

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097587.D
 Acq On : 20 Sep 2018 23:20
 Operator : SJ/JU
 Sample : J4934-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP03-20180912

Quant Time: Sep 21 06:01:27 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	873	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3872	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2338	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7744	0.40	ng	0.00
27) Chrysene-d12	20.97	240	10581	0.40	ng	0.00
34) Perylene-d12	23.20	264	10383	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	525	0.20	ng	0.00
5) Phenol-d6	6.64	99	141	0.04	ng	0.04
8) Nitrobenzene-d5	8.55	82	1234	0.41	ng	0.02
11) 2-Methylnaphthalene-d10	11.72	152	2592	0.49	ng	0.00
14) 2,4,6-Tribromophenol	15.51	330	699	0.70	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5852	0.71	ng	0.00
25) Fluoranthene-d10	18.80	212	47836	0.48	ng	0.00
29) Terphenyl-d14	19.41	244	13254	0.68	ng	0.00

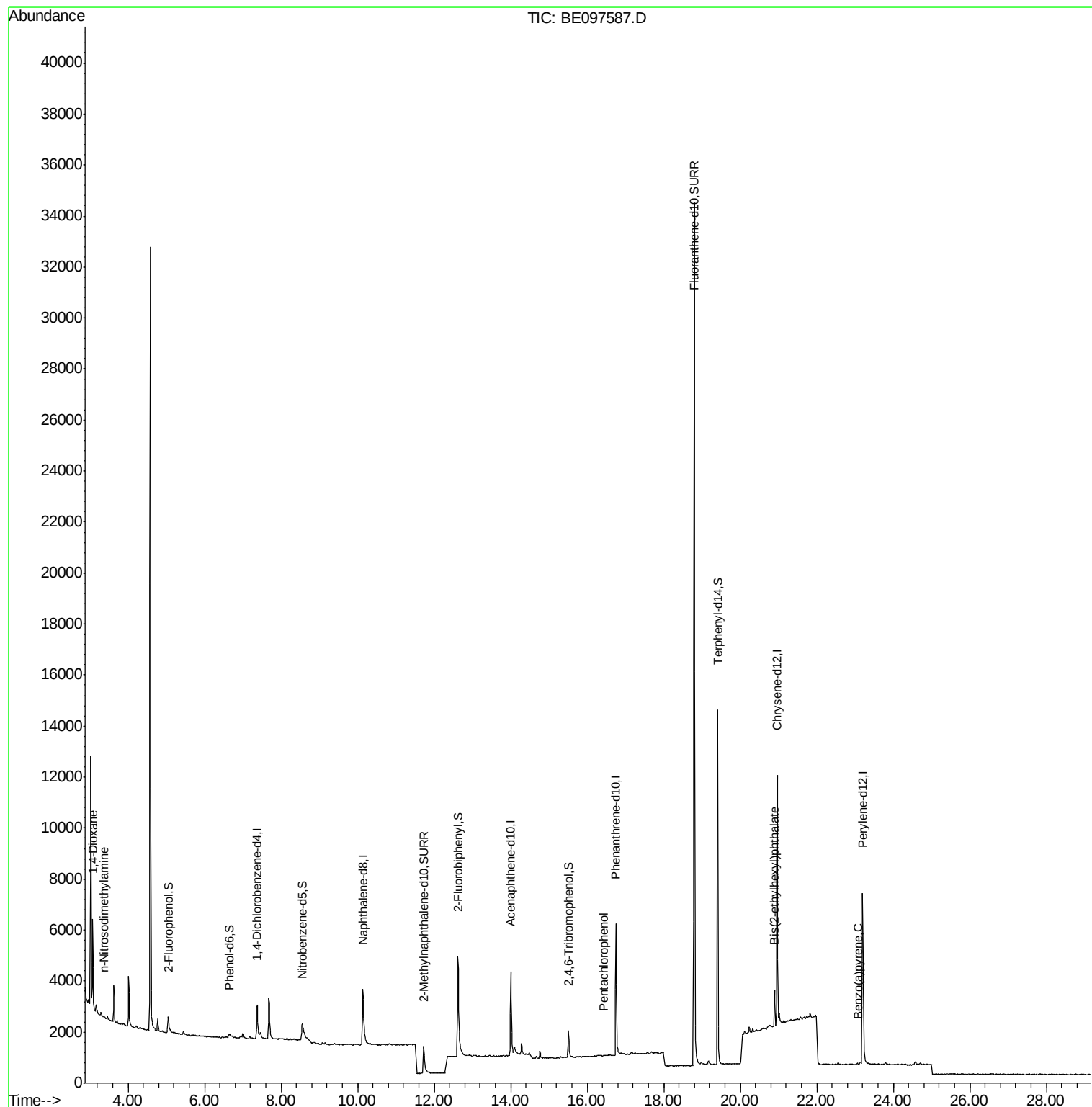
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	1851	1.339	ng	# 91
3) n-Nitrosodimethylamine	3.37	42	16	0.029	ng	# 60
22) Pentachlorophenol	16.43	266	9	0.135	ng	95
32) Bis(2-ethylhexyl)phthalate	20.89	149	1822	0.051	ng	# 99
37) Benzo(a)pyrene	23.10	252	2	0.021	ng	# 1

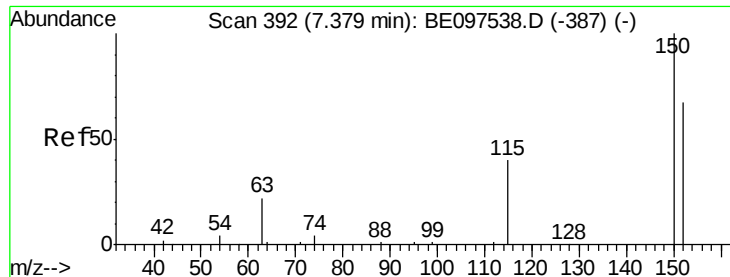
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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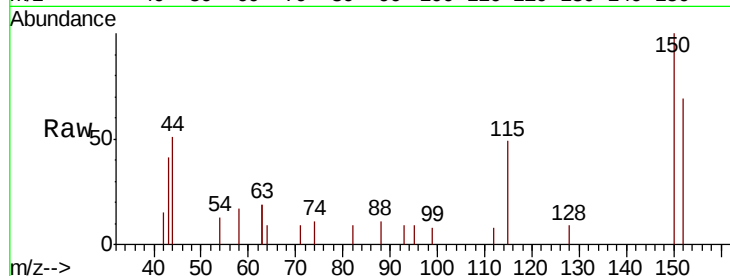


#1

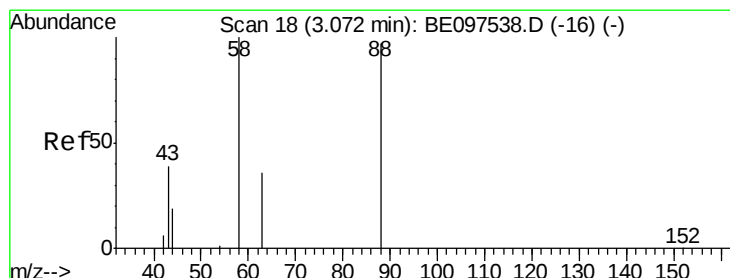
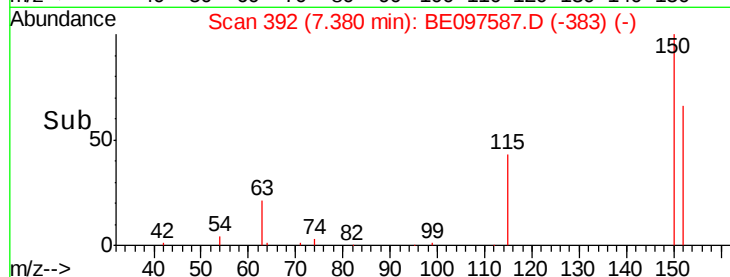
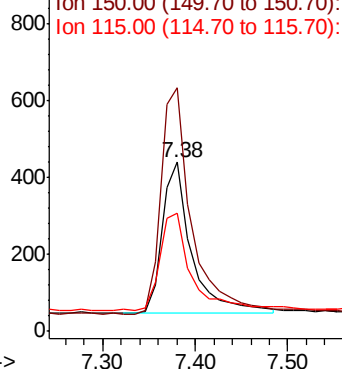
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097587.D
Acq: 20 Sep 2018 23:20

Instrument :
BNA_E
ClientSampleId :
FT-DUP03-20180912

Tgt Ion: 152 Resp: 873
Ion Ratio Lower Upper
152 100
150 144.1 117.2 175.8
115 70.2 57.0 85.6



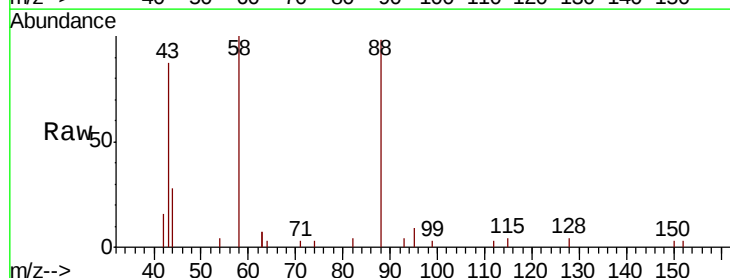
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



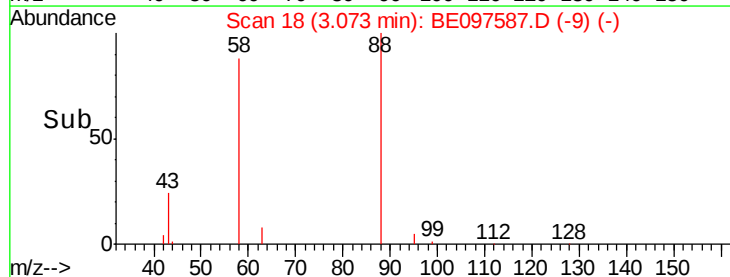
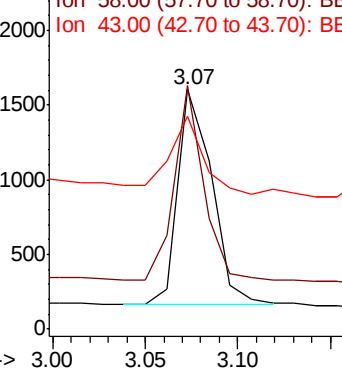
#2

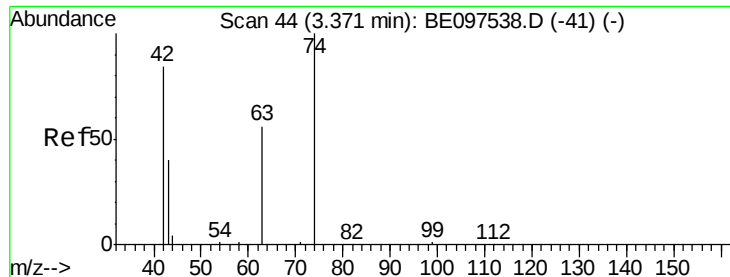
1,4-Dioxane
Concen: 1.339 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097587.D
Acq: 20 Sep 2018 23:20

Tgt Ion: 88 Resp: 1851
Ion Ratio Lower Upper
88 100
58 78.3 63.2 94.8
43 37.1 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: 0.029 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

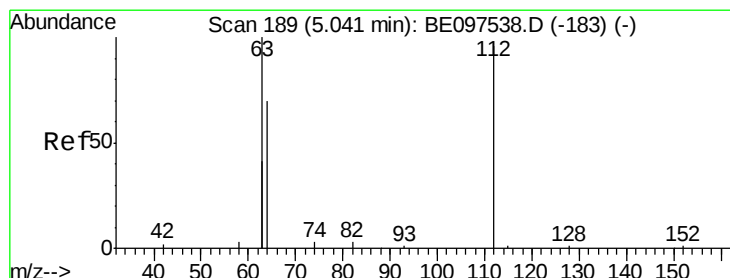
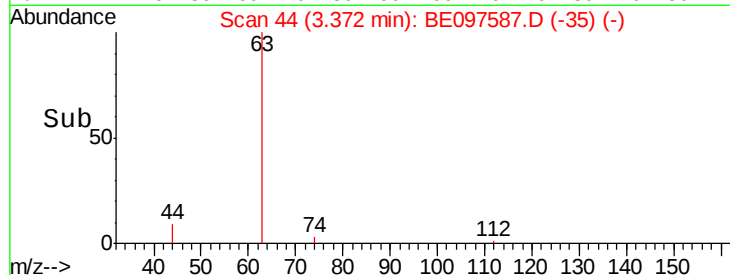
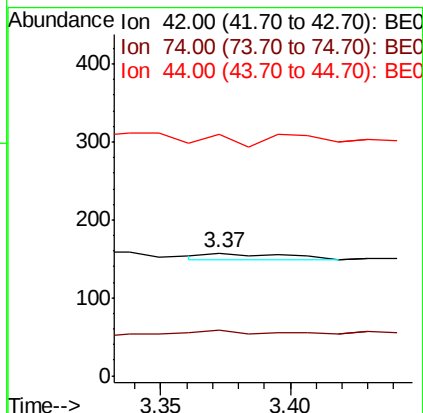
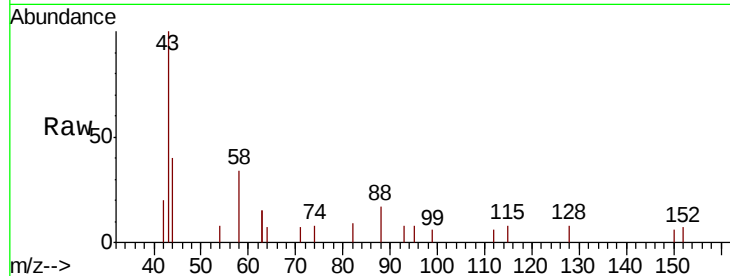
Instrument :

BNA_E

ClientSampleId :

FT-DUP03-20180912

Tgt Ion:	42	Resp:	16
Ion	Ratio	Lower	Upper
42	100		
74	75.0	96.0	144.0#
44	0.0	12.0	18.0#



#4

2-Fluorophenol

Concen: 0.201 ng

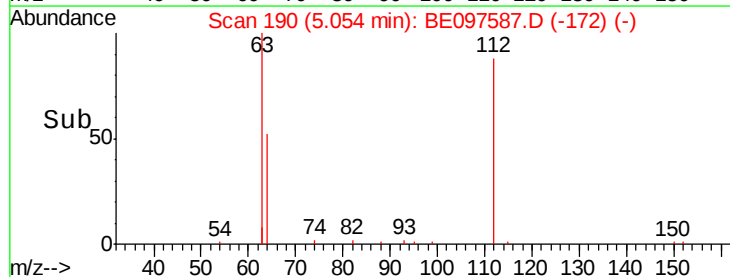
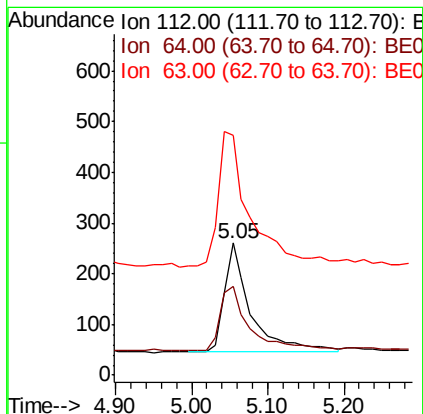
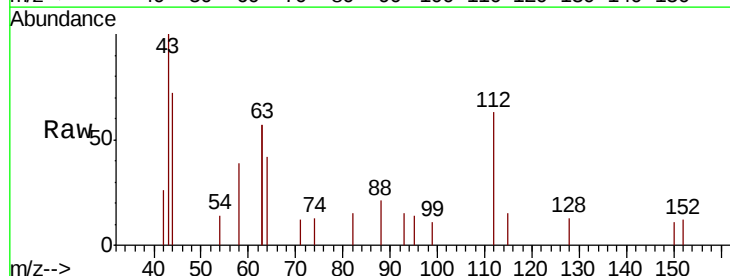
RT: 5.05 min Scan# 190

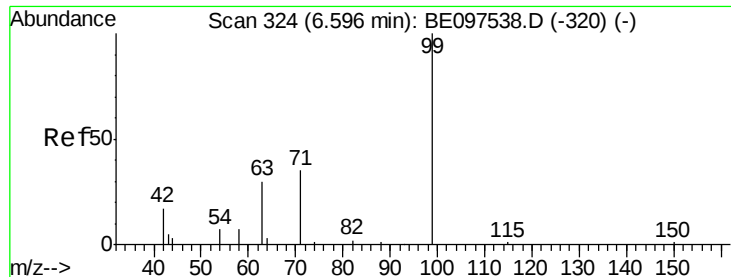
Delta R.T. 0.00 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Tgt Ion:	112	Resp:	525
Ion	Ratio	Lower	Upper
112	100		
64	64.8	60.1	90.1
63	150.9	116.8	175.2





#5

Phenol-d6

Concen: 0.042 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.04 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

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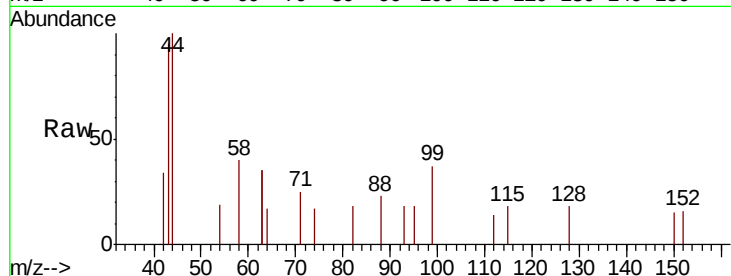
Tgt Ion: 99 Resp: 141

Ion Ratio Lower Upper

99 100

42 37.6 20.2 30.2#

71 39.0 28.4 42.6

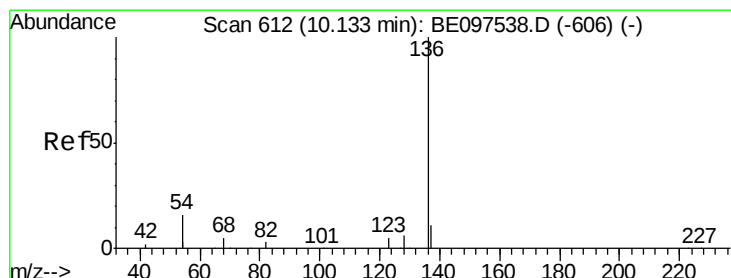
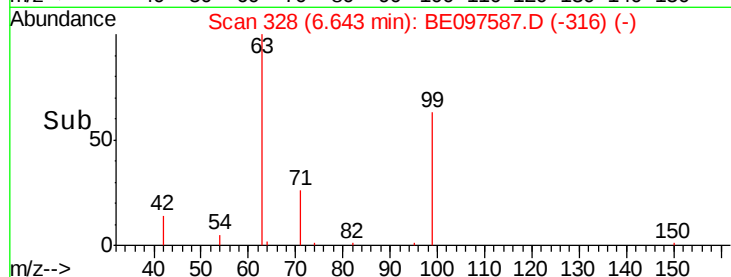
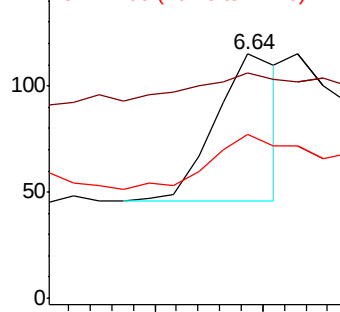


Abundance

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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Tgt Ion: 136 Resp: 3872

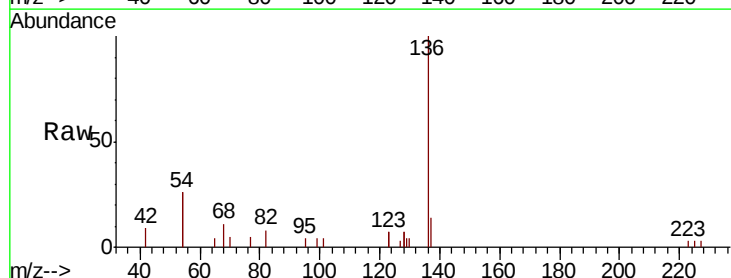
Ion Ratio Lower Upper

136 100

137 13.7 9.5 14.3

54 51.7 29.1 43.7#

68 11.3 6.2 9.2#



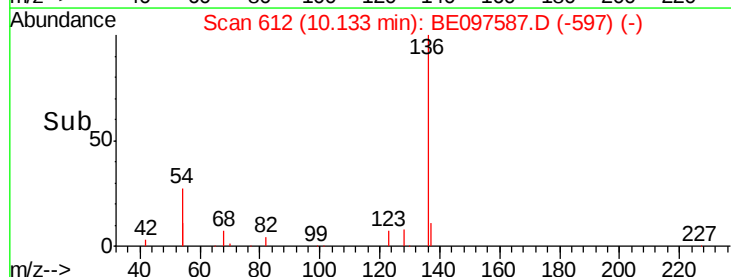
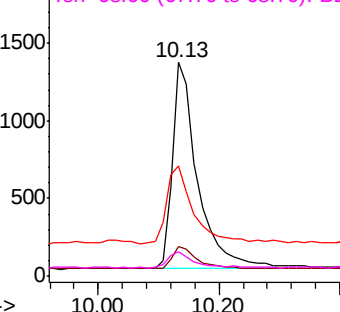
Abundance

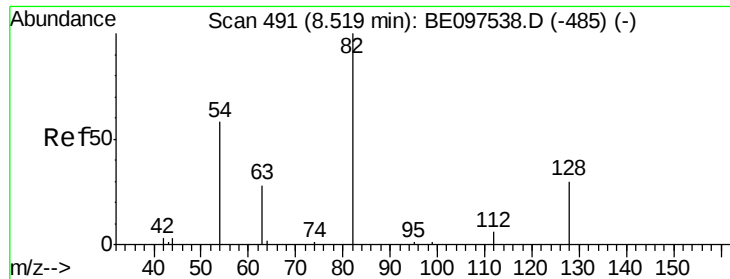
Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.413 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.02 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

FT-DUP03-20180912

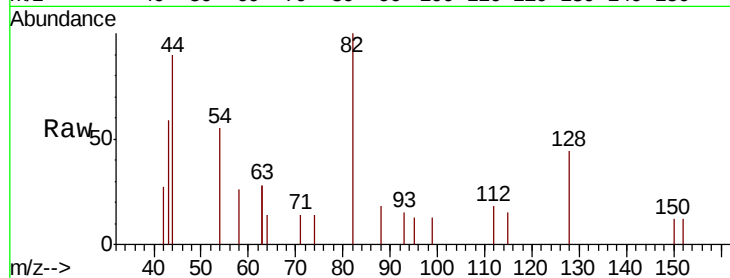
Tgt Ion: 82 Resp: 1234

Ion Ratio Lower Upper

82 100

128 44.4 24.0 36.0#

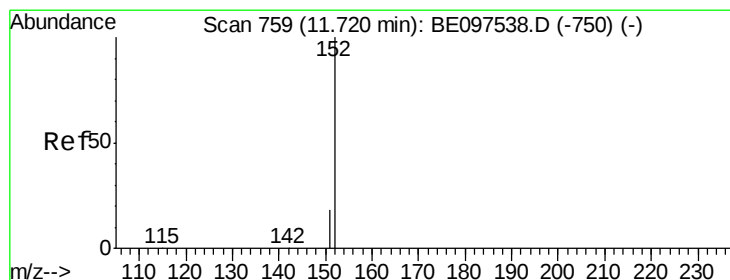
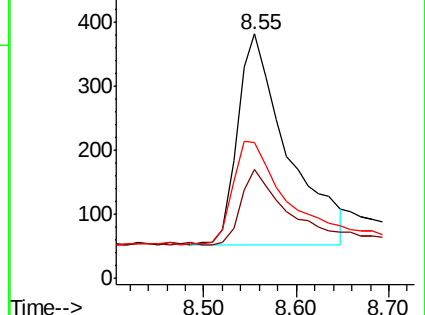
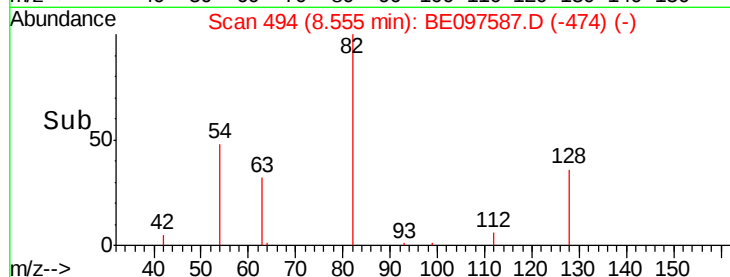
54 55.4 40.0 60.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.486 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097587.D

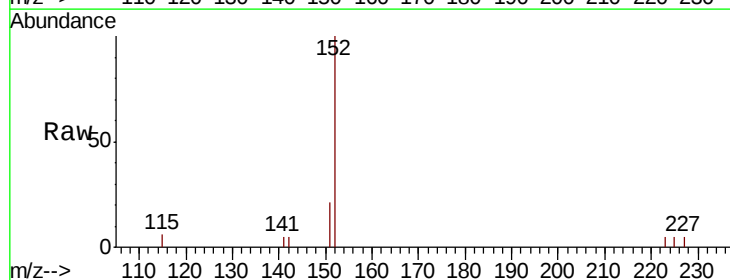
Acq: 20 Sep 2018 23:20

Tgt Ion: 152 Resp: 2592

Ion Ratio Lower Upper

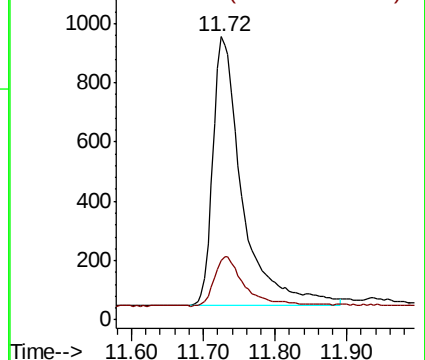
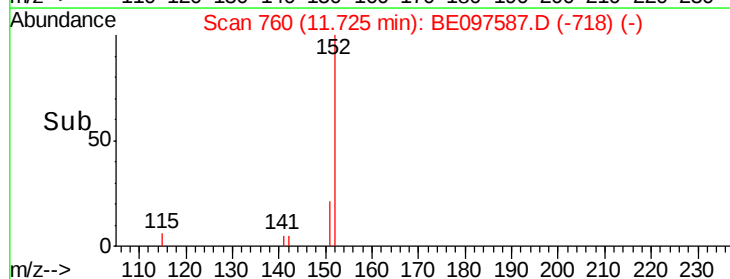
152 100

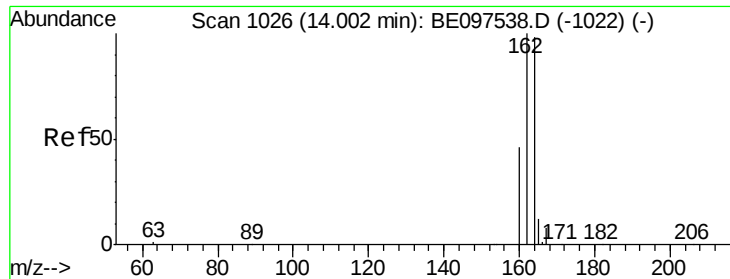
151 17.8 15.4 23.0



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# 1026

Delta R.T. 0.00 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Instrument :

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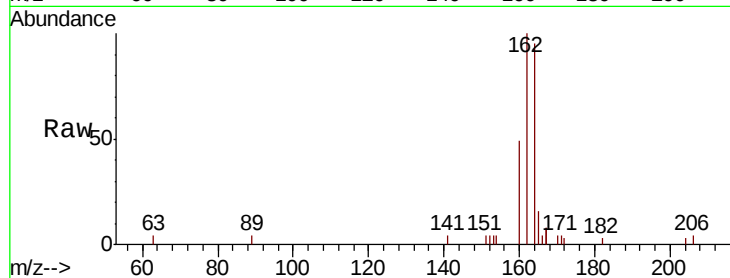
Tgt Ion:164 Resp: 2338

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

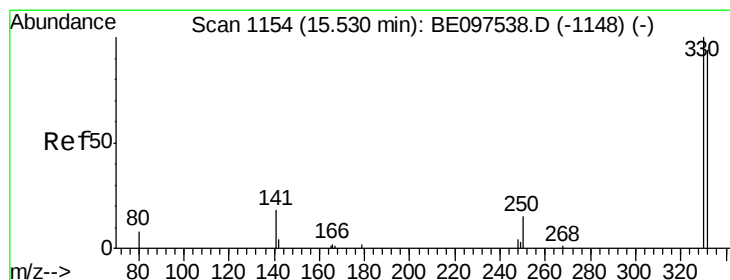
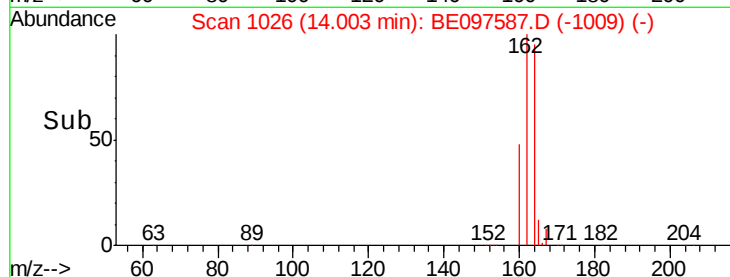
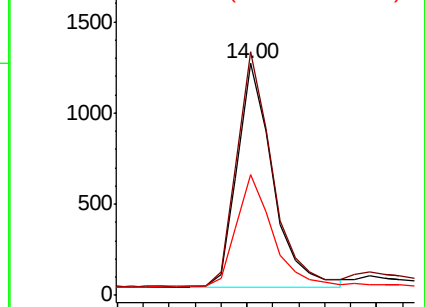
160 51.8 37.1 55.7



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: 0.698 ng

RT: 15.51 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

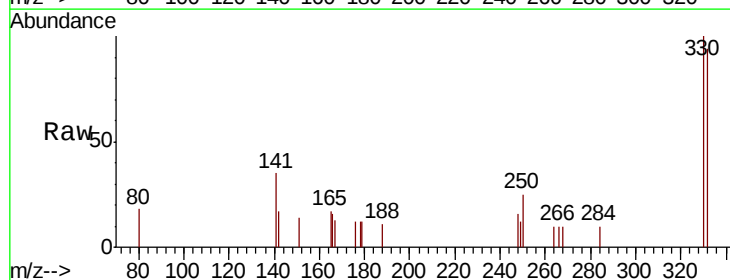
Tgt Ion:330 Resp: 699

Ion Ratio Lower Upper

330 100

332 96.1 152.7 229.1#

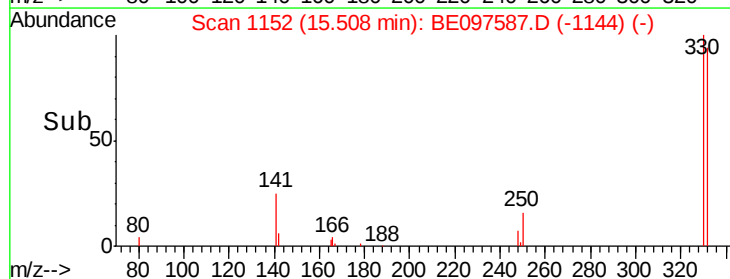
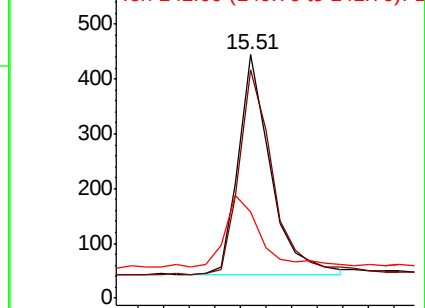
141 36.3 33.7 50.5

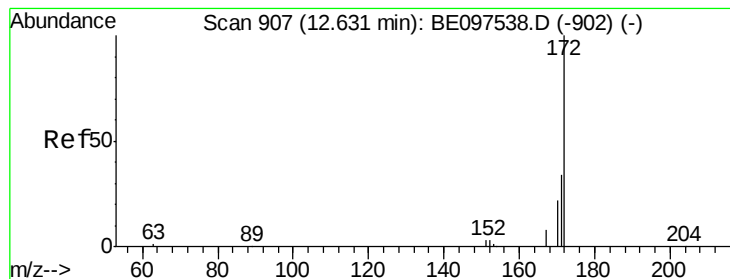


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.708 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

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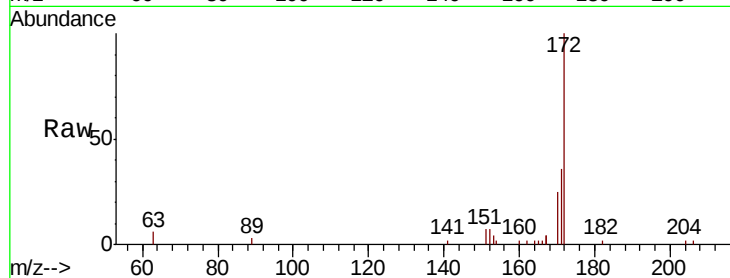
Tgt Ion:172 Resp: 5852

Ion Ratio Lower Upper

172 100

171 36.2 29.9 44.9

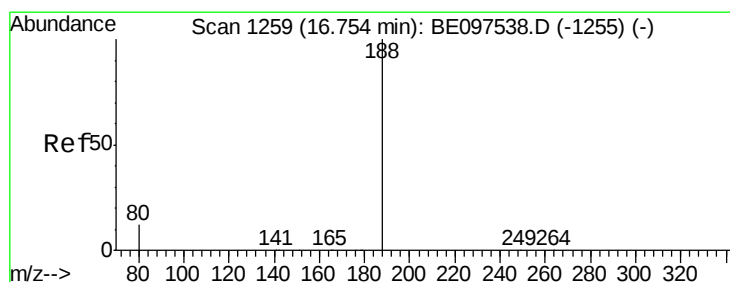
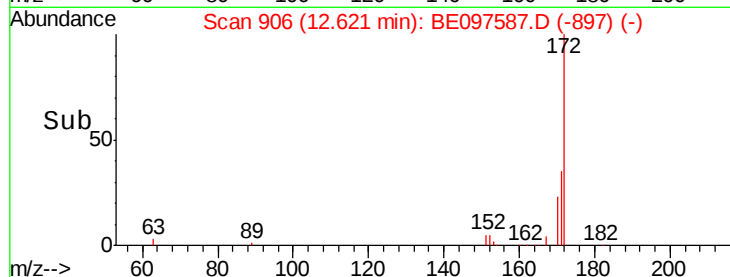
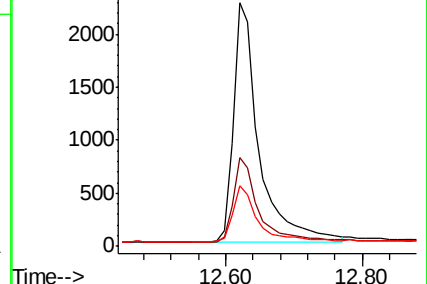
170 24.8 21.8 32.8



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# 1259

Delta R.T. 0.00 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

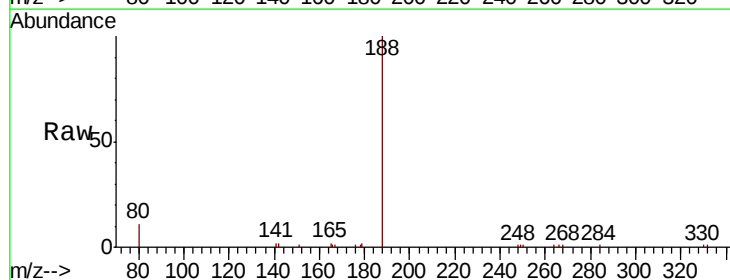
Tgt Ion:188 Resp: 7744

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

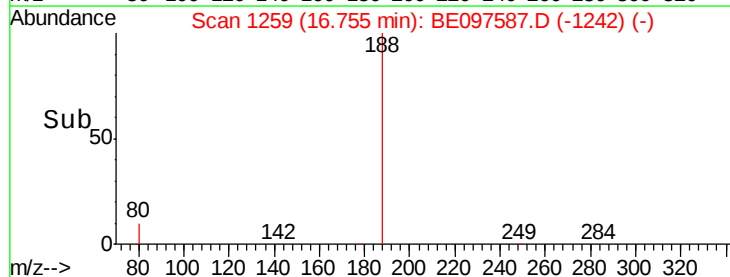
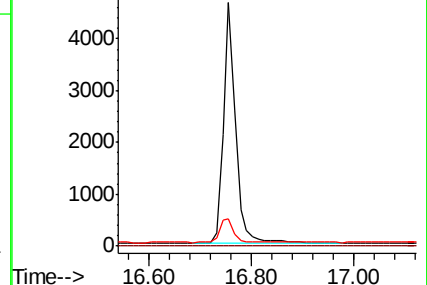
80 11.4 3.6 5.4#

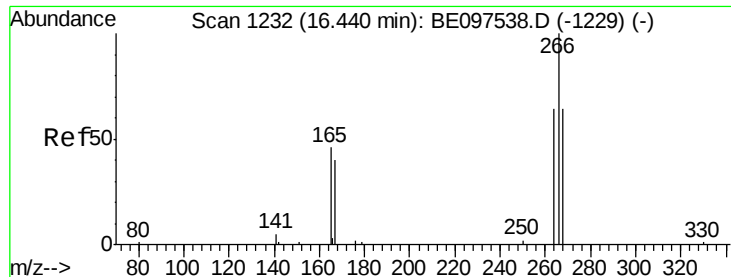


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.135 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Instrument :

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FT-DUP03-20180912

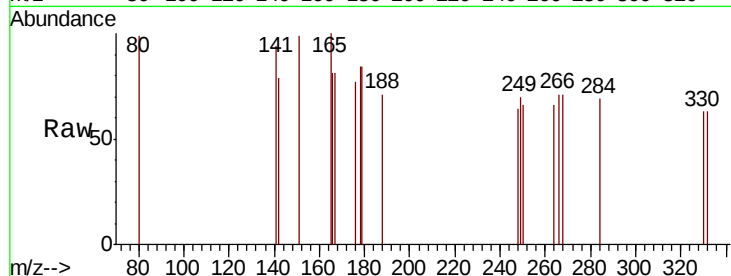
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 92.0 72.5 108.7

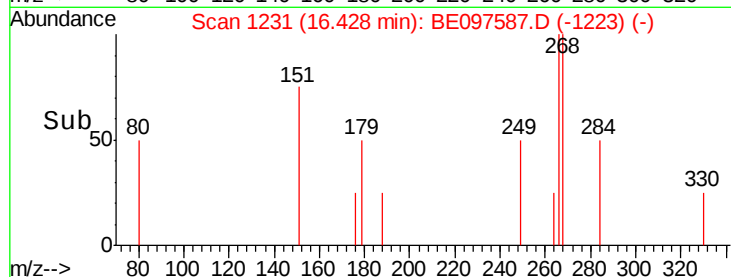
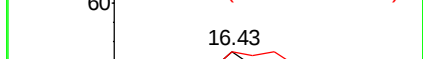
268 100.0 73.8 110.6



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



#25

Fluoranthene-d10

Concen: 0.482 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

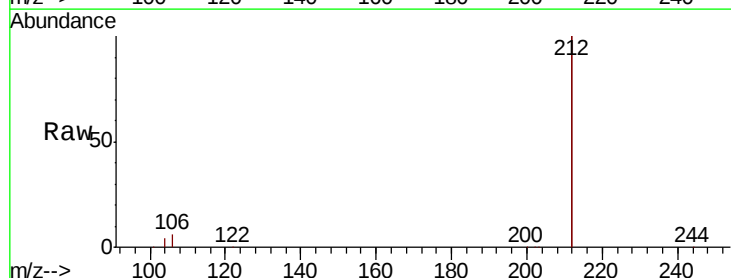
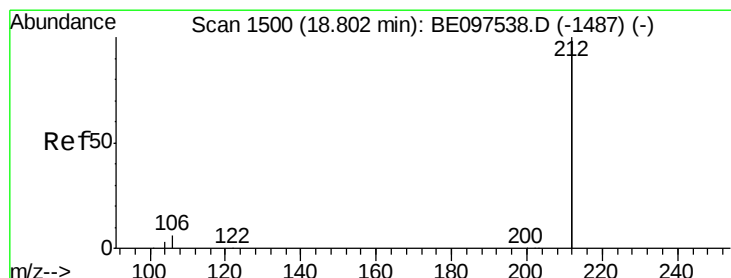
Tgt Ion:212 Resp: 47836

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

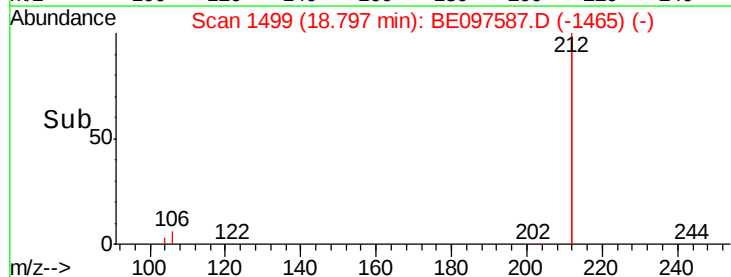
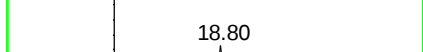
104 1.8 1.6 2.4

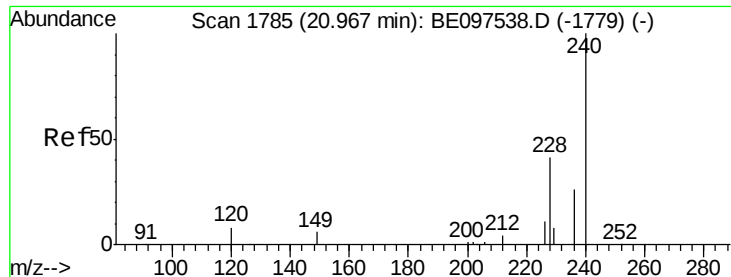


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

FT-DUP03-20180912

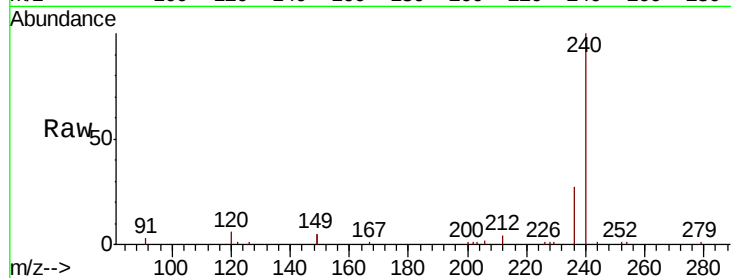
Tgt Ion:240 Resp: 10581

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

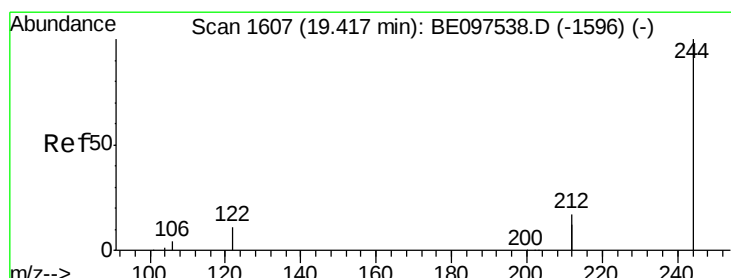
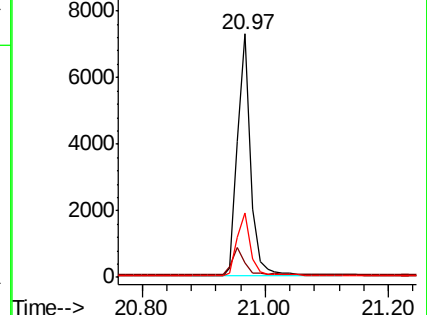
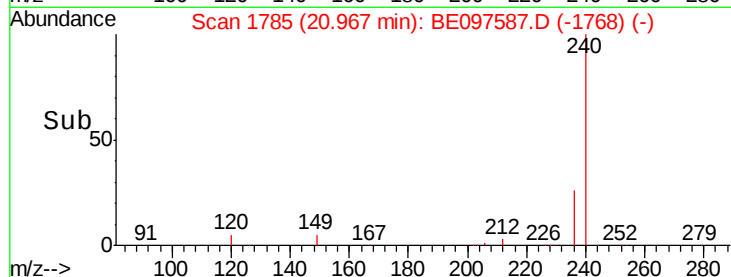
236 26.7 20.7 31.1



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: 0.684 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

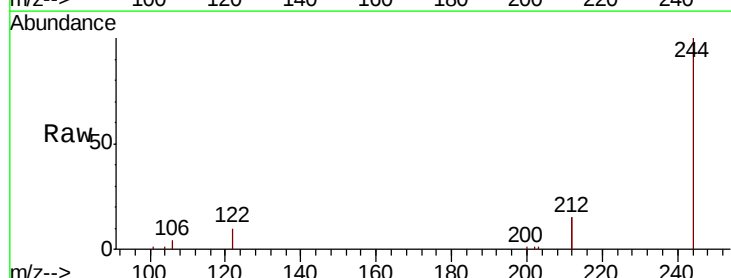
Tgt Ion:244 Resp: 13254

Ion Ratio Lower Upper

244 100

212 30.2 25.4 38.0

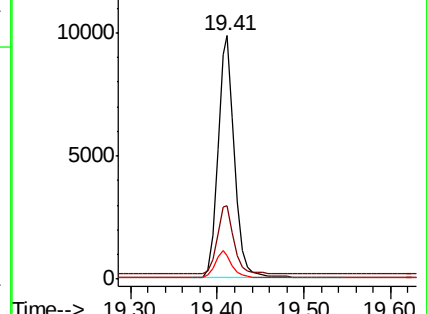
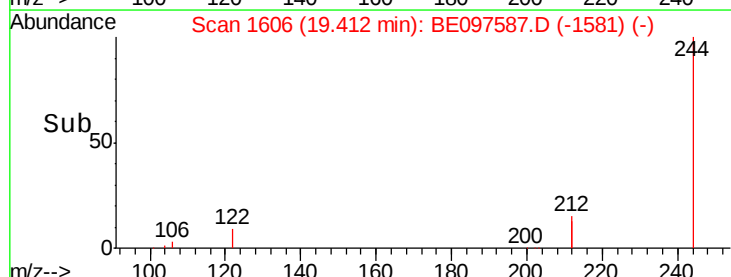
122 9.7 8.1 12.1

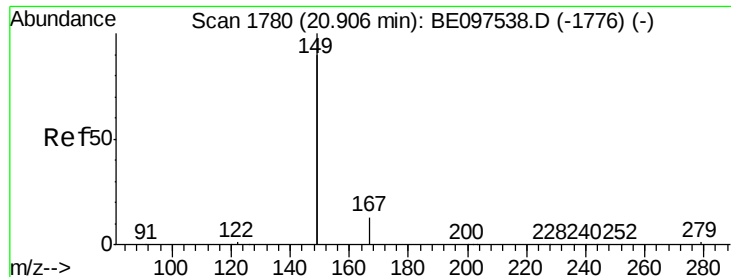


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

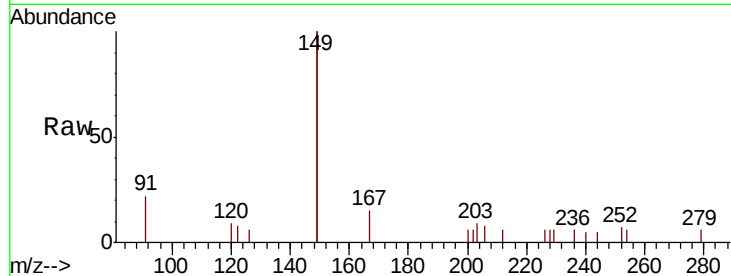




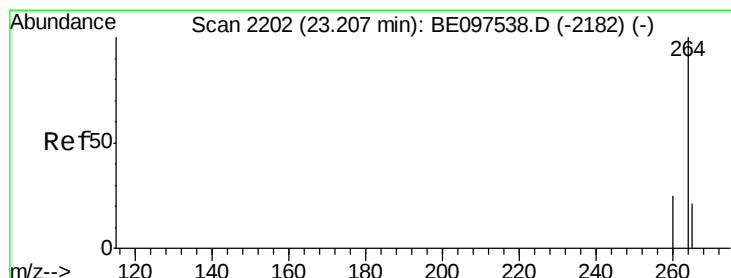
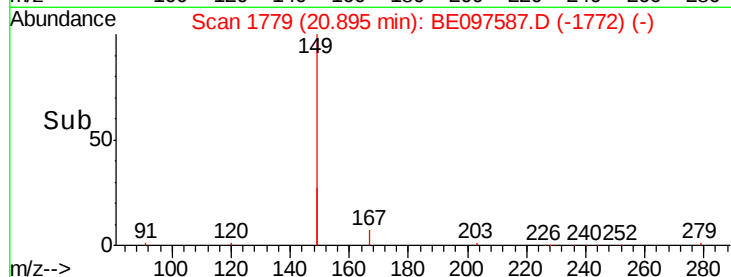
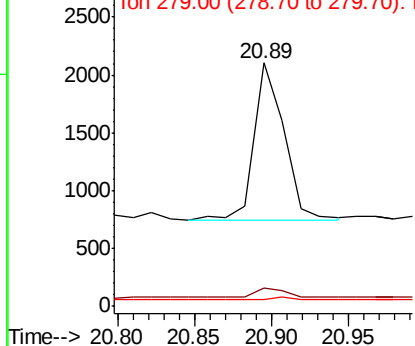
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BE097587.D
 Acq: 20 Sep 2018 23:20

Instrument :
 BNA_E
 ClientSampleId :
 FT-DUP03-20180912

Tgt Ion: 149 Resp: 1822
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.4 8.0
 279 2.9 0.7 1.1#

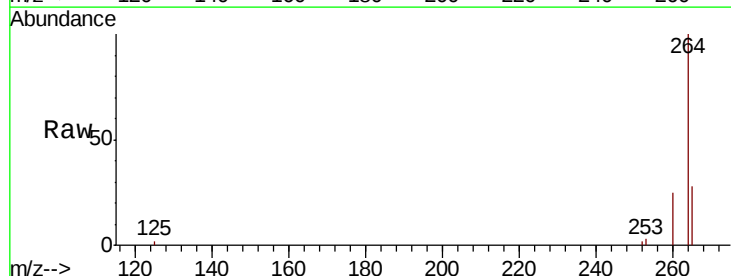


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

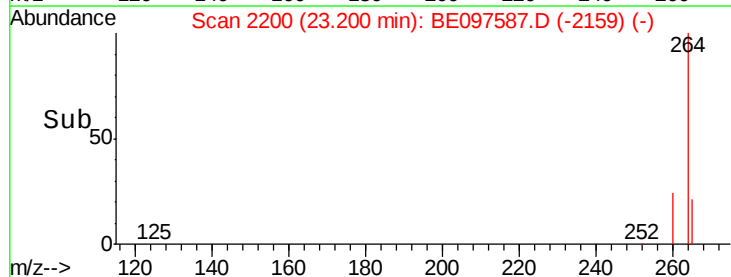
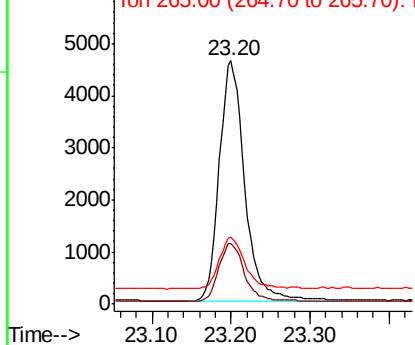


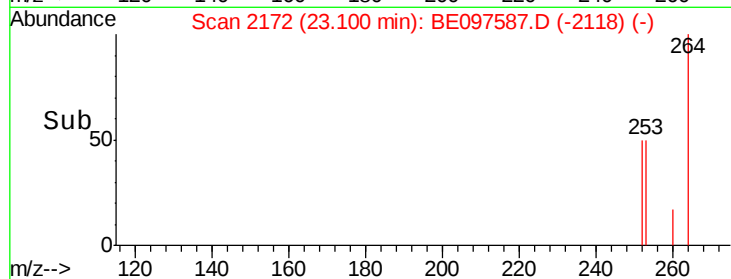
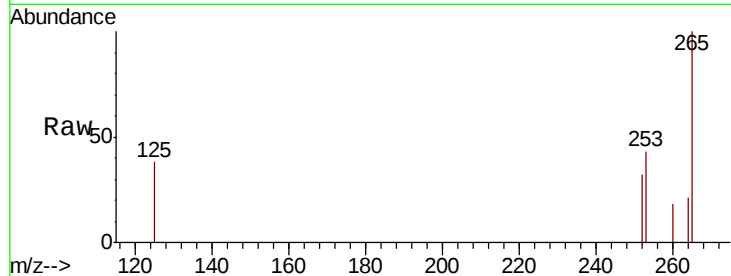
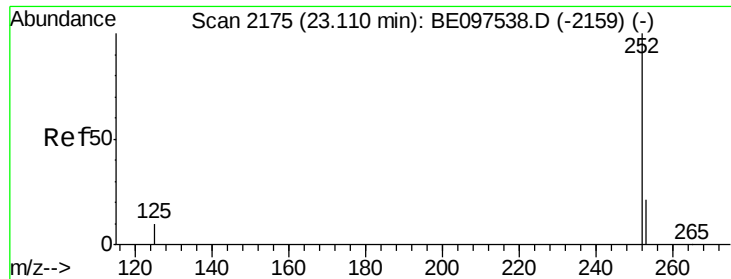
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BE097587.D
 Acq: 20 Sep 2018 23:20

Tgt Ion: 264 Resp: 10383
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.5 30.7
 265 27.7 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: 0.021 ng

RT: 23.10 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BE097587.D

Acq: 20 Sep 2018 23:20

Instrument :

BNA_E

ClientSampleId :

FT-DUP03-20180912

Tgt Ion:	252	Resp:	2
Ion	Ratio	Lower	Upper
252	100		
253	135.5	16.0	24.0#
125	121.5	12.0	18.0#

