

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
 Data File : BE098618.D
 Acq On : 4 Jan 2019 16:49
 Operator : SJ/JU
 Sample : K1031-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 04 21:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

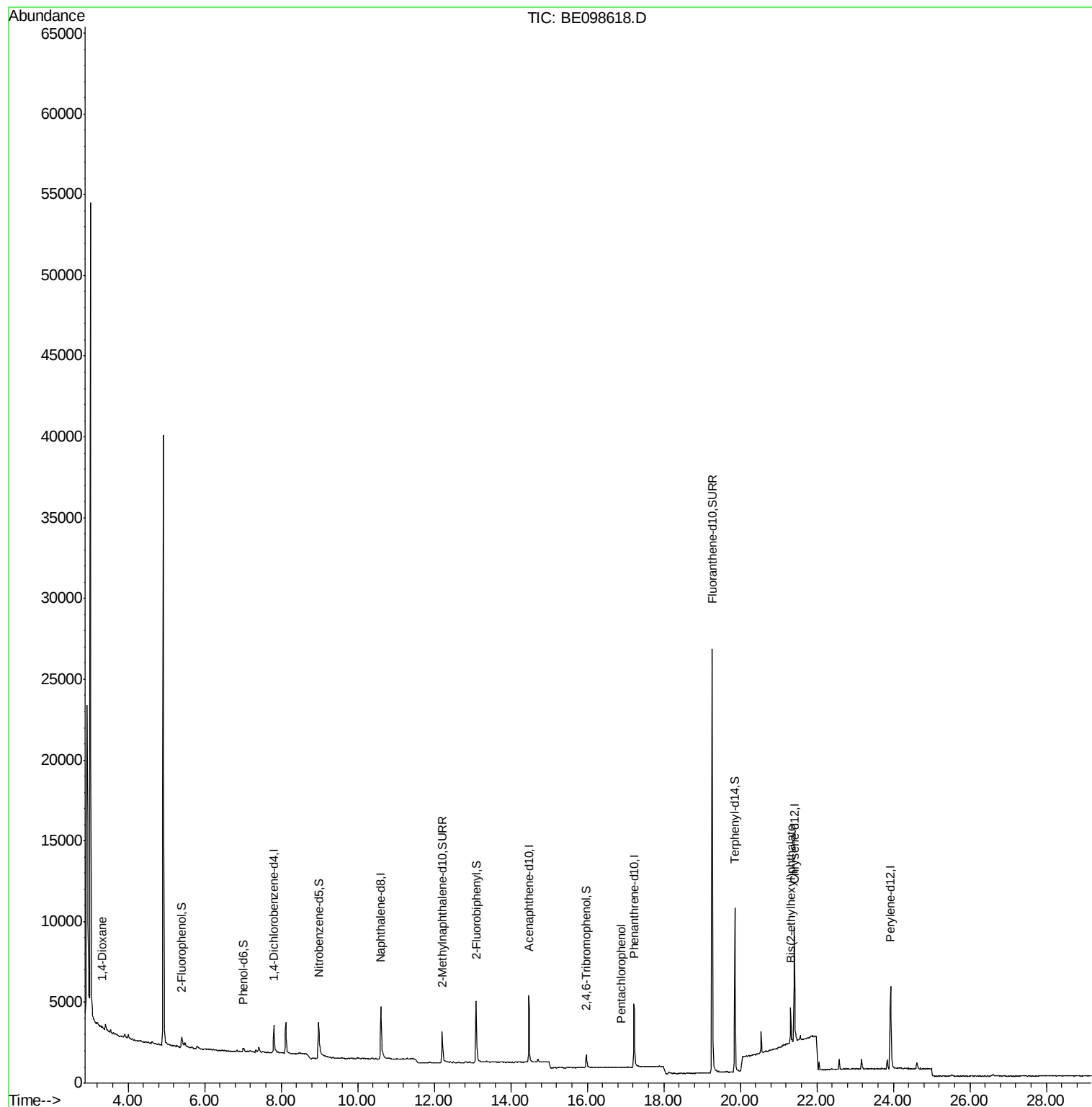
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	968	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4342	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2909	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7031	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8116	0.40	ng	0.01
34) Perylene-d12	23.93	264	7887	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	481	0.21	ng	0.01
5) Phenol-d6	7.01	99	354	0.11	ng	0.02
8) Nitrobenzene-d5	8.98	82	1605	0.41	ng	0.02
11) 2-Methylnaphthalene-d10	12.21	152	2968	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	558	0.52	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	4975	0.41	ng	0.02
25) Fluoranthene-d10	19.26	212	38291	0.42	ng	0.01
29) Terphenyl-d14	19.85	244	9602	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.31	88	139	0.083	ng	# 45
22) Pentachlorophenol	16.89	266	10	0.032	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.32	149	2574	0.055	ng	# 96

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

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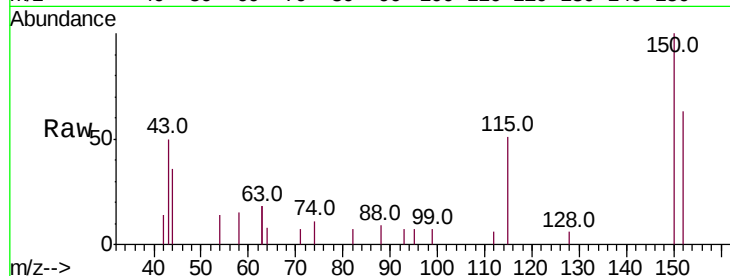


#1

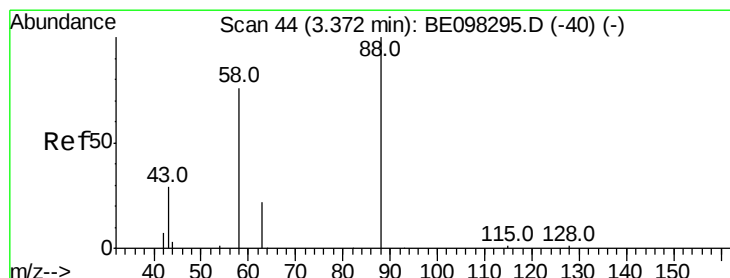
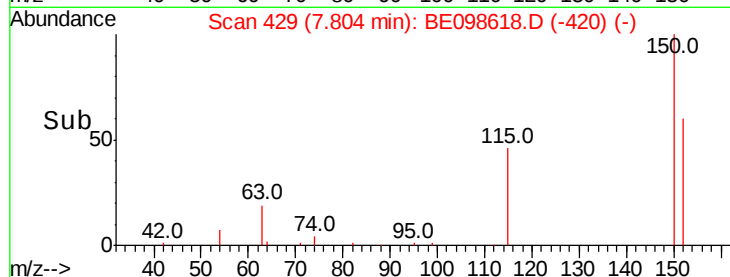
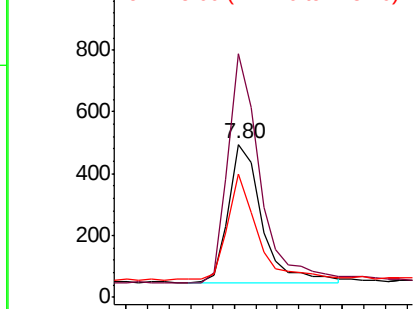
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 968
Ion Ratio Lower Upper
152 100
150 158.9 124.2 186.4
115 80.6 53.9 80.9



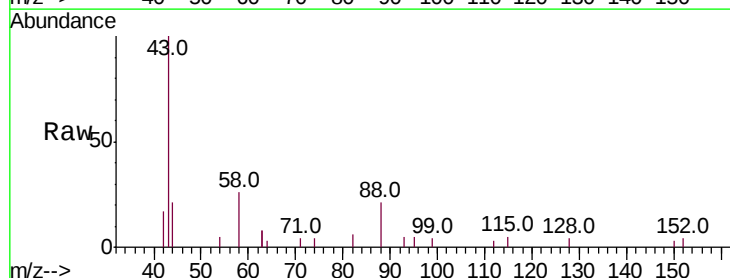
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



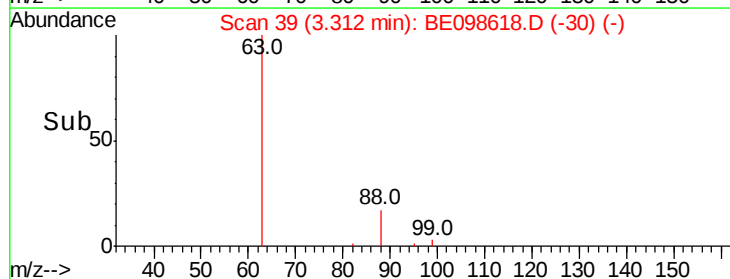
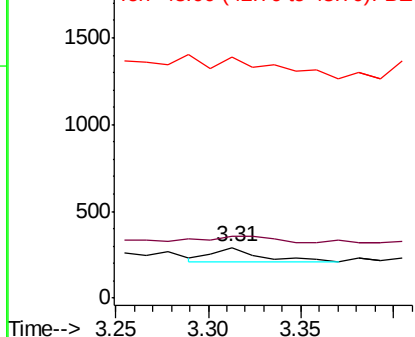
#2

1,4-Dioxane
Concen: 0.083 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion: 88 Resp: 139
Ion Ratio Lower Upper
88 100
58 139.6 75.0 112.6#
43 0.0 38.3 57.5#



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





#4

2-Fluorophenol

Concen: 0.212 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Instrument :

BNA_E

ClientSampleId :

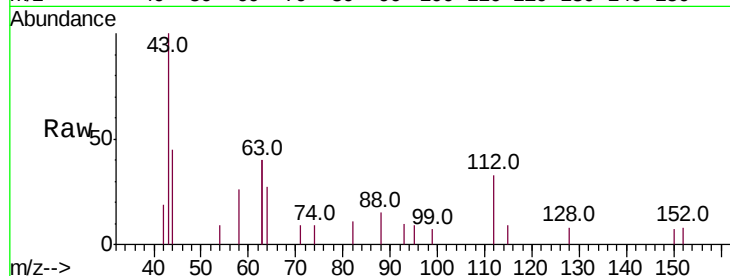
Tot Ion:112 Resp: 481

Ion Ratio Lower Upper

112 100

64 71.9 59.8 89.8

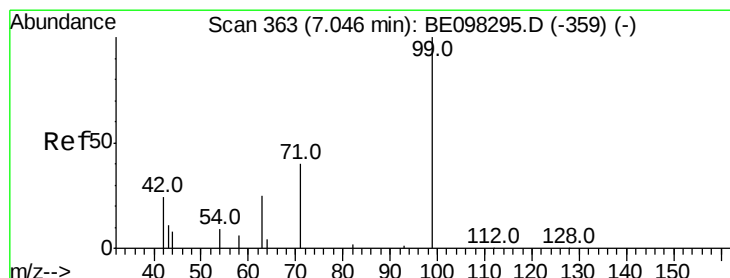
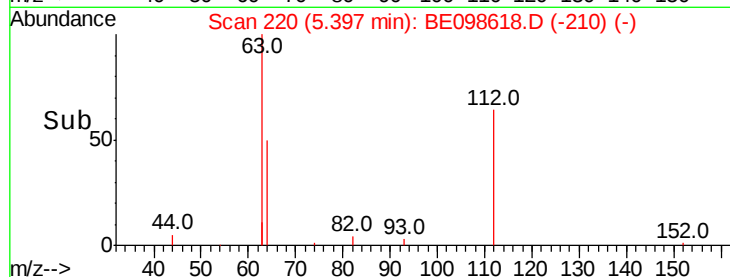
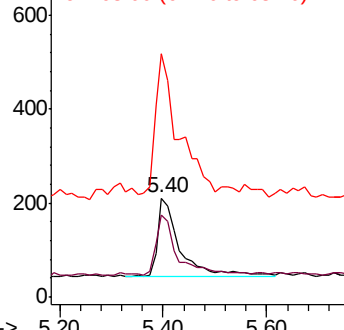
63 196.3 133.7 200.5



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: 0.110 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

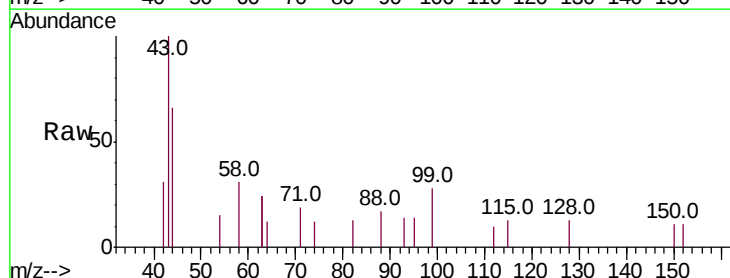
Tgt Ion: 99 Resp: 354

Ion Ratio Lower Upper

99 100

42 39.8 26.3 39.5#

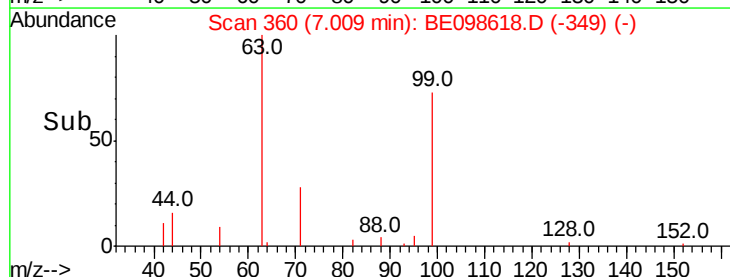
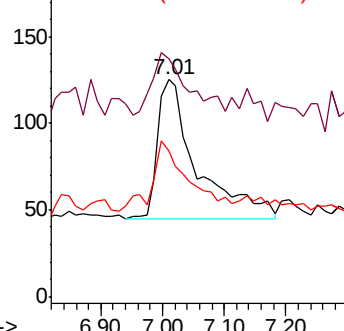
71 47.2 33.6 50.4



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 4342

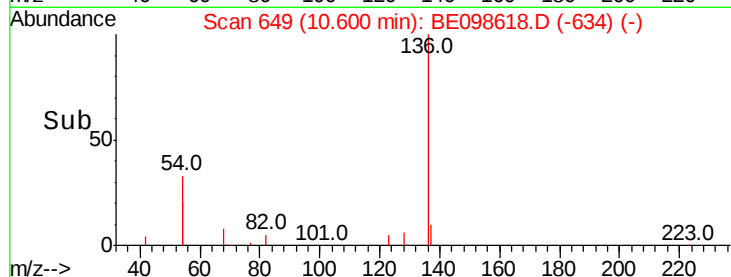
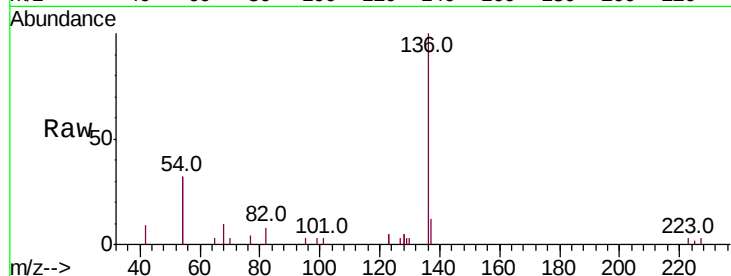
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 64.1 28.4 42.6#

68 10.1 5.4 8.0#

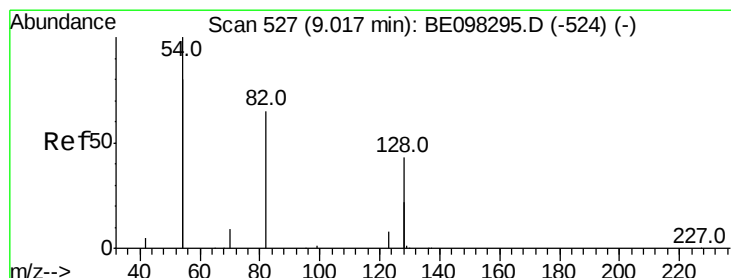
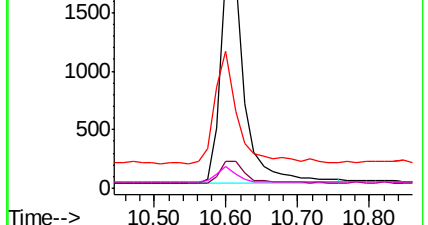


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.406 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.02 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

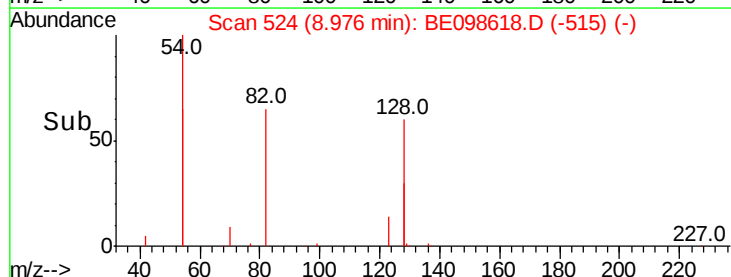
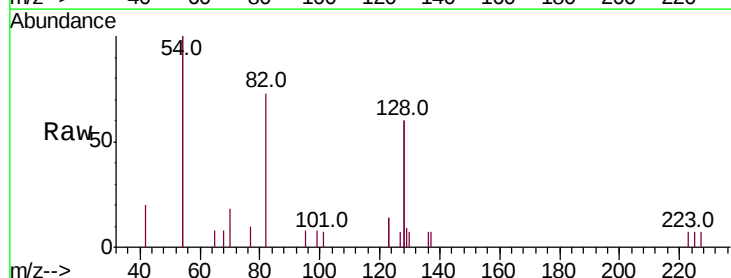
Tgt Ion: 82 Resp: 1605

Ion Ratio Lower Upper

82 100

128 163.5 102.4 153.6#

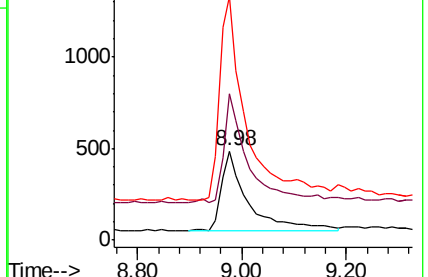
54 272.5 221.8 332.8

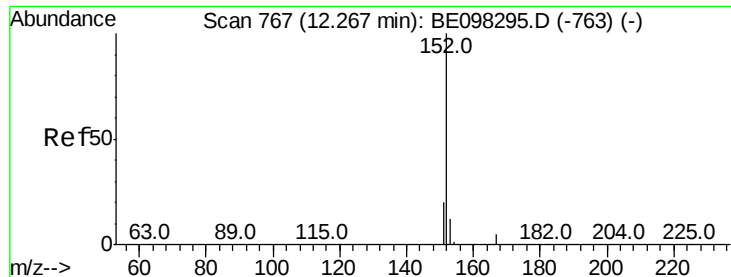


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

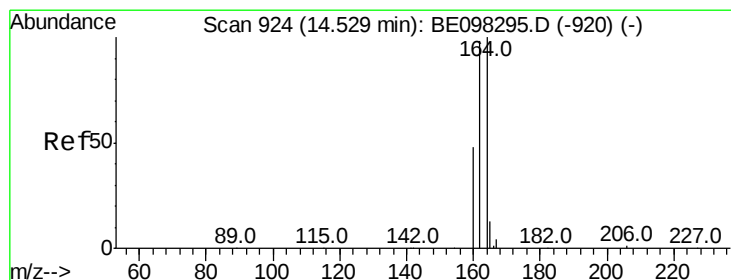
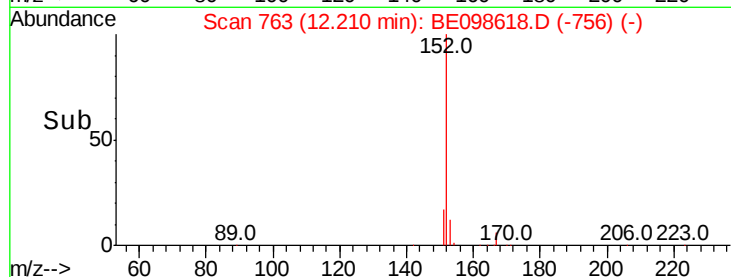
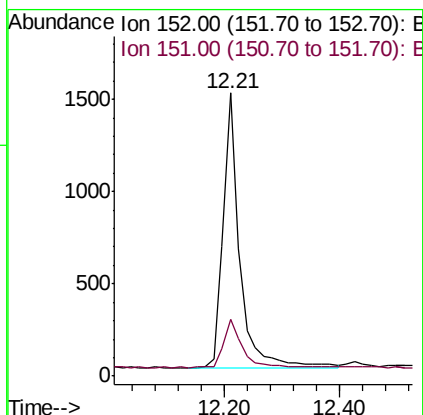
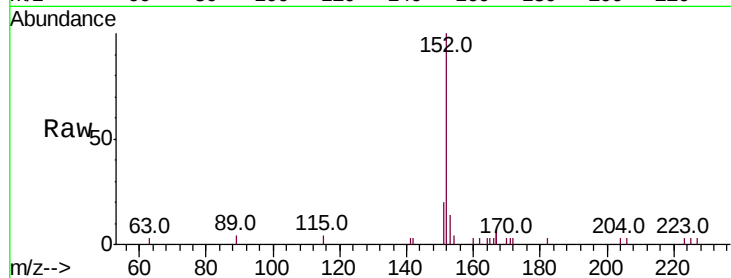




#11
 2-Methylnaphthalene-d10
 Concen: 0.420 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE098618.D
 Acq: 4 Jan 2019 16:49

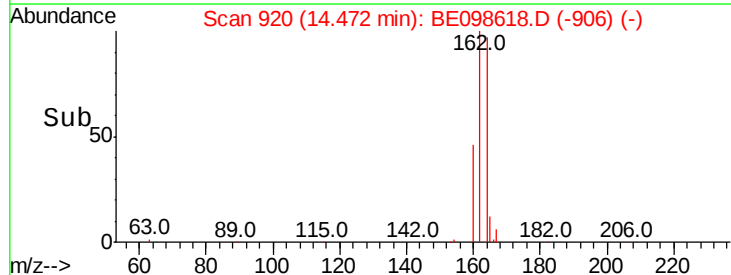
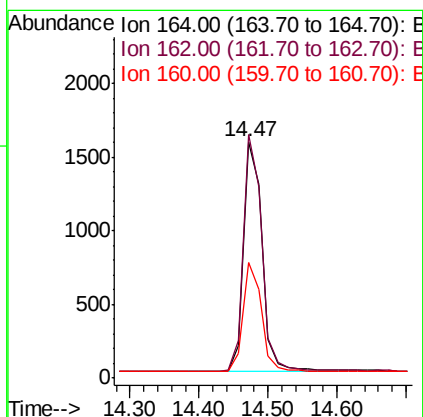
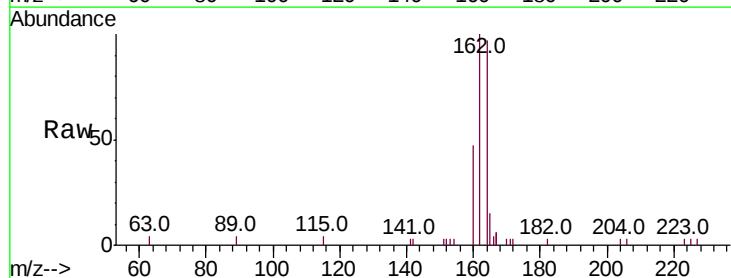
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2968
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE098618.D
 Acq: 4 Jan 2019 16:49

Tgt Ion:164 Resp: 2909
 Ion Ratio Lower Upper
 164 100
 162 103.2 77.6 116.4
 160 48.9 36.0 54.0

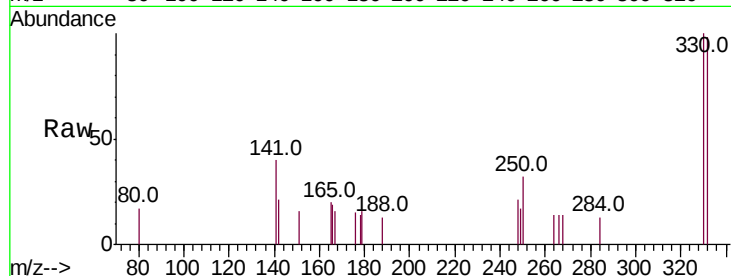




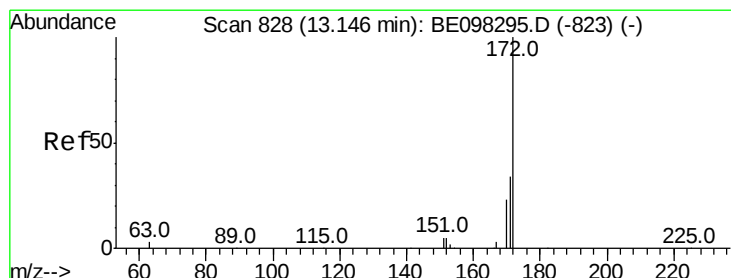
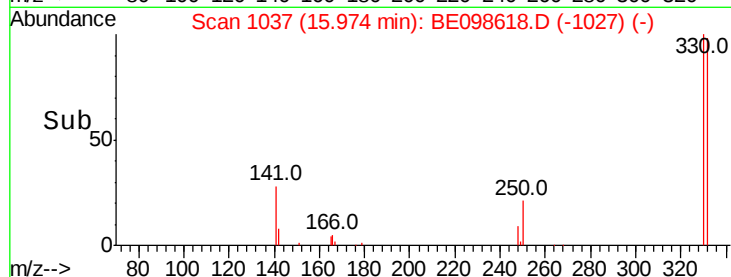
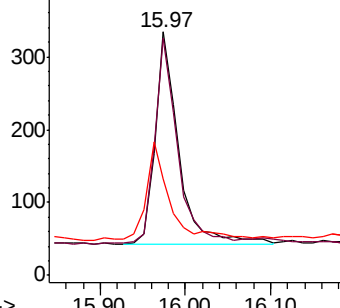
#14
 2,4,6-Tribromophenol
 Concen: 0.522 ng
 RT: 15.97 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BE098618.D
 Acq: 4 Jan 2019 16:49

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 558
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 49.8 39.0 58.4

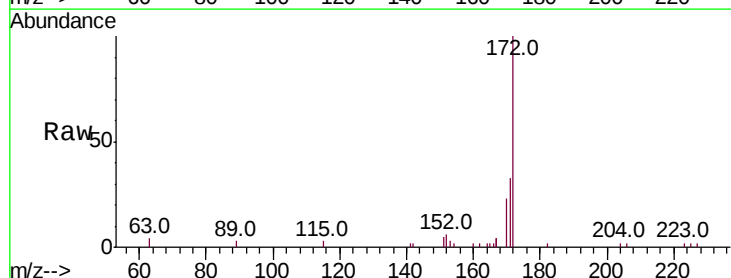


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

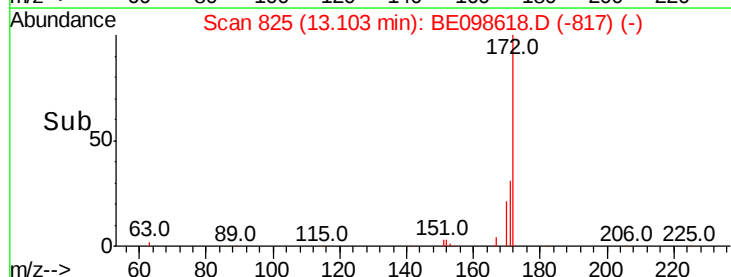
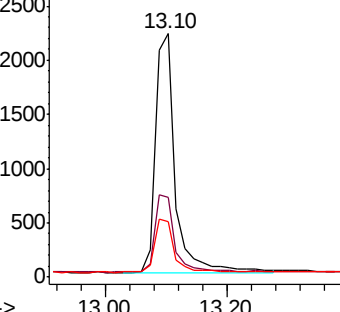


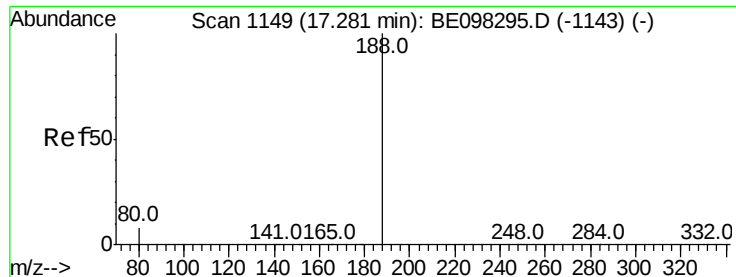
#15
 2-Fluorobiphenyl
 Concen: 0.405 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.02 min
 Lab File: BE098618.D
 Acq: 4 Jan 2019 16:49

Tgt Ion:172 Resp: 4975
 Ion Ratio Lower Upper
 172 100
 171 32.6 27.5 41.3
 170 22.9 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: 17.22 min Scan# 1144

Delta R.T. 0.00 min

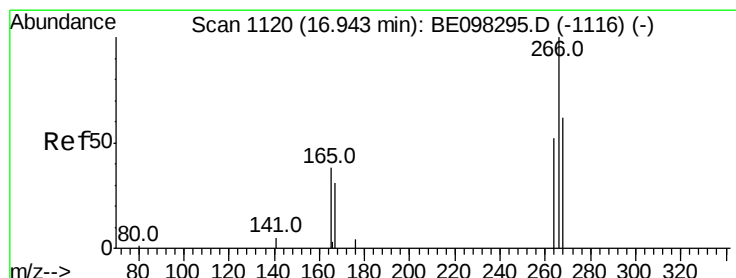
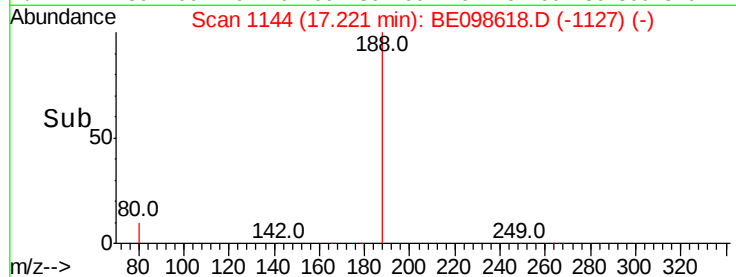
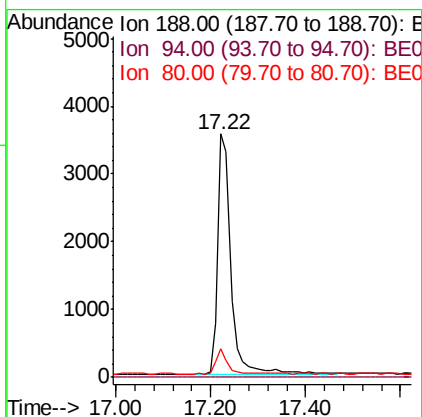
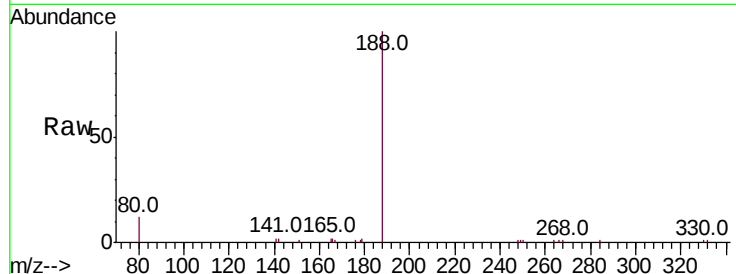
Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 7031

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	7.2	10.8#



#22

Pentachlorophenol

Concen: 0.032 ng

RT: 16.89 min Scan# 1116

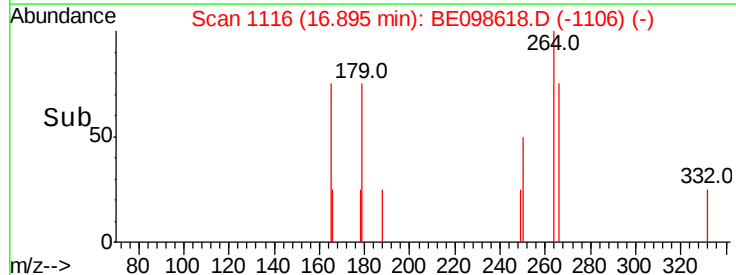
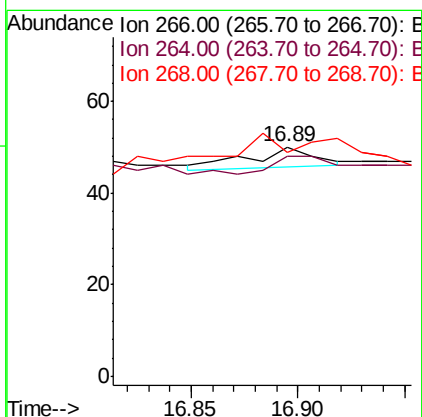
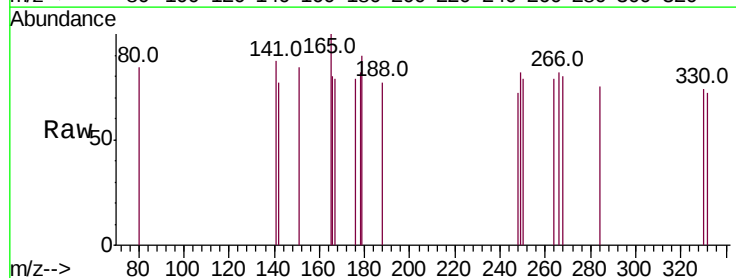
Delta R.T. 0.01 min

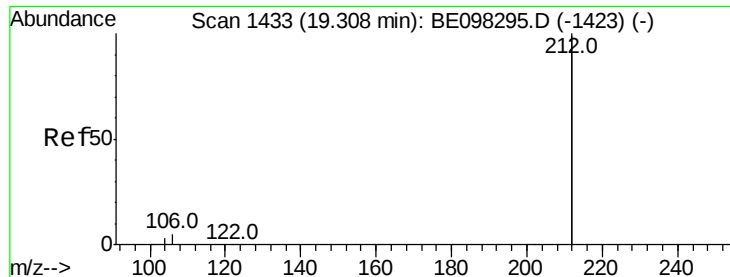
Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	96.0	59.0	88.4#
268	98.0	55.1	82.7#





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Instrument :

BNA_E

ClientSampleId :

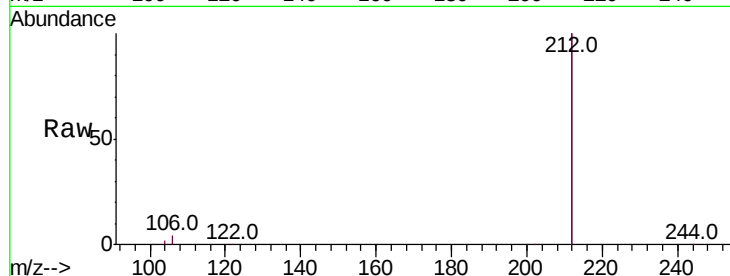
Tot Ion:212 Resp: 38291

Ion Ratio Lower Upper

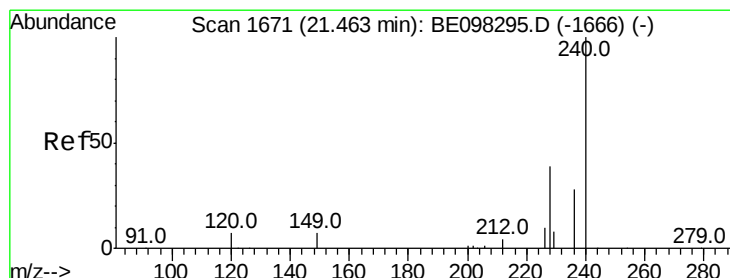
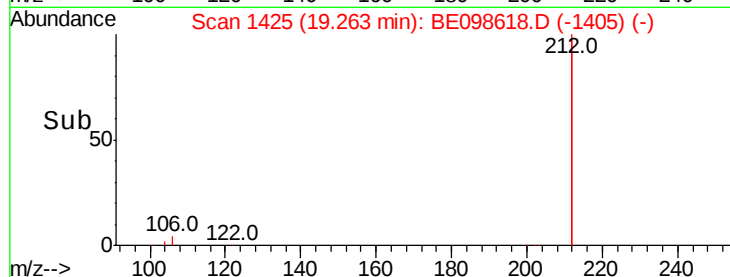
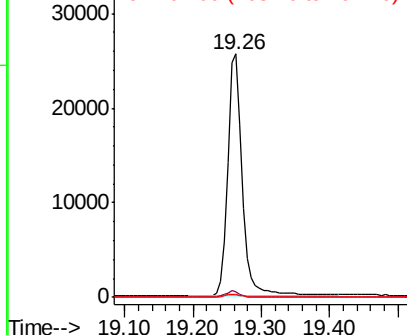
212 100

106 2.2 2.2 3.2

104 1.3 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: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

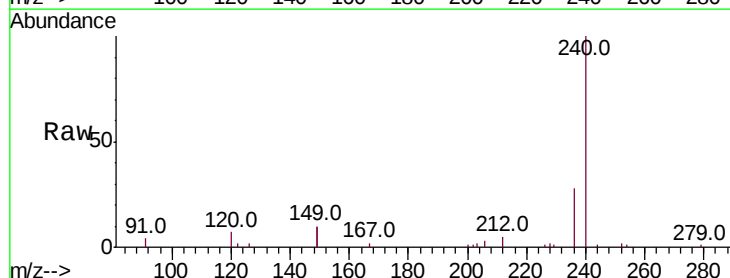
Tgt Ion:240 Resp: 8116

Ion Ratio Lower Upper

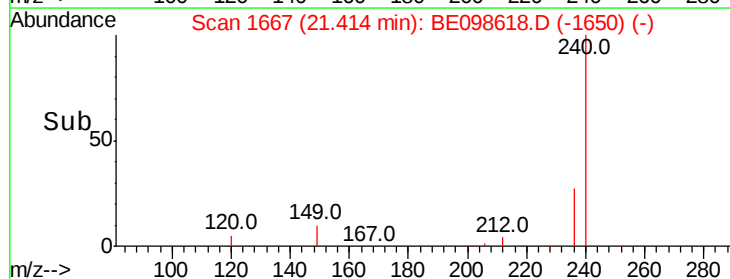
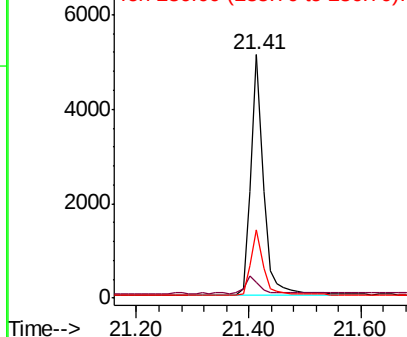
240 100

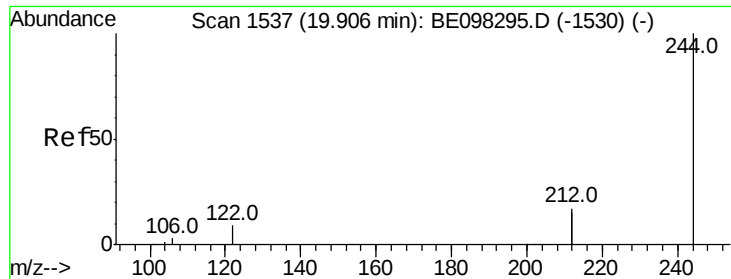
120 6.6 9.5 14.3#

236 27.8 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: 0.487 ng

RT: 19.85 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Instrument :

BNA_E

ClientSampleId :

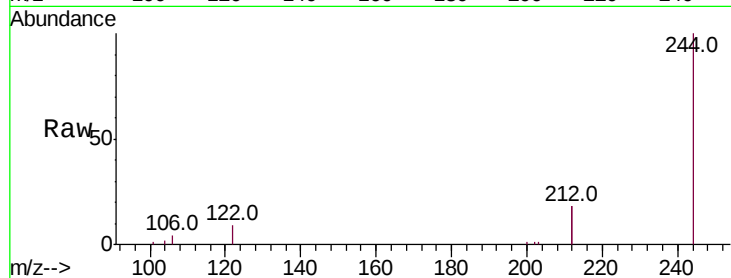
Tot Ion:244 Resp: 9602

Ion Ratio Lower Upper

244 100

212 36.3 27.4 41.0

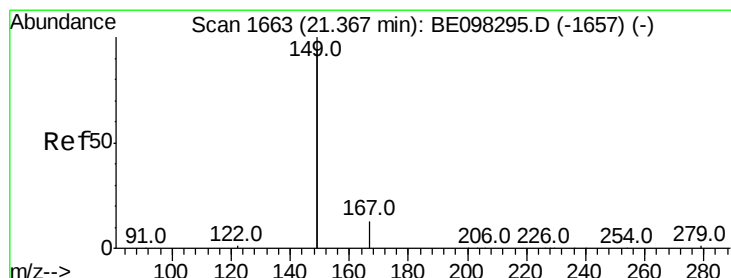
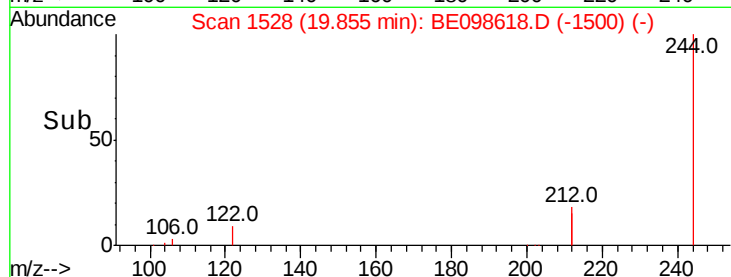
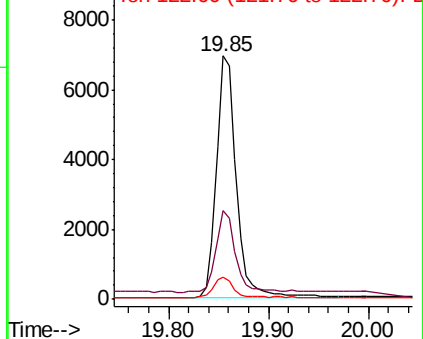
122 9.3 8.3 12.5



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: 0.055 ng

RT: 21.32 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

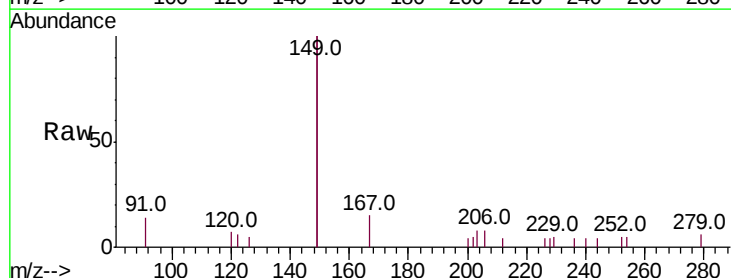
Tgt Ion:149 Resp: 2574

Ion Ratio Lower Upper

149 100

167 8.7 5.7 8.5#

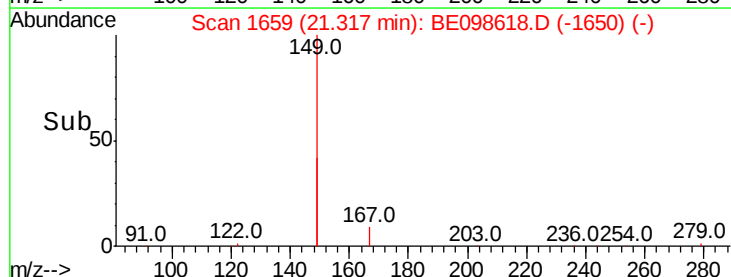
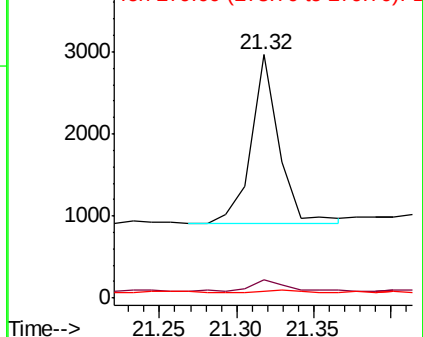
279 1.6 1.0 1.4#

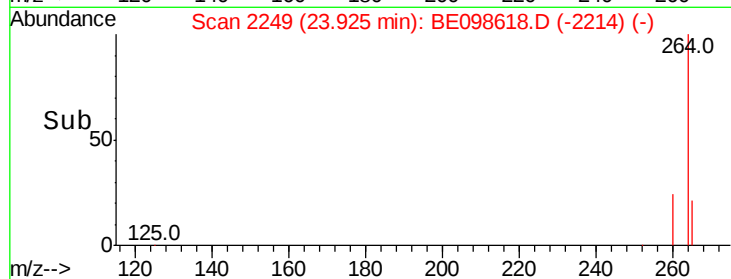
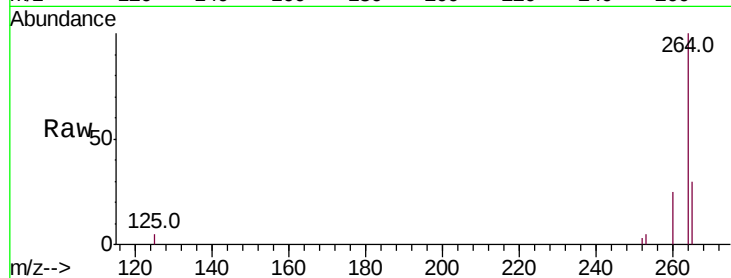
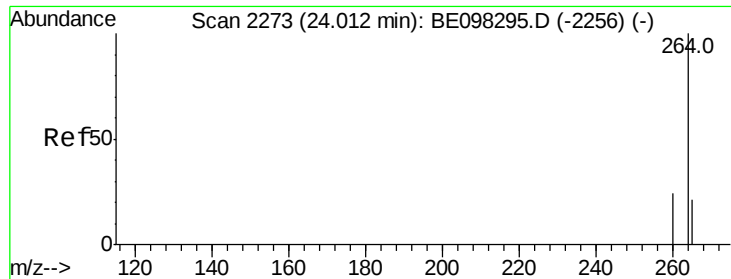


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2249

Delta R.T. -0.03 min

Lab File: BE098618.D

Acq: 4 Jan 2019 16:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7887

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

265 30.0 25.2 37.8

