

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098358.D
 Acq On : 12 Dec 2018 9:22
 Operator : SJ/JU
 Sample : PB115506BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:27:27 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

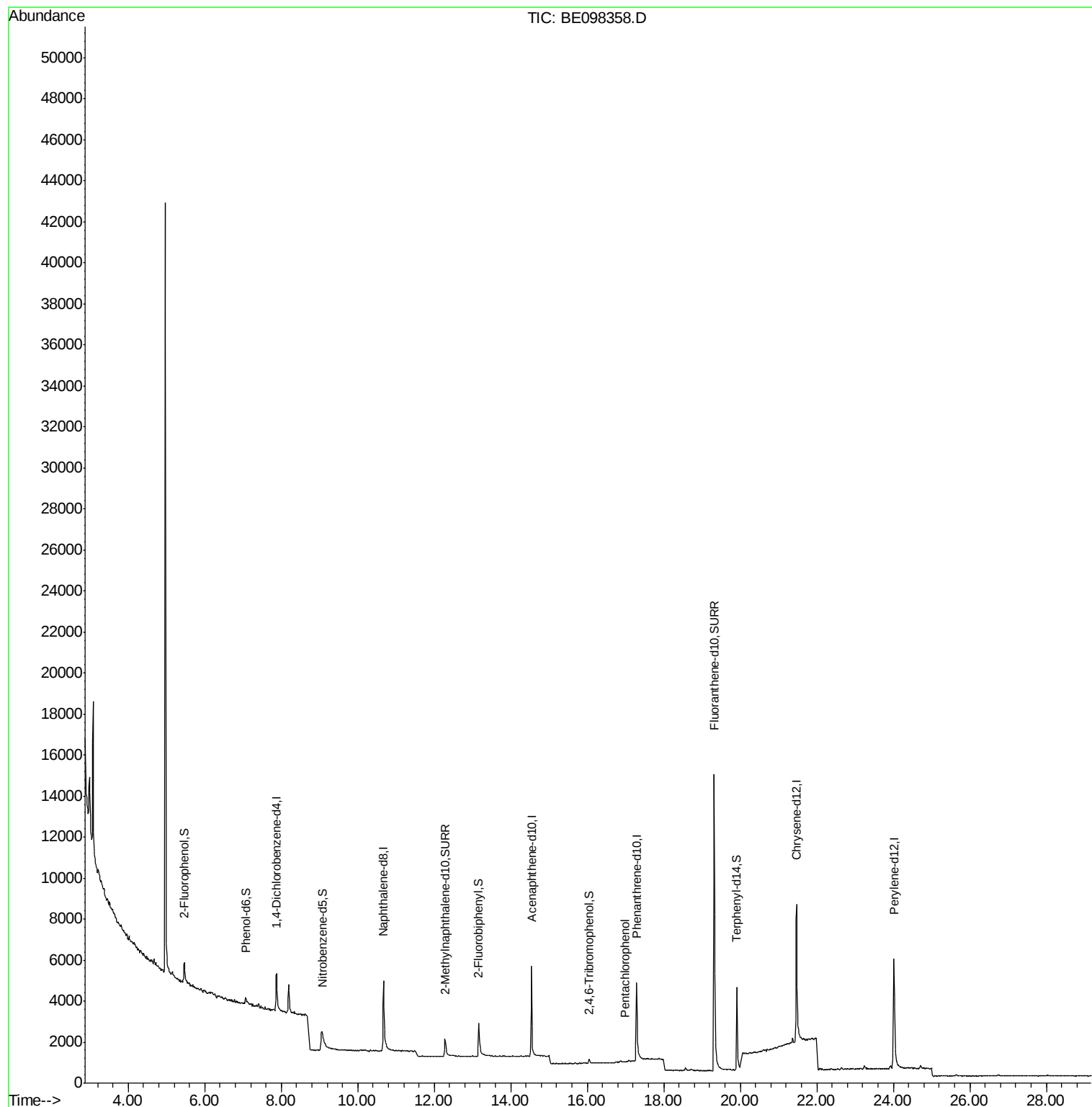
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1305	0.40	ng	0.02
7) Naphthalene-d8	10.68	136	5140	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3022	0.40	ng	0.01
19) Phenanthrene-d10	17.29	188	8479	0.40	ng	0.01
27) Chrysene-d12	21.47	240	10376	0.40	ng	0.01
34) Perylene-d12	24.02	264	9825	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	757	0.25	ng	0.02
5) Phenol-d6	7.08	99	922	0.21	ng	0.03
8) Nitrobenzene-d5	9.07	82	1066	0.23	ng	0.05
11) 2-Methylnaphthalene-d10	12.28	152	1891	0.23	ng	0.01
14) 2,4,6-Tribromophenol	16.05	330	241	0.22	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	2894	0.23	ng	0.01
25) Fluoranthene-d10	19.32	212	27028	0.25	ng	0.01
29) Terphenyl-d14	19.91	244	4759	0.19	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.98	266	10	0.029	ng	Qvalue # 72

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

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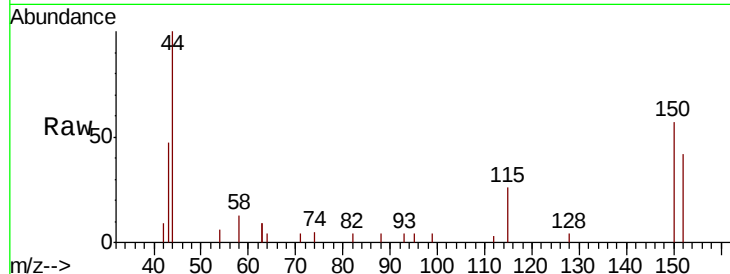




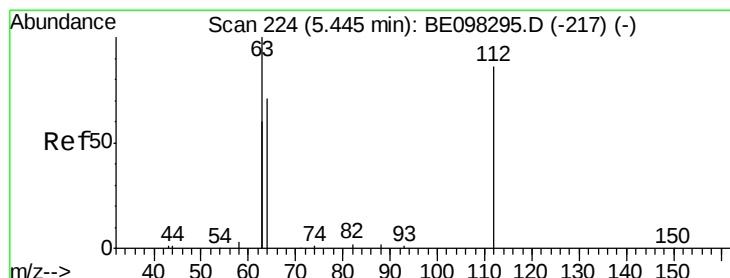
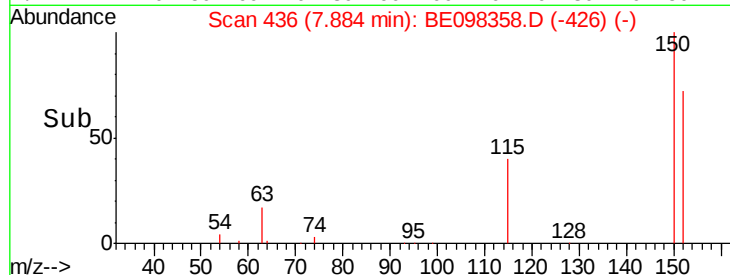
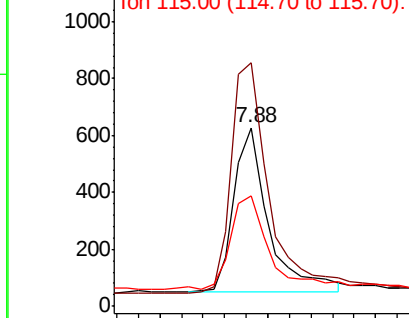
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.88 min Scan# 436
 Delta R.T. 0.02 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 1305
 Ion Ratio Lower Upper
 152 100
 150 136.3 124.2 186.4
 115 61.8 53.9 80.9

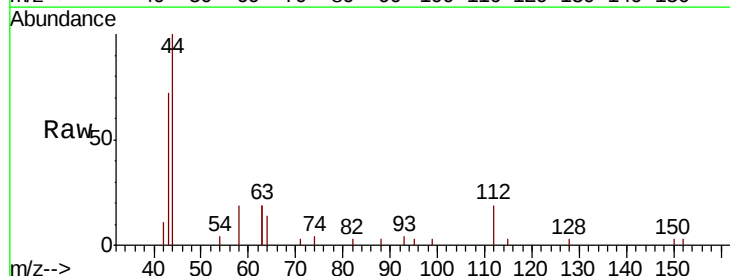


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

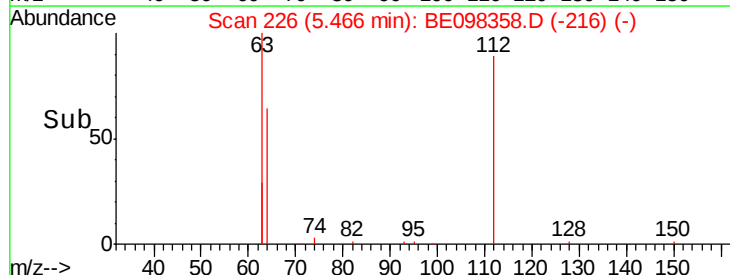
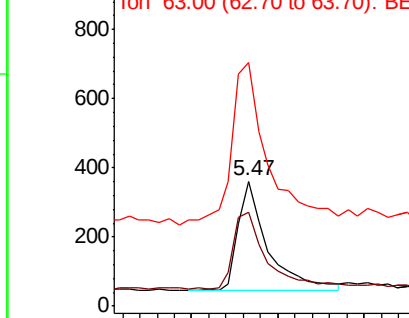


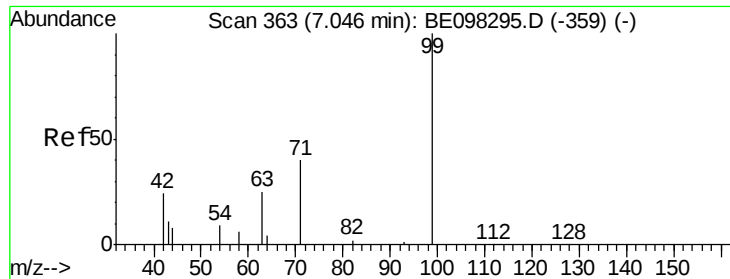
#4
 2-Fluorophenol
 Concen: 0.248 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.02 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

Tgt Ion:112 Resp: 757
 Ion Ratio Lower Upper
 112 100
 64 85.5 59.8 89.8
 63 183.4 133.7 200.5



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: 0.213 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098358.D

Acq: 12 Dec 2018 9:22

Instrument :

BNA_E

ClientSampleId :

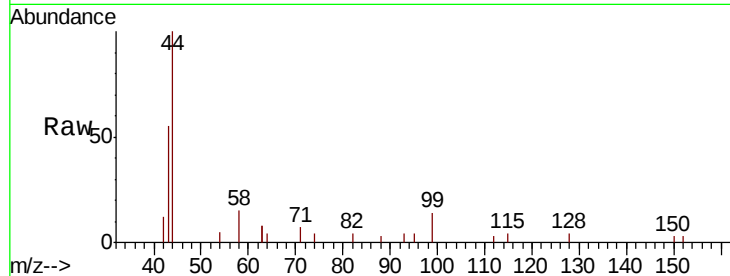
Tot Ion: 99 Resp: 922

Ion Ratio Lower Upper

99 100

42 20.5 26.3 39.5#

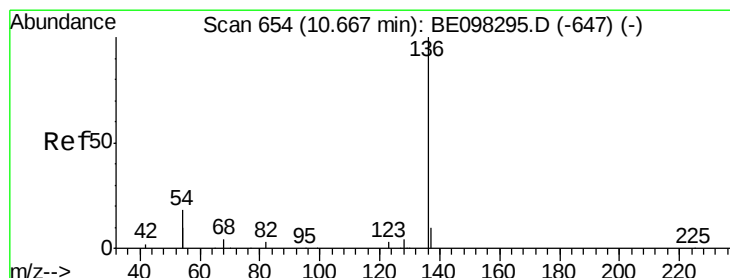
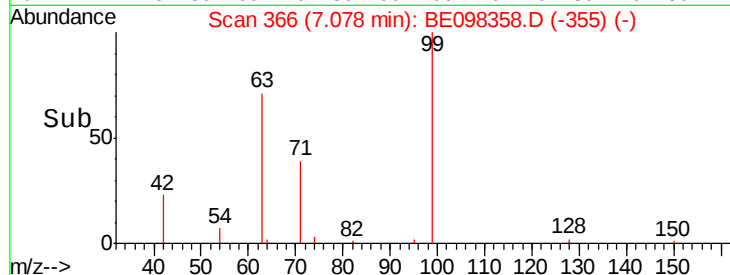
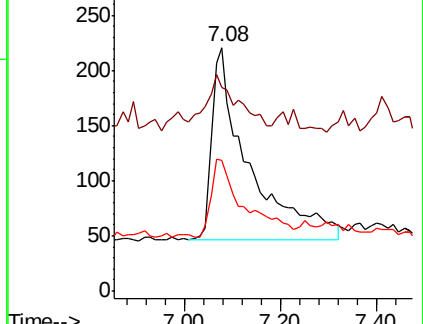
71 36.6 33.6 50.4



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: BE098358.D

Acq: 12 Dec 2018 9:22

Tgt Ion: 136 Resp: 5140

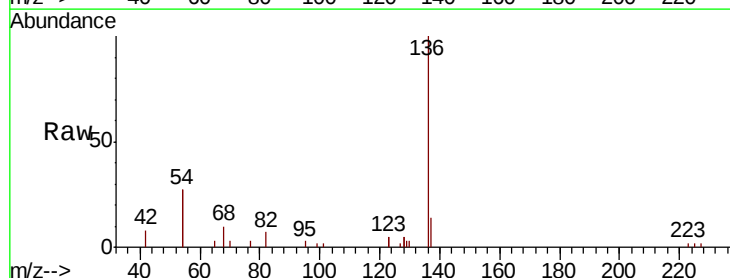
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 54.1 28.4 42.6#

68 9.6 5.4 8.0#

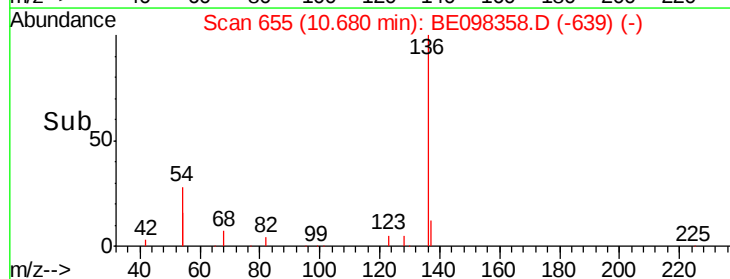
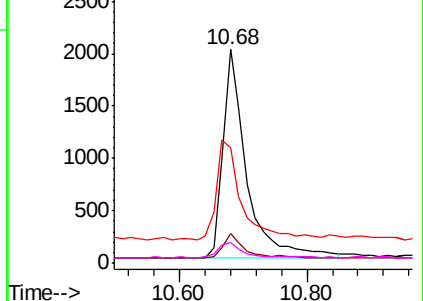


Abundance Ion 136.00 (135.70 to 136.70): E

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

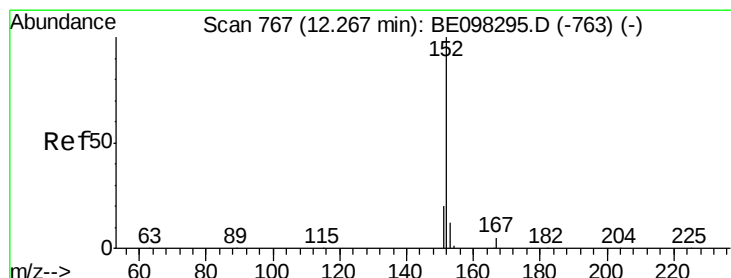
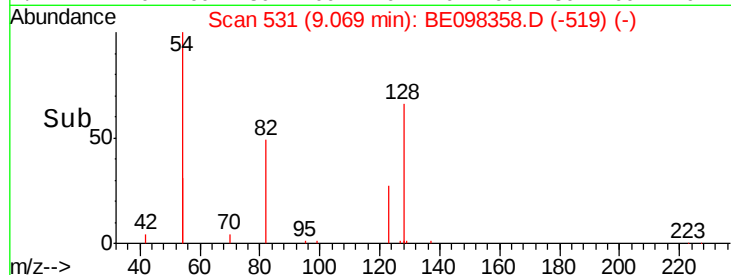
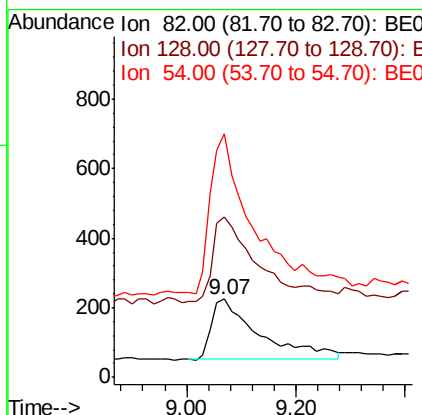
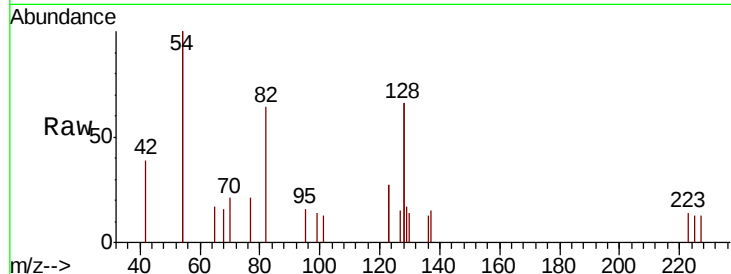




#8
 Nitrobenzene-d5
 Concen: 0.228 ng
 RT: 9.07 min Scan# 531
 Delta R.T. 0.05 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

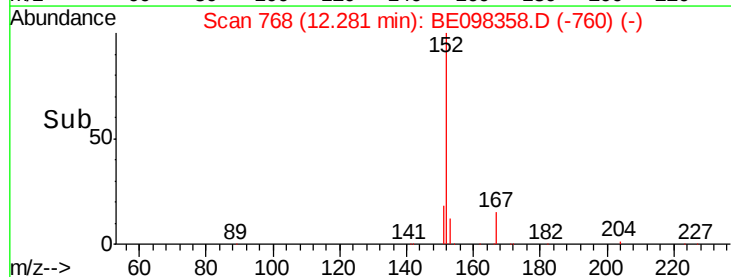
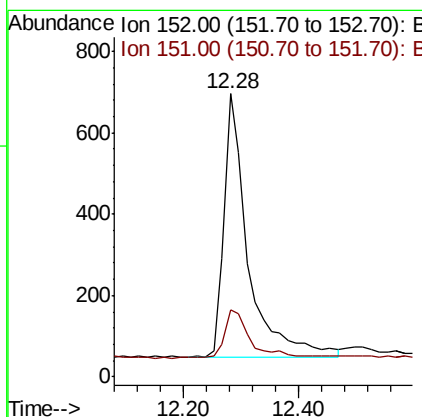
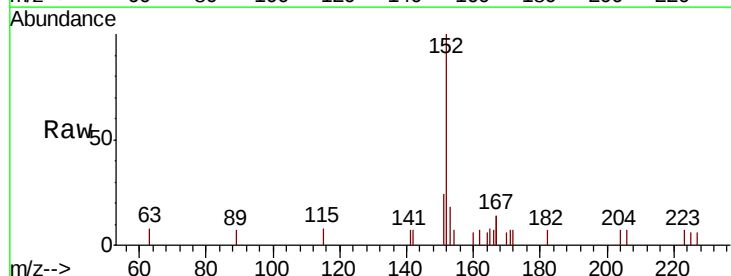
Instrument :
 BNA_E
 ClientSampled :

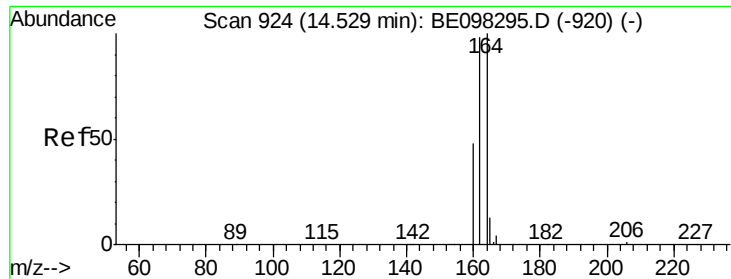
Tot Ion	82	Resp	1066
Ion Ratio	Lower	Upper	
82	100		
128	206.3	102.4	153.6#
54	312.5	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.226 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

Tgt Ion	152	Resp	1891
Ion Ratio	Lower	Upper	
152	100		
151	18.1	16.2	24.4

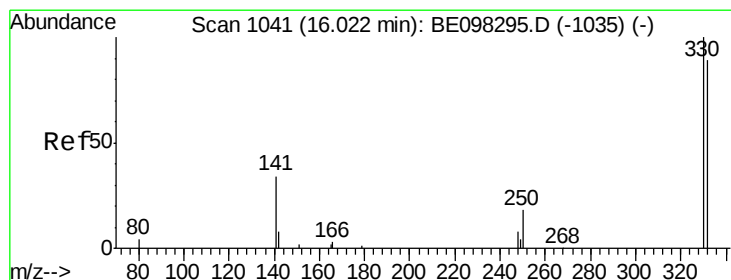
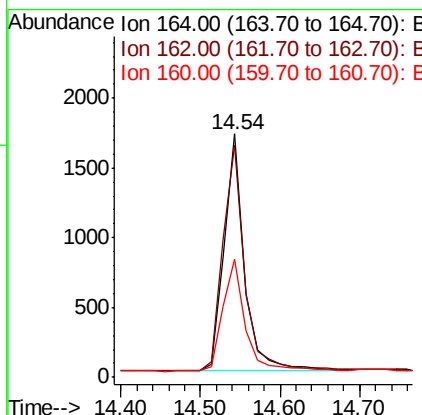
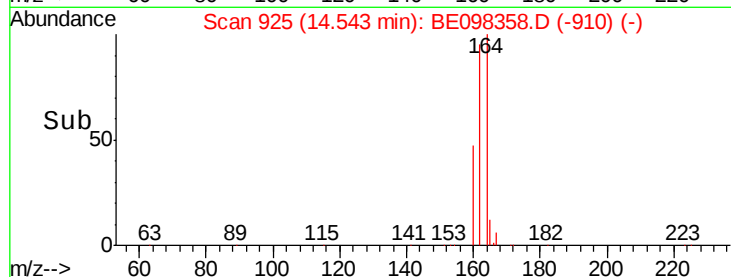
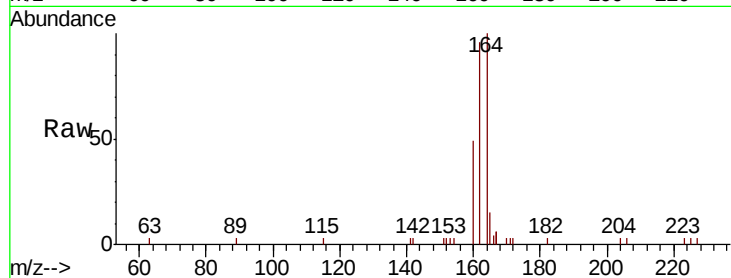




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

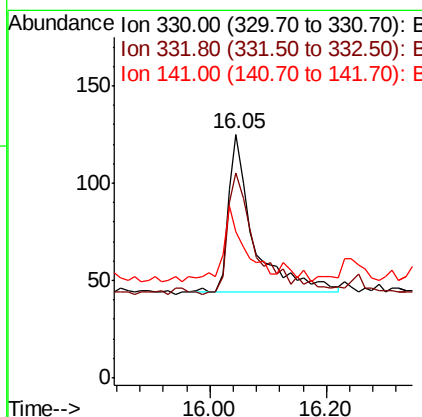
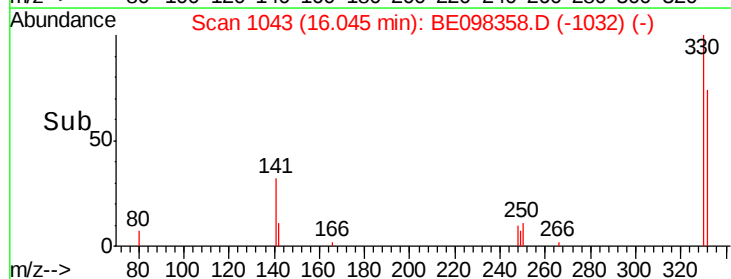
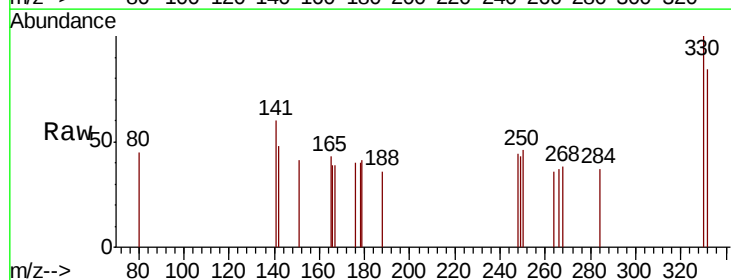
Instrument :
 BNA_E
 ClientSampleId :

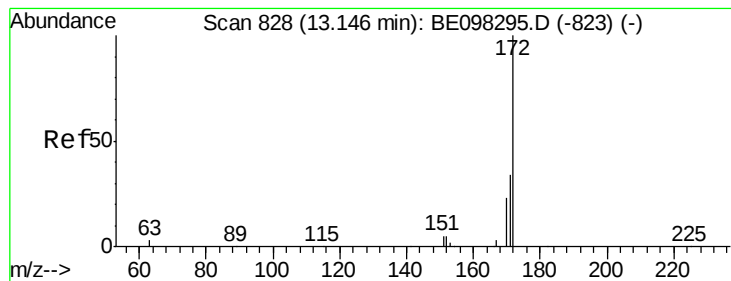
Tot Ion:164 Resp: 3022
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.6 116.4
 160 48.7 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 0.217 ng
 RT: 16.05 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

Tgt Ion:330 Resp: 241
 Ion Ratio Lower Upper
 330 100
 332 90.0 76.2 114.4
 141 36.1 39.0 58.4#

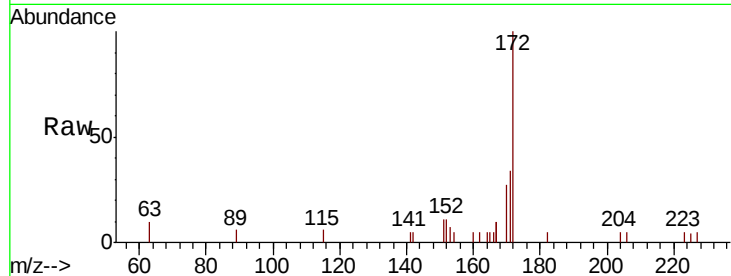




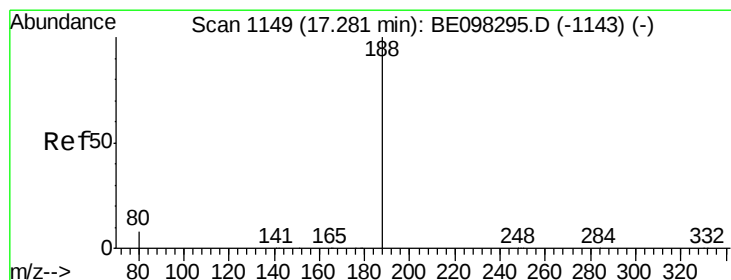
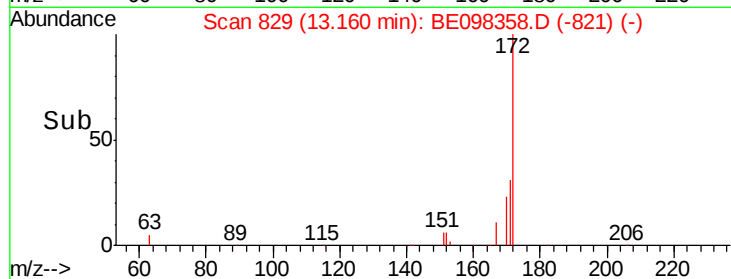
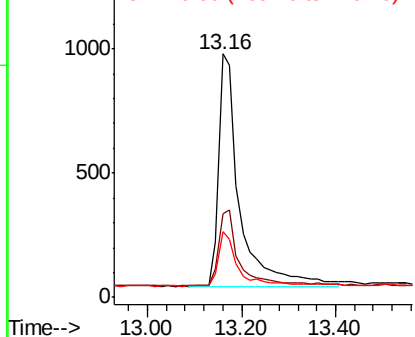
#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098358.D
Acq: 12 Dec 2018 9:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 2894
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 27.0 19.6 29.4

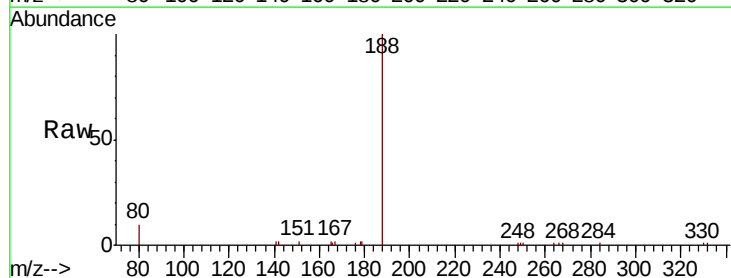


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

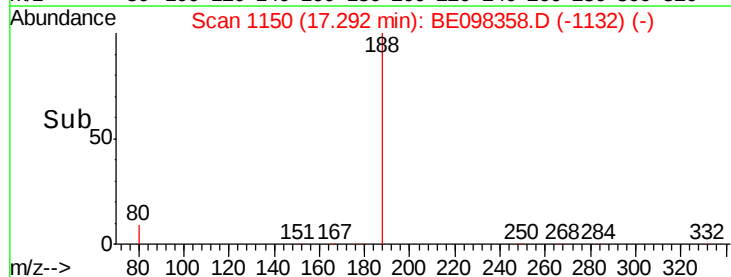
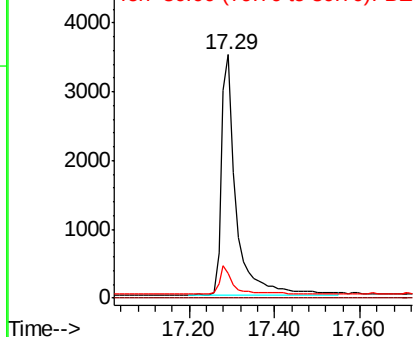


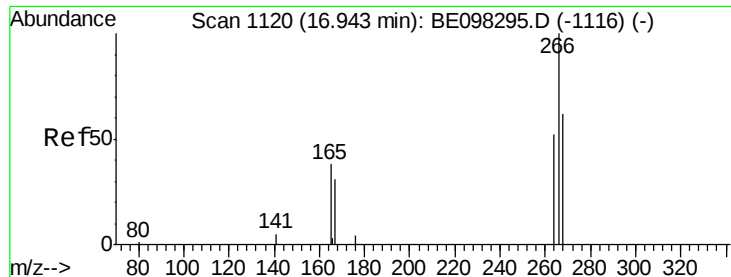
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BE098358.D
Acq: 12 Dec 2018 9:22

Tgt Ion:188 Resp: 8479
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

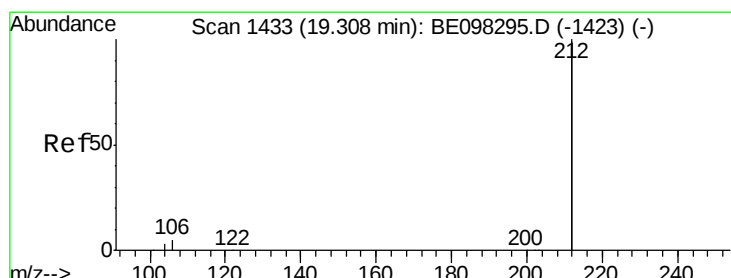
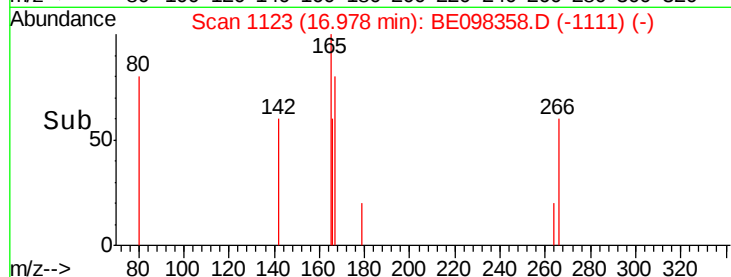
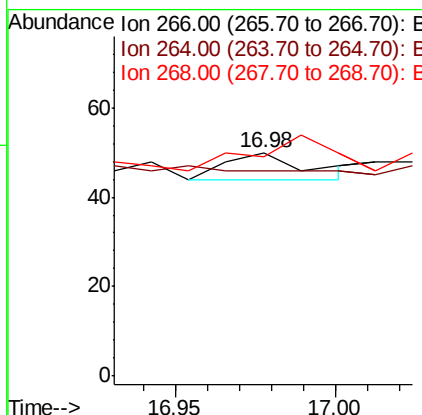
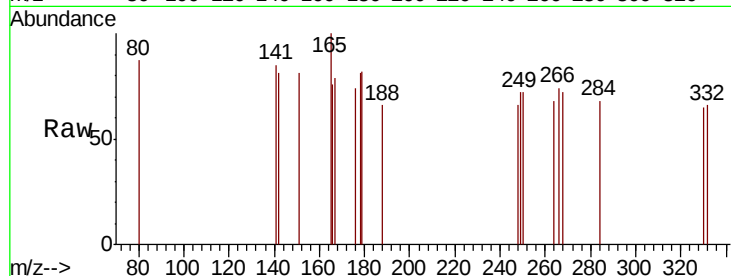




#22
 Pentachlorophenol
 Concen: 0.029 ng
 RT: 16.98 min Scan# 1123
 Delta R.T. 0.04 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

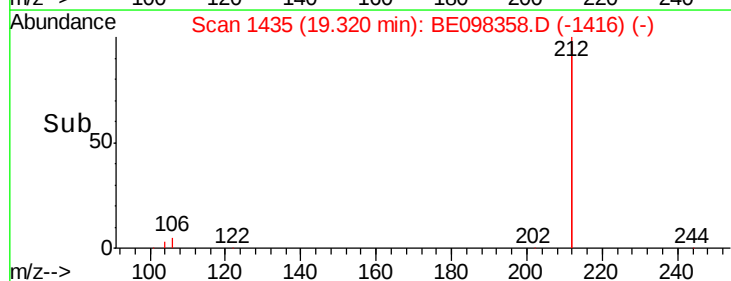
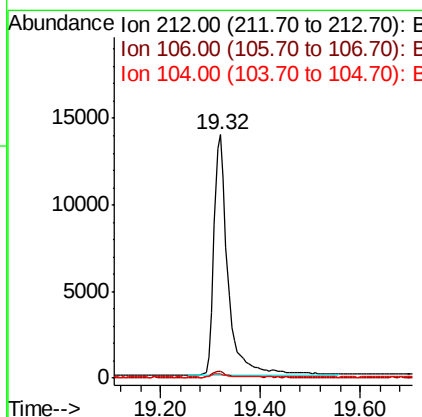
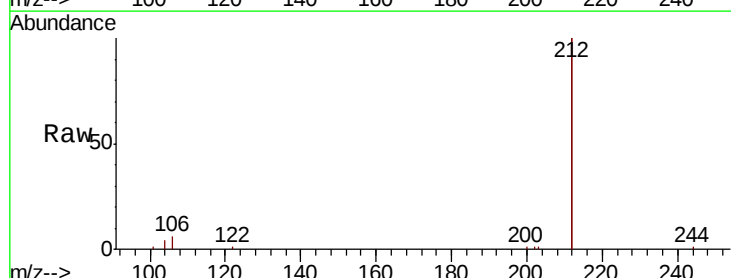
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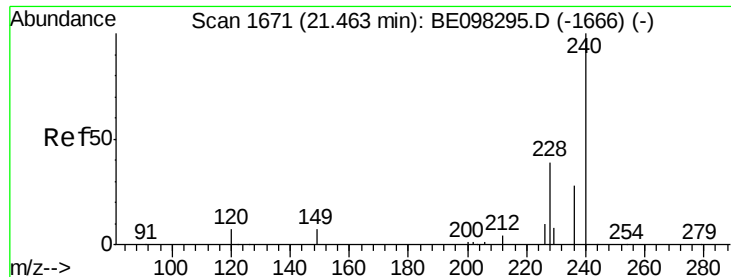
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 92.0 59.0 88.4#
 268 98.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.248 ng
 RT: 19.32 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

Tgt Ion:212 Resp: 27028
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.6 1.3 1.9

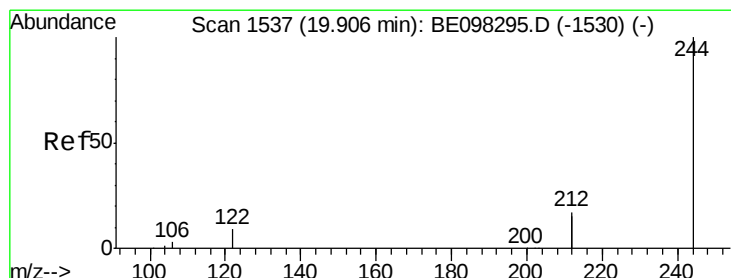
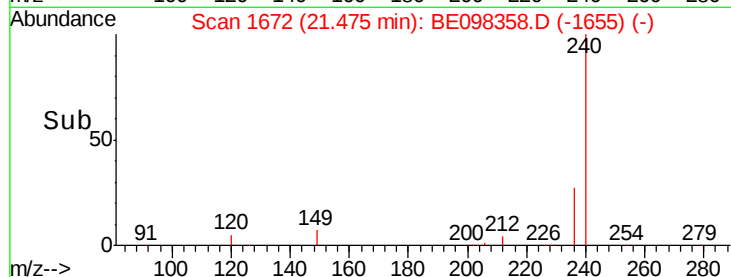
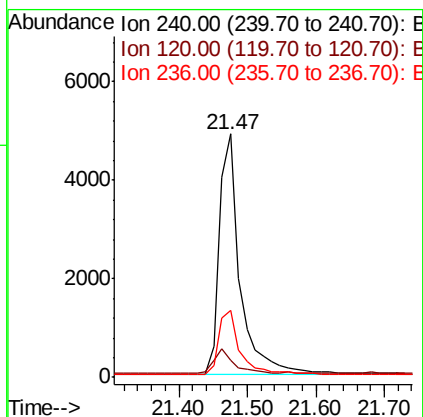
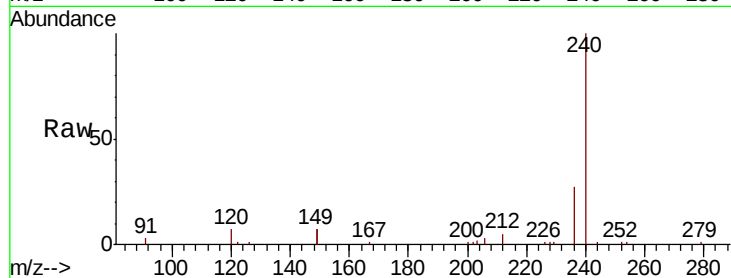




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. 0.01 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

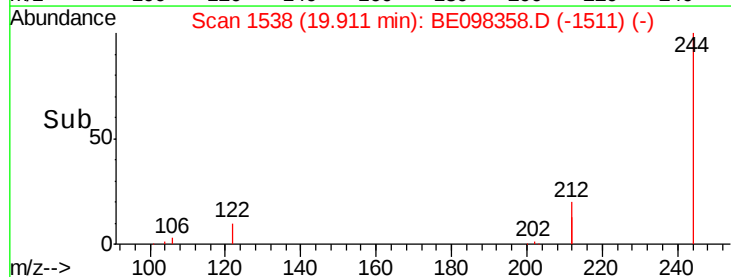
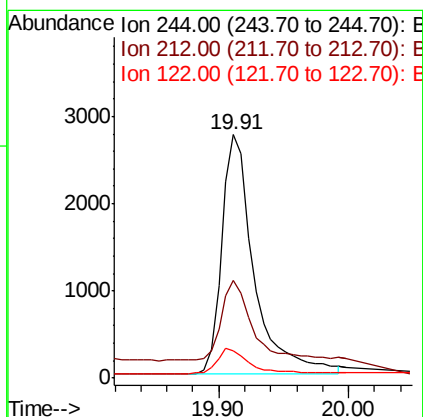
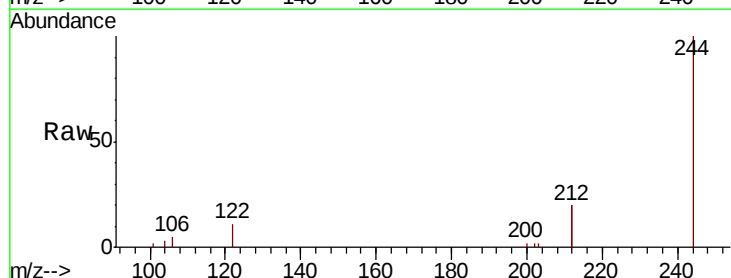
Instrument :
 BNA_E
 ClientSampleId :

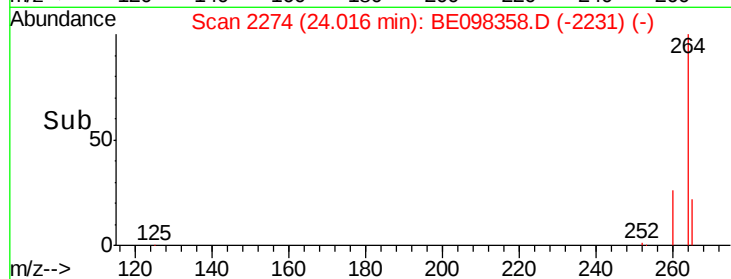
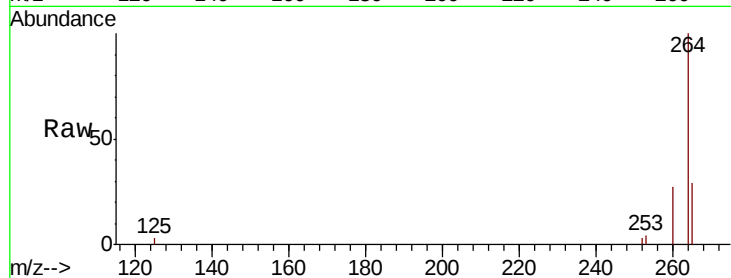
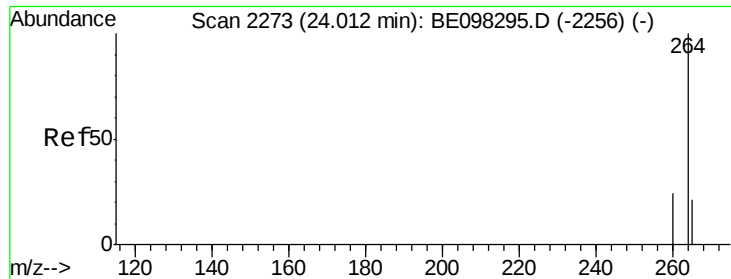
Tot Ion:240 Resp: 10376
 Ion Ratio Lower Upper
 240 100
 120 6.8 9.5 14.3#
 236 27.5 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.189 ng
 RT: 19.91 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BE098358.D
 Acq: 12 Dec 2018 9:22

Tgt Ion:244 Resp: 4759
 Ion Ratio Lower Upper
 244 100
 212 40.1 27.4 41.0
 122 11.2 8.3 12.5





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098358.D

Acq: 12 Dec 2018 9:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 9825

Ion Ratio Lower Upper

264 100

260 27.0 20.2 30.2

265 28.9 25.2 37.8

Abundance Ion 264.00 (263.70 to 264.70): E

5000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

