

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082817\
 Data File : BE093890.D
 Acq On : 28 Aug 2017 10:12
 Operator : SJ/JU
 Sample : I4974-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JPS-W1

Quant Time: Aug 28 12:01:04 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 11:26:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1810	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	8868	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5443	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16342	0.40	ng	0.00
27) Chrysene-d12	21.40	240	14705	0.40	ng	-0.01
34) Perylene-d12	23.92	264	12541	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	909	0.16	ng	0.00
5) Phenol-d6	7.09	99	888	0.10	ng	0.00
8) Nitrobenzene-d5	9.06	82	2697	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	4922	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	669	0.46	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	7217	0.33	ng	-0.01
25) Fluoranthene-d10	19.27	212	60616	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	12890	0.48	ng	0.00

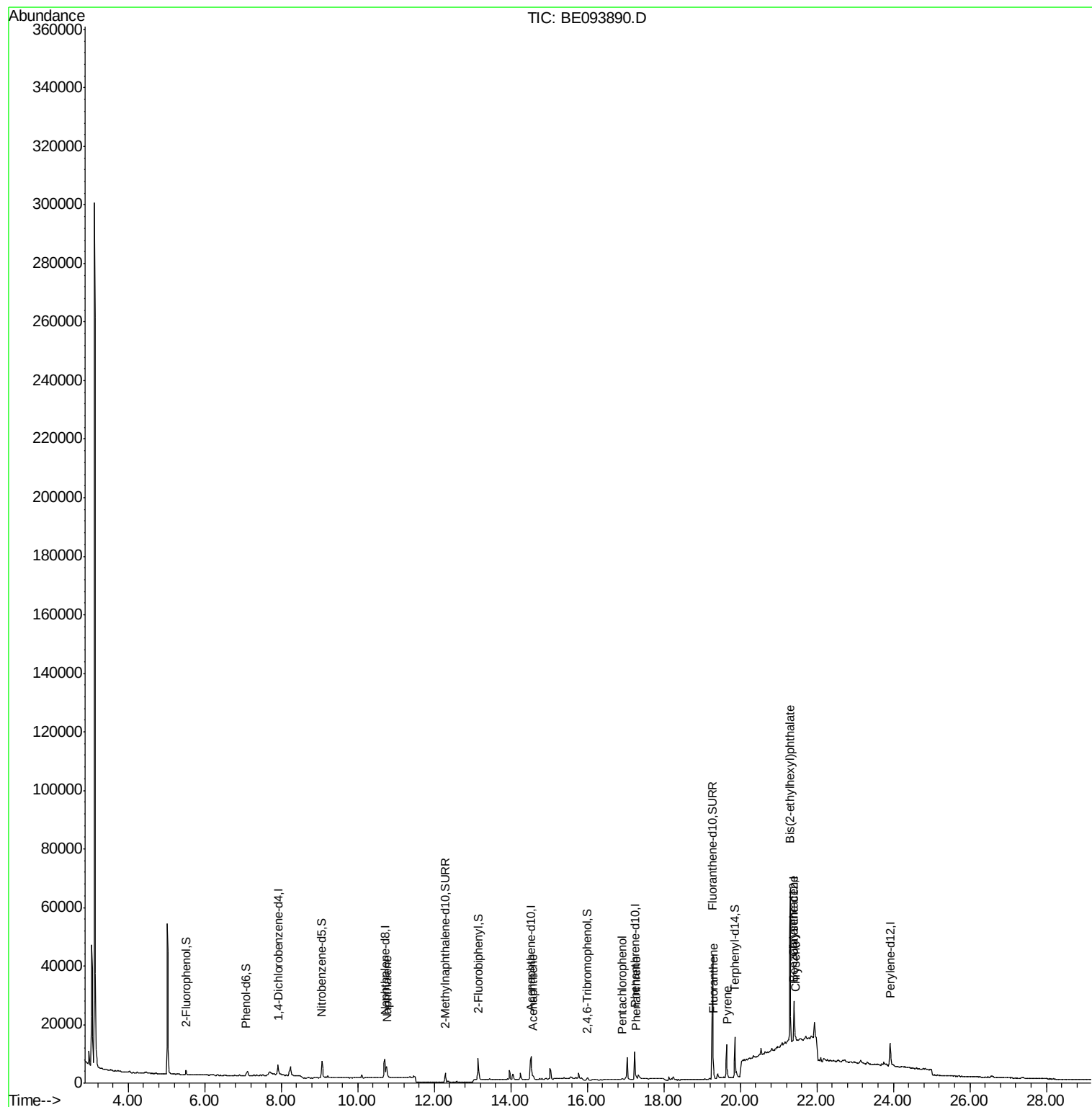
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.76	128	7028	0.070	ng	# 97
17) Acenaphthene	14.59	154	754	0.042	ng	98
22) Pentachlorophenol	16.91	266	313	0.122	ng	92
23) Phenanthrene	17.27	178	1707	0.041	ng	# 91
26) Fluoranthene	19.30	202	1944	0.034	ng	# 85
28) Pyrene	19.66	202	2155	0.044	ng	# 93
30) Benzo(a)anthracene	21.39	228	1122	0.026	ng	# 51
31) Chrysene	21.45	228	1260	0.026	ng	# 58
32) Bis(2-ethylhexyl)phthalate	21.30	149	63165	0.686	ng	# 96

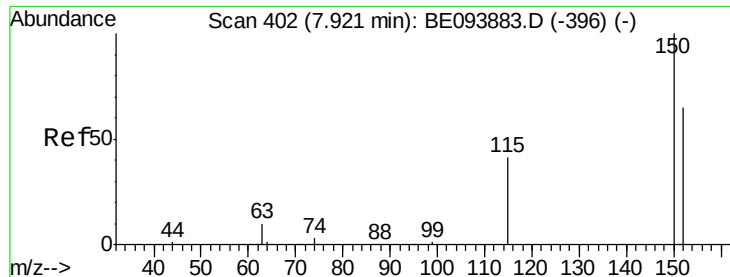
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

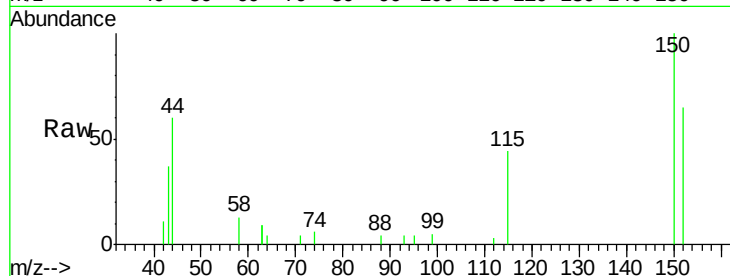
Tgt Ion:152 Resp: 1810

Ion Ratio Lower Upper

152 100

150 152.7 121.8 182.6

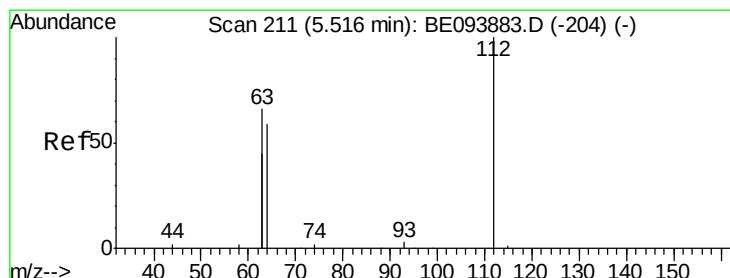
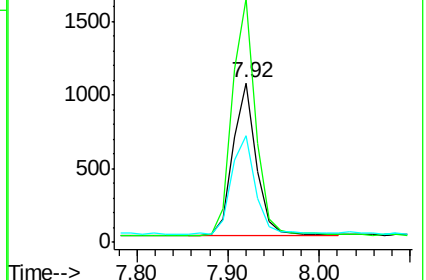
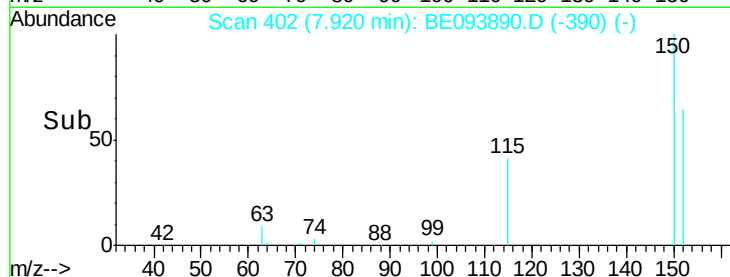
115 67.0 52.6 79.0



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: 0.163 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

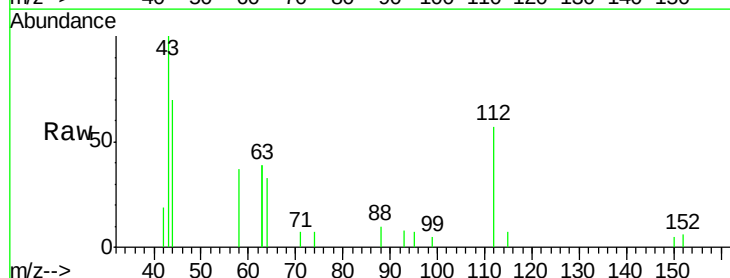
Tgt Ion:112 Resp: 909

Ion Ratio Lower Upper

112 100

64 71.4 57.7 86.5

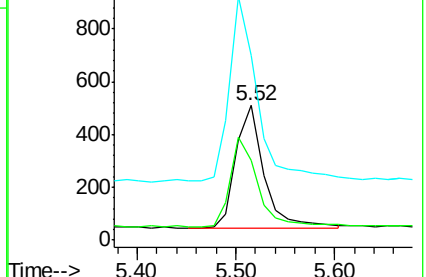
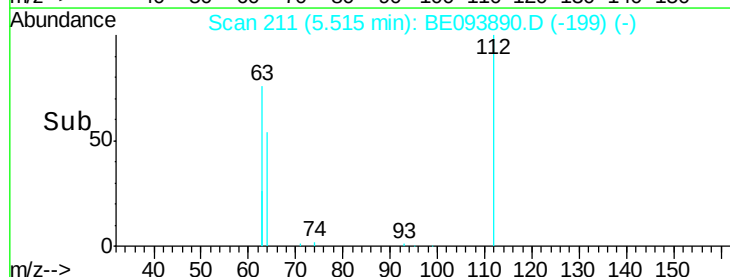
63 154.3 116.0 174.0

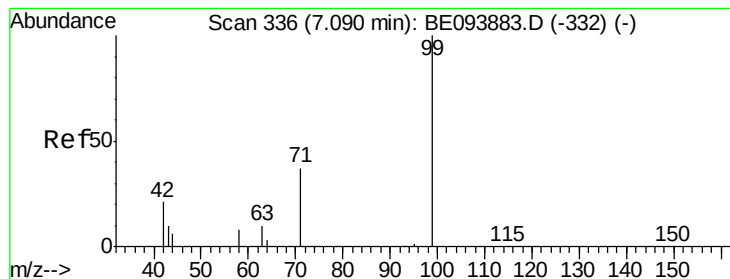


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.104 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

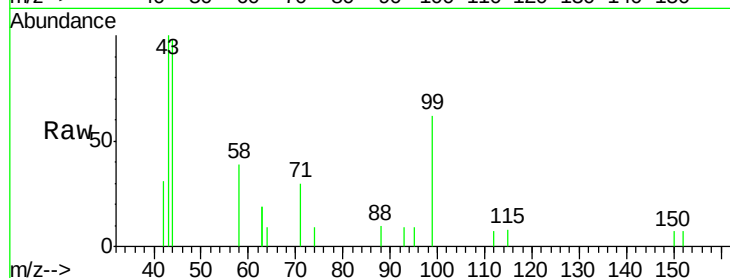
Tgt Ion: 99 Resp: 888

Ion Ratio Lower Upper

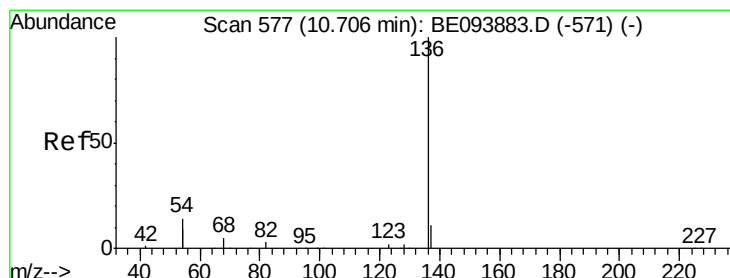
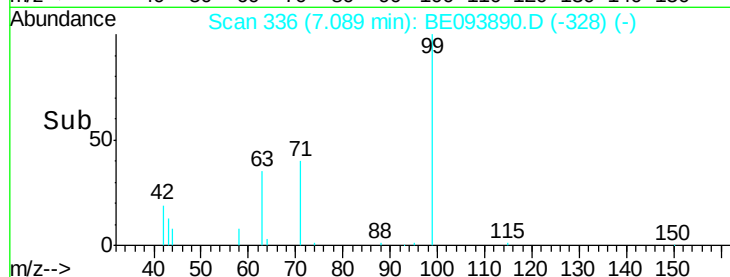
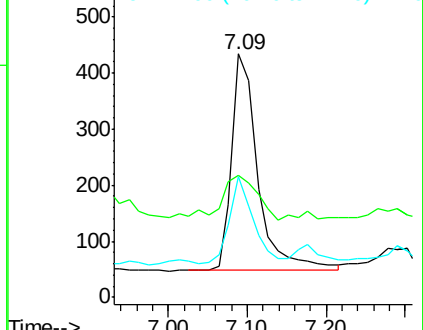
99 100

42 24.3 17.1 25.7

71 36.9 26.6 39.8



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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Tgt Ion: 136 Resp: 8868

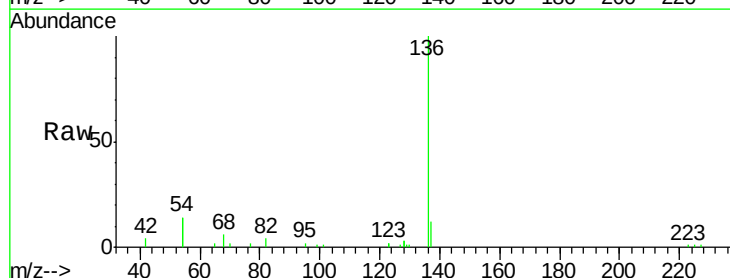
Ion Ratio Lower Upper

136 100

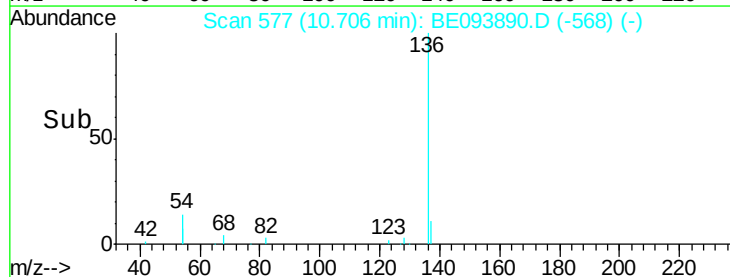
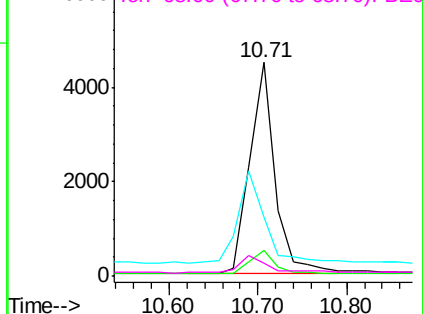
137 11.9 9.2 13.8

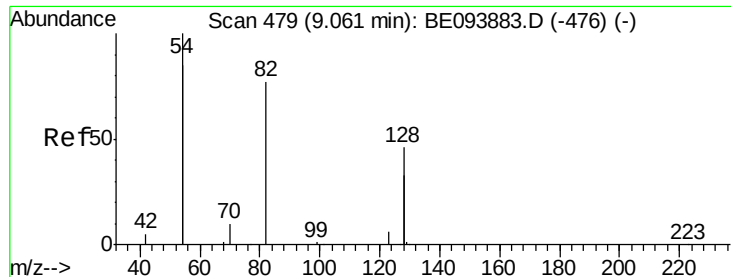
54 27.3 21.9 32.9

68 5.9 4.6 7.0



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: 0.365 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampled :

JPS-W1

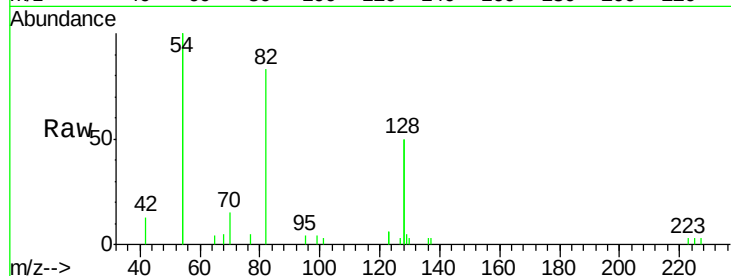
Tgt Ion: 82 Resp: 2697

Ion Ratio Lower Upper

82 100

128 119.5 91.4 137.0

54 240.0 197.8 296.8

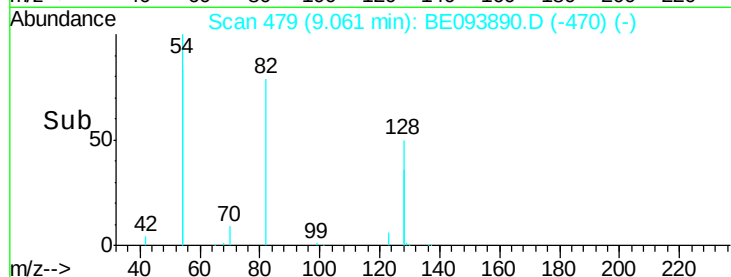


Abundance Ion 82.00 (81.70 to 82.70): BE093883.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE093883.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE093883.D (-476) (-)

Time-->

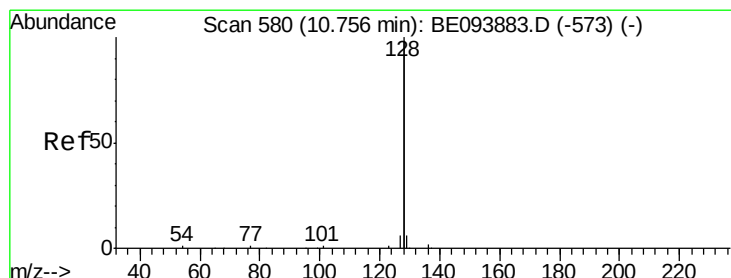


Abundance Ion 82.00 (81.70 to 82.70): BE093890.D (-470) (-)

Ion 128.00 (127.70 to 128.70): BE093890.D (-470) (-)

Ion 54.00 (53.70 to 54.70): BE093890.D (-470) (-)

Time-->



#9

Naphthalene

Concen: 0.070 ng

RT: 10.76 min Scan# 580

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

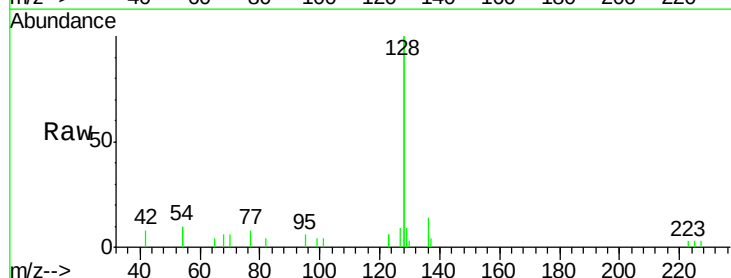
Tgt Ion: 128 Resp: 7028

Ion Ratio Lower Upper

128 100

129 4.3 2.5 3.7#

127 4.3 2.6 4.0#

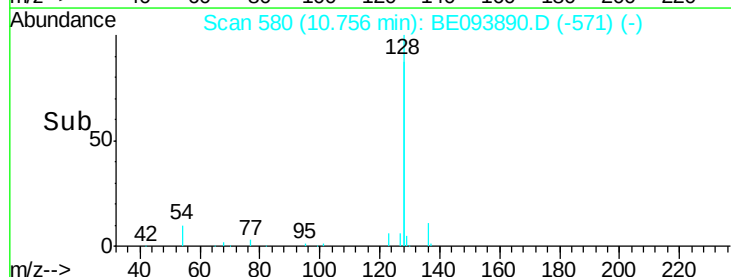


Abundance Ion 128.00 (127.70 to 128.70): BE093883.D (-573) (-)

Ion 129.00 (128.70 to 129.70): BE093883.D (-573) (-)

Ion 127.00 (126.70 to 127.70): BE093883.D (-573) (-)

Time-->

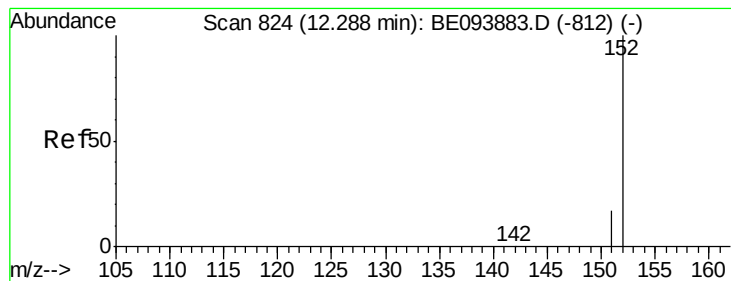


Abundance Ion 128.00 (127.70 to 128.70): BE093890.D (-571) (-)

Ion 129.00 (128.70 to 129.70): BE093890.D (-571) (-)

Ion 127.00 (126.70 to 127.70): BE093890.D (-571) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.351 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

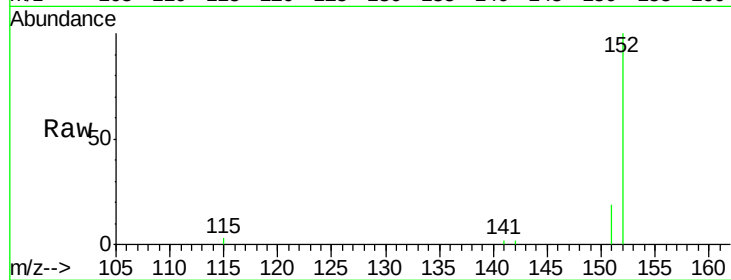
JPS-W1

Tgt Ion:152 Resp: 4922

Ion Ratio Lower Upper

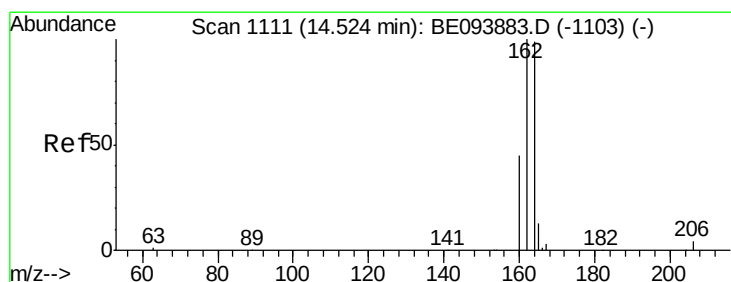
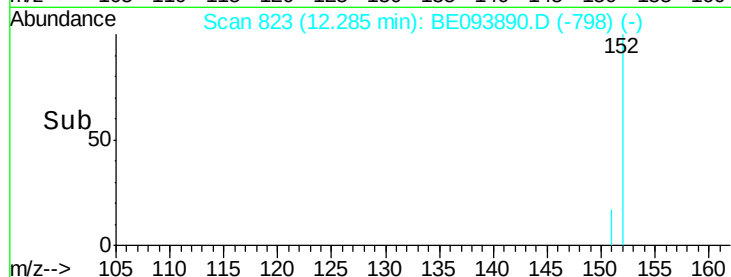
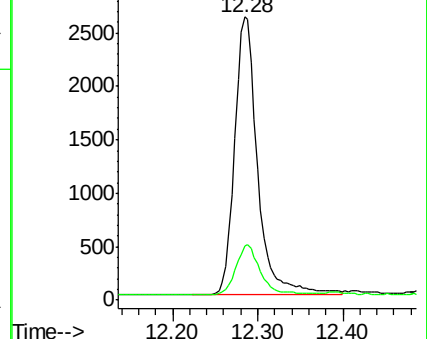
152 100

151 18.9 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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

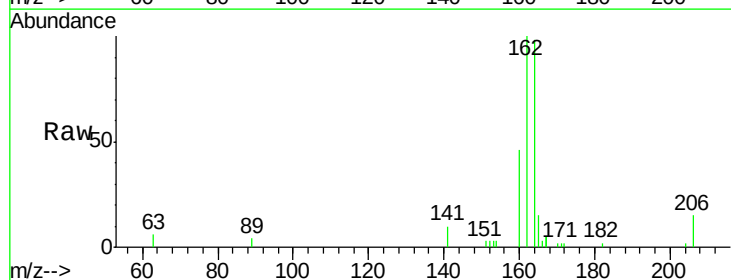
Tgt Ion:164 Resp: 5443

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

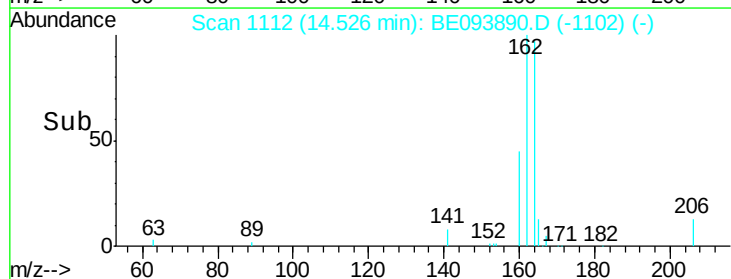
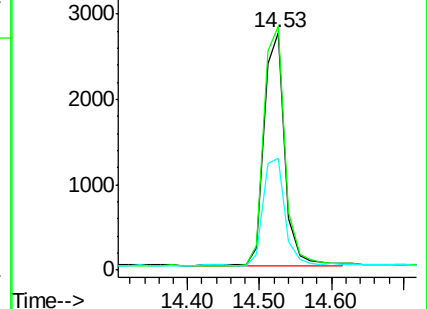
160 46.8 37.0 55.4

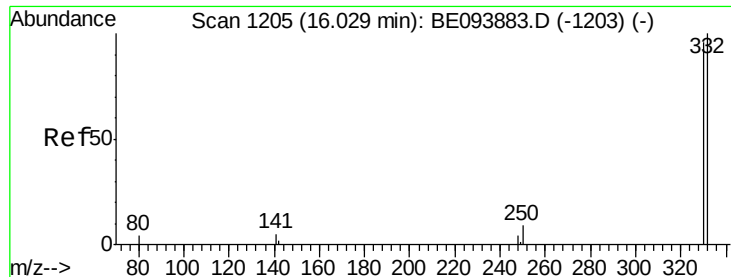


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

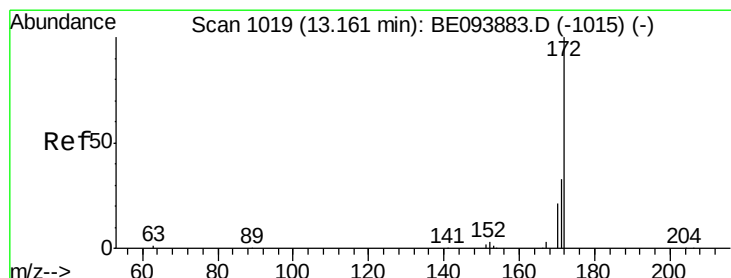
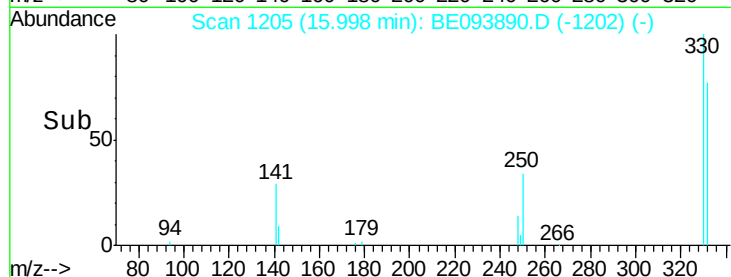
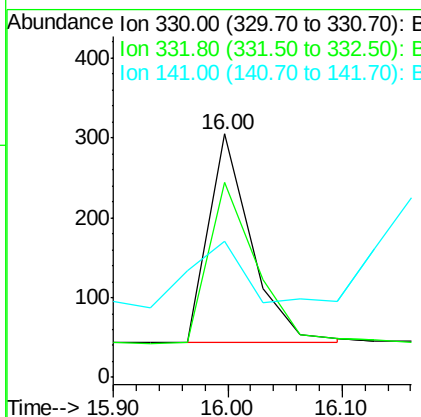
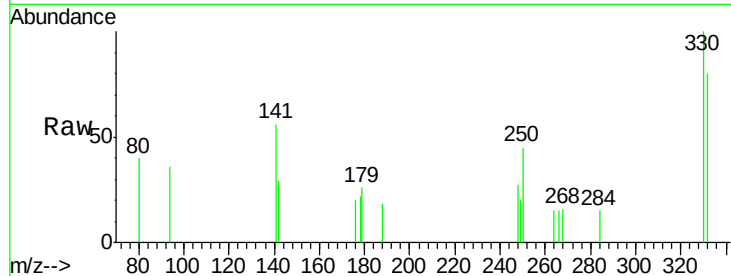




#14
 2,4,6-Tribromophenol
 Concen: 0.459 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093890.D
 Acq: 28 Aug 2017 10:12

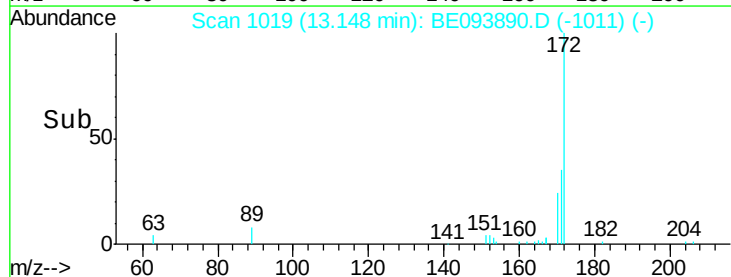
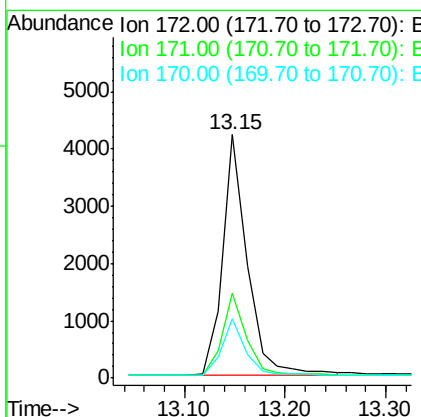
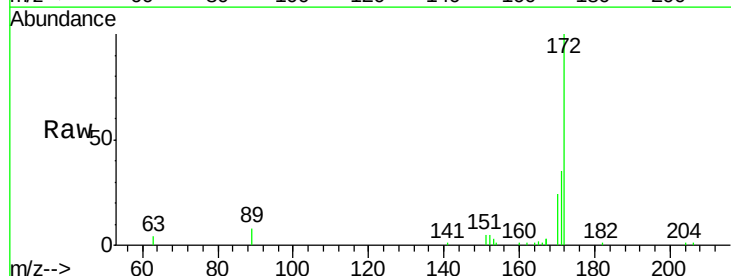
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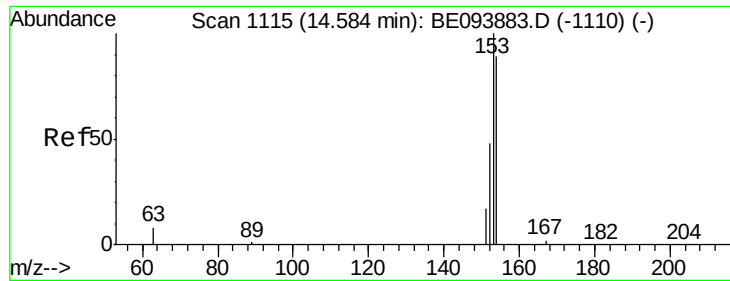
Tgt Ion: 330 Resp: 669
 Ion Ratio Lower Upper
 330 100
 332 85.4 76.9 115.3
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 0.333 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE093890.D
 Acq: 28 Aug 2017 10:12

Tgt Ion: 172 Resp: 7217
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.9 40.3
 170 24.4 17.3 25.9

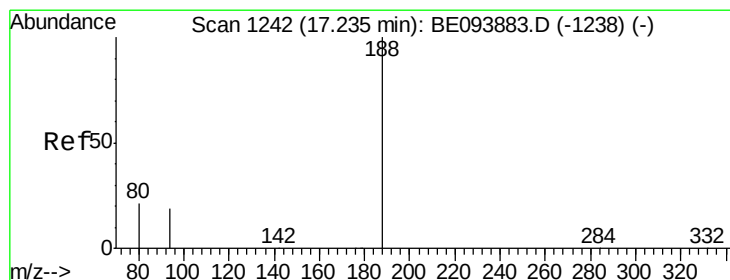
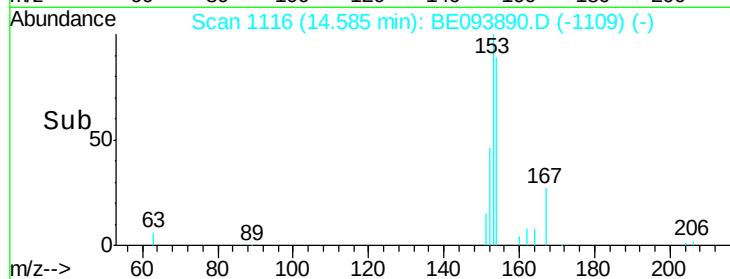
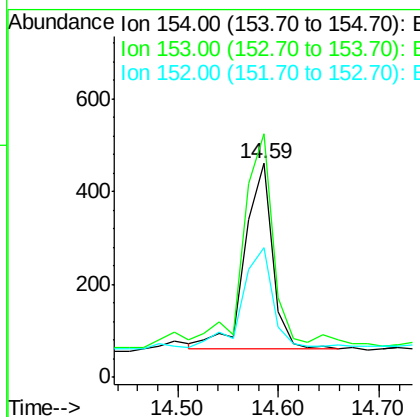
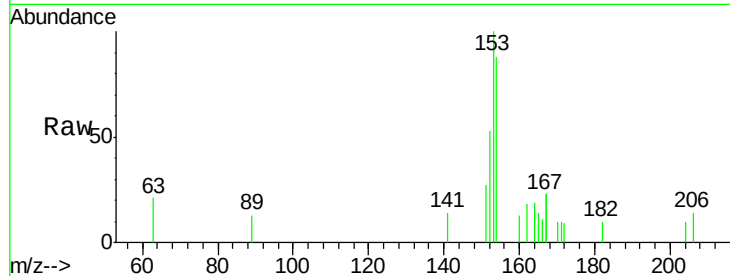




#17
Acenaphthene
Concen: 0.042 ng
RT: 14.59 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE093890.D
Acq: 28 Aug 2017 10:12

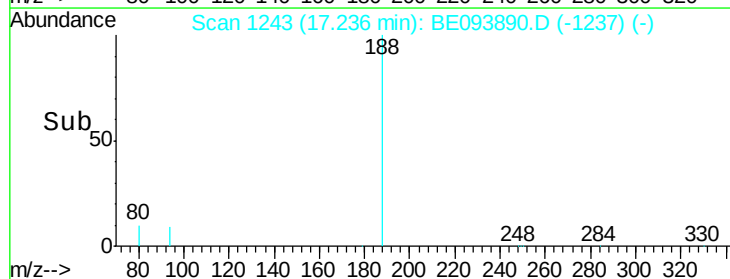
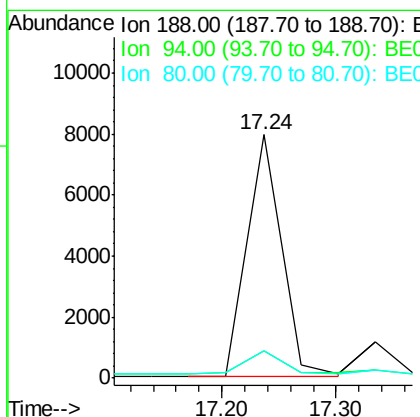
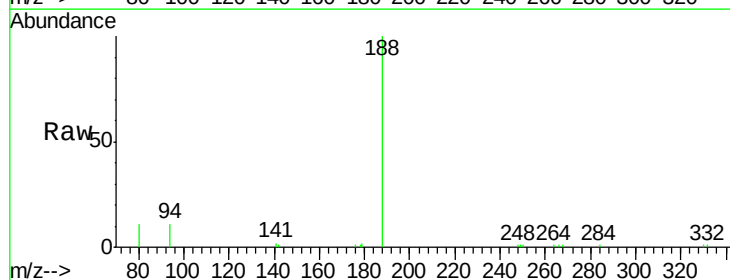
Instrument :
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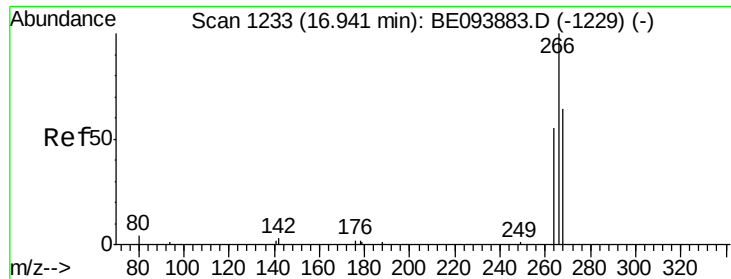
Tgt Ion:154 Resp: 754
Ion Ratio Lower Upper
154 100
153 115.3 91.8 137.6
152 59.7 44.9 67.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093890.D
Acq: 28 Aug 2017 10:12

Tgt Ion:188 Resp: 16342
Ion Ratio Lower Upper
188 100
94 11.2 16.1 24.1#
80 11.2 18.2 27.2#

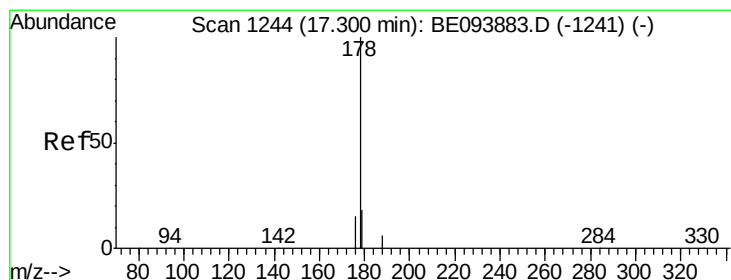
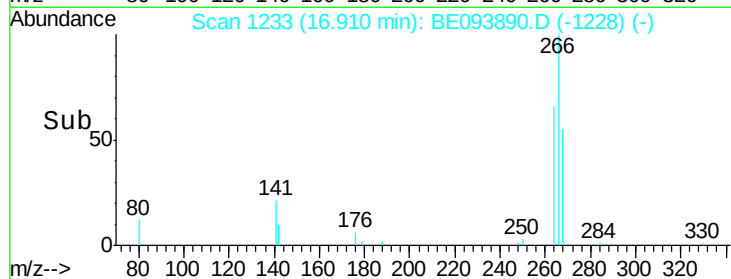
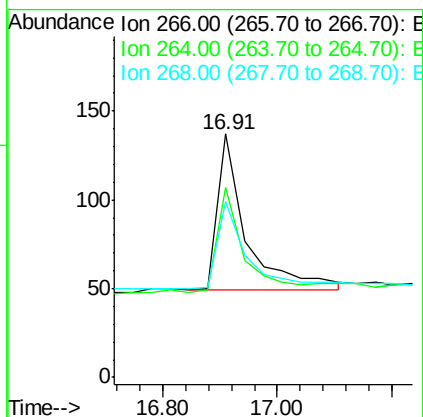
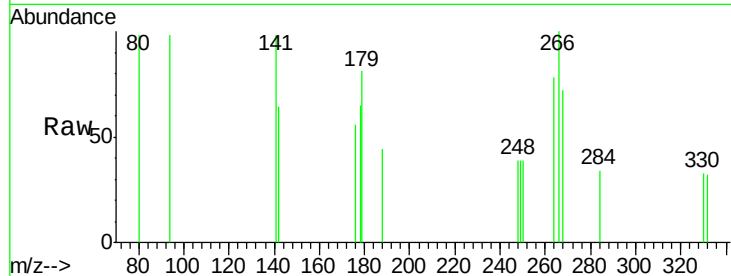




#22
 Pentachlorophenol
 Concen: 0.122 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.03 min
 Lab File: BE093890.D
 Acq: 28 Aug 2017 10:12

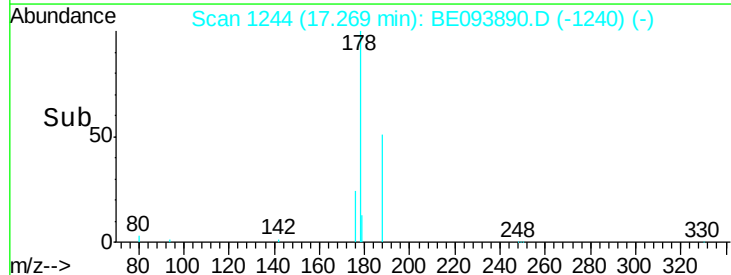
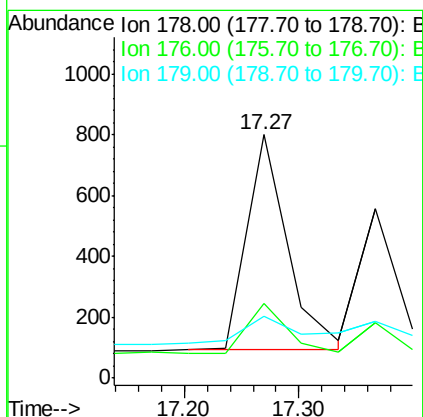
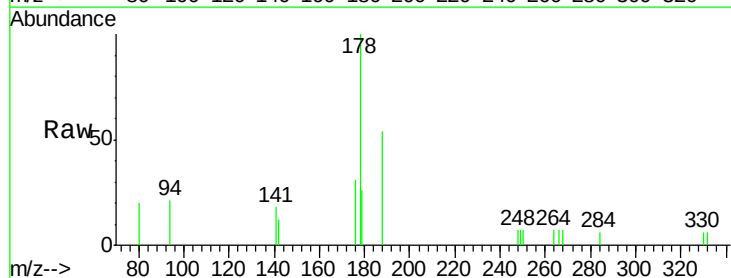
Instrument :
 BNA_E
 ClientSampleId :
 JPS-W1

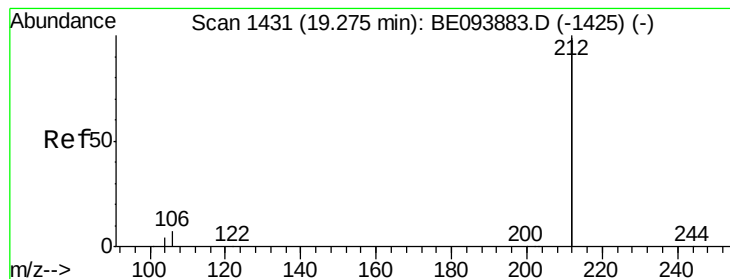
Tgt Ion: 266 Resp: 313
 Ion Ratio Lower Upper
 266 100
 264 78.1 53.5 80.3
 268 72.3 60.0 90.0



#23
 Phenanthrene
 Concen: 0.041 ng
 RT: 17.27 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BE093890.D
 Acq: 28 Aug 2017 10:12

Tgt Ion: 178 Resp: 1707
 Ion Ratio Lower Upper
 178 100
 176 23.3 0.0 0.0#
 179 19.6 12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.27 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

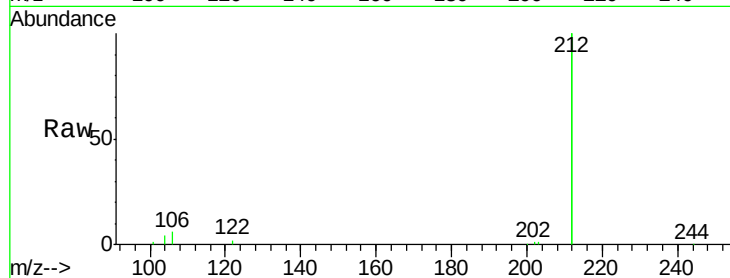
Tgt Ion:212 Resp: 60616

Ion Ratio Lower Upper

212 100

106 3.6 2.7 4.1

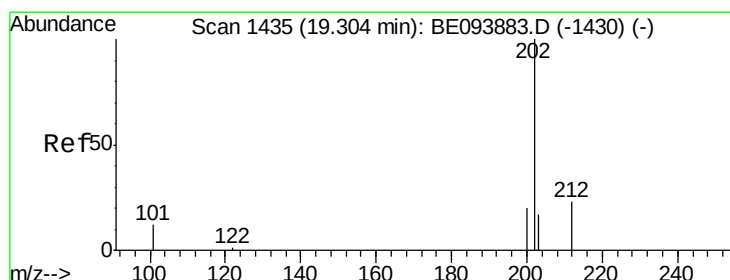
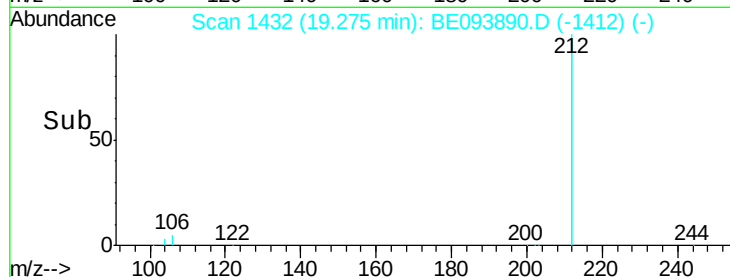
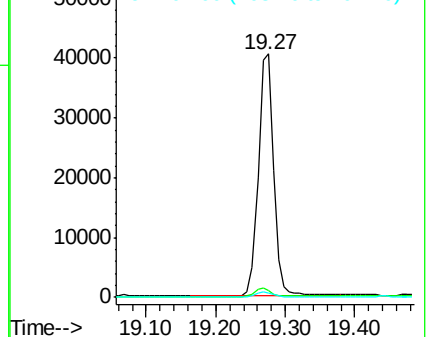
104 2.3 1.6 2.4



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: 0.034 ng

RT: 19.30 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

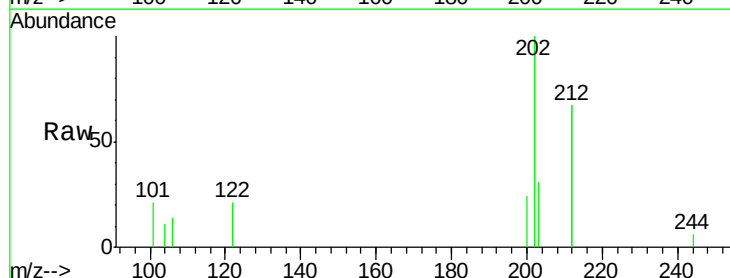
Tgt Ion:202 Resp: 1944

Ion Ratio Lower Upper

202 100

101 24.8 9.7 14.5#

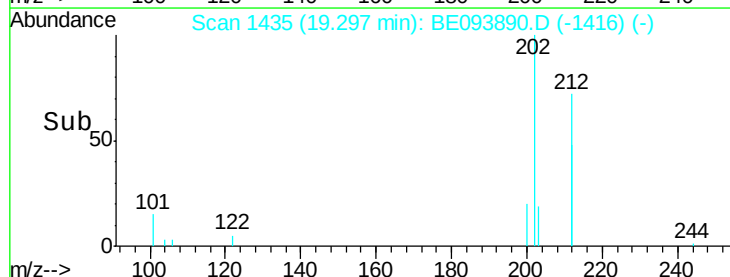
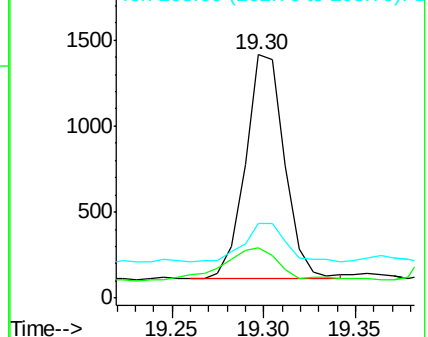
203 17.9 13.7 20.5

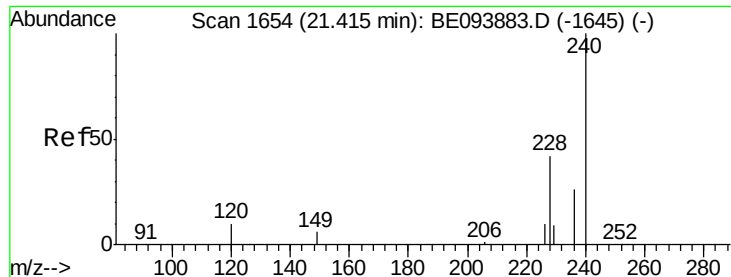


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

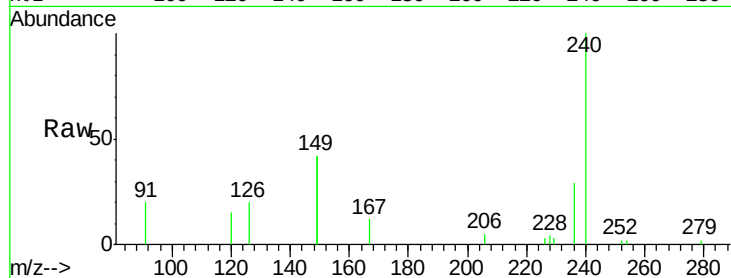
Tgt Ion:240 Resp: 14705

Ion Ratio Lower Upper

240 100

120 15.5 8.7 13.1#

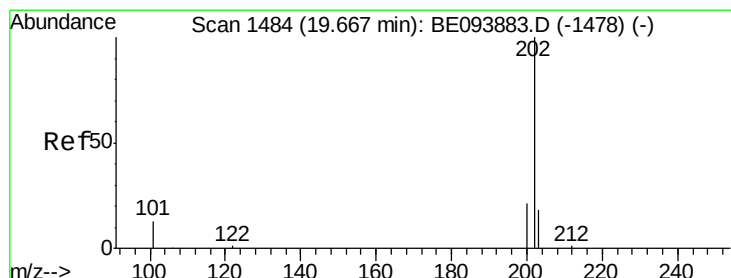
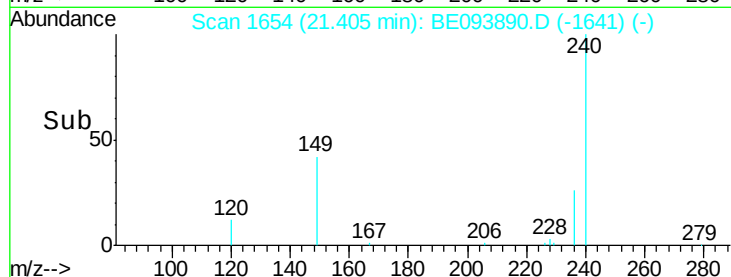
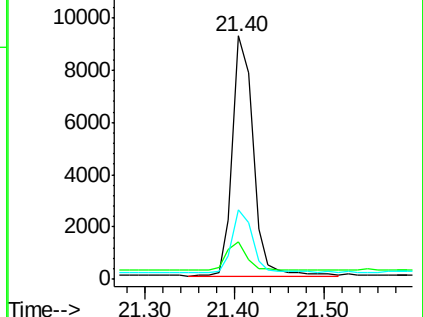
236 28.6 21.3 31.9



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: 0.044 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

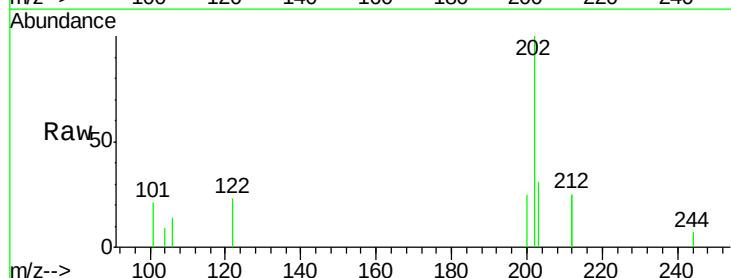
Tgt Ion:202 Resp: 2155

Ion Ratio Lower Upper

202 100

200 21.5 16.6 24.8

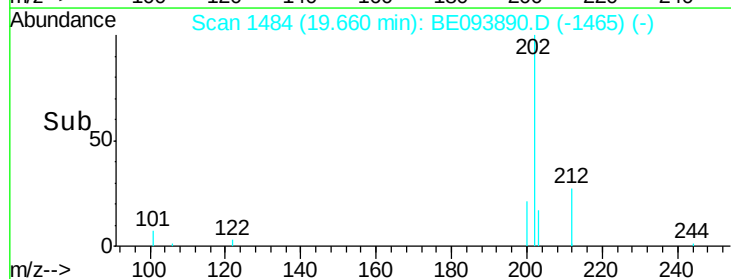
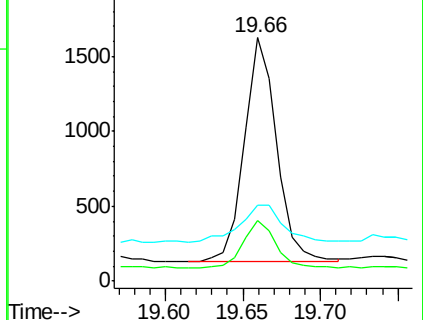
203 23.6 14.2 21.4#

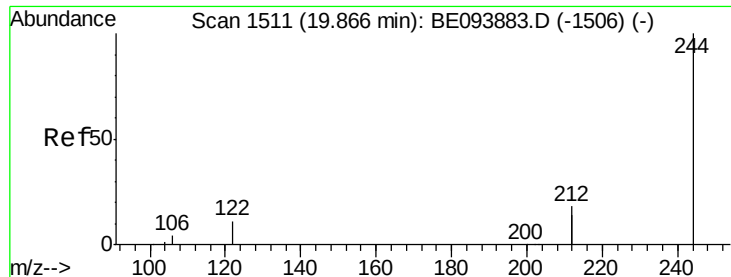


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.484 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

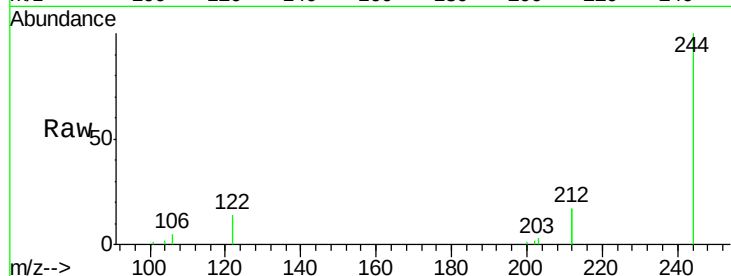
Tgt Ion:244 Resp: 12890

Ion Ratio Lower Upper

244 100

212 33.6 28.3 42.5

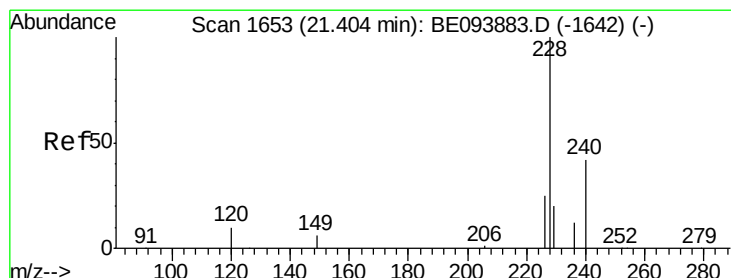
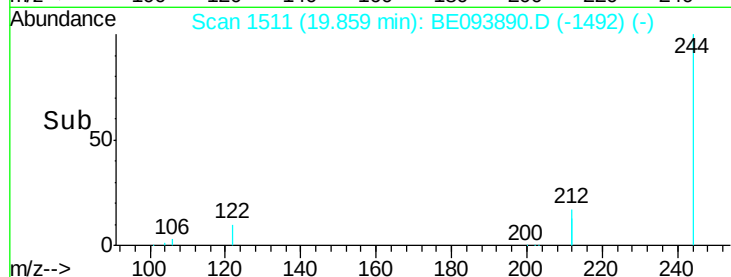
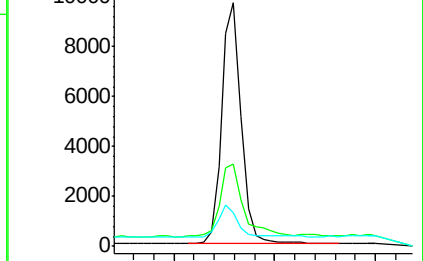
122 13.7 9.4 14.0



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



#30

Benzo(a)anthracene

Concen: 0.026 ng

RT: 21.39 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

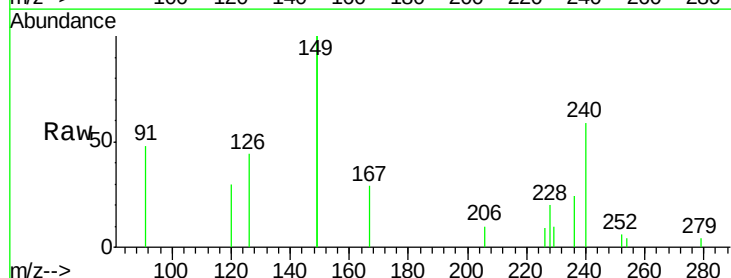
Tgt Ion:228 Resp: 1122

Ion Ratio Lower Upper

228 100

226 44.1 20.8 31.2#

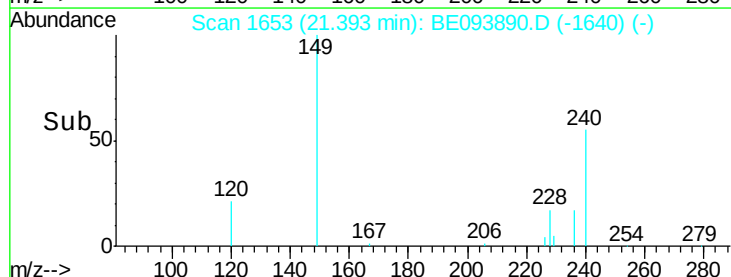
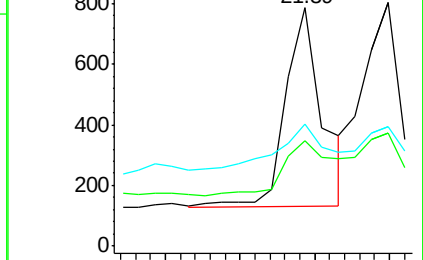
229 51.5 16.6 25.0#

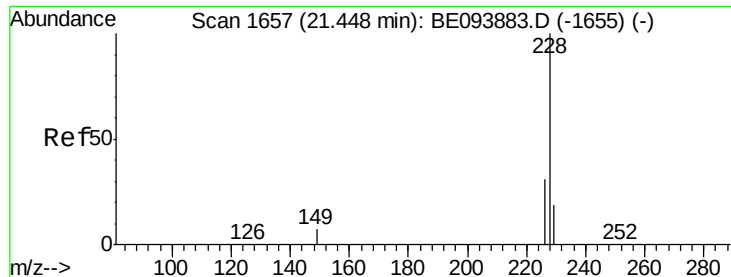


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.026 ng

RT: 21.45 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

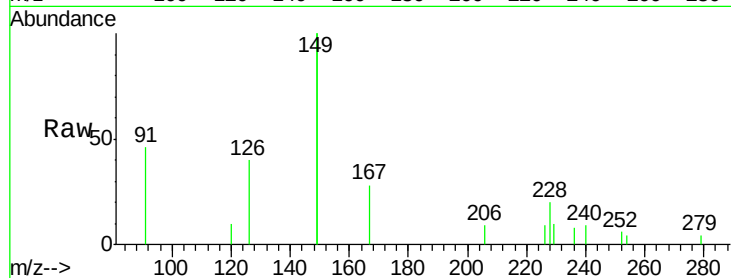
Tgt Ion:228 Resp: 1260

Ion Ratio Lower Upper

228 100

226 46.2 24.6 37.0#

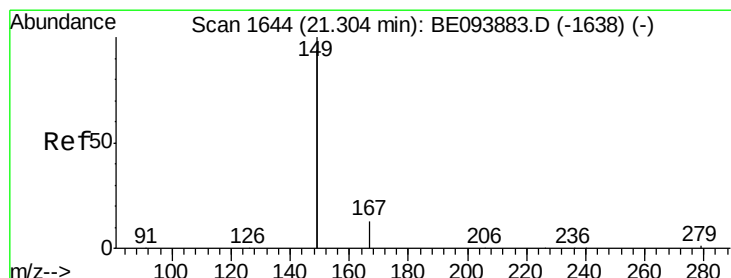
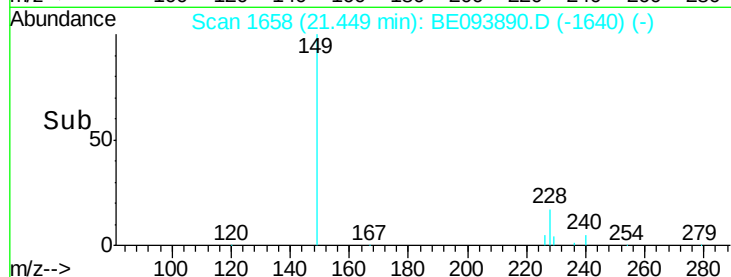
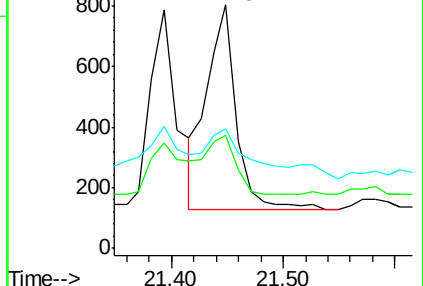
229 49.2 15.8 23.8#



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: 0.686 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

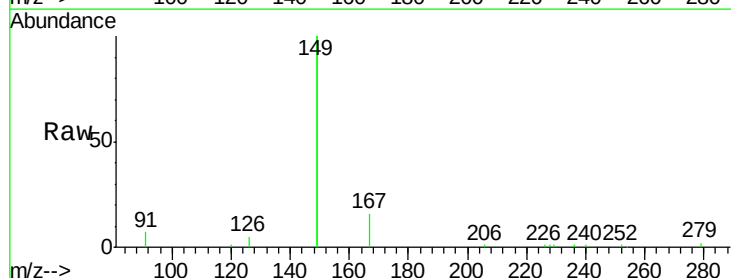
Tgt Ion:149 Resp: 63165

Ion Ratio Lower Upper

149 100

167 8.1 5.4 8.0#

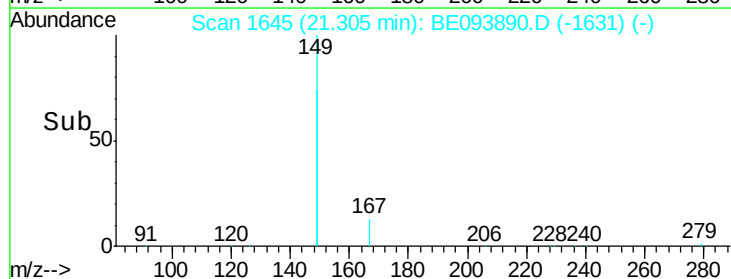
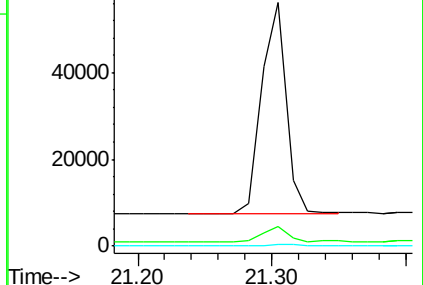
279 1.0 0.7 1.1

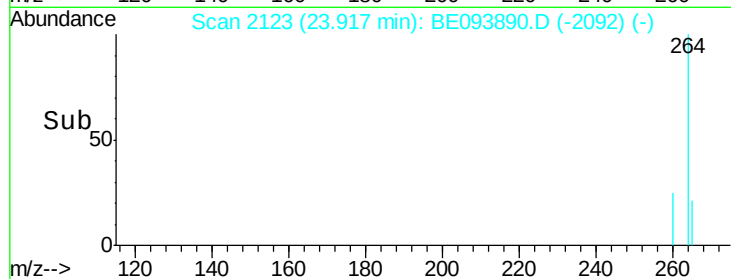
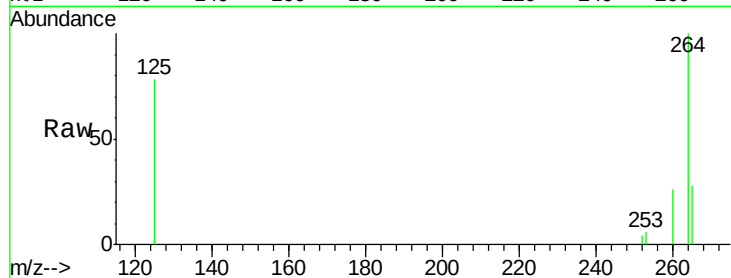
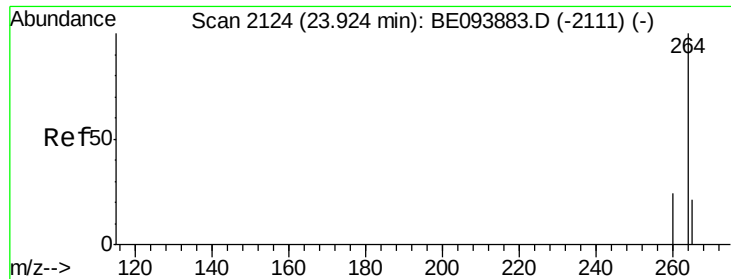


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE093890.D

Acq: 28 Aug 2017 10:12

Instrument :

BNA_E

ClientSampleId :

JPS-W1

Tgt Ion: 264 Resp: 12541

Ion Ratio Lower Upper

264 100

260 25.9 20.0 30.0

265 28.0 24.0 36.0

