

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098549.D
 Acq On : 21 Dec 2018 11:35
 Operator : SJ/JU
 Sample : J6398-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 21 15:28:35 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

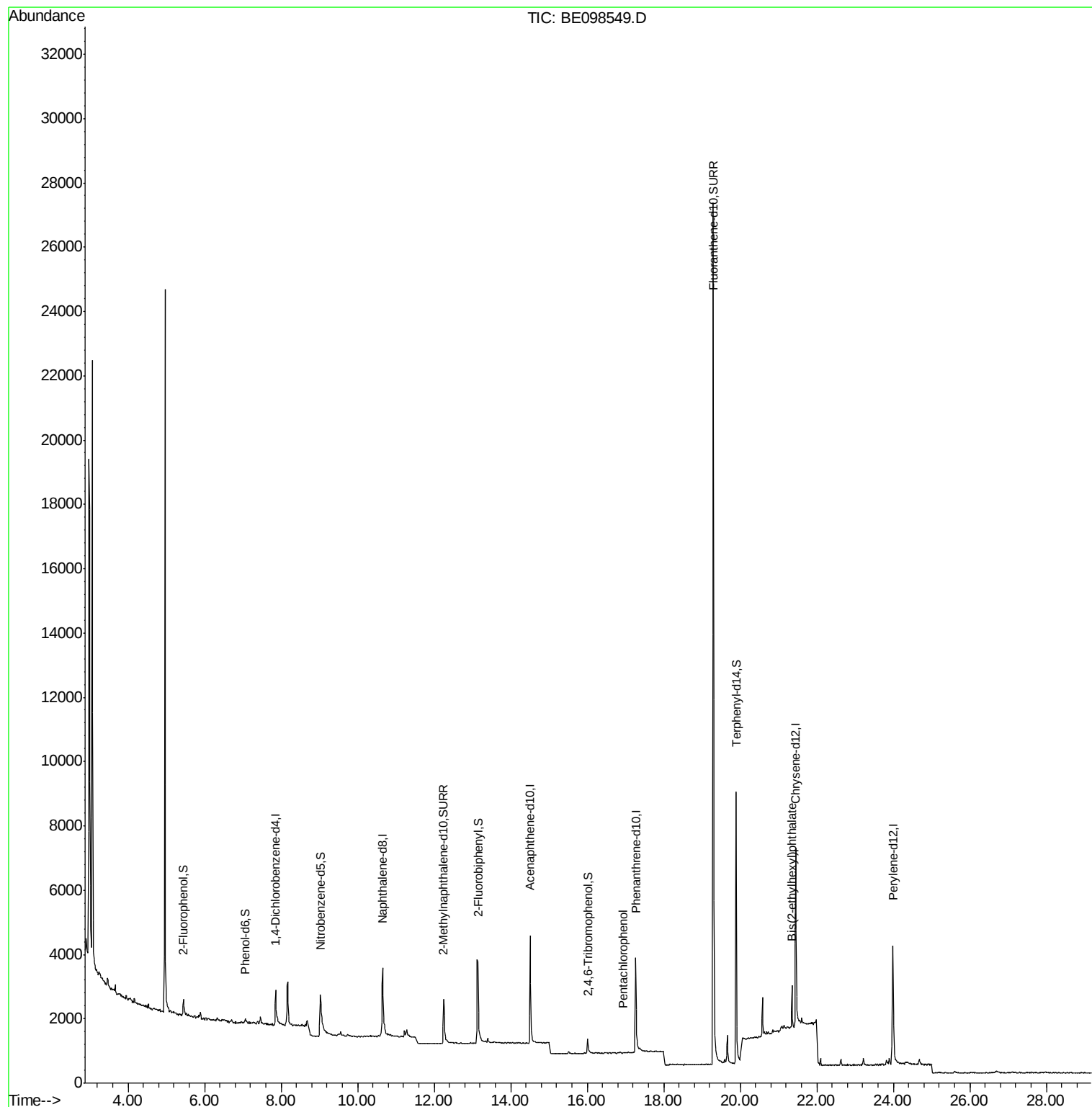
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	739	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3126	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2237	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5460	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7041	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6429	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	386	0.22	ng	0.00
5) Phenol-d6	7.06	99	284	0.12	ng	0.01
8) Nitrobenzene-d5	9.03	82	1115	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2460	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	385	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4094	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	39357	0.56	ng	-0.01
29) Terphenyl-d14	19.89	244	8790	0.51	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.94	266	3	0.022	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.35	149	1617	0.040	ng	# 99

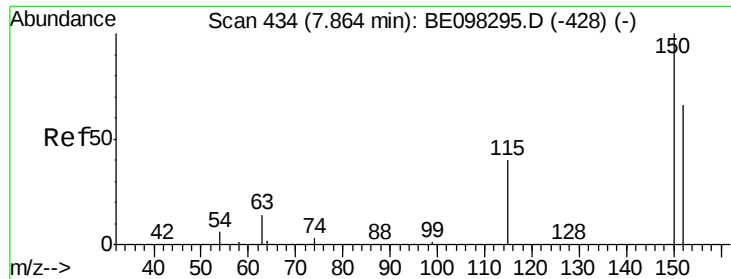
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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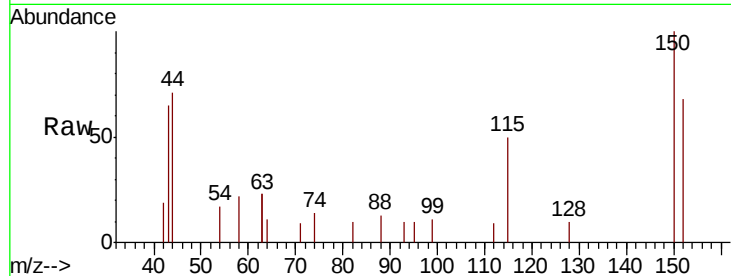


#1

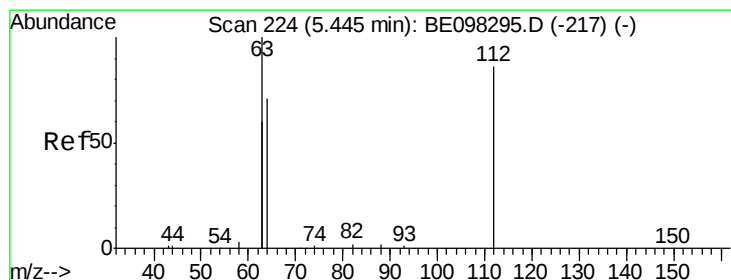
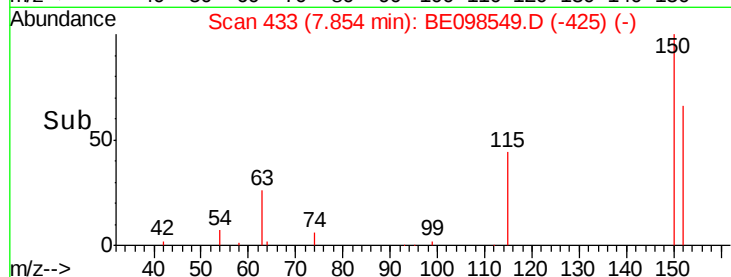
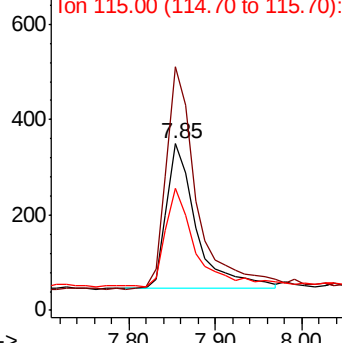
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098549.D
Acq: 21 Dec 2018 11:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 739
Ion Ratio Lower Upper
152 100
150 146.0 124.2 186.4
115 72.9 53.9 80.9



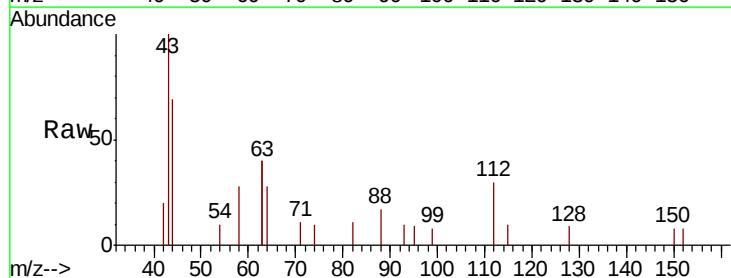
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



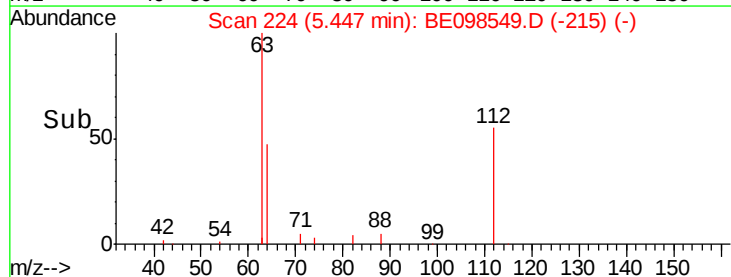
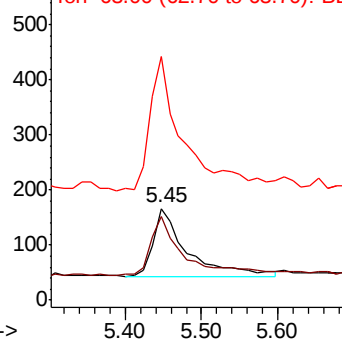
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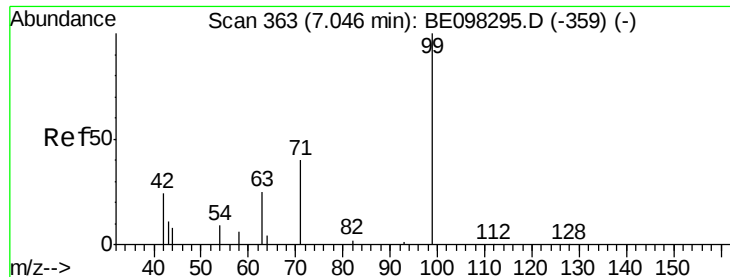
2-Fluorophenol
Concen: 0.223 ng
RT: 5.45 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE098549.D
Acq: 21 Dec 2018 11:35

Tgt Ion:112 Resp: 386
Ion Ratio Lower Upper
112 100
64 85.5 59.8 89.8
63 195.6 133.7 200.5



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: 0.116 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098549.D

Acq: 21 Dec 2018 11:35

Instrument :

BNA_E

ClientSampled :

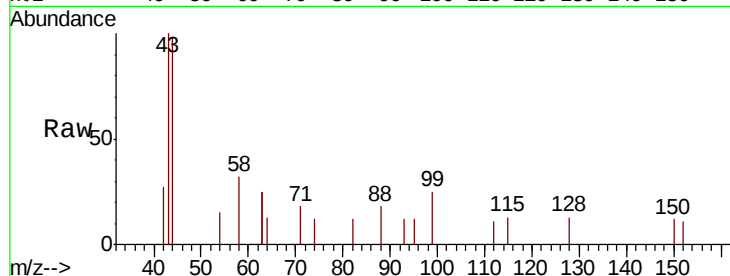
Tot Ion: 99 Resp: 284

Ion Ratio Lower Upper

99 100

42 31.3 26.3 39.5

71 31.7 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

7.06

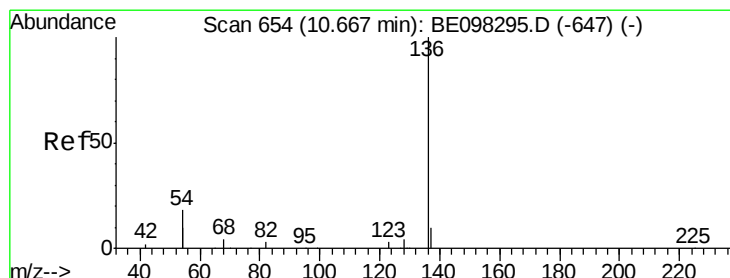
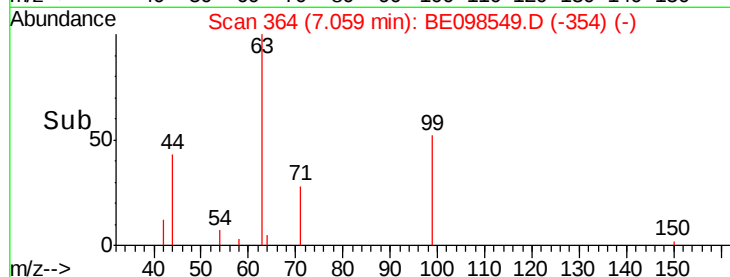
100

50

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098549.D

Acq: 21 Dec 2018 11:35

Tgt Ion: 136 Resp: 3126

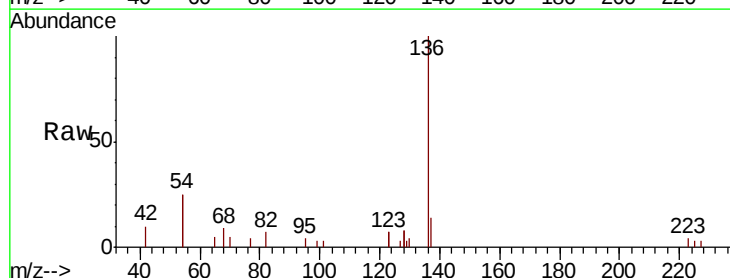
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 49.1 28.4 42.6#

68 8.6 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

10.65

2000

1500

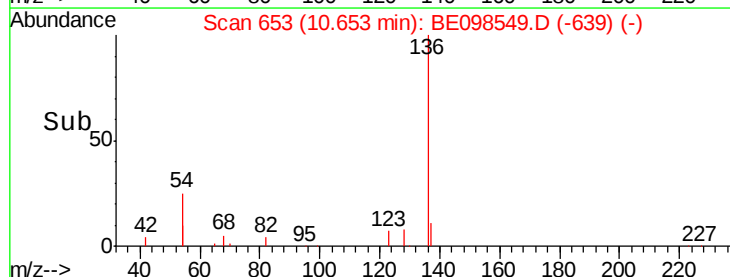
1000

500

0

10.50 10.60 10.70 10.80

Time-->

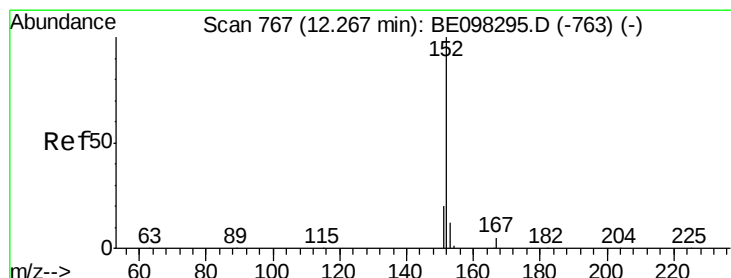
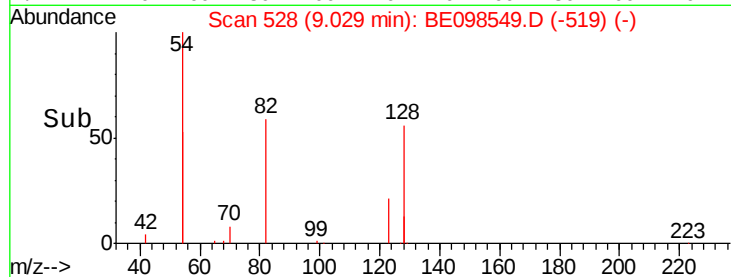
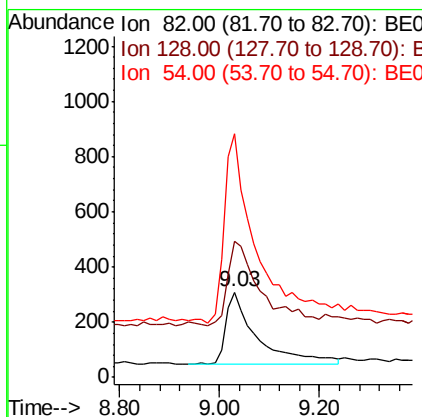
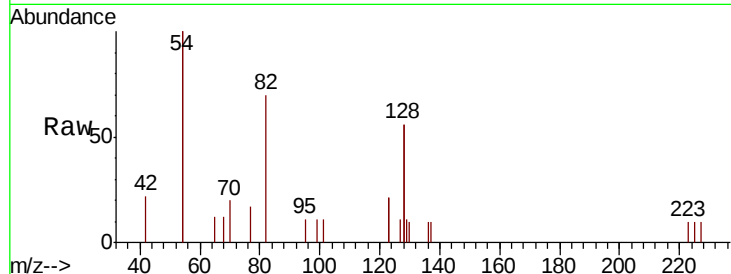




#8
 Nitrobenzene-d5
 Concen: 0.392 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098549.D
 Acq: 21 Dec 2018 11:35

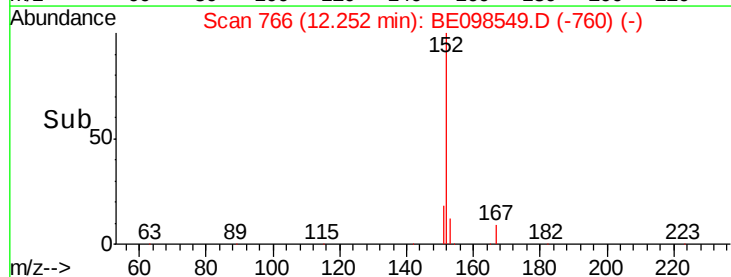
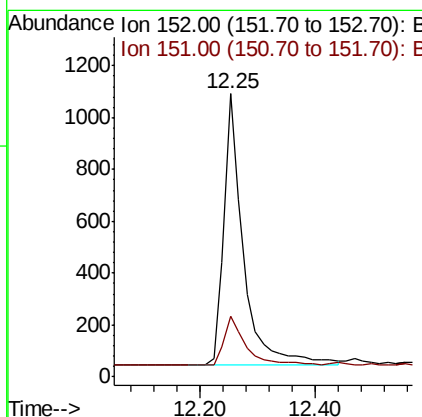
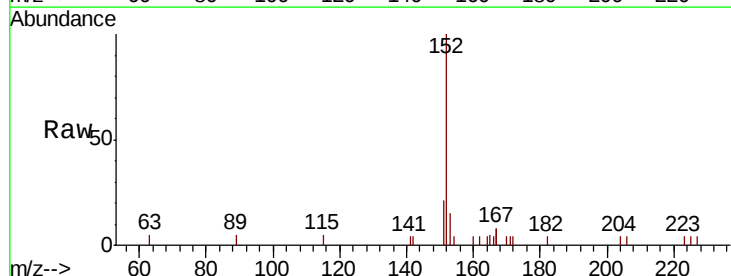
Instrument :
 BNA_E
 ClientSampled :

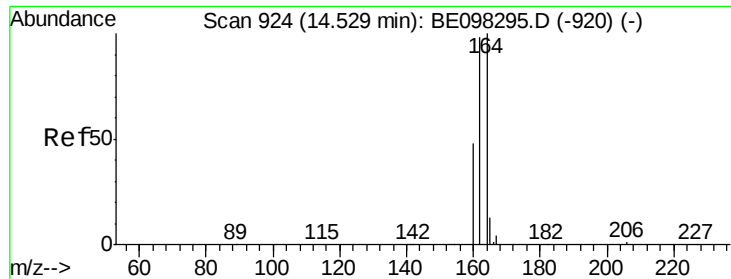
Tot Ion: 82 Resp: 1115
 Ion Ratio Lower Upper
 82 100
 128 159.4 102.4 153.6#
 54 284.5 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.484 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098549.D
 Acq: 21 Dec 2018 11:35

Tgt Ion:152 Resp: 2460
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098549.D

Acq: 21 Dec 2018 11:35

Instrument :

BNA_E

ClientSampleId :

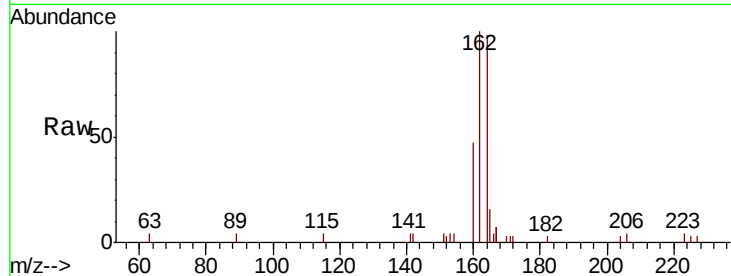
Tot Ion:164 Resp: 2237

Ion Ratio Lower Upper

164 100

162 102.1 77.6 116.4

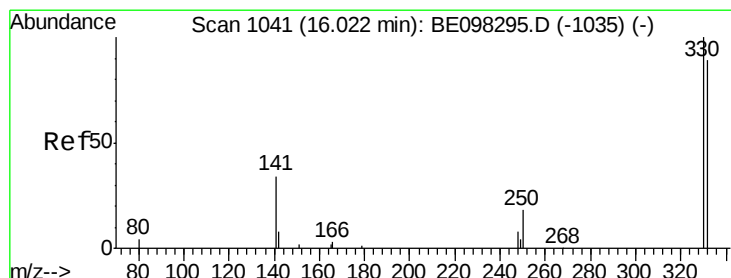
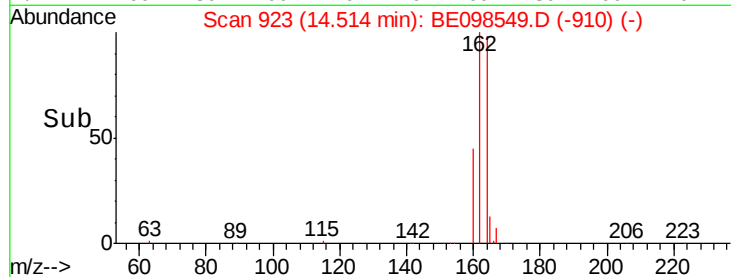
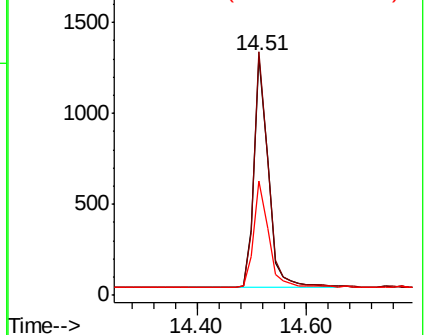
160 47.8 36.0 54.0



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: 0.469 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098549.D

Acq: 21 Dec 2018 11:35

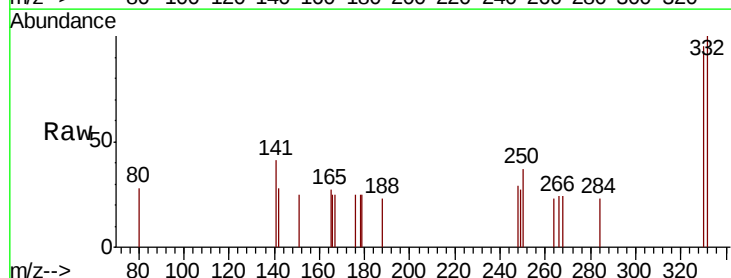
Tgt Ion:330 Resp: 385

Ion Ratio Lower Upper

330 100

332 93.0 76.2 114.4

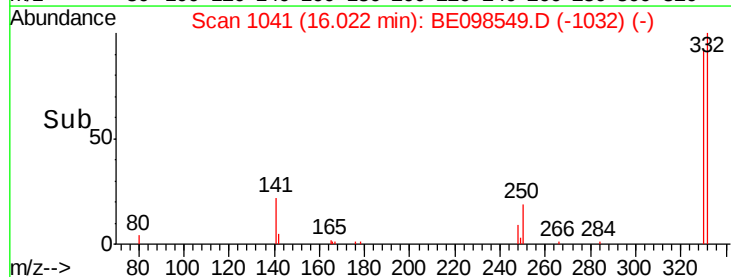
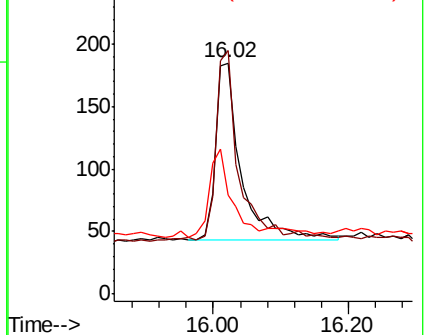
141 44.9 39.0 58.4

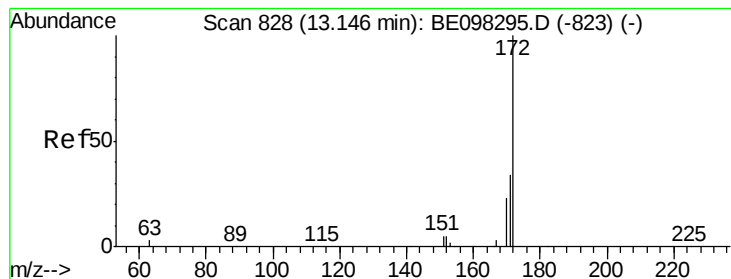


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

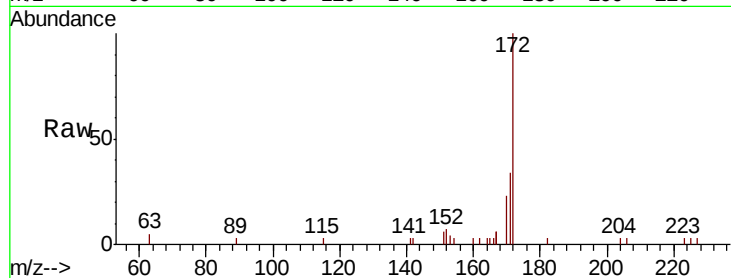




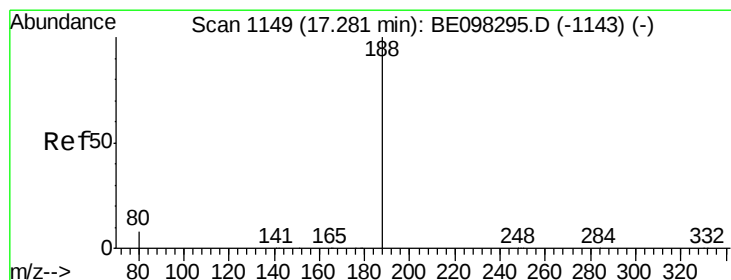
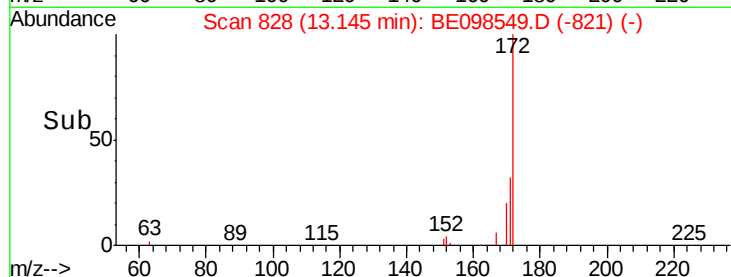
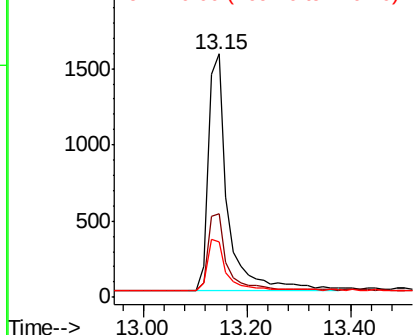
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098549.D
Acq: 21 Dec 2018 11:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4094
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 22.7 19.6 29.4

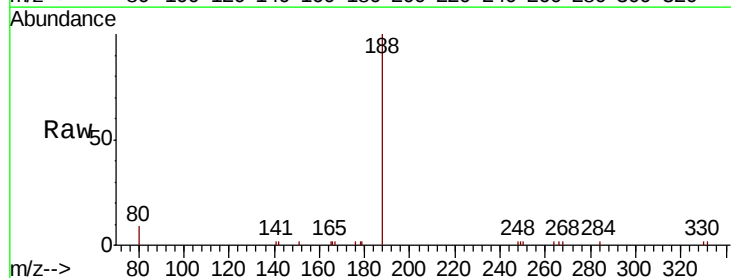


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

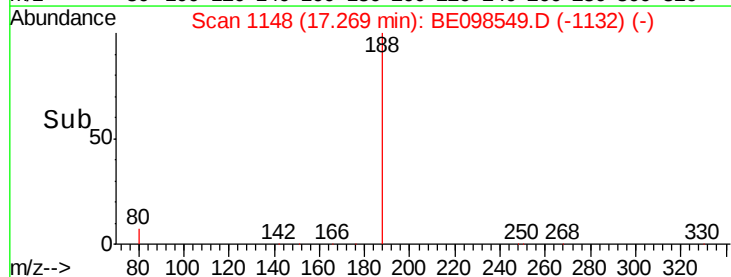
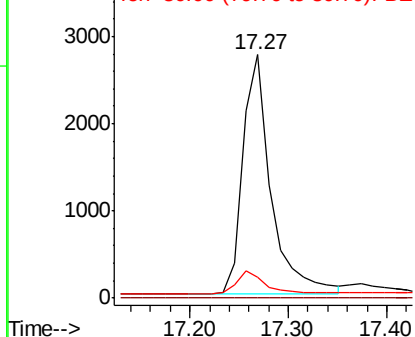


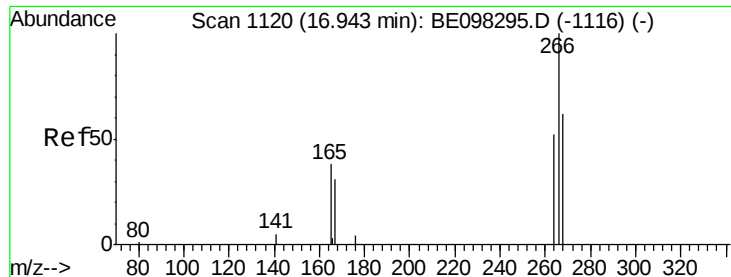
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098549.D
Acq: 21 Dec 2018 11:35

Tgt Ion:188 Resp: 5460
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 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

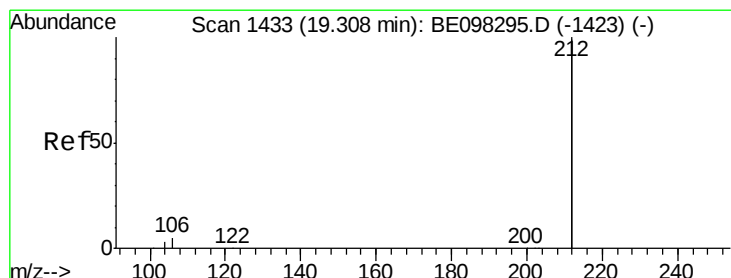
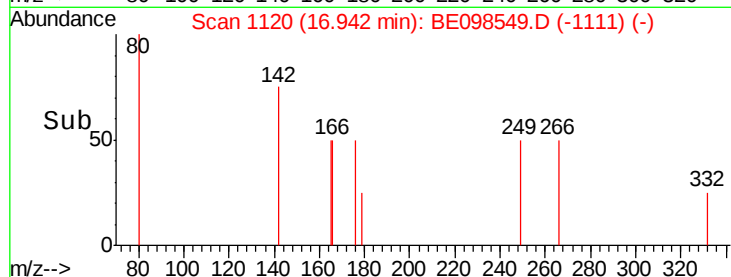
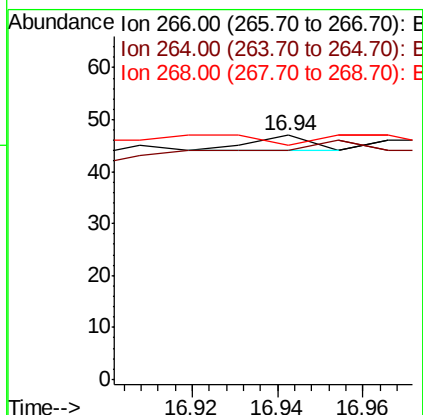
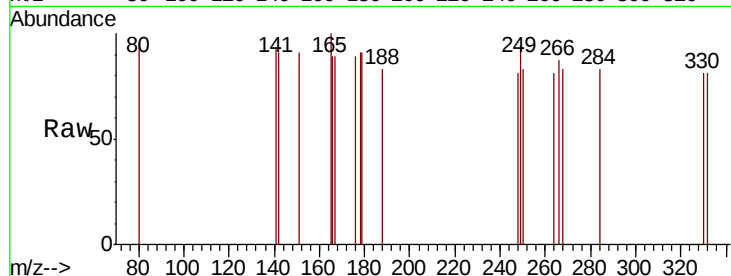




#22
 Pentachlorophenol
 Concen: 0.022 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098549.D
 Acq: 21 Dec 2018 11:35

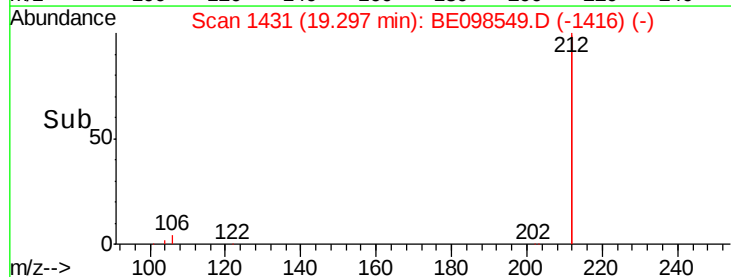
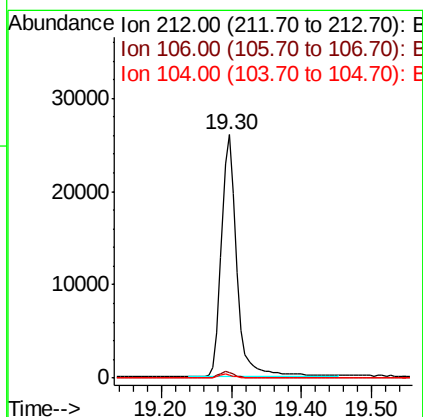
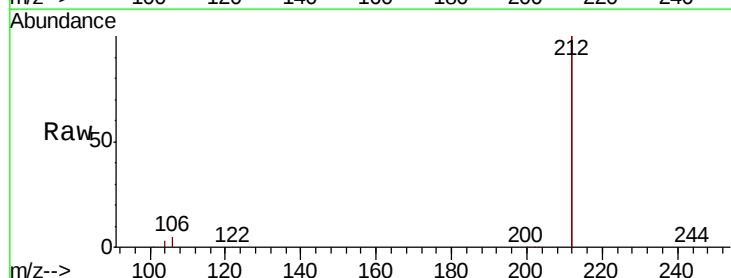
Instrument :
 BNA_E
 ClientSampled :

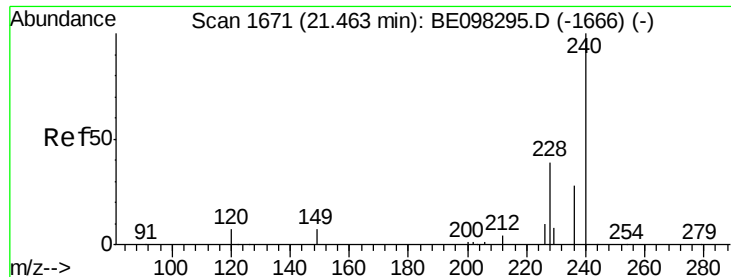
Tot Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 93.6 59.0 88.4#
 268 95.7 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.562 ng
 RT: 19.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE098549.D
 Acq: 21 Dec 2018 11:35

Tgt Ion:212 Resp: 39357
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.4 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098549.D

Acq: 21 Dec 2018 11:35

Instrument :

BNA_E

ClientSampled :

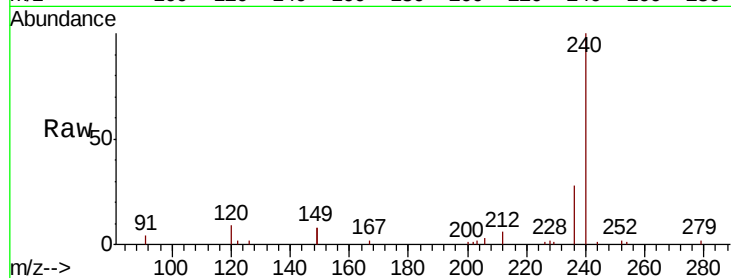
Tot Ion:240 Resp: 7041

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

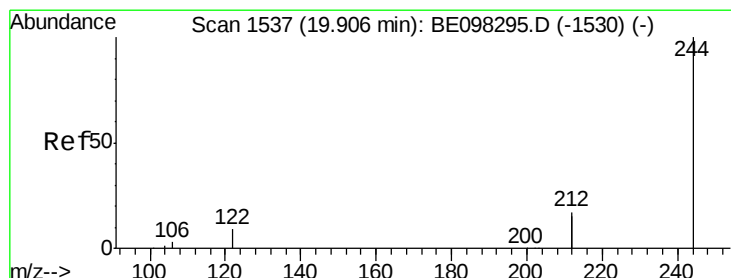
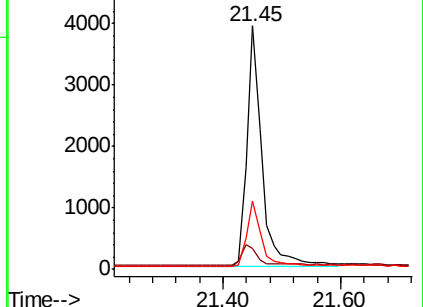
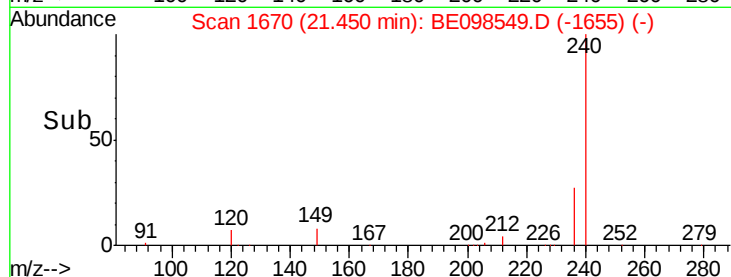
236 27.8 22.7 34.1



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: 0.514 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098549.D

Acq: 21 Dec 2018 11:35

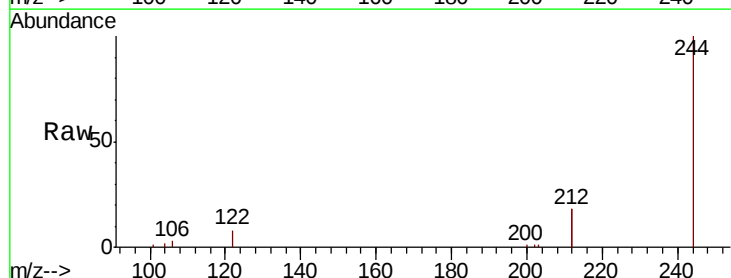
Tgt Ion:244 Resp: 8790

Ion Ratio Lower Upper

244 100

212 35.2 27.4 41.0

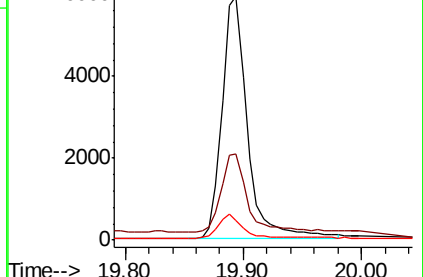
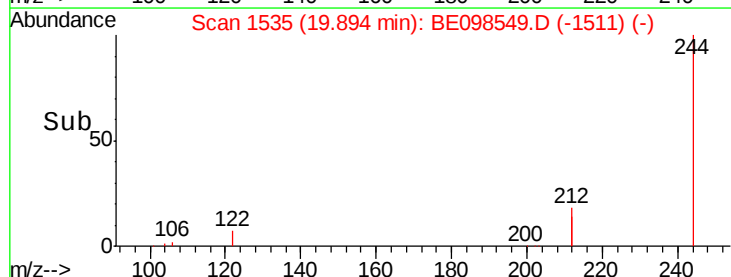
122 8.3 8.3 12.5#

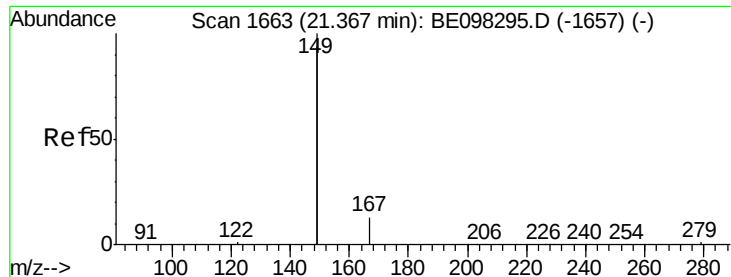


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

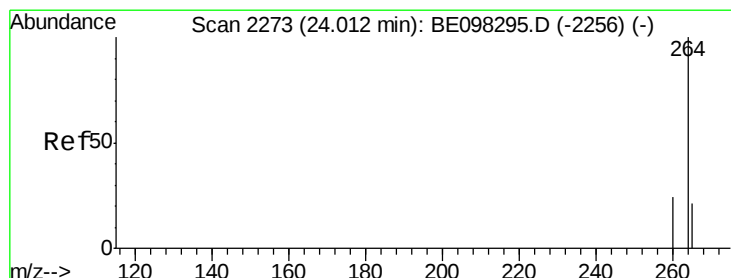
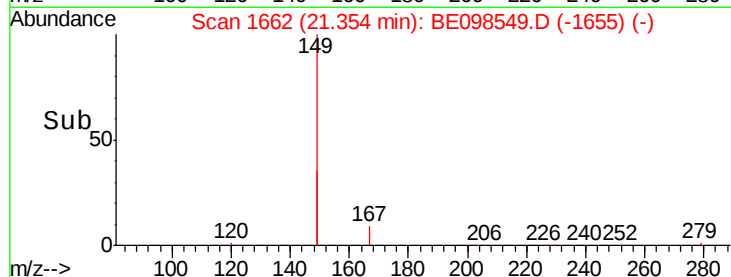
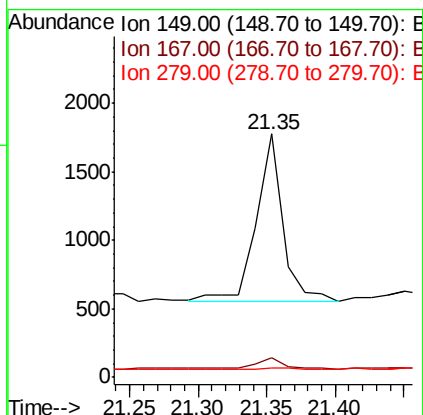
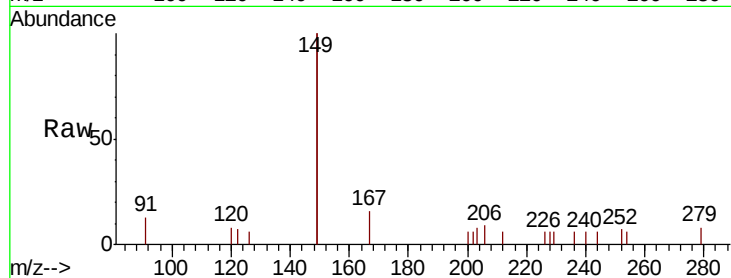




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098549.D
 Acq: 21 Dec 2018 11:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1617
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.7 8.5
 279 2.5 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.99 min Scan# 2266
 Delta R.T. -0.03 min
 Lab File: BE098549.D
 Acq: 21 Dec 2018 11:35

Tgt Ion:264 Resp: 6429
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 28.4 25.2 37.8

