

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098329.D
 Acq On : 11 Dec 2018 12:37
 Operator : SJ/JU
 Sample : PB115391BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115391BL

Quant Time: Dec 11 15:17:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1124	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	4331	0.40	ng	0.01
13) Acenaphthene-d10	14.53	164	2563	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	7044	0.40	ng	0.01
27) Chrysene-d12	21.48	240	8823	0.40	ng	0.01
34) Perylene-d12	24.01	264	8349	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	963	0.37	ng	0.00
5) Phenol-d6	7.07	99	1014	0.27	ng	0.02
8) Nitrobenzene-d5	9.05	82	1259	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	2536	0.36	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	241	0.26	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	3679	0.34	ng	0.01
25) Fluoranthene-d10	19.32	212	36038	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	5900	0.28	ng	0.00

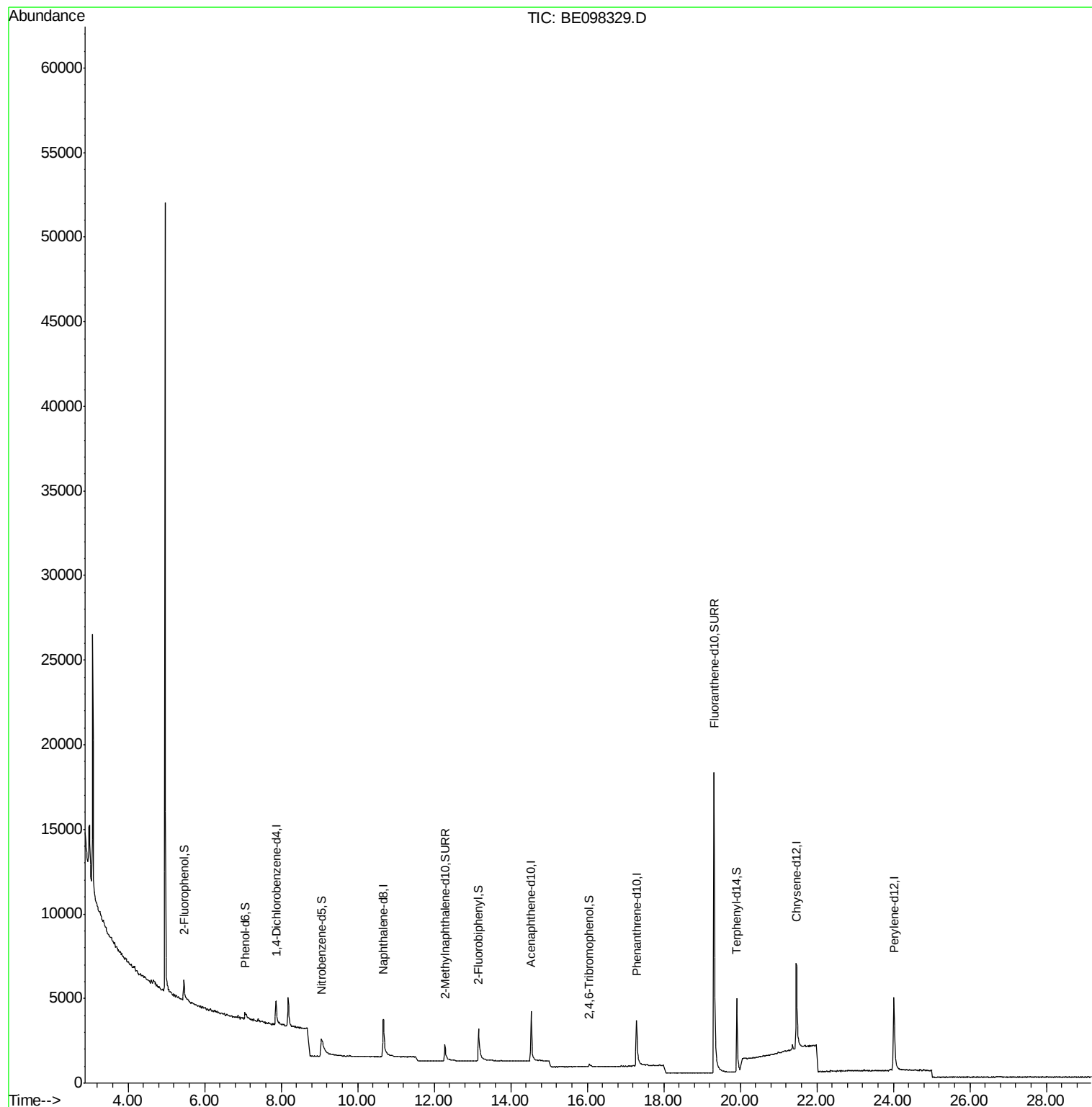
Target Compounds	Qvalue

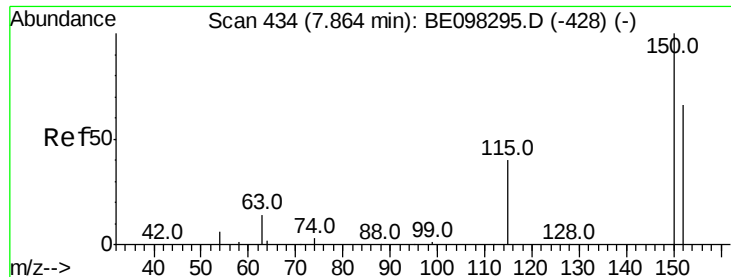
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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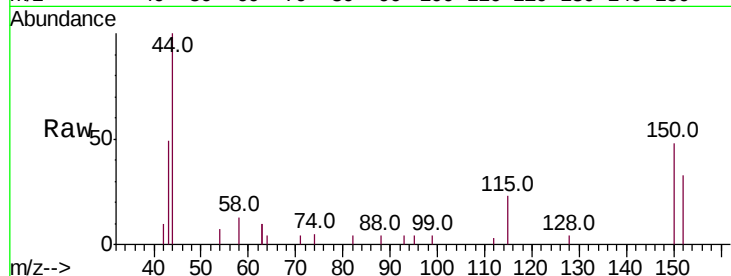


#1

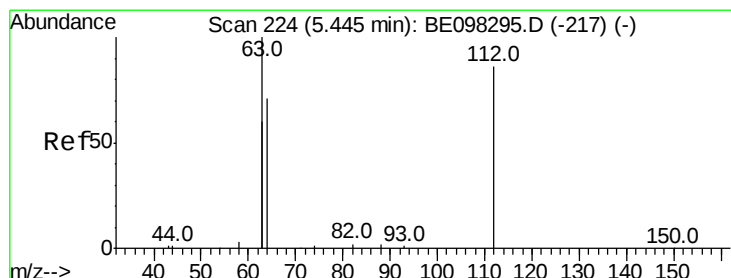
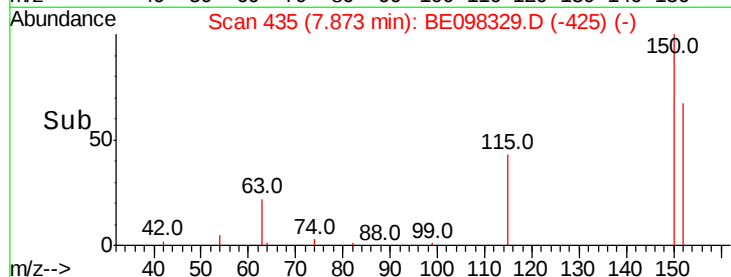
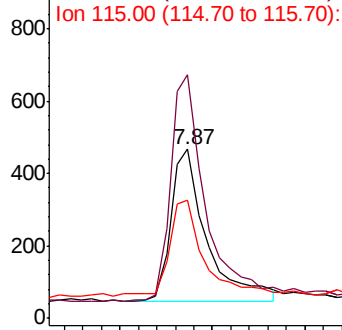
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098329.D
Acq: 11 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
PB115391BL

Tot Ion:152 Resp: 1124
Ion Ratio Lower Upper
152 100
150 144.2 124.2 186.4
115 70.2 53.9 80.9



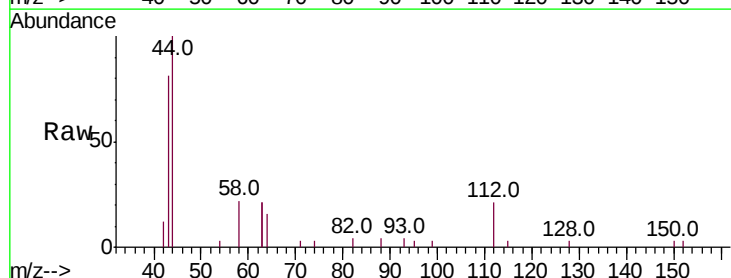
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



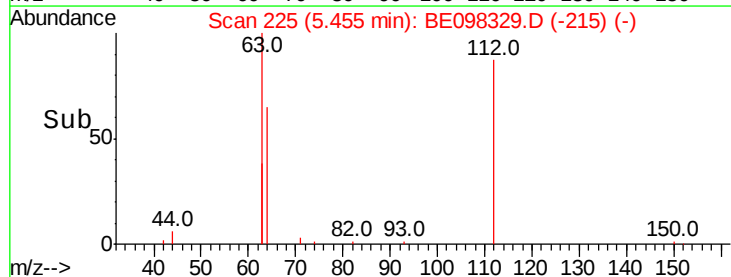
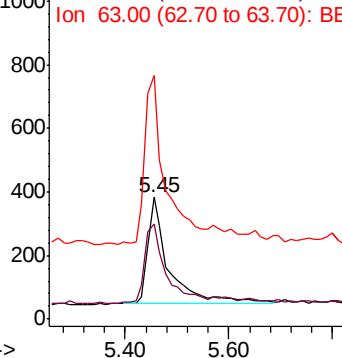
#4

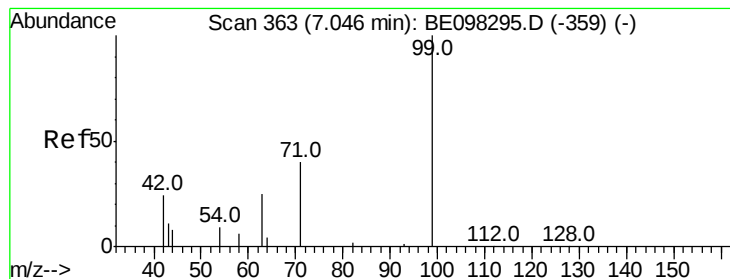
2-Fluorophenol
Concen: 0.366 ng
RT: 5.45 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098329.D
Acq: 11 Dec 2018 12:37

Tgt Ion:112 Resp: 963
Ion Ratio Lower Upper
112 100
64 75.6 59.8 89.8
63 155.6 133.7 200.5



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: 0.272 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

PB115391BL

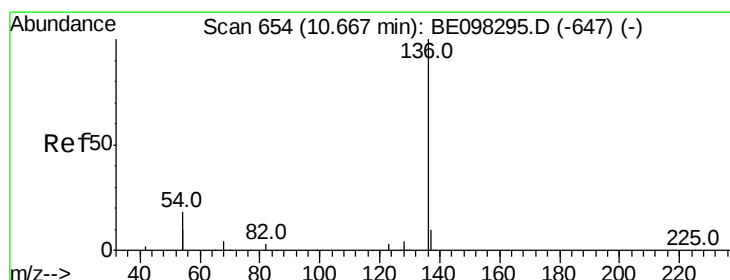
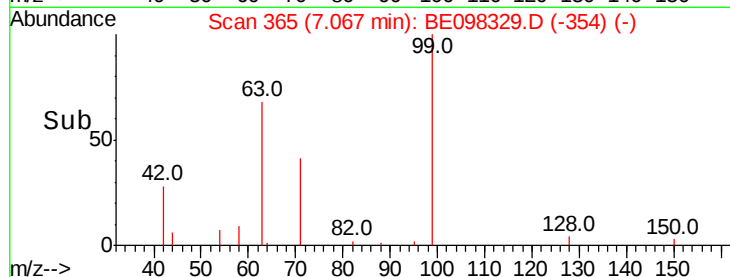
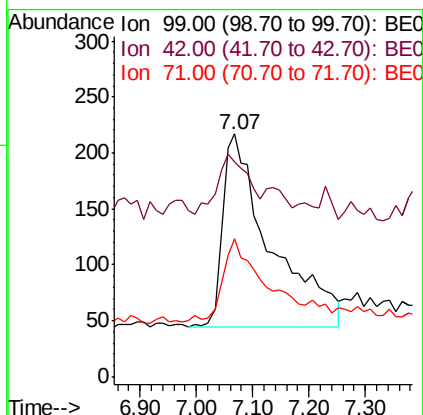
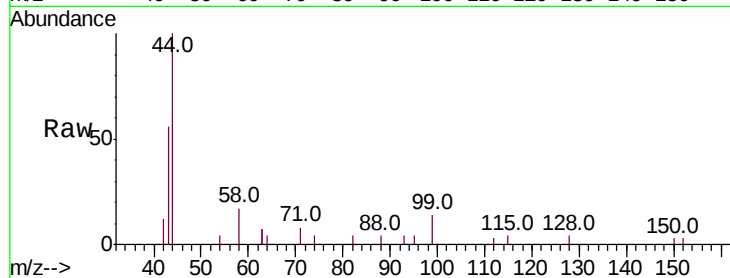
Tot Ion: 99 Resp: 1014

Ion Ratio Lower Upper

99 100

42 19.9 26.3 39.5#

71 37.9 33.6 50.4



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Tgt Ion: 136 Resp: 4331

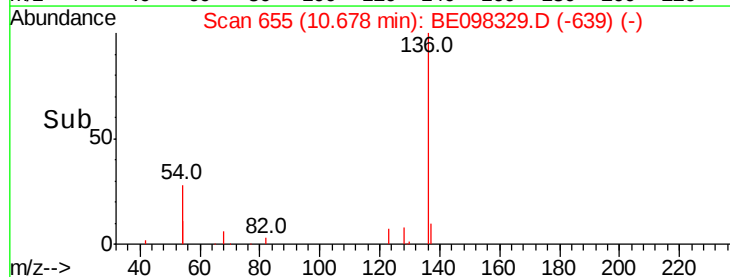
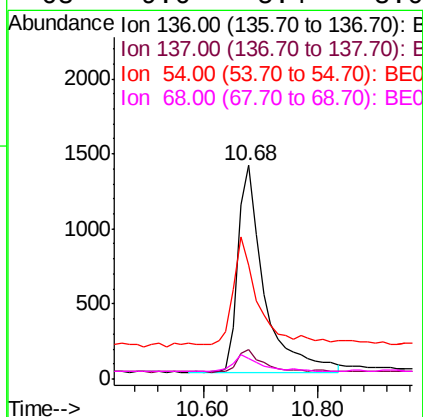
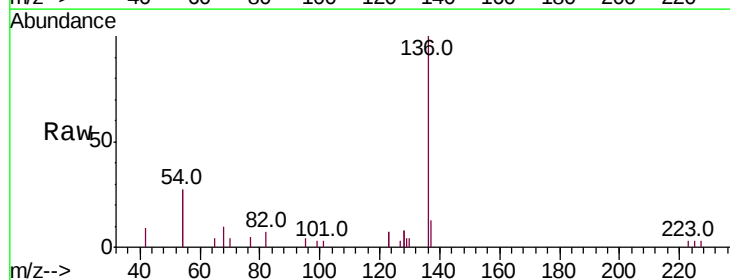
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 53.5 28.4 42.6#

68 9.6 5.4 8.0#





#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

PB115391BL

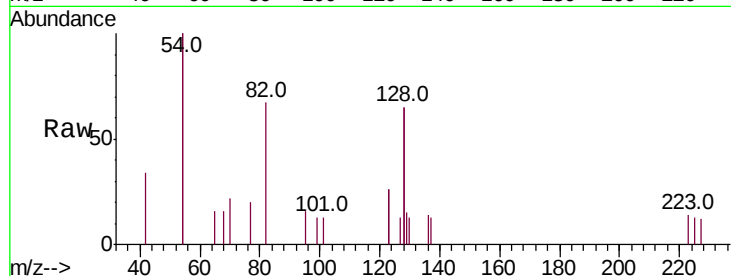
Tot Ion: 82 Resp: 1259

Ion Ratio Lower Upper

82 100

128 193.5 102.4 153.6#

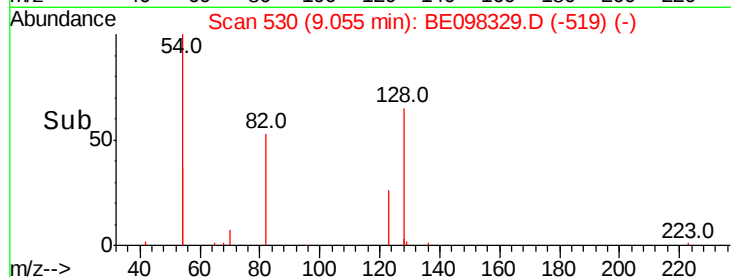
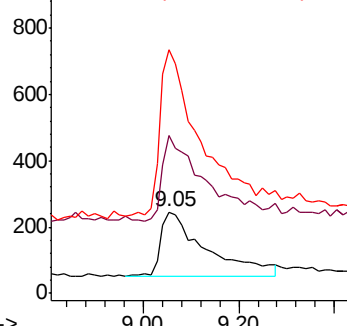
54 298.4 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098329.D

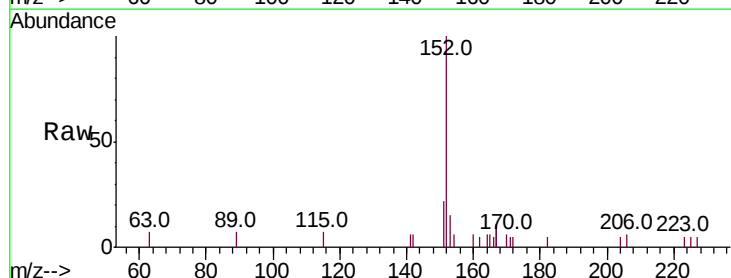
Acq: 11 Dec 2018 12:37

Tgt Ion: 152 Resp: 2536

Ion Ratio Lower Upper

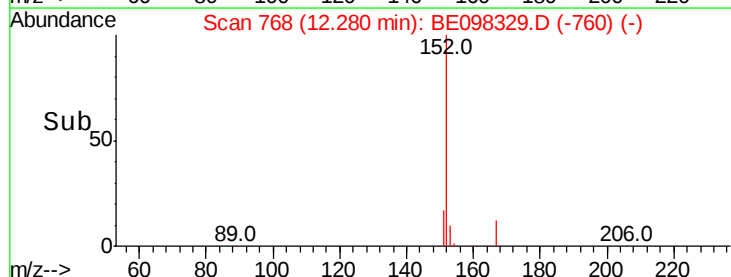
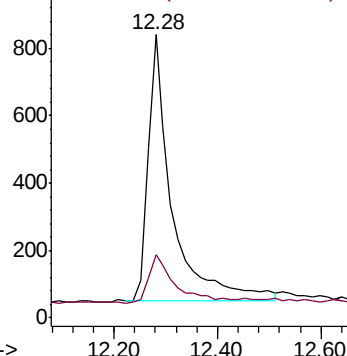
152 100

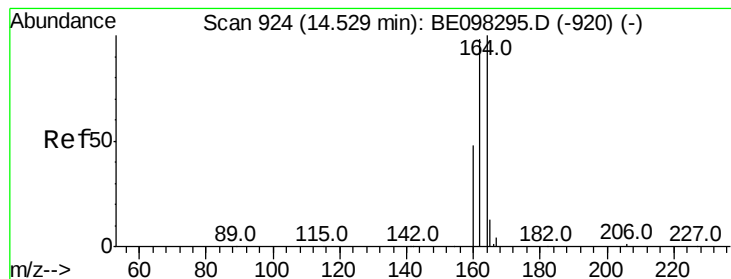
151 19.9 16.2 24.4



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: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

PB115391BL

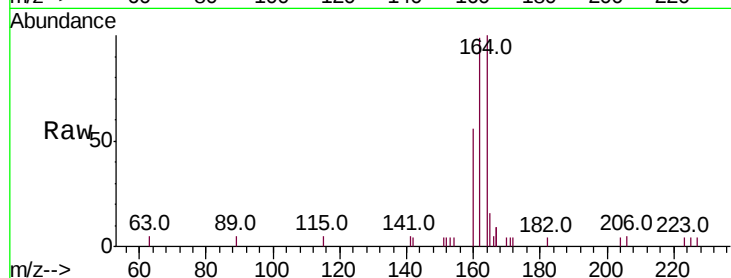
Tot Ion:164 Resp: 2563

Ion Ratio Lower Upper

164 100

162 98.8 77.6 116.4

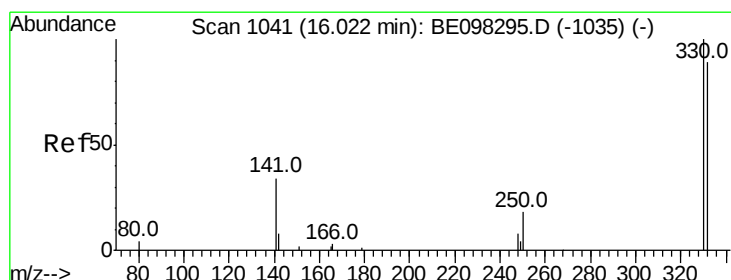
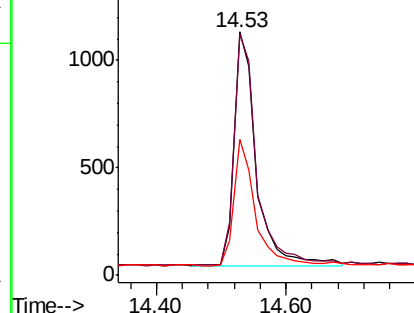
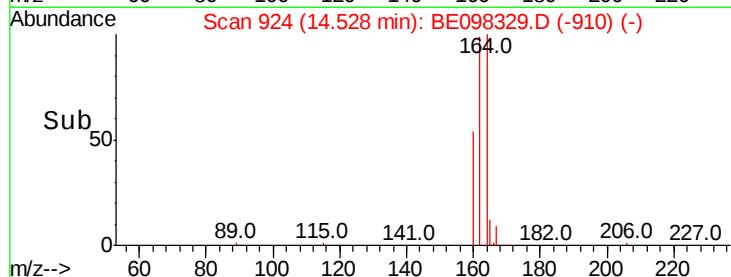
160 56.1 36.0 54.0#



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: 0.256 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

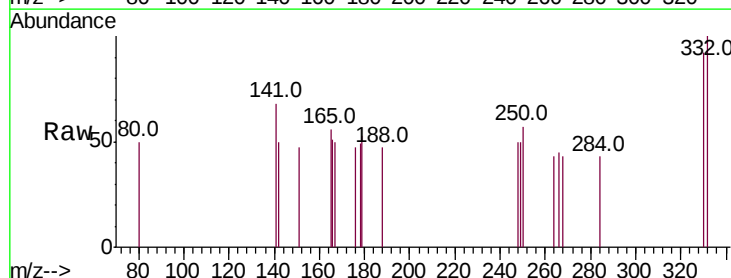
Tgt Ion:330 Resp: 241

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

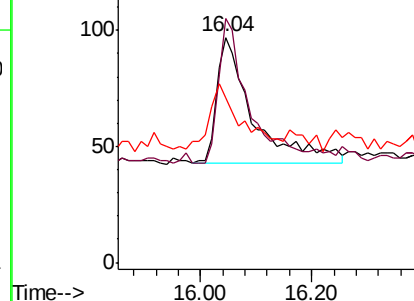
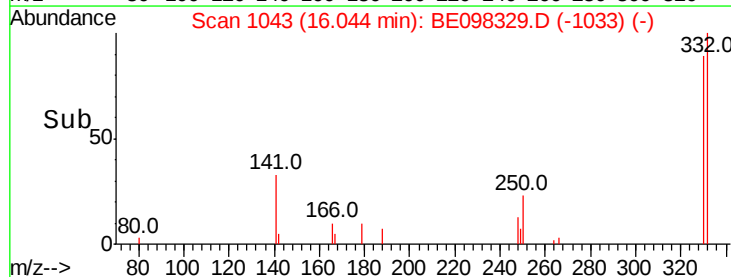
141 44.4 39.0 58.4

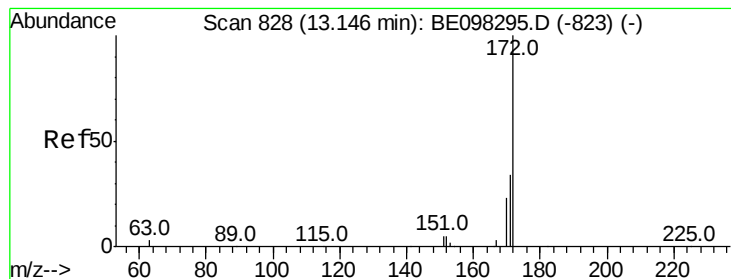


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

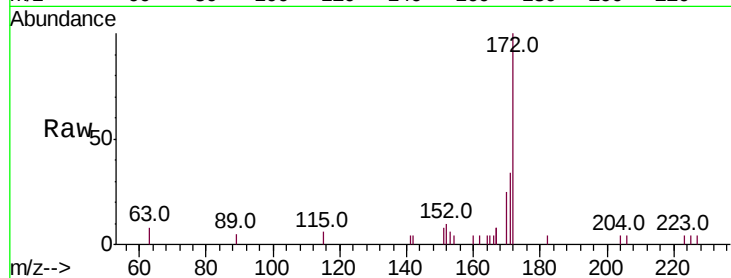




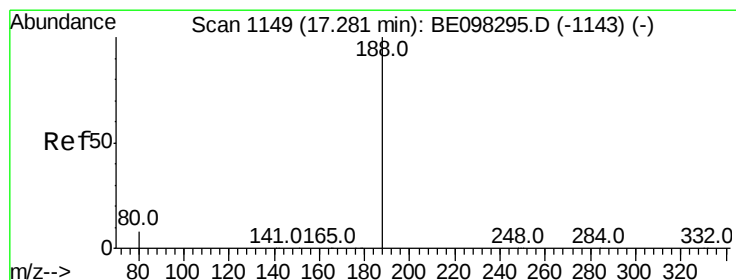
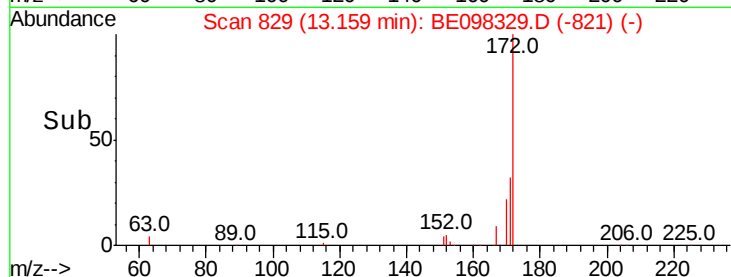
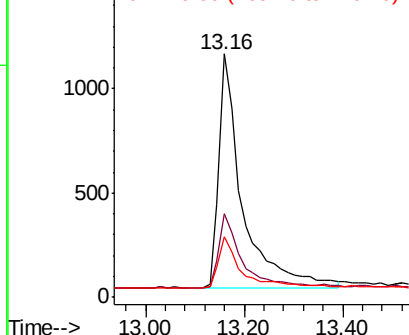
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098329.D
Acq: 11 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :
PB115391BL

Tot Ion:172 Resp: 3679
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 24.7 19.6 29.4

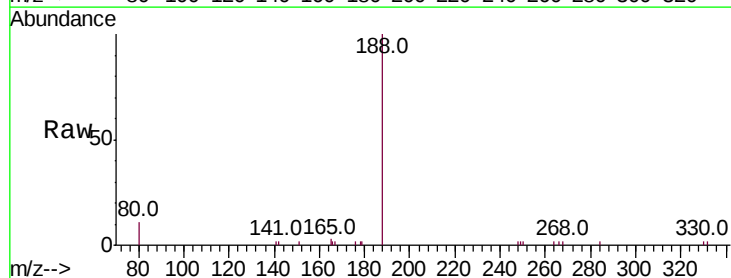


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

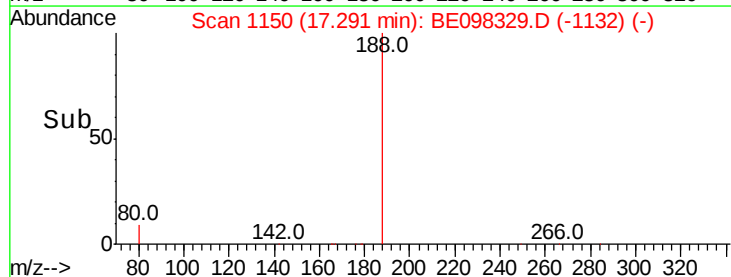
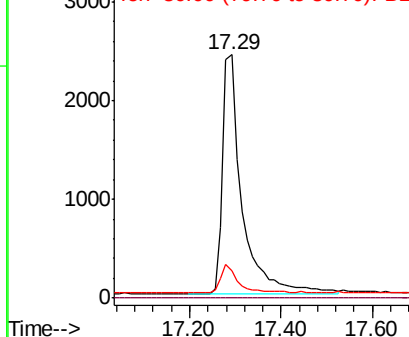


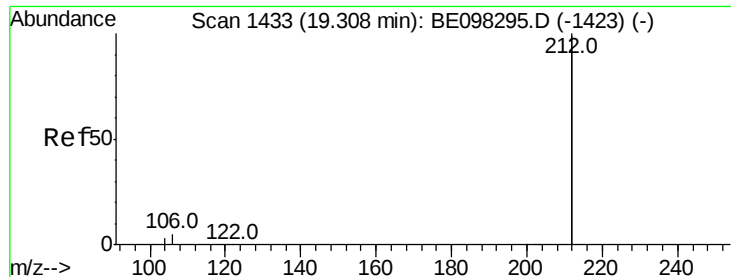
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE098329.D
Acq: 11 Dec 2018 12:37

Tgt Ion:188 Resp: 7044
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 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: 0.399 ng

RT: 19.32 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

PB115391BL

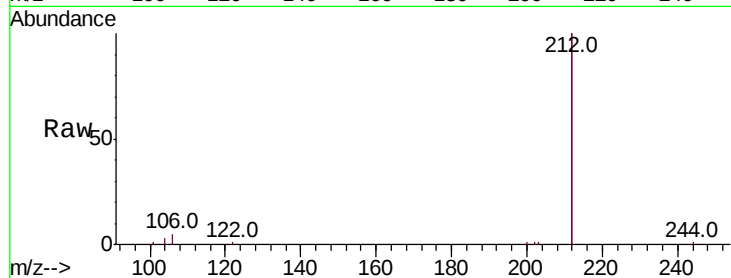
Tot Ion:212 Resp: 36038

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

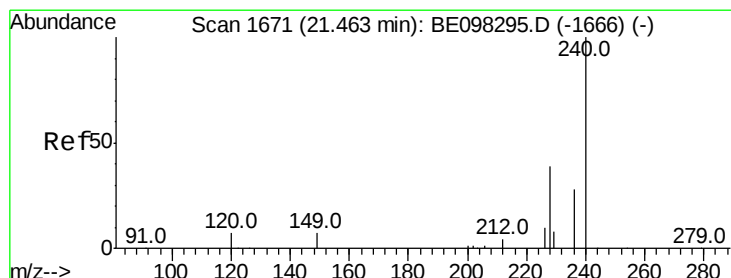
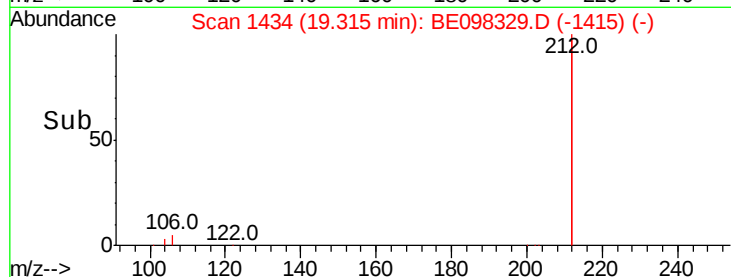
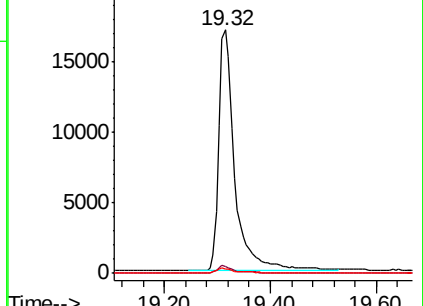
104 1.5 1.3 1.9



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

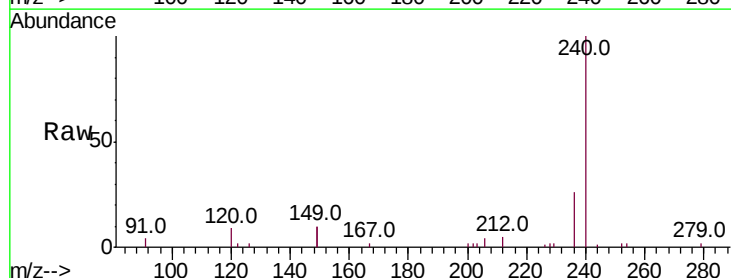
Tgt Ion:240 Resp: 8823

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

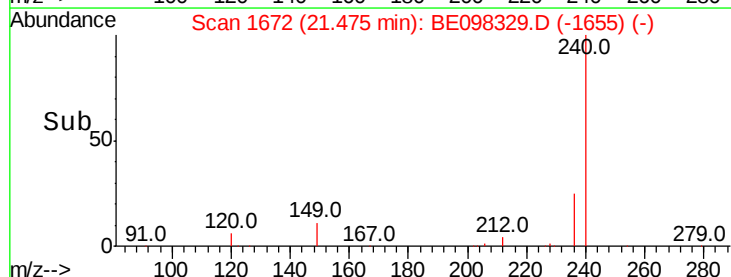
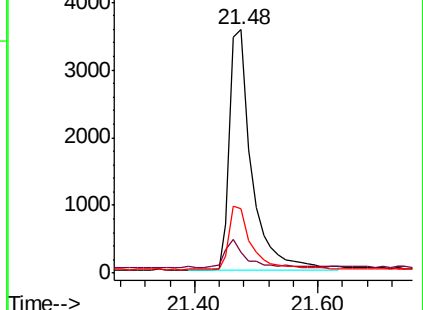
236 26.2 22.7 34.1

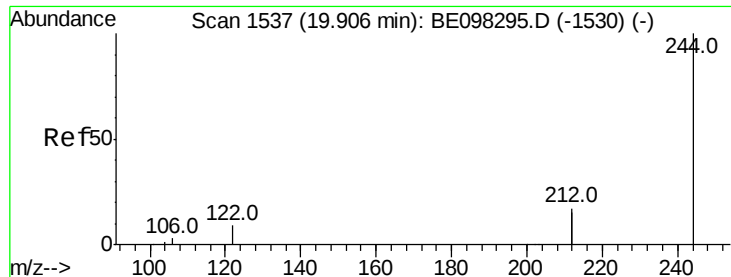


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.275 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

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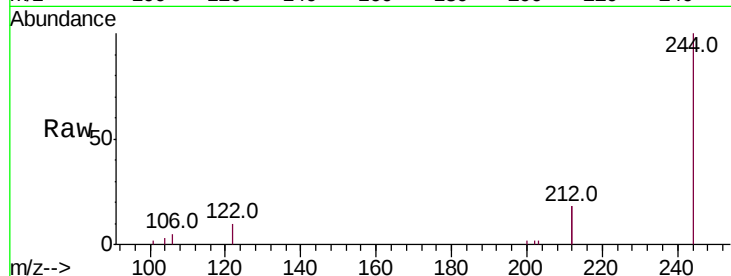
Tot Ion:244 Resp: 5900

Ion Ratio Lower Upper

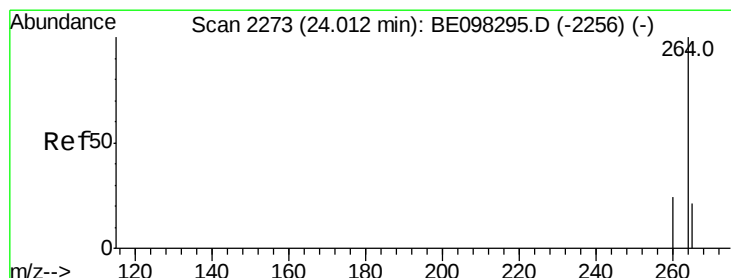
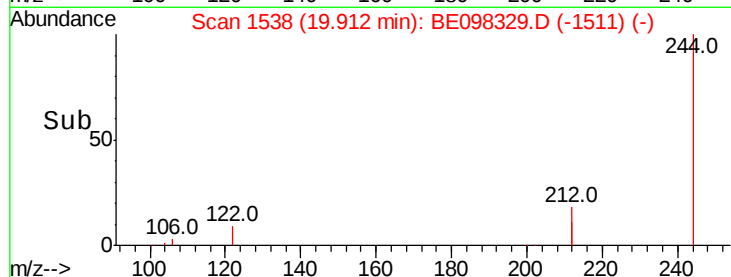
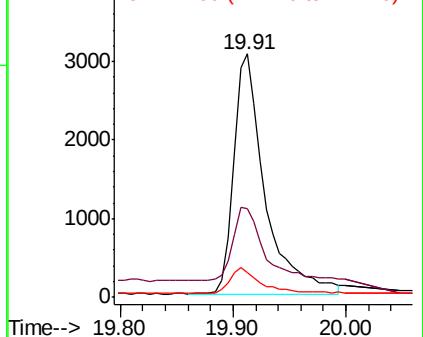
244 100

212 36.2 27.4 41.0

122 10.4 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

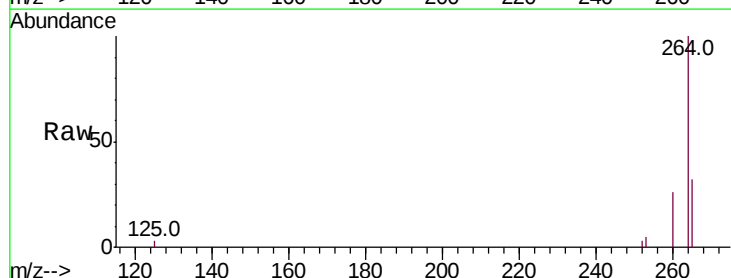
Tgt Ion:264 Resp: 8349

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 31.9 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

