

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098329.D
 Acq On : 11 Dec 2018 12:37
 Operator : SJ/JU
 Sample : PB115391BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 11 15:16:12 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

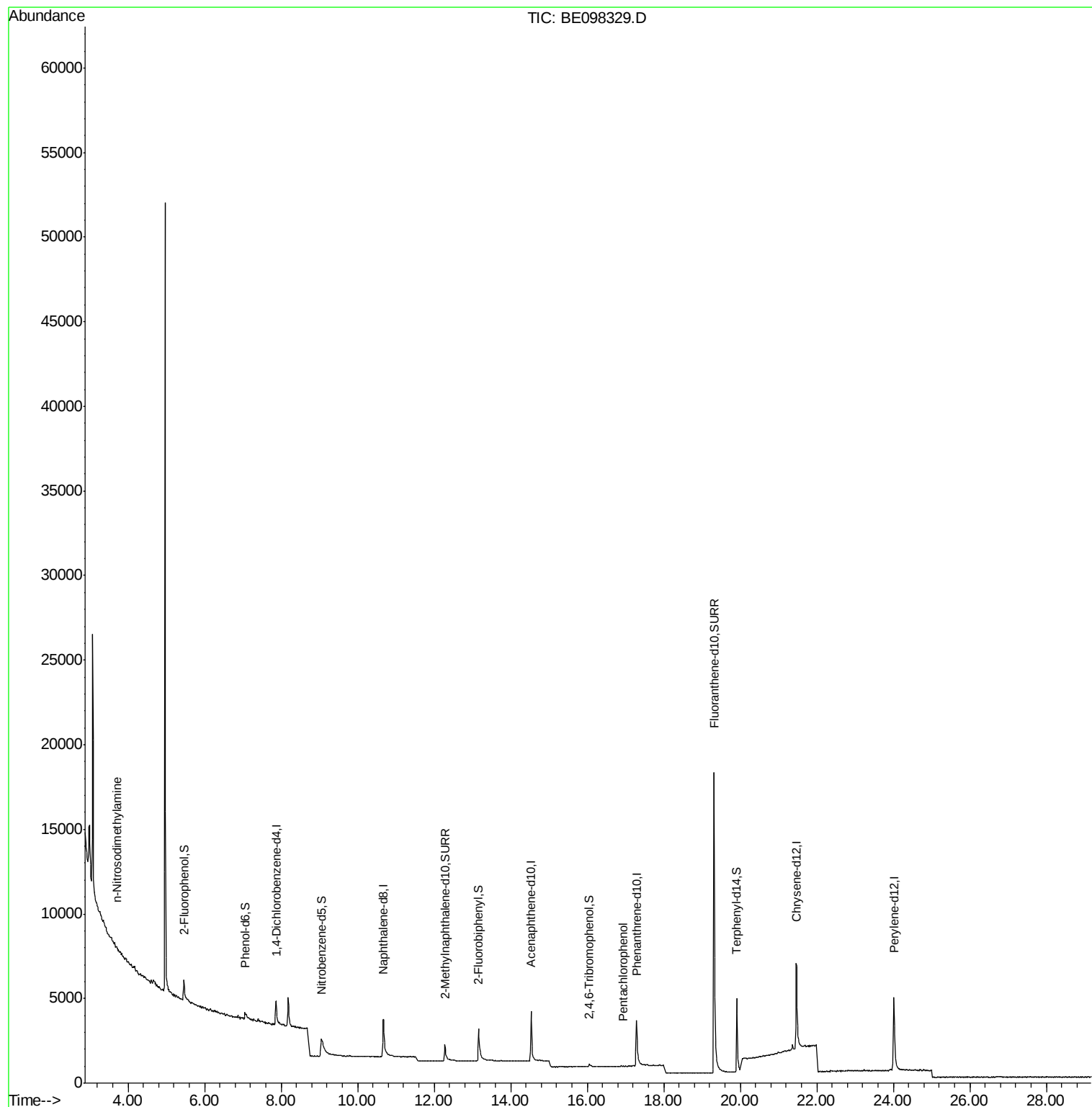
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1124	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	4331	0.40	ng	0.01
13) Acenaphthene-d10	14.53	164	2563	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	7044	0.40	ng	0.01
27) Chrysene-d12	21.48	240	8823	0.40	ng	0.01
34) Perylene-d12	24.01	264	8349	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	963	0.37	ng	0.00
5) Phenol-d6	7.07	99	1014	0.27	ng	0.02
8) Nitrobenzene-d5	9.05	82	1259	0.32	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	2536	0.36	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	241	0.26	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	3679	0.34	ng	0.01
25) Fluoranthene-d10	19.32	212	36038	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	5900	0.28	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	46	0.026	ng	# 100
22) Pentachlorophenol	16.93	266	6	0.026	ng	# 65

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

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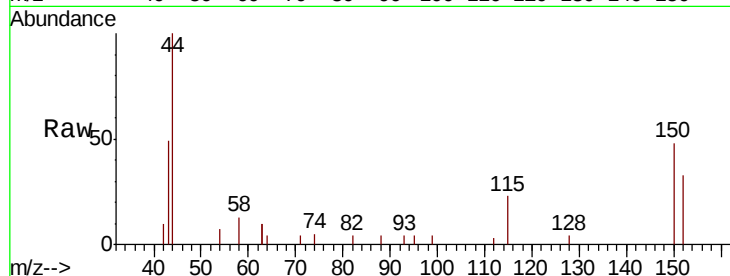


#1

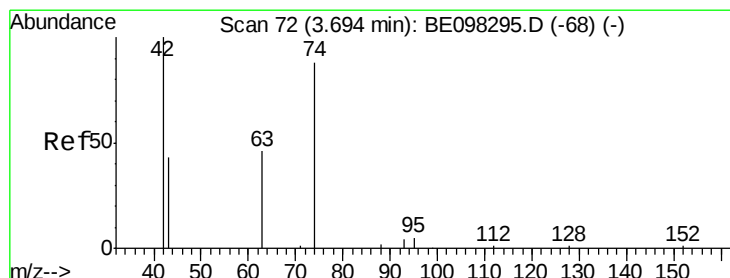
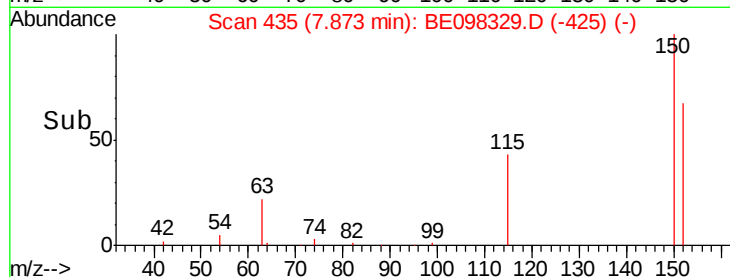
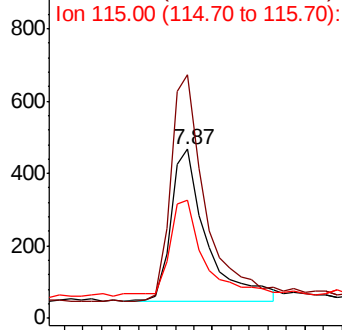
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098329.D
Acq: 11 Dec 2018 12:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	124.2	186.4
115	70.2	53.9	80.9



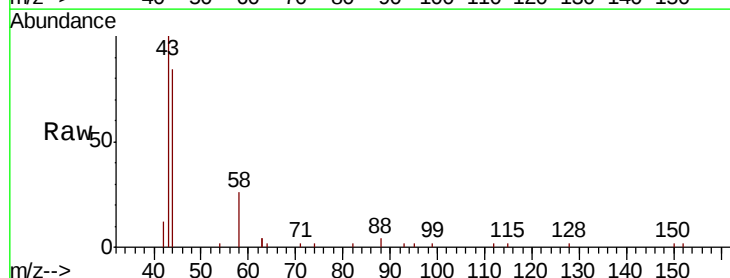
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



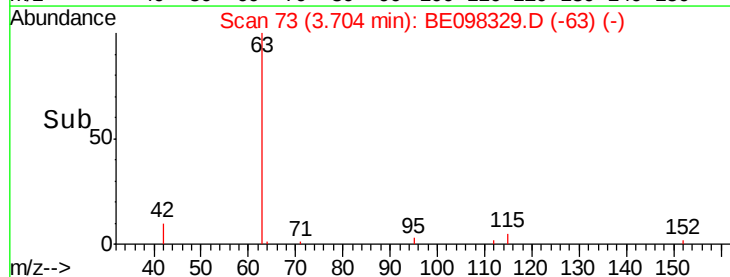
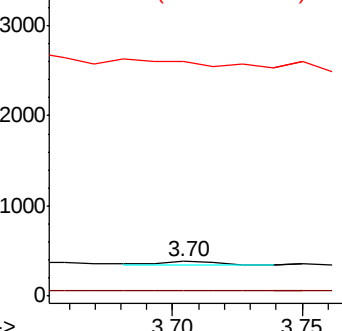
#3

n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098329.D
Acq: 11 Dec 2018 12:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	10.9	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: 0.366 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :
BNA_E
ClientSampled :

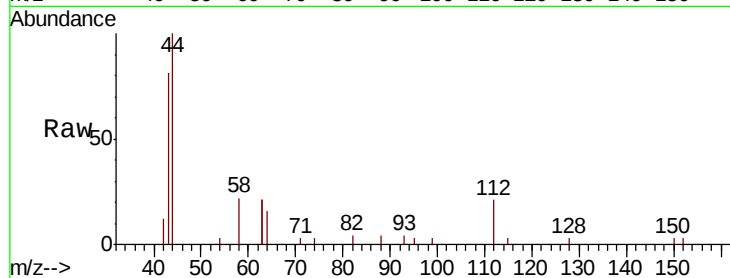
Tot Ion: 112 Resp: 963

Ion Ratio Lower Upper

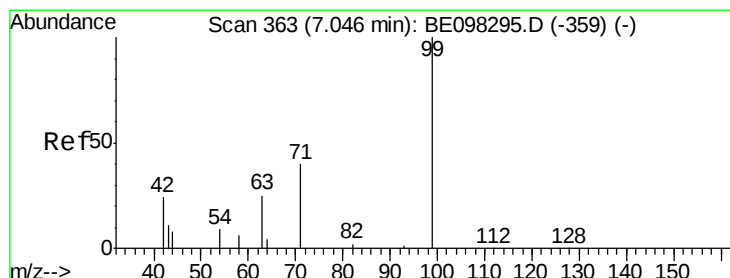
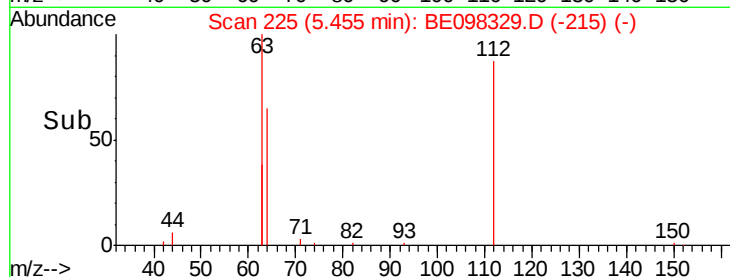
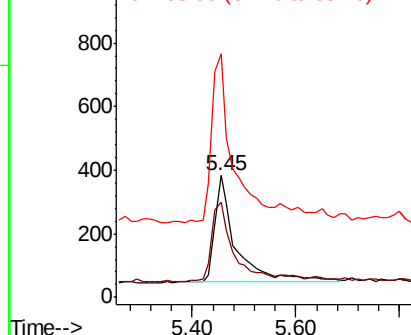
112 100

64 75.6 59.8 89.8

63 155.6 133.7 200.5



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: 0.272 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

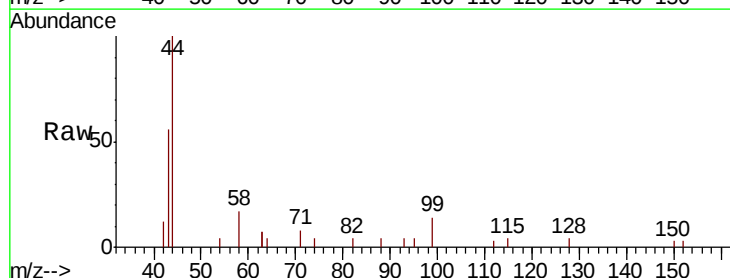
Tgt Ion: 99 Resp: 1014

Ion Ratio Lower Upper

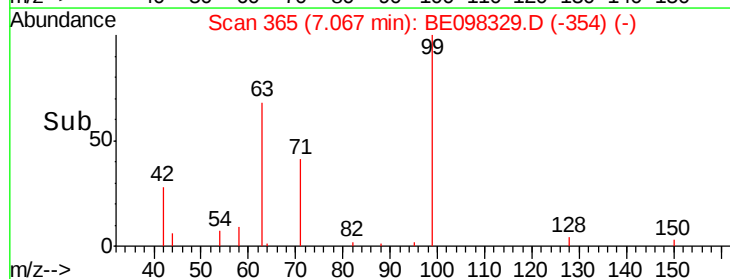
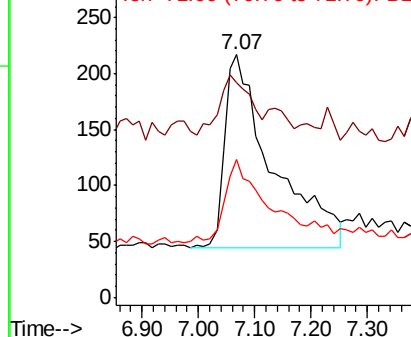
99 100

42 19.9 26.3 39.5#

71 37.9 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: 10.68 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE098329.D

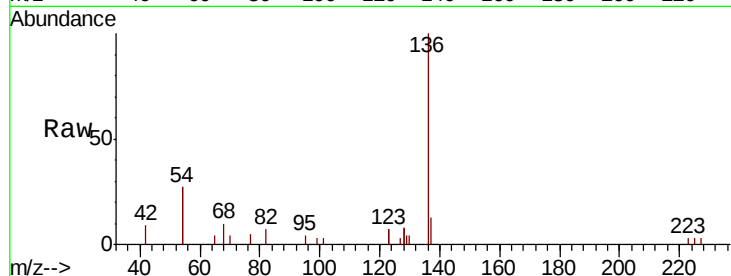
Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	4331
Ion Ratio	Lower	Upper
136	100	
137	13.5	9.2 13.8
54	53.5	28.4 42.6#
68	9.6	5.4 8.0#

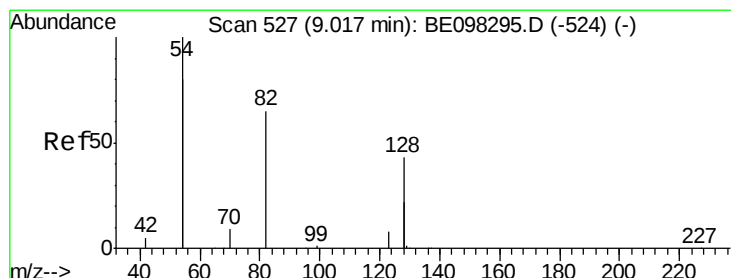
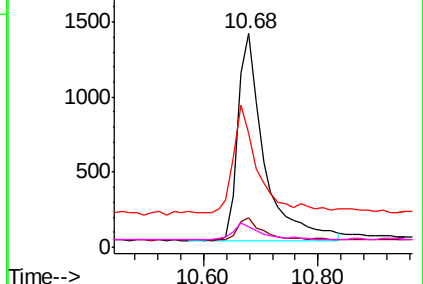
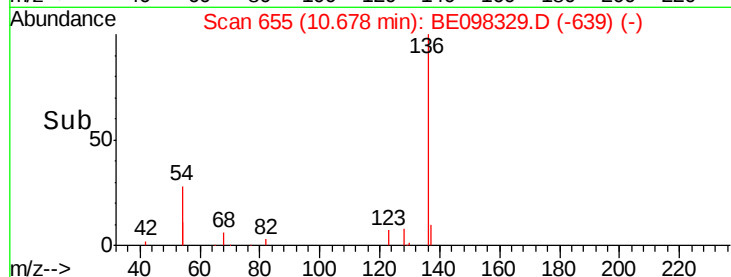


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.319 ng

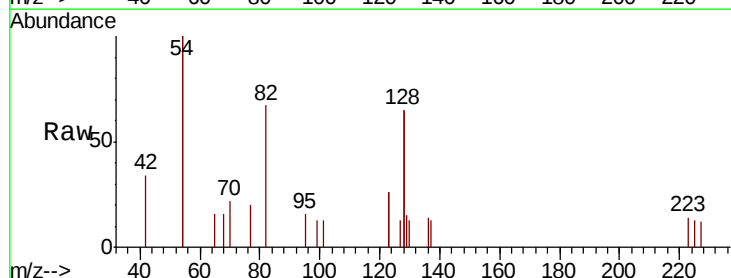
RT: 9.05 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

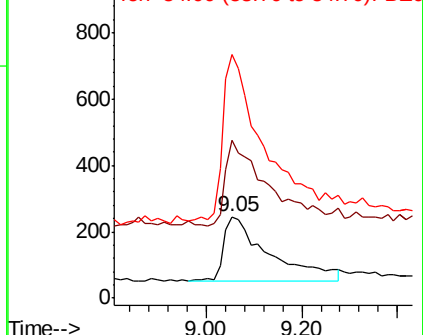
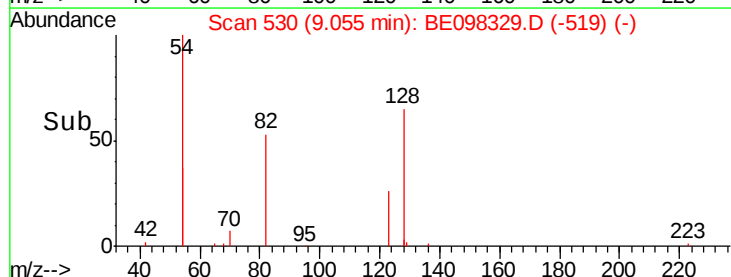
Tgt Ion: 82	Resp:	1259
Ion Ratio	Lower	Upper
82	100	
128	193.5	102.4 153.6#
54	298.4	221.8 332.8

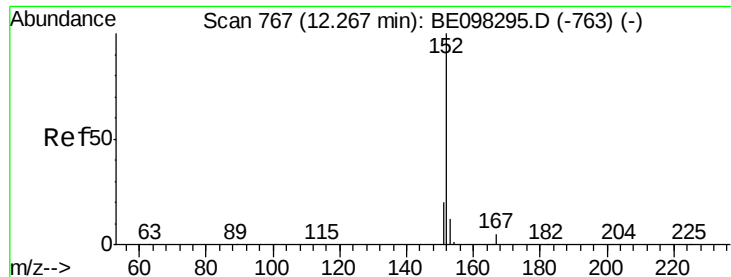


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

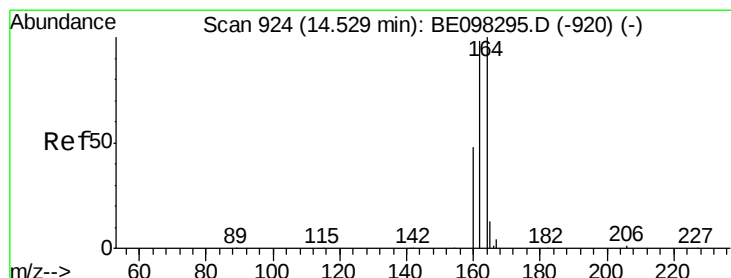
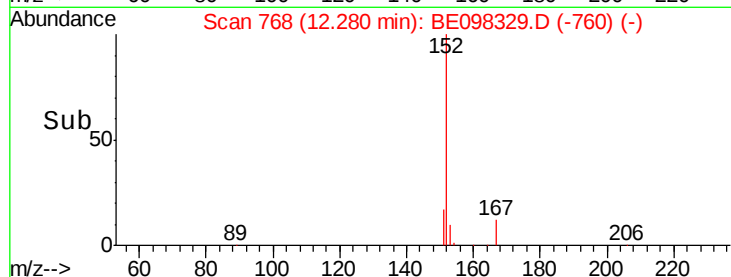
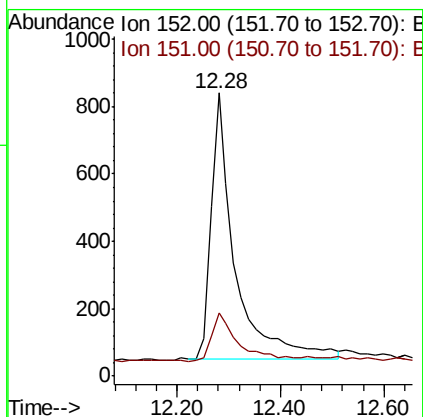
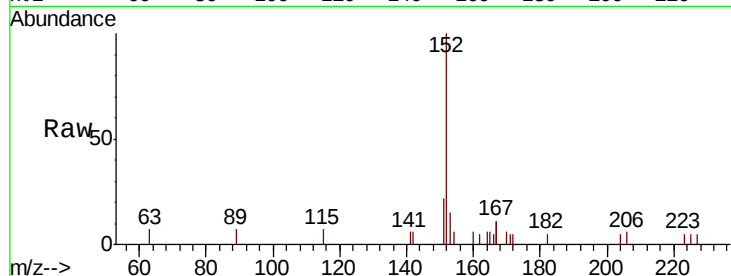




#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098329.D
 Acq: 11 Dec 2018 12:37

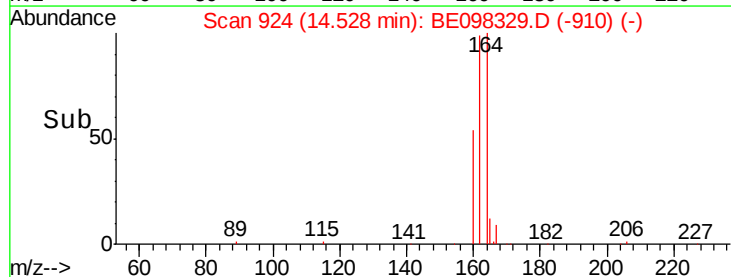
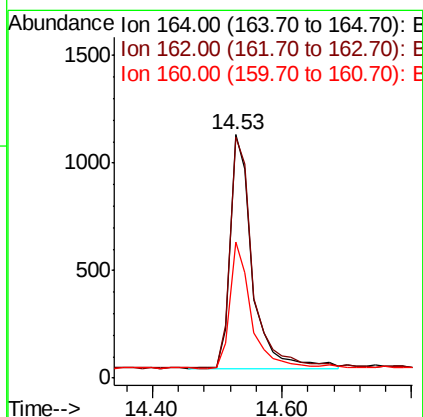
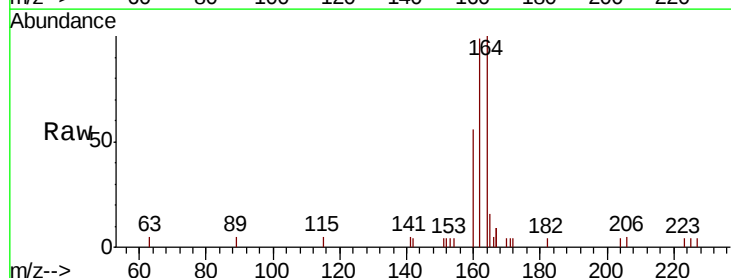
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2536
 Ion Ratio Lower Upper
 152 100
 151 19.9 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: BE098329.D
 Acq: 11 Dec 2018 12:37

Tgt Ion:164 Resp: 2563
 Ion Ratio Lower Upper
 164 100
 162 98.8 77.6 116.4
 160 56.1 36.0 54.0#

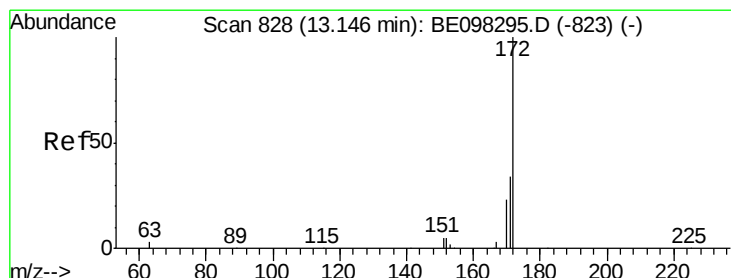
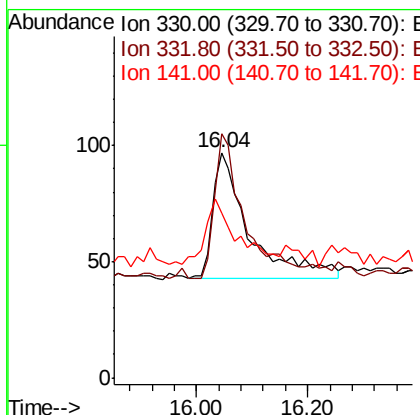
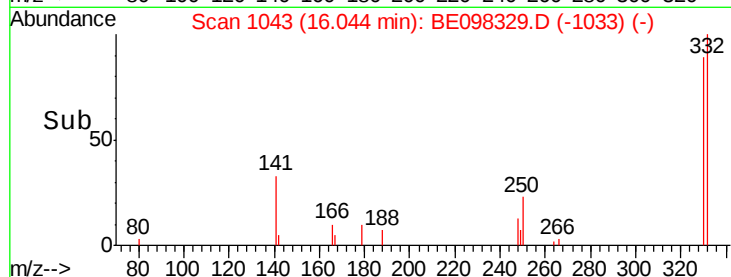
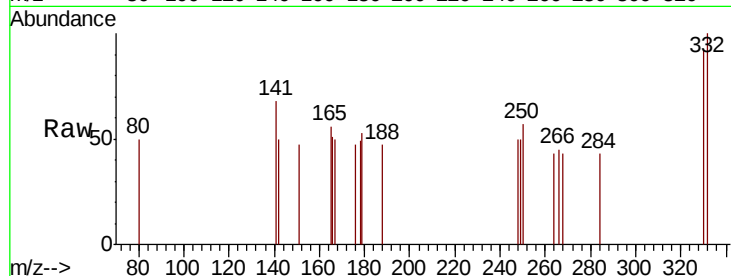




#14
 2,4,6-Tribromophenol
 Concen: 0.256 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098329.D
 Acq: 11 Dec 2018 12:37

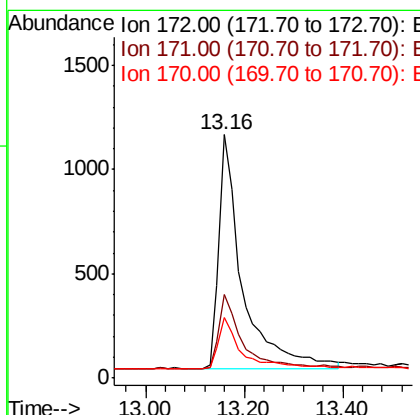
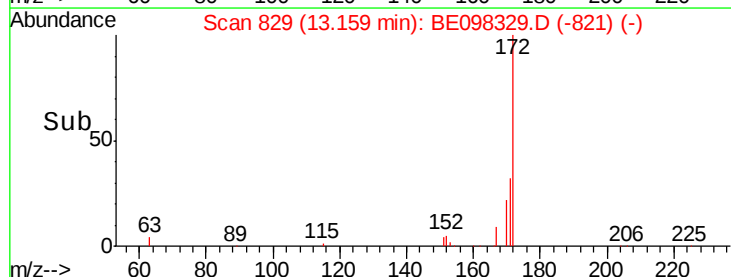
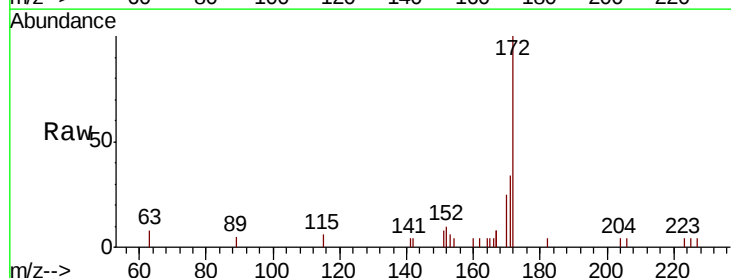
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 241
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 44.4 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.340 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BE098329.D
 Acq: 11 Dec 2018 12:37

Tgt Ion:172 Resp: 3679
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.5 41.3
 170 24.7 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

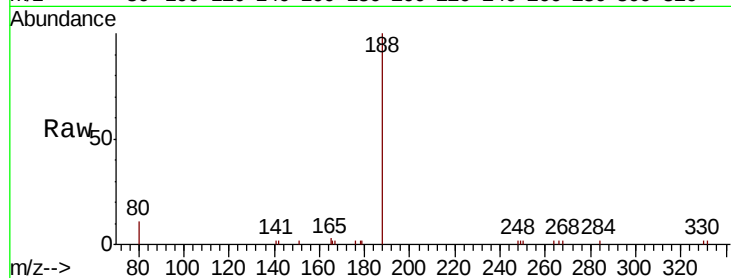
Tot Ion:188 Resp: 7044

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

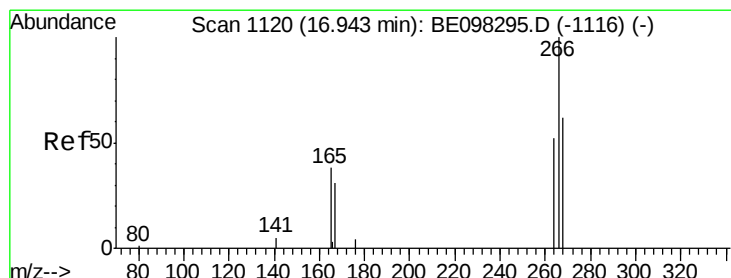
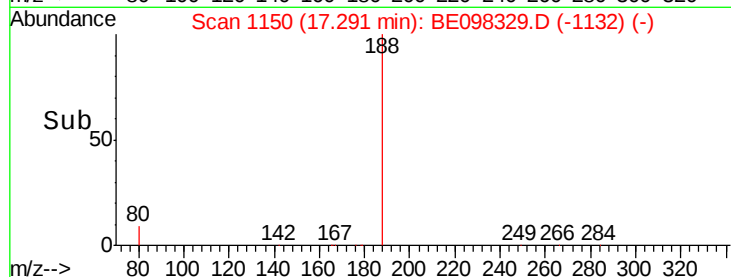
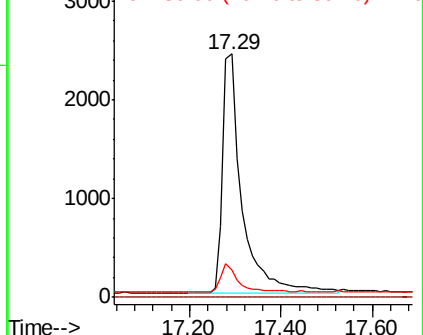
80 11.0 7.2 10.8#



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: 0.026 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

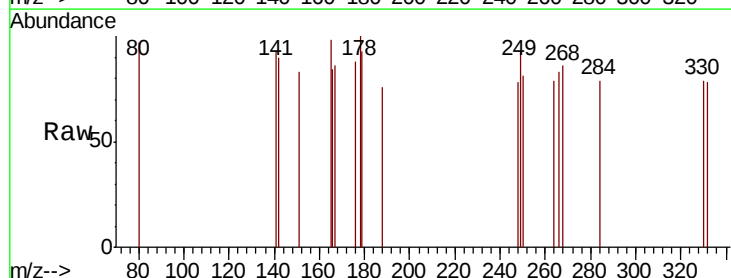
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 95.8 59.0 88.4#

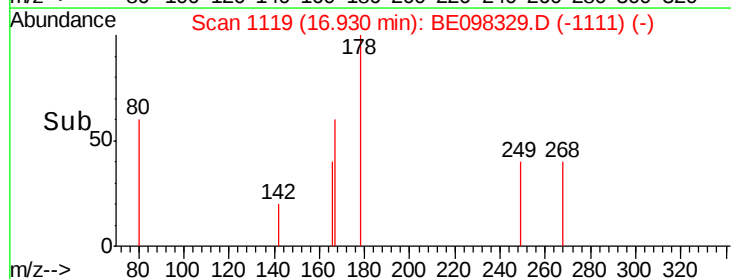
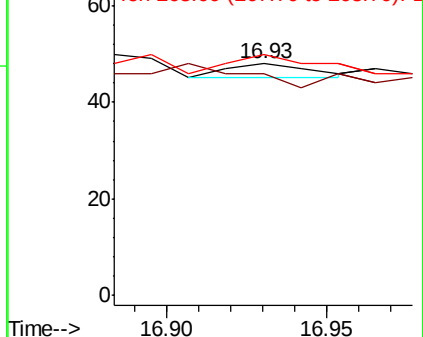
268 104.2 55.1 82.7#

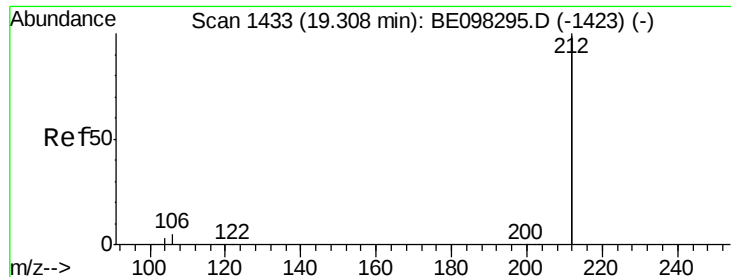


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.32 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :

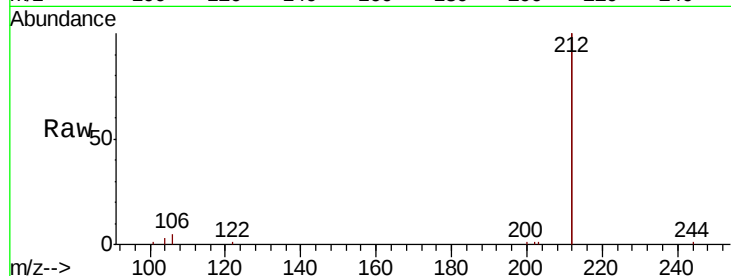
Tot Ion:212 Resp: 36038

Ion Ratio Lower Upper

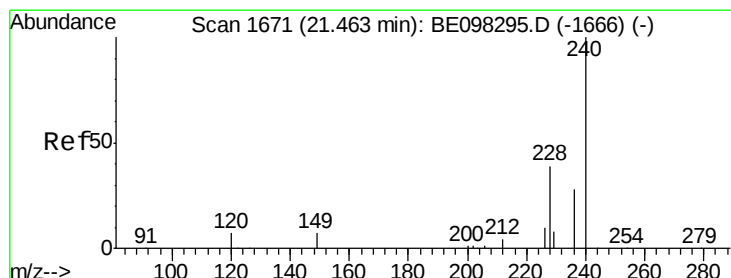
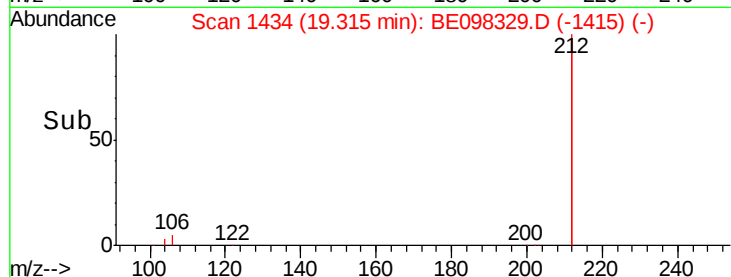
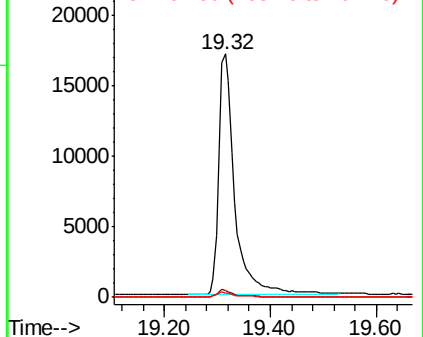
212 100

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: 21.48 min Scan# 1672

Delta R.T. 0.01 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

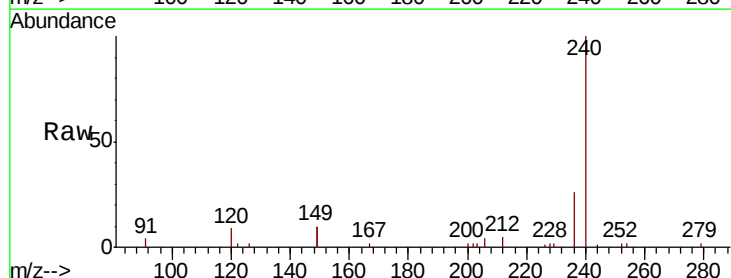
Tgt Ion:240 Resp: 8823

Ion Ratio Lower Upper

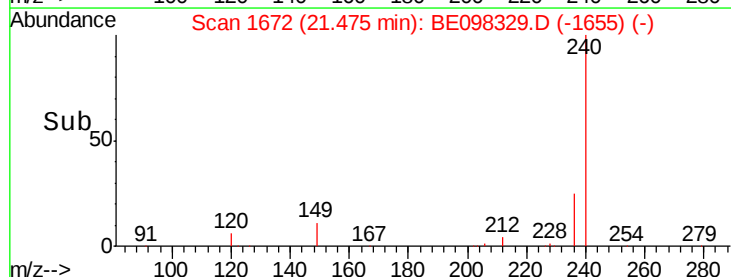
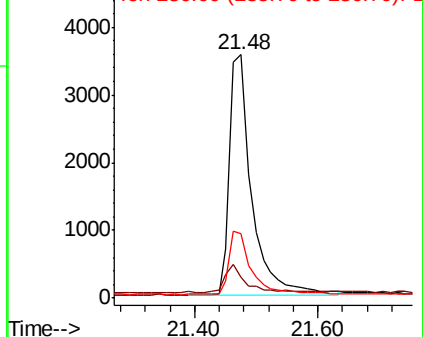
240 100

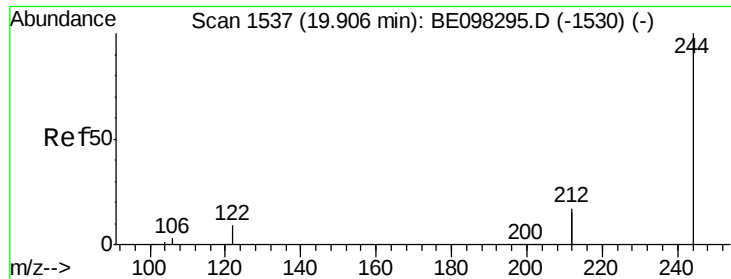
120 8.6 9.5 14.3#

236 26.2 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: 0.275 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

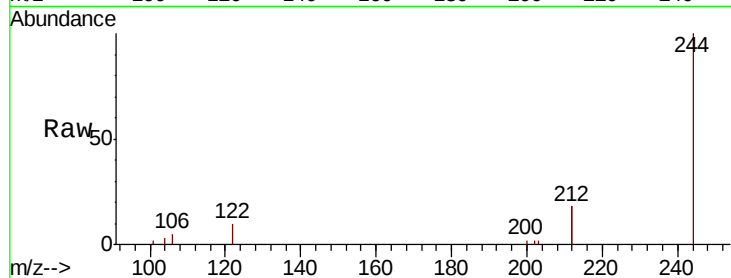
Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Instrument :

BNA_E

ClientSampleId :



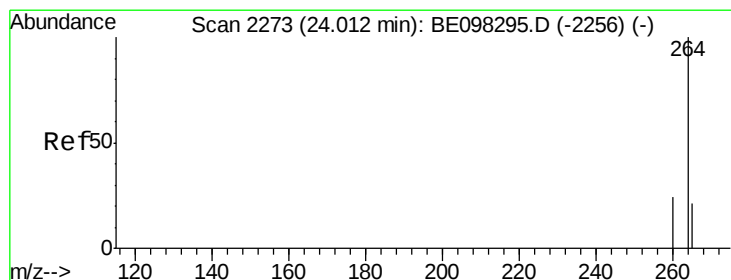
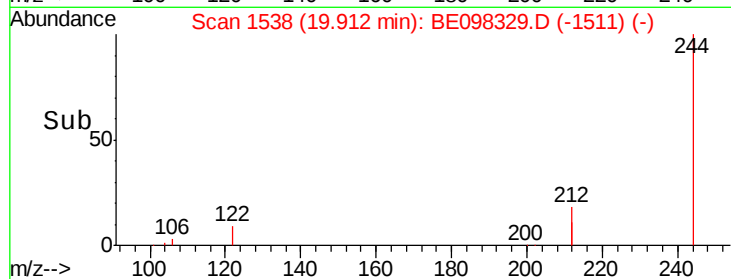
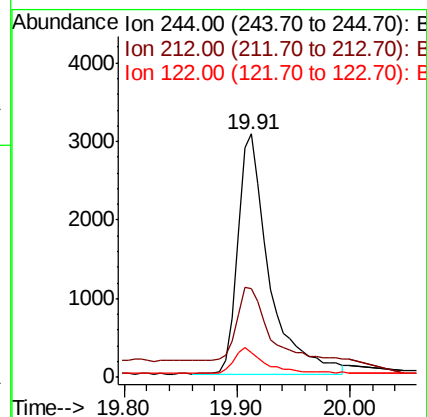
Tot Ion:244 Resp: 5900

Ion Ratio Lower Upper

244 100

212 36.2 27.4 41.0

122 10.4 8.3 12.5



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098329.D

Acq: 11 Dec 2018 12:37

Tgt Ion:264 Resp: 8349

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 31.9 25.2 37.8

