

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092018\
 Data File : BE097574.D
 Acq On : 20 Sep 2018 13:06
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Sep 21 05:59:37 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	659	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3476	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2548	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7596	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8241	0.40	ng	0.00
34) Perylene-d12	23.21	264	7933	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	727	0.37	ng	0.00
5) Phenol-d6	6.61	99	910	0.36	ng	0.00
8) Nitrobenzene-d5	8.53	82	902	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2061	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	397	0.41	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3259	0.36	ng	0.01
25) Fluoranthene-d10	18.80	212	31281	0.32	ng	0.00
29) Terphenyl-d14	19.42	244	6189	0.41	ng	0.00

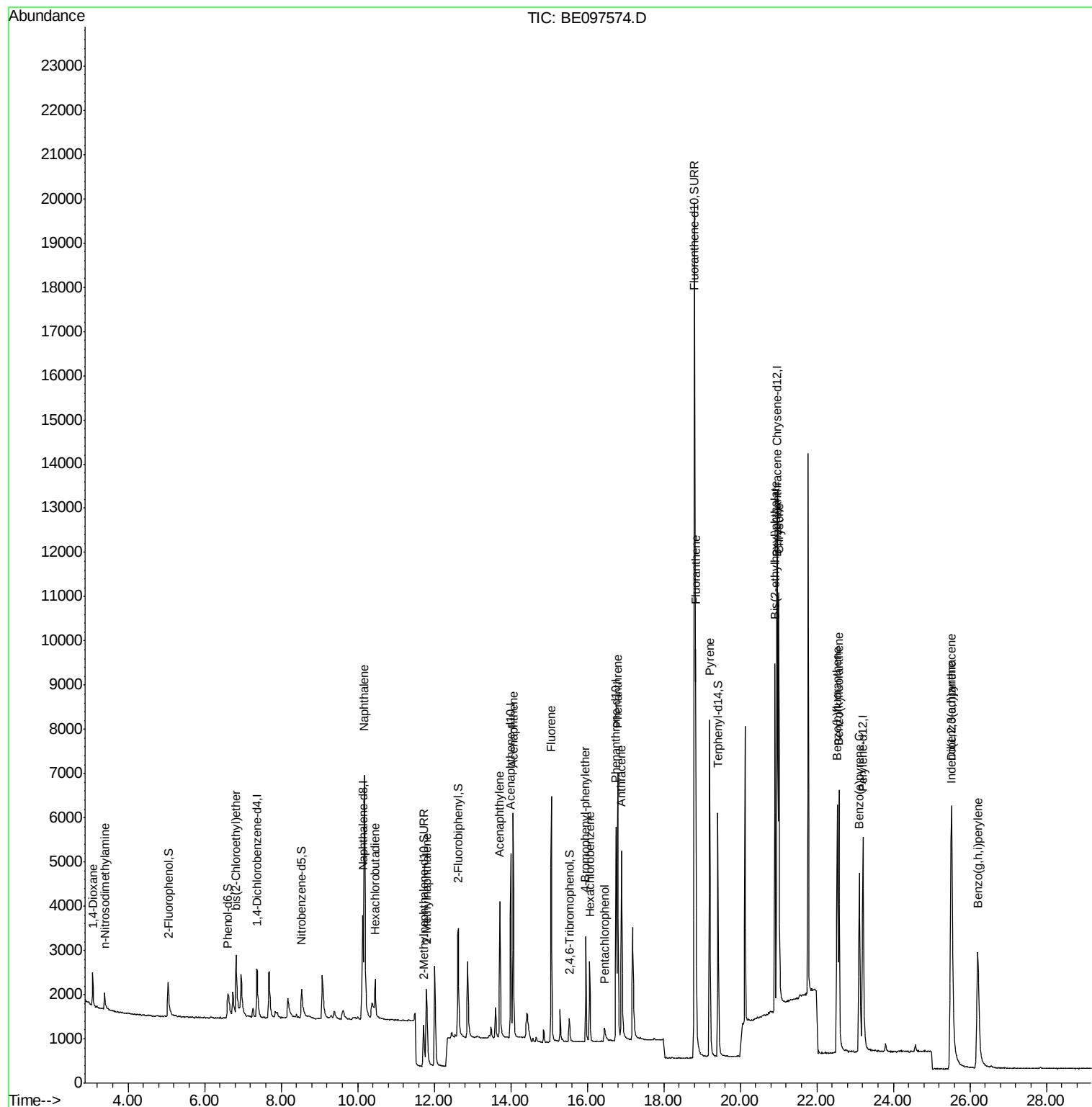
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.07	88	478	0.428	ng	# 85
3) n-Nitrosodimethylamine	3.38	42	341	0.358	ng	99
6) bis(2-Chloroethyl)ether	6.83	93	884	0.377	ng	72
9) Naphthalene	10.17	128	12564	0.401	ng	# 98
10) Hexachlorobutadiene	10.46	225	563	0.390	ng	96
12) 2-Methylnaphthalene	11.80	142	2068	0.423	ng	99
16) Acenaphthylene	13.71	152	3980	0.395	ng	100
17) Acenaphthene	14.06	154	2659	0.394	ng	96
18) Fluorene	15.06	166	3651	0.415	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1366	0.399	ng	86
21) Hexachlorobenzene	16.07	284	1547	0.411	ng	# 85
22) Pentachlorophenol	16.45	266	286	0.299	ng	82
23) Phenanthrene	16.80	178	6865	0.381	ng	98
24) Anthracene	16.89	178	5758	0.361	ng	95
26) Fluoranthene	18.83	202	8140	0.325	ng	98
28) Pyrene	19.20	202	8341	0.445	ng	100
30) Benzo(a)anthracene	20.95	228	7394	0.356	ng	97
31) Chrysene	21.00	228	9097	0.409	ng	100
32) Bis(2-ethylhexyl)phthalate	20.91	149	9578	0.285	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	9954	0.371	ng	# 91
35) Benzo(b)fluoranthene	22.53	252	7787	0.383	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	9062	0.390	ng	94
37) Benzo(a)pyrene	23.11	252	7583	0.386	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8275	0.388	ng	# 95
39) Benzo(g,h,i)perylene	26.21	276	8059	0.389	ng	# 89

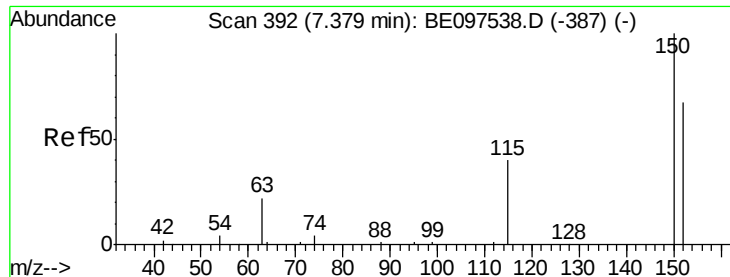
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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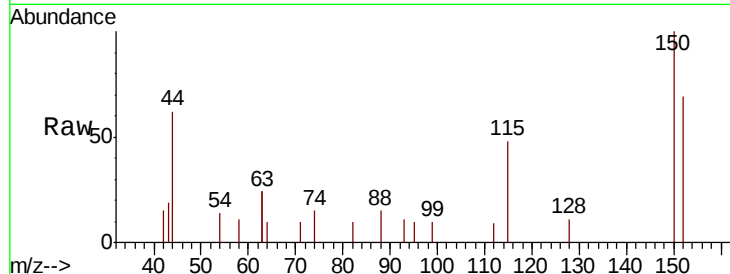


#1

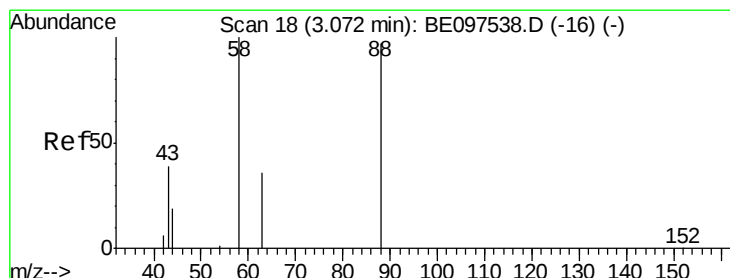
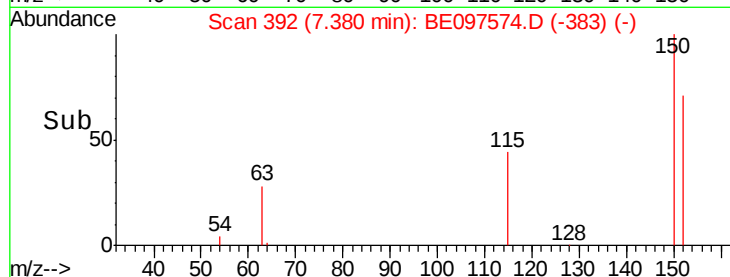
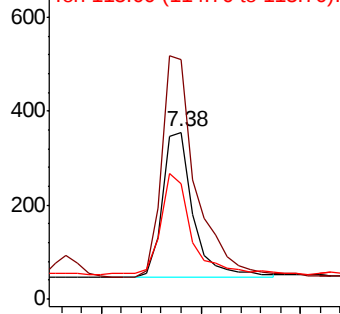
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097574.D
Acq: 20 Sep 2018 13:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 659
Ion Ratio Lower Upper
152 100
150 143.9 117.2 175.8
115 69.0 57.0 85.6



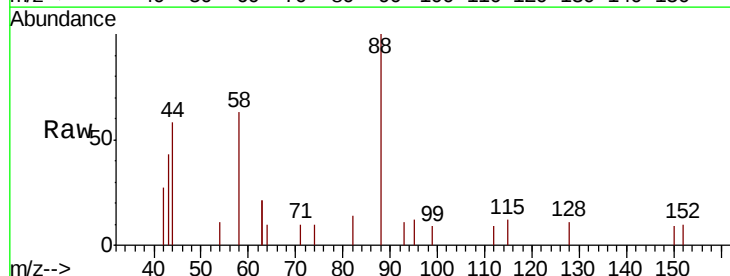
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



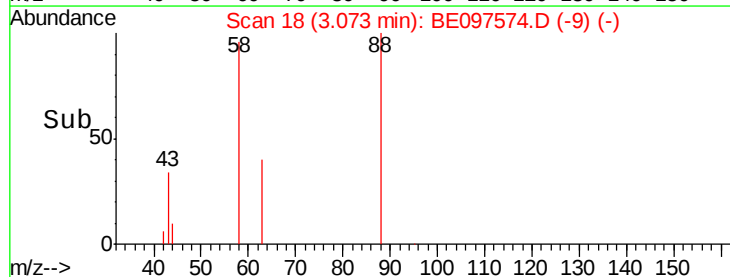
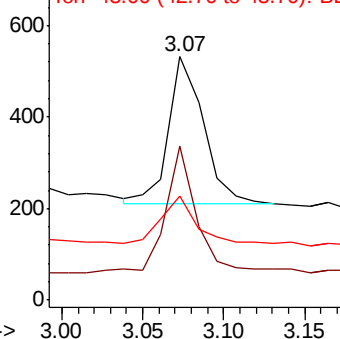
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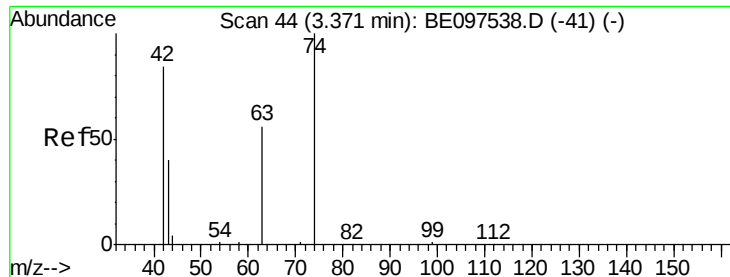
1,4-Dioxane
Concen: 0.428 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097574.D
Acq: 20 Sep 2018 13:06

Tgt Ion: 88 Resp: 478
Ion Ratio Lower Upper
88 100
58 74.5 63.2 94.8
43 29.7 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: 0.358 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

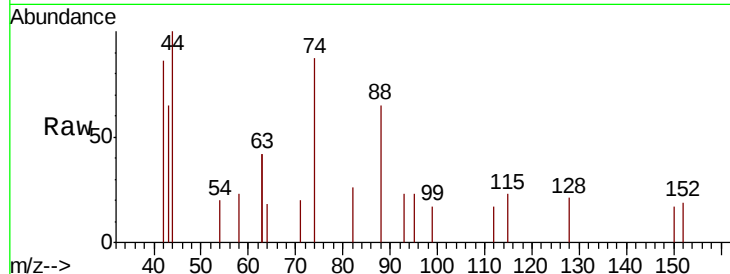
Tgt Ion: 42 Resp: 341

Ion Ratio Lower Upper

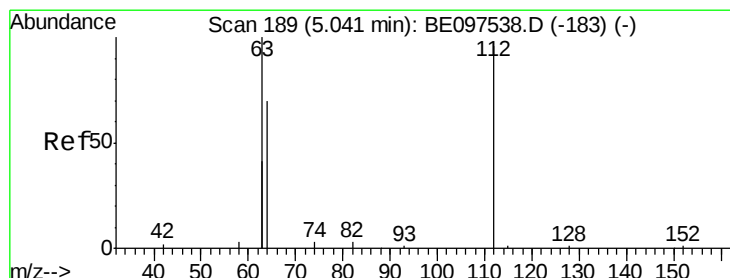
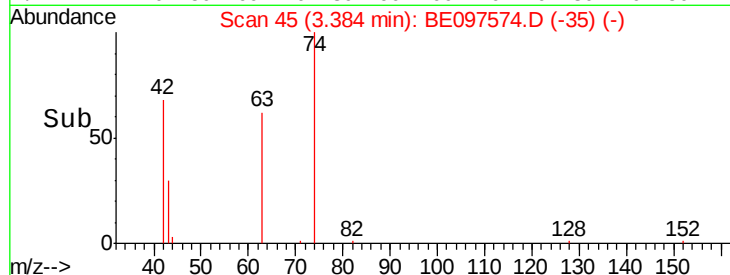
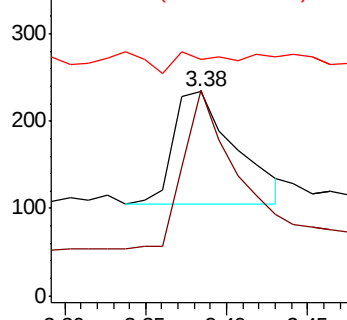
42 100

74 121.1 96.0 144.0

44 15.0 12.0 18.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.368 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

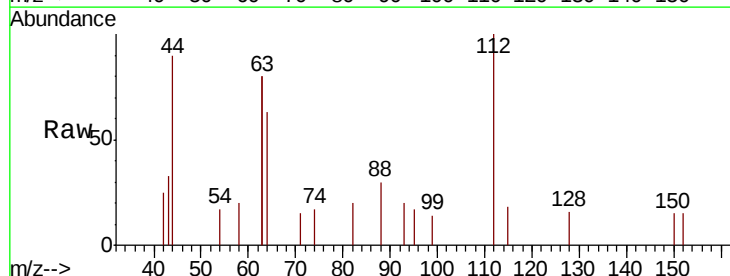
Tgt Ion: 112 Resp: 727

Ion Ratio Lower Upper

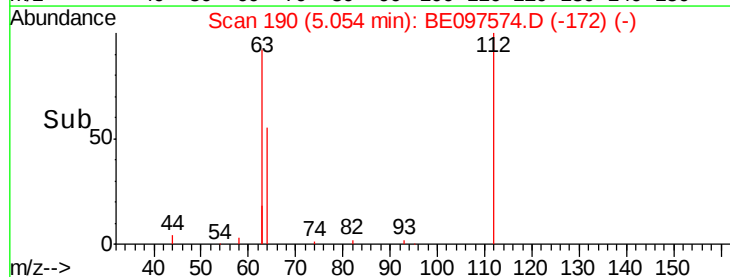
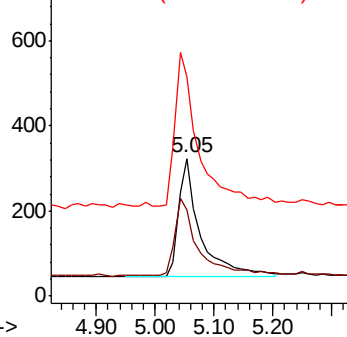
112 100

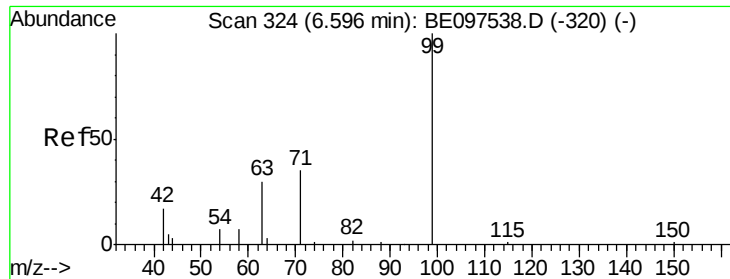
64 67.8 60.1 90.1

63 138.4 116.8 175.2



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: 0.360 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

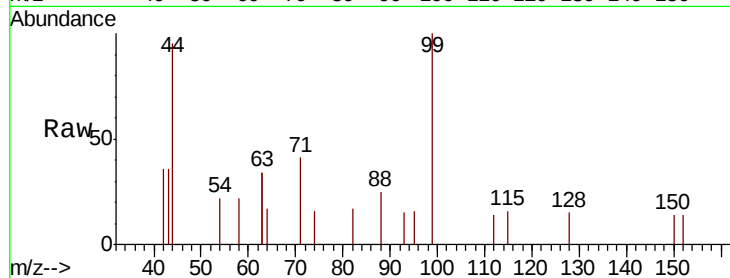
Tgt Ion: 99 Resp: 910

Ion Ratio Lower Upper

99 100

42 20.2 20.2 30.2

71 34.0 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

6.61

400

300

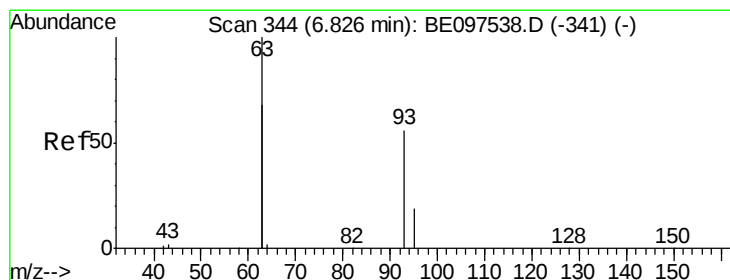
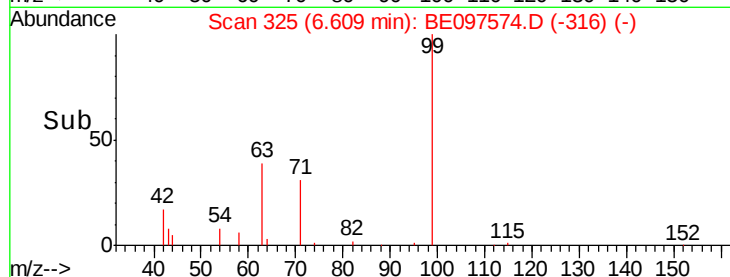
200

100

0

6.50 6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.377 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

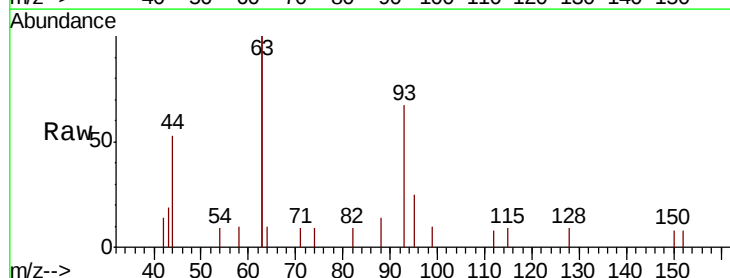
Tgt Ion: 93 Resp: 884

Ion Ratio Lower Upper

93 100

63 277.8 275.3 412.9

95 31.0 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

1500

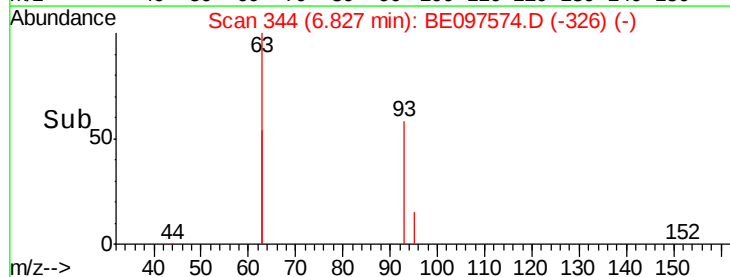
1000

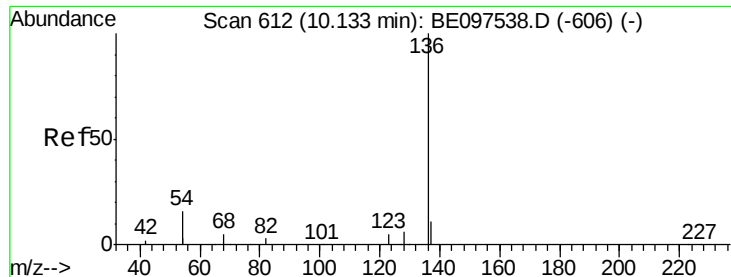
500

0

6.80 6.83 6.86 6.89 6.92 6.95 6.98 7.01 7.04 7.07 7.10 7.13 7.16 7.19 7.22 7.25 7.28 7.31 7.34 7.37 7.40 7.43 7.46 7.49 7.52 7.55 7.58 7.61 7.64 7.67 7.70 7.73 7.76 7.79 7.82 7.85 7.88 7.91 7.94 7.97 8.00 8.03 8.06 8.09 8.12 8.15 8.18 8.21 8.24 8.27 8.30 8.33 8.36 8.39 8.42 8.45 8.48 8.51 8.54 8.57 8.60 8.63 8.66 8.69 8.72 8.75 8.78 8.81 8.84 8.87 8.90 8.93 8.96 8.99 9.02 9.05 9.08 9.11 9.14 9.17 9.20 9.23 9.26 9.29 9.32 9.35 9.38 9.41 9.44 9.47 9.50 9.53 9.56 9.59 9.62 9.65 9.68 9.71 9.74 9.77 9.80 9.83 9.86 9.89 9.92 9.95 9.98 10.01 10.04 10.07 10.10 10.13 10.16 10.19 10.22 10.25 10.28 10.31 10.34 10.37 10.40 10.43 10.46 10.49 10.52 10.55 10.58 10.61 10.64 10.67 10.70 10.73 10.76 10.79 10.82 10.85 10.88 10.91 10.94 10.97 11.00 11.03 11.06 11.09 11.12 11.15 11.18 11.21 11.24 11.27 11.30 11.33 11.36 11.39 11.42 11.45 11.48 11.51 11.54 11.57 11.60 11.63 11.66 11.69 11.72 11.75 11.78 11.81 11.84 11.87 11.90 11.93 11.96 11.99 12.02 12.05 12.08 12.11 12.14 12.17 12.20 12.23 12.26 12.29 12.32 12.35 12.38 12.41 12.44 12.47 12.50 12.53 12.56 12.59 12.62 12.65 12.68 12.71 12.74 12.77 12.80 12.83 12.86 12.89 12.92 12.95 12.98 13.01 13.04 13.07 13.10 13.13 13.16 13.19 13.22 13.25 13.28 13.31 13.34 13.37 13.40 13.43 13.46 13.49 13.52 13.55 13.58 13.61 13.64 13.67 13.70 13.73 13.76 13.79 13.82 13.85 13.88 13.91 13.94 13.97 14.00 14.03 14.06 14.09 14.12 14.15 14.18 14.21 14.24 14.27 14.30 14.33 14.36 14.39 14.42 14.45 14.48 14.51 14.54 14.57 14.60 14.63 14.66 14.69 14.72 14.75 14.78 14.81 14.84 14.87 14.90 14.93 14.96 14.99 15.02 15.05 15.08 15.11 15.14 15.17 15.20 15.23 15.26 15.29 15.32 15.35 15.38 15.41 15.44 15.47 15.50 15.53 15.56 15.59 15.62 15.65 15.68 15.71 15.74 15.77 15.80 15.83 15.86 15.89 15.92 15.95 15.98 16.01 16.04 16.07 16.10 16.13 16.16 16.19 16.22 16.25 16.28 16.31 16.34 16.37 16.40 16.43 16.46 16.49 16.52 16.55 16.58 16.61 16.64 16.67 16.70 16.73 16.76 16.79 16.82 16.85 16.88 16.91 16.94 16.97 17.00 17.03 17.06 17.09 17.12 17.15 17.18 17.21 17.24 17.27 17.30 17.33 17.36 17.39 17.42 17.45 17.48 17.51 17.54 17.57 17.60 17.63 17.66 17.69 17.72 17.75 17.78 17.81 17.84 17.87 17.90 17.93 17.96 17.99 18.02 18.05 18.08 18.11 18.14 18.17 18.20 18.23 18.26 18.29 18.32 18.35 18.38 18.41 18.44 18.47 18.50 18.53 18.56 18.59 18.62 18.65 18.68 18.71 18.74 18.77 18.80 18.83 18.86 18.89 18.92 18.95 18.98 19.01 19.04 19.07 19.10 19.13 19.16 19.19 19.22 19.25 19.28 19.31 19.34 19.37 19.40 19.43 19.46 19.49 19.52 19.55 19.58 19.61 19.64 19.67 19.70 19.73 19.76 19.79 19.82 19.85 19.88 19.91 19.94 19.97 20.00 20.03 20.06 20.09 20.12 20.15 20.18 20.21 20.24 20.27 20.30 20.33 20.36 20.39 20.42 20.45 20.48 20.51 20.54 20.57 20.60 20.63 20.66 20.69 20.72 20.75 20.78 20.81 20.84 20.87 20.90 20.93 20.96 20.99 21.02 21.05 21.08 21.11 21.14 21.17 21.20 21.23 21.26 21.29 21.32 21.35 21.38 21.41 21.44 21.47 21.50 21.53 21.56 21.59 21.62 21.65 21.68 21.71 21.74 21.77 21.80 21.83 21.86 21.89 21.92 21.95 21.98 22.01 22.04 22.07 22.10 22.13 22.16 22.19 22.22 22.25 22.28 22.31 22.34 22.37 22.40 22.43 22.46 22.49 22.52 22.55 22.58 22.61 22.64 22.67 22.70 22.73 22.76 22.79 22.82 22.85 22.88 22.91 22.94 22.97 23.00 23.03 23.06 23.09 23.12 23.15 23.18 23.21 23.24 23.27 23.30 23.33 23.36 23.39 23.42 23.45 23.48 23.51 23.54 23.57 23.60 23.63 23.66 23.69 23.72 23.75 23.78 23.81 23.84 23.87 23.90 23.93 23.96 23.99 24.02 24.05 24.08 24.11 24.14 24.17 24.20 24.23 24.26 24.29 24.32 24.35 24.38 24.41 24.44 24.47 24.50 24.53 24.56 24.59 24.62 24.65 24.68 24.71 24.74 24.77 24.80 24.83 24.86 24.89 24.92 24.95 24.98 25.01 25.04 25.07 25.10 25.13 25.16 25.19 25.22 25.25 25.28 25.31 25.34 25.37 25.40 25.43 25.46 25.49 25.52 25.55 25.58 25.61 25.64 25.67 25.70 25.73 25.76 25.79 25.82 25.85 25.88 25.91 25.94 25.97 26.00 26.03 26.06 26.09 26.12 26.15 26.18 26.21 26.24 26.27 26.30 26.33 26.36 26.39 26.42 26.45 26.48 26.51 26.54 26.57 26.60 26.63 26.66 26.69 26.72 26.75 26.78 26.81 26.84 26.87 26.90 26.93 26.96 26.99 27.02 27.05 27.08 27.11 27.14 27.17 27.20 27.23 27.26 27.29 27.32 27.35 27.38 27.41 27.44 27.47 27.50 27.53 27.56 27.59 27.62 27.65 27.68 27.71 27.74 27.77 27.80 27.83 27.86 27.89 27.92 27.95 27.98 28.01 28.04 28.07 28.10 28.13 28.16 28.19 28.22 28.25 28.28 28.31 28.34 28.37 28.40 28.43 28.46 28.49 28.52 28.55 28.58 28.61 28.64 28.67 28.70 28.73 28.76 28.79 28.82 28.85 28.88 28.91 28.94 28.97 29.00 29.03 29.06 29.09 29.12 29.15 29.18 29.21 29.24 29.27 29.30 29.33 29.36 29.39 29.42 29.45 29.48 29.51 29.54 29.57 29.60 29.63 29.66 29.69 29.72 29.75 29.78 29.81 29.84 29.87 29.90 29.93 29.96 30.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 3476

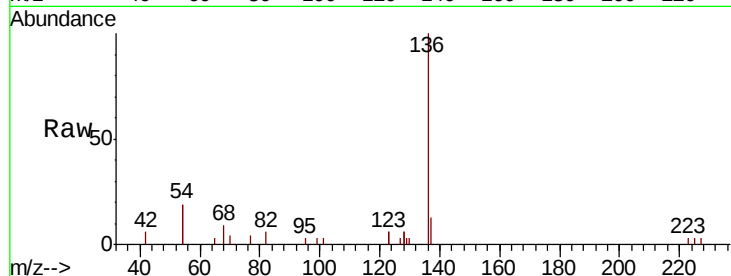
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 38.0 29.1 43.7

68 8.6 6.2 9.2

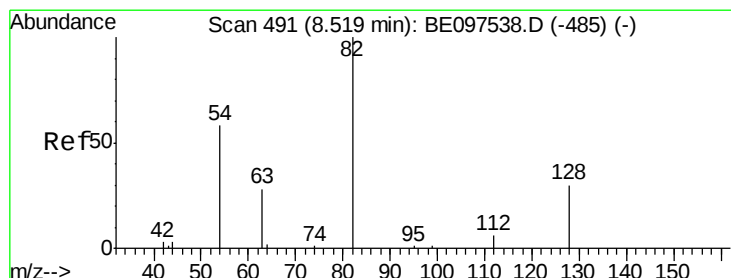
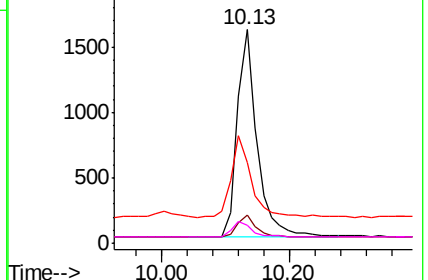
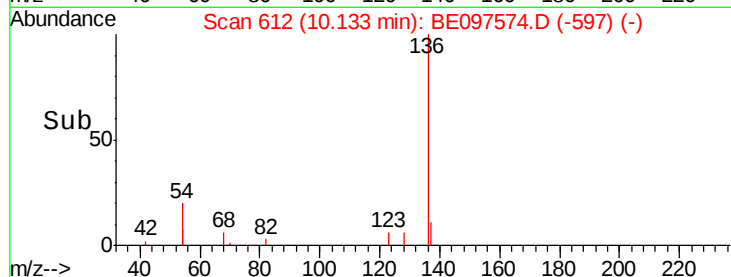


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

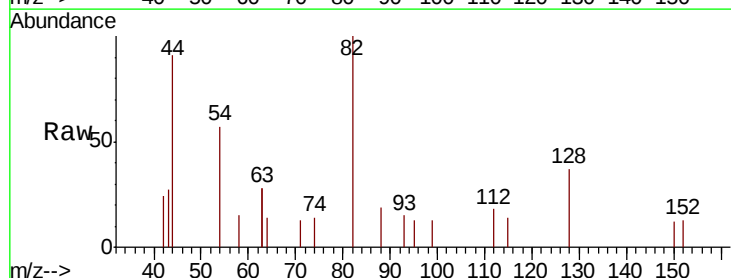
Tgt Ion: 82 Resp: 902

Ion Ratio Lower Upper

82 100

128 36.5 24.0 36.0#

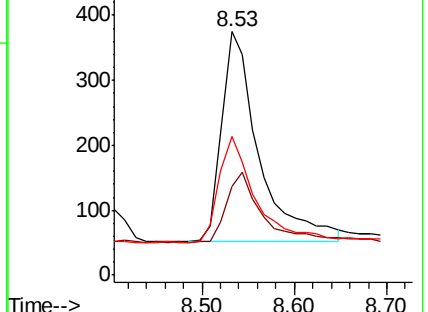
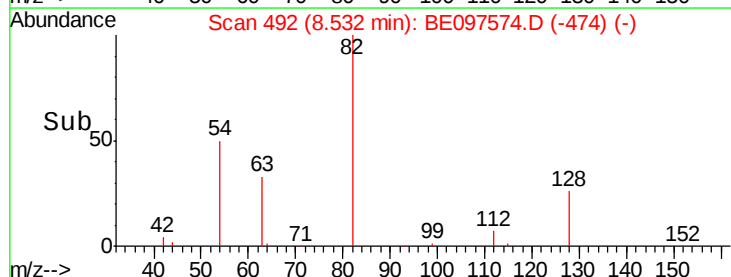
54 56.8 40.0 60.0

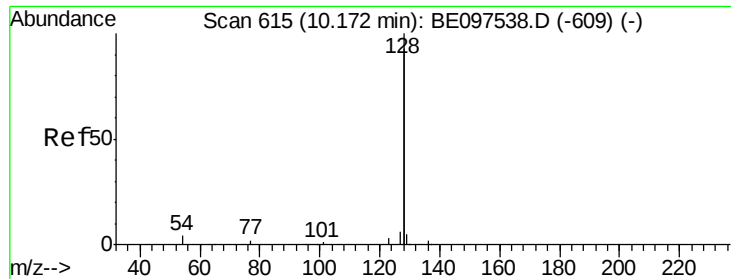


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

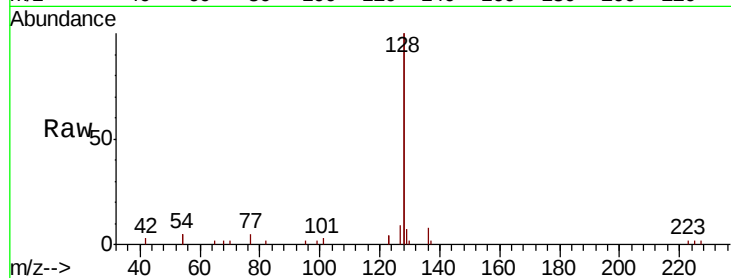
Tgt Ion:128 Resp: 12564

Ion Ratio Lower Upper

128 100

129 3.4 2.6 3.8

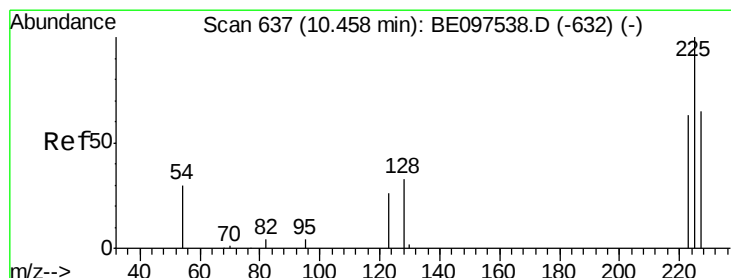
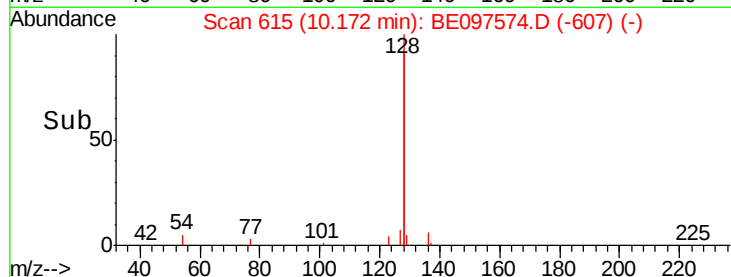
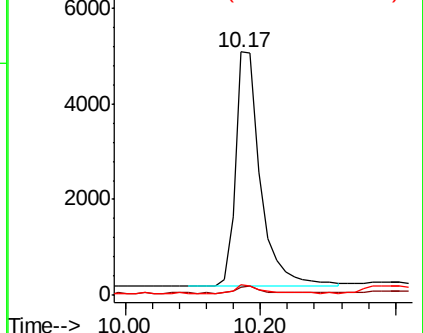
127 4.3 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.390 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

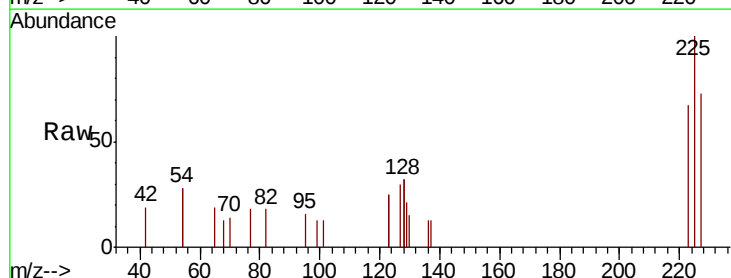
Tgt Ion:225 Resp: 563

Ion Ratio Lower Upper

225 100

223 61.5 53.0 79.6

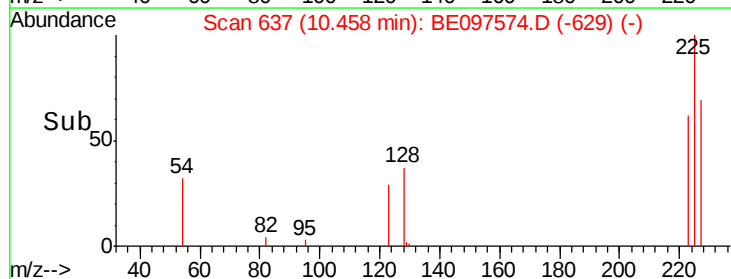
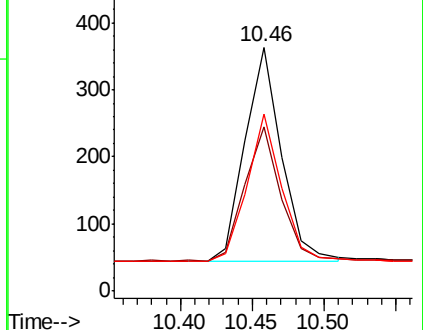
227 65.7 51.4 77.2

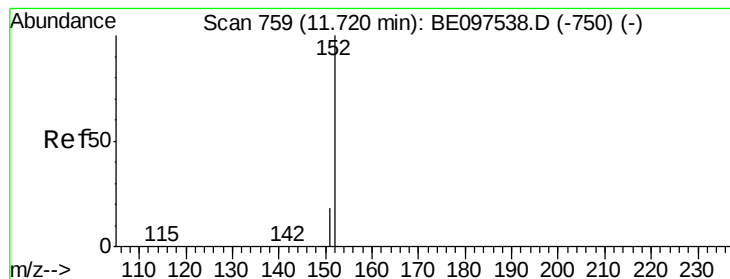


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.430 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

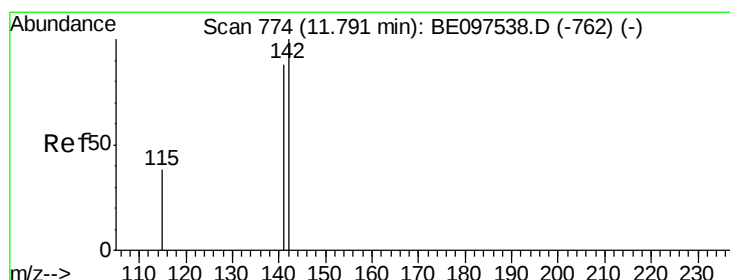
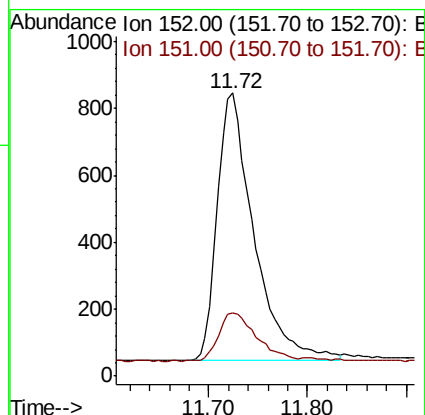
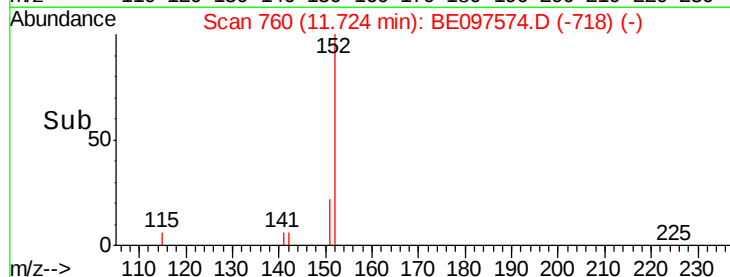
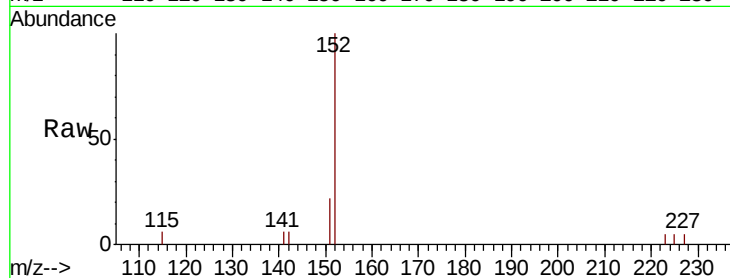
SSTDCCC0.4

Tgt Ion:152 Resp: 2061

Ion Ratio Lower Upper

152 100

151 18.7 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.423 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

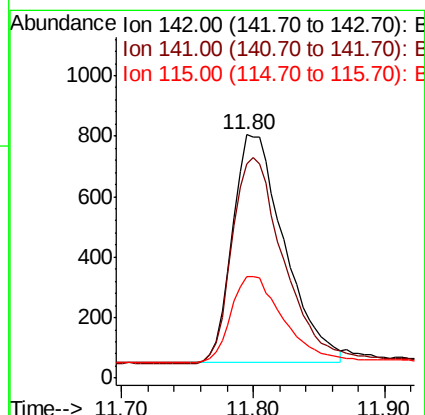
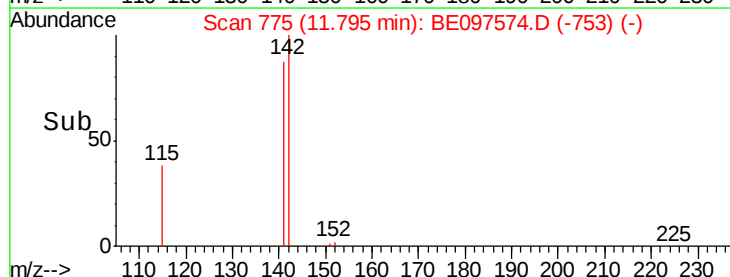
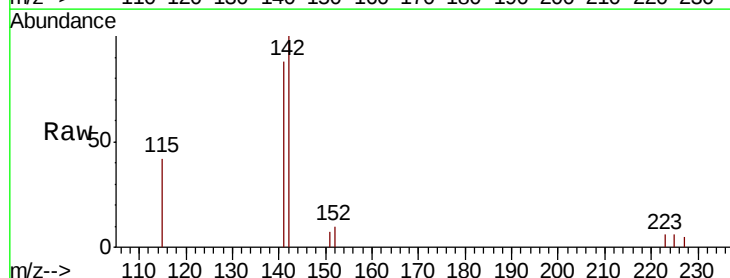
Tgt Ion:142 Resp: 2068

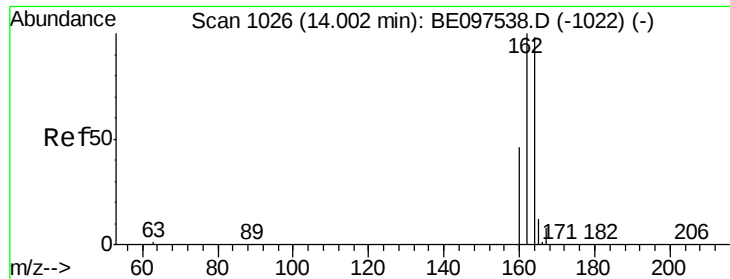
Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 41.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

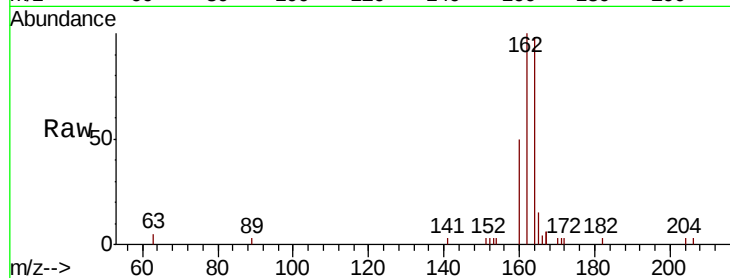
Tgt Ion:164 Resp: 2548

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

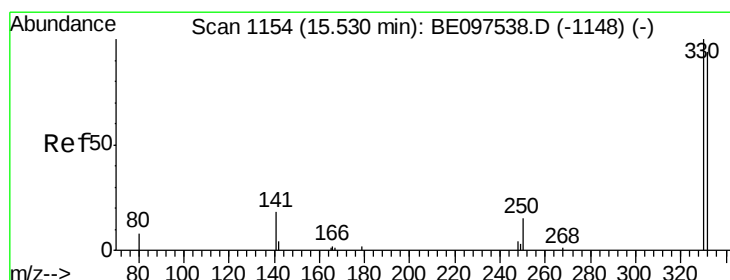
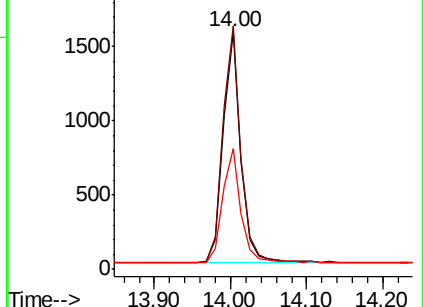
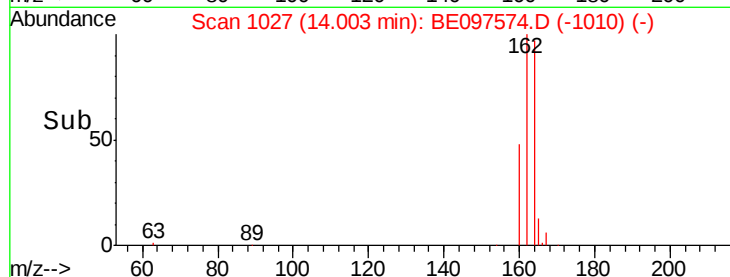
160 50.9 37.1 55.7



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: 0.413 ng

RT: 15.53 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

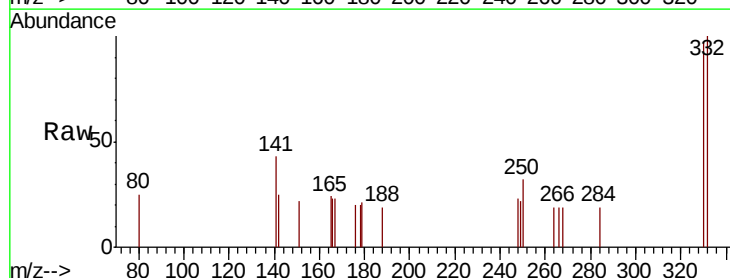
Tgt Ion:330 Resp: 397

Ion Ratio Lower Upper

330 100

332 99.2 152.7 229.1#

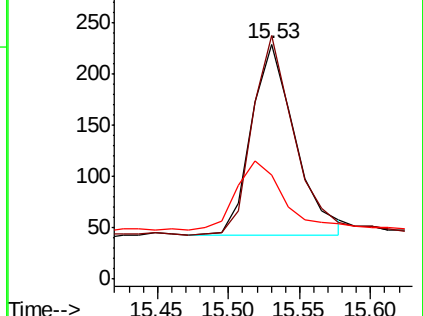
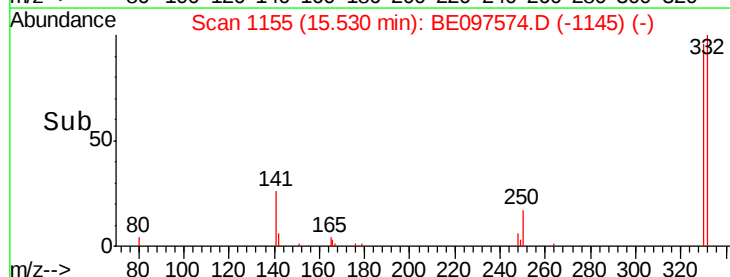
141 38.8 33.7 50.5

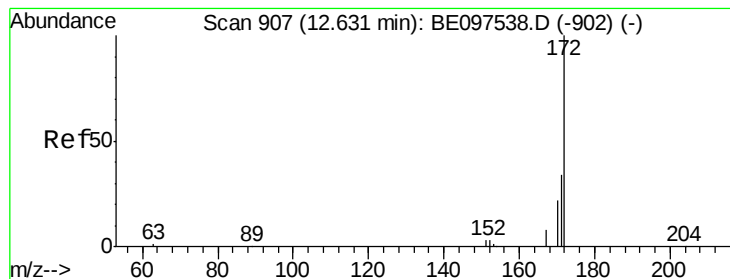


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

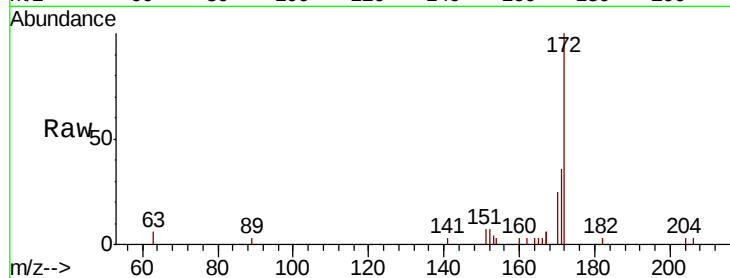
Tgt Ion:172 Resp: 3259

Ion Ratio Lower Upper

172 100

171 35.9 29.9 44.9

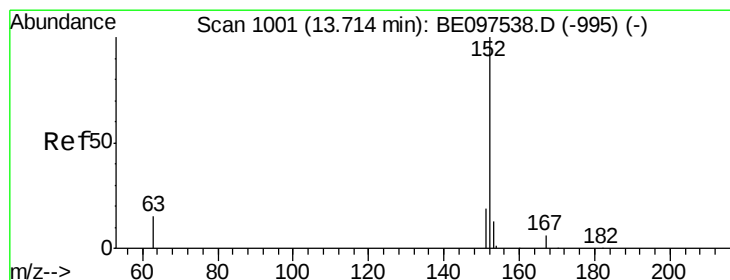
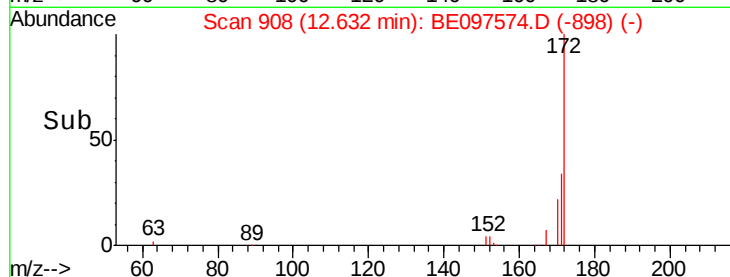
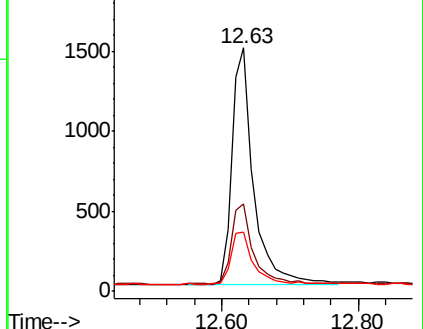
170 24.5 21.8 32.8



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



#16

Acenaphthylene

Concen: 0.395 ng

RT: 13.71 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

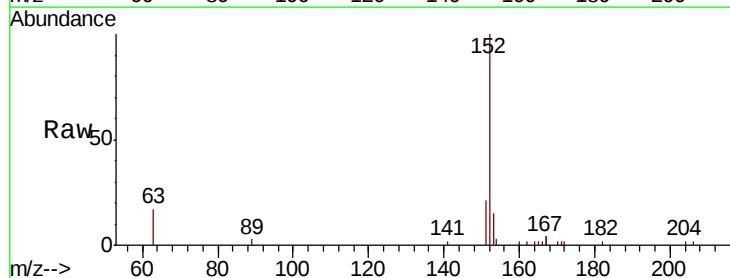
Tgt Ion:152 Resp: 3980

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

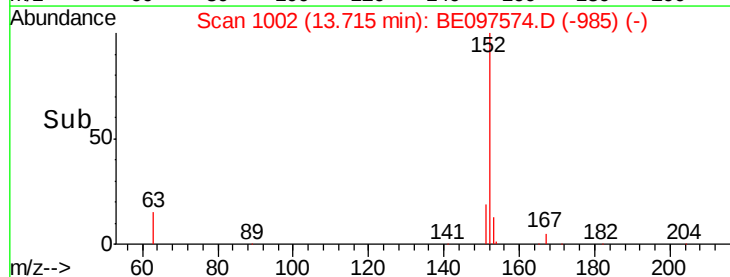
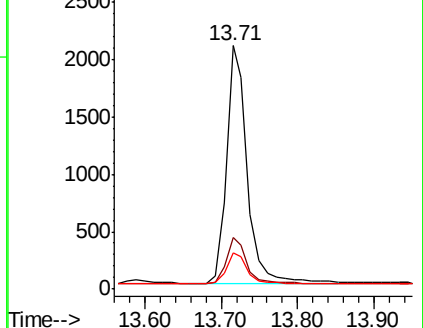
153 12.8 10.5 15.7

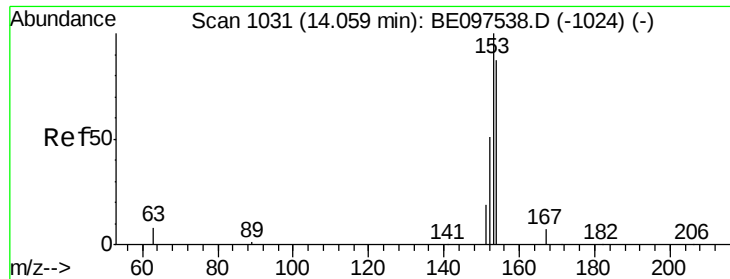


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.06 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

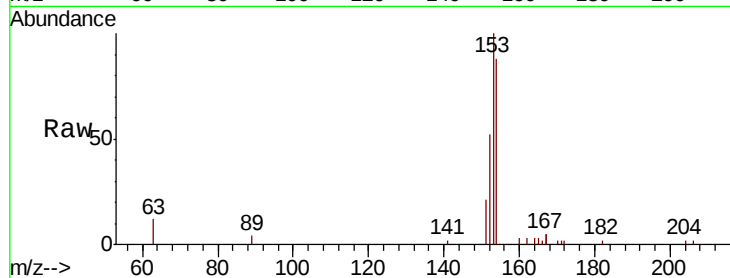
Tgt Ion:154 Resp: 2659

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

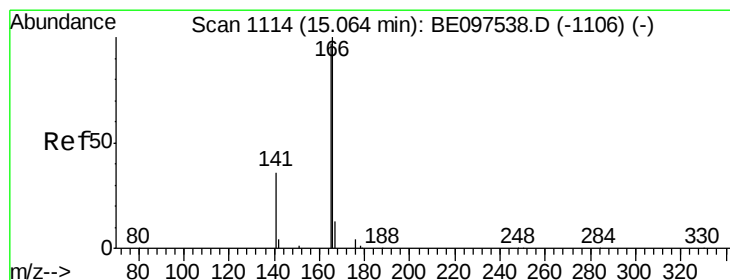
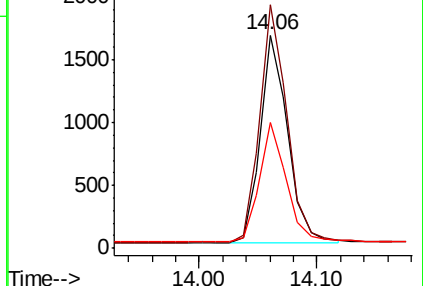
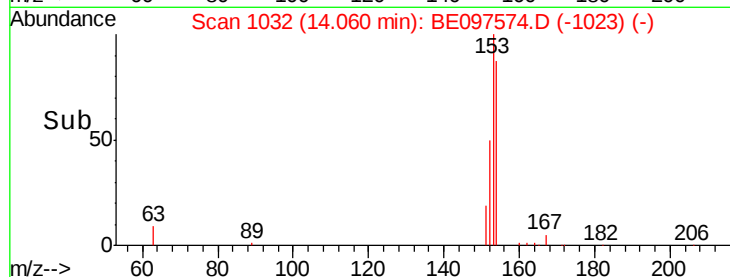
152 56.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.415 ng

RT: 15.06 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

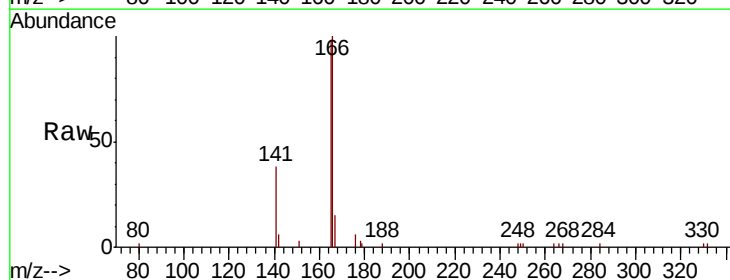
Tgt Ion:166 Resp: 3651

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.6

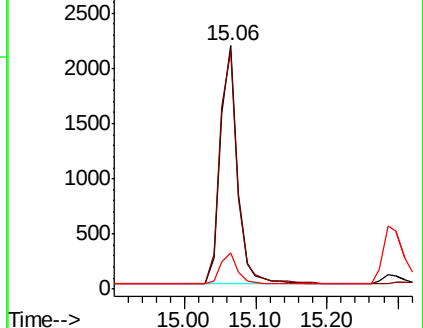
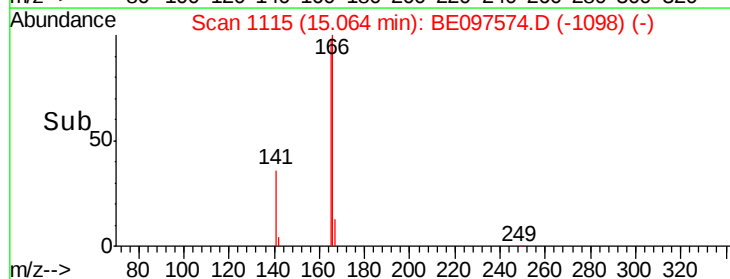
167 13.3 42.4 63.6#

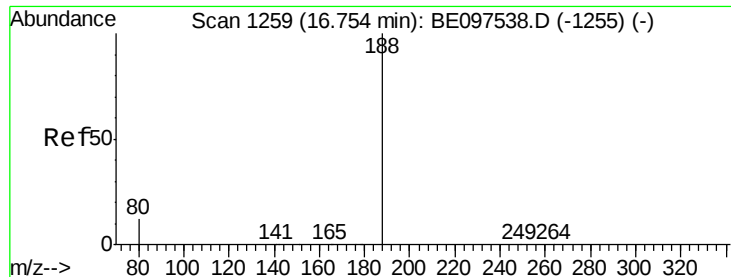


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

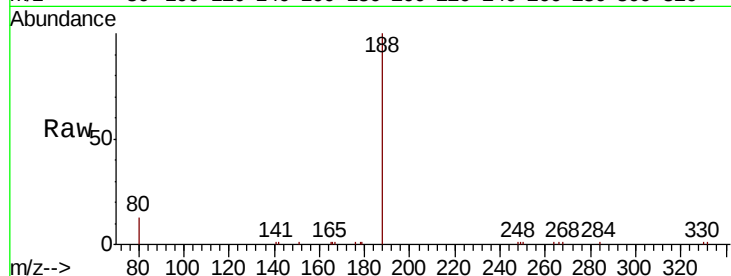
Tgt Ion:188 Resp: 7596

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

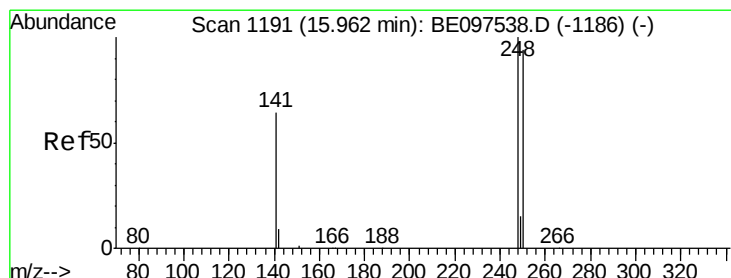
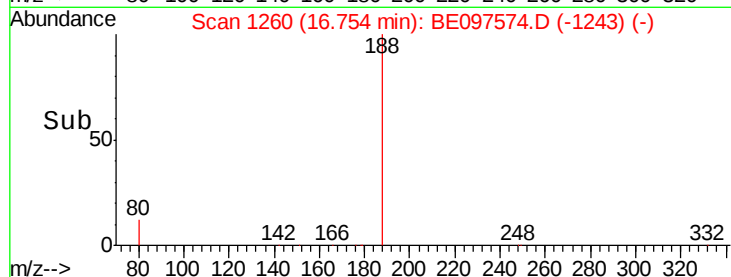
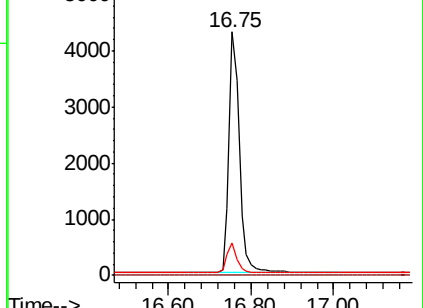
80 13.1 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.399 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

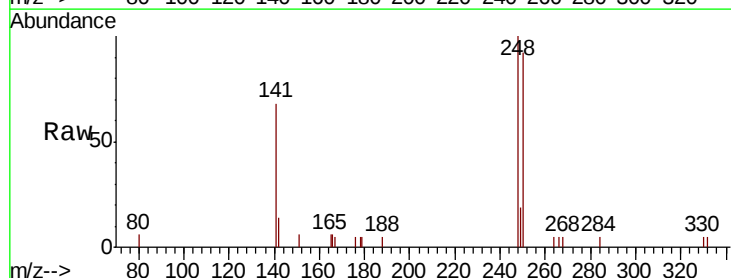
Tgt Ion:248 Resp: 1366

Ion Ratio Lower Upper

248 100

250 92.3 62.7 94.1

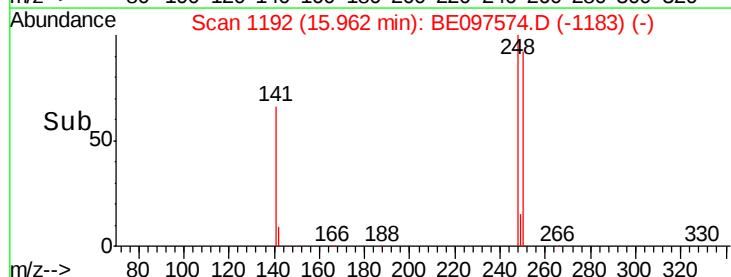
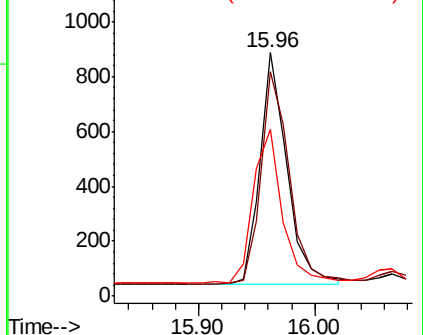
141 68.2 48.2 72.2

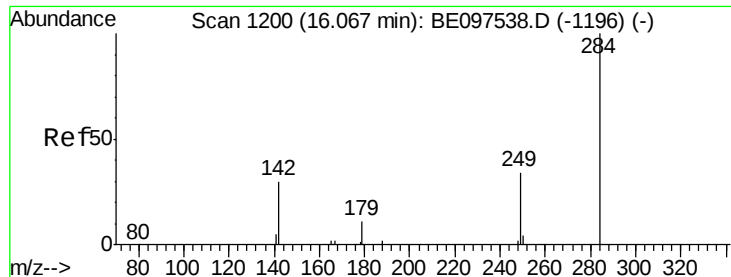


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.07 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

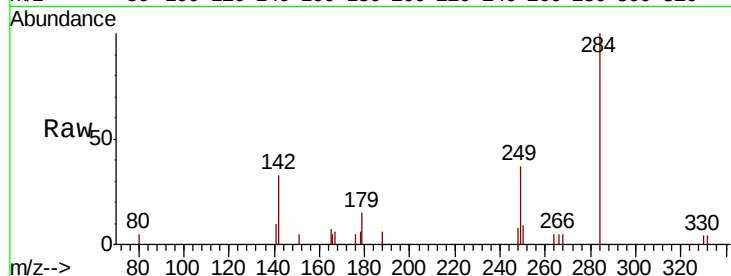
Tgt Ion:284 Resp: 1547

Ion Ratio Lower Upper

284 100

142 30.9 22.1 33.1

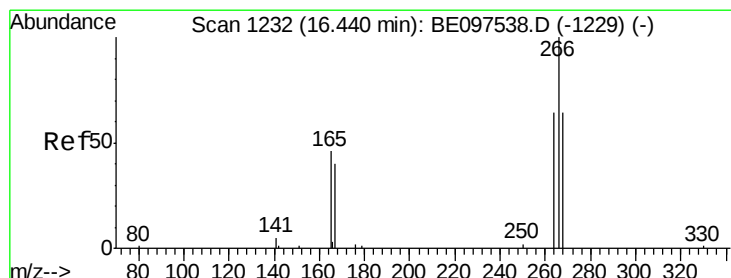
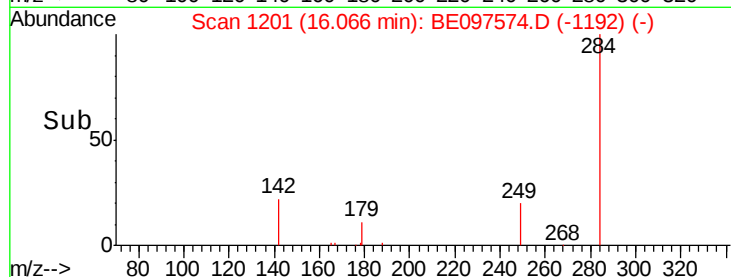
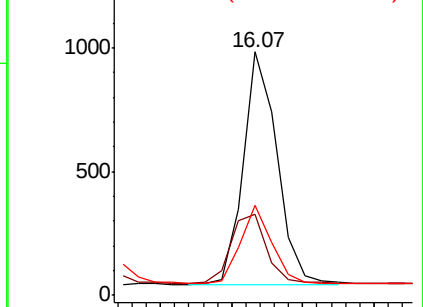
249 30.7 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.299 ng

RT: 16.45 min Scan# 1234

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

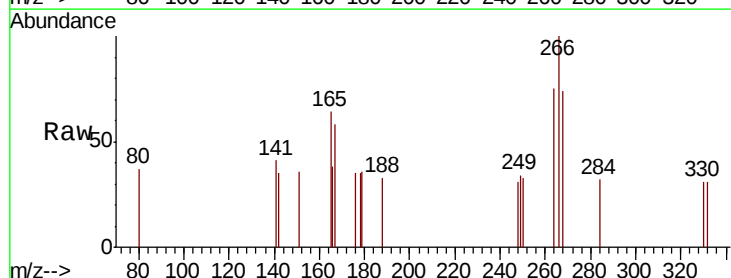
Tgt Ion:266 Resp: 286

Ion Ratio Lower Upper

266 100

264 75.0 72.5 108.7

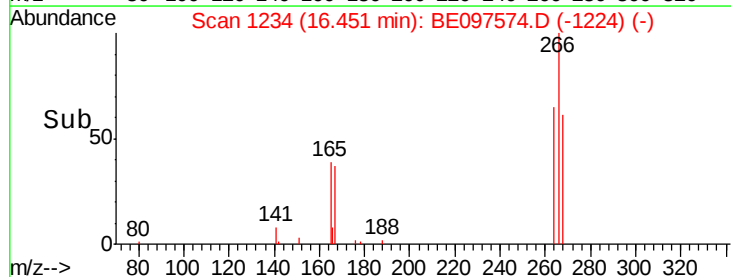
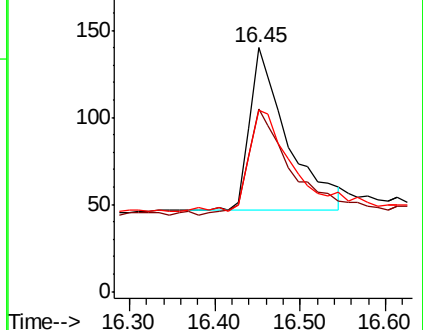
268 74.3 73.8 110.6

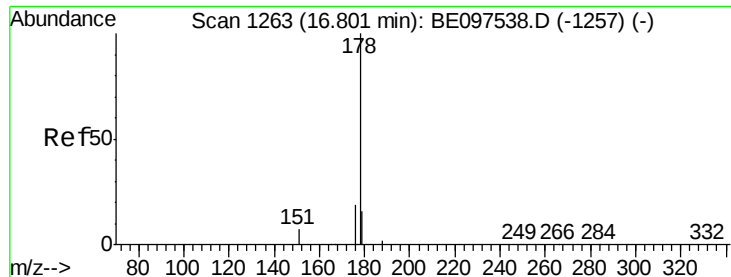


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.381 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

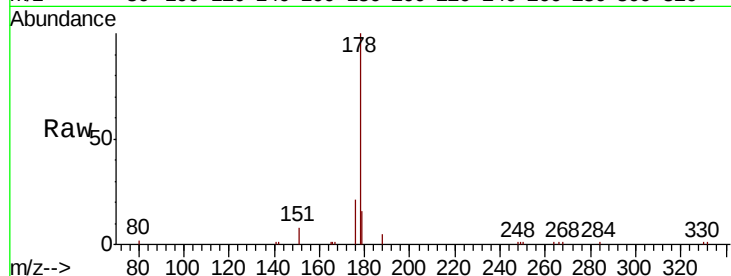
Tgt Ion:178 Resp: 6865

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

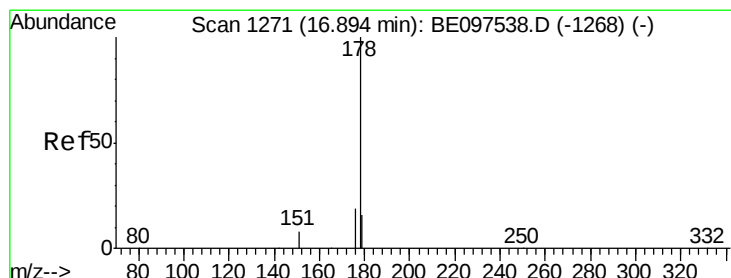
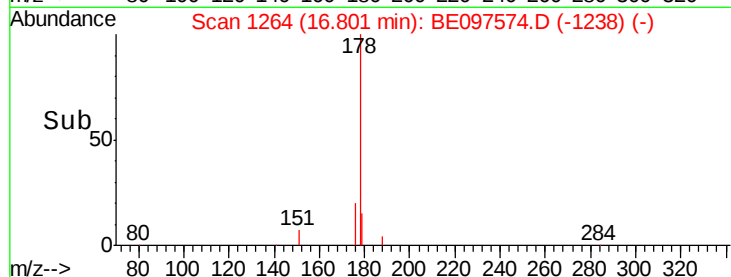
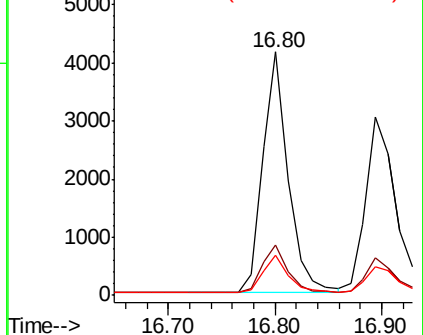
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.361 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

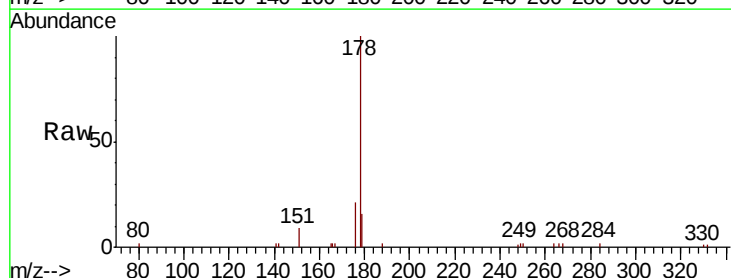
Tgt Ion:178 Resp: 5758

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

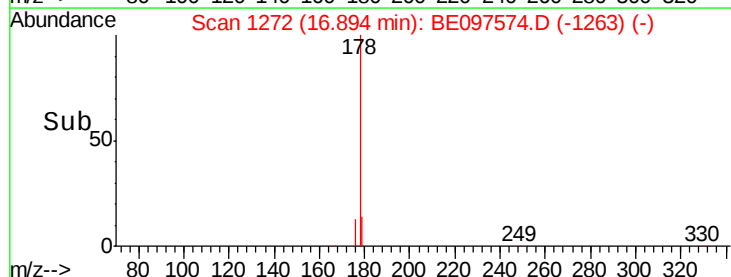
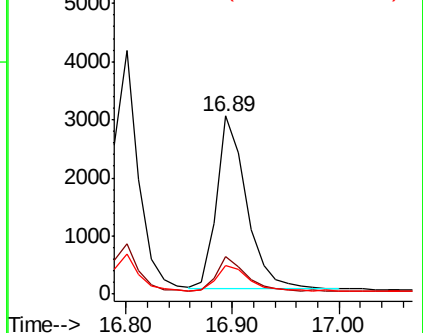
179 15.5 13.0 19.6

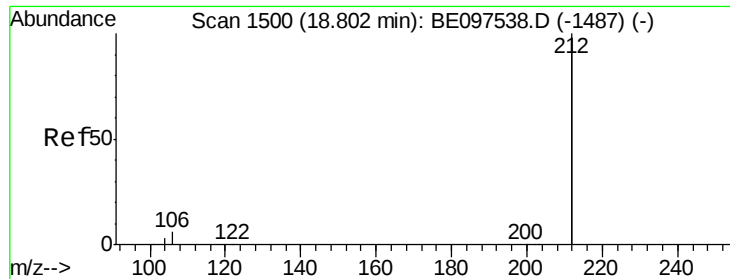


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

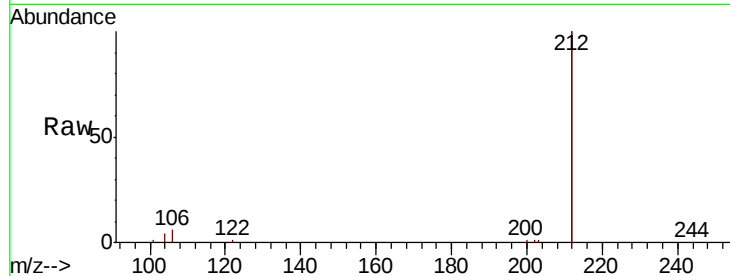
Tgt Ion:212 Resp: 31281

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

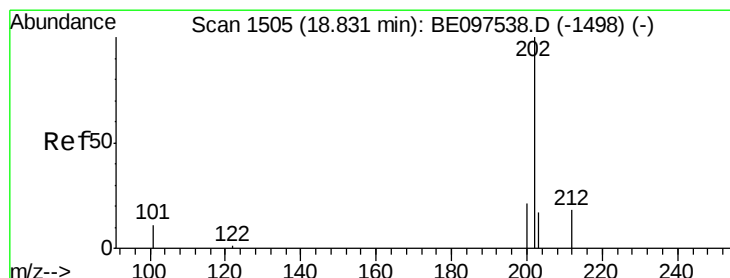
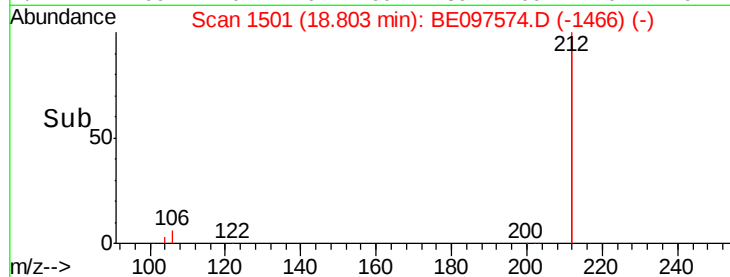
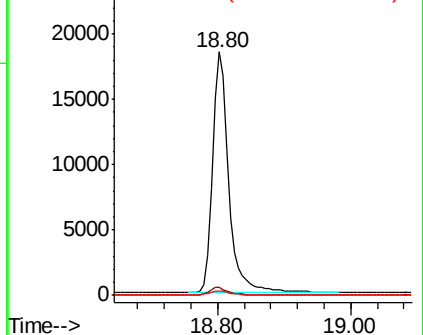
104 1.7 1.6 2.4



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



#26

Fluoranthene

Concen: 0.325 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

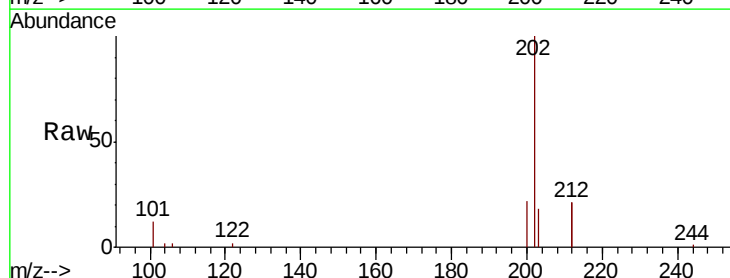
Tgt Ion:202 Resp: 8140

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

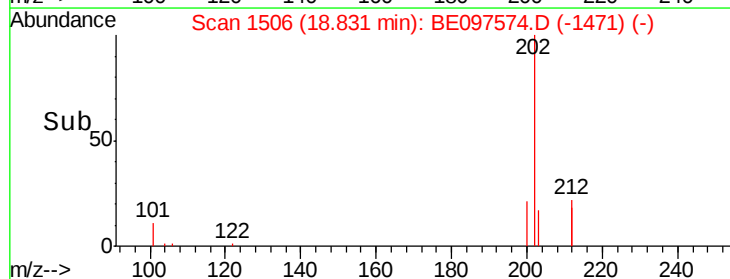
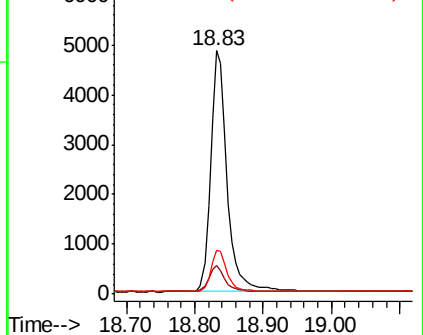
203 17.2 13.7 20.5

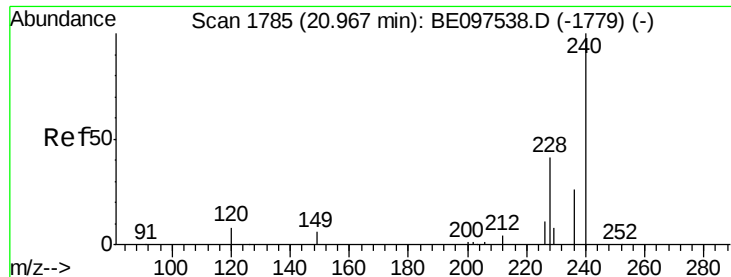


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

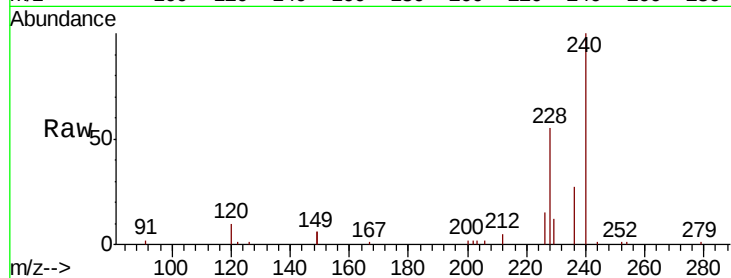
Tgt Ion:240 Resp: 8241

Ion Ratio Lower Upper

240 100

120 9.7 5.5 8.3#

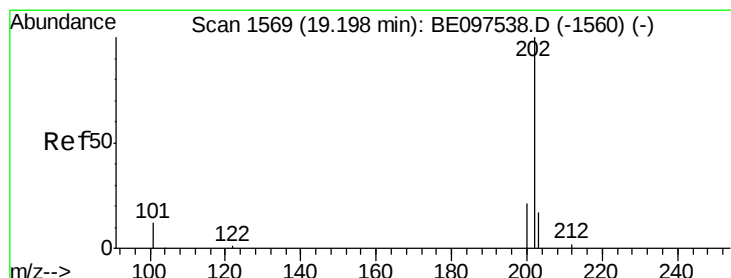
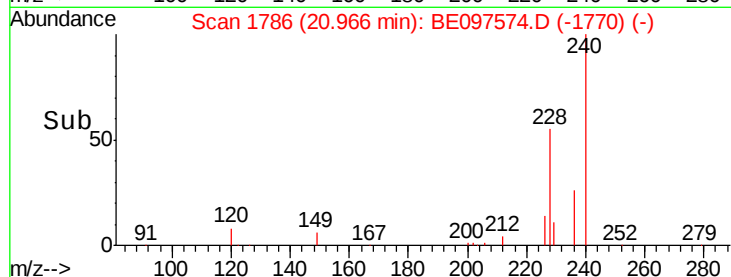
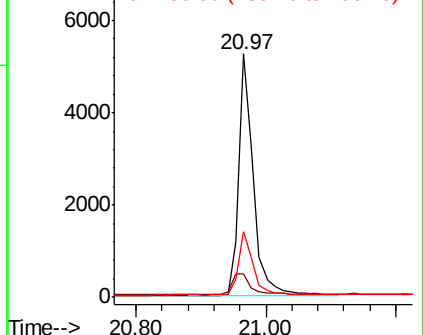
236 27.2 20.7 31.1



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



#28

Pyrene

Concen: 0.445 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

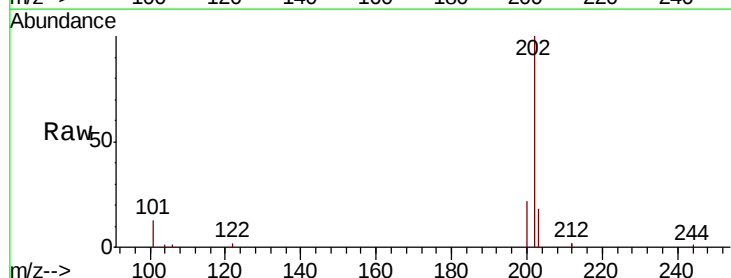
Tgt Ion:202 Resp: 8341

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

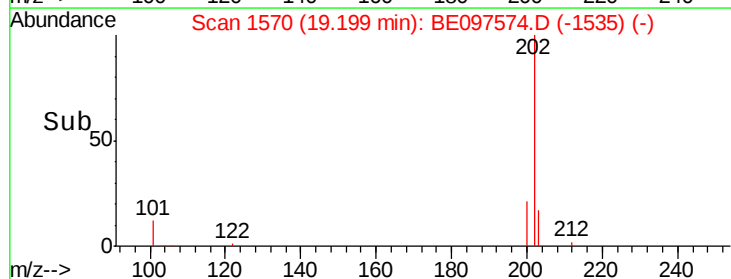
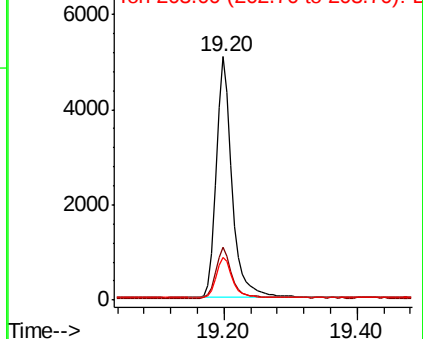
203 17.1 13.8 20.8

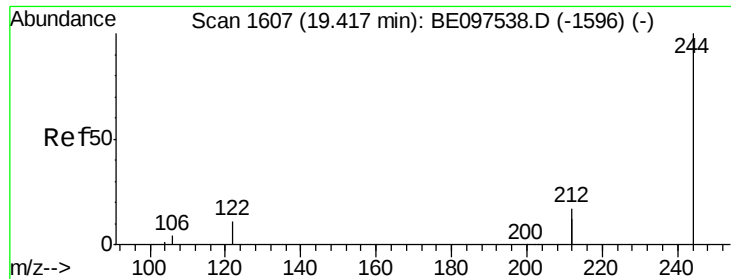


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.42 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

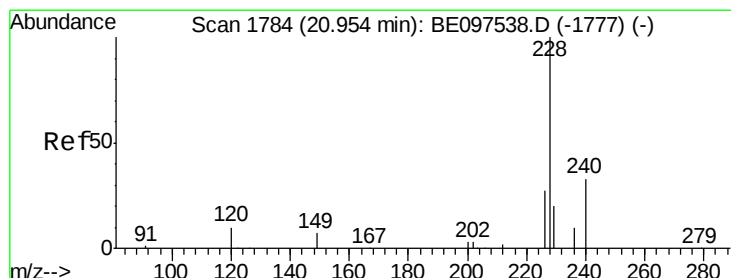
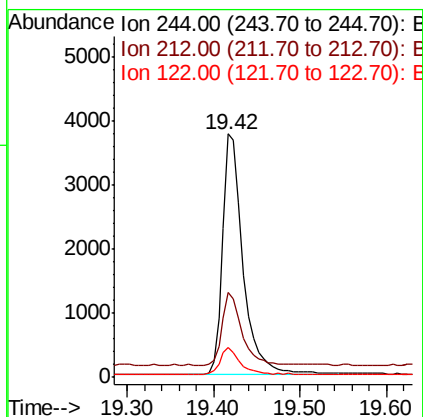
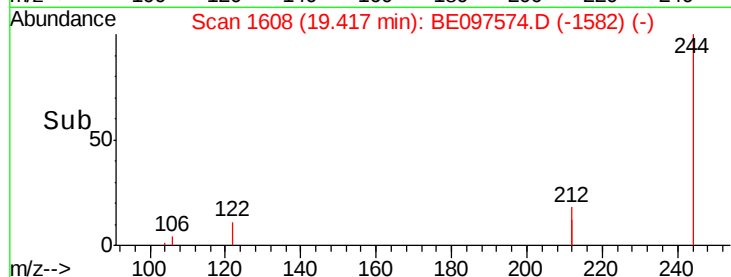
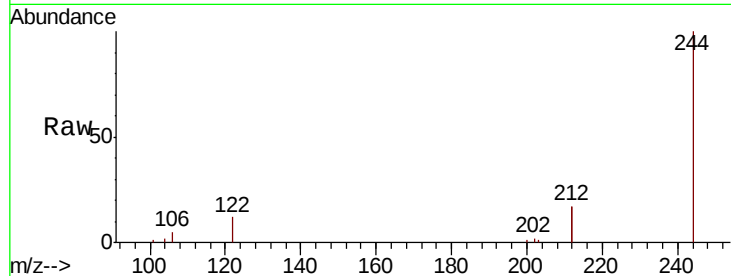
Tgt Ion:244 Resp: 6189

Ion Ratio Lower Upper

244 100

212 34.8 25.4 38.0

122 12.3 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.356 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

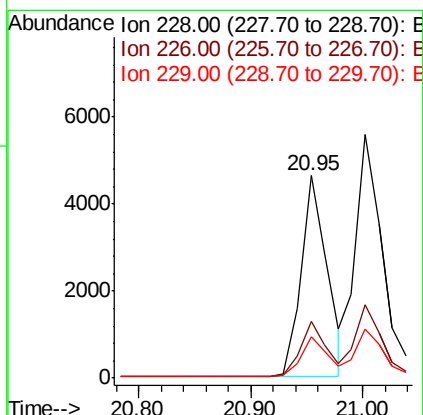
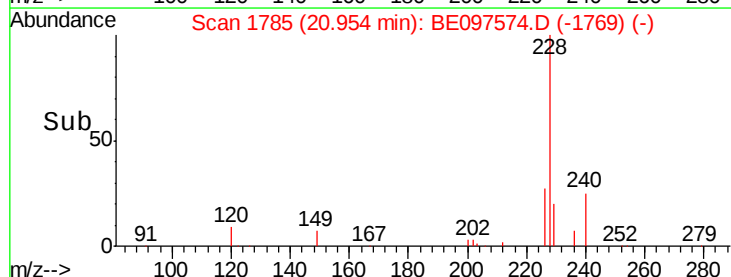
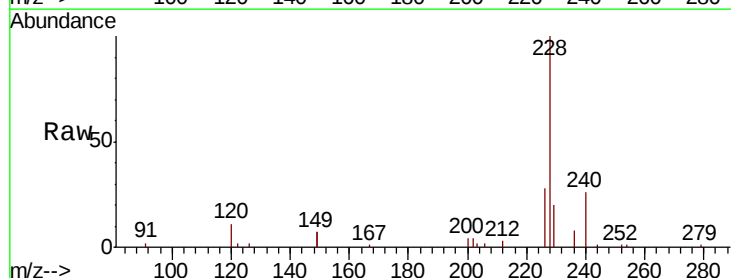
Tgt Ion:228 Resp: 7394

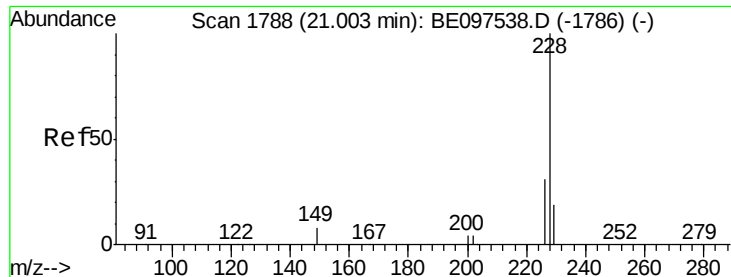
Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

229 20.5 16.0 24.0





#31

Chrysene

Concen: 0.409 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

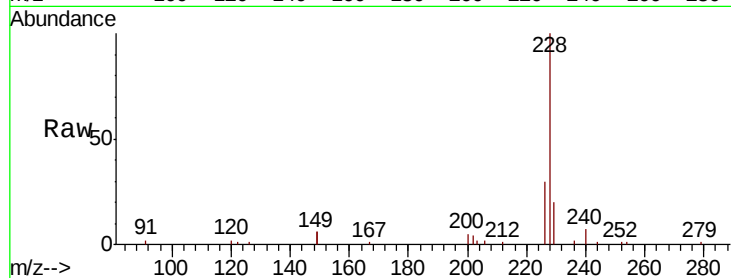
Tgt Ion: 228 Resp: 9097

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

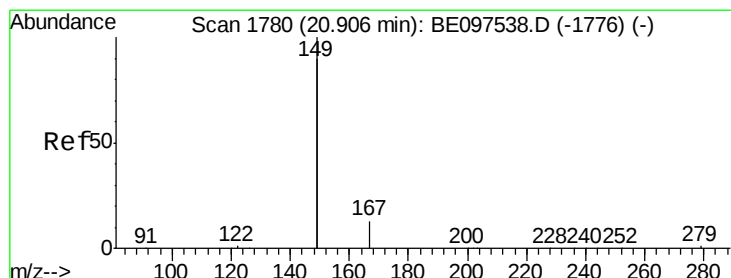
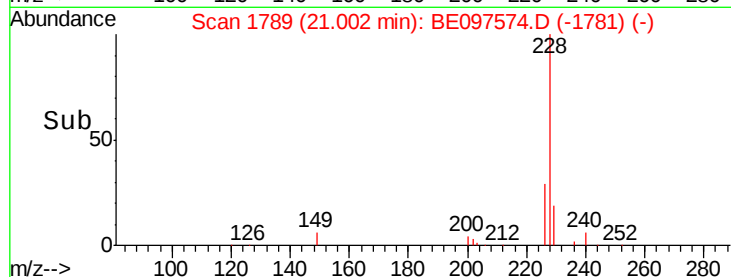
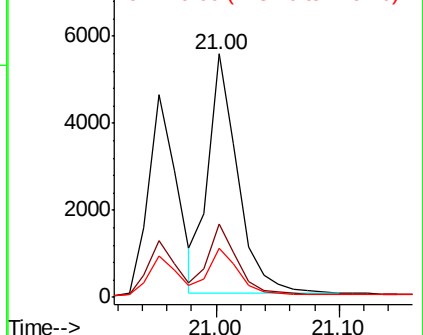
229 19.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.285 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

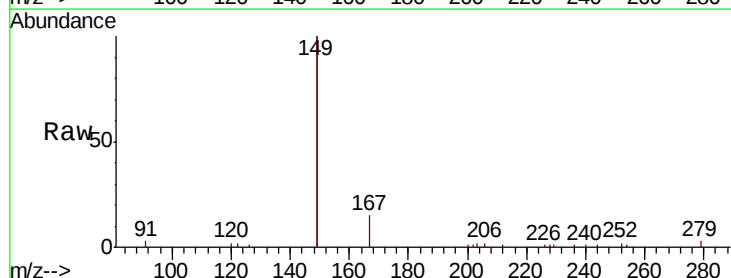
Tgt Ion: 149 Resp: 9578

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

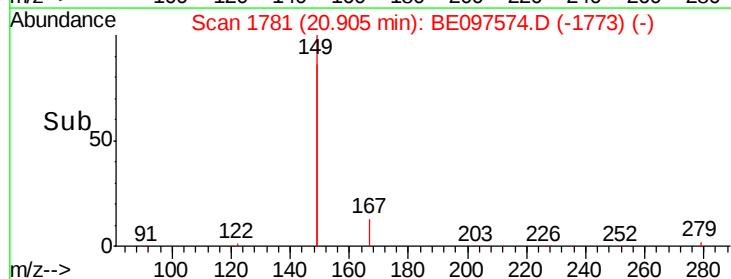
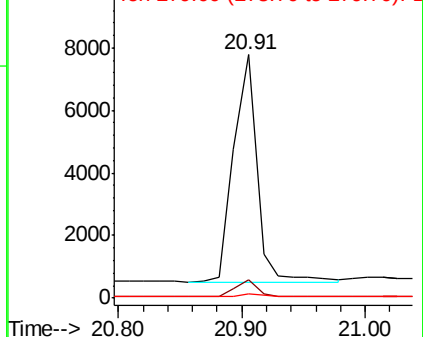
279 1.1 0.7 1.1

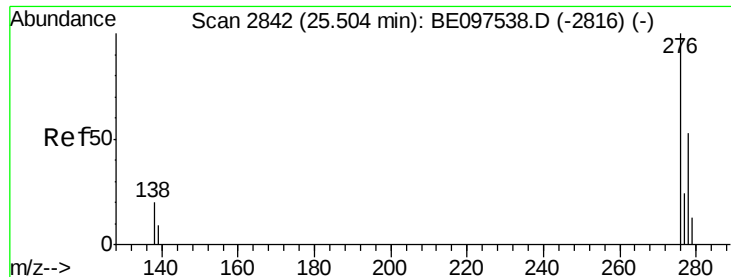


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.371 ng

RT: 25.50 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

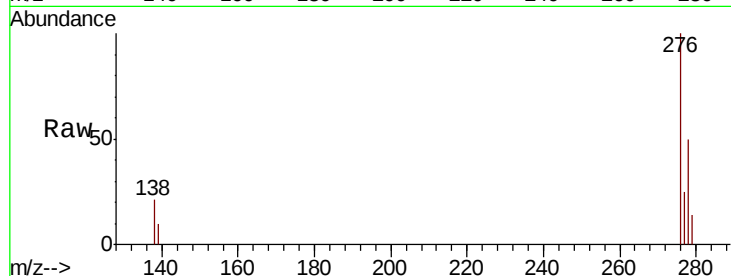
Tgt Ion:276 Resp: 9954

Ion Ratio Lower Upper

276 100

138 20.2 22.5 33.7#

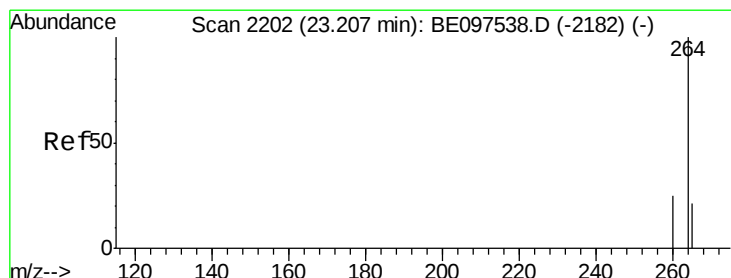
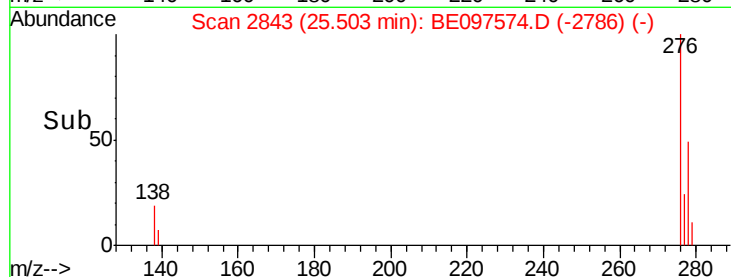
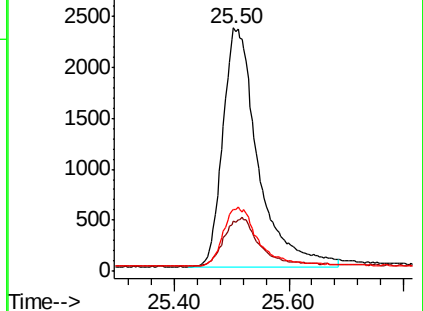
277 24.3 19.9 29.9



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

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

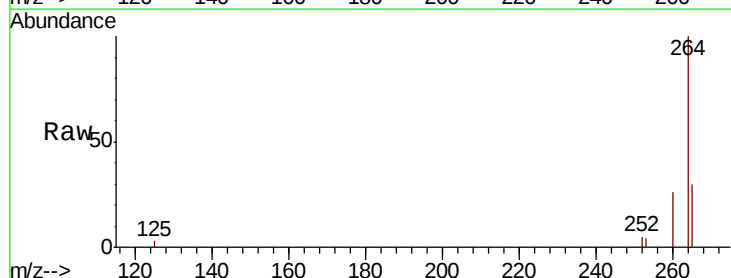
Tgt Ion:264 Resp: 7933

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

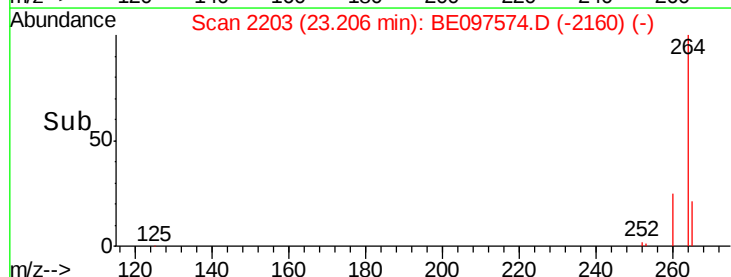
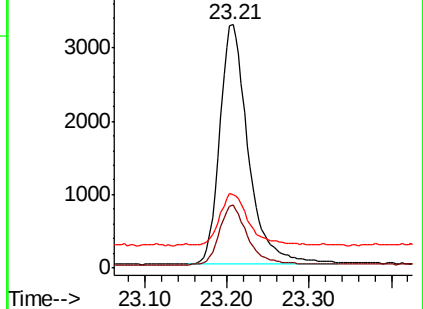
265 30.0 22.8 34.2

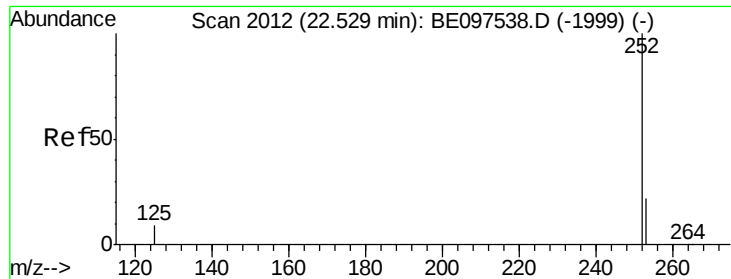


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

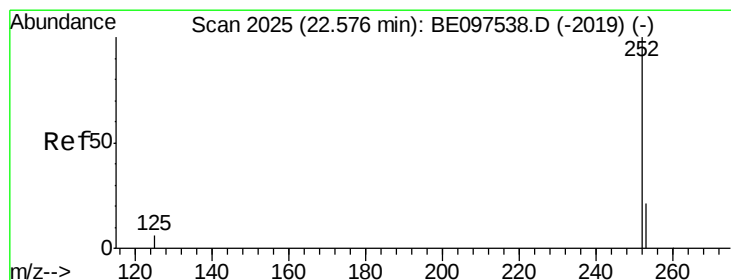
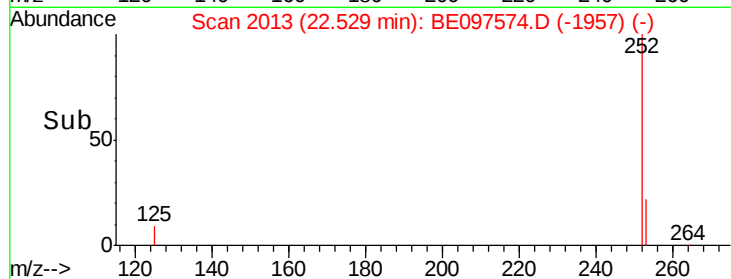
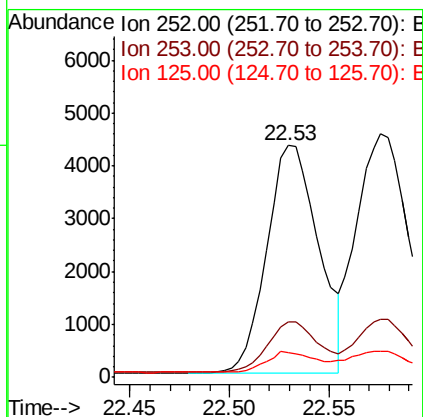
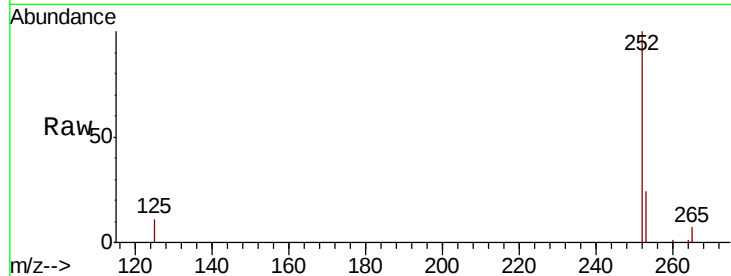




#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097574.D
Acq: 20 Sep 2018 13:06

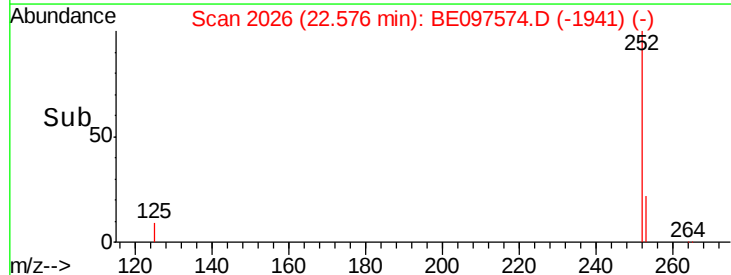
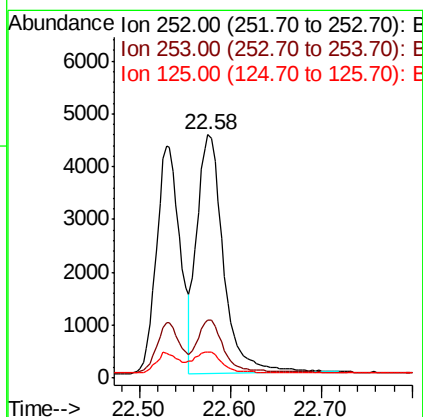
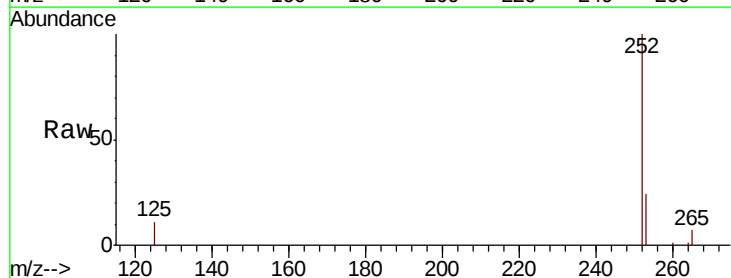
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

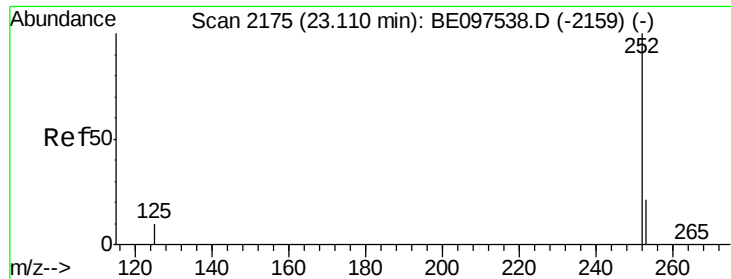
Tgt Ion:252 Resp: 7787
Ion Ratio Lower Upper
252 100
253 23.7 20.0 30.0
125 10.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.58 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE097574.D
Acq: 20 Sep 2018 13:06

Tgt Ion:252 Resp: 9062
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 10.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.11 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

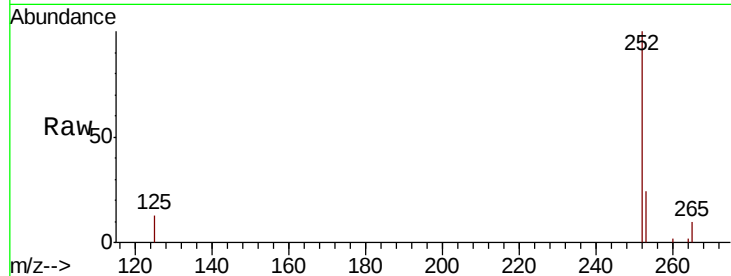
Tgt Ion:252 Resp: 7583

Ion Ratio Lower Upper

252 100

253 24.4 16.0 24.0#

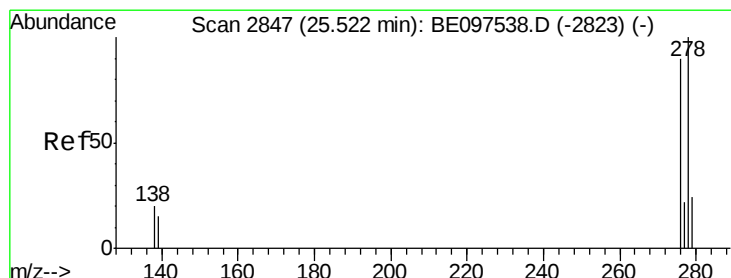
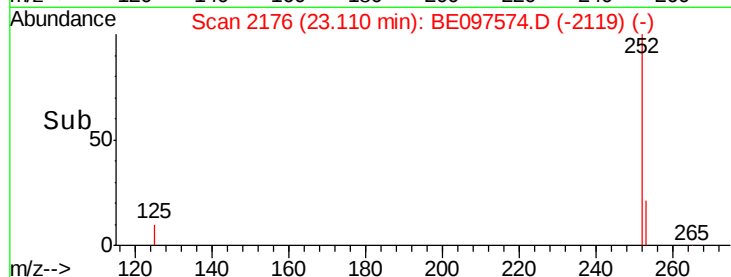
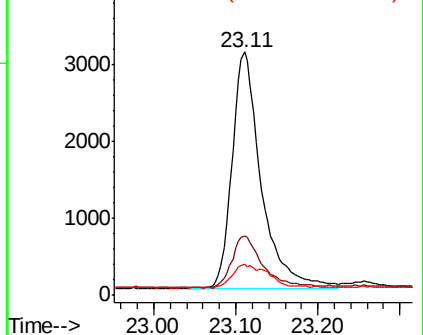
125 12.6 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.388 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

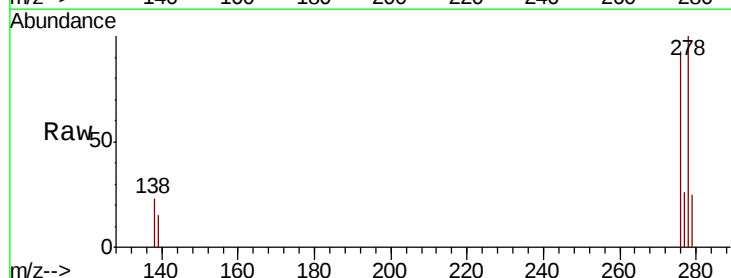
Tgt Ion:278 Resp: 8275

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

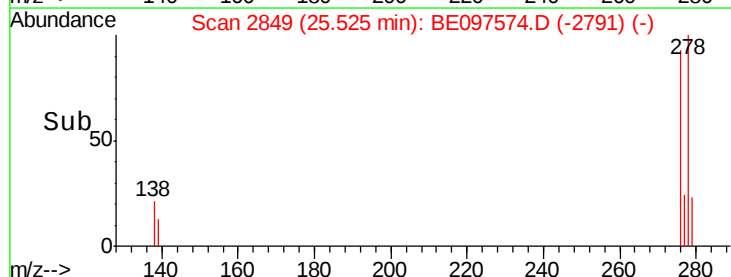
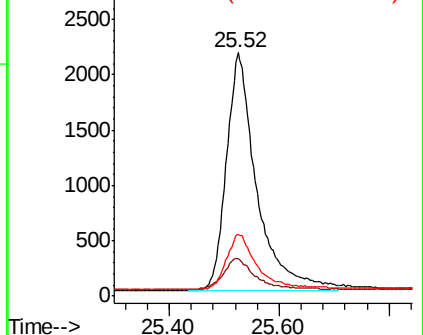
279 25.4 20.0 30.0

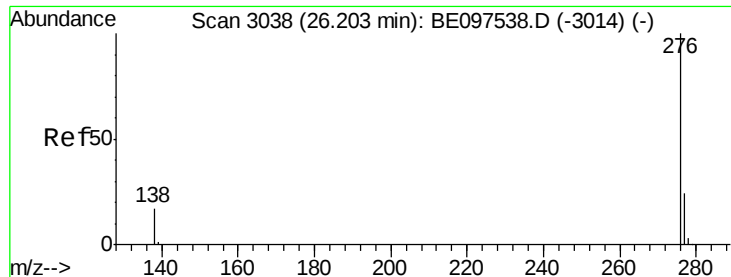


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.389 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.01 min

Lab File: BE097574.D

Acq: 20 Sep 2018 13:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

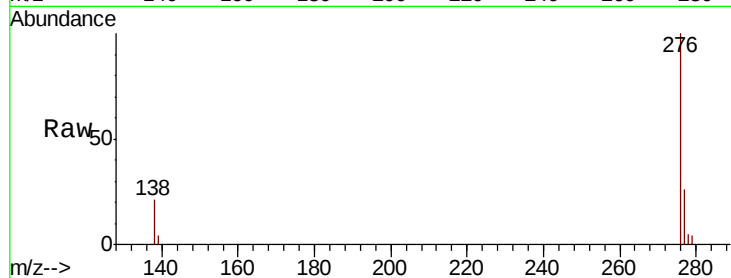
Tgt Ion: 276 Resp: 8059

Ion Ratio Lower Upper

276 100

277 26.1 16.0 24.0#

138 20.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

2500 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

