

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098553.D
 Acq On : 21 Dec 2018 15:16
 Operator : SJ/JU
 Sample : PB115910BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 21 15:54:11 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

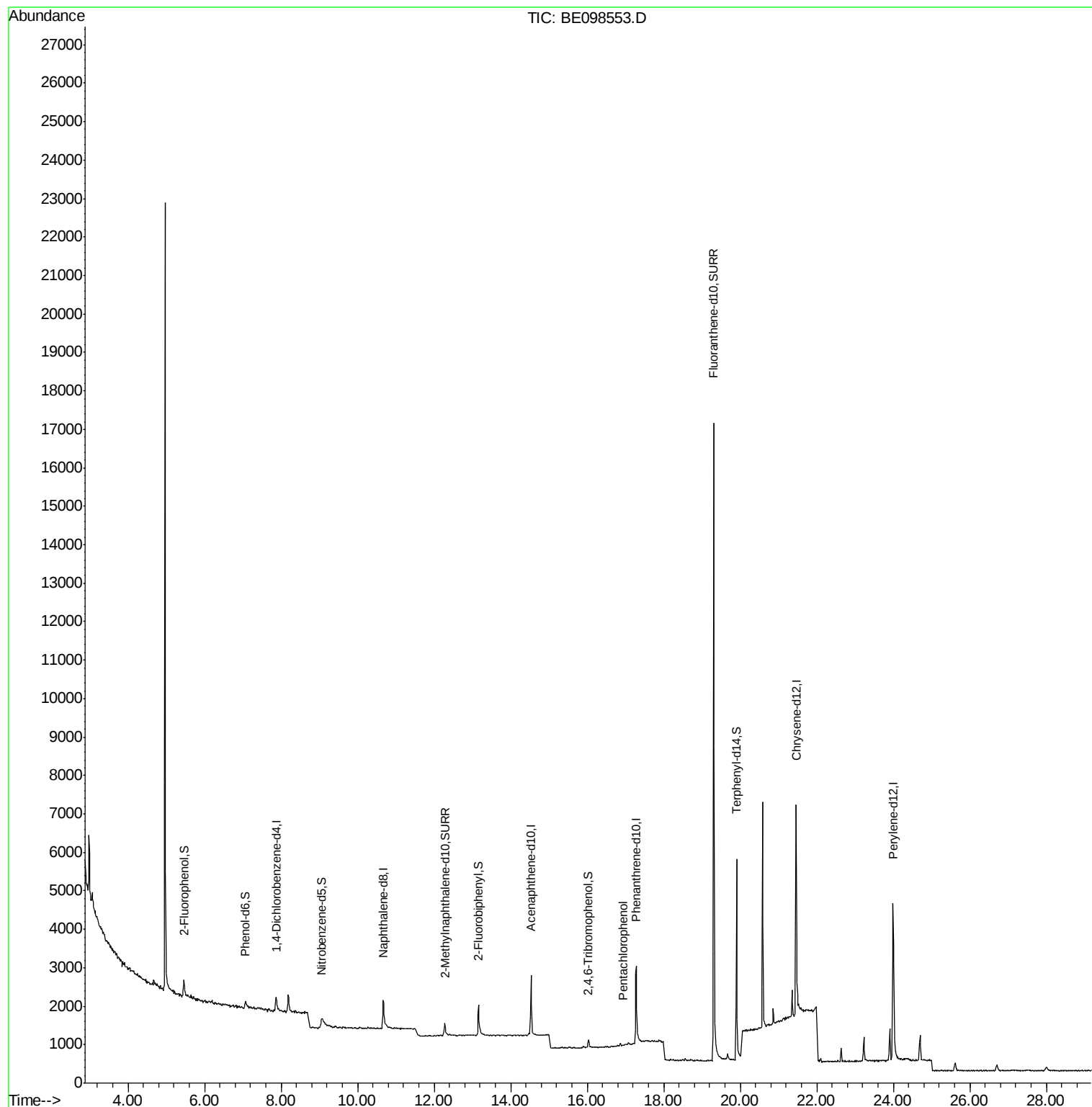
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	319	0.40	ng	0.01
7) Naphthalene-d8	10.68	136	1356	0.40	ng	0.01
13) Acenaphthene-d10	14.53	164	1081	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	4218	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7919	0.40	ng	0.00
34) Perylene-d12	23.99	264	7031	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	308	0.41	ng	0.01
5) Phenol-d6	7.07	99	331	0.31	ng	0.02
8) Nitrobenzene-d5	9.06	82	336	0.27	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	769	0.35	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	197	0.50	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1264	0.28	ng	0.01
25) Fluoranthene-d10	19.30	212	26143	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	5838	0.30	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.93	266	11	0.046	ng	Qvalue # 73

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

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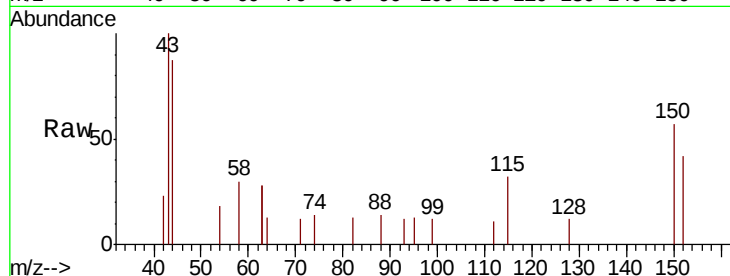


#1

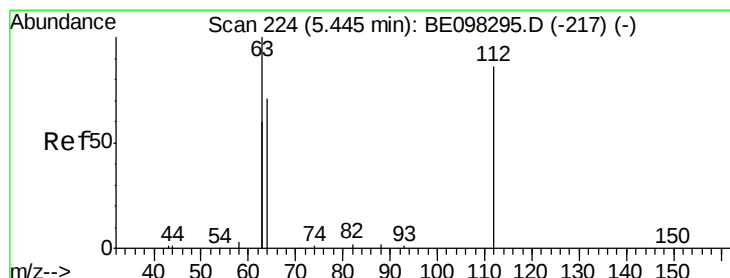
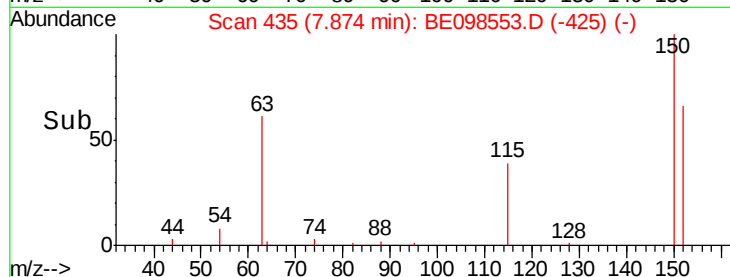
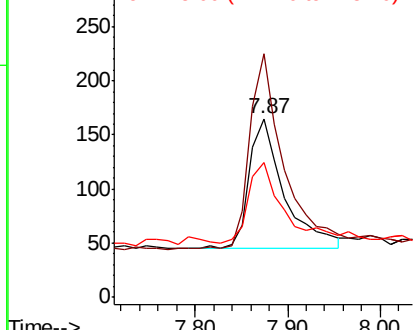
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098553.D
Acq: 21 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 319
Ion Ratio Lower Upper
152 100
150 136.4 124.2 186.4
115 75.8 53.9 80.9



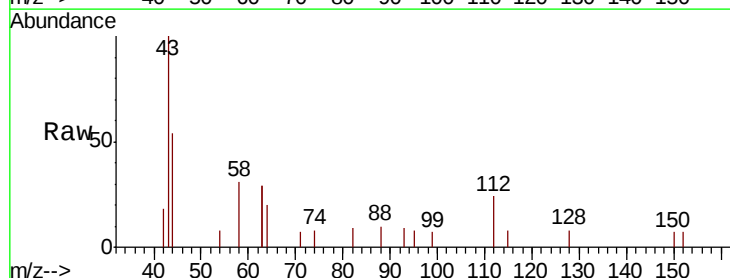
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



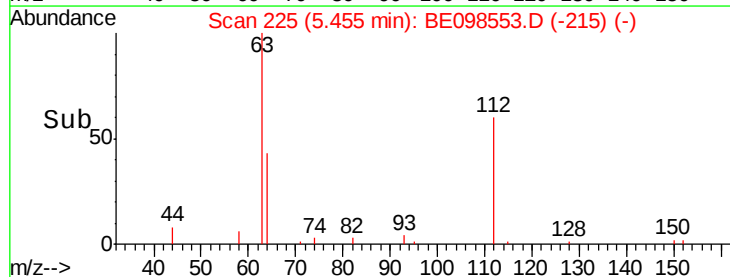
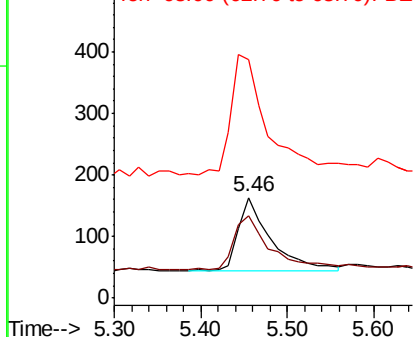
#4

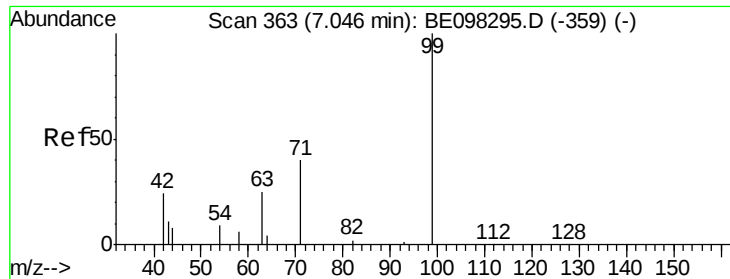
2-Fluorophenol
Concen: 0.413 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098553.D
Acq: 21 Dec 2018 15:16

Tgt Ion:112 Resp: 308
Ion Ratio Lower Upper
112 100
64 89.6 59.8 89.8
63 201.0 133.7 200.5#



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: 0.313 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098553.D

Acq: 21 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

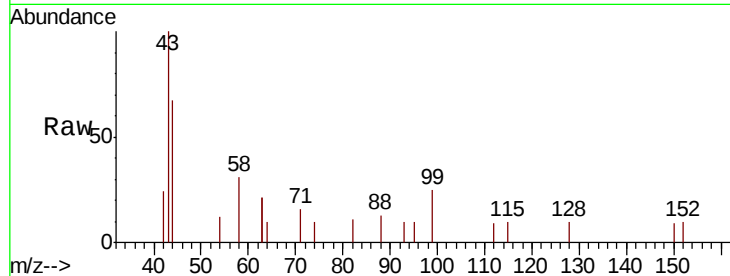
Tot Ion: 99 Resp: 331

Ion Ratio Lower Upper

99 100

42 18.4 26.3 39.5#

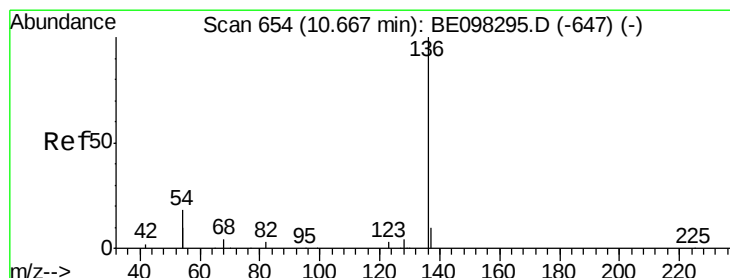
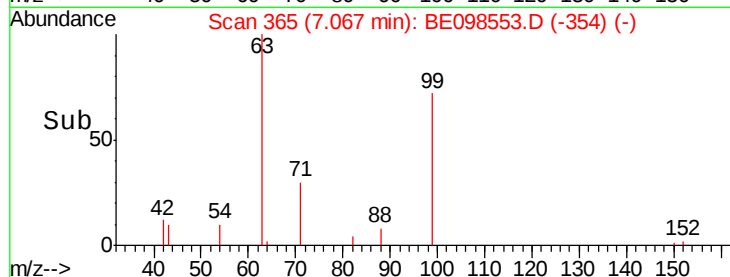
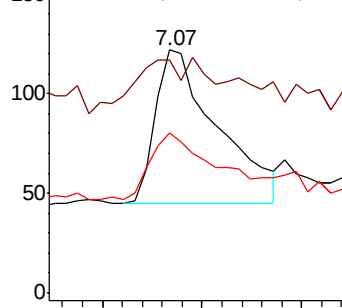
71 45.9 33.6 50.4



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: BE098553.D

Acq: 21 Dec 2018 15:16

Tgt Ion:136 Resp: 1356

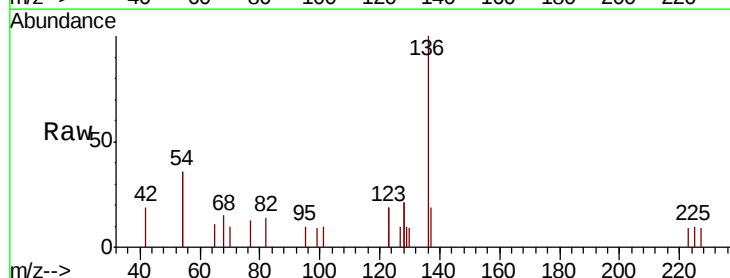
Ion Ratio Lower Upper

136 100

137 19.0 9.2 13.8#

54 73.0 28.4 42.6#

68 15.0 5.4 8.0#

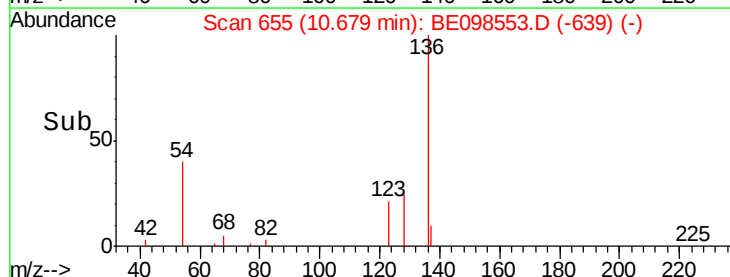
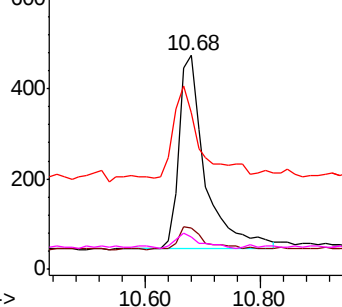


Abundance Ion 136.00 (135.70 to 136.70): E

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

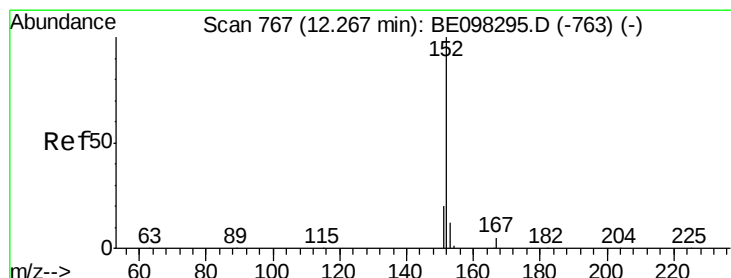
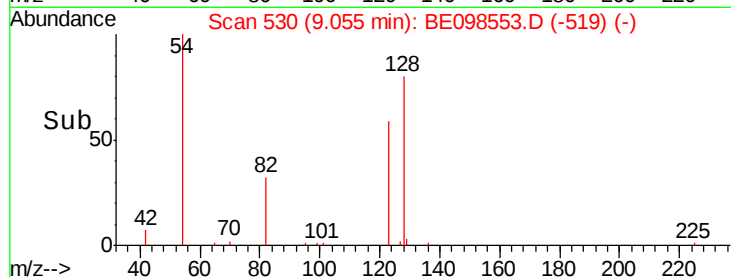
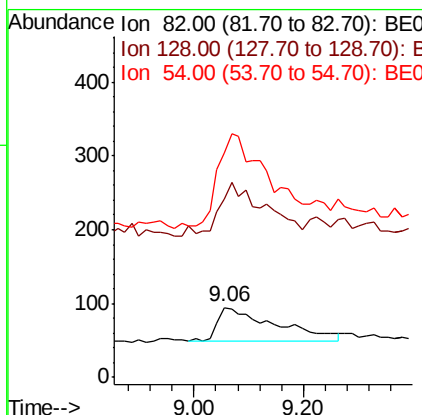
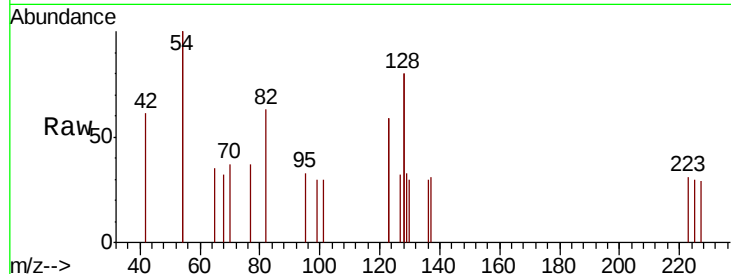




#8
 Nitrobenzene-d5
 Concen: 0.272 ng
 RT: 9.06 min Scan# 530
 Delta R.T. 0.04 min
 Lab File: BE098553.D
 Acq: 21 Dec 2018 15:16

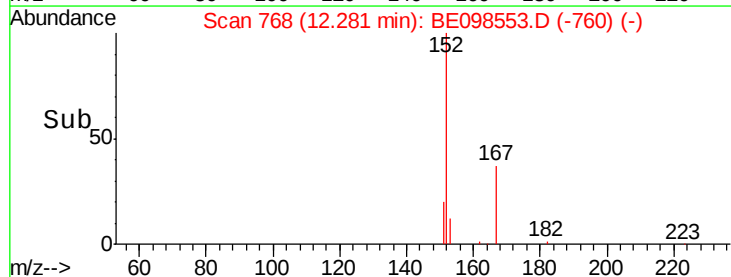
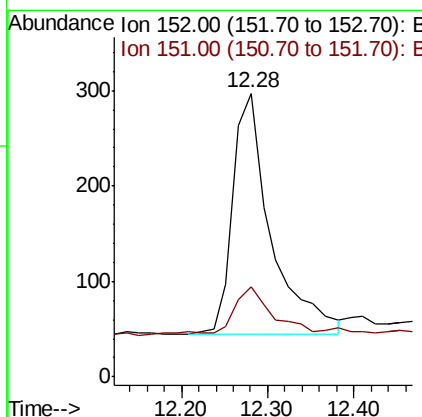
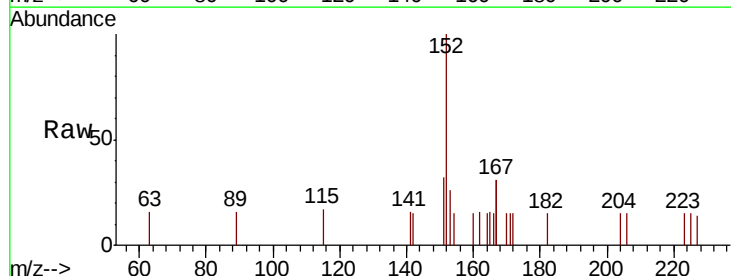
Instrument :
 BNA_E
 ClientSampleId :

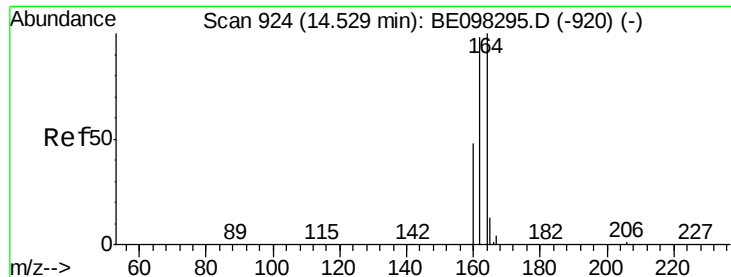
Tot Ion	Ratio	Lower	Upper
82	100		
128	254.7	102.4	153.6
54	320.0	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.349 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098553.D
 Acq: 21 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.2	24.4

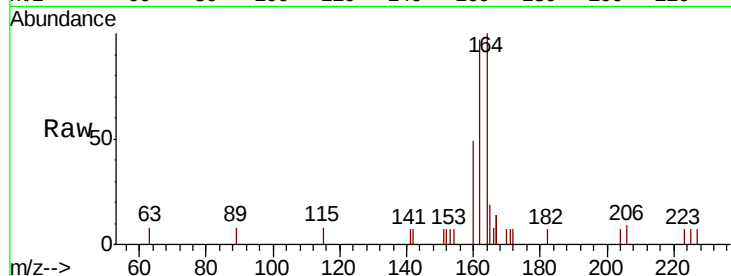




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098553.D
Acq: 21 Dec 2018 15:16

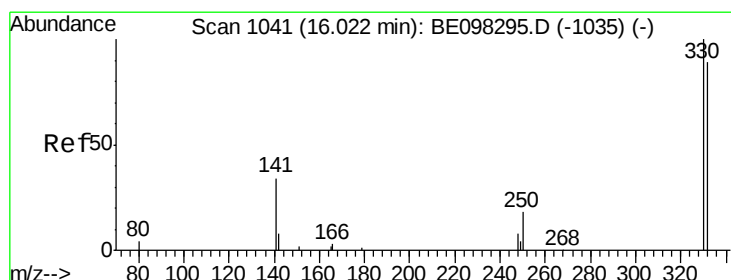
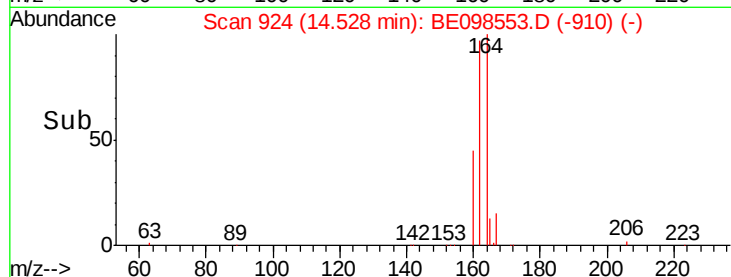
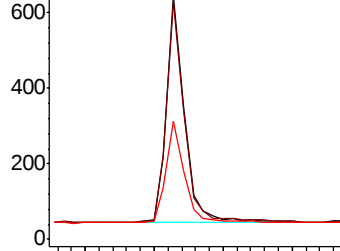
Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1081
Ion Ratio Lower Upper
164 100
162 97.2 77.6 116.4
160 48.7 36.0 54.0



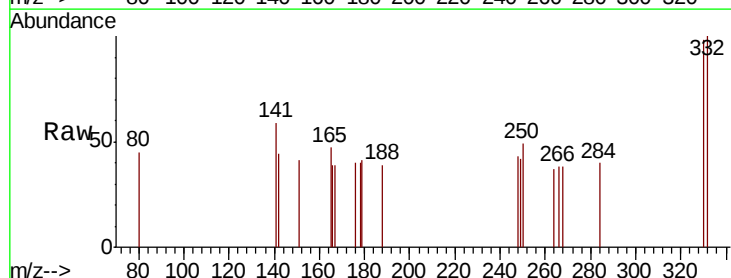
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

14.53



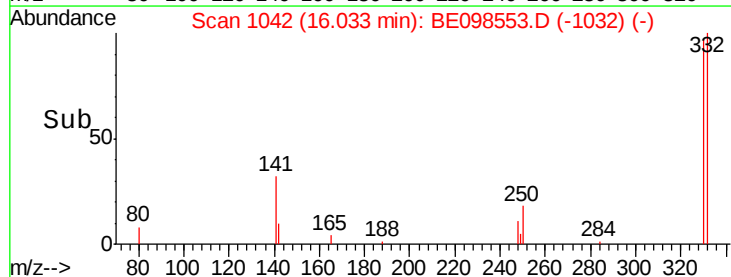
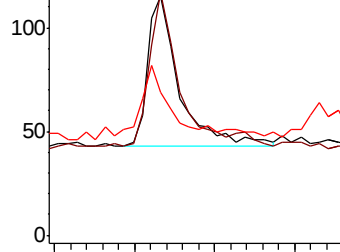
#14
2,4,6-Tribromophenol
Concen: 0.496 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098553.D
Acq: 21 Dec 2018 15:16

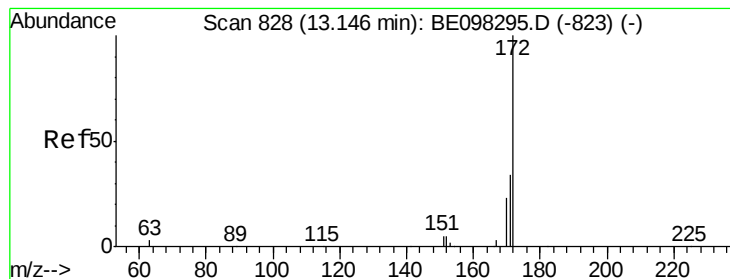
Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 92.9 76.2 114.4
141 57.9 39.0 58.4



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

16.03

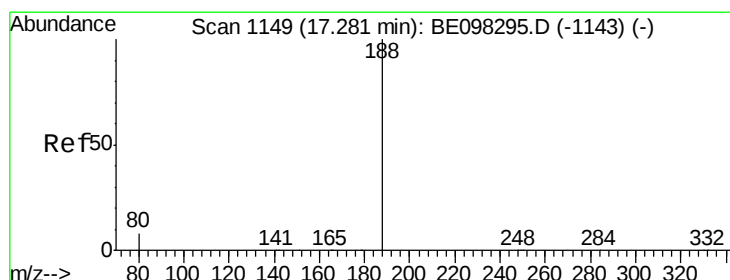
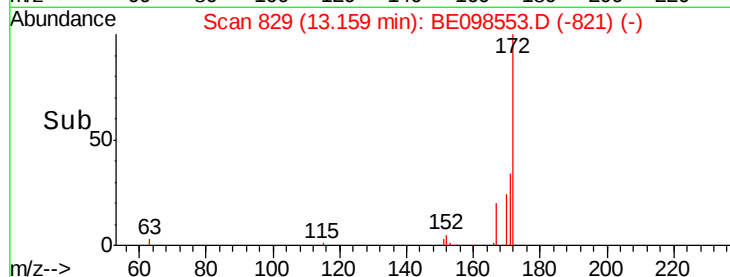
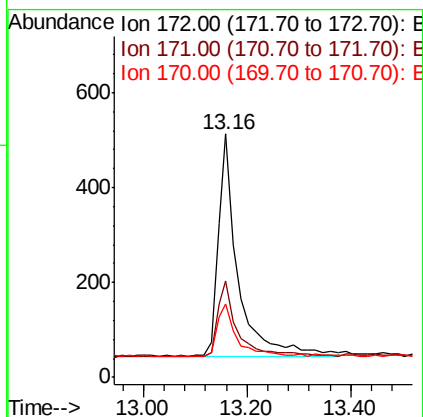
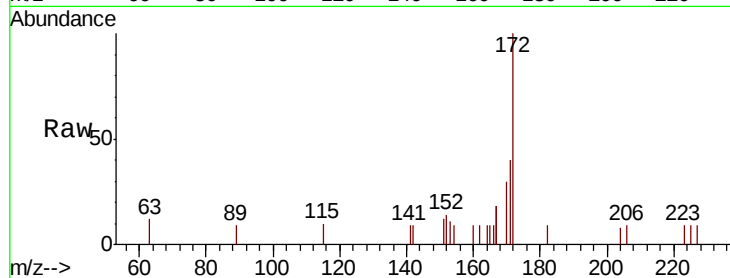




#15
2-Fluorobiphenyl
Concen: 0.277 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098553.D
Acq: 21 Dec 2018 15:16

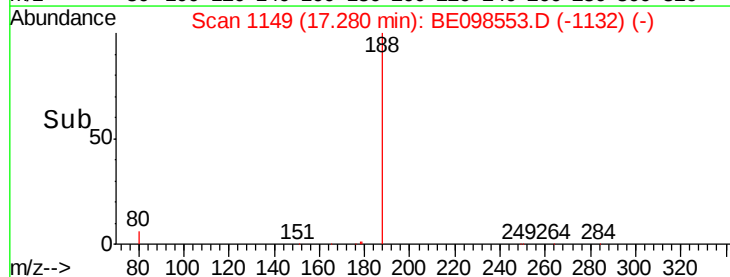
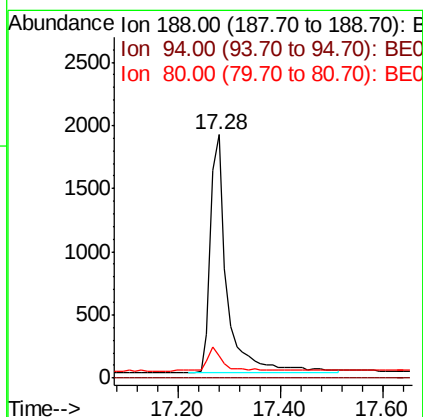
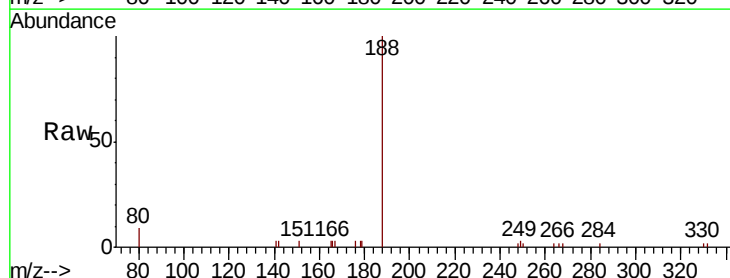
Instrument :
BNA_E
ClientSampleId :

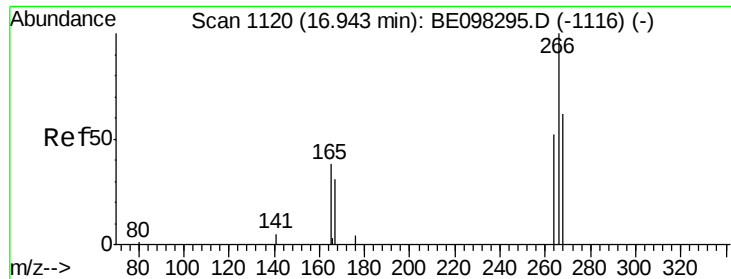
Tot Ion:172 Resp: 1264
Ion Ratio Lower Upper
172 100
171 39.8 27.5 41.3
170 30.4 19.6 29.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098553.D
Acq: 21 Dec 2018 15:16

Tgt Ion:188 Resp: 4218
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.2 10.8

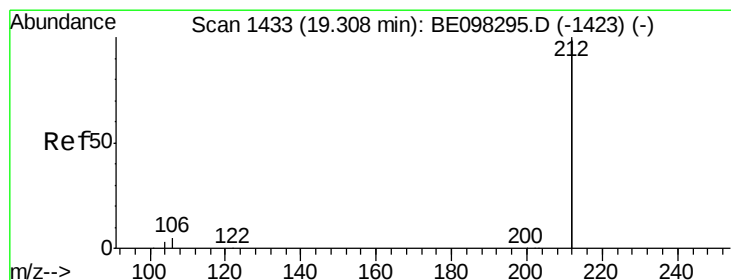
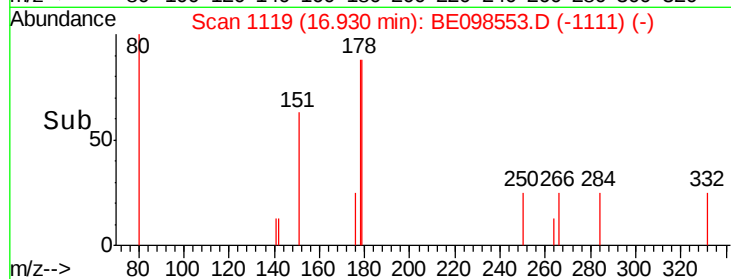
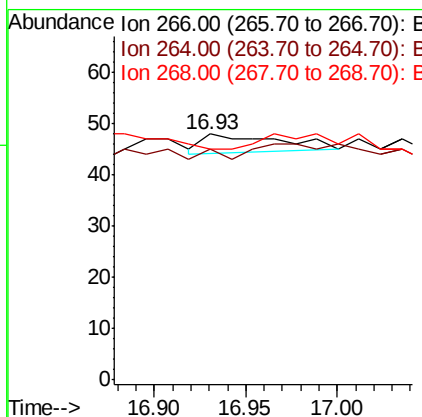
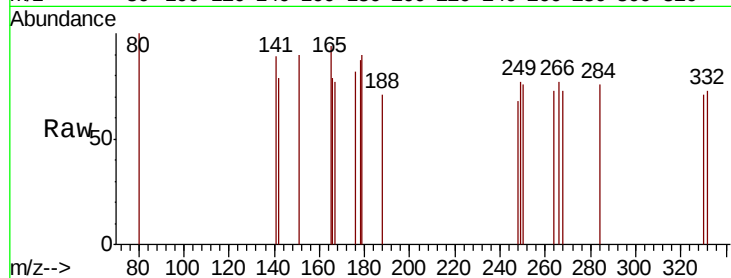




#22
 Pentachlorophenol
 Concen: 0.046 ng
 RT: 16.93 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE098553.D
 Acq: 21 Dec 2018 15:16

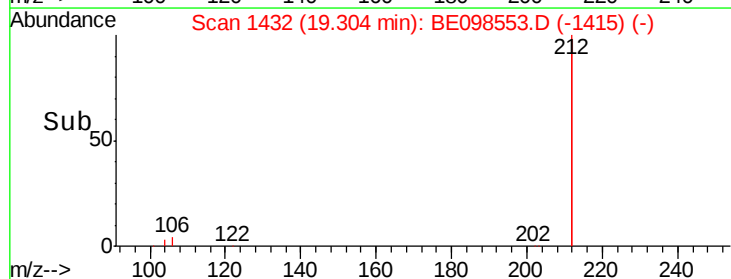
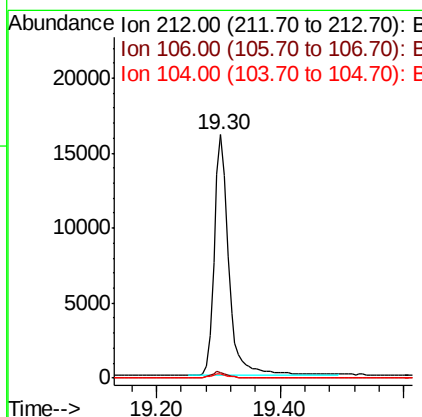
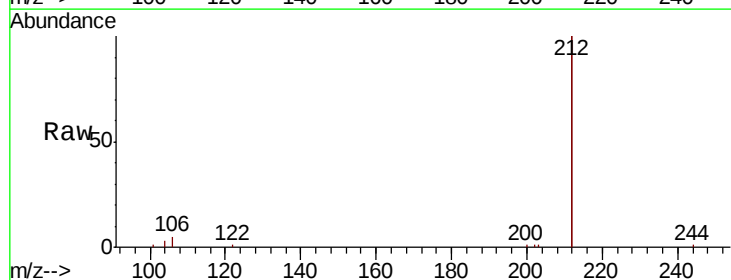
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 BNA_E
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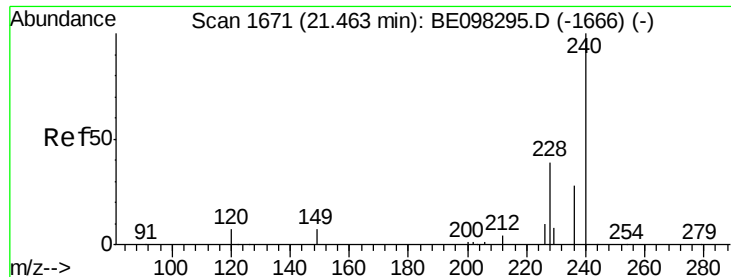
Tot Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 93.8 59.0 88.4#
 268 93.8 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.483 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098553.D
 Acq: 21 Dec 2018 15:16

Tgt Ion:212 Resp: 26143
 Ion Ratio Lower Upper
 212 100
 106 2.2 2.2 3.2
 104 1.3 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098553.D

Acq: 21 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

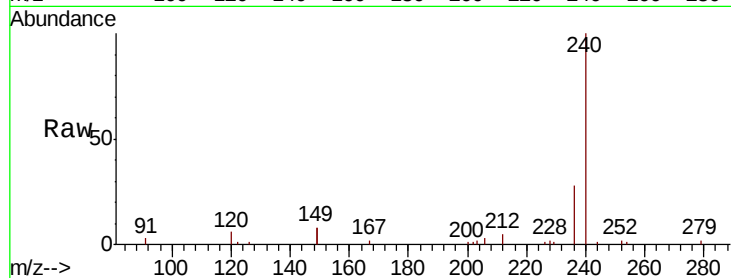
Tot Ion:240 Resp: 7919

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

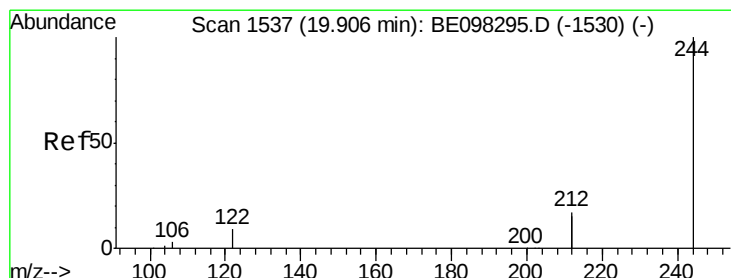
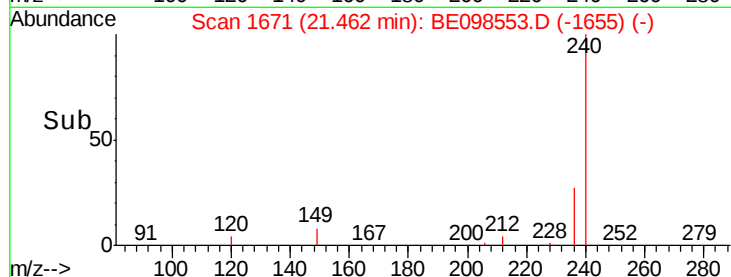
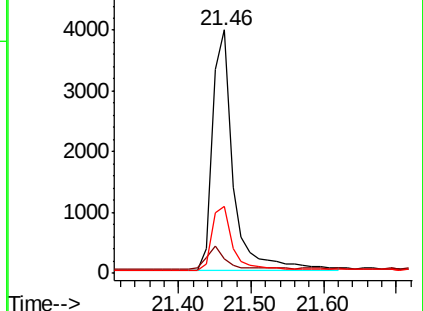
236 27.7 22.7 34.1



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: 0.303 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098553.D

Acq: 21 Dec 2018 15:16

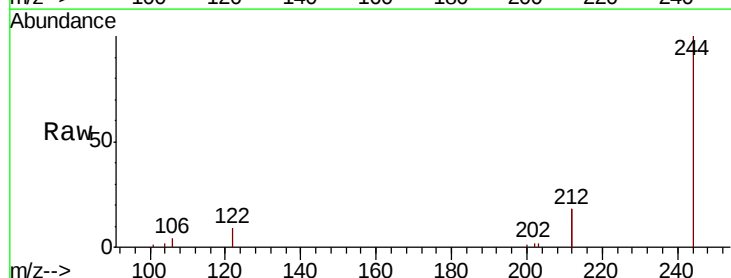
Tgt Ion:244 Resp: 5838

Ion Ratio Lower Upper

244 100

212 35.5 27.4 41.0

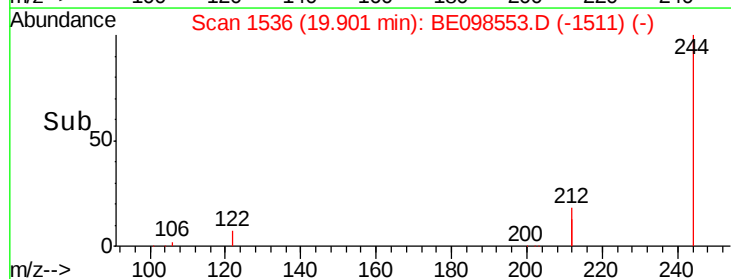
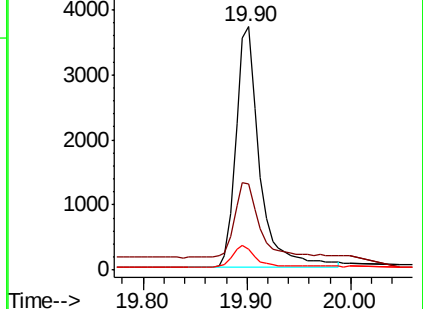
122 8.6 8.3 12.5

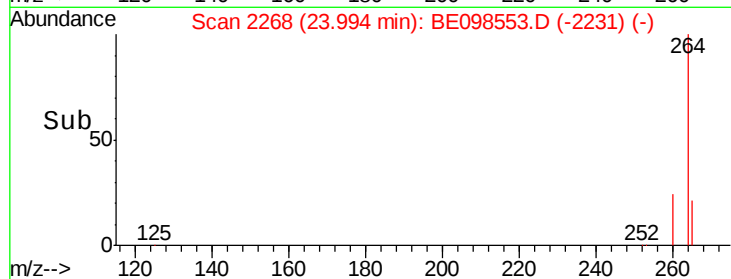
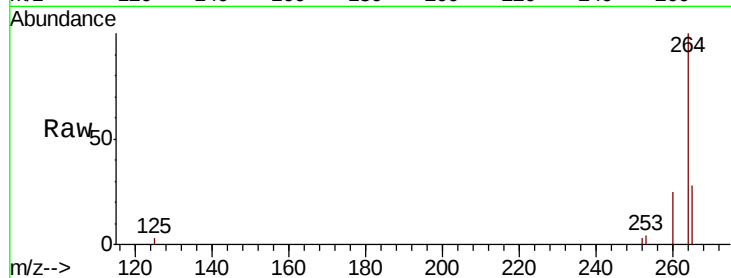
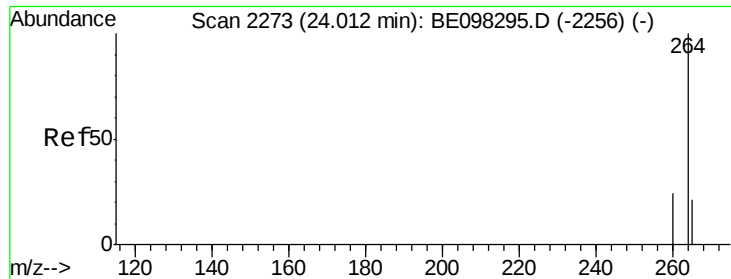


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098553.D

Acq: 21 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7031

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

265 27.7 25.2 37.8

