

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098326.D
 Acq On : 11 Dec 2018 10:06
 Operator : SJ/JU
 Sample : J6259-22DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 11 11:00:02 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

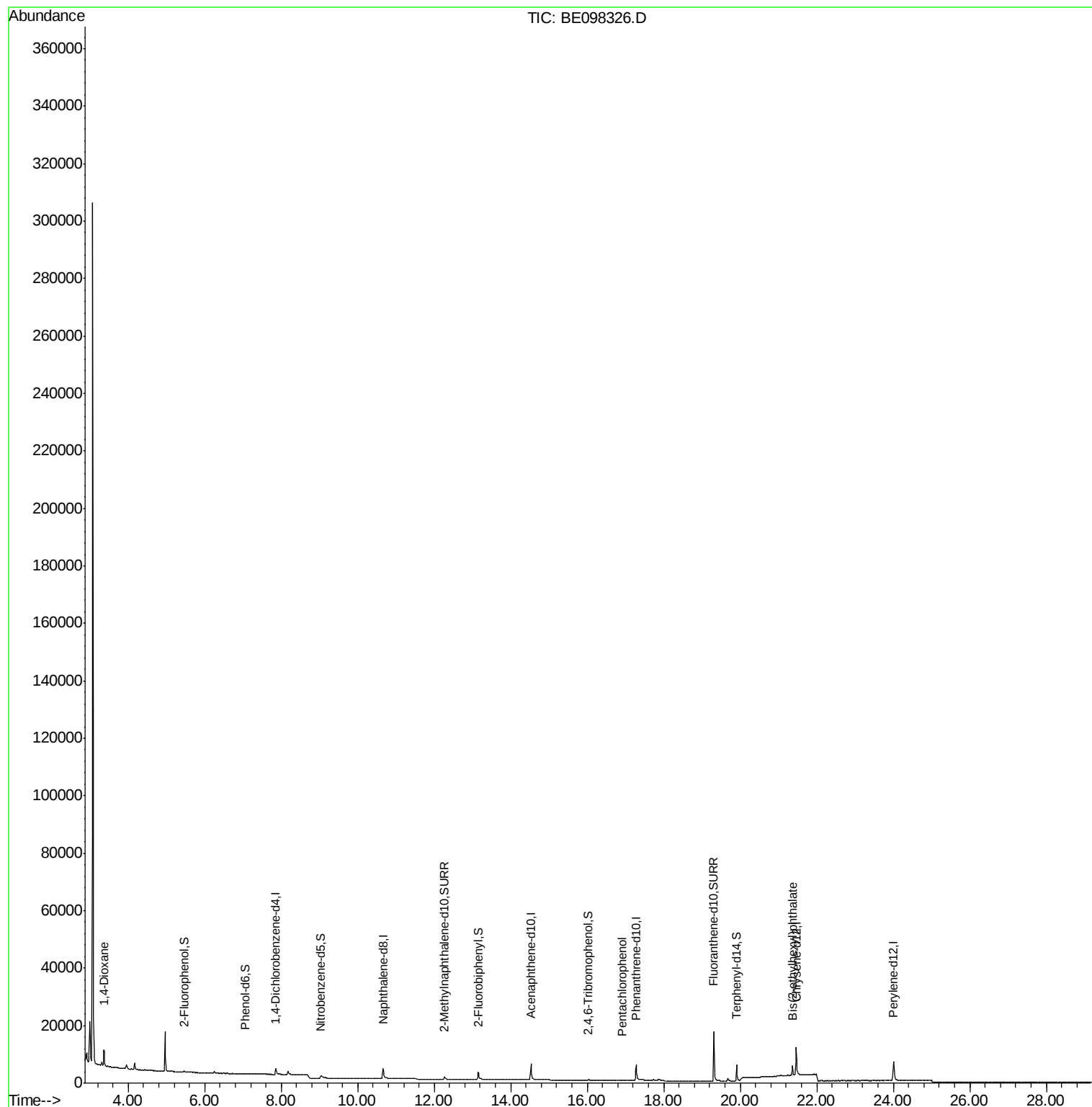
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1262	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5552	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3722	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9874	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12347	0.40	ng	0.00
34) Perylene-d12	24.01	264	11543	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	276	0.09	ng	0.00
5) Phenol-d6	7.05	99	184	0.04	ng	0.00
8) Nitrobenzene-d5	9.04	82	1000	0.20	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	1813	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	260	0.19	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4135	0.26	ng	0.00
25) Fluoranthene-d10	19.31	212	28180	0.22	ng	0.00
29) Terphenyl-d14	19.91	244	6495	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	3604	1.651	ng	98
22) Pentachlorophenol	16.92	266	8	0.025	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.37	149	5022	0.070	ng	# 96

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

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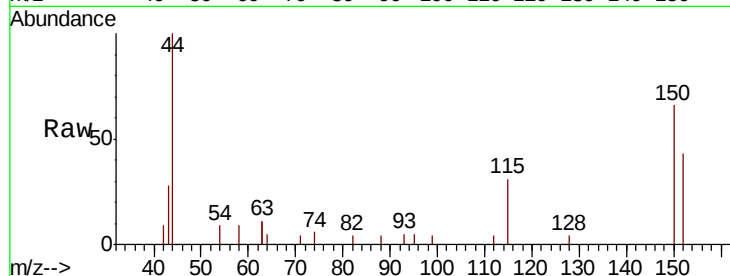


#1

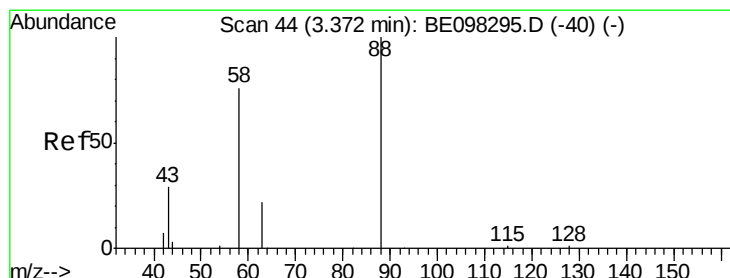
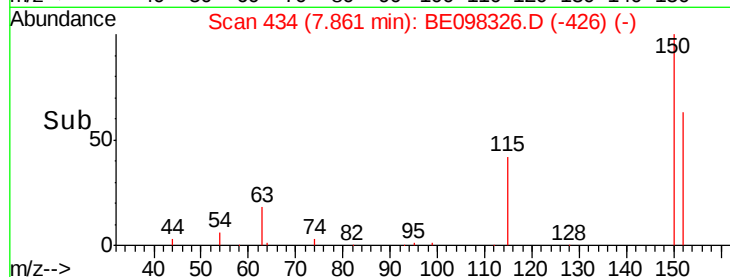
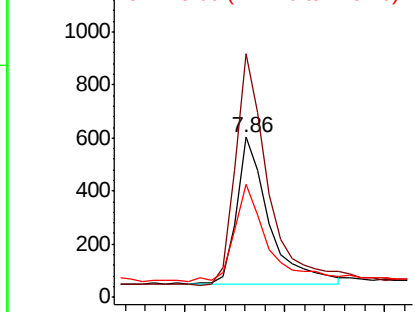
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098326.D
Acq: 11 Dec 2018 10:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1262
Ion Ratio Lower Upper
152 100
150 152.3 124.2 186.4
115 70.8 53.9 80.9



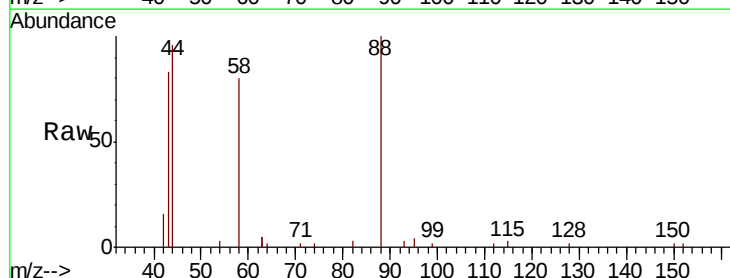
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



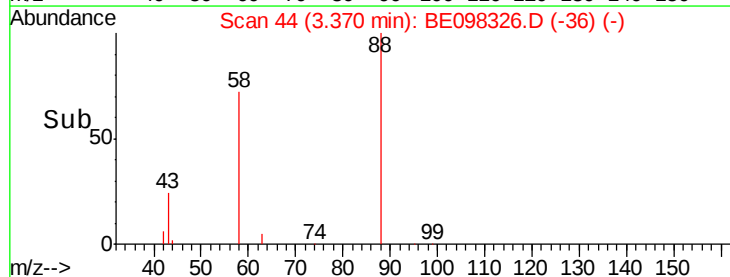
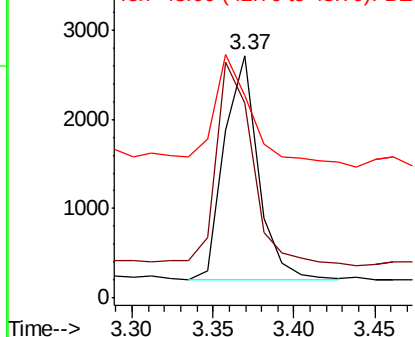
#2

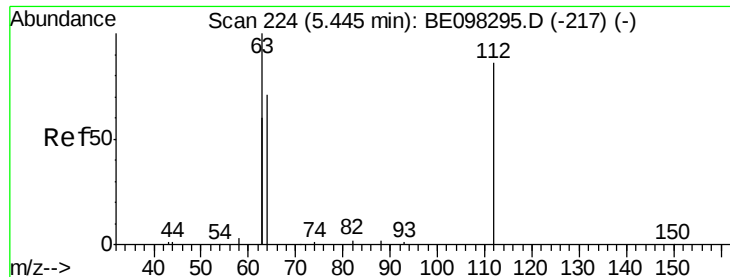
1,4-Dioxane
Concen: 1.651 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098326.D
Acq: 11 Dec 2018 10:06

Tgt Ion: 88 Resp: 3604
Ion Ratio Lower Upper
88 100
58 95.3 75.0 112.6
43 49.1 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: 0.093 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

Instrument :

BNA_E

ClientSampled :

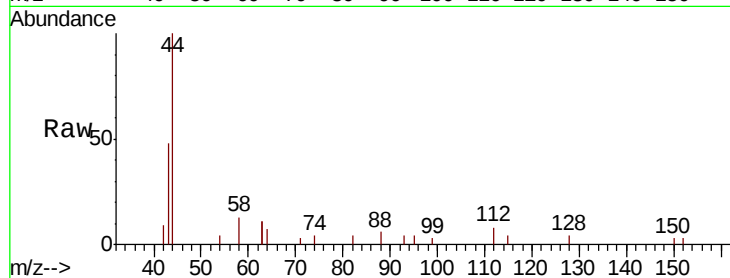
Tot Ion:112 Resp: 276

Ion Ratio Lower Upper

112 100

64 71.4 59.8 89.8

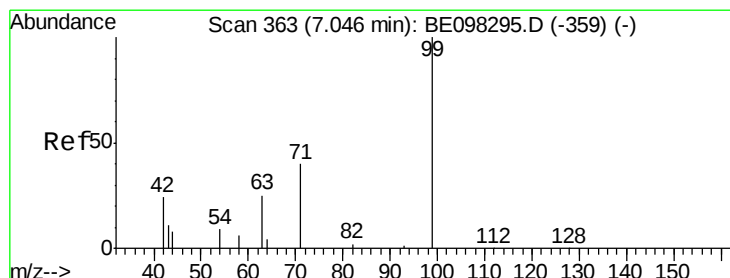
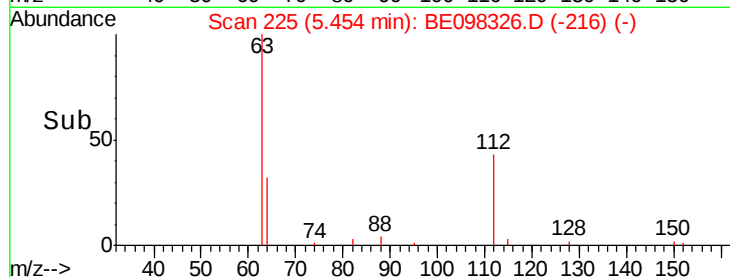
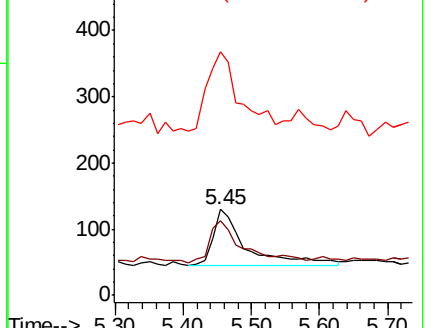
63 147.8 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.044 ng

RT: 7.05 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

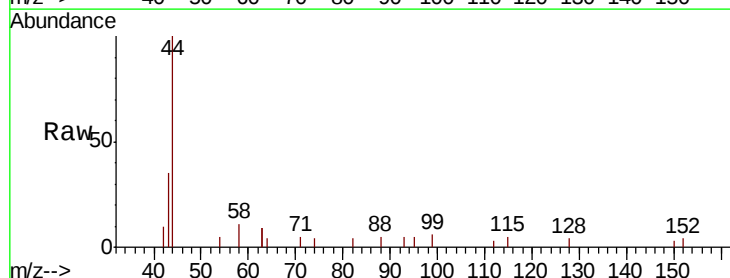
Tgt Ion: 99 Resp: 184

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

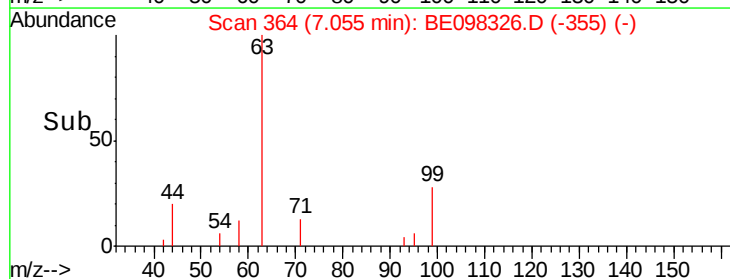
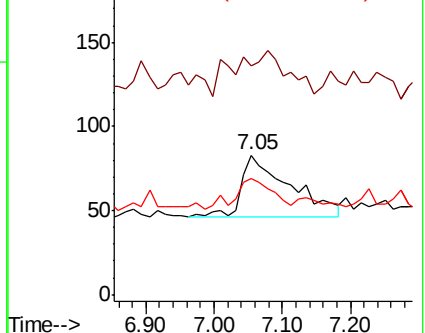
71 36.4 33.6 50.4

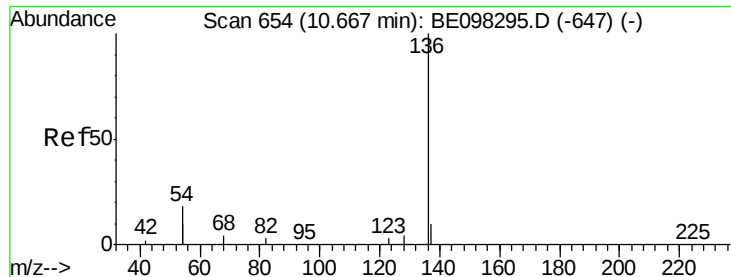


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098326.D

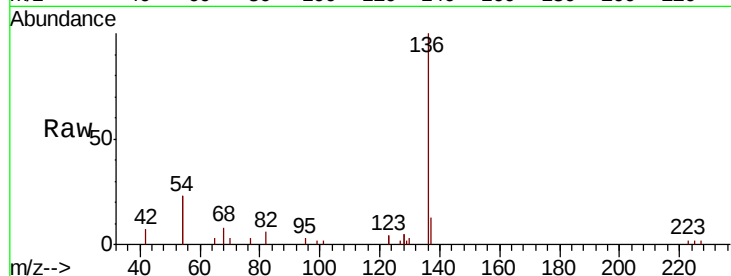
Acq: 11 Dec 2018 10:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	5552
Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	45.1	28.4	42.6#
68	8.0	5.4	8.0

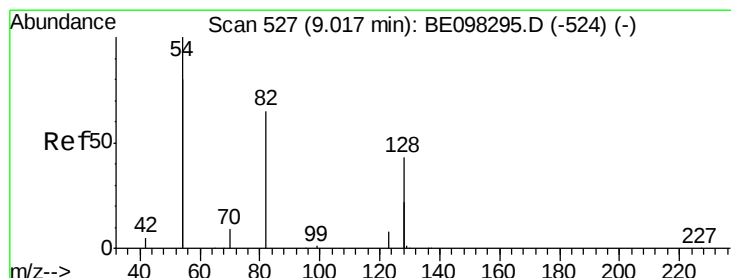
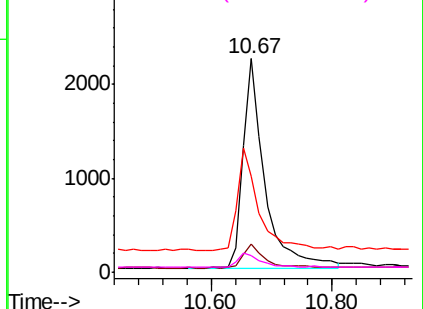
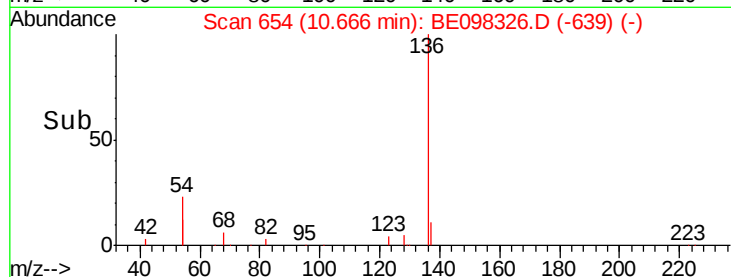


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.198 ng

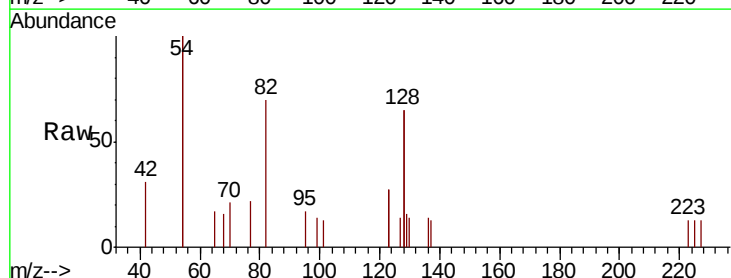
RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

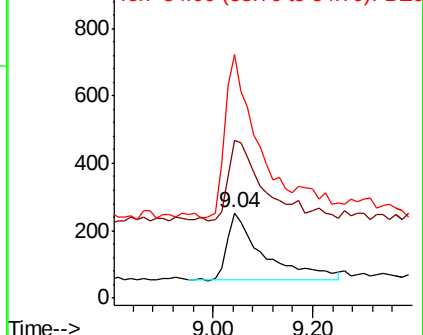
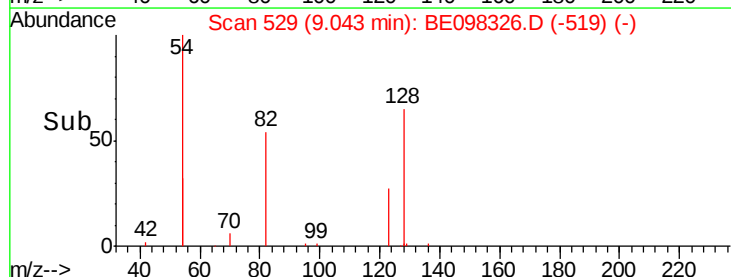
Tgt Ion:	82	Resp:	1000
Ion	Ratio	Lower	Upper
82	100		
128	185.7	102.4	153.6#
54	286.5	221.8	332.8

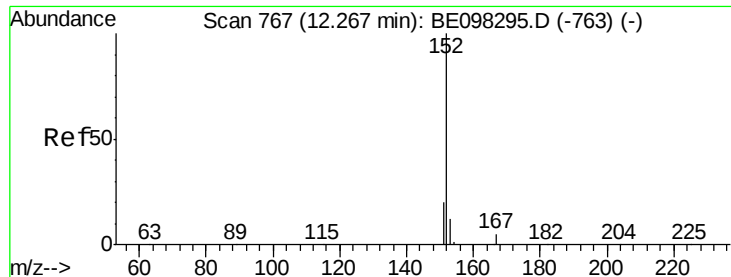


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

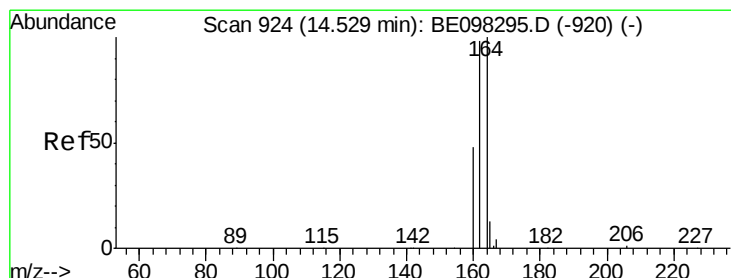
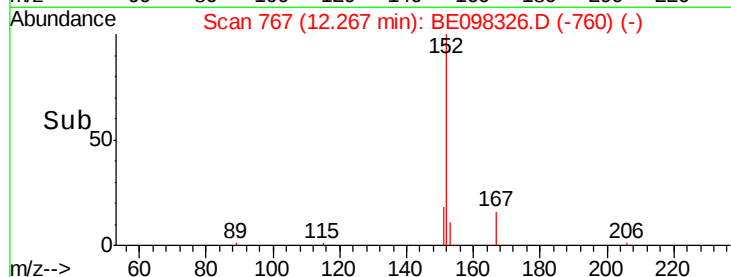
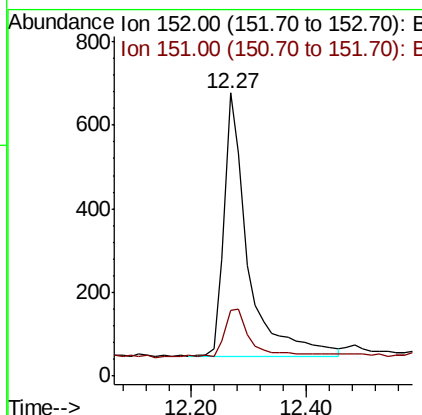
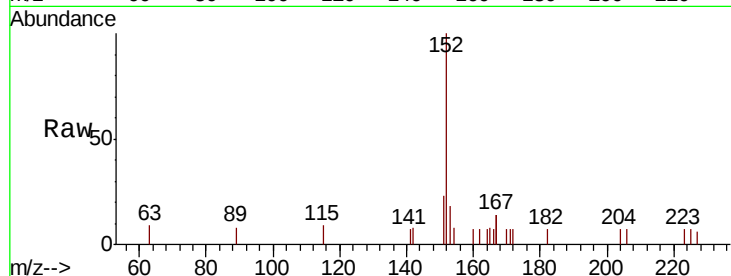




#11
 2-Methylnaphthalene-d10
 Concen: 0.201 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098326.D
 Acq: 11 Dec 2018 10:06

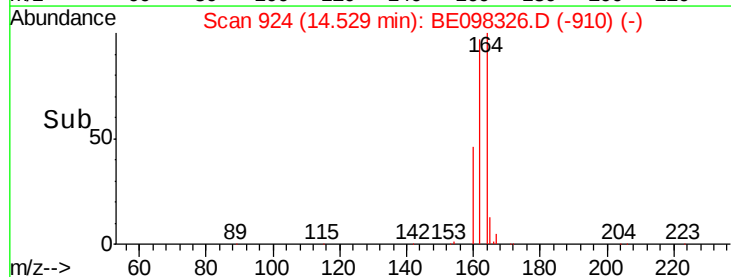
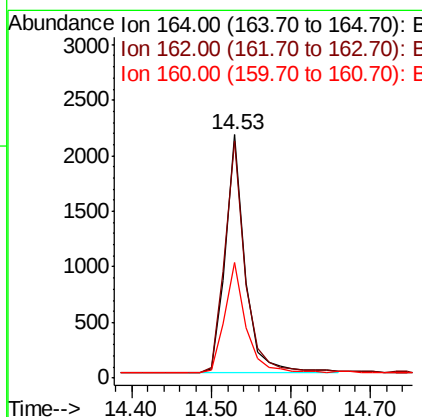
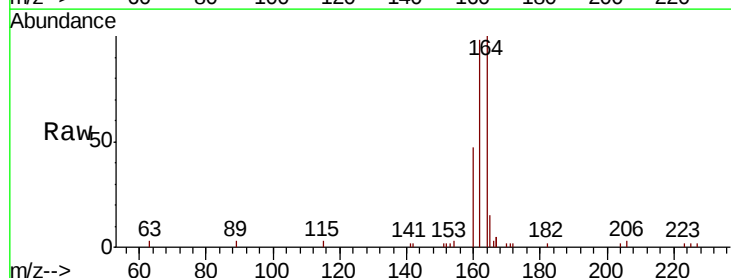
Instrument :
 BNA_E
 ClientSampleId :

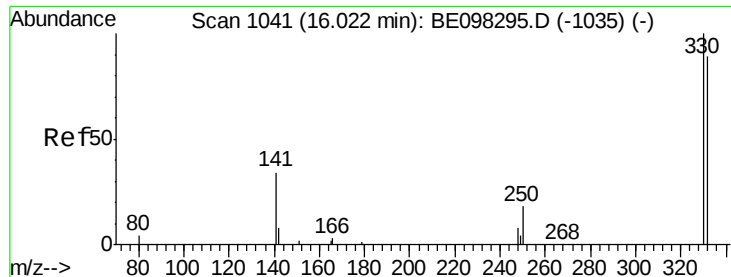
Tot Ion:152 Resp: 1813
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098326.D
 Acq: 11 Dec 2018 10:06

Tgt Ion:164 Resp: 3722
 Ion Ratio Lower Upper
 164 100
 162 97.5 77.6 116.4
 160 47.4 36.0 54.0

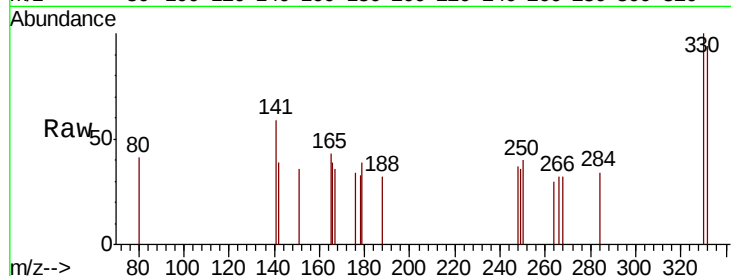




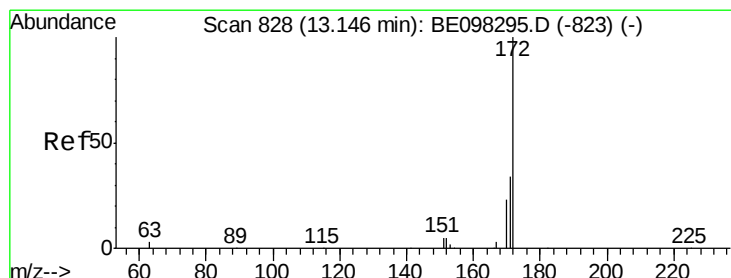
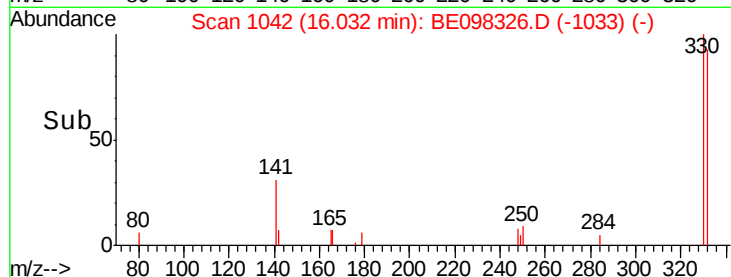
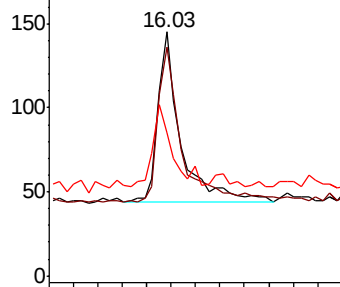
#14
 2,4,6-Tribromophenol
 Concen: 0.190 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098326.D
 Acq: 11 Dec 2018 10:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 260
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.2 114.4
 141 41.5 39.0 58.4

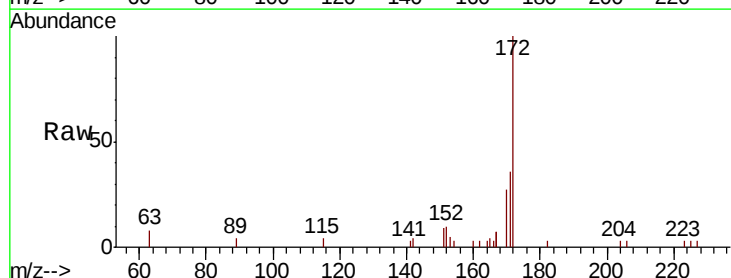


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

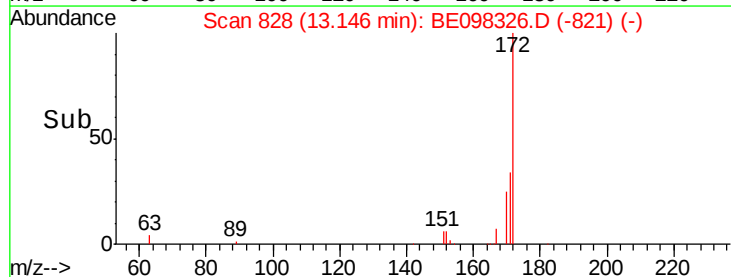
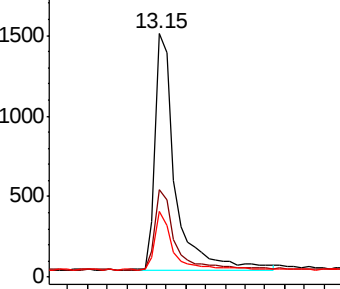


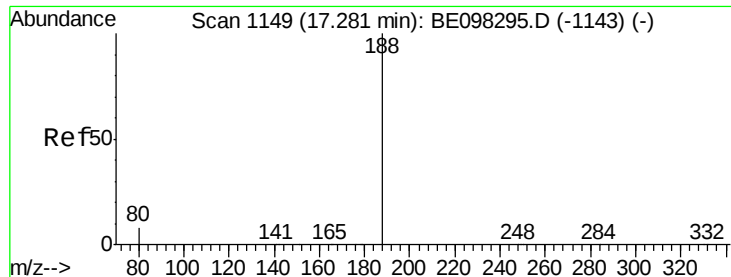
#15
 2-Fluorobiphenyl
 Concen: 0.263 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098326.D
 Acq: 11 Dec 2018 10:06

Tgt Ion:172 Resp: 4135
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.5 41.3
 170 27.0 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: BE098326.D

Acq: 11 Dec 2018 10:06

Instrument :

BNA_E

ClientSampleId :

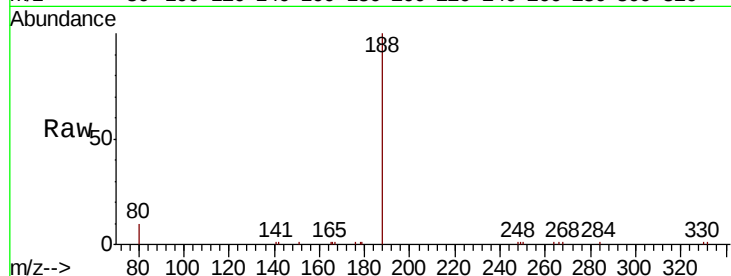
Tot Ion:188 Resp: 9874

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

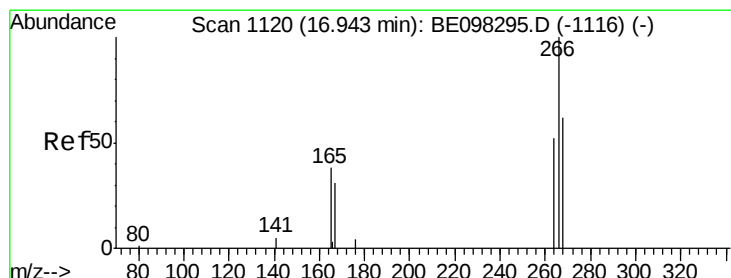
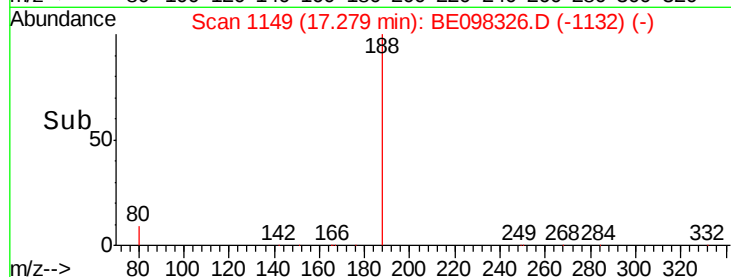
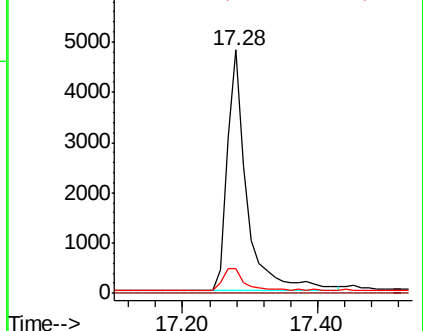
80 10.1 7.2 10.8



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



#22

Pentachlorophenol

Concen: 0.025 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

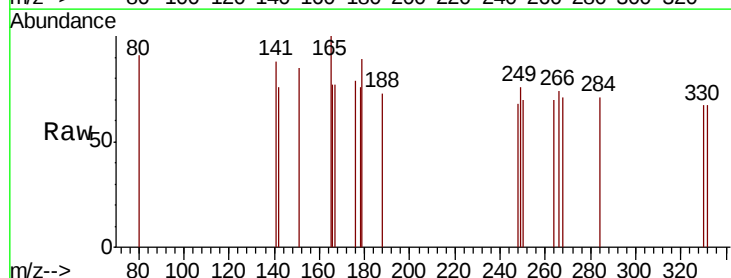
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 93.9 59.0 88.4#

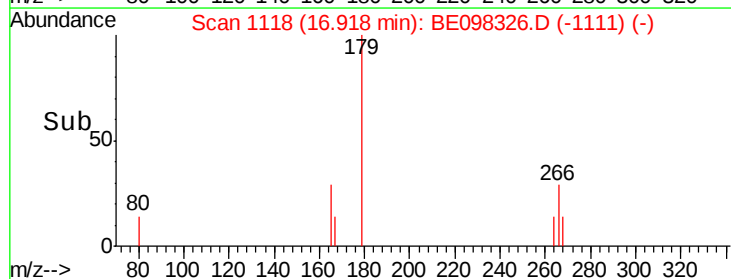
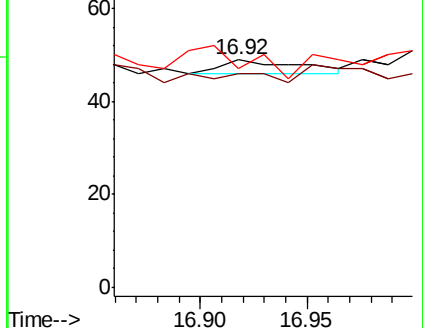
268 95.9 55.1 82.7#

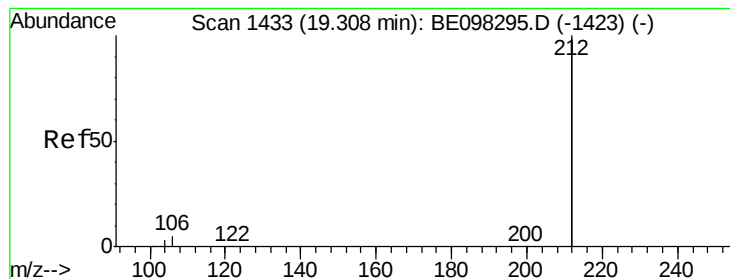


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.222 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

Instrument :

BNA_E

ClientSampleId :

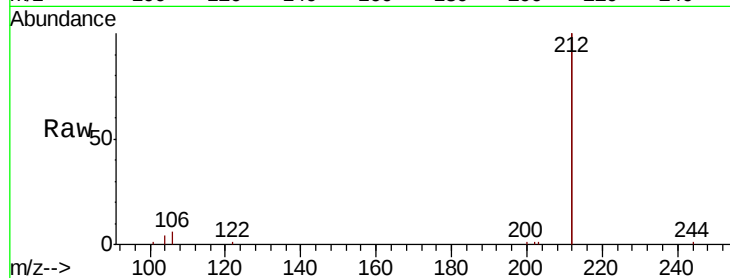
Tot Ion:212 Resp: 28180

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

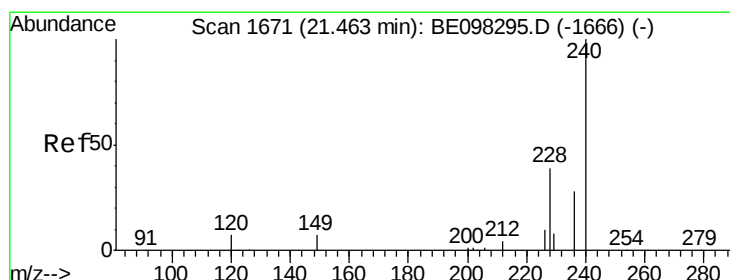
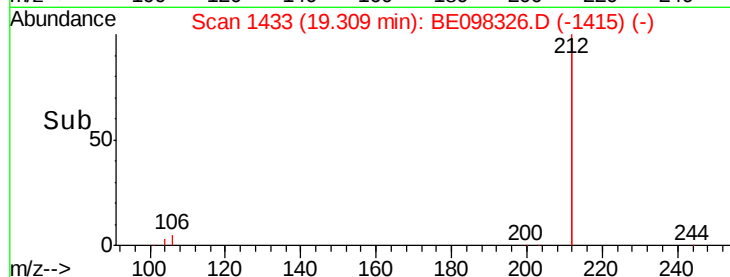
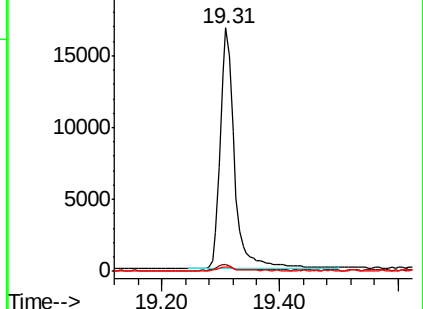
104 1.5 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

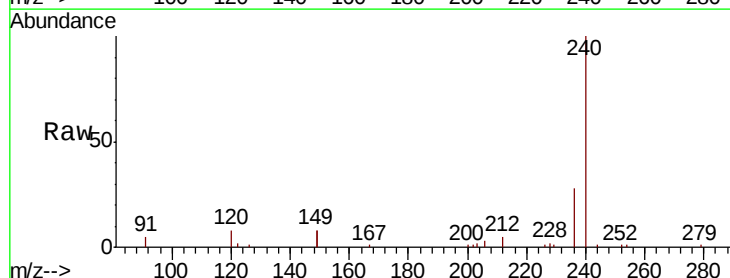
Tgt Ion:240 Resp: 12347

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

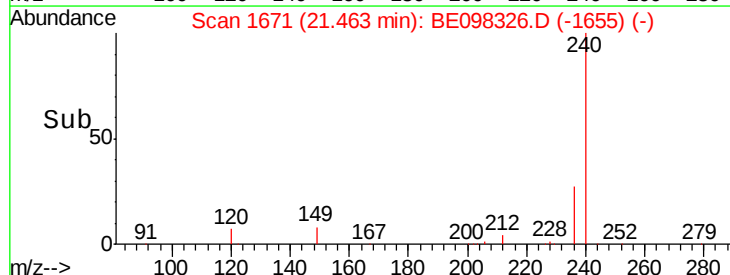
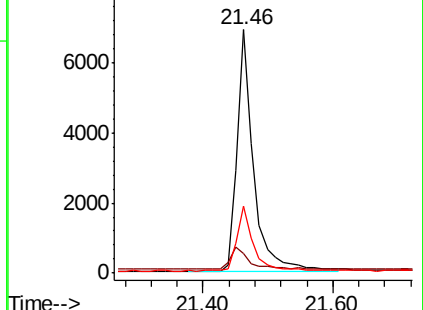
236 27.7 22.7 34.1

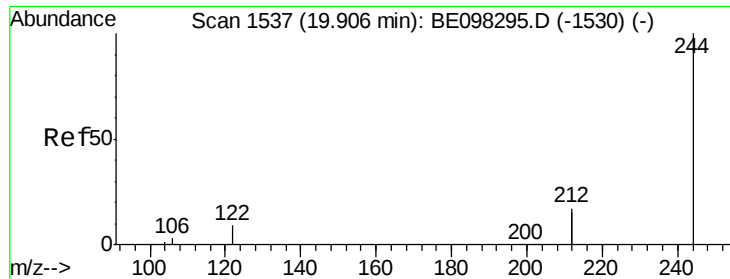


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.216 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

Instrument :

BNA_E

ClientSampleId :

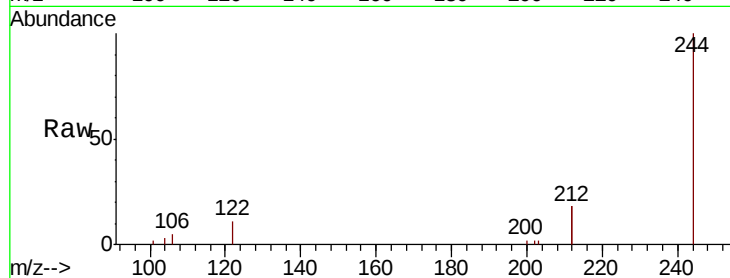
Tot Ion:244 Resp: 6495

Ion Ratio Lower Upper

244 100

212 36.3 27.4 41.0

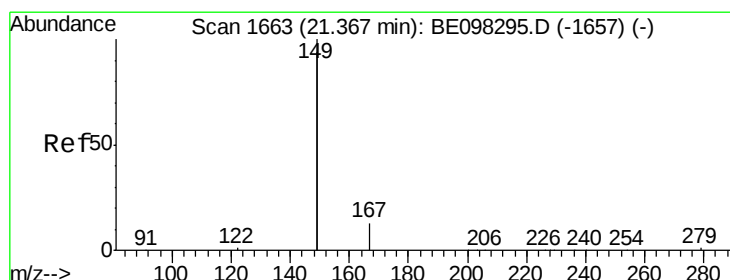
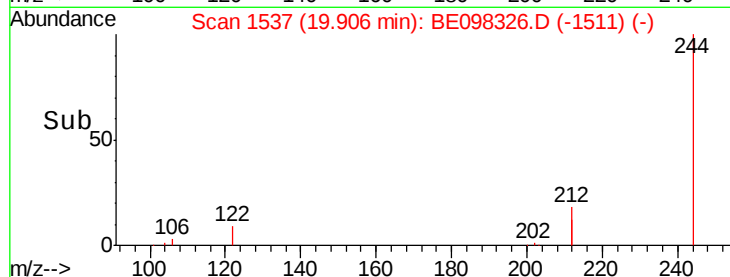
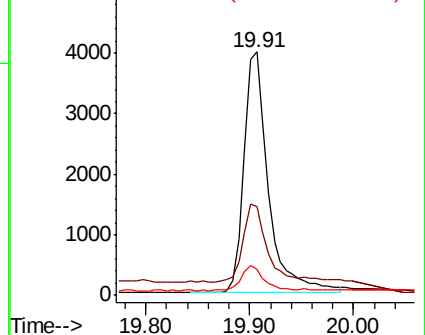
122 10.8 8.3 12.5



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: 0.070 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098326.D

Acq: 11 Dec 2018 10:06

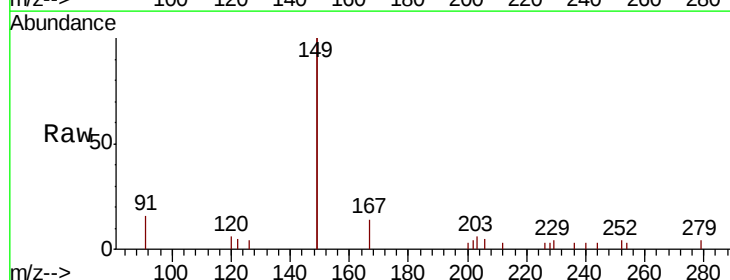
Tgt Ion:149 Resp: 5022

Ion Ratio Lower Upper

149 100

167 5.7 5.7 8.5#

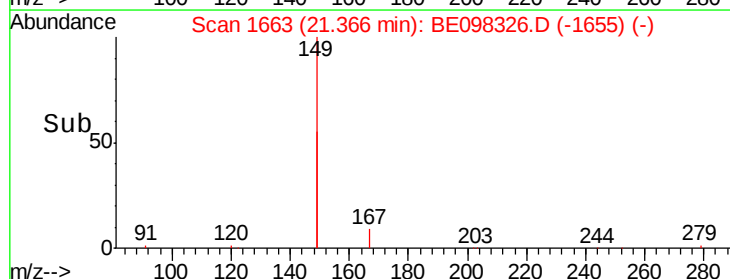
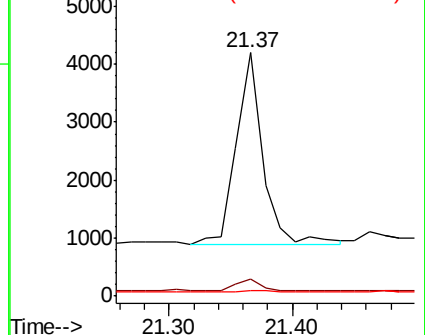
279 1.3 1.0 1.4

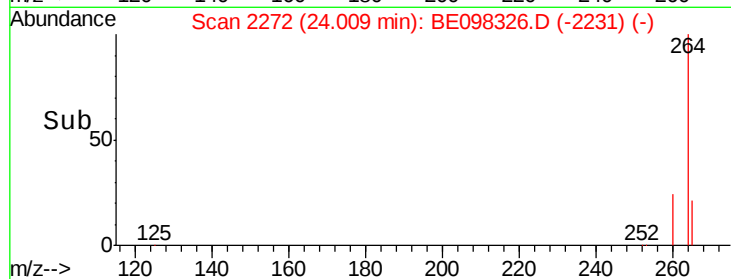
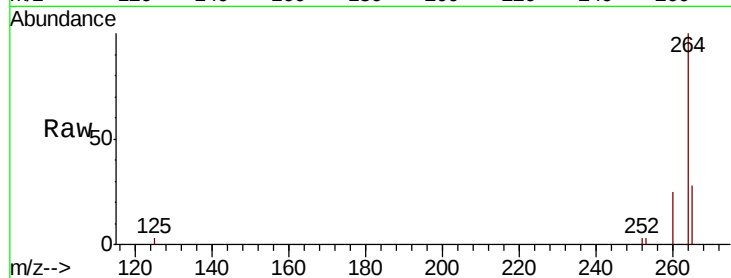
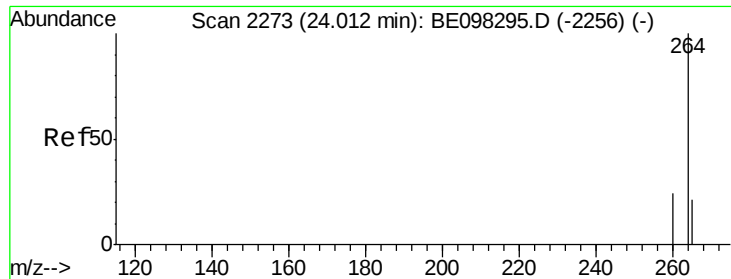


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098326.D
 Acq: 11 Dec 2018 10:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 11543
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.2 30.2
 265 28.0 25.2 37.8

