

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098353.D
 Acq On : 12 Dec 2018 4:12
 Operator : SJ/JU
 Sample : J6314-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:26:16 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

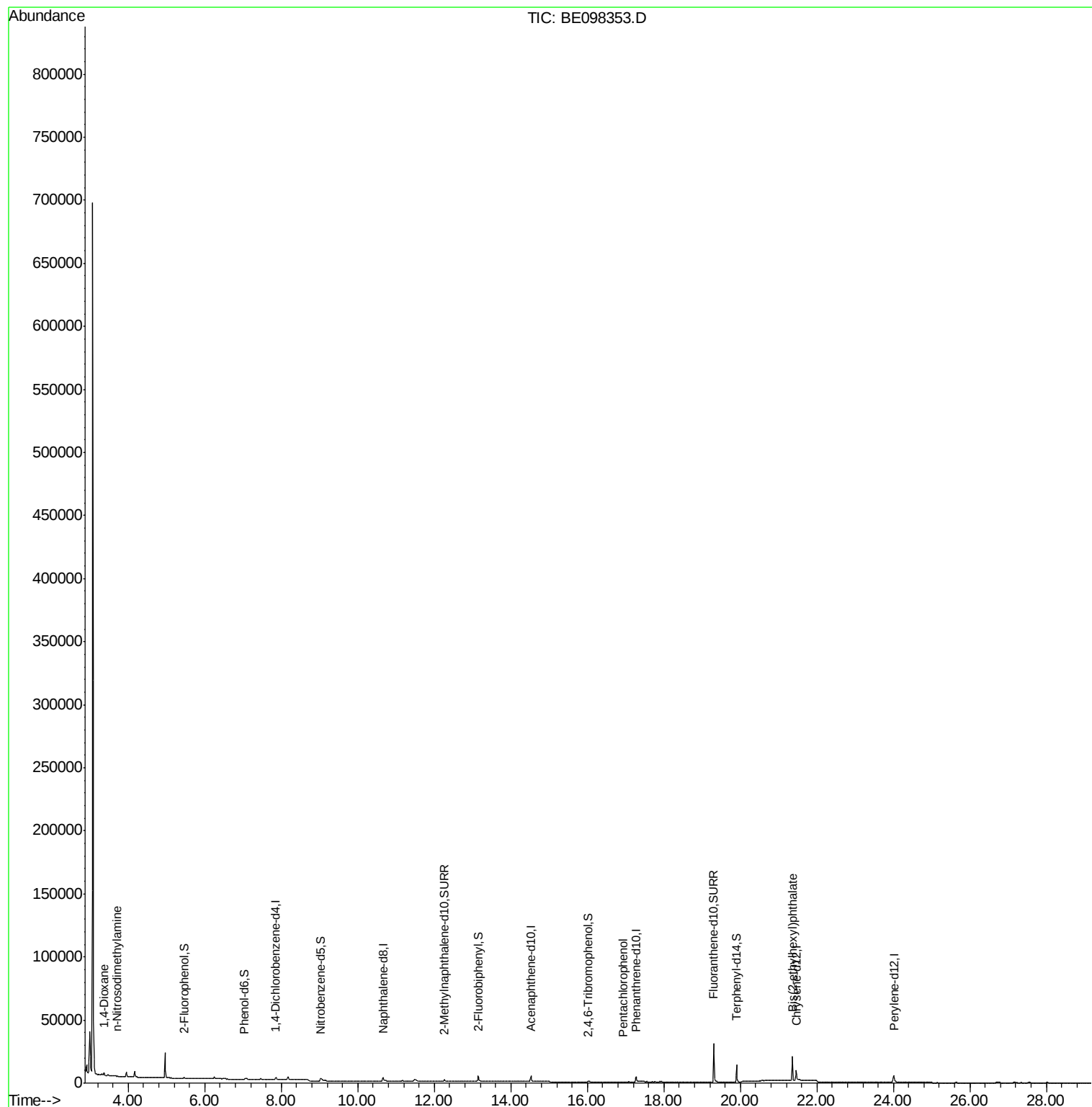
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1116	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4737	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3066	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8202	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9839	0.40	ng	0.00
34) Perylene-d12	24.01	264	9466	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	457	0.17	ng	0.00
5) Phenol-d6	7.04	99	328	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1843	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3207	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	508	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6306	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	48130	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	13595	0.57	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	1243	0.644	ng	Qvalue # 72
3) n-Nitrosodimethylamine	3.70	42	40	0.023	ng	# 100
22) Pentachlorophenol	16.94	266	34	0.063	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.37	149	23276	0.409	ng	100

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

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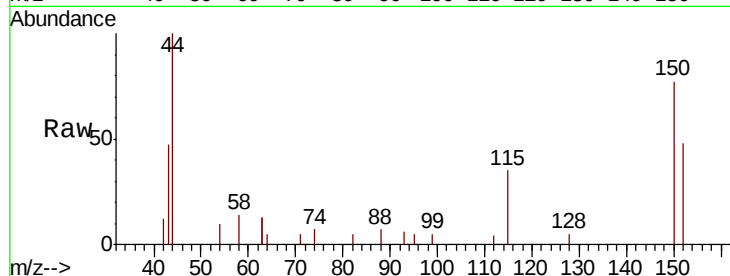


#1

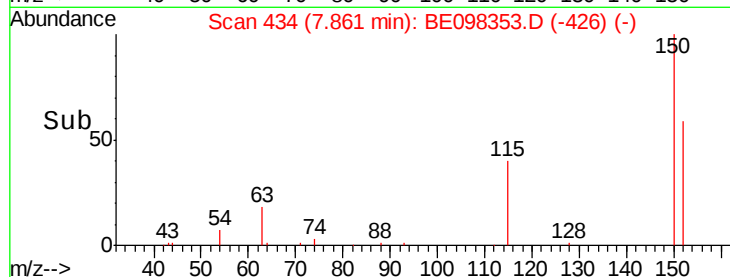
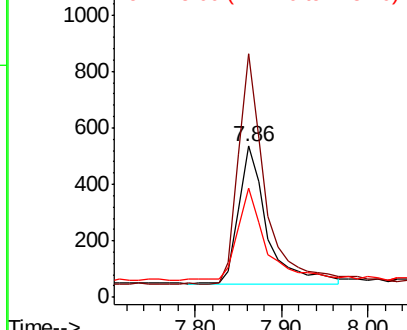
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098353.D
Acq: 12 Dec 2018 4:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1116
Ion Ratio Lower Upper
152 100
150 160.8 124.2 186.4
115 72.0 53.9 80.9



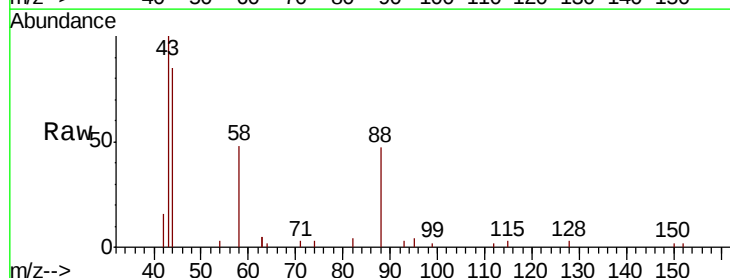
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



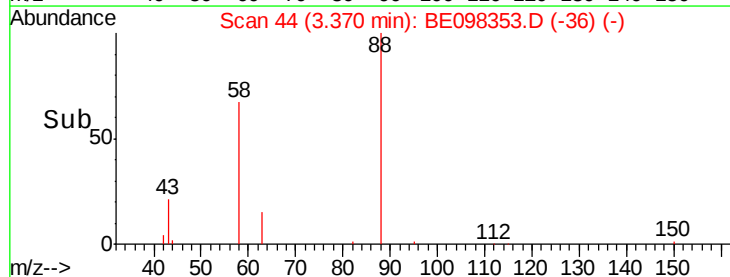
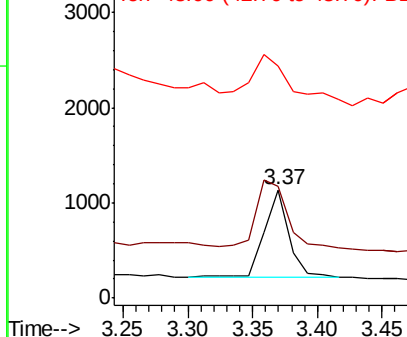
#2

1,4-Dioxane
Concen: 0.644 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098353.D
Acq: 12 Dec 2018 4:12

Tgt Ion: 88 Resp: 1243
Ion Ratio Lower Upper
88 100
58 98.4 75.0 112.6
43 97.7 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





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098353.D

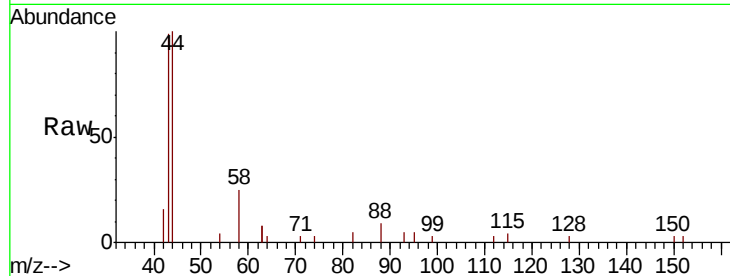
Acq: 12 Dec 2018 4:12

Instrument :

BNA_E

ClientSampleId :

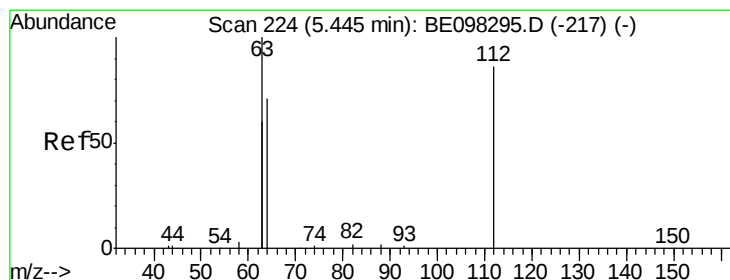
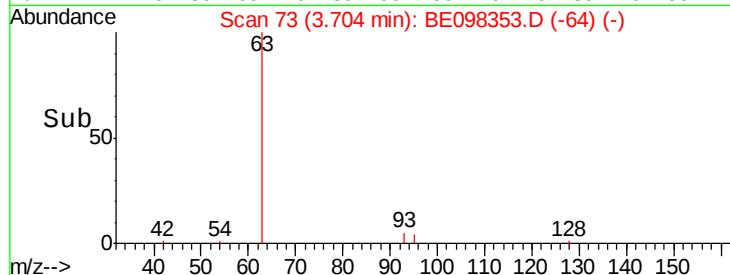
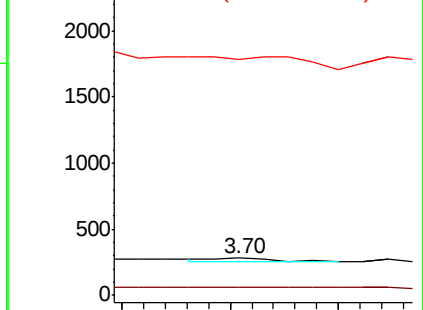
Tot Ion:	42	Resp:	40
Ion	Ratio	Lower	Upper
42	100		
74	15.0	0.0	0.0#
44	0.0	0.0	0.0



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: 0.175 ng

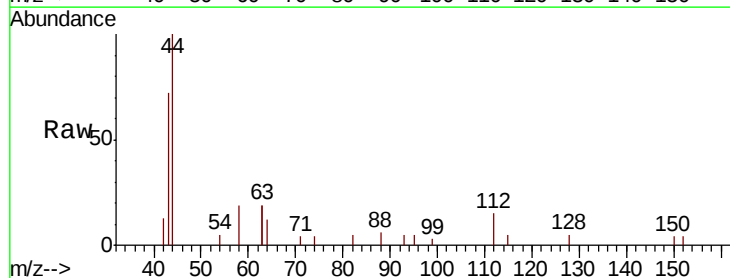
RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

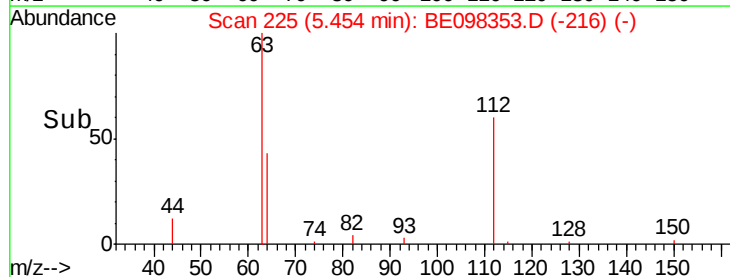
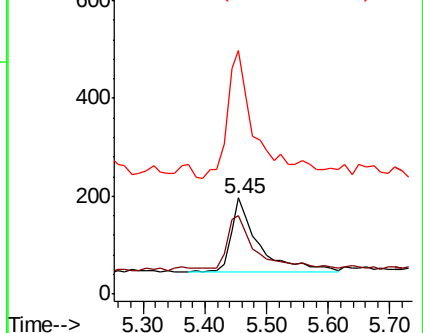
Tgt Ion:	112	Resp:	457
Ion	Ratio	Lower	Upper
112	100		
64	75.1	59.8	89.8
63	170.9	133.7	200.5

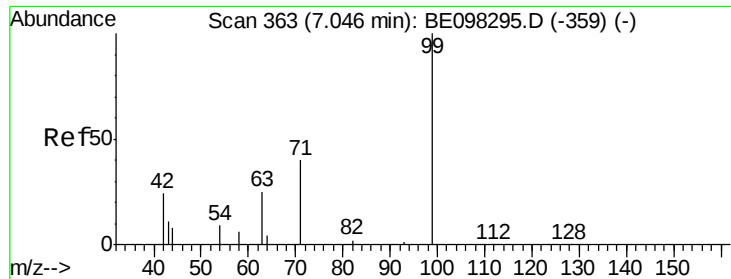


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.089 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

Instrument :

BNA_E

ClientSampleId :

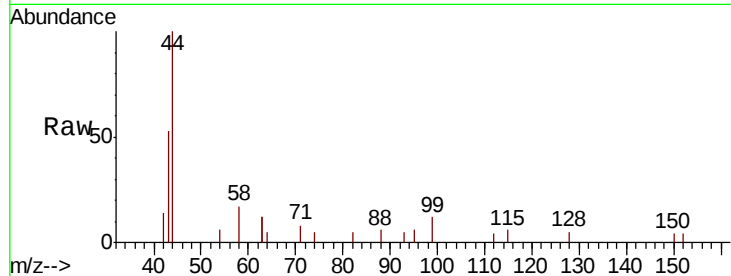
Tot Ion: 99 Resp: 328

Ion Ratio Lower Upper

99 100

42 29.6 26.3 39.5

71 49.4 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

7.04

150

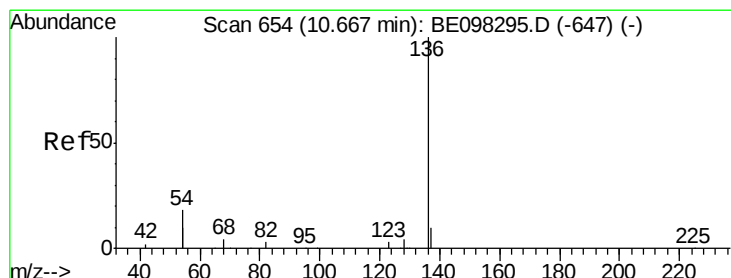
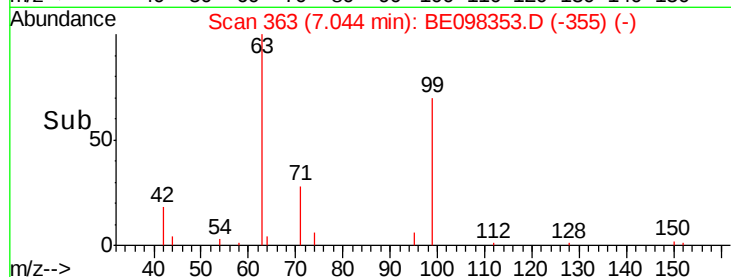
100

50

0

7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

Tgt Ion: 136 Resp: 4737

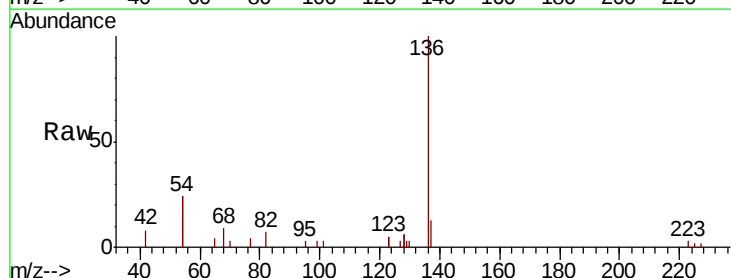
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 47.6 28.4 42.6#

68 8.8 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

10.67

2500

2000

1500

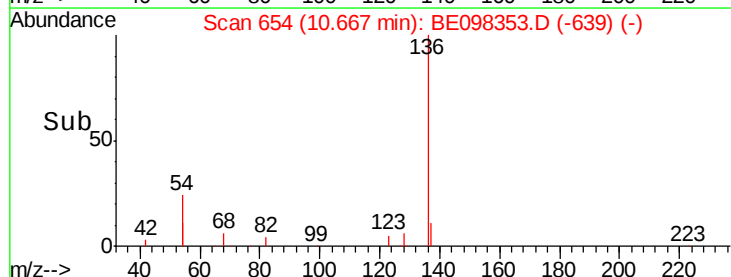
1000

500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.427 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

Instrument :

BNA_E

ClientSampled :

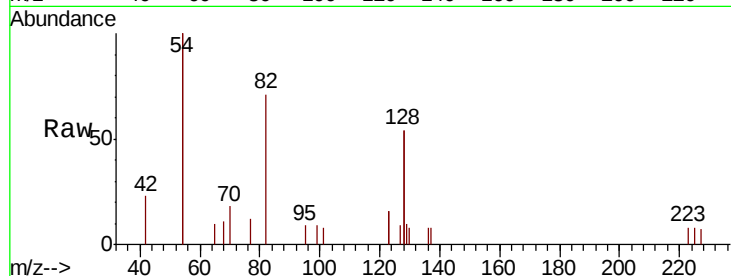
Tot Ion: 82 Resp: 1843

Ion Ratio Lower Upper

82 100

128 152.1 102.4 153.6

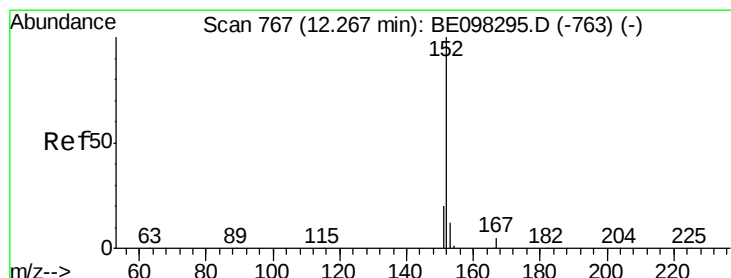
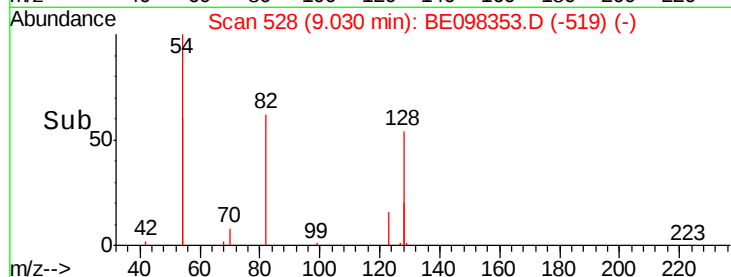
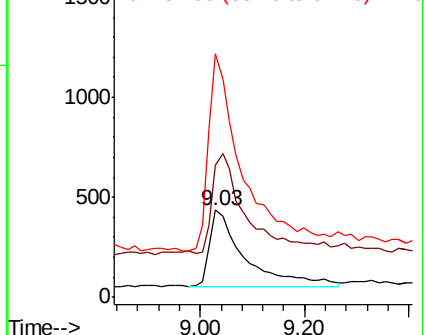
54 280.6 221.8 332.8



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: 0.416 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098353.D

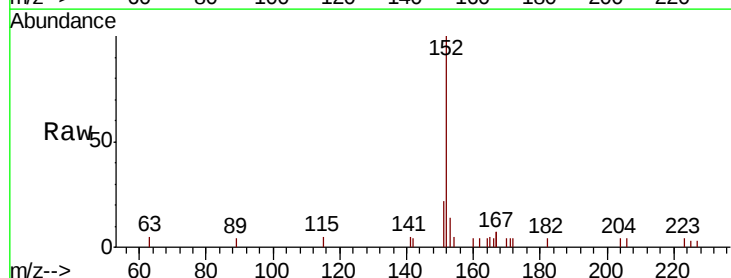
Acq: 12 Dec 2018 4:12

Tgt Ion:152 Resp: 3207

Ion Ratio Lower Upper

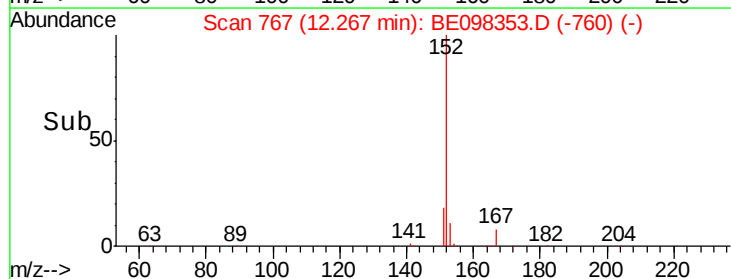
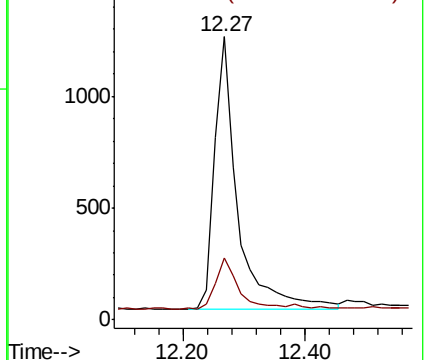
152 100

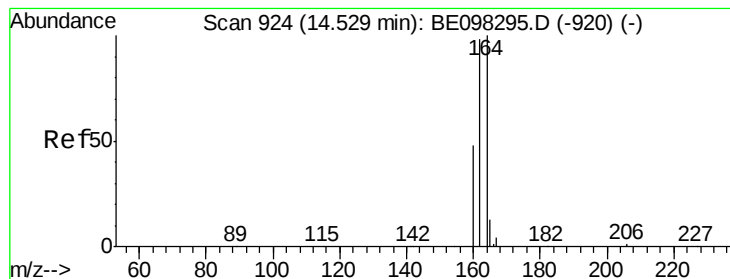
151 18.2 16.2 24.4



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: BE098353.D

Acq: 12 Dec 2018 4:12

Instrument :

BNA_E

ClientSampleId :

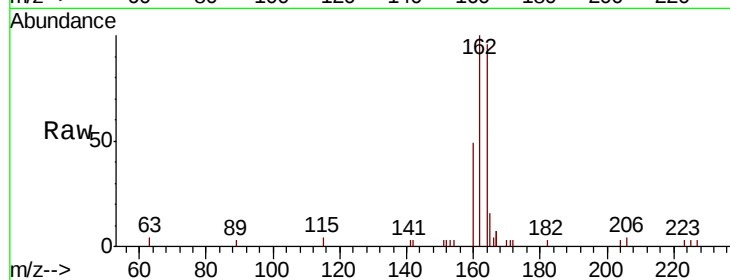
Tot Ion:164 Resp: 3066

Ion Ratio Lower Upper

164 100

162 104.5 77.6 116.4

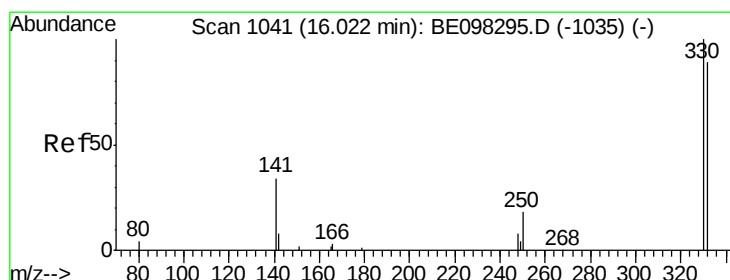
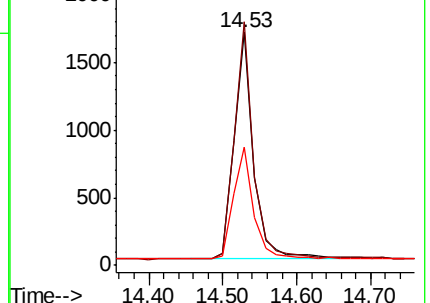
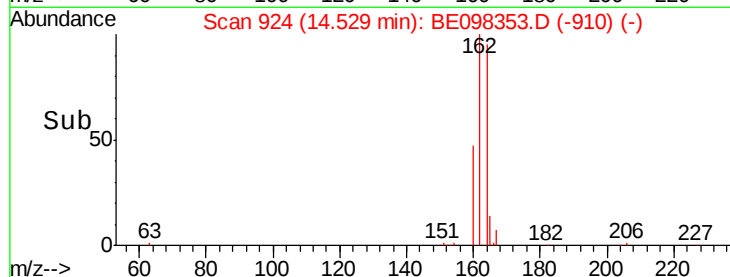
160 50.8 36.0 54.0



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: 0.451 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

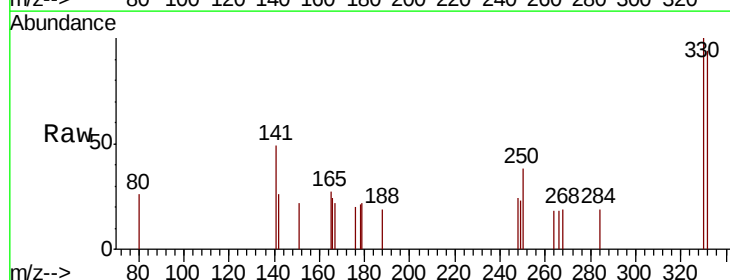
Tgt Ion:330 Resp: 508

Ion Ratio Lower Upper

330 100

332 93.7 76.2 114.4

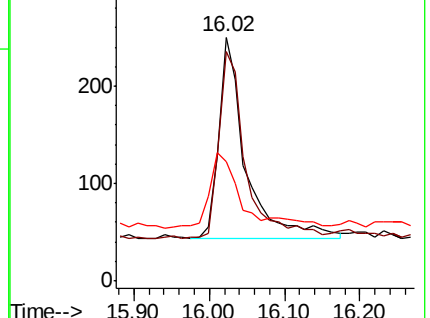
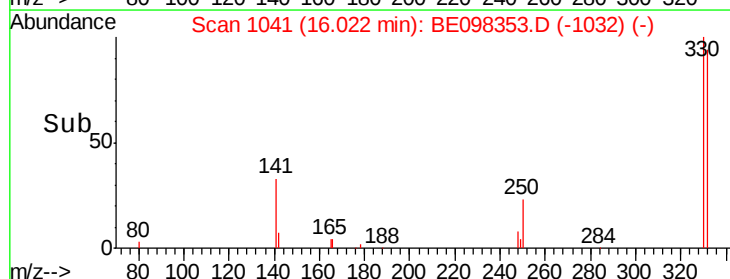
141 39.6 39.0 58.4

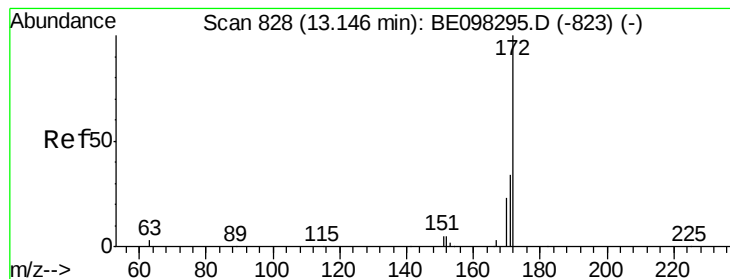


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

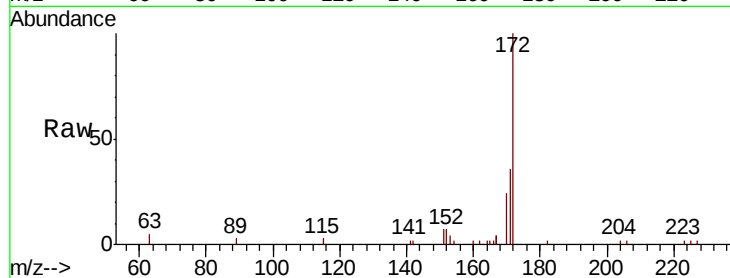




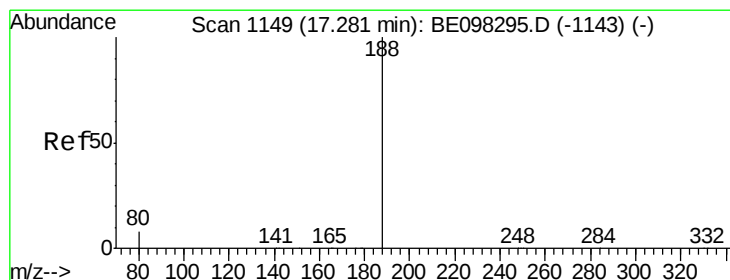
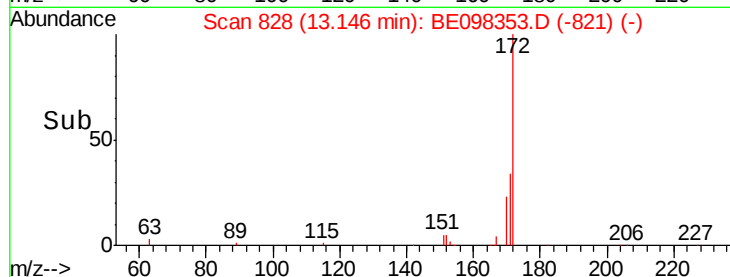
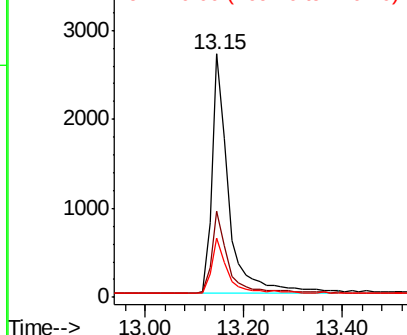
#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098353.D
Acq: 12 Dec 2018 4:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6306
Ion Ratio Lower Upper
172 100
171 35.6 27.5 41.3
170 24.4 19.6 29.4

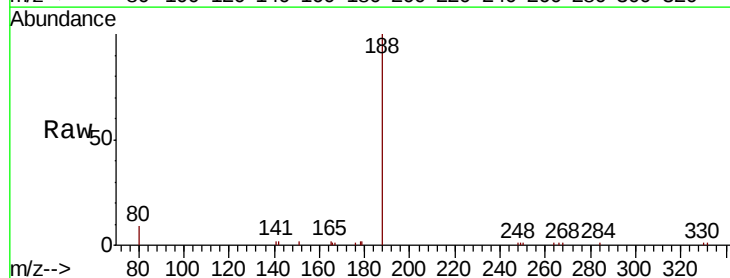


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

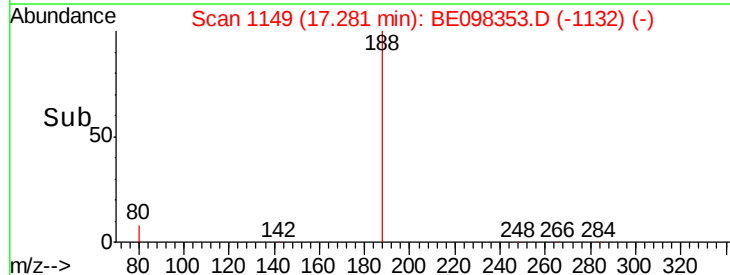
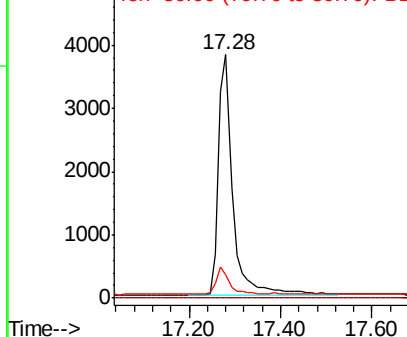


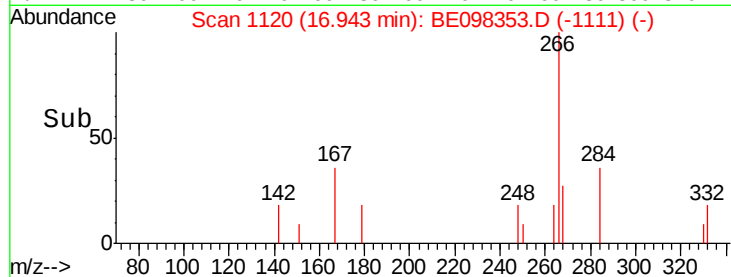
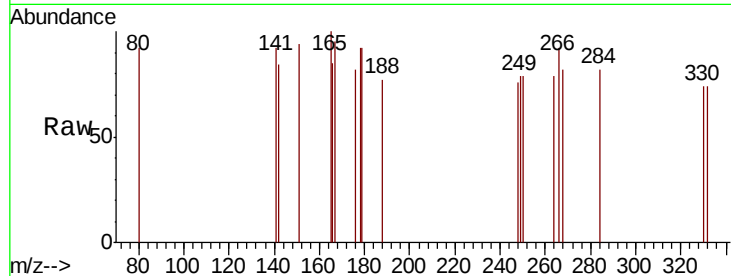
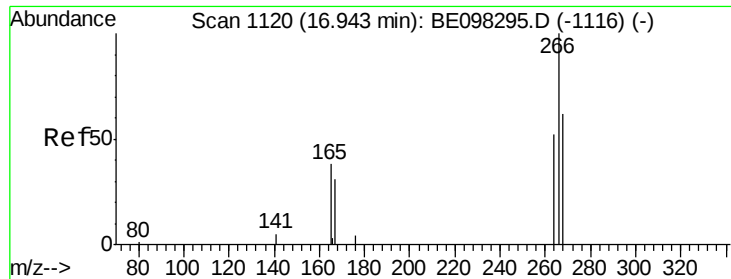
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098353.D
Acq: 12 Dec 2018 4:12

Tgt Ion:188 Resp: 8202
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 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

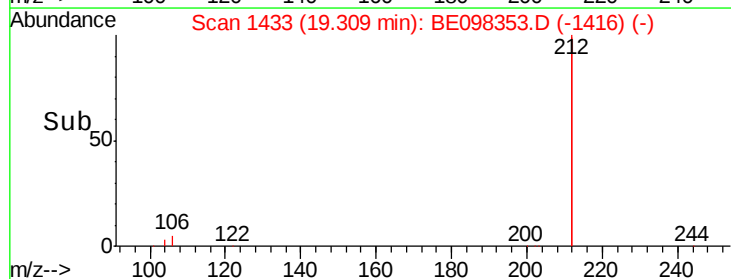
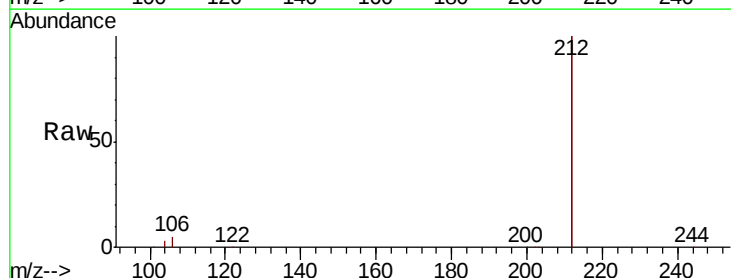
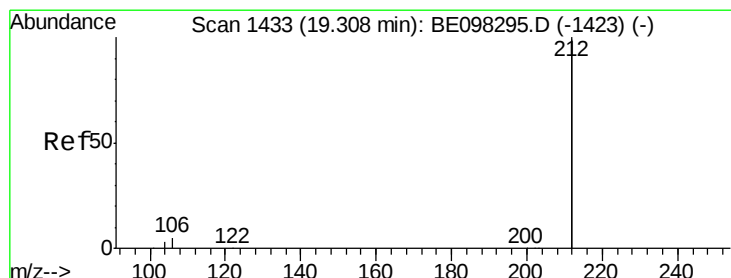
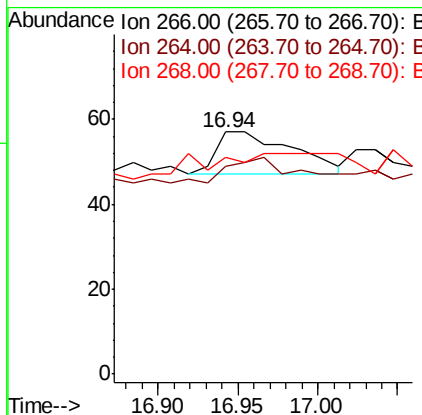




#22
 Pentachlorophenol
 Concen: 0.063 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098353.D
 Acq: 12 Dec 2018 4:12

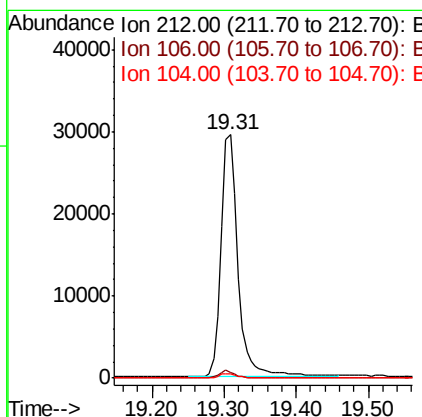
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 34
 Ion Ratio Lower Upper
 266 100
 264 86.0 59.0 88.4
 268 89.5 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.457 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098353.D
 Acq: 12 Dec 2018 4:12

Tgt Ion:212 Resp: 48130
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.3 1.9

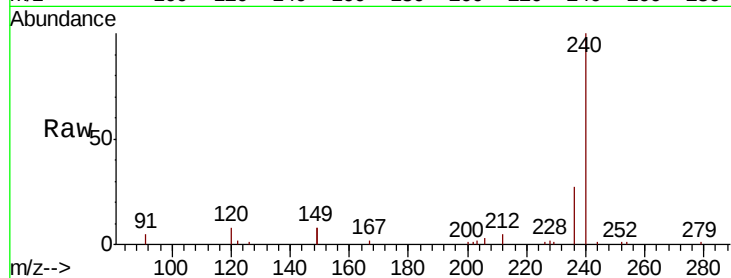




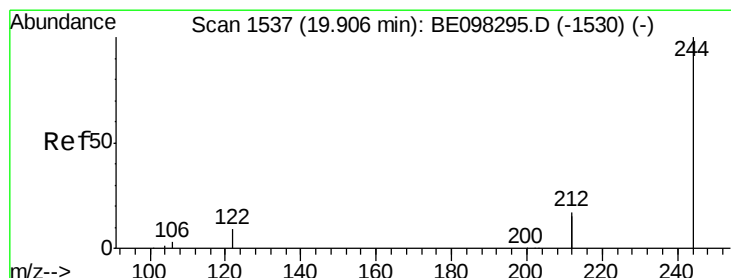
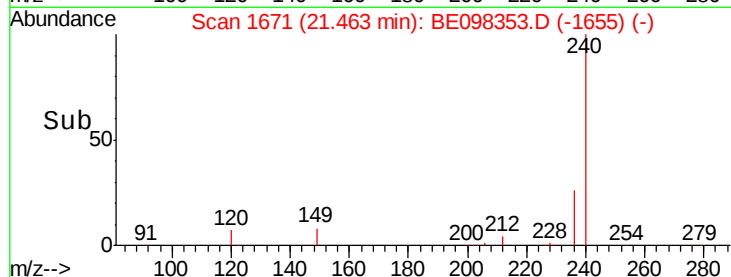
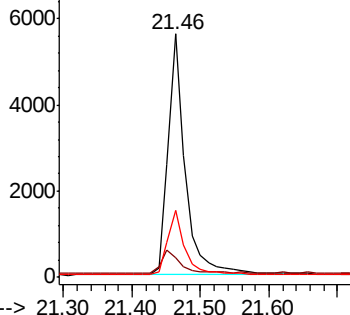
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098353.D
 Acq: 12 Dec 2018 4:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 9839
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.5 14.3#
 236 27.3 22.7 34.1

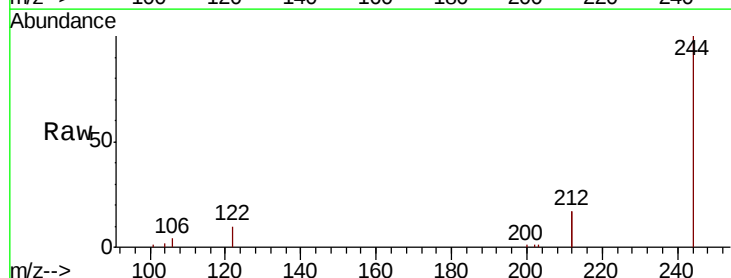


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

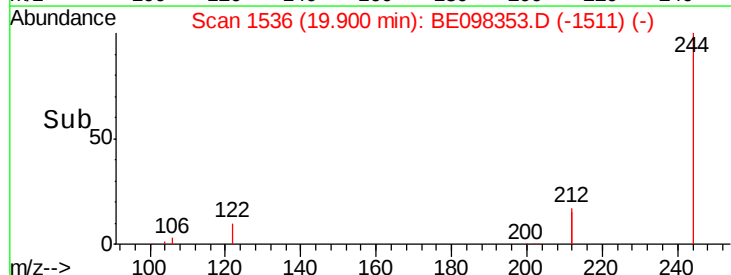
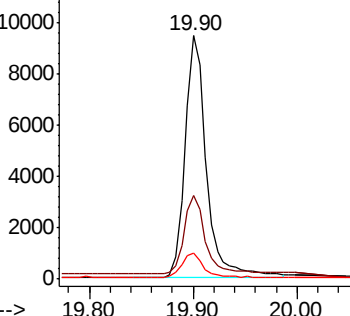


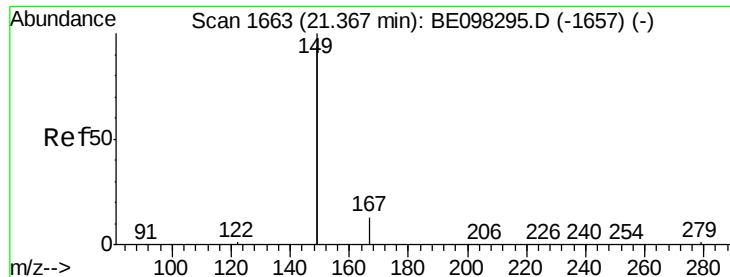
#29
 Terphenyl-d14
 Concen: 0.569 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098353.D
 Acq: 12 Dec 2018 4:12

Tgt Ion:244 Resp: 13595
 Ion Ratio Lower Upper
 244 100
 212 34.5 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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.409 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

Instrument :

BNA_E

ClientSampleId :

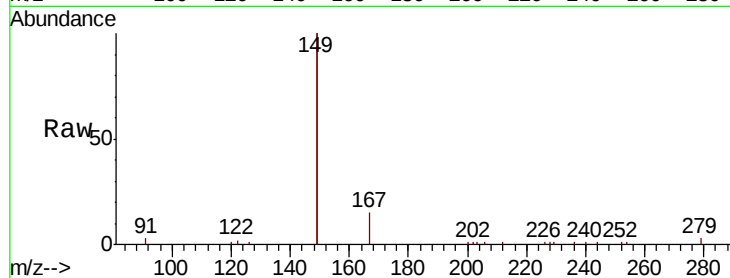
Tot Ion:149 Resp: 23276

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

279 1.1 1.0 1.4

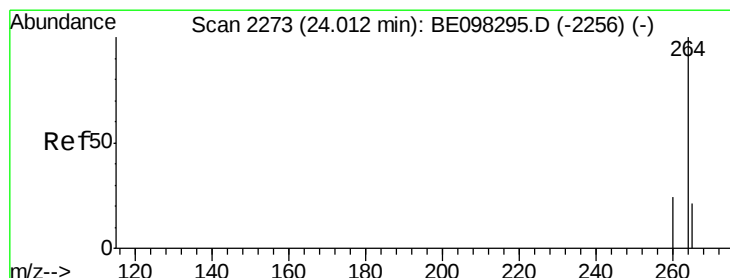
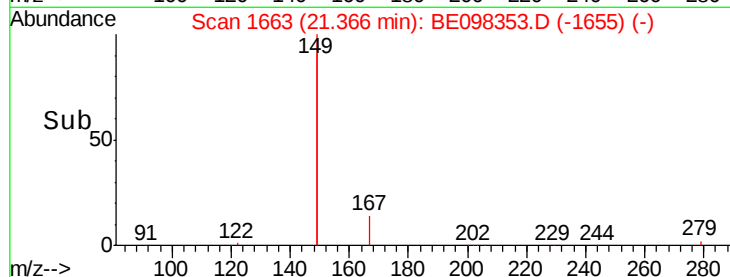
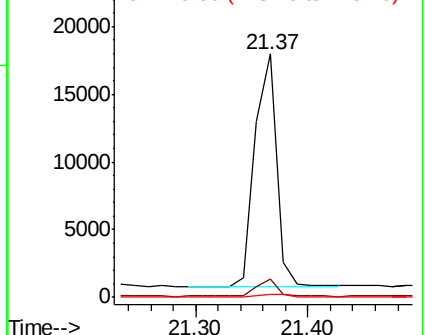


Abundance

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# 2272

Delta R.T. -0.00 min

Lab File: BE098353.D

Acq: 12 Dec 2018 4:12

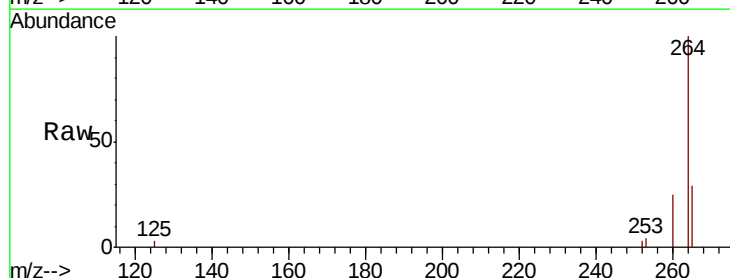
Tgt Ion:264 Resp: 9466

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.2

265 28.8 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

