

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093474.D
 Acq On : 14 Jul 2017 18:02
 Operator : SJ/JU
 Sample : I4153-08MSD
 Misc : L00 0.2 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EFFLUENT-20170710MSD

Quant Time: Jul 17 01:28:27 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	4458	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	21197	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13739	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	25582	0.40	ng	0.00
27) Chrysene-d12	21.41	240	39196	0.40	ng	-0.01
34) Perylene-d12	23.93	264	32604	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2219	0.16	ng	0.00
5) Phenol-d6	7.10	99	2052	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	5659	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12307	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	927	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	20675	0.39	ng	-0.01
25) Fluoranthene-d10	19.28	212	147510	0.48	ng	0.00
29) Terphenyl-d14	19.87	244	28864	0.41	ng	0.00

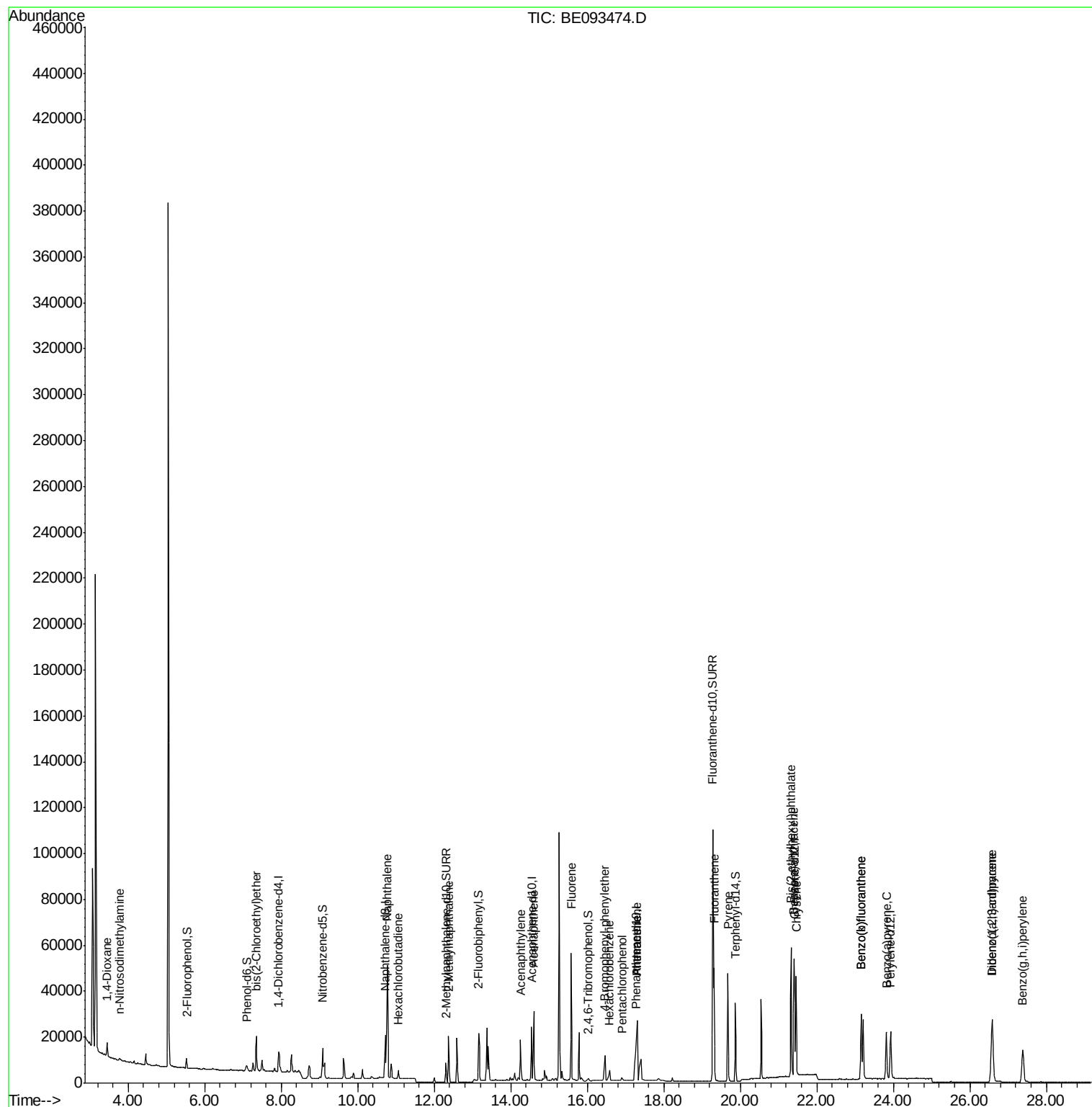
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	3986	0.422	ng	# 37
3) n-Nitrosodimethylamine	3.77	42	671	0.222	ng	# 63
6) bis(2-Chloroethyl)ether	7.35	93	5310	0.356	ng	# 98
9) Naphthalene	10.77	128	78443	0.353	ng	# 73
10) Hexachlorobutadiene	11.06	225	2752	0.327	ng	98
12) 2-Methylnaphthalene	12.38	142	14340	0.385	ng	97
16) Acenaphthylene	14.26	152	21032	0.368	ng	# 88
17) Acenaphthene	14.60	154	15258	0.364	ng	99
18) Fluorene	15.58	166	22130	0.385	ng	# 86
20) 4-Bromophenyl-phenylether	16.45	248	9147	0.652	ng	# 1
21) Hexachlorobenzene	16.58	284	7397	0.488	ng	# 100
22) Pentachlorophenol	16.91	266	1214	0.615	ng	# 81
23) Phenanthrene	17.30	178	39918	0.429	ng	95
24) Anthracene	17.30	178	41969	0.736	ng	# 91
26) Fluoranthene	19.31	202	43589	0.499	ng	98
28) Pyrene	19.67	202	43111	0.391	ng	# 98
30) Benzo(a)anthracene	21.40	228	39462	0.373	ng	95
31) Chrysene	21.46	228	41036	0.371	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	58224	0.382	ng	# 67
33) Indeno(1,2,3-cd)pyrene	26.57	276	39001	0.401	ng	94
35) Benzo(b)fluoranthene	23.16	252	39784	0.378	ng	# 96
36) Benzo(k)fluoranthene	23.16	252	39784	0.382	ng	94
37) Benzo(a)pyrene	23.82	252	34628	0.375	ng	96
38) Dibenzo(a,h)anthracene	26.60	278	32567	0.364	ng	# 90
39) Benzo(g,h,i)perylene	27.38	276	33433	0.370	ng	92

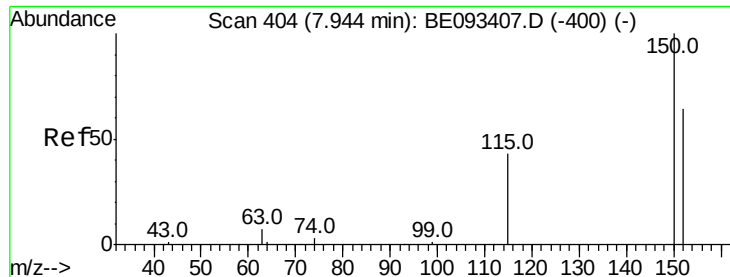
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 03 06:40:23 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.93 min Scan# 403

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

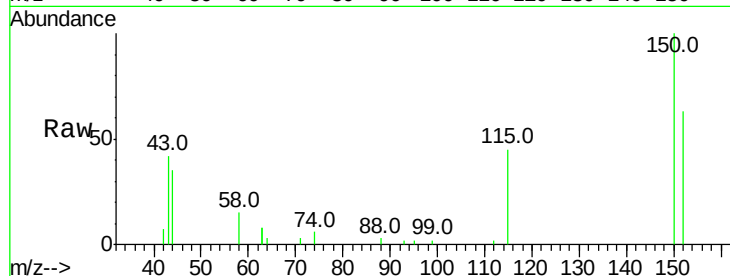
Tot Ion:152 Resp: 4458

Ion Ratio Lower Upper

152 100

150 158.1 125.1 187.7

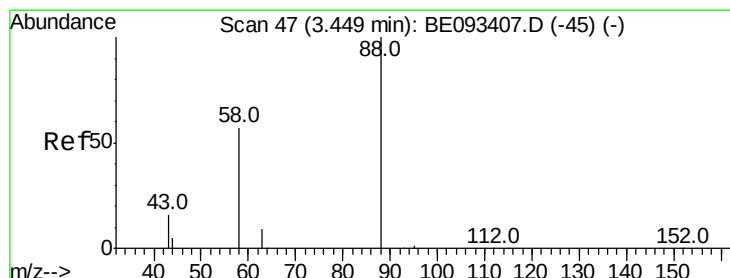
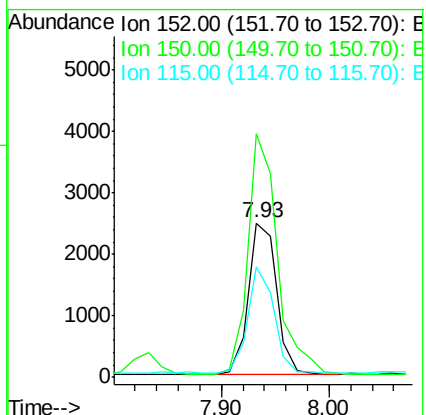
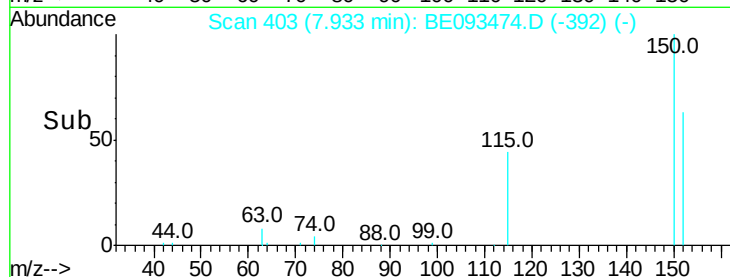
115 71.6 55.7 83.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.422 ng

RT: 3.45 min Scan# 47

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

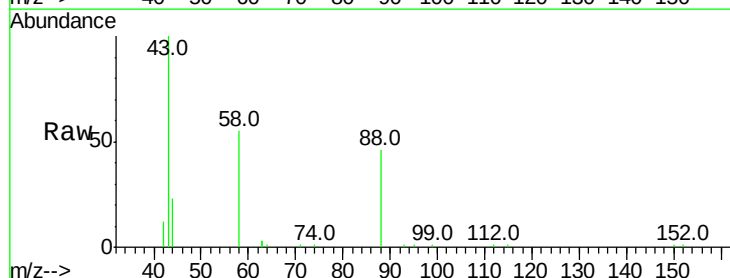
Tgt Ion: 88 Resp: 3986

Ion Ratio Lower Upper

88 100

58 113.9 62.2 93.4#

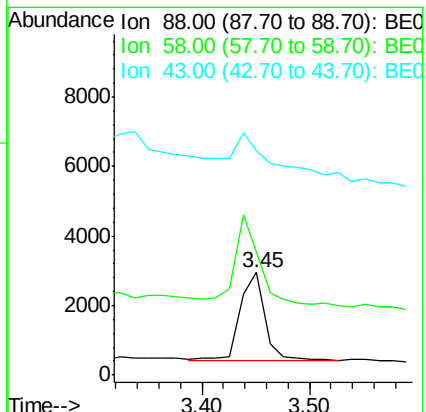
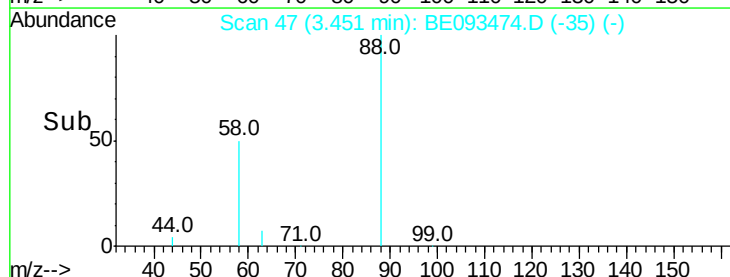
43 93.3 23.2 34.8#

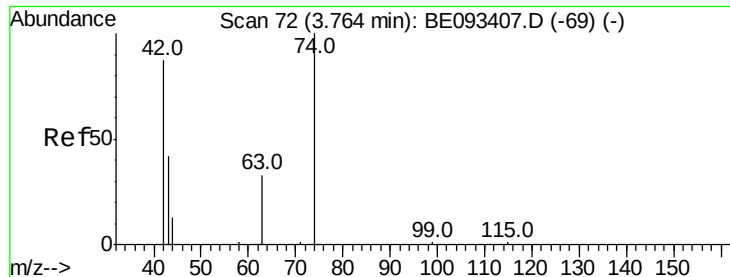


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.222 ng

RT: 3.77 min Scan# 72

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

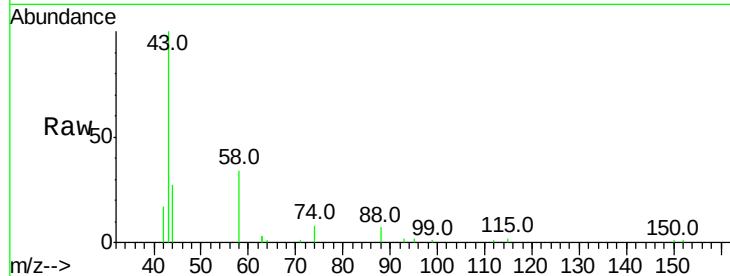
Tot Ion: 42 Resp: 671

Ion Ratio Lower Upper

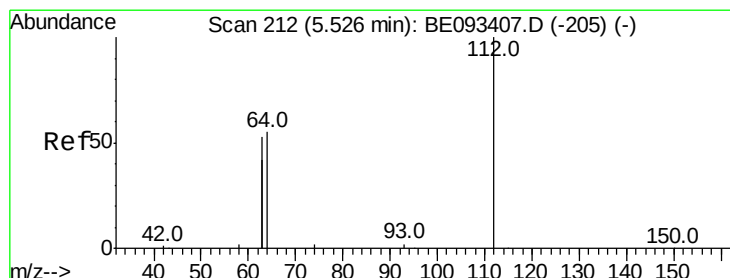
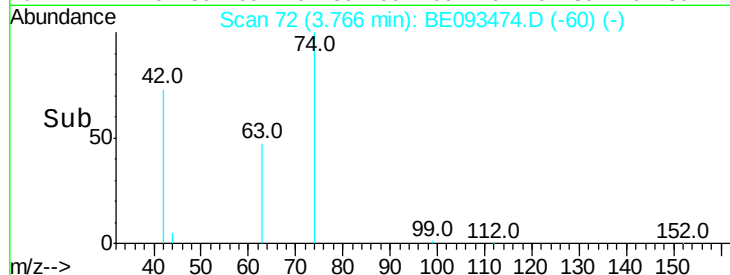
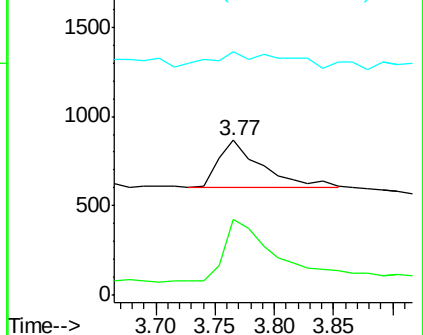
42 100

74 156.5 99.1 148.7#

44 61.7 7.4 11.2#



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: 0.165 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

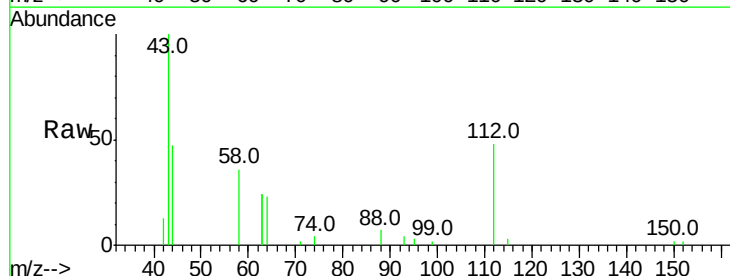
Tgt Ion: 112 Resp: 2219

Ion Ratio Lower Upper

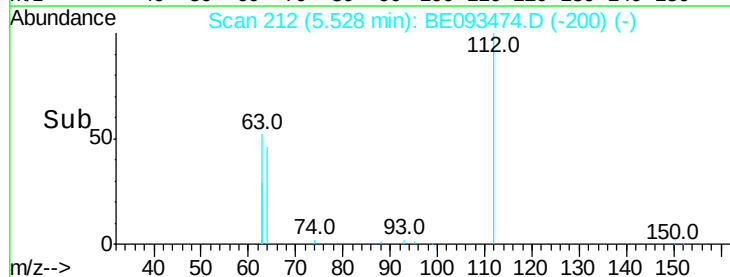
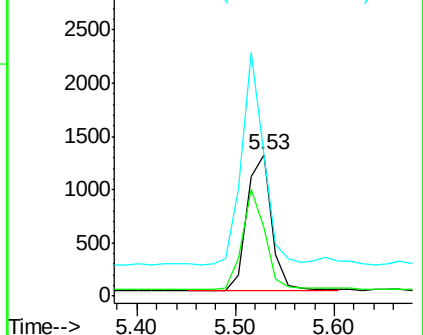
112 100

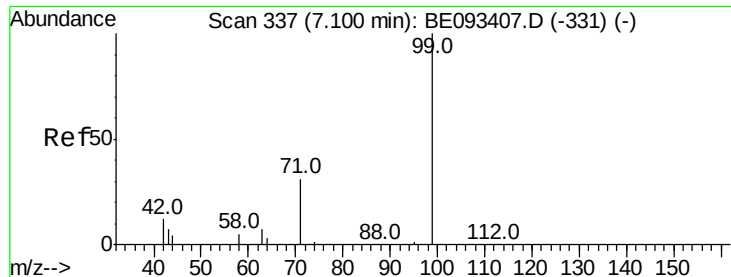
64 68.9 56.4 84.6

63 138.2 29.3 43.9#



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: 0.103 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

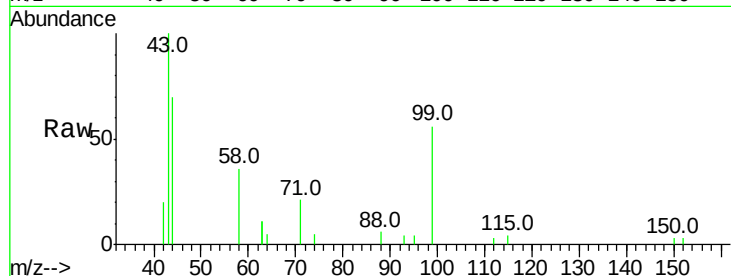
Tot Ion: 99 Resp: 2052

Ion Ratio Lower Upper

99 100

42 24.8 0.0 0.0#

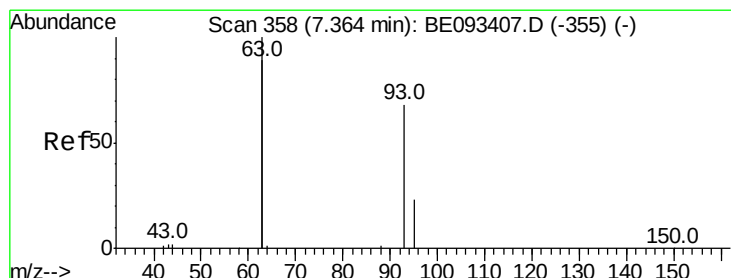
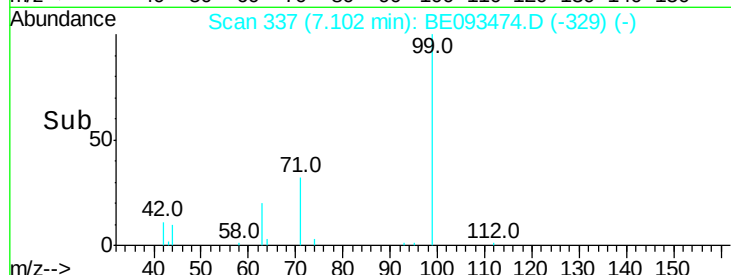
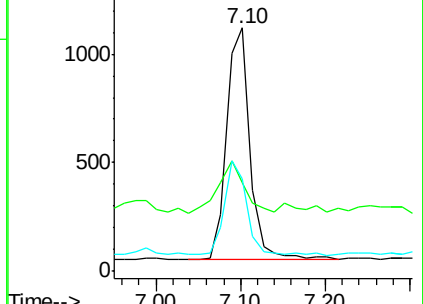
71 37.4 0.0 0.0#



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

bis(2-Chloroethyl)ether

Concen: 0.356 ng

RT: 7.35 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

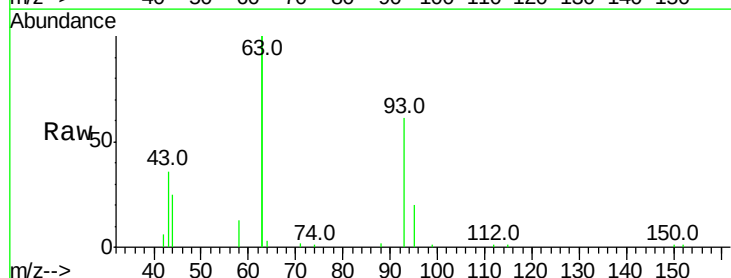
Tgt Ion: 93 Resp: 5310

Ion Ratio Lower Upper

93 100

63 349.1 0.0 0.0#

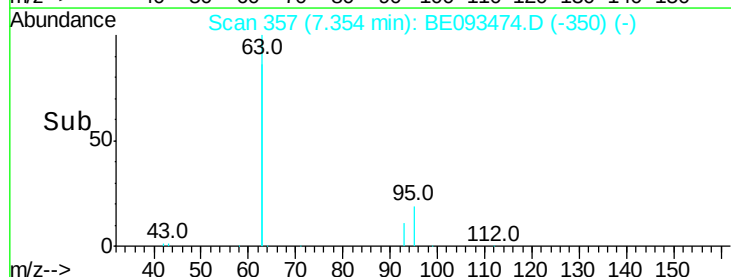
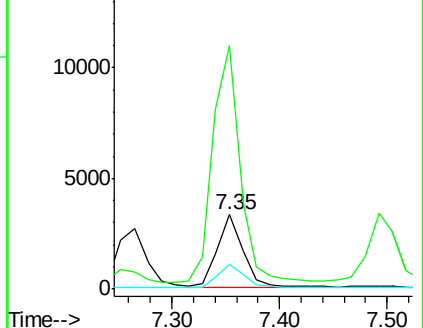
95 32.7 25.4 38.0

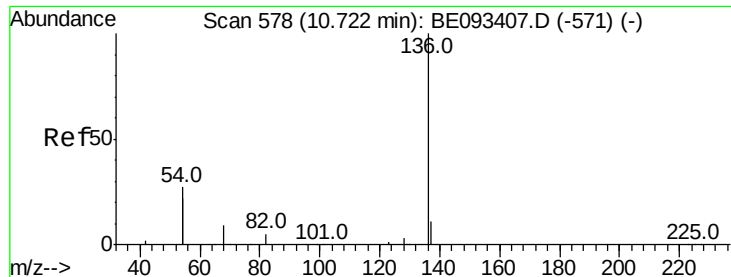


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

Tot Ion:136 Resp: 21197

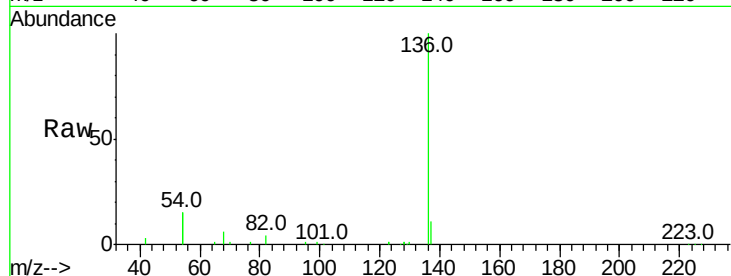
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.8

54 29.3 10.3 15.5#

68 6.2 9.0 13.4#

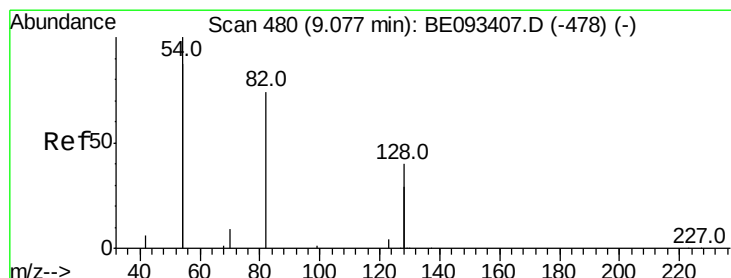
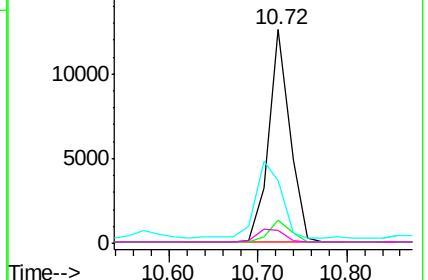
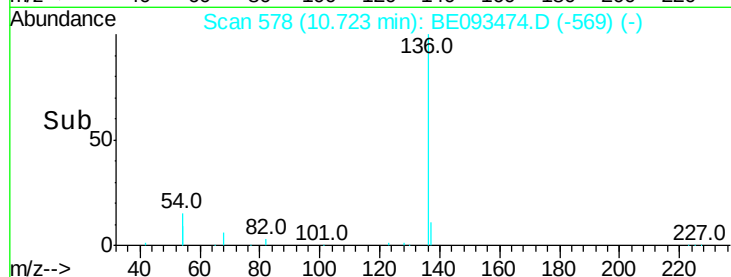


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.418 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

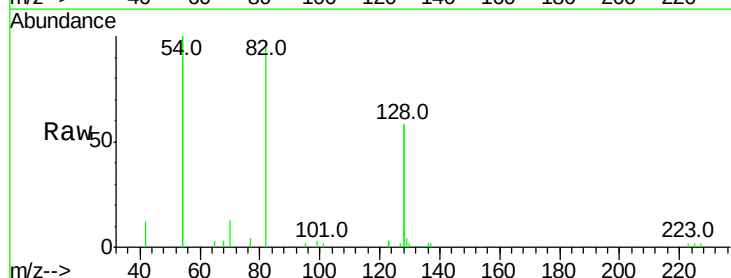
Tgt Ion: 82 Resp: 5659

Ion Ratio Lower Upper

82 100

128 118.8 17.0 25.4#

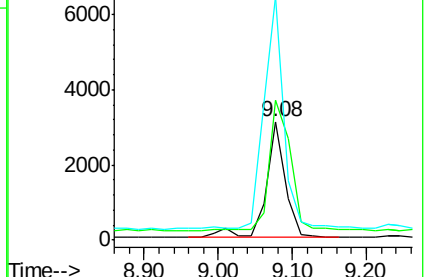
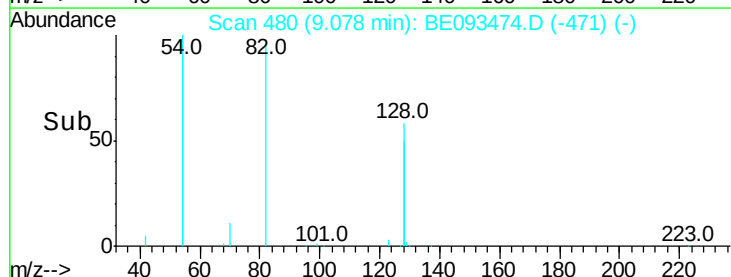
54 205.8 53.8 80.6#

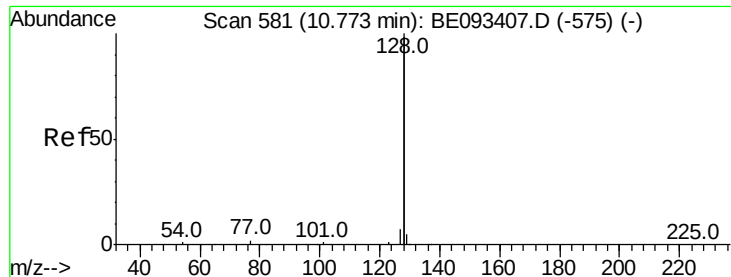


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.353 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

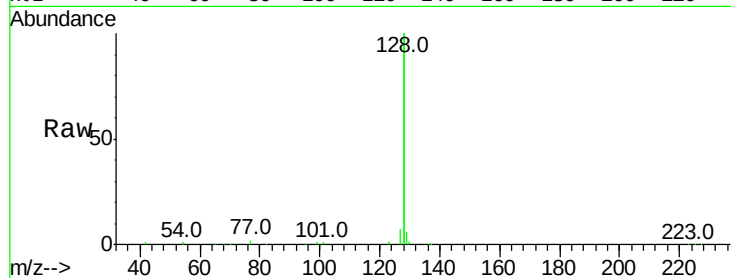
Tot Ion:128 Resp: 78443

Ion Ratio Lower Upper

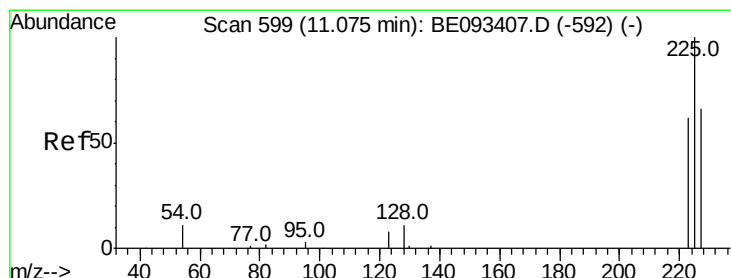
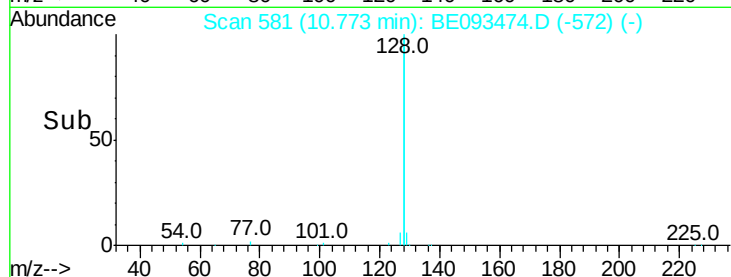
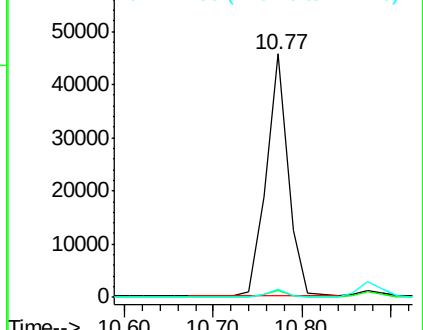
128 100

129 2.9 11.4 17.0#

127 3.4 11.2 16.8#



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: 0.327 ng

RT: 11.06 min Scan# 598

Delta R.T. -0.02 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

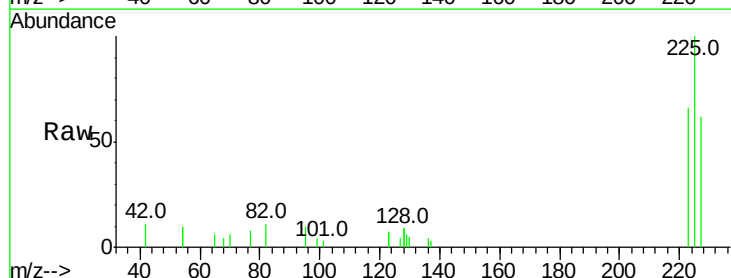
Tgt Ion:225 Resp: 2752

Ion Ratio Lower Upper

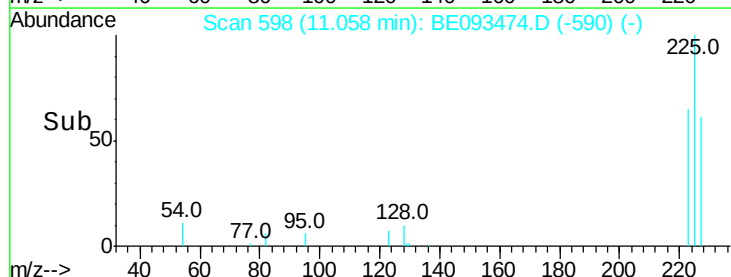
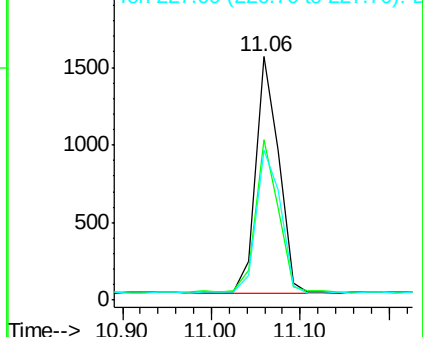
225 100

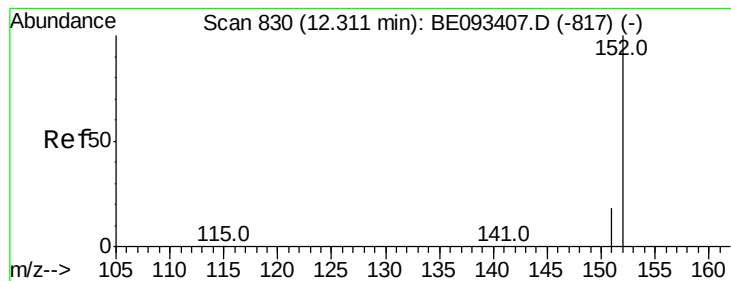
223 63.6 49.7 74.5

227 64.2 50.3 75.5



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: 0.364 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

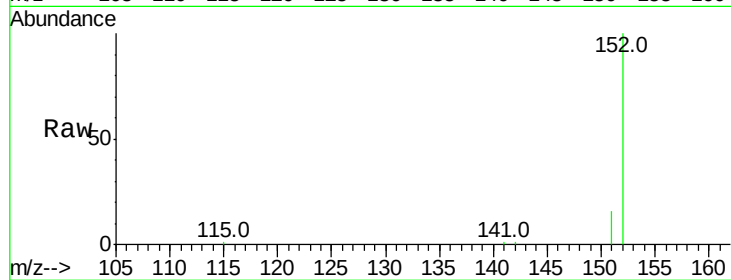
EFFLUENT-20170710MSD

Tot Ion:152 Resp: 12307

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

8000

6000

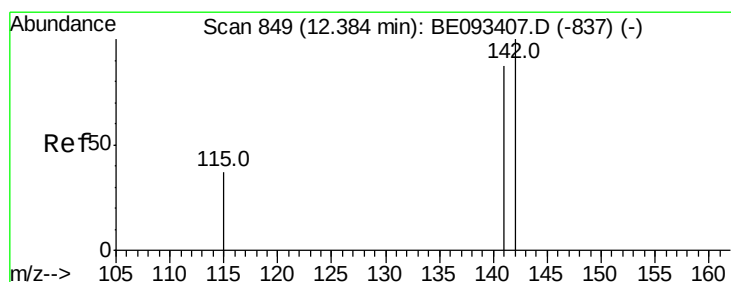
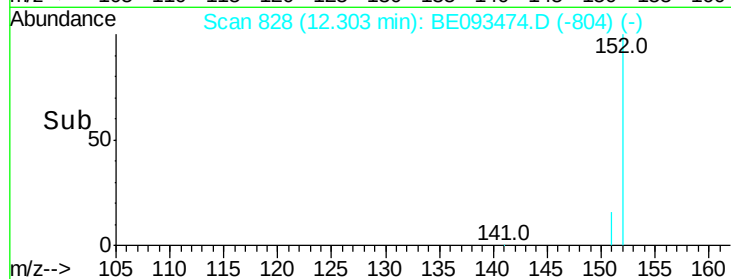
4000

2000

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.385 ng

RT: 12.38 min Scan# 847

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

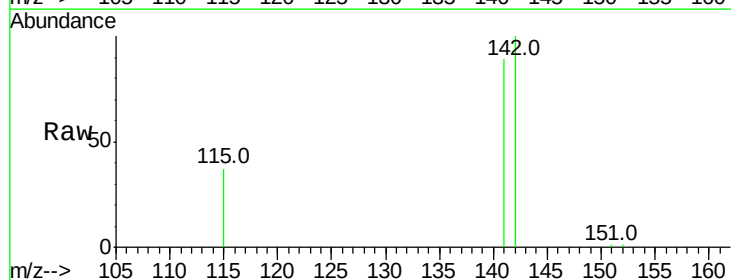
Tgt Ion:142 Resp: 14340

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8

115 36.5 32.2 48.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12000

10000

8000

6000

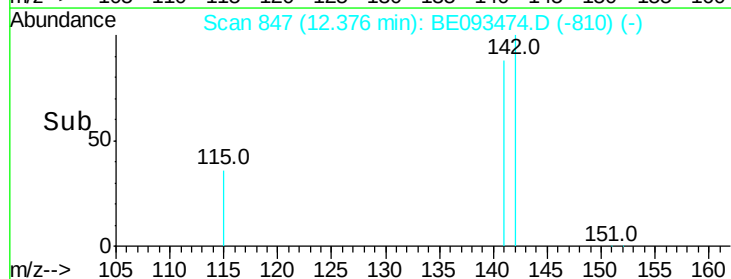
4000

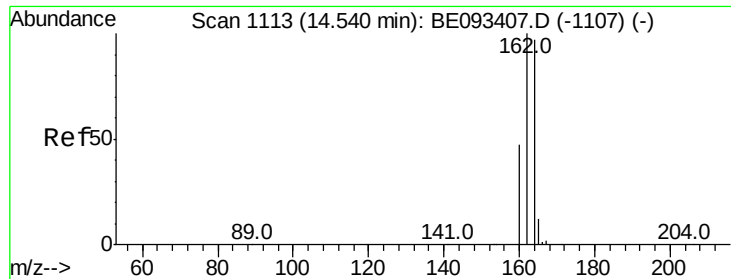
2000

0

12.30 12.35 12.40 12.45

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

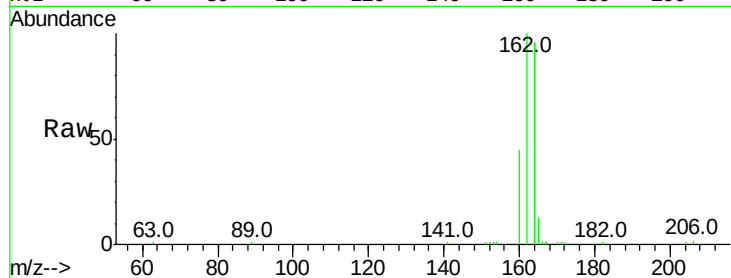
BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

Tot Ion:164 Resp: 13739

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.6	127.0
160	46.5	41.8	62.6

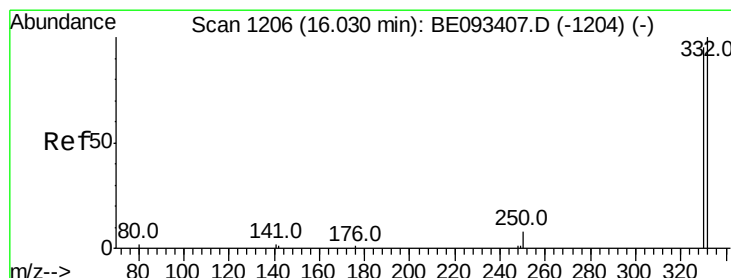
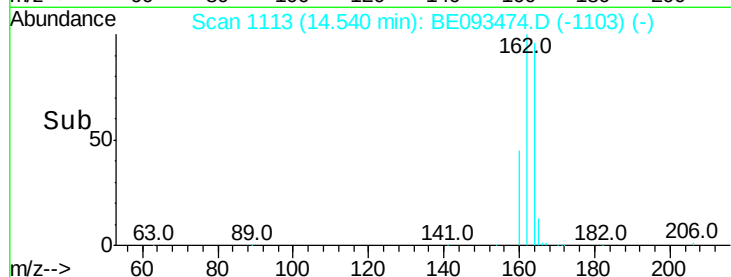
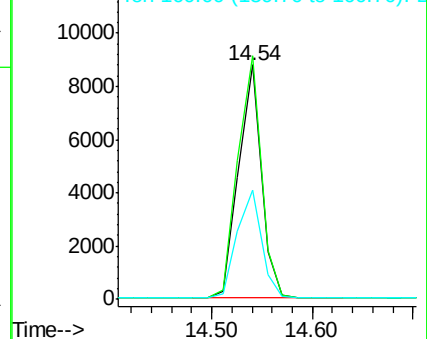


Abundance

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: 0.215 ng

RT: 16.03 min Scan# 1206

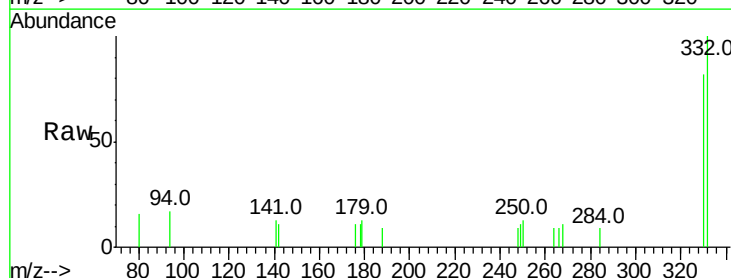
Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Tgt Ion:330 Resp: 927

Ion	Ratio	Lower	Upper
330	100		
332	117.5	77.7	116.5#
141	0.0	56.2	84.4#

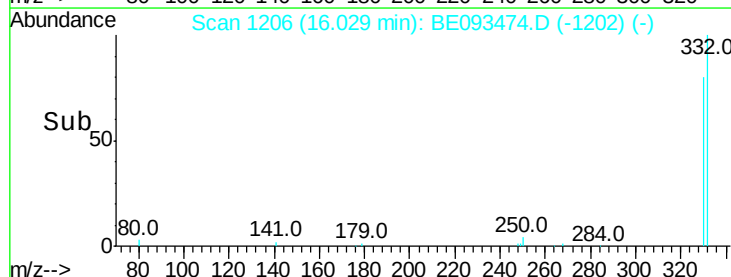
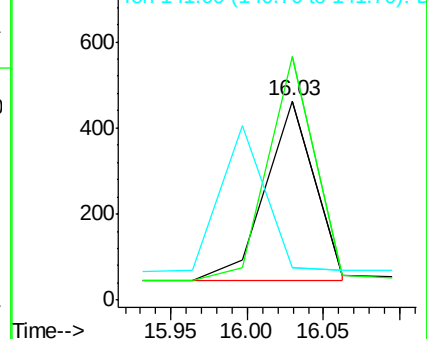


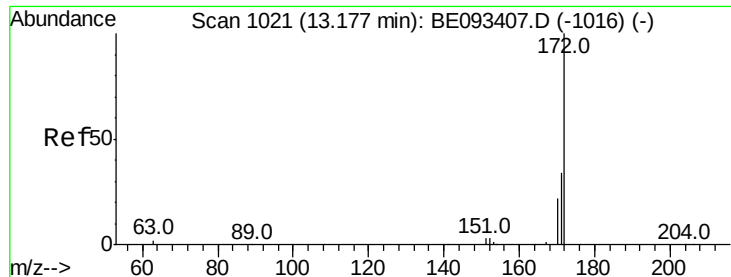
Abundance

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

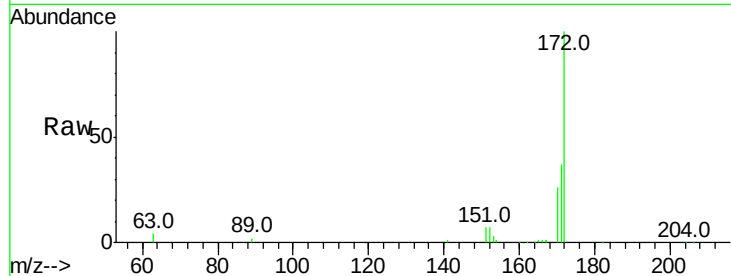




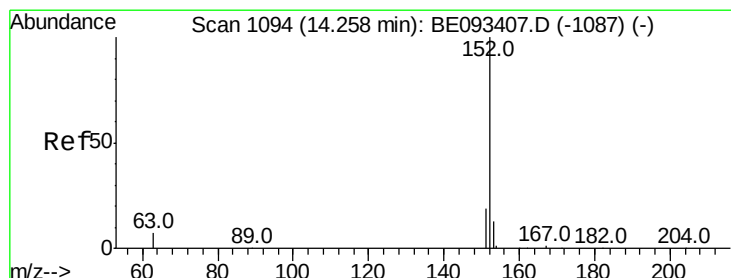
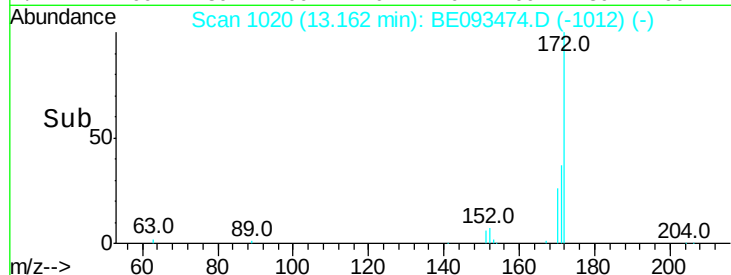
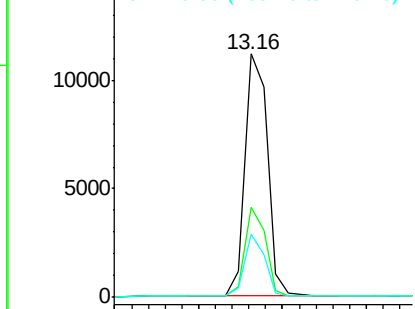
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093474.D
Acq: 14 Jul 2017 18:02

Instrument :
BNA_E
ClientSampleId :
EFFLUENT-20170710MSD

Tot Ion:172 Resp: 20675
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 26.0 20.7 31.1

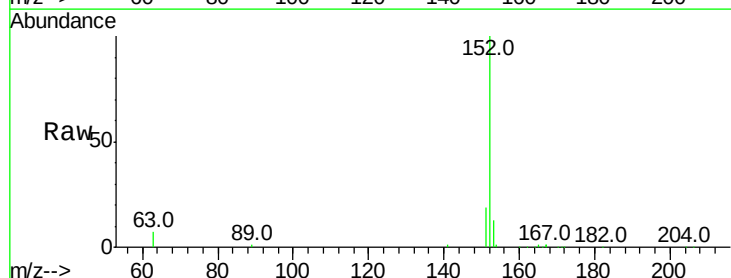


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

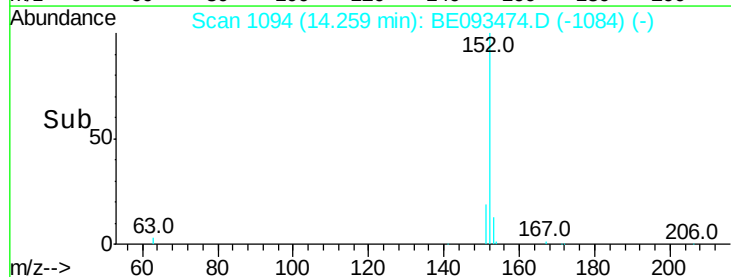
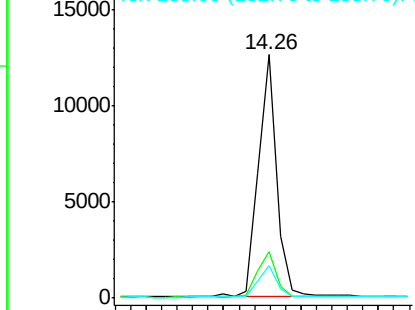


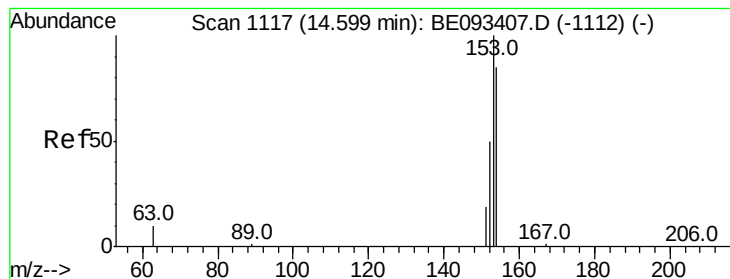
#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.26 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE093474.D
Acq: 14 Jul 2017 18:02

Tgt Ion:152 Resp: 21032
Ion Ratio Lower Upper
152 100
151 19.1 4.0 6.0#
153 13.1 10.3 15.5



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: 0.364 ng

RT: 14.60 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

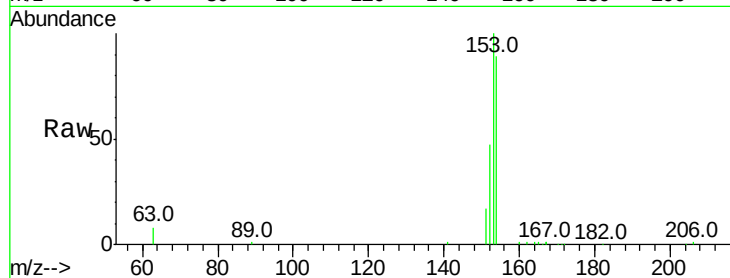
Tot Ion:154 Resp: 15258

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

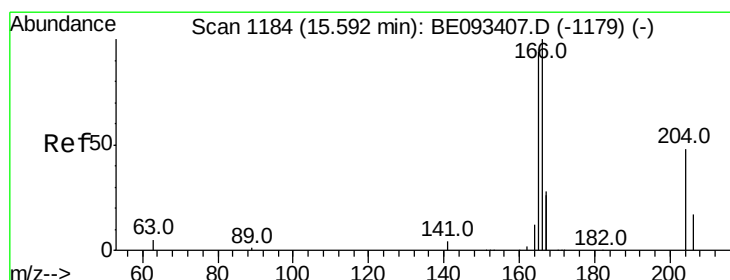
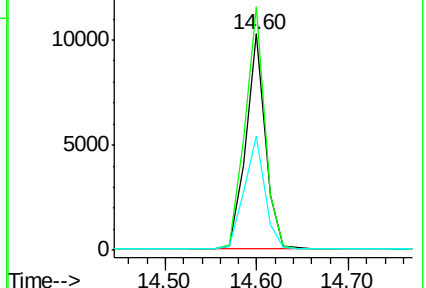
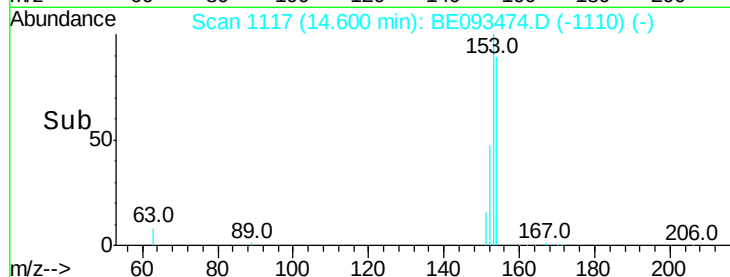
152 55.2 44.8 67.2



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: 0.385 ng

RT: 15.58 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

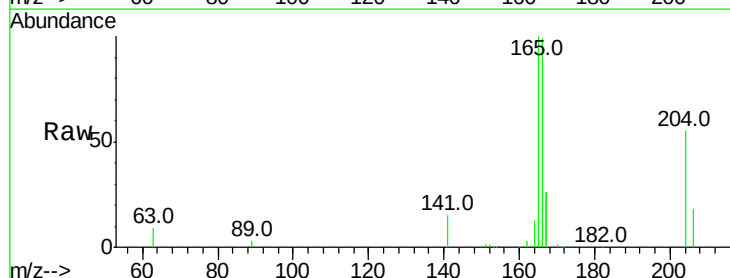
Tgt Ion:166 Resp: 22130

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

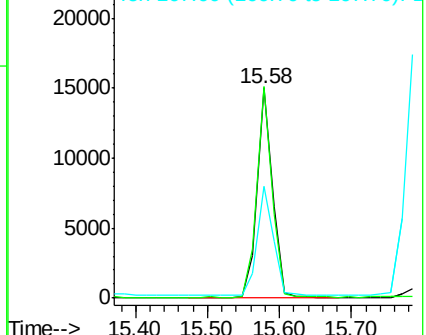
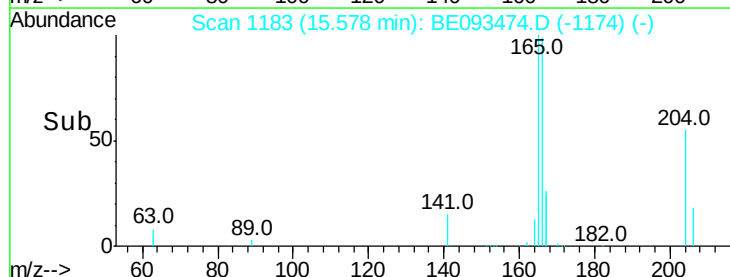
167 54.1 11.1 16.7#

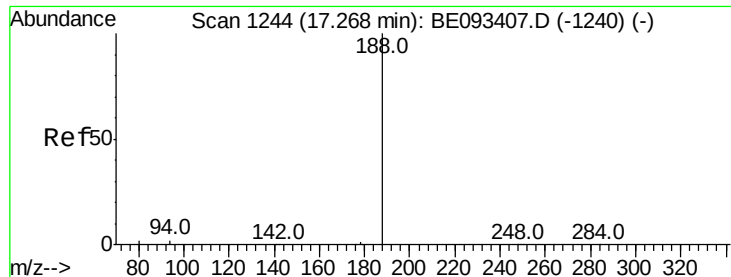


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

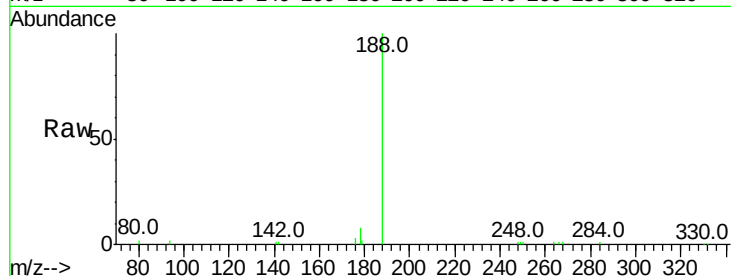
Tot Ion:188 Resp: 25582

Ion Ratio Lower Upper

188 100

94 2.3 11.3 16.9#

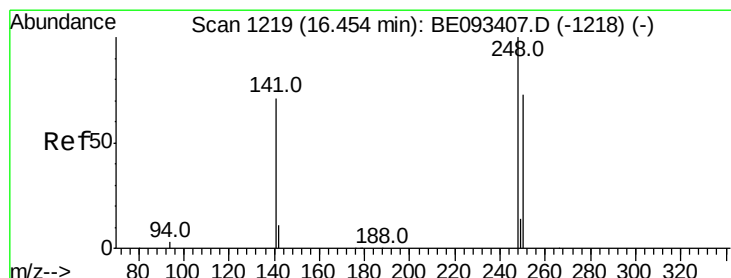
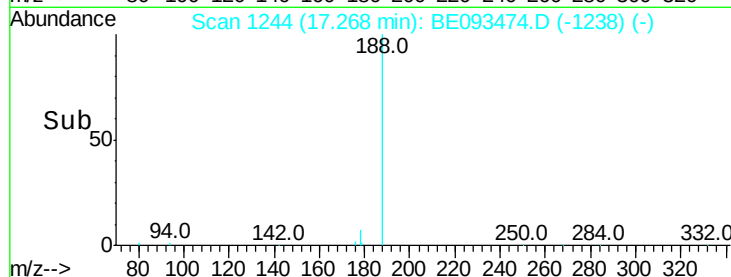
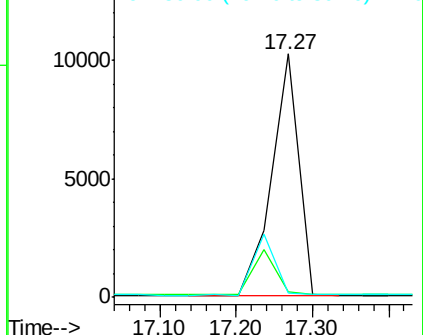
80 1.8 11.7 17.5#



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: 0.652 ng

RT: 16.45 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

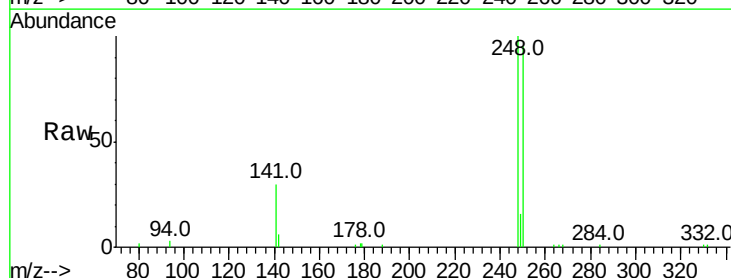
Tgt Ion:248 Resp: 9147

Ion Ratio Lower Upper

248 100

250 95.2 40.8 61.2#

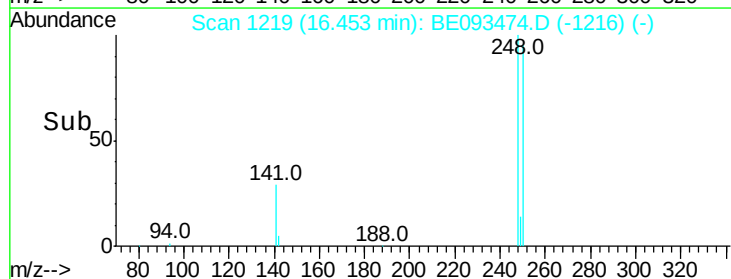
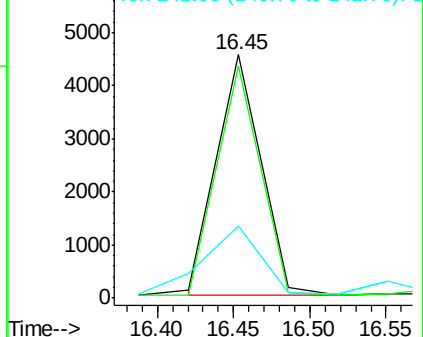
141 29.8 161.6 242.4#

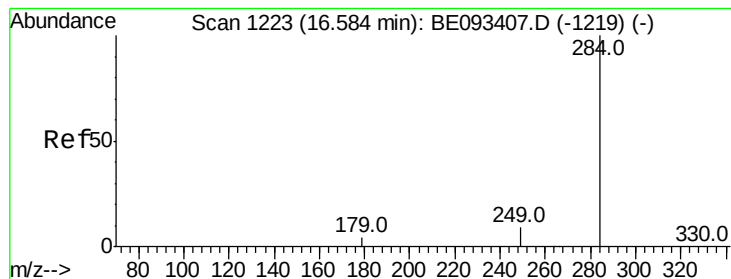


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.488 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

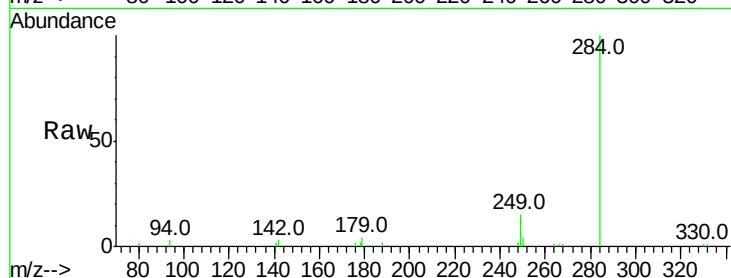
Tot Ion:284 Resp: 7397

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

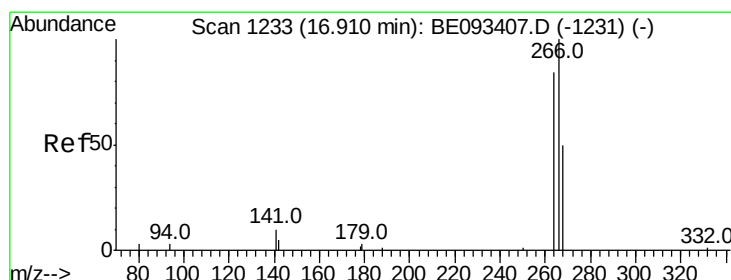
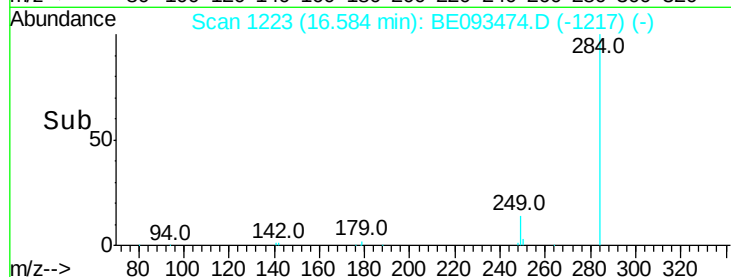
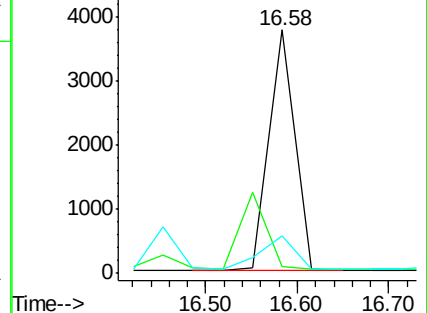
249 18.3 0.0 0.0#



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: 0.615 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

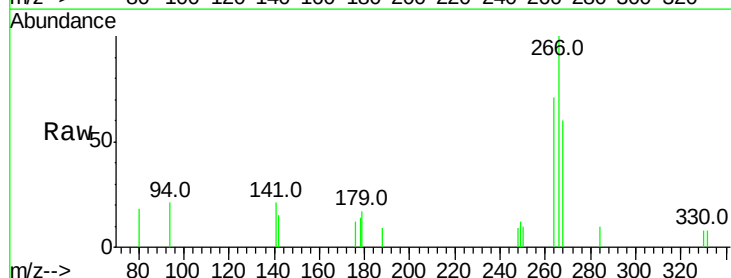
Tgt Ion:266 Resp: 1214

Ion Ratio Lower Upper

266 100

264 70.9 58.2 87.2

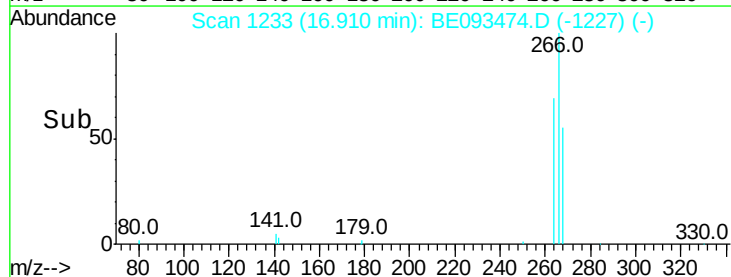
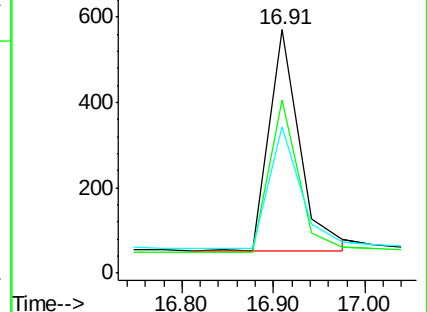
268 59.9 71.9 107.9#

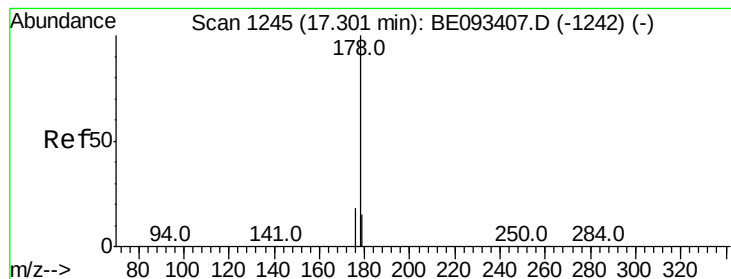


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.429 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

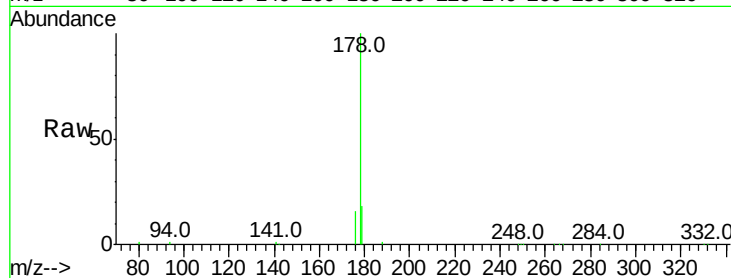
Tot Ion:178 Resp: 39918

Ion Ratio Lower Upper

178 100

176 16.3 15.0 22.4

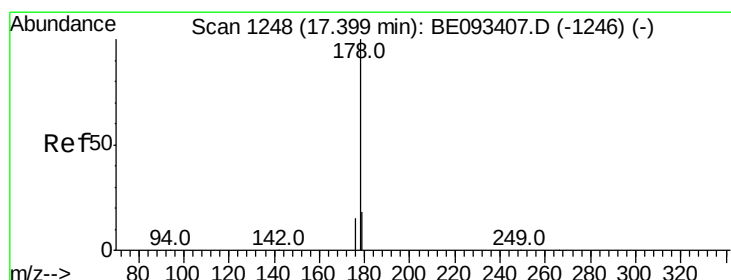
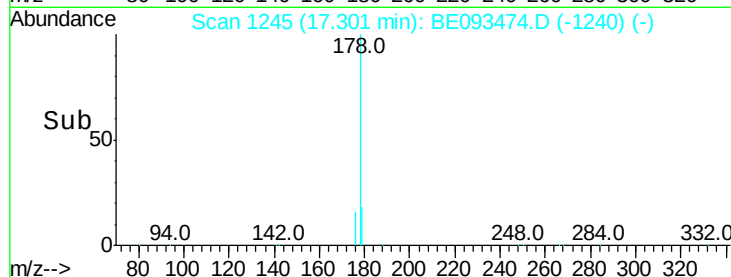
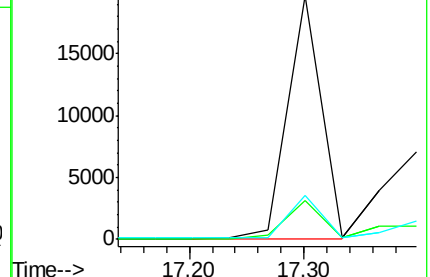
179 17.3 12.7 19.1



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: 0.736 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

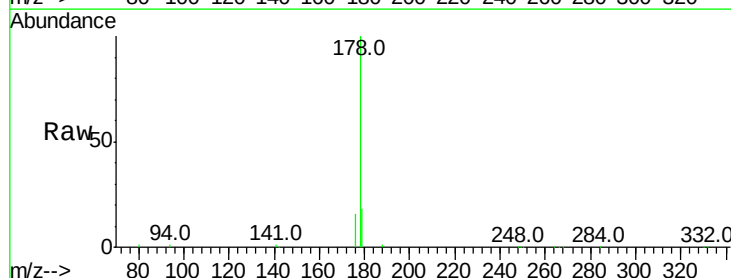
Tgt Ion:178 Resp: 41969

Ion Ratio Lower Upper

178 100

176 23.3 14.6 22.0#

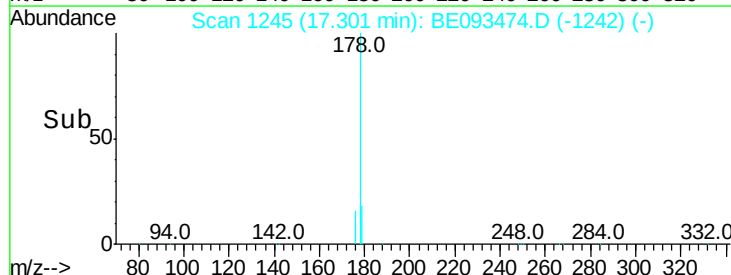
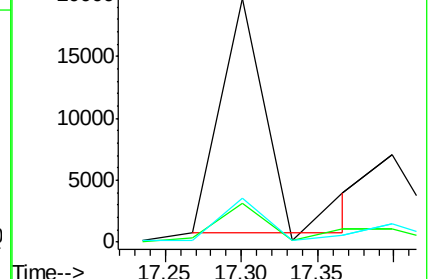
179 17.2 12.0 18.0

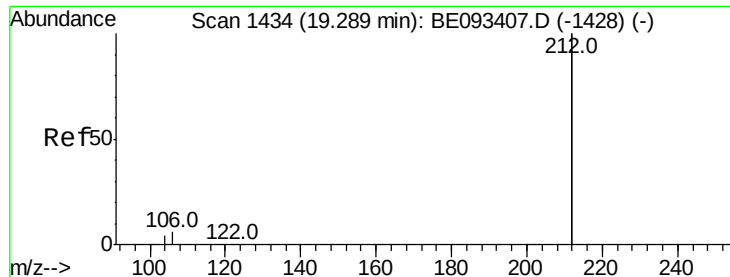


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.478 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

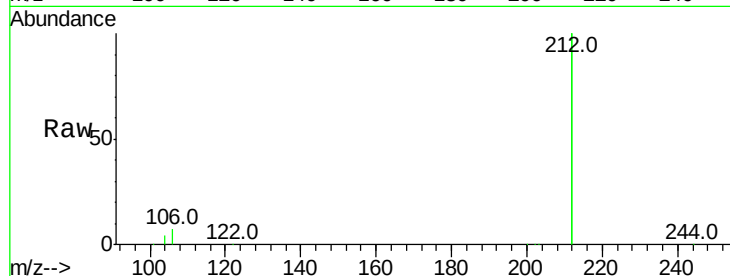
Tot Ion:212 Resp: 147510

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

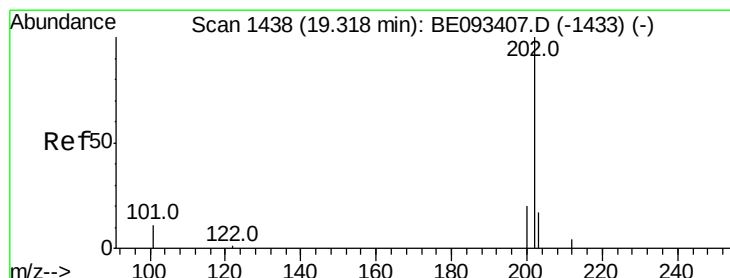
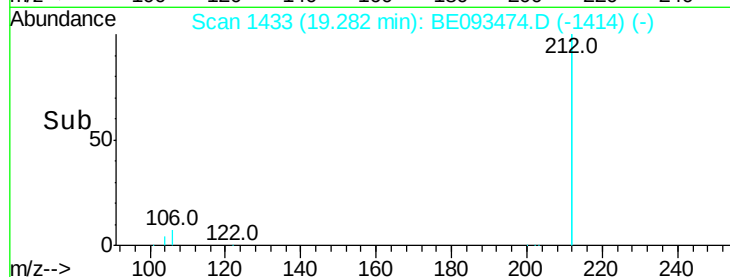
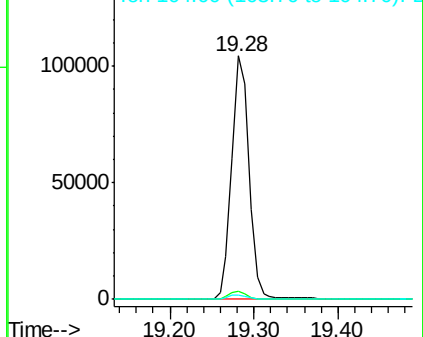
104 2.0 1.6 2.4



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: 0.499 ng

RT: 19.31 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

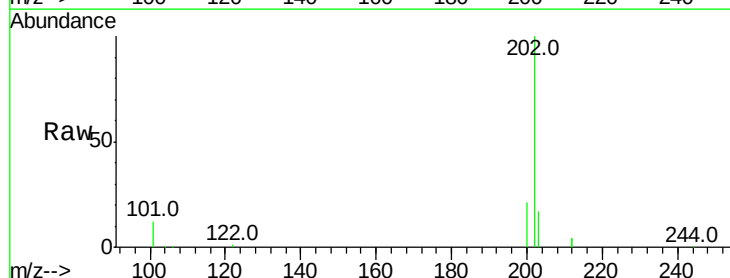
Tgt Ion:202 Resp: 43589

Ion Ratio Lower Upper

202 100

101 11.6 9.6 14.4

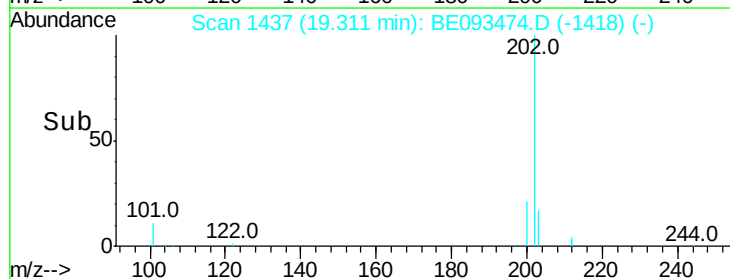
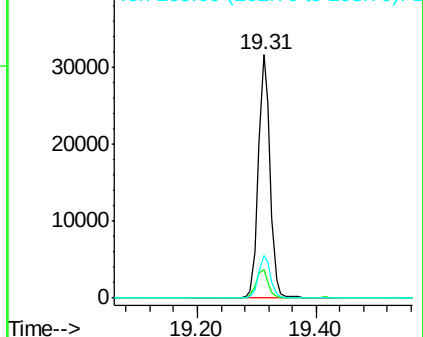
203 17.2 14.4 21.6

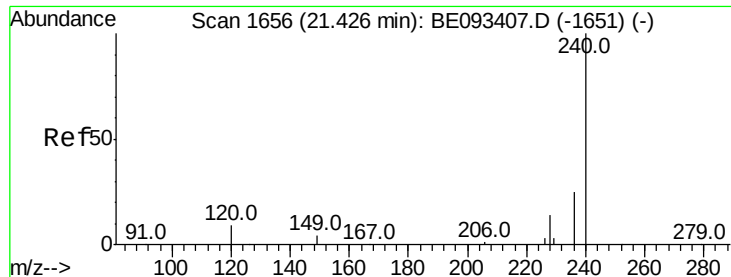


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

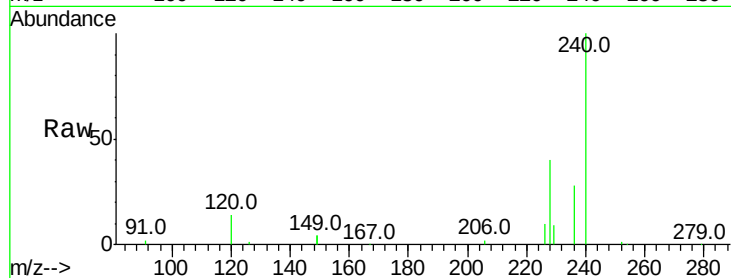
Tot Ion:240 Resp: 39196

Ion Ratio Lower Upper

240 100

120 14.2 4.6 7.0#

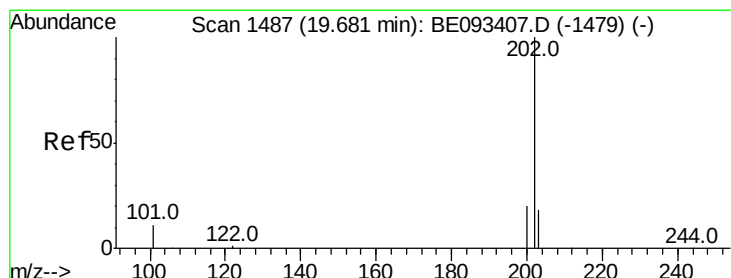
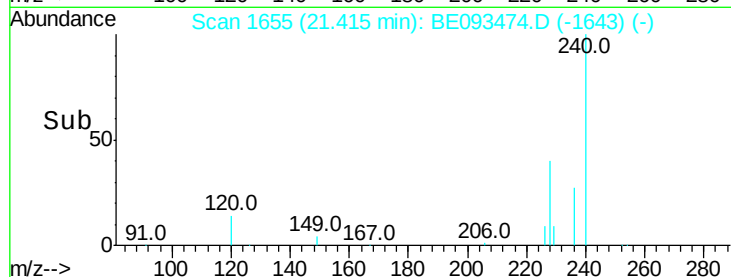
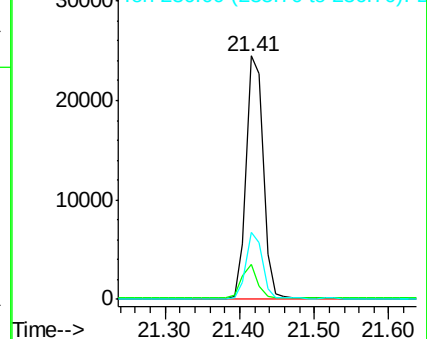
236 27.5 20.8 31.2



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: 0.391 ng

RT: 19.67 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

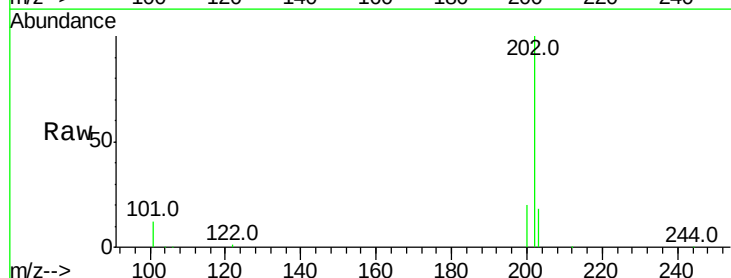
Tgt Ion:202 Resp: 43111

Ion Ratio Lower Upper

202 100

200 21.1 0.0 0.0#

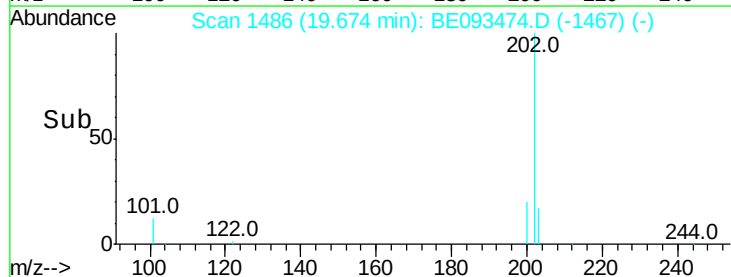
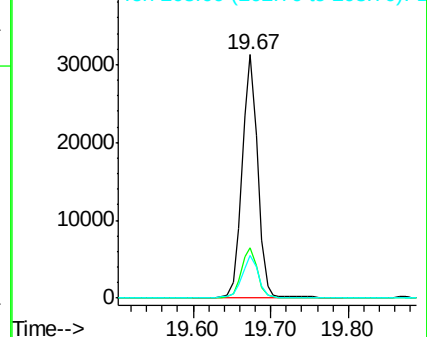
203 18.0 13.7 20.5

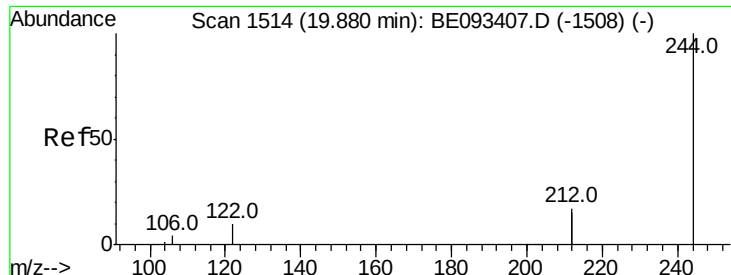


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

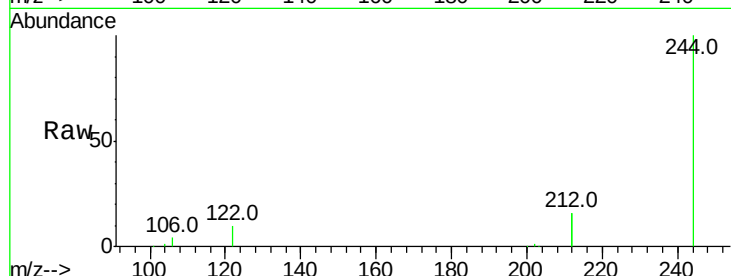
Tot Ion:244 Resp: 28864

Ion Ratio Lower Upper

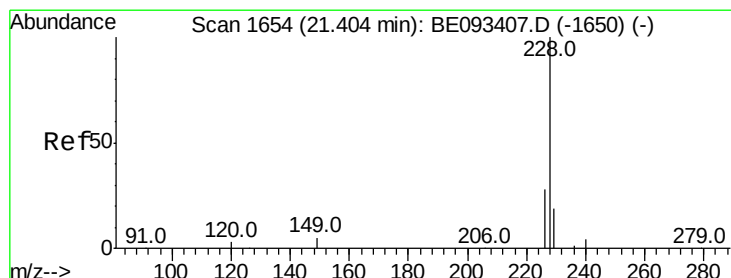
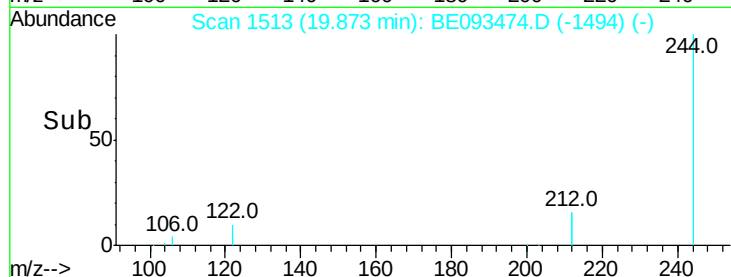
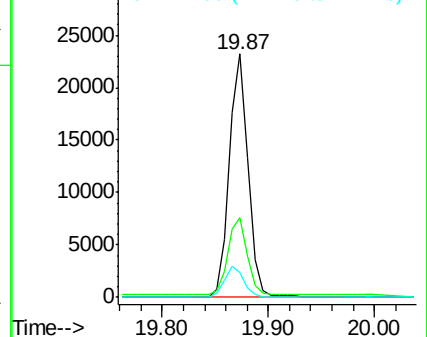
244 100

212 32.7 10.6 16.0#

122 10.2 15.4 23.0#



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: 0.373 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

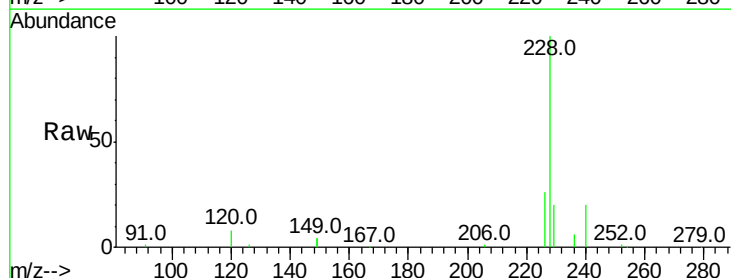
Tgt Ion:228 Resp: 39462

Ion Ratio Lower Upper

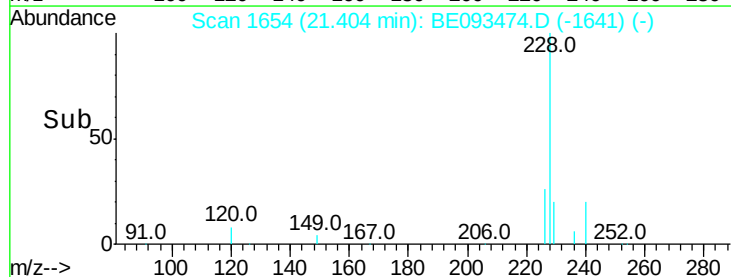
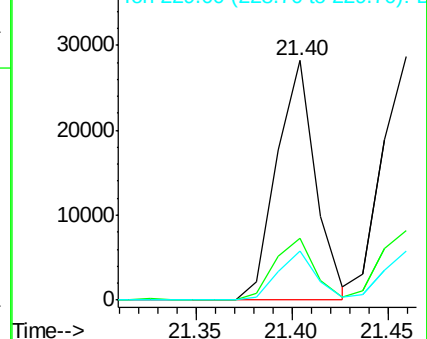
228 100

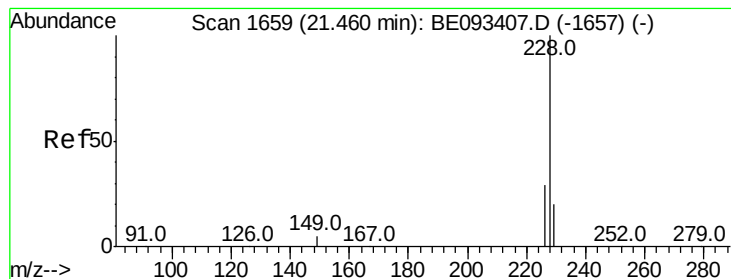
226 26.1 19.7 29.5

229 20.2 19.2 28.8



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





#31

Chrysene

Concen: 0.371 ng

RT: 21.46 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Instrument :

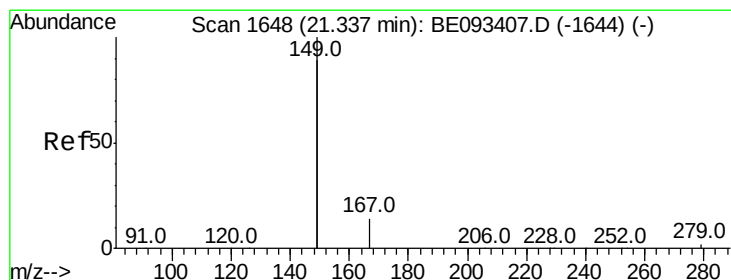
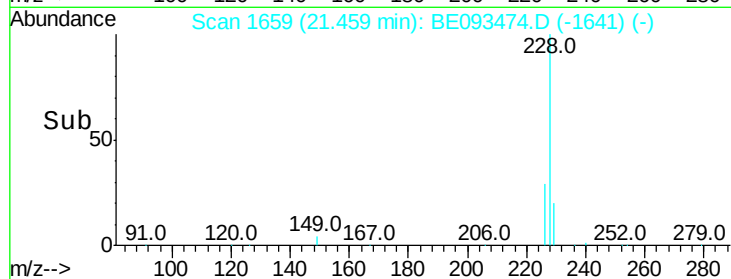
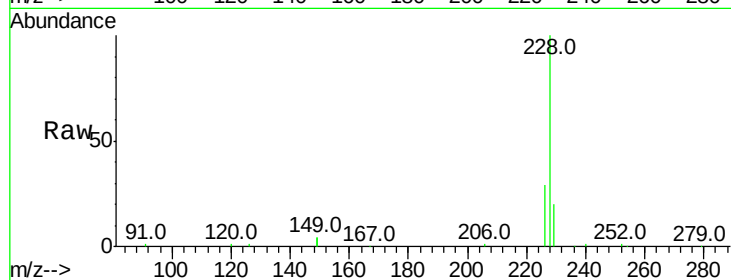
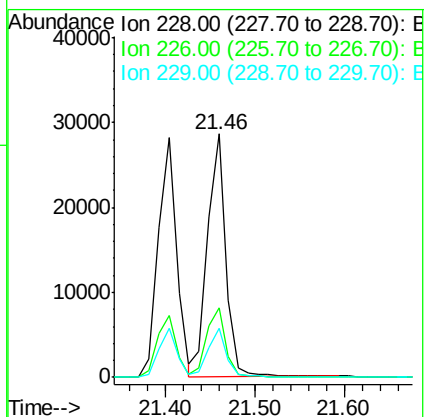
BNA_E

ClientSampleId :

EFFLUENT-20170710MSD

Tot Ion:228 Resp: 41036

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.5	32.3
229	20.0	18.6	28.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.382 ng

RT: 21.33 min Scan# 1647

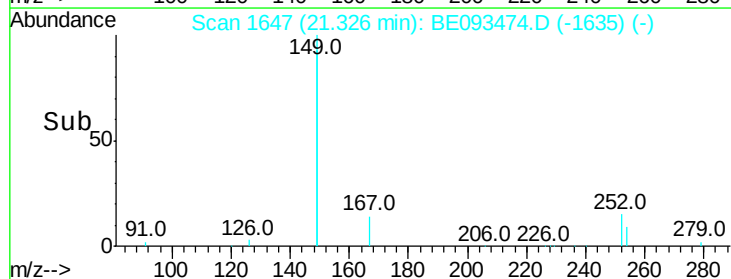
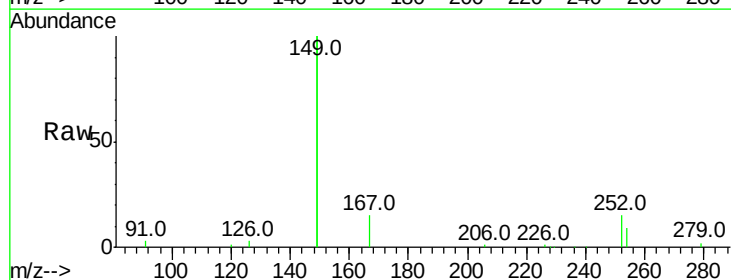
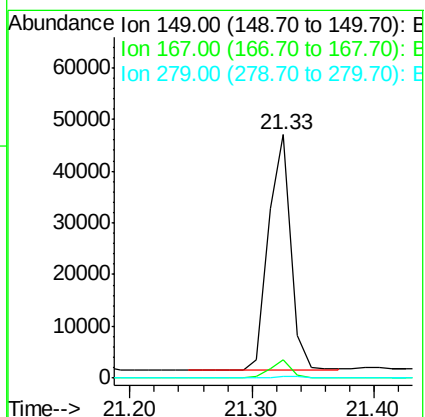
Delta R.T. -0.01 min

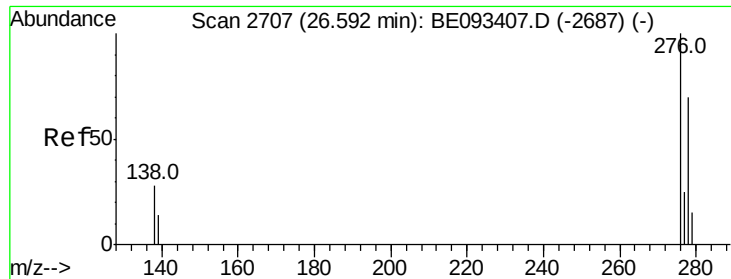
Lab File: BE093474.D

Acq: 14 Jul 2017 18:02

Tgt Ion:149 Resp: 58224

Ion	Ratio	Lower	Upper
149	100		
167	6.8	20.1	30.1#
279	0.9	2.2	3.4#

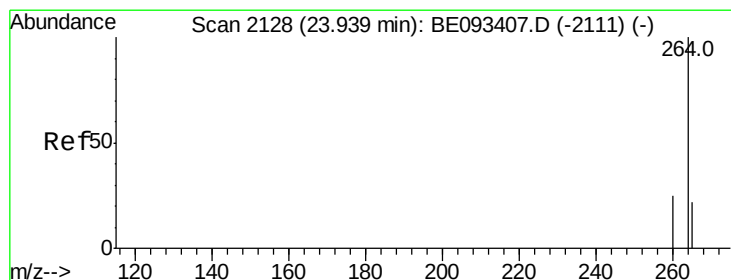
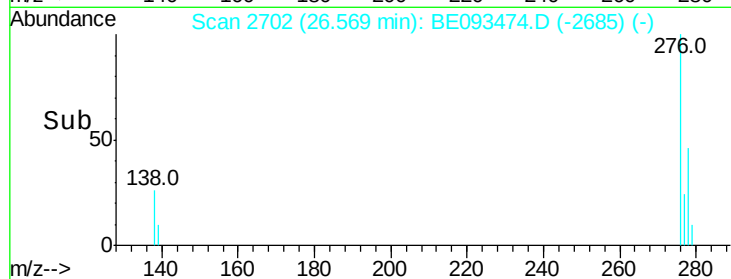
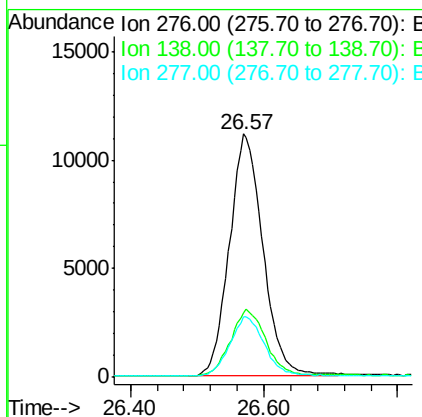
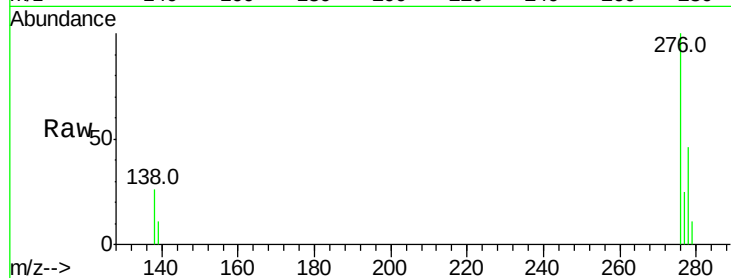




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.401 ng
 RT: 26.57 min Scan# 2702
 Delta R.T. -0.02 min
 Lab File: BE093474.D
 Acq: 14 Jul 2017 18:02

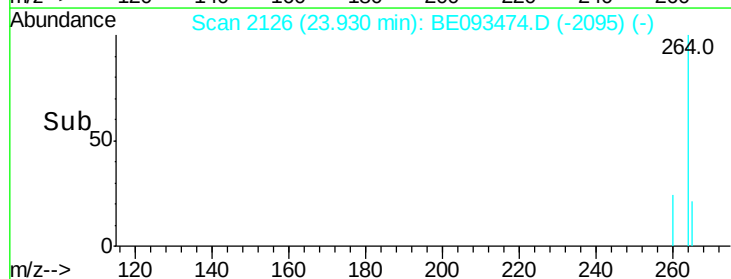
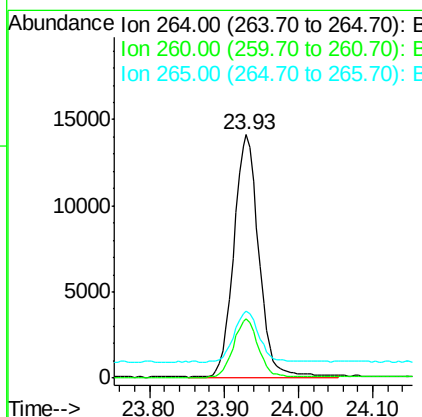
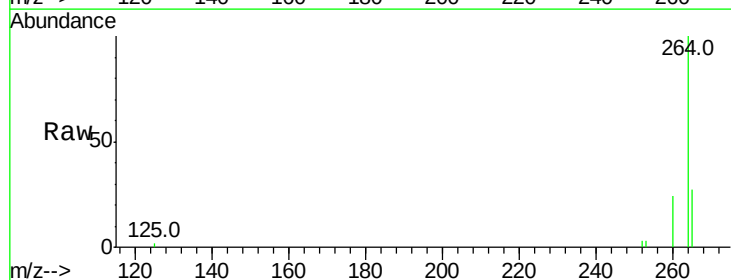
Instrument :
 BNA_E
 ClientSampleId :
 EFFLUENT-20170710MSD

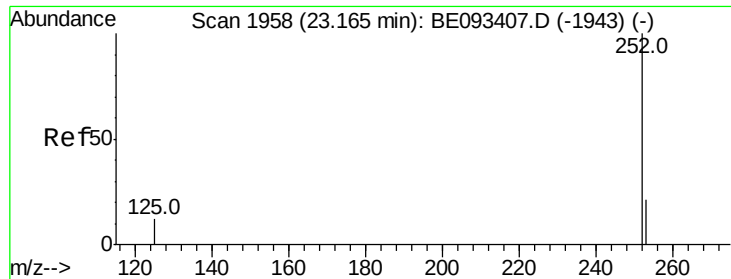
Tot Ion:276 Resp: 39001
 Ion Ratio Lower Upper
 276 100
 138 28.4 27.4 41.2
 277 24.9 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093474.D
 Acq: 14 Jul 2017 18:02

Tgt Ion:264 Resp: 32604
 Ion Ratio Lower Upper
 264 100
 260 24.2 21.0 31.4
 265 27.3 24.6 36.8

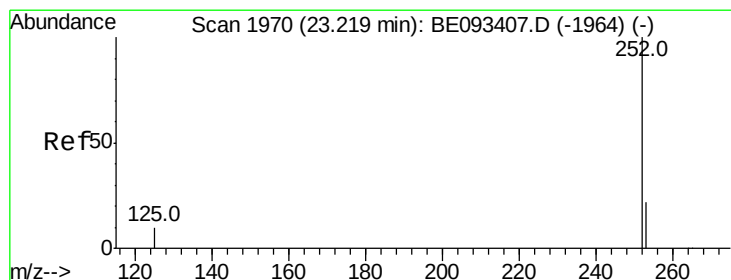
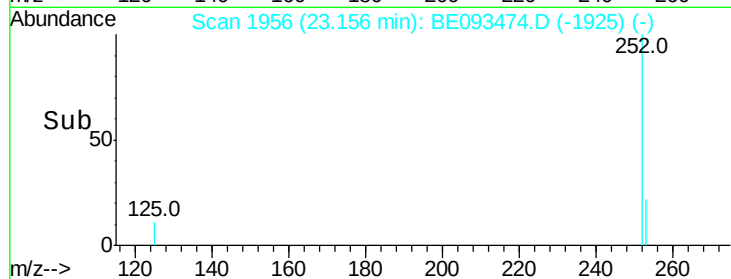
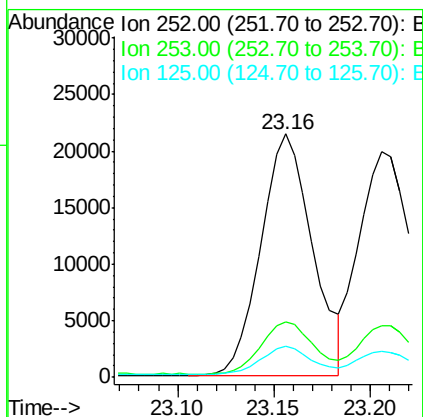
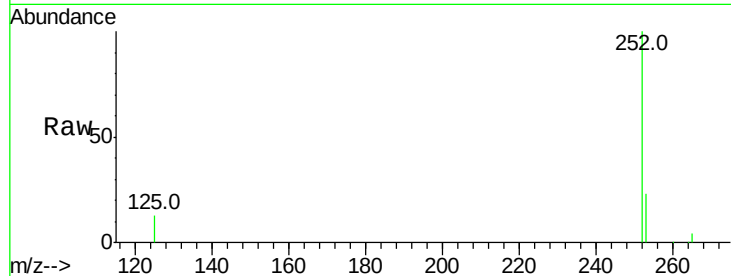




#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.16 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE093474.D
Acq: 14 Jul 2017 18:02

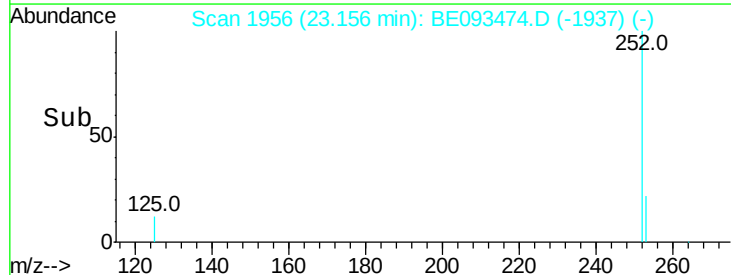
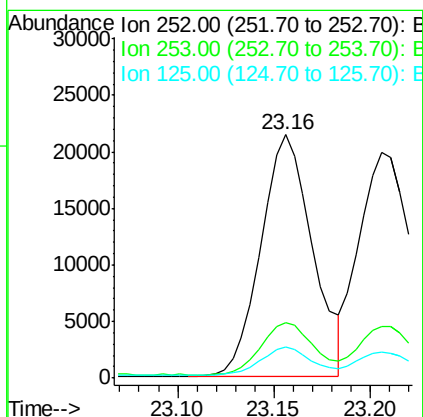
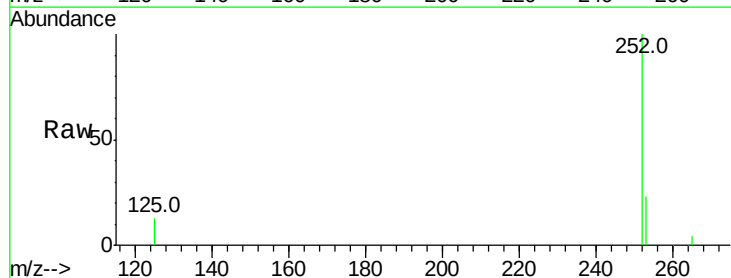
Instrument :
BNA_E
ClientSampleId :
EFFLUENT-20170710MSD

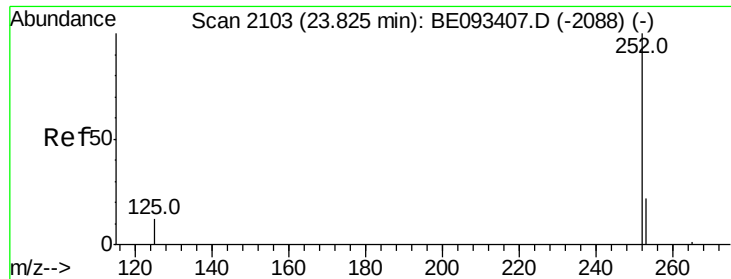
Tot Ion:252 Resp: 39784
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 12.5 13.4 20.0#



#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.16 min Scan# 1956
Delta R.T. -0.06 min
Lab File: BE093474.D
Acq: 14 Jul 2017 18:02

Tgt Ion:252 Resp: 39784
Ion Ratio Lower Upper
252 100
253 22.9 20.3 30.5
125 12.5 12.2 18.4

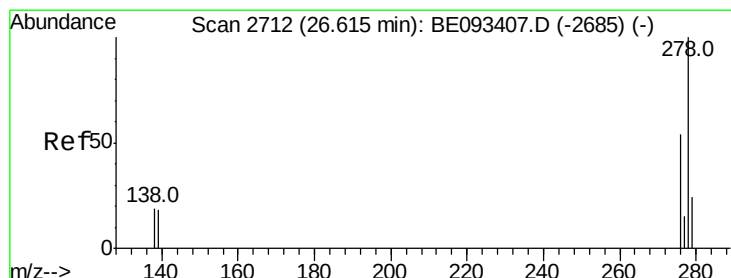
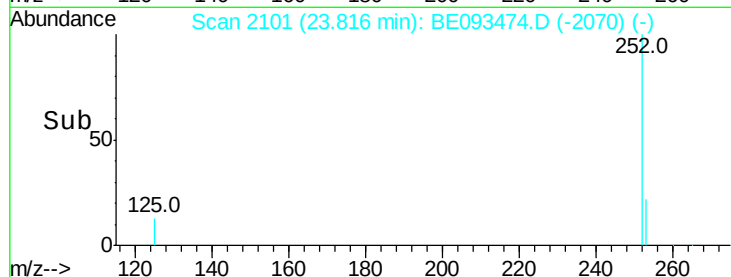
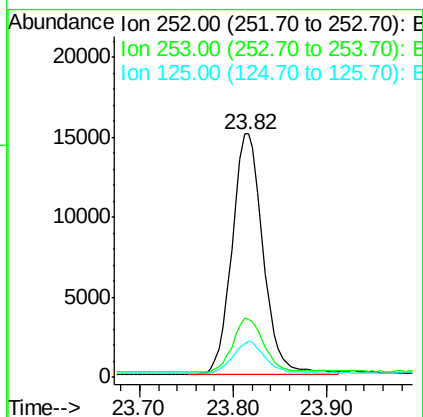
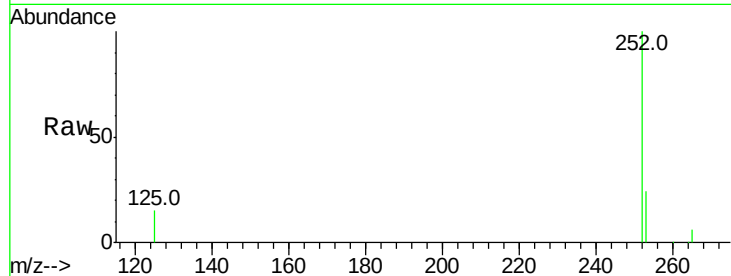




#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.82 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BE093474.D
Acq: 14 Jul 2017 18:02

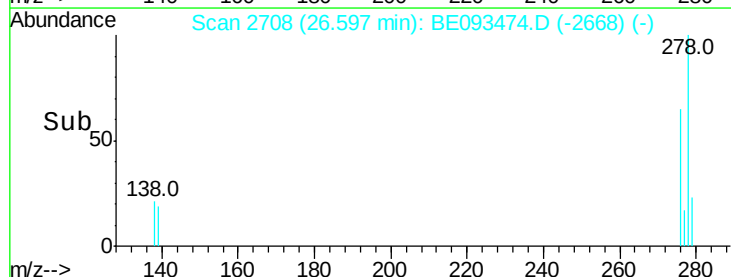
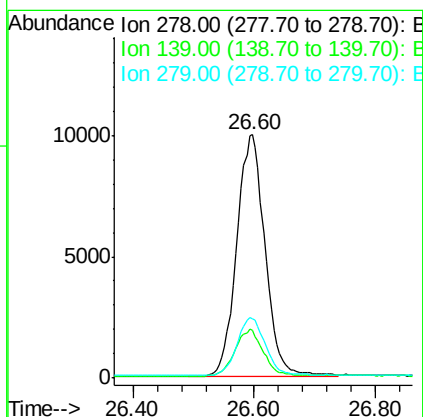
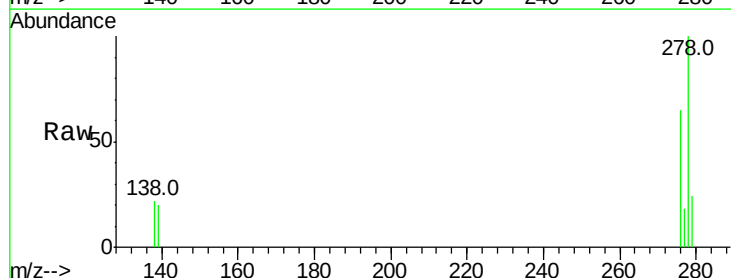
Instrument :
BNA_E
ClientSampleId :
EFFLUENT-20170710MSD

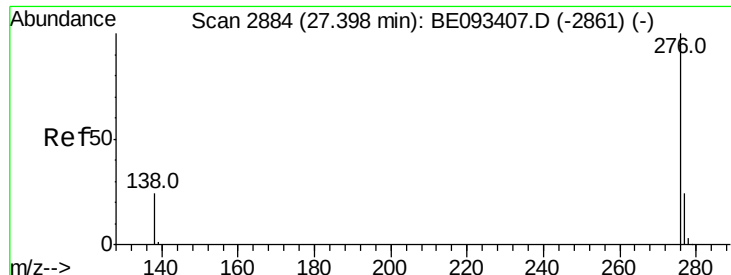
Tot Ion:252 Resp: 34628
Ion Ratio Lower Upper
252 100
253 24.0 19.9 29.9
125 14.8 14.6 21.8



#38
Dibenzo(a,h)anthracene
Concen: 0.364 ng
RT: 26.60 min Scan# 2708
Delta R.T. -0.02 min
Lab File: BE093474.D
Acq: 14 Jul 2017 18:02

Tgt Ion:278 Resp: 32567
Ion Ratio Lower Upper
278 100
139 19.7 21.4 32.0#
279 24.3 22.2 33.2





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.38 min Scan# 2880

Delta R.T. -0.02 min

Lab File: BE093474.D

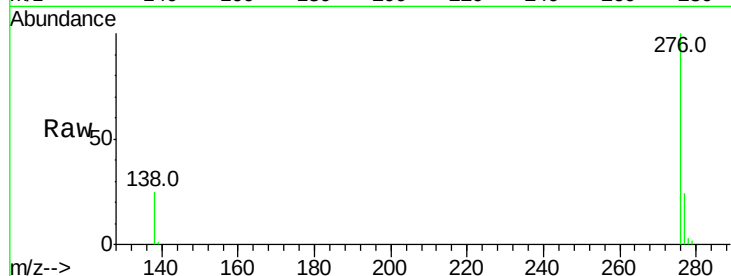
Acq: 14 Jul 2017 18:02

Instrument :

BNA_E

ClientSampleId :

EFFLUENT-20170710MSD



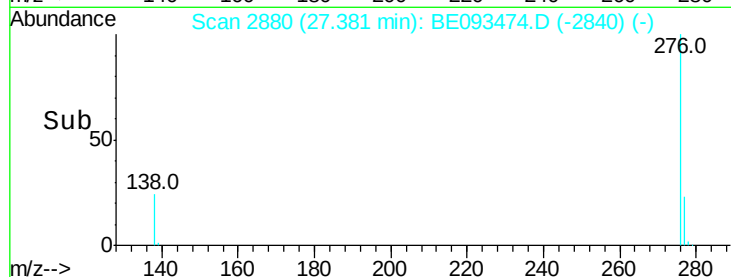
Tot Ion:276 Resp: 33433

Ion Ratio Lower Upper

276 100

277 24.0 21.2 31.8

138 24.9 24.5 36.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

