

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112918\
 Data File : BE098280.D
 Acq On : 29 Nov 2018 18:53
 Operator : SJ/JU
 Sample : J6059-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181120

Quant Time: Nov 30 01:50:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 13:50:43 2018
 Response via : Initial Calibration

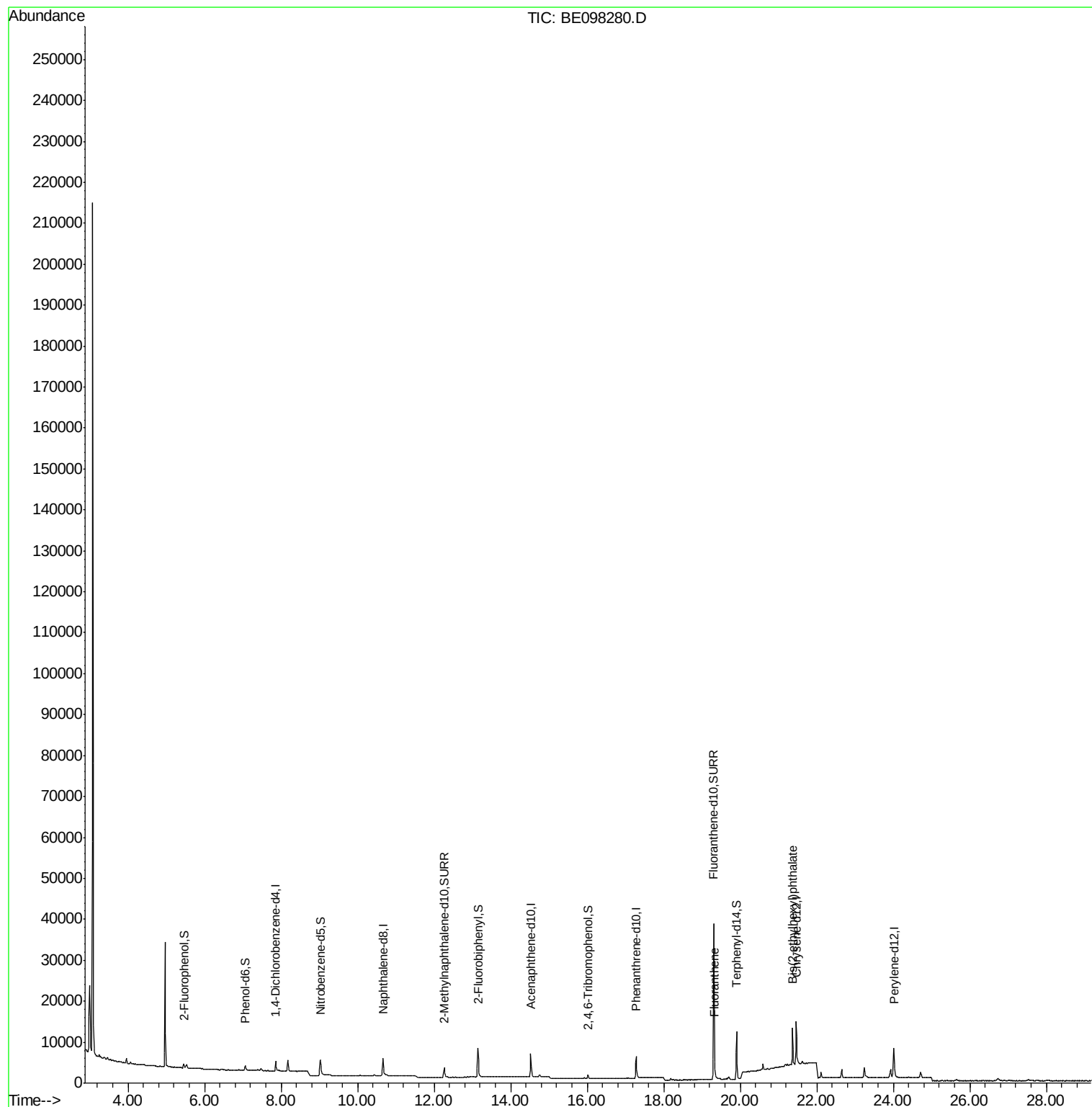
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1421	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5675	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3494	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8423	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11500	0.40	ng	0.00
34) Perylene-d12	24.01	264	11474	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	635	0.17	ng	0.01
5) Phenol-d6	7.05	99	520	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2348	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3802	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	701	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7908	0.55	ng	0.00
25) Fluoranthene-d10	19.31	212	54286	0.48	ng	0.00
29) Terphenyl-d14	19.91	244	11103	0.43	ng	0.00
Target Compounds						
26) Fluoranthene	19.34	202	574	0.020	ng	Qvalue # 89
32) Bis(2-ethylhexyl)phthalate	21.37	149	10285	0.127	ng	100

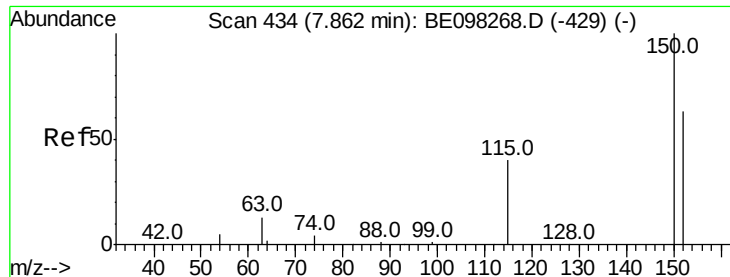
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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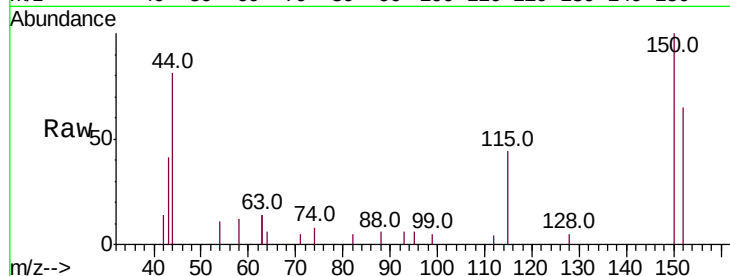


#1

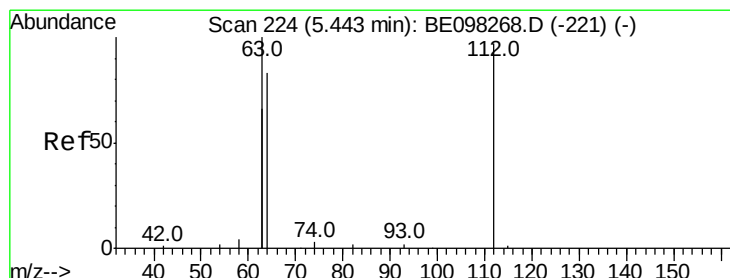
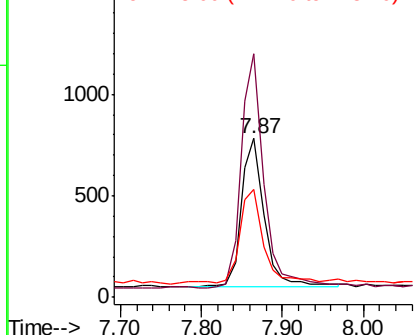
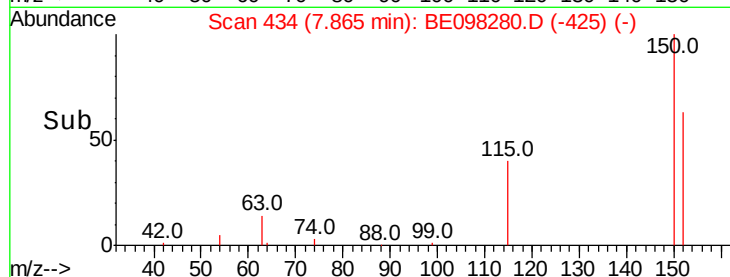
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.87 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181120

Tot Ion:152 Resp: 1421
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.2 186.4
 115 67.7 53.9 80.9



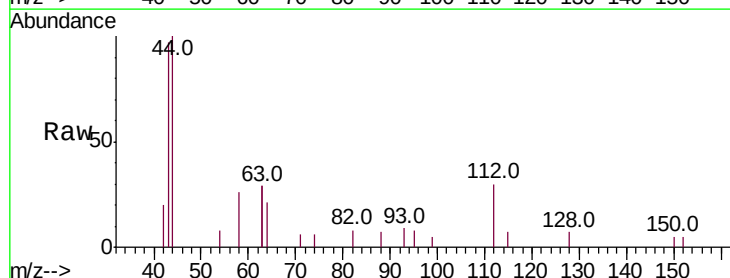
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



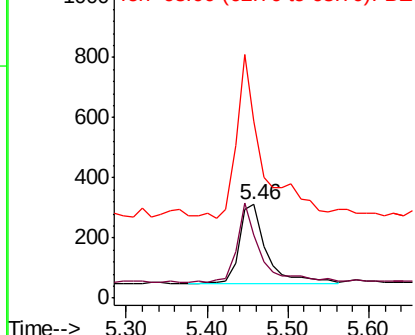
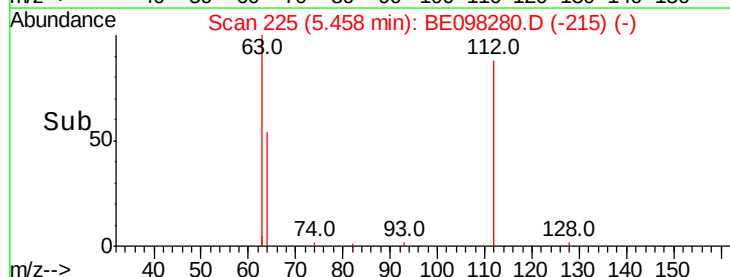
#4

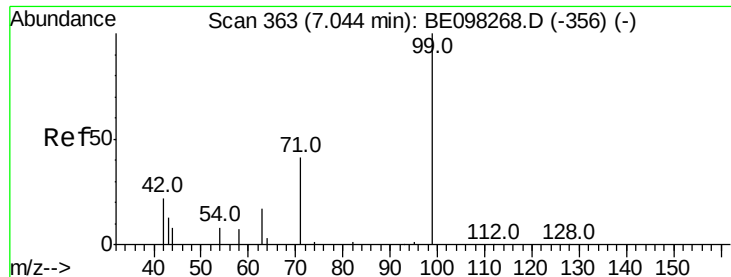
2-Fluorophenol
 Concen: 0.167 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Tgt Ion:112 Resp: 635
 Ion Ratio Lower Upper
 112 100
 64 86.5 59.8 89.8
 63 181.3 133.7 200.5



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: 0.097 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181120

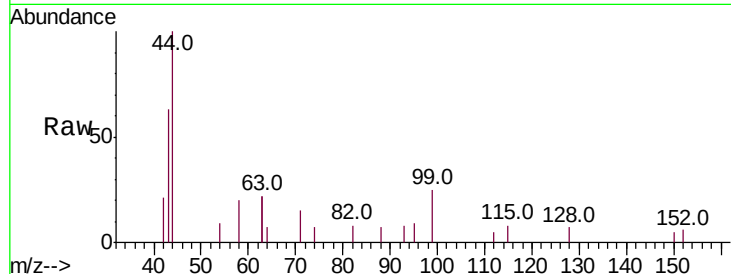
Tot Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 43.3 26.3 39.5#

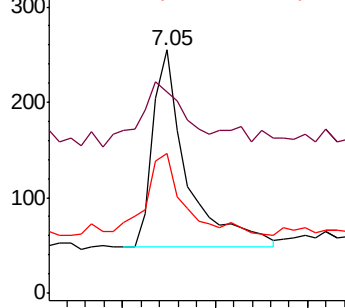
71 46.2 33.6 50.4



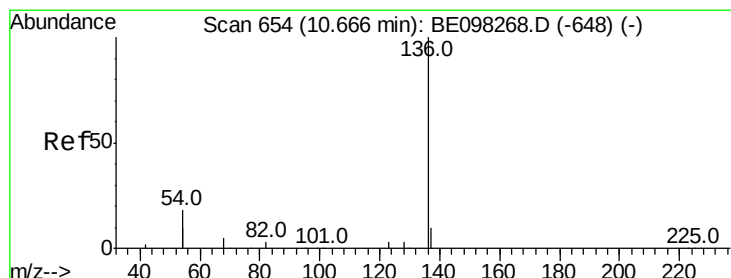
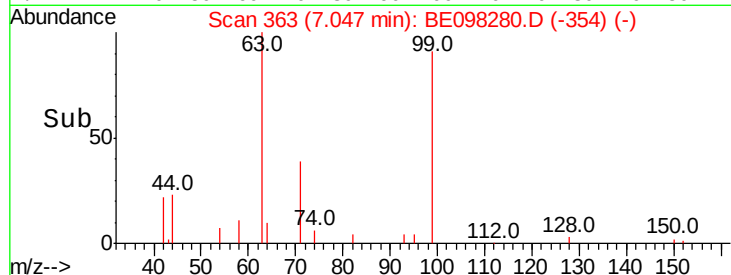
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Tgt Ion: 136 Resp: 5675

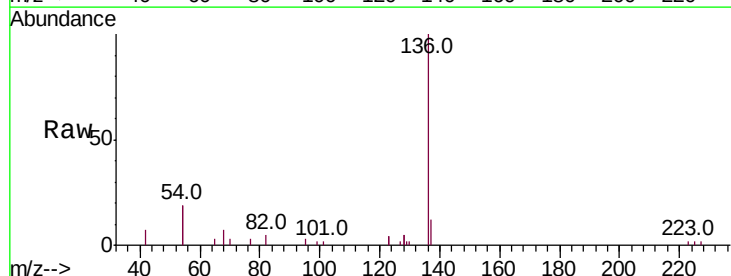
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 38.0 28.4 42.6

68 7.0 5.4 8.0

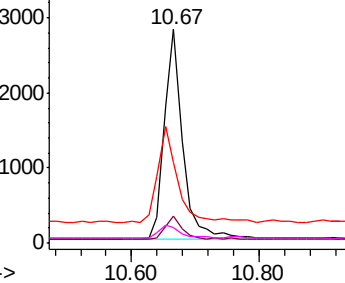


Abundance Ion 136.00 (135.70 to 136.70): E

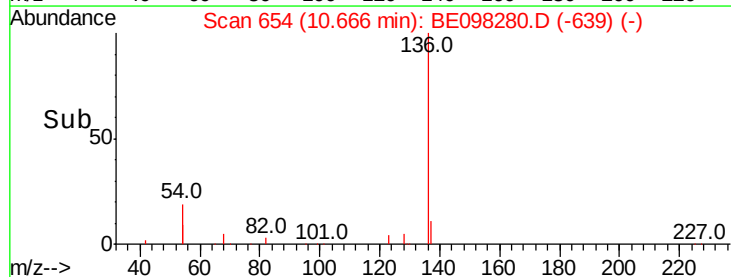
Ion 137.00 (136.70 to 137.70): E

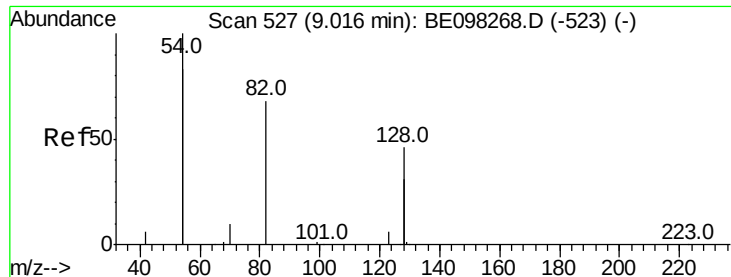
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.409 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181120

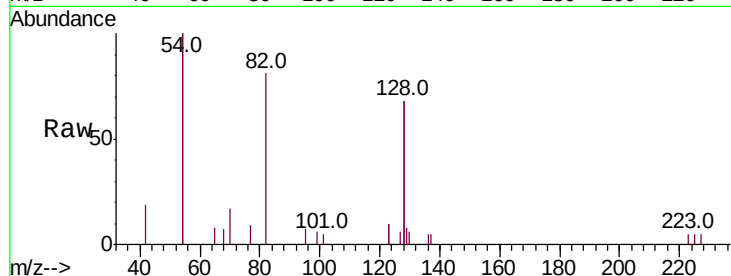
Tot Ion: 82 Resp: 2348

Ion Ratio Lower Upper

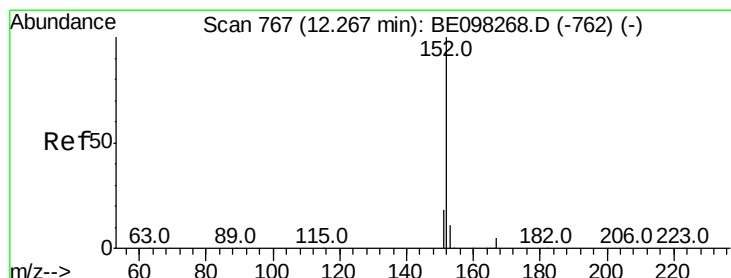
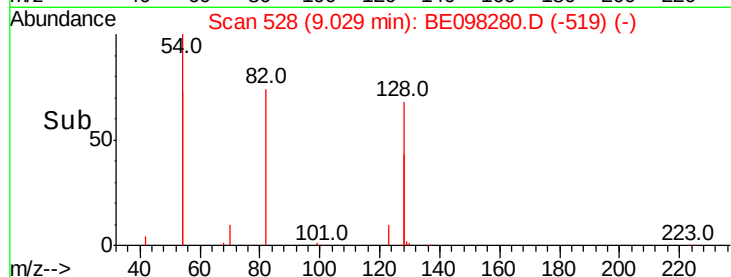
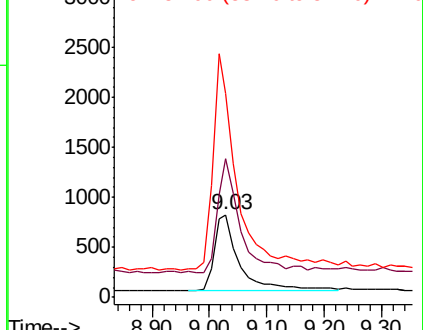
82 100

128 168.4 102.4 153.6#

54 247.6 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098280.D

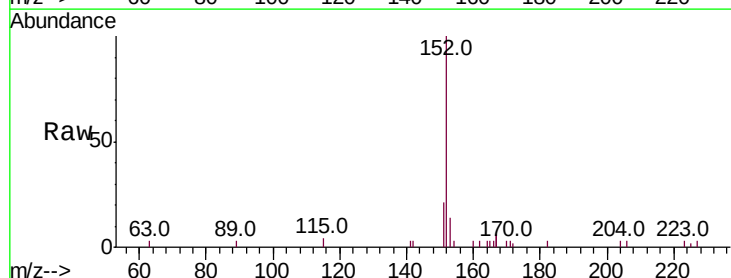
Acq: 29 Nov 2018 18:53

Tgt Ion: 152 Resp: 3802

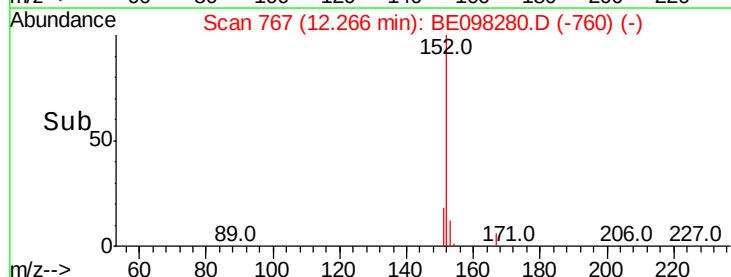
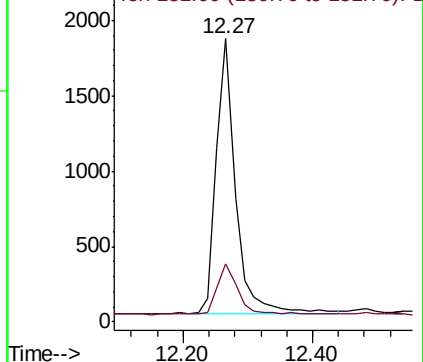
Ion Ratio Lower Upper

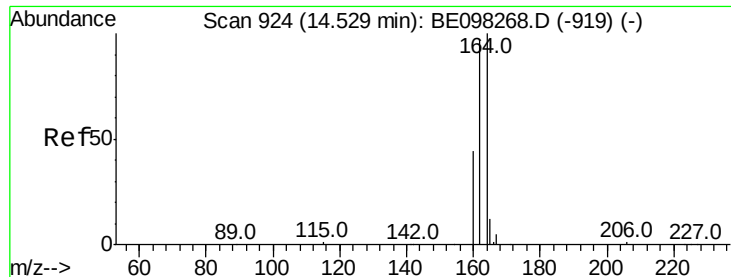
152 100

151 19.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

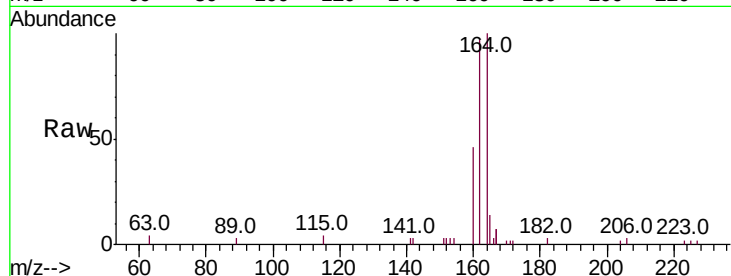




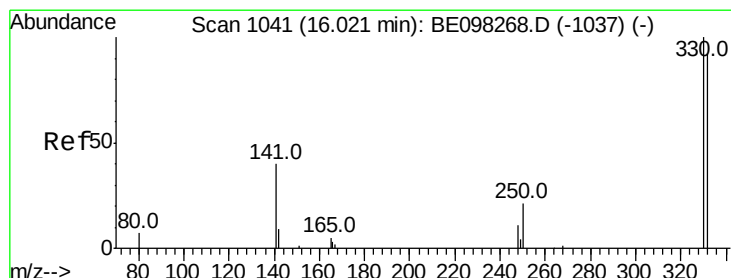
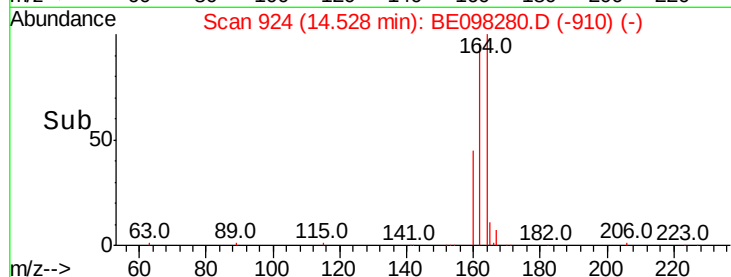
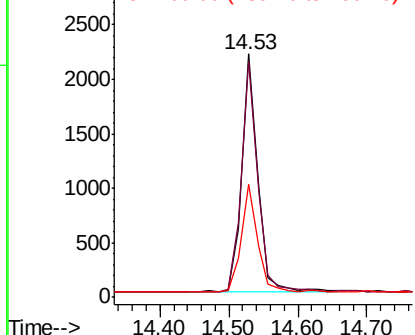
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-181120

Tot Ion:164 Resp: 3494
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.6 116.4
 160 46.2 36.0 54.0

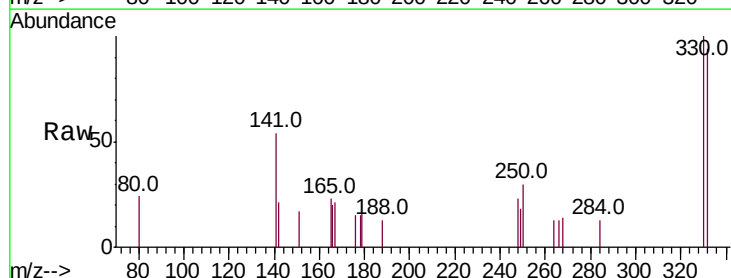


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

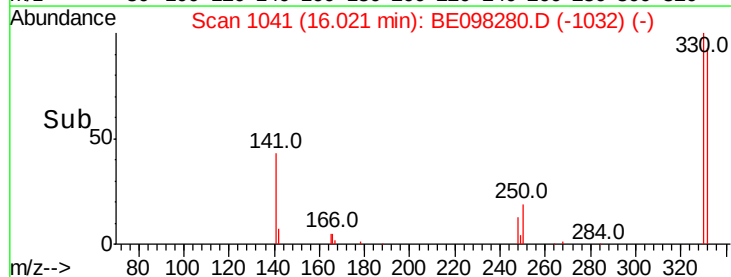
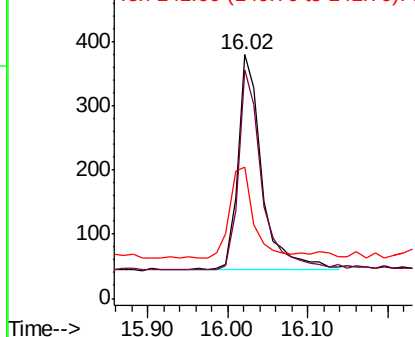


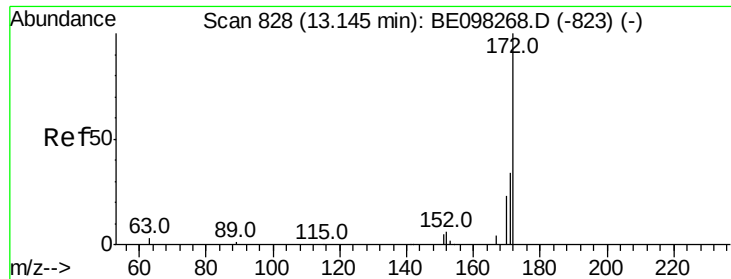
#14
 2,4,6-Tribromophenol
 Concen: 0.423 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098280.D
 Acq: 29 Nov 2018 18:53

Tgt Ion:330 Resp: 701
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.2 114.4
 141 41.7 39.0 58.4



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

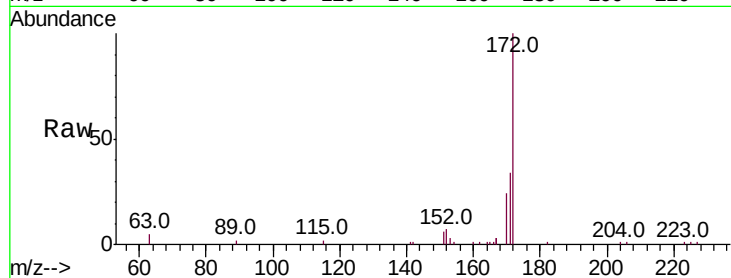




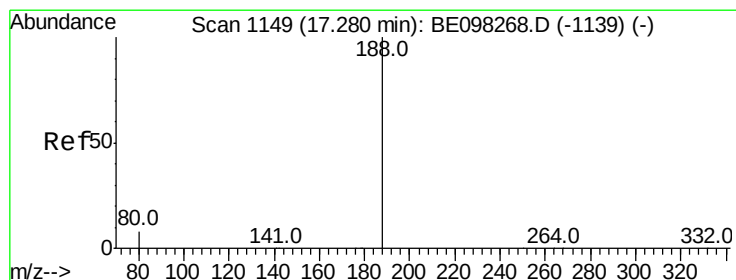
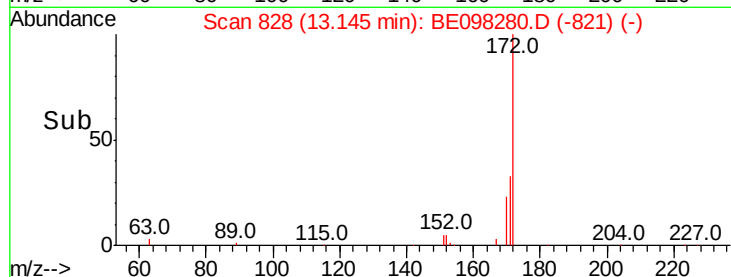
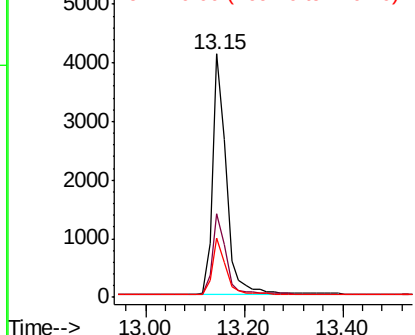
#15
2-Fluorobiphenyl
Concen: 0.547 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Instrument :
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Tot Ion:172 Resp: 7908
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 24.1 19.6 29.4

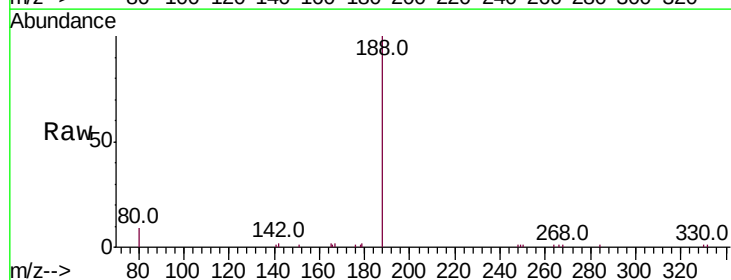


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

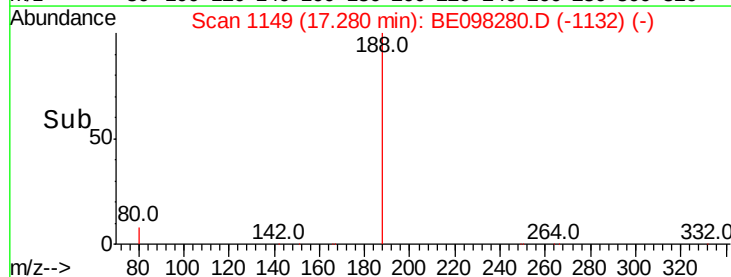
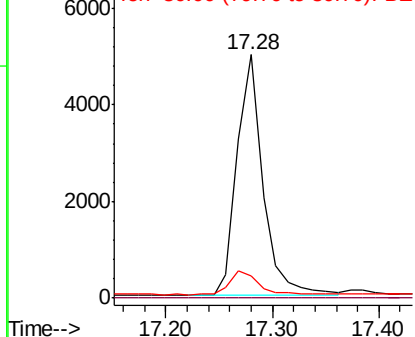


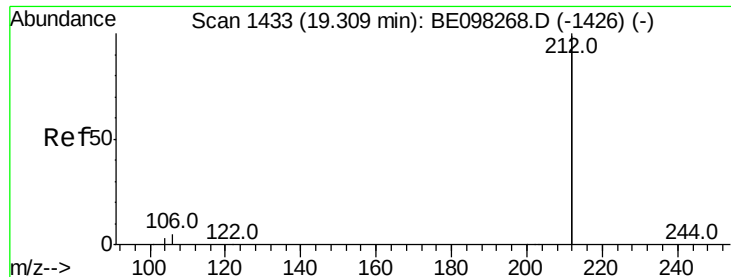
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BE098280.D
Acq: 29 Nov 2018 18:53

Tgt Ion:188 Resp: 8423
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.2 10.8



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





#25

Fluoranthene-d10

Concen: 0.478 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-181120

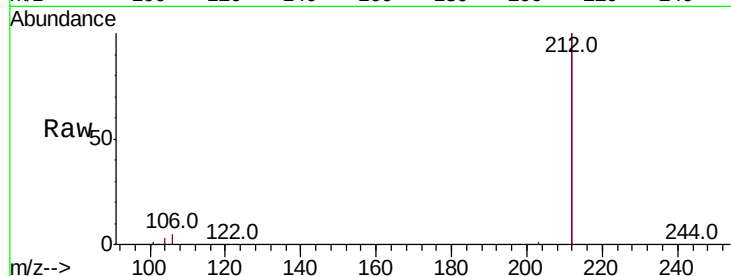
Tot Ion:212 Resp: 54286

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

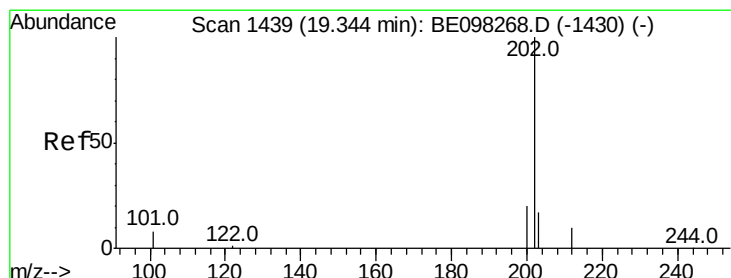
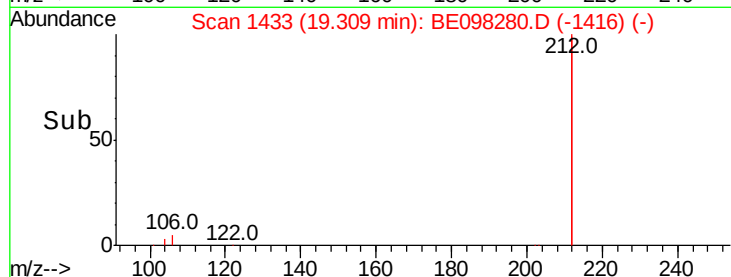
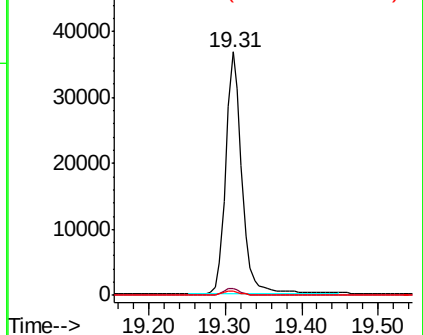
104 1.6 1.3 1.9



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: 0.020 ng

RT: 19.34 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

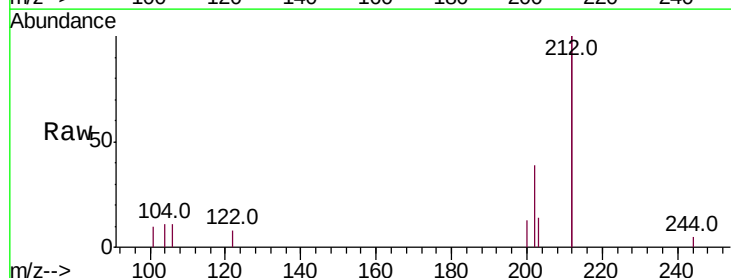
Tgt Ion:202 Resp: 574

Ion Ratio Lower Upper

202 100

101 16.9 8.0 12.0#

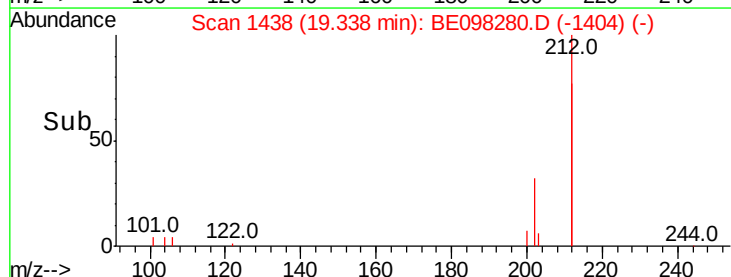
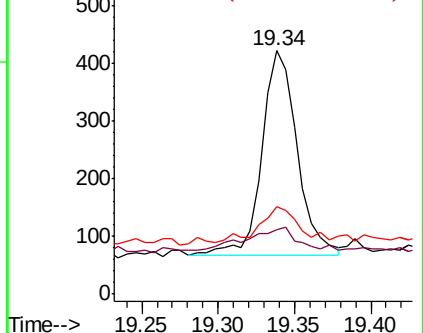
203 20.0 13.8 20.6

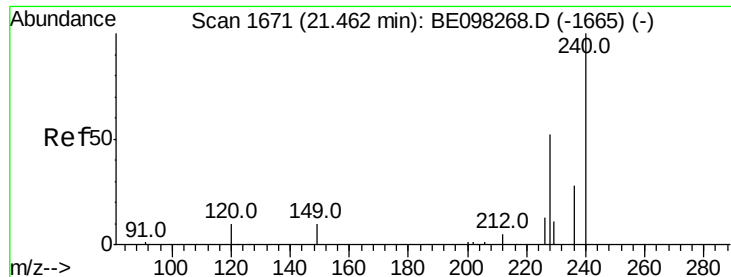


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

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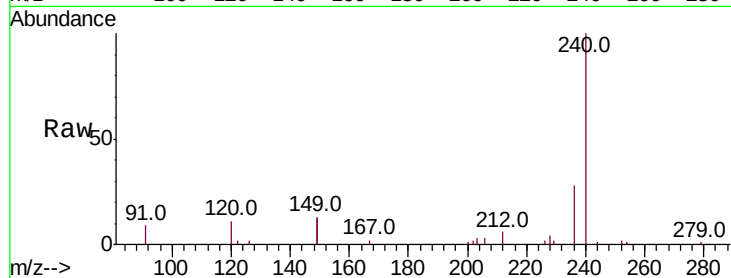
Tot Ion:240 Resp: 11500

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

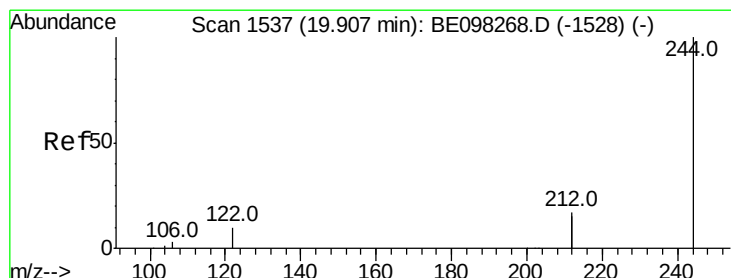
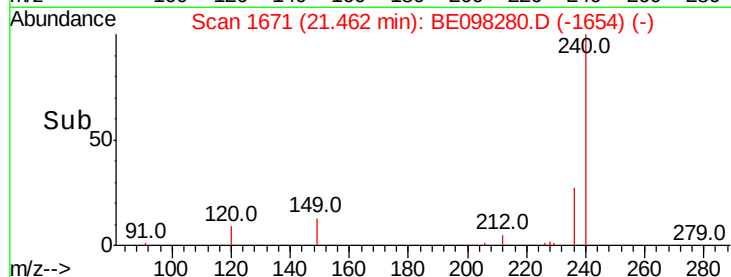
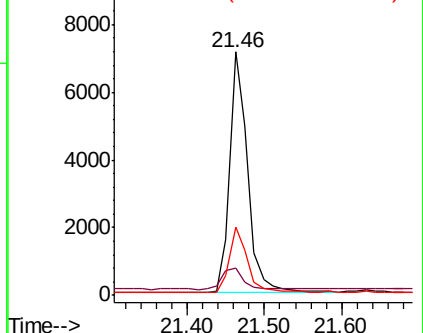
236 28.1 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.429 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

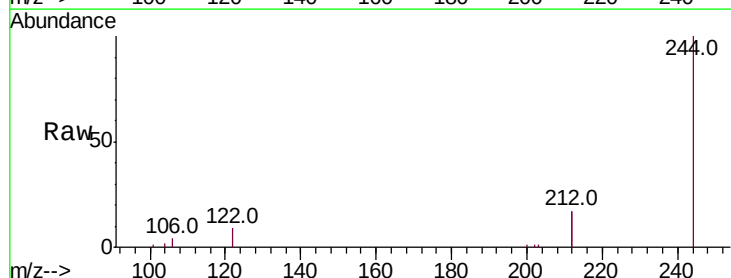
Tgt Ion:244 Resp: 11103

Ion Ratio Lower Upper

244 100

212 33.8 27.4 41.0

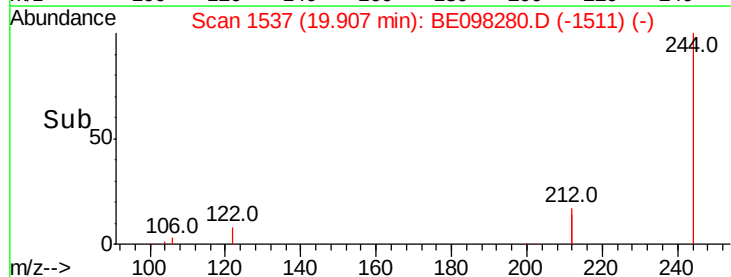
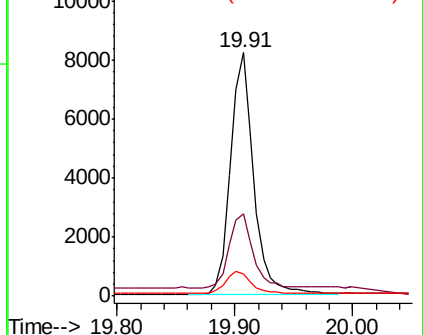
122 9.3 8.3 12.5

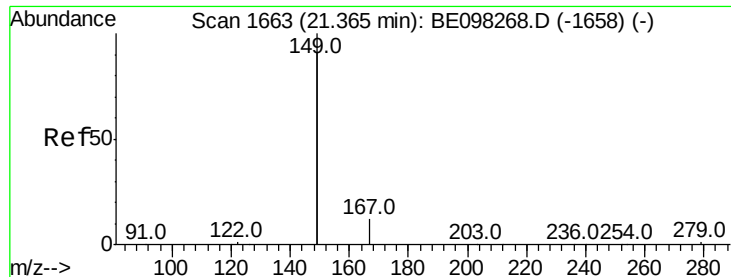


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Instrument :

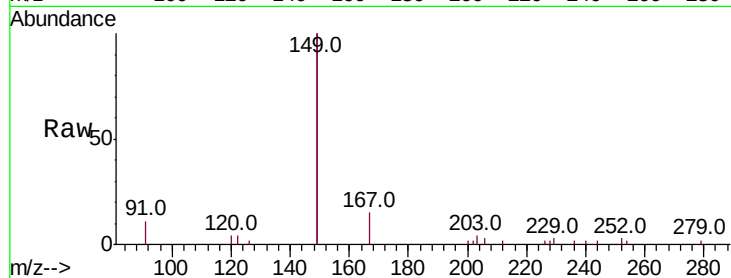
BNA_E

ClientSampleId :

OUTFALL001-181120

Tot Ion:149 Resp: 10285

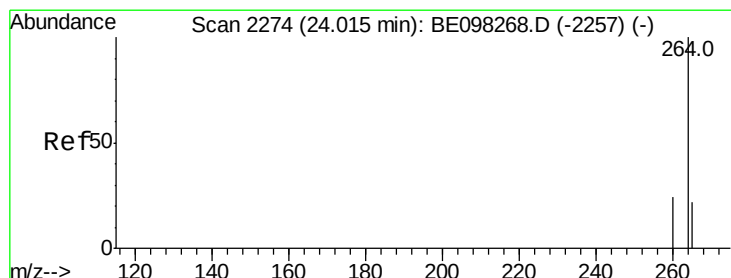
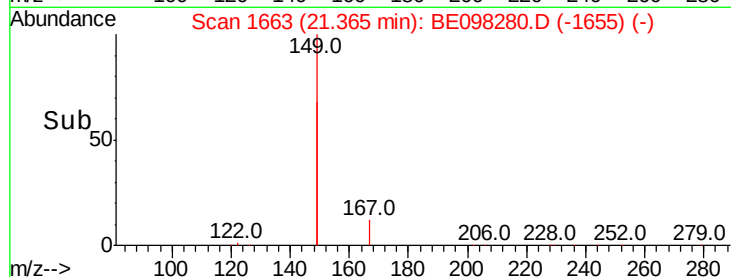
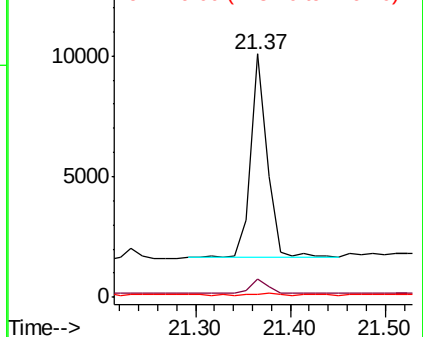
Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.7	8.5
279	1.2	1.0	1.4



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: 24.01 min Scan# 2273

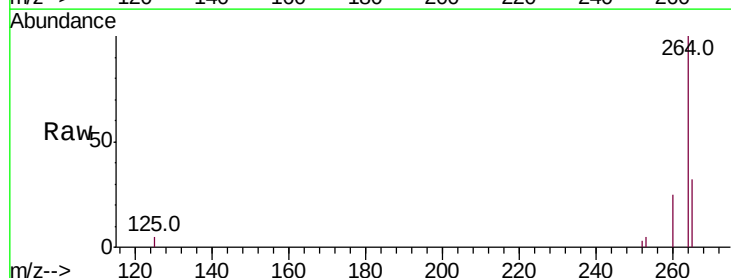
Delta R.T. -0.00 min

Lab File: BE098280.D

Acq: 29 Nov 2018 18:53

Tgt Ion:264 Resp: 11474

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	31.6	25.2	37.8



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

