

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121818\
 Data File : BE098510.D
 Acq On : 18 Dec 2018 10:46
 Operator : SJ/JU
 Sample : J6405-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 11:27:23 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

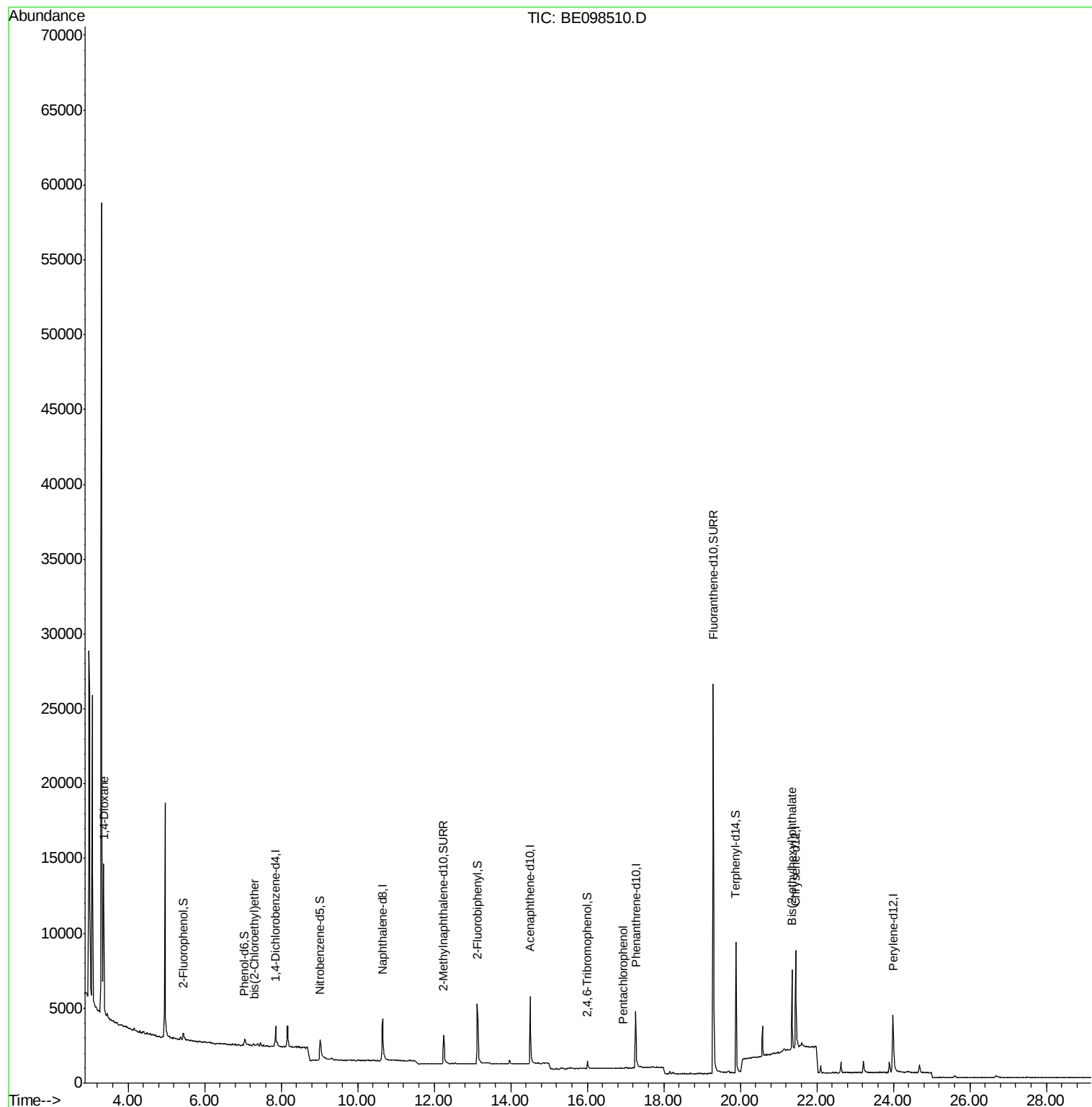
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	779	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3950	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2737	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6677	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7409	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6882	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	388	0.21	ng	0.00
5) Phenol-d6	7.04	99	369	0.14	ng	0.00
8) Nitrobenzene-d5	9.02	82	1135	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3001	0.47	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	382	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5118	0.44	ng	-0.01
25) Fluoranthene-d10	19.30	212	39070	0.46	ng	-0.01
29) Terphenyl-d14	19.89	244	8191	0.45	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	5759	4.275	ng	98
6) bis(2-Chloroethyl)ether	7.29	93	86	0.035	ng	81
22) Pentachlorophenol	16.94	266	10	0.033	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.35	149	6154	0.144	ng	99

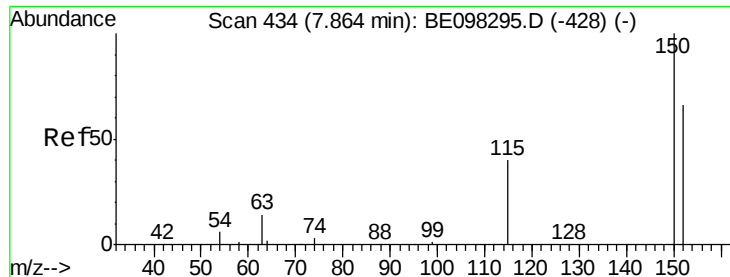
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



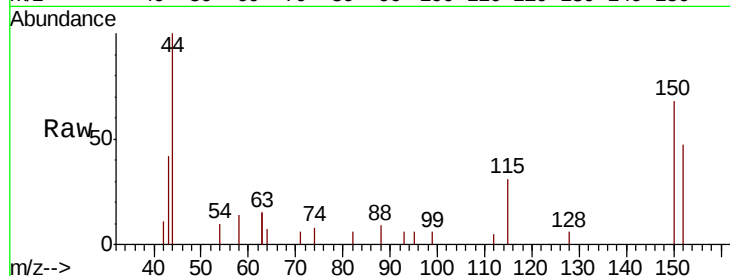


#1

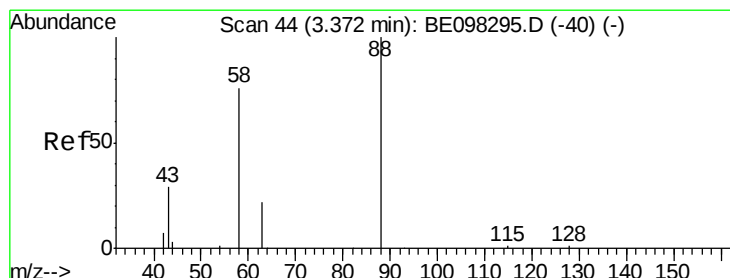
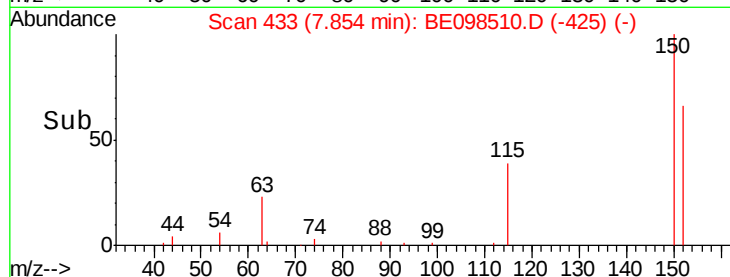
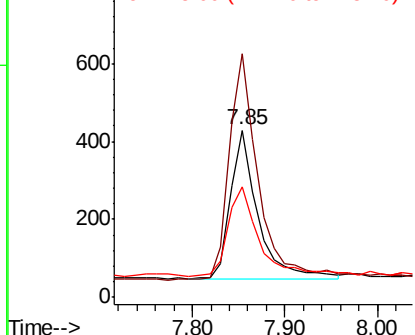
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098510.D
Acq: 18 Dec 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 779
Ion Ratio Lower Upper
152 100
150 145.7 124.2 186.4
115 66.0 53.9 80.9



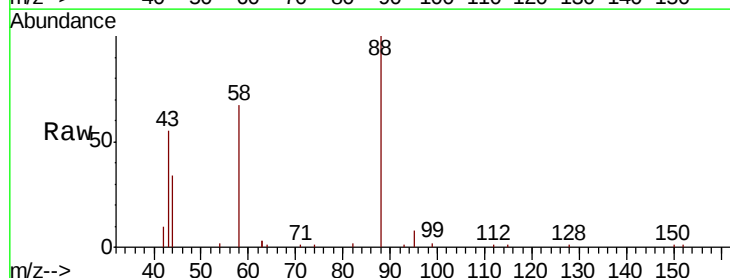
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



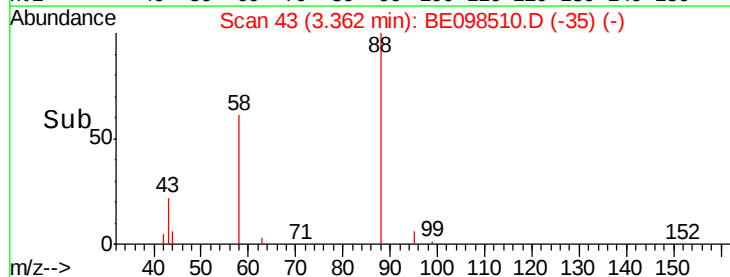
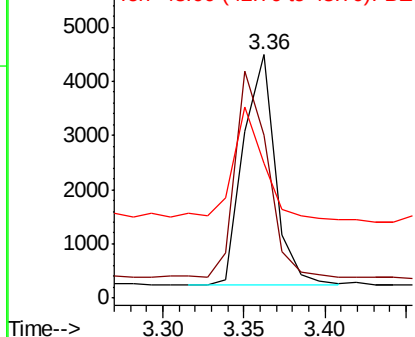
#2

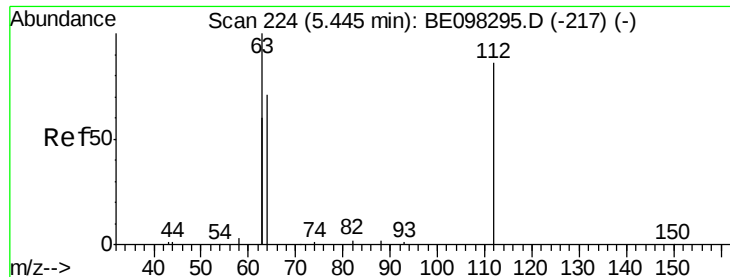
1,4-Dioxane
Concen: 4.275 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098510.D
Acq: 18 Dec 2018 10:46

Tgt Ion: 88 Resp: 5759
Ion Ratio Lower Upper
88 100
58 90.6 75.0 112.6
43 48.4 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: 0.213 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098510.D

Acq: 18 Dec 2018 10:46

Instrument :

BNA_F

ClientSampleId :

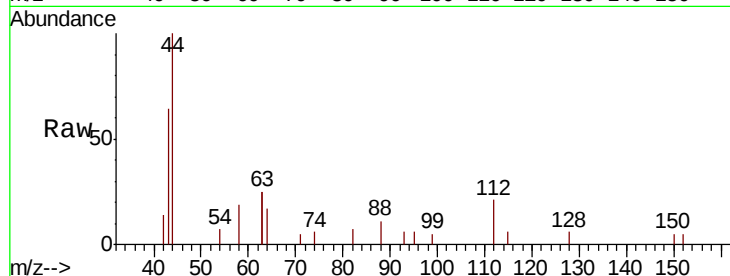
Tot Ion: 112 Resp: 388

Ion Ratio Lower Upper

112 100

64 82.2 59.8 89.8

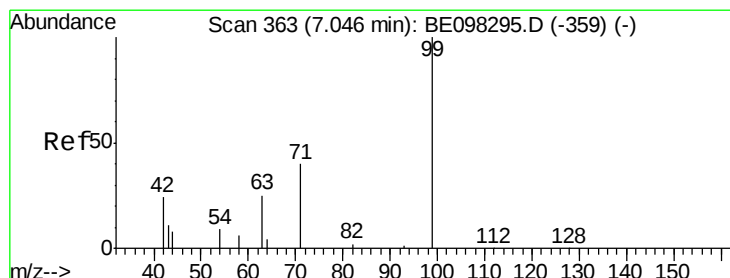
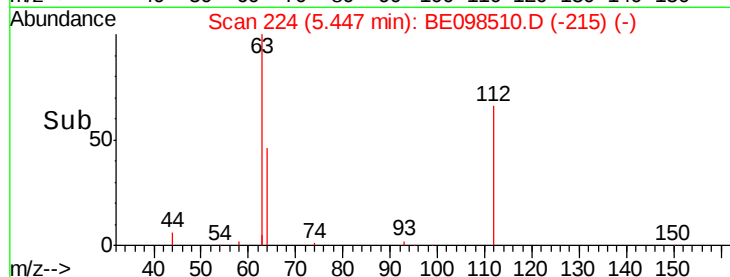
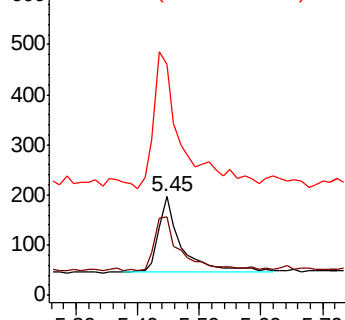
63 223.5 133.7 200.5#



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: 0.143 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098510.D

Acq: 18 Dec 2018 10:46

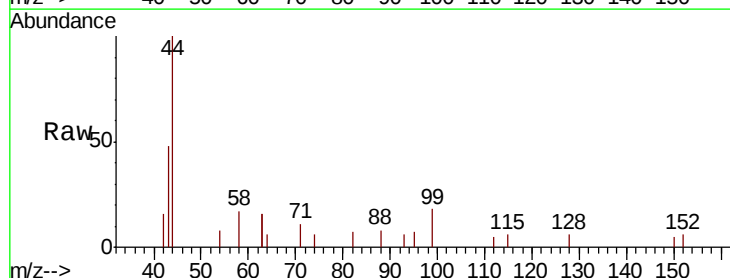
Tgt Ion: 99 Resp: 369

Ion Ratio Lower Upper

99 100

42 40.4 26.3 39.5#

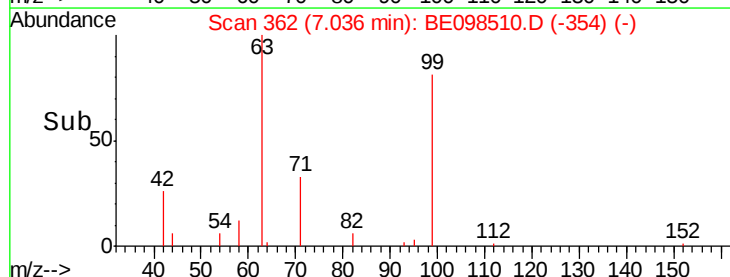
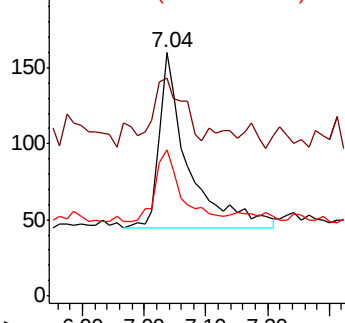
71 36.0 33.6 50.4

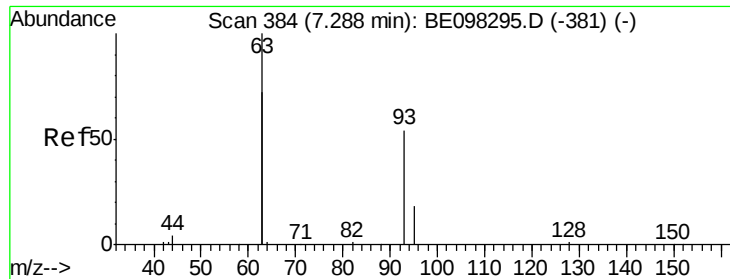


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098510.D

Acq: 18 Dec 2018 10:46

Instrument :

BNA_F

ClientSampleId :

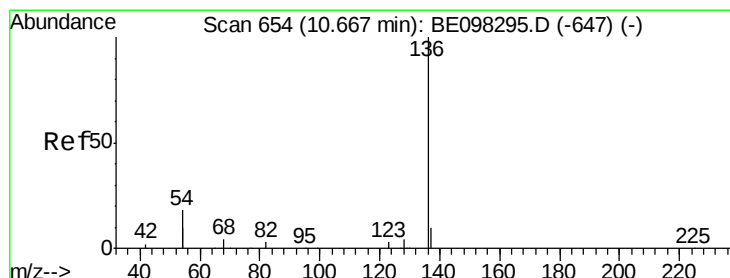
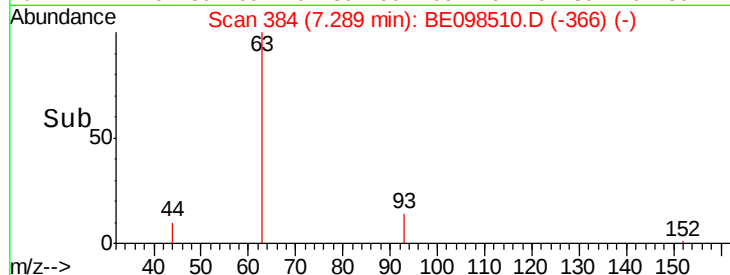
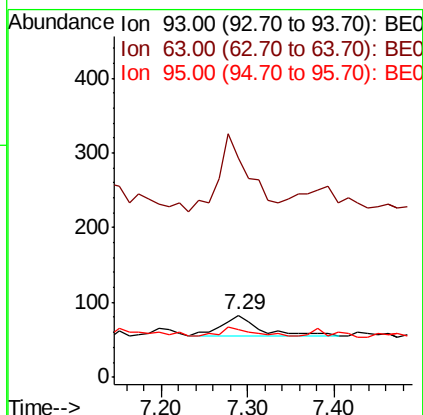
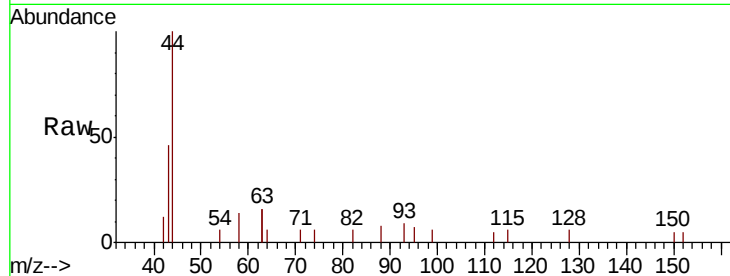
Tot Ion: 93 Resp: 86

Ion Ratio Lower Upper

93 100

63 287.2 264.4 396.6

95 32.6 26.6 40.0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098510.D

Acq: 18 Dec 2018 10:46

Tgt Ion: 136 Resp: 3950

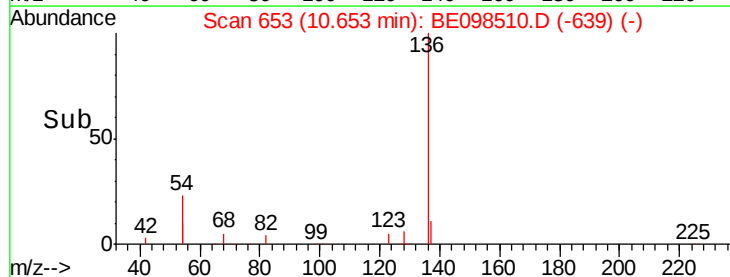
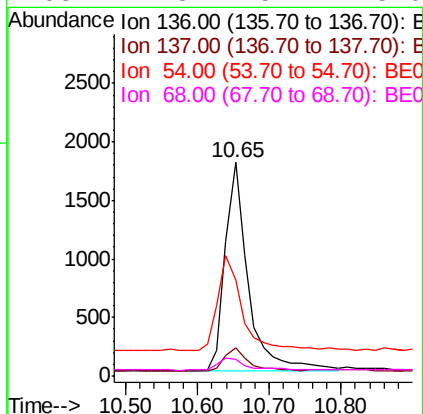
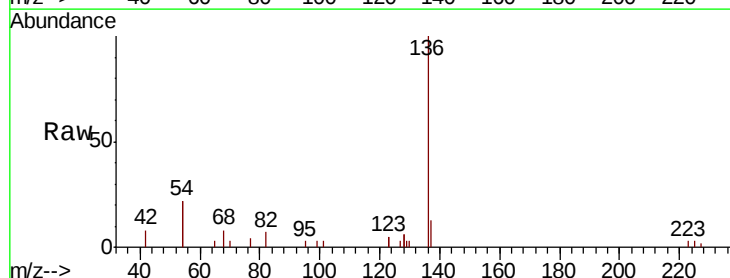
Ion Ratio Lower Upper

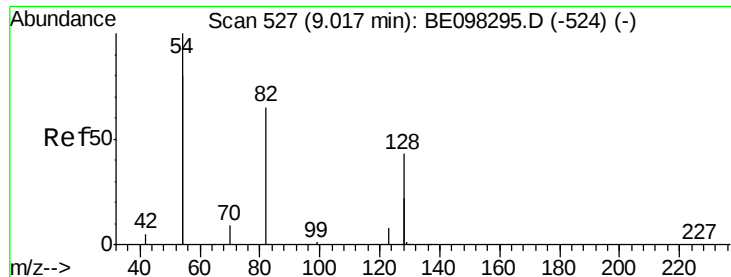
136 100

137 13.3 9.2 13.8

54 44.7 28.4 42.6#

68 7.8 5.4 8.0

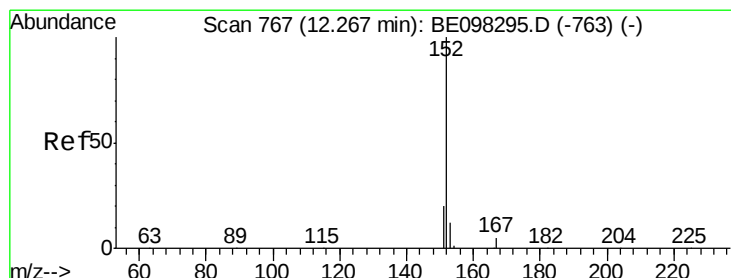
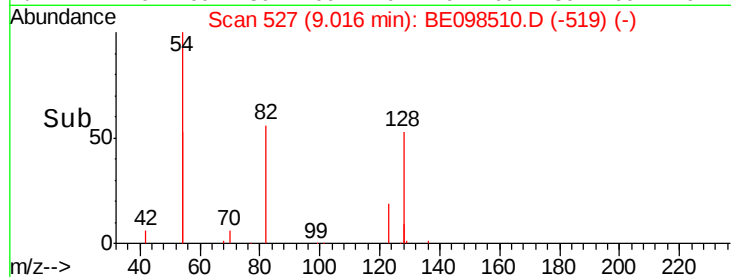
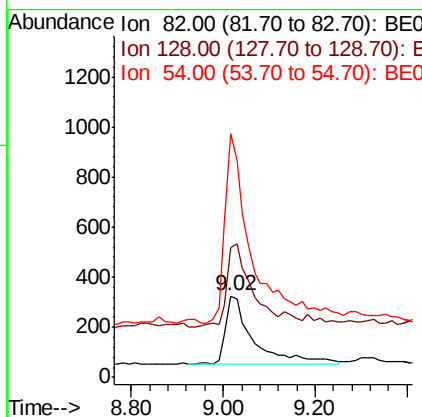
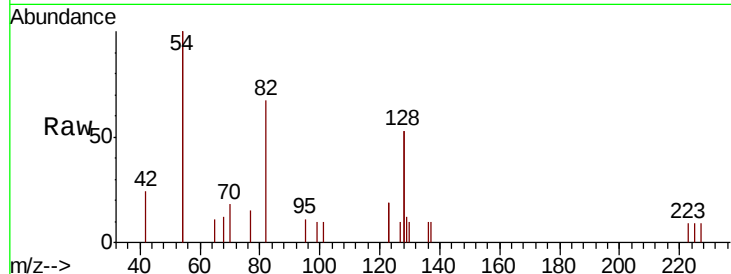




#8
 Nitrobenzene-d5
 Concen: 0.316 ng
 RT: 9.02 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BE098510.D
 Acq: 18 Dec 2018 10:46

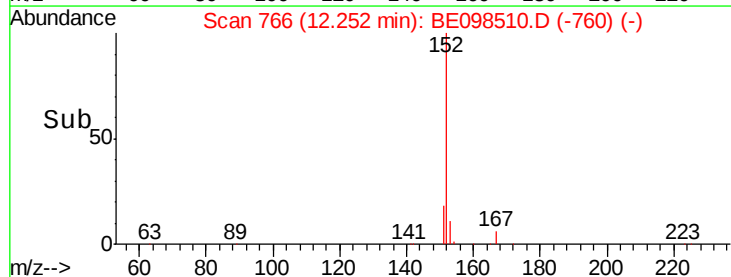
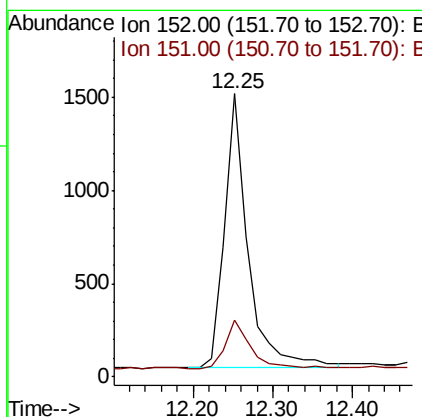
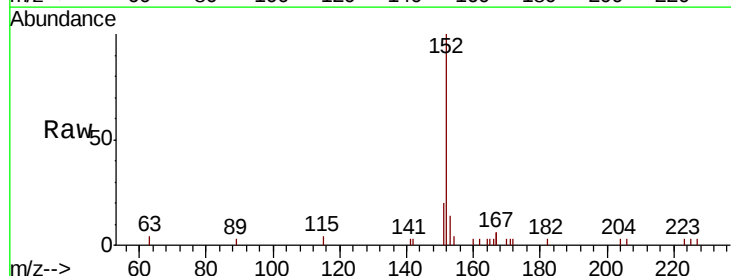
Instrument :
 BNA_F
 ClientSampled :

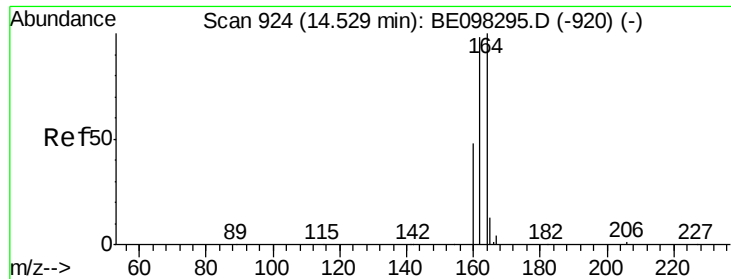
Tot Ion: 82 Resp: 1135
 Ion Ratio Lower Upper
 82 100
 128 158.3 102.4 153.6#
 54 298.2 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.467 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098510.D
 Acq: 18 Dec 2018 10:46

Tgt Ion: 152 Resp: 3001
 Ion Ratio Lower Upper
 152 100
 151 19.1 16.2 24.4

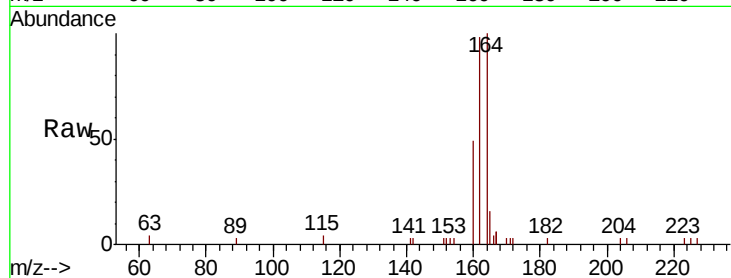




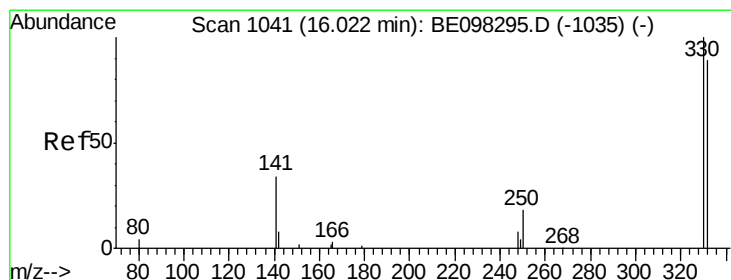
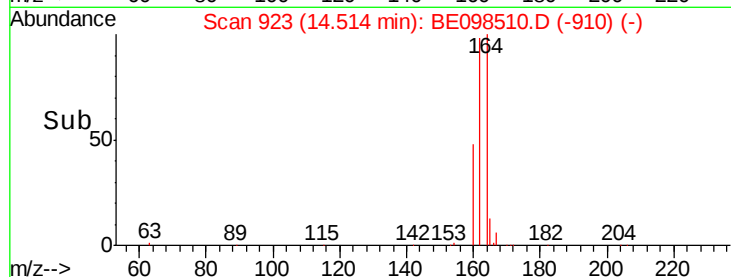
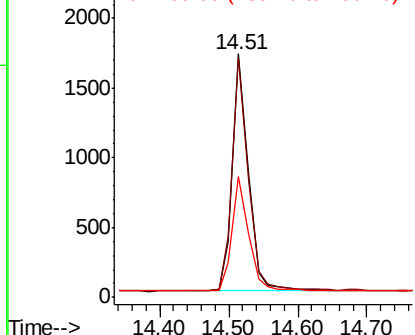
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098510.D
 Acq: 18 Dec 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 2737
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.6 116.4
 160 49.4 36.0 54.0

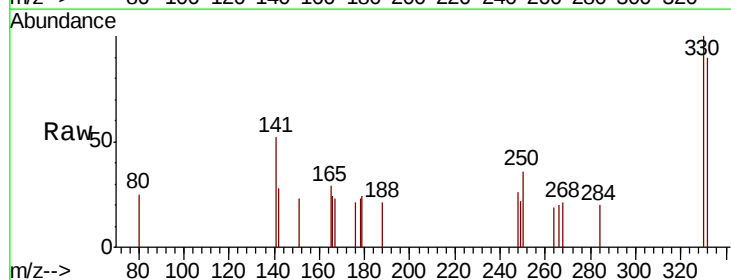


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

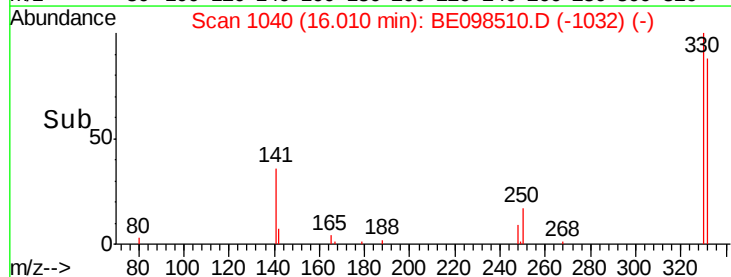
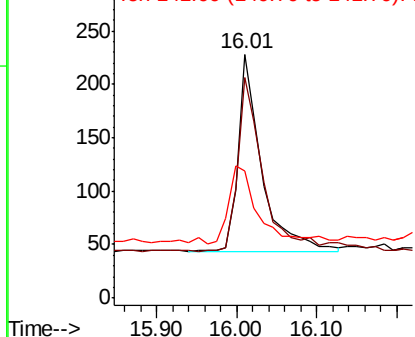


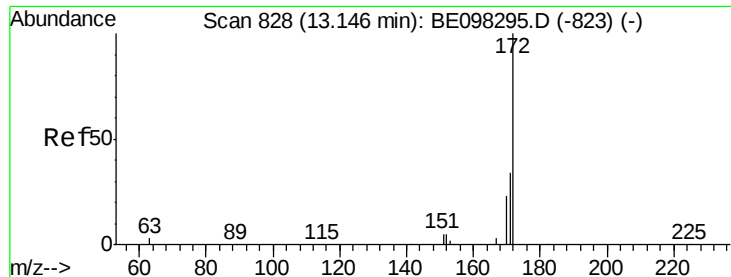
#14
 2,4,6-Tribromophenol
 Concen: 0.380 ng
 RT: 16.01 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BE098510.D
 Acq: 18 Dec 2018 10:46

Tgt Ion:330 Resp: 382
 Ion Ratio Lower Upper
 330 100
 332 101.3 76.2 114.4
 141 49.2 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

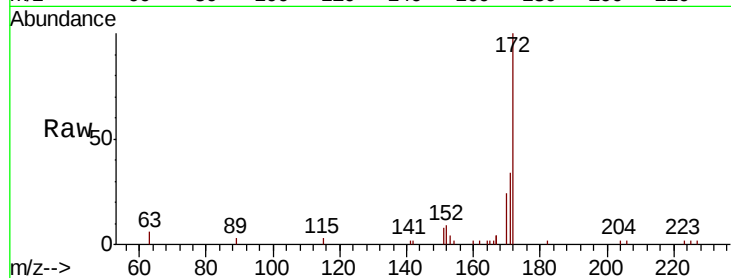




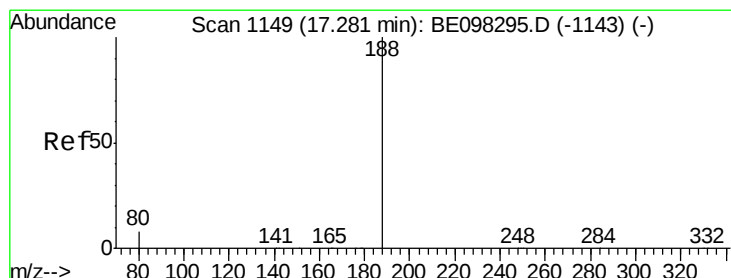
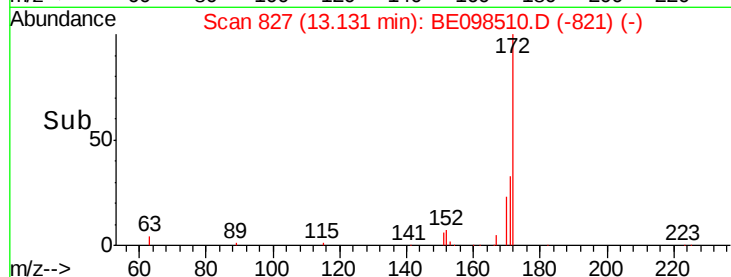
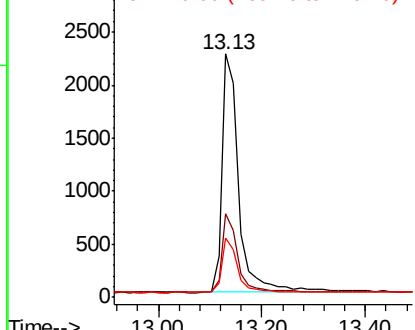
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098510.D
Acq: 18 Dec 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5118
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 24.3 19.6 29.4

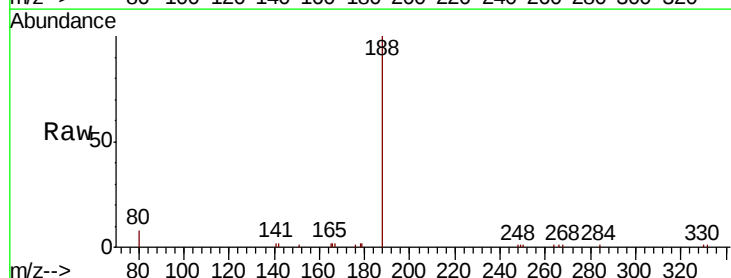


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

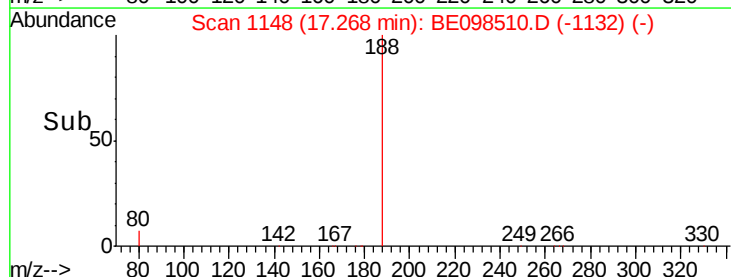
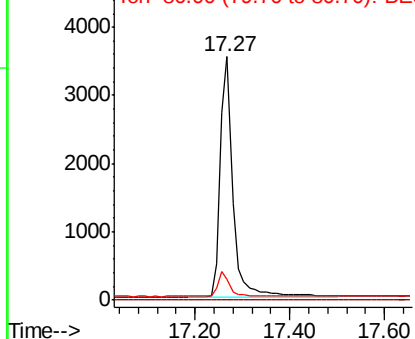


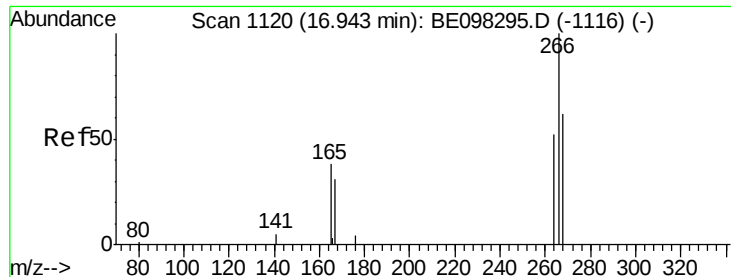
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098510.D
Acq: 18 Dec 2018 10:46

Tgt Ion:188 Resp: 6677
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 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

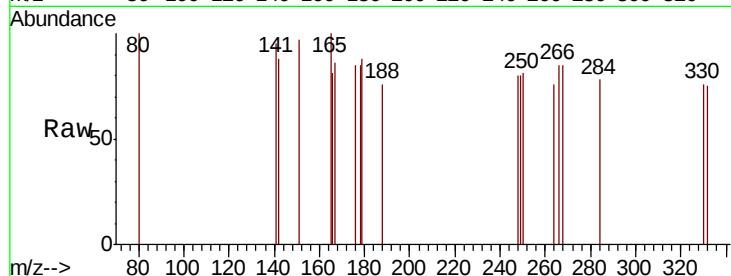




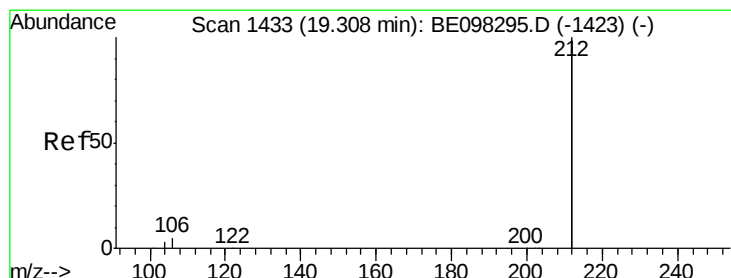
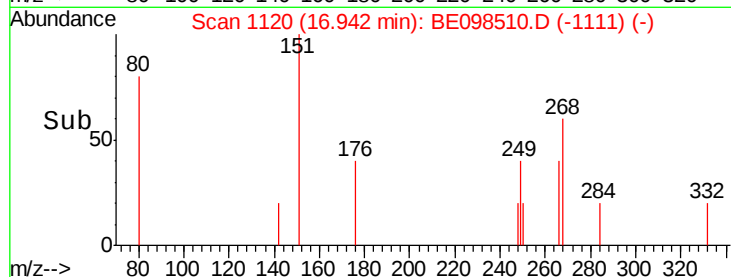
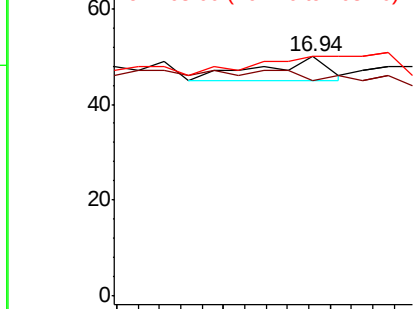
#22
 Pentachlorophenol
 Concen: 0.033 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BE098510.D
 Acq: 18 Dec 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 90.0 59.0 88.4#
 268 100.0 55.1 82.7#

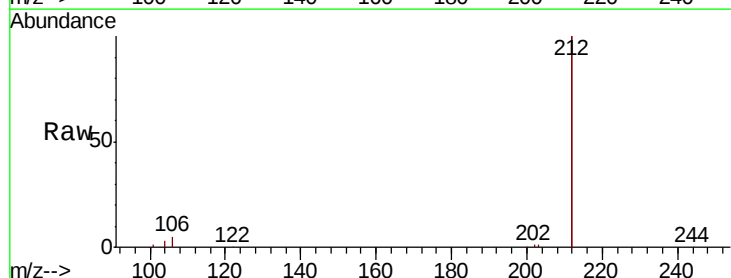


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

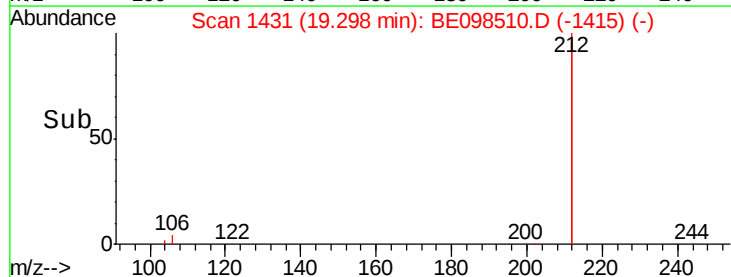
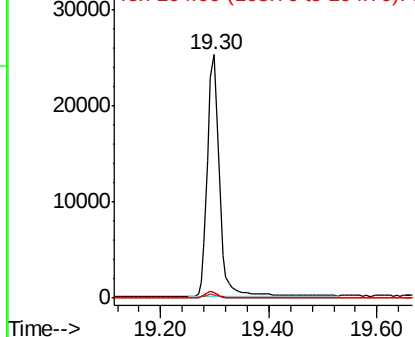


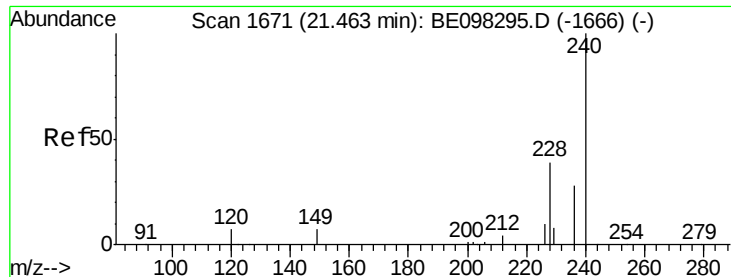
#25
 Fluoranthene-d10
 Concen: 0.456 ng
 RT: 19.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE098510.D
 Acq: 18 Dec 2018 10:46

Tgt Ion:212 Resp: 39070
 Ion Ratio Lower Upper
 212 100
 106 2.4 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

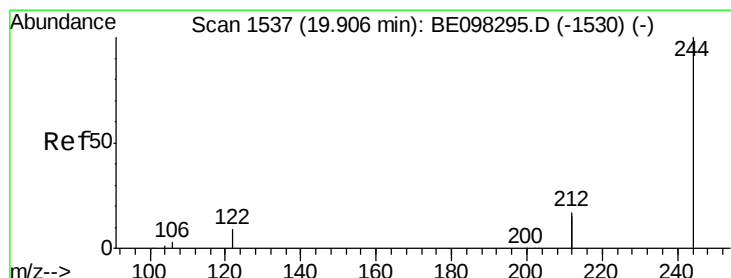
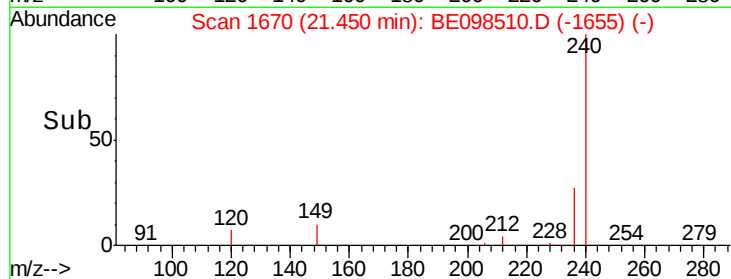
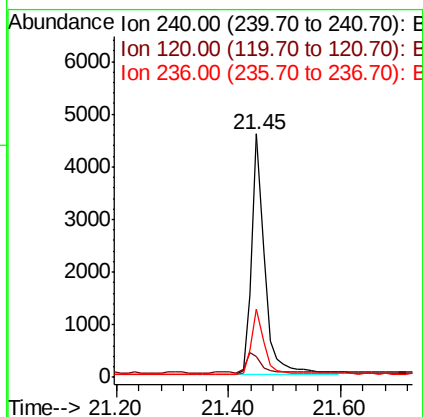
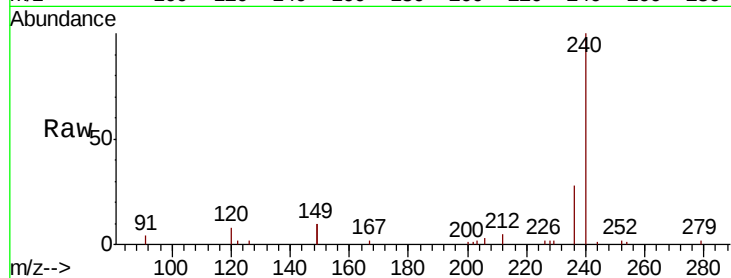




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098510.D
Acq: 18 Dec 2018 10:46

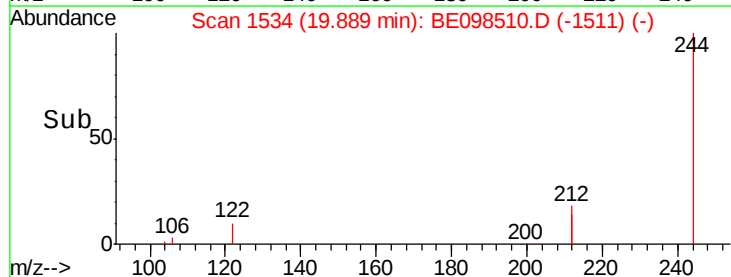
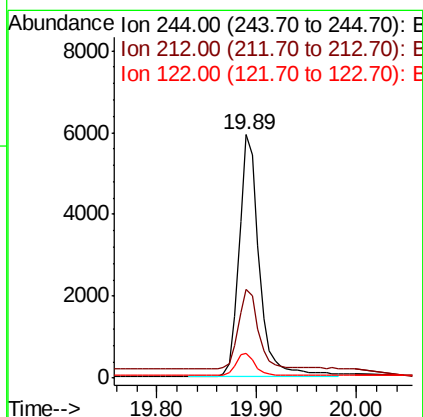
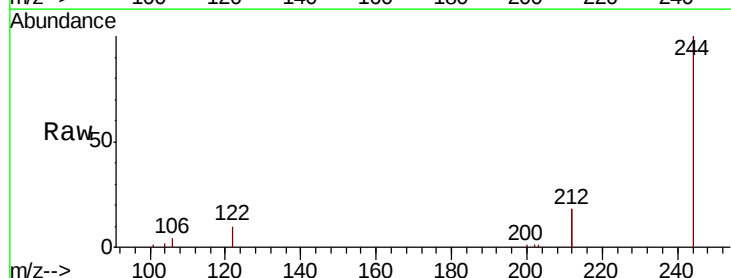
Instrument :
BNA_F
ClientSampleId :

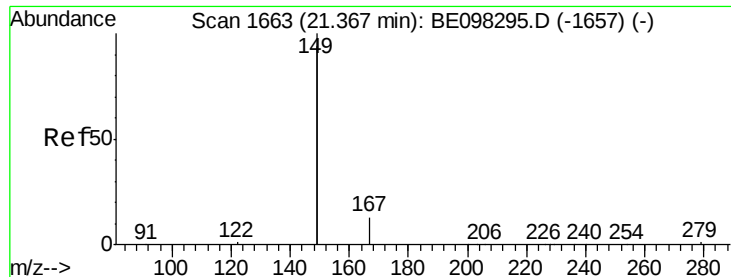
Tot Ion:240 Resp: 7409
Ion Ratio Lower Upper
240 100
120 8.3 9.5 14.3#
236 28.1 22.7 34.1



#29
Terphenyl-d14
Concen: 0.455 ng
RT: 19.89 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BE098510.D
Acq: 18 Dec 2018 10:46

Tgt Ion:244 Resp: 8191
Ion Ratio Lower Upper
244 100
212 36.3 27.4 41.0
122 10.4 8.3 12.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098510.D

Acq: 18 Dec 2018 10:46

Instrument :

BNA_F

ClientSampleId :

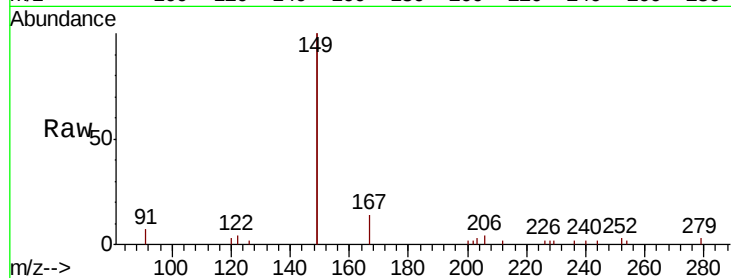
Tot Ion:149 Resp: 6154

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

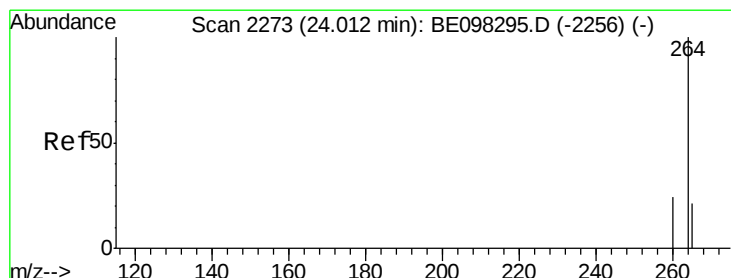
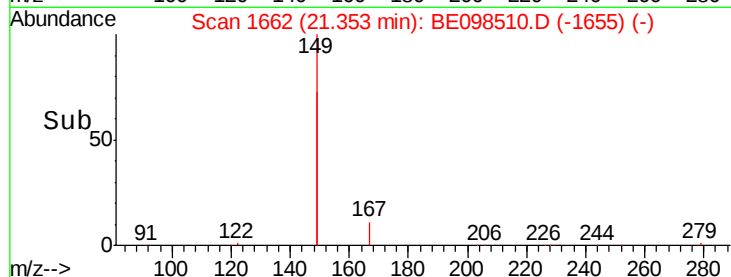
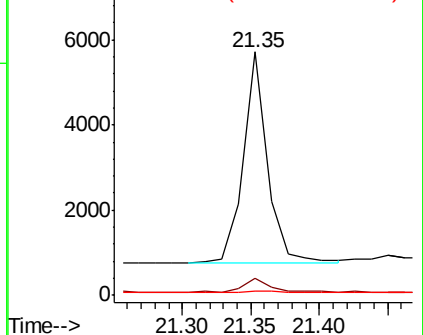
279 1.4 1.0 1.4



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: 23.99 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BE098510.D

Acq: 18 Dec 2018 10:46

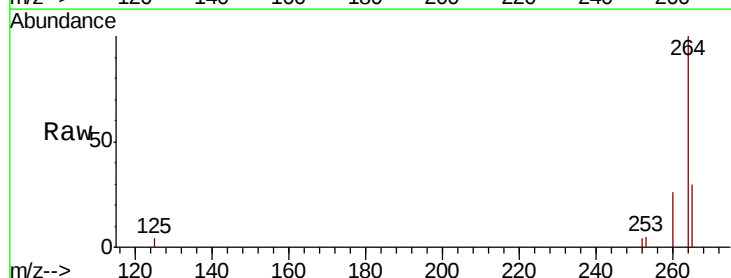
Tgt Ion:264 Resp: 6882

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

265 29.6 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

