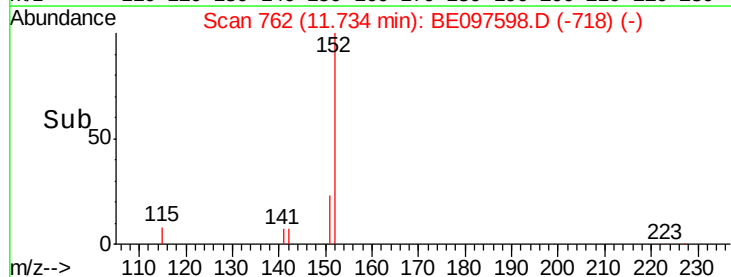
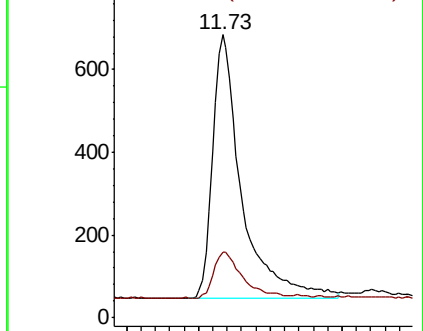
152 100

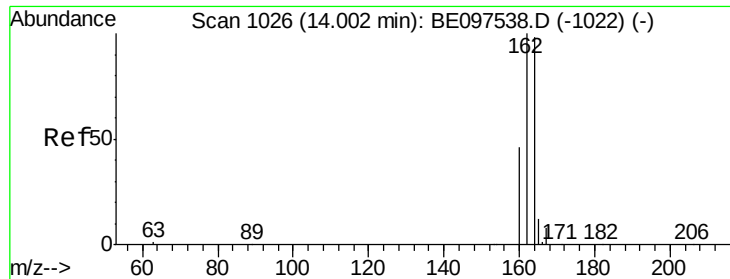
151 17.1 15.4 23.0



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: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

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ClientSampleId :

FT-PZ456I-20180917

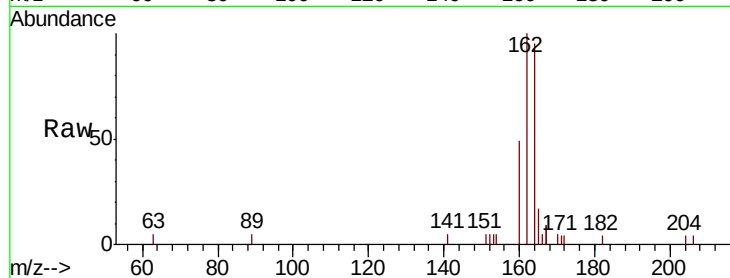
Tgt Ion:164 Resp: 1757

Ion Ratio Lower Upper

164 100

162 105.2 83.1 124.7

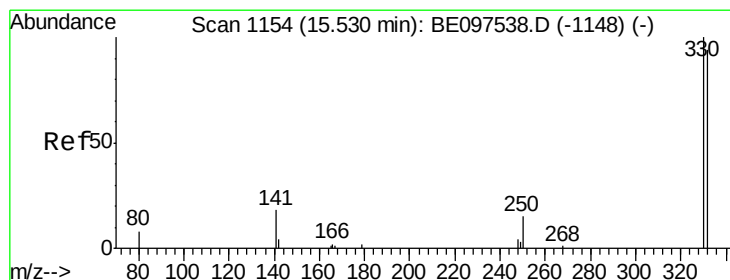
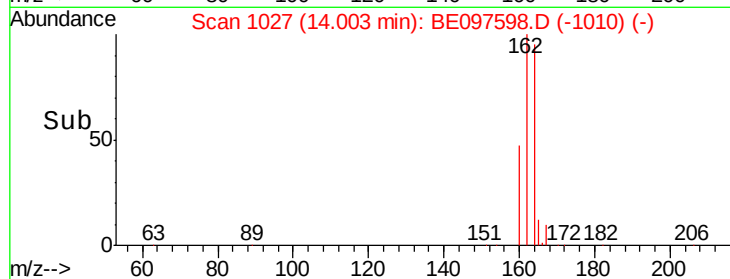
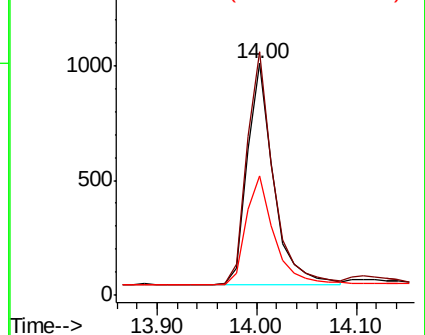
160 51.8 37.1 55.7



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: 0.504 ng

RT: 15.51 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

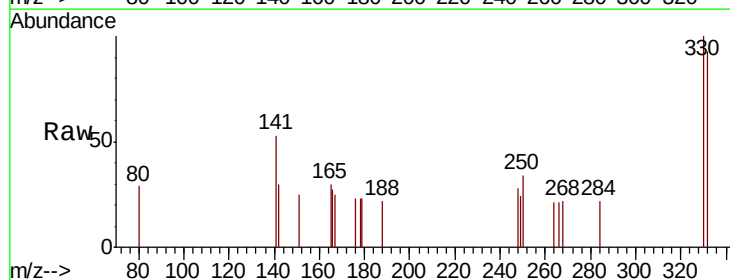
Tgt Ion:330 Resp: 354

Ion Ratio Lower Upper

330 100

332 93.5 152.7 229.1#

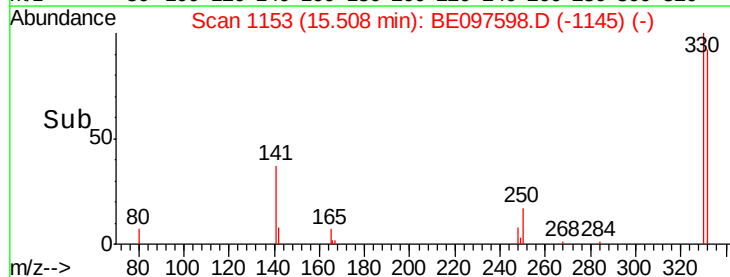
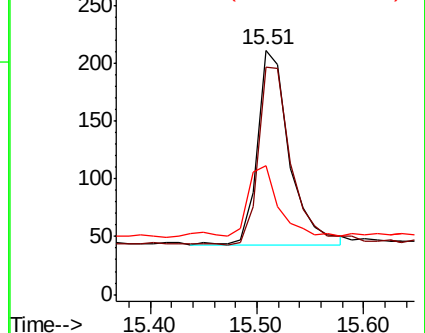
141 34.5 33.7 50.5

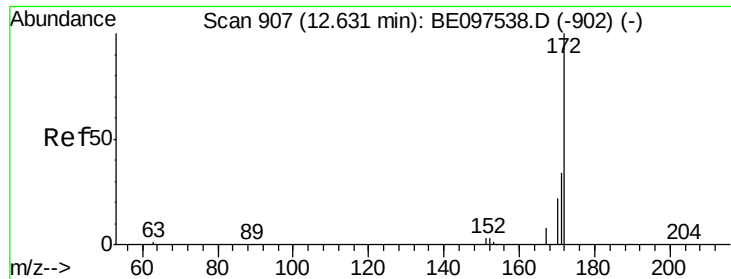


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

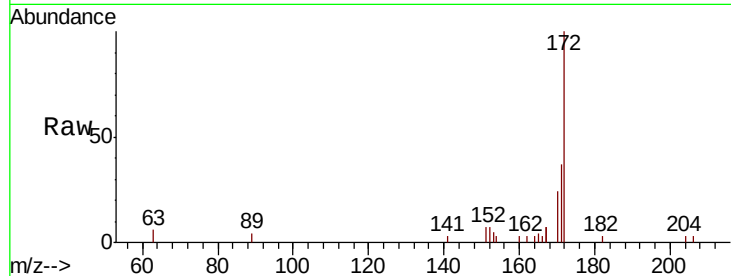




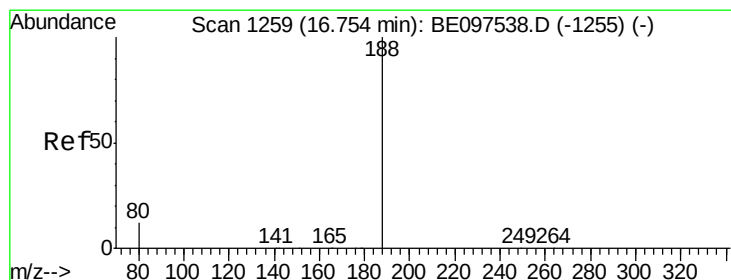
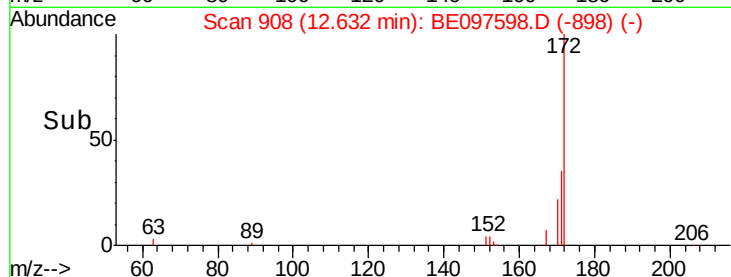
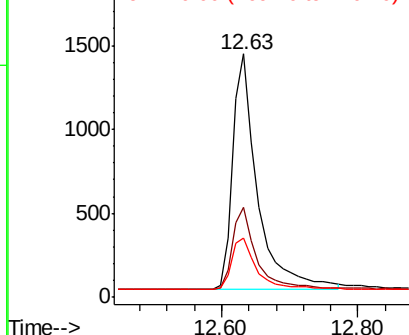
#15
2-Fluorobiphenyl
Concen: 0.581 ng
RT: 12.63 min Scan# 908
Delta R.T. 0.01 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Instrument :
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FT-PZ456I-20180917

Tgt Ion:172 Resp: 3609
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.3 21.8 32.8

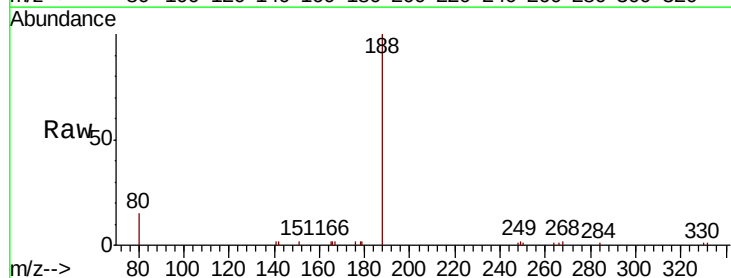


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

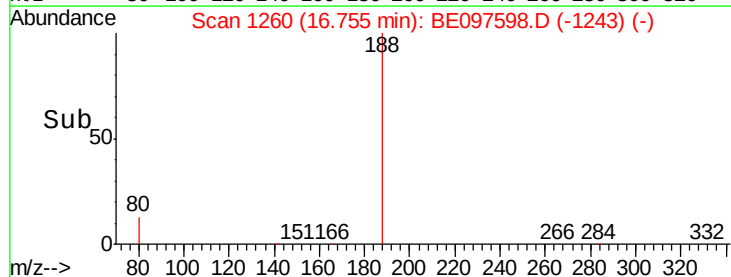
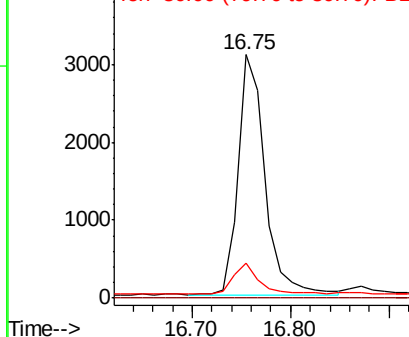


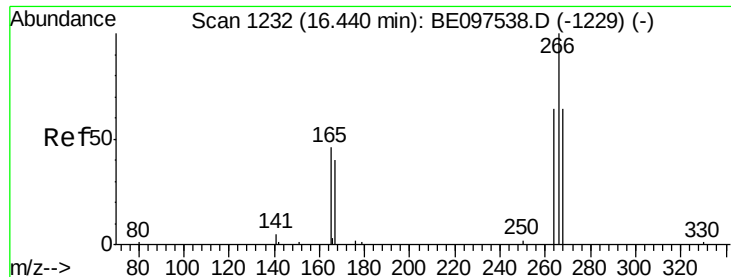
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097598.D
Acq: 21 Sep 2018 6:47

Tgt Ion:188 Resp: 5774
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.5 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: 0.137 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

ClientSampleId :

FT-PZ456I-20180917

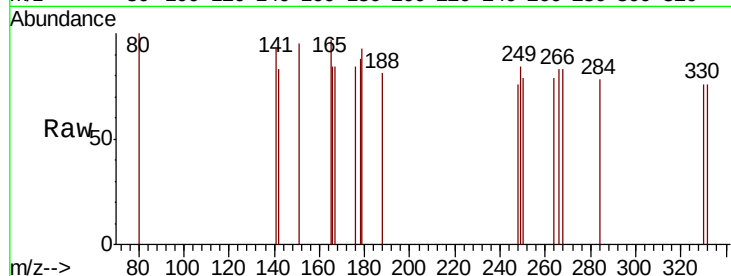
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

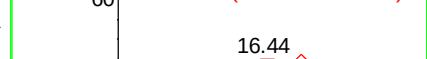
268 100.0 73.8 110.6



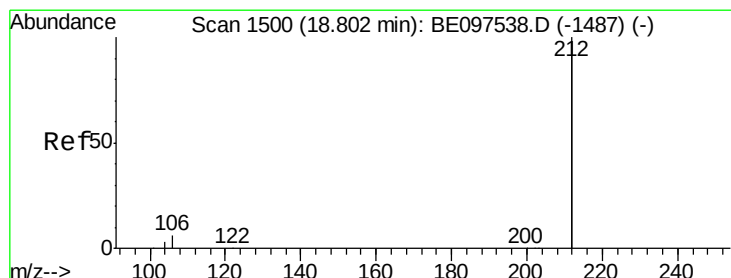
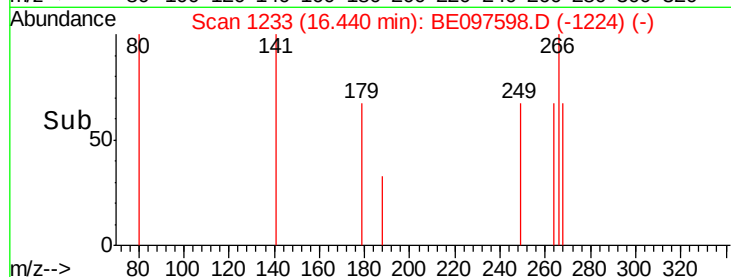
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.461 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

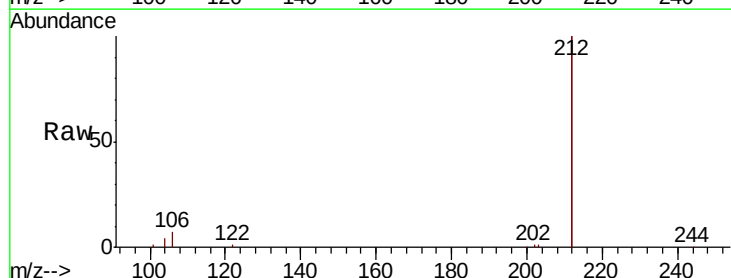
Tgt Ion:212 Resp: 34094

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

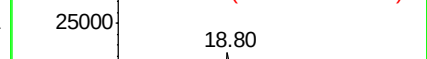
104 1.8 1.6 2.4



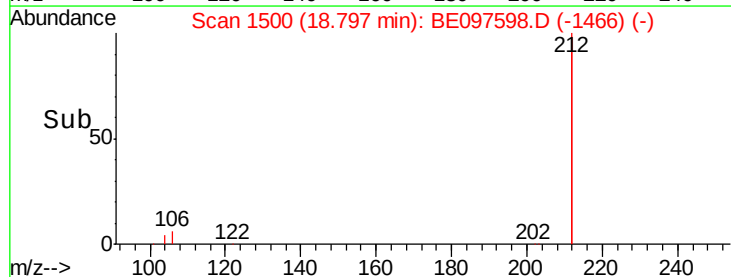
Abundance Ion 212.00 (211.70 to 212.70): E

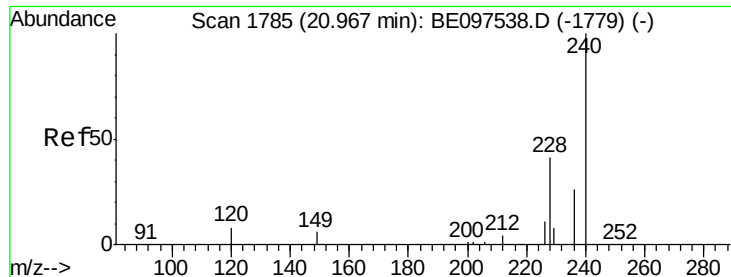
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

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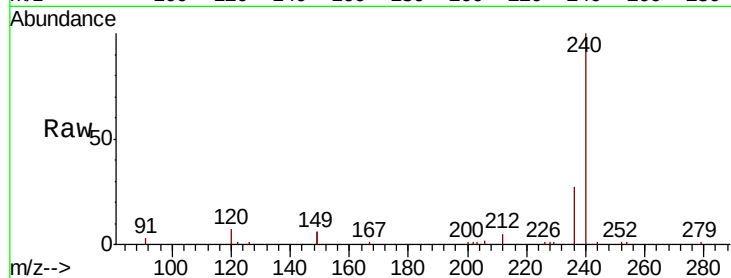
Tgt Ion:240 Resp: 8010

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

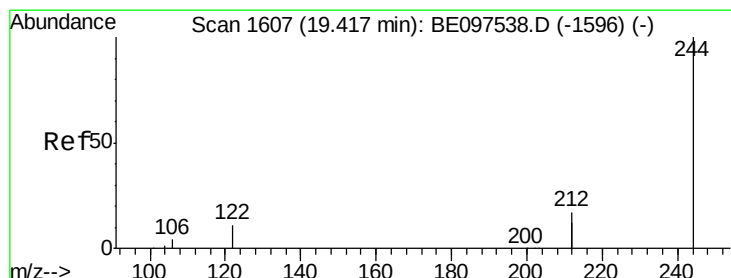
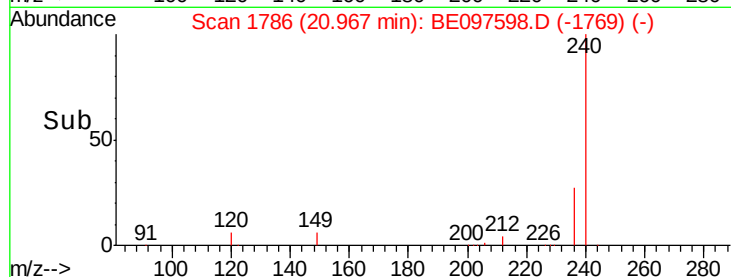
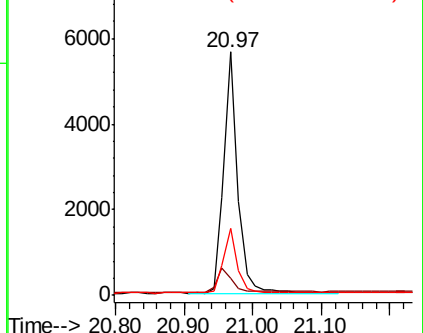
236 27.4 20.7 31.1



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: 0.554 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097598.D

Acq: 21 Sep 2018 6:47

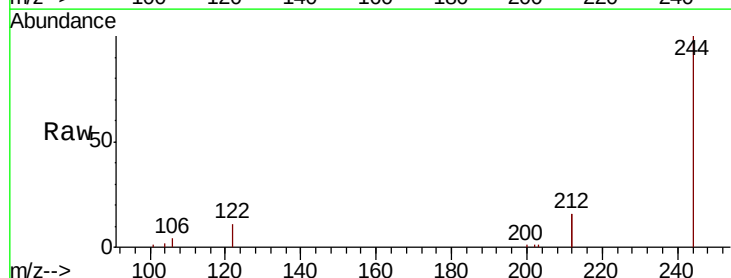
Tgt Ion:244 Resp: 8125

Ion Ratio Lower Upper

244 100

212 31.7 25.4 38.0

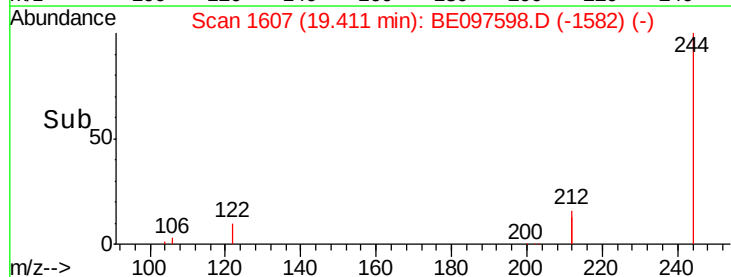
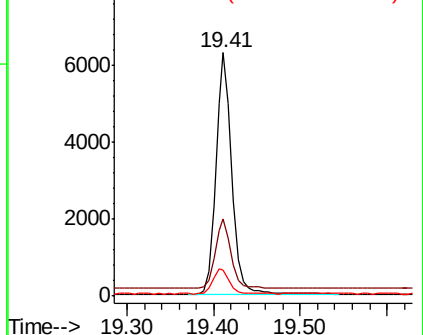
122 10.7 8.1 12.1

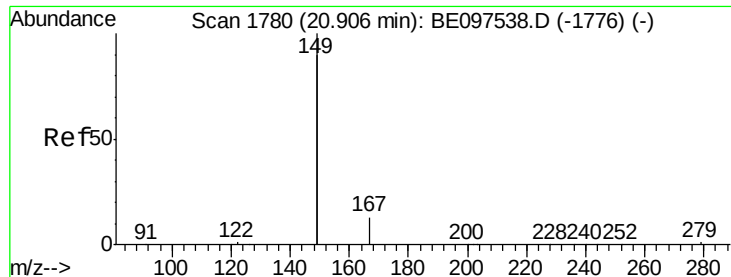


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

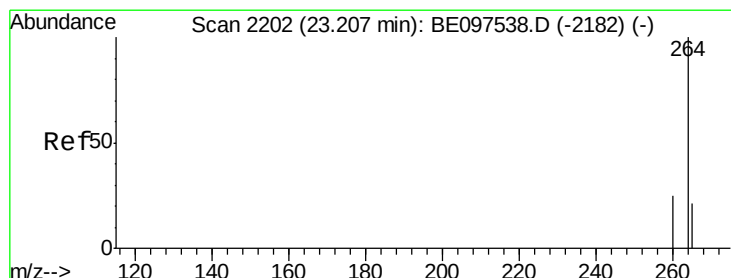
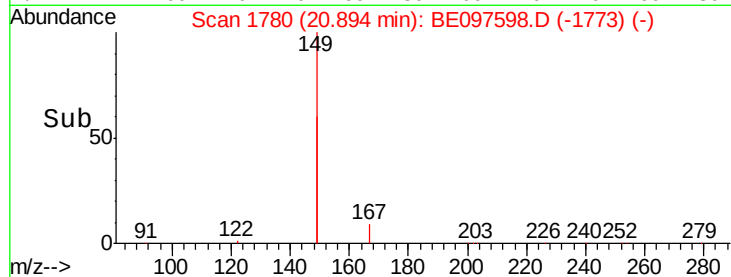
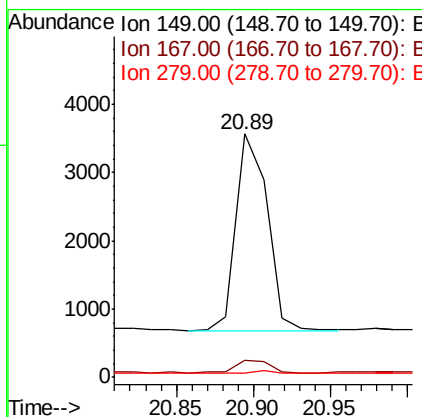
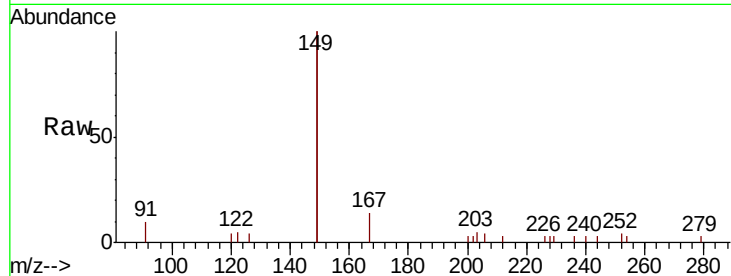




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.131 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BE097598.D
 Acq: 21 Sep 2018 6:47

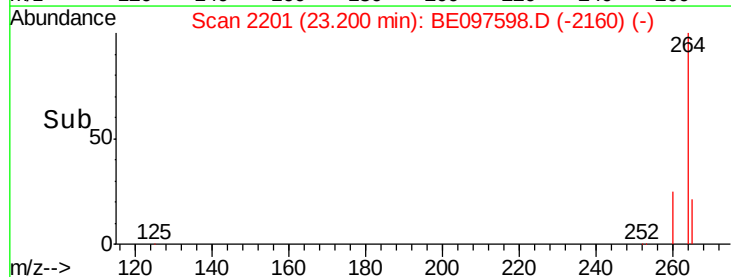
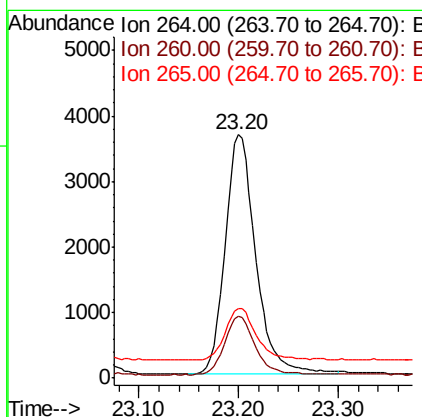
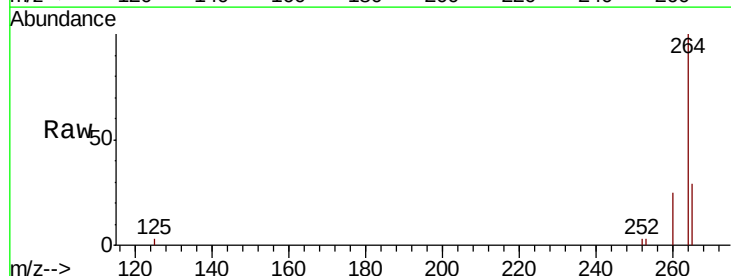
Instrument :
 BNA_E
 ClientSampleId :
 FT-PZ456I-20180917

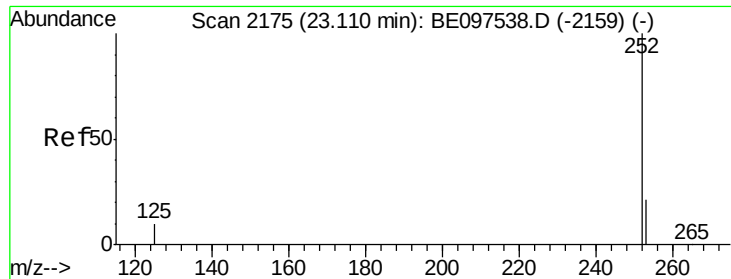
Tgt Ion:149 Resp: 4100
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097598.D
 Acq: 21 Sep 2018 6:47

Tgt Ion:264 Resp: 7799
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 28.5 22.8 34.2





#37

Benzo(a)pyrene

Concen: 0.024 ng

RT: 23.13 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE097598.D

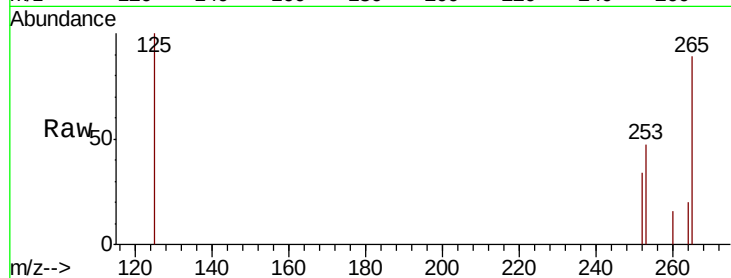
Acq: 21 Sep 2018 6:47

Instrument :

BNA_E

ClientSampleId :

FT-PZ456I-20180917



Tgt Ion:	252	Resp:	69
Ion	Ratio	Lower	Upper
252	100		
253	139.3	16.0	24.0#
125	293.5	12.0	18.0#

