

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098610.D
 Acq On : 2 Jan 2019 16:27
 Operator : SJ/JU
 Sample : J6591-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 02 17:35:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 02 10:30:27 2019
 Response via : Initial Calibration

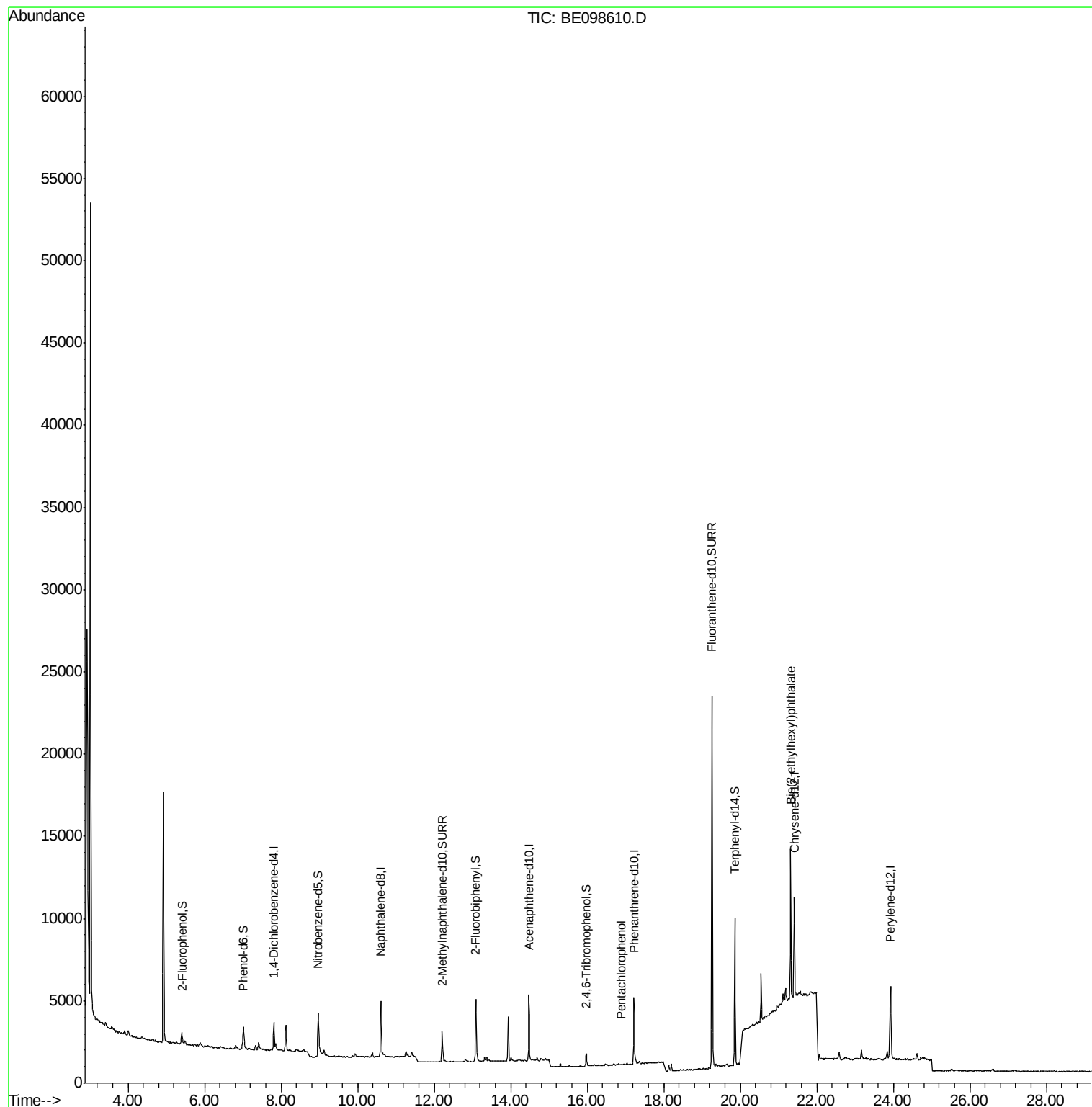
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	892	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3980	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2636	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6080	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6891	0.40	ng	0.01
34) Perylene-d12	23.92	264	6692	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	446	0.21	ng	0.02
5) Phenol-d6	7.00	99	397	0.13	ng	0.01
8) Nitrobenzene-d5	8.97	82	1412	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2657	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	508	0.52	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	4136	0.37	ng	0.00
25) Fluoranthene-d10	19.26	212	31239	0.40	ng	0.00
29) Terphenyl-d14	19.85	244	7850	0.47	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	36	0.083	ng	Qvalue # 80
32) Bis(2-ethylhexyl)phthalate	21.32	149	9926	0.249	ng	99

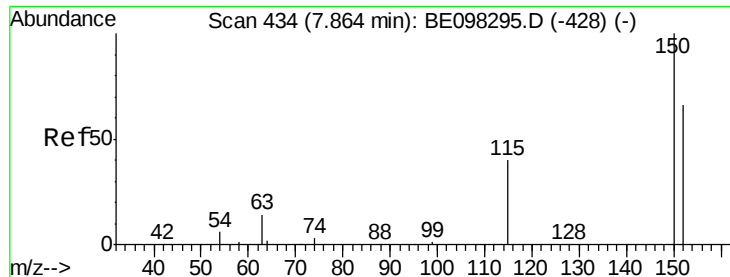
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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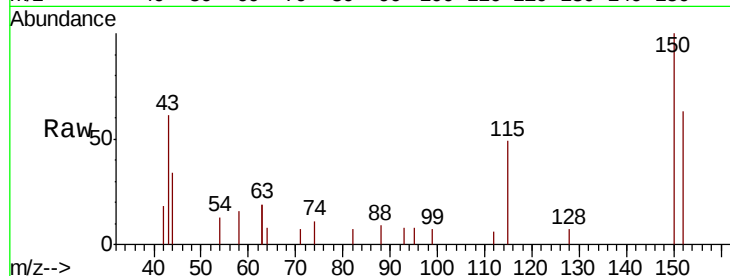


#1

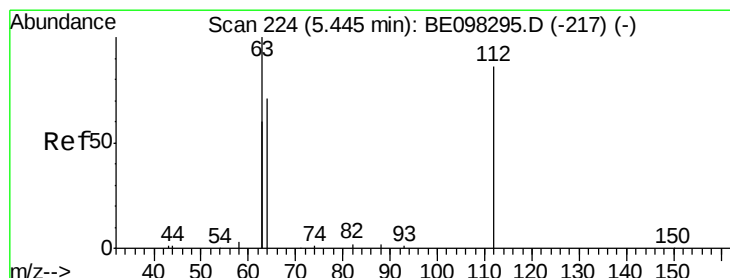
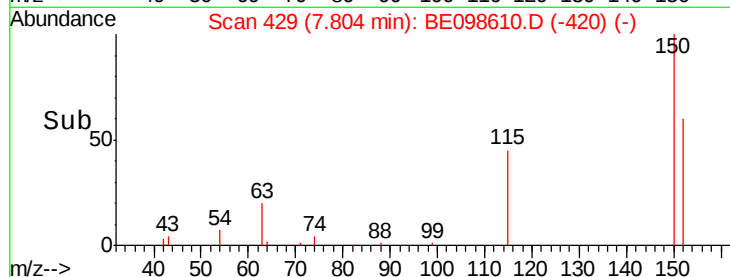
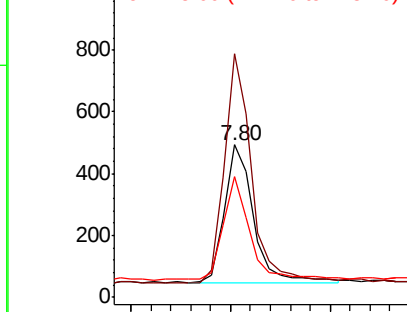
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098610.D
Acq: 2 Jan 2019 16:27

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 892
Ion Ratio Lower Upper
152 100
150 159.8 124.2 186.4
115 78.9 53.9 80.9



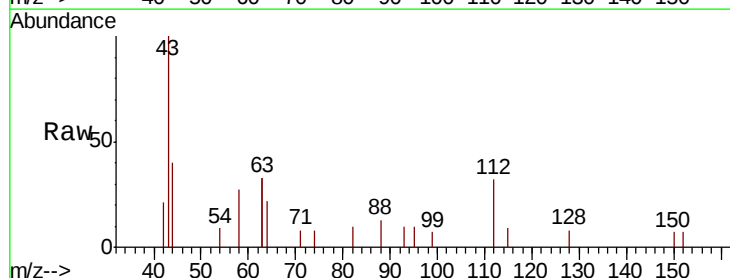
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



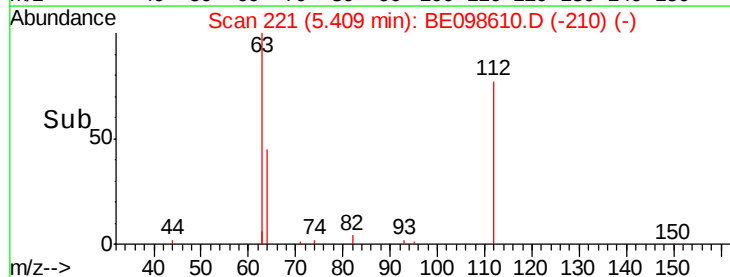
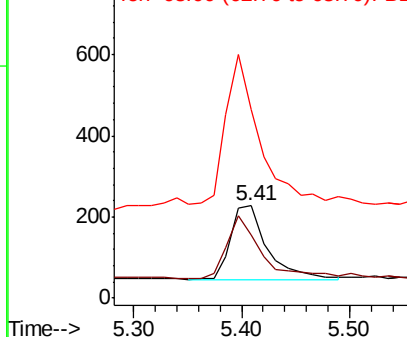
#4

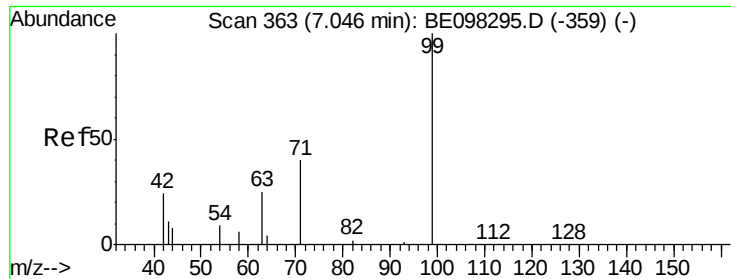
2-Fluorophenol
Concen: 0.214 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098610.D
Acq: 2 Jan 2019 16:27

Tgt Ion:112 Resp: 446
Ion Ratio Lower Upper
112 100
64 80.0 59.8 89.8
63 190.8 133.7 200.5



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: 0.134 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098610.D

Acq: 2 Jan 2019 16:27

Instrument :

BNA_E

ClientSampleId :

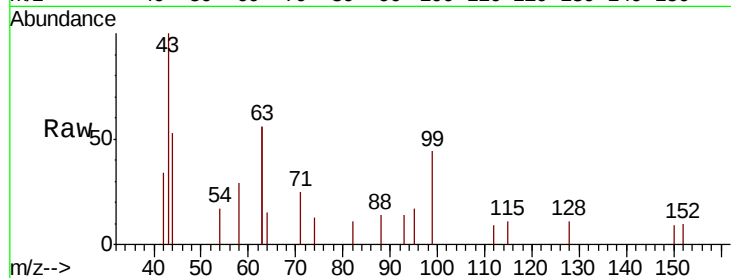
Tot Ion: 99 Resp: 397

Ion Ratio Lower Upper

99 100

42 65.0 26.3 39.5#

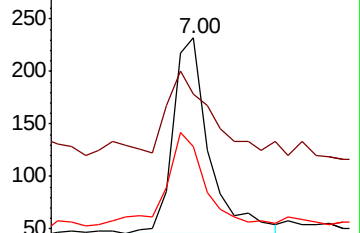
71 53.1 33.6 50.4#



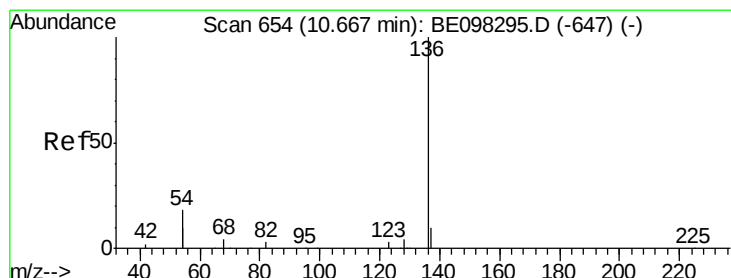
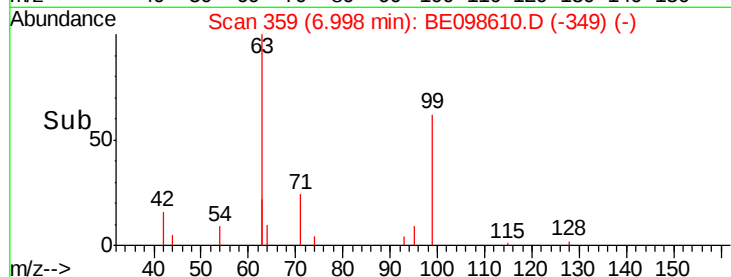
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 6.95 7.00 7.05 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098610.D

Acq: 2 Jan 2019 16:27

Tgt Ion: 136 Resp: 3980

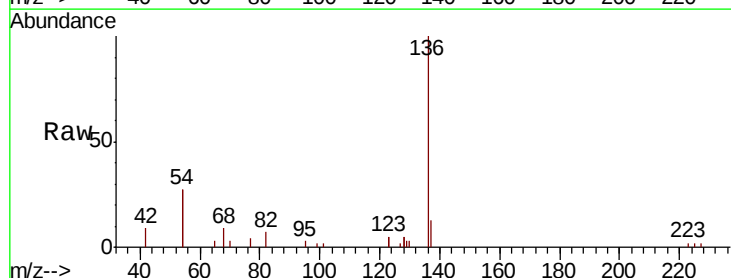
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 55.0 28.4 42.6#

68 8.6 5.4 8.0#

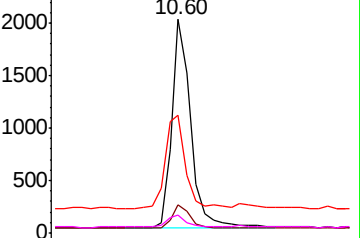


Abundance Ion 136.00 (135.70 to 136.70): E

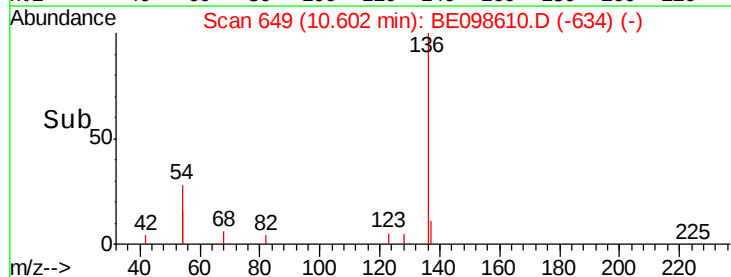
Ion 137.00 (136.70 to 137.70): E

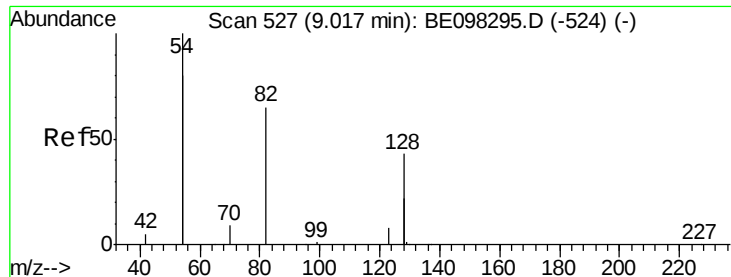
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.60 10.80

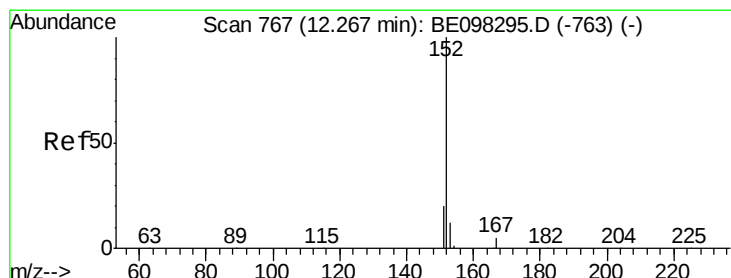
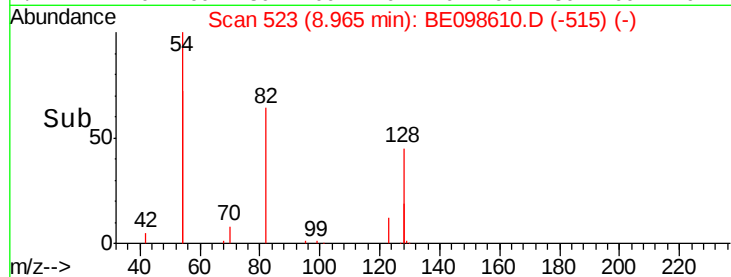
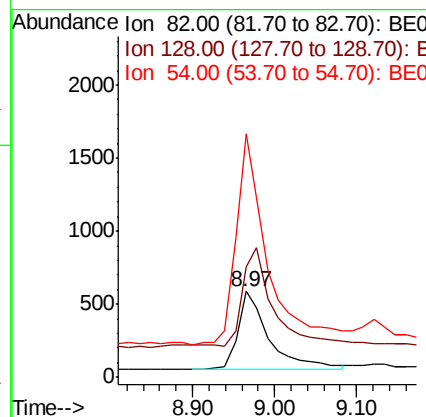
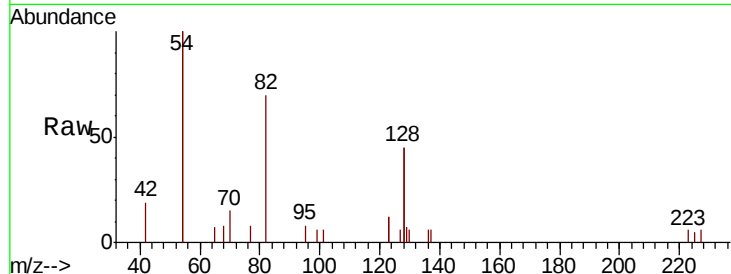




#8
 Nitrobenzene-d5
 Concen: 0.390 ng
 RT: 8.97 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BE098610.D
 Acq: 2 Jan 2019 16:27

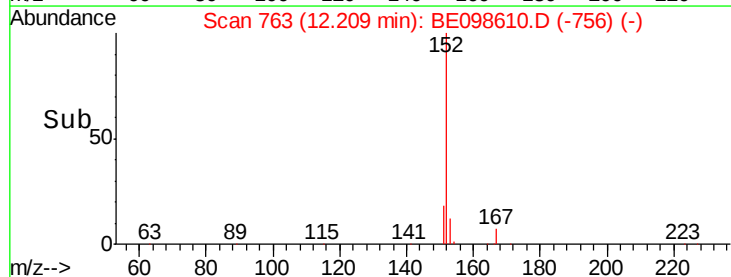
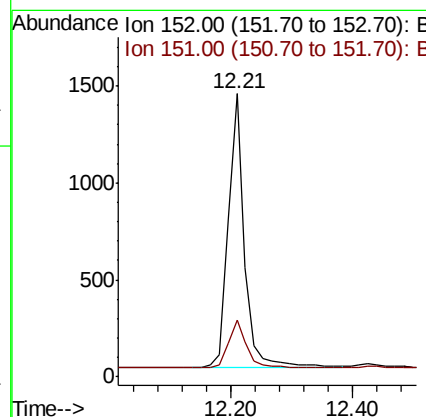
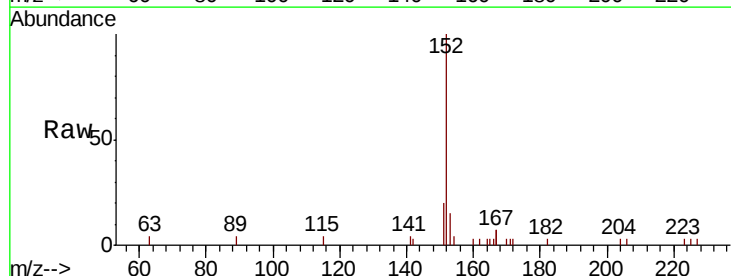
Instrument :
 BNA_E
 ClientSampleId :

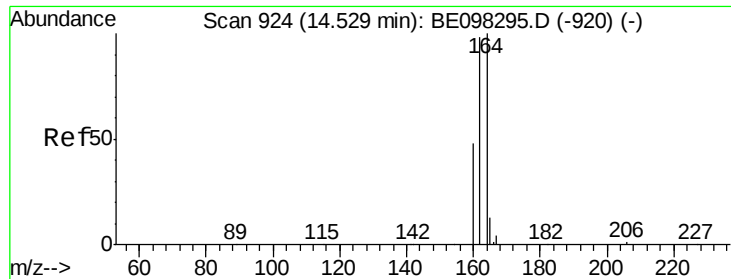
Tot Ion	82	Resp	1412
Ion Ratio	Lower	Upper	
82	100		
128	128.4	102.4	153.6
54	283.8	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.411 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE098610.D
 Acq: 2 Jan 2019 16:27

Tgt Ion	152	Resp	2657
Ion Ratio	Lower	Upper	
152	100		
151	19.0	16.2	24.4

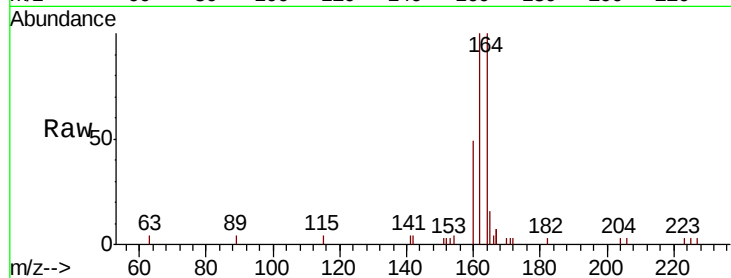




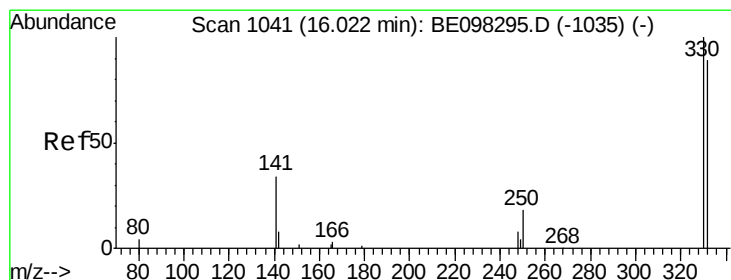
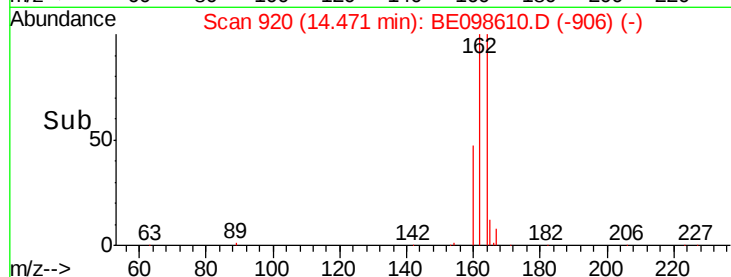
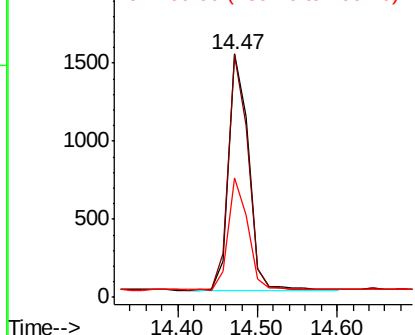
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE098610.D
 Acq: 2 Jan 2019 16:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2636
 Ion Ratio Lower Upper
 164 100
 162 99.7 77.6 116.4
 160 48.8 36.0 54.0

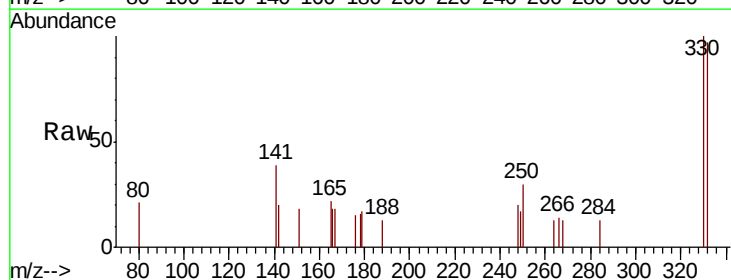


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

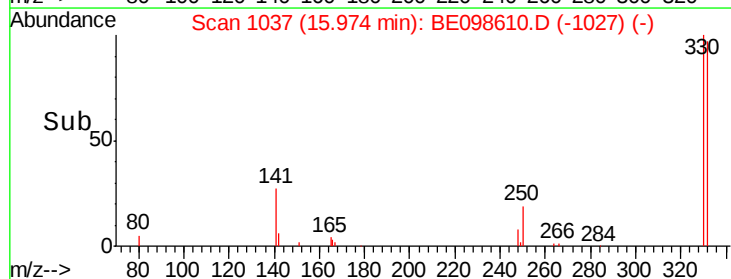
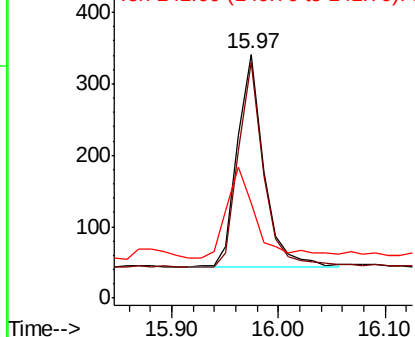


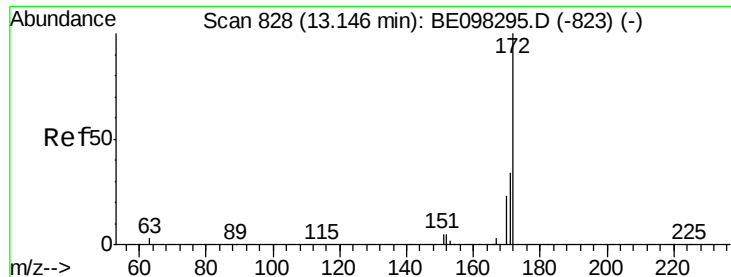
#14
 2,4,6-Tribromophenol
 Concen: 0.525 ng
 RT: 15.97 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BE098610.D
 Acq: 2 Jan 2019 16:27

Tgt Ion:330 Resp: 508
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 48.8 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

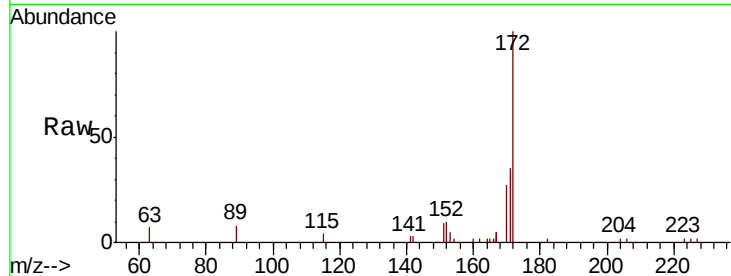




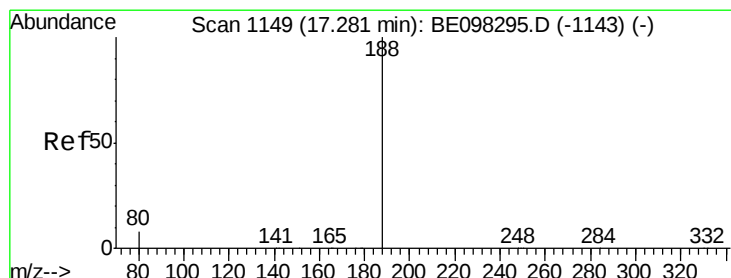
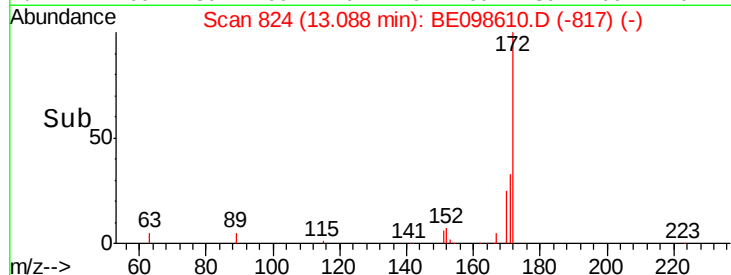
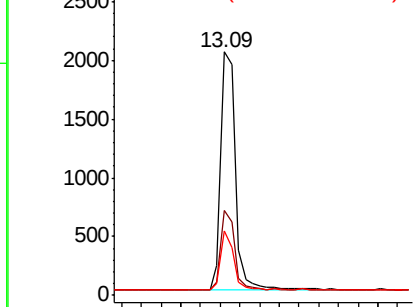
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098610.D
Acq: 2 Jan 2019 16:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 4136
Ion Ratio Lower Upper
172 100
171 34.8 27.5 41.3
170 26.7 19.6 29.4

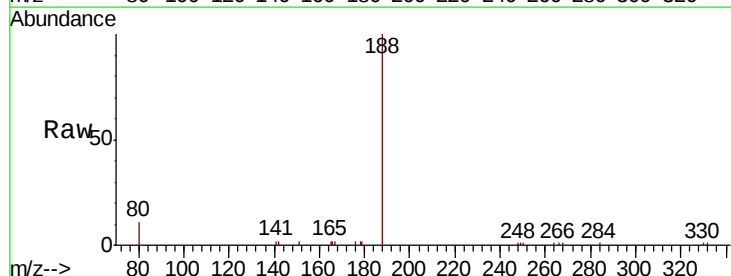


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

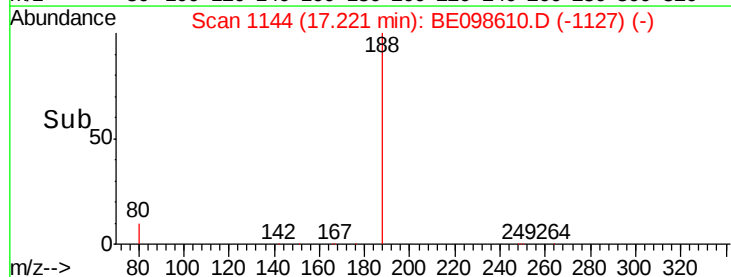
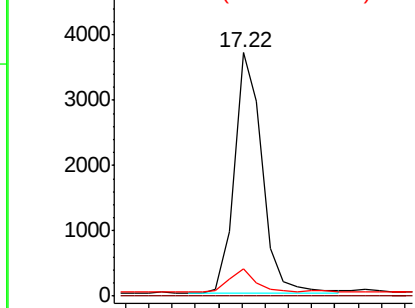


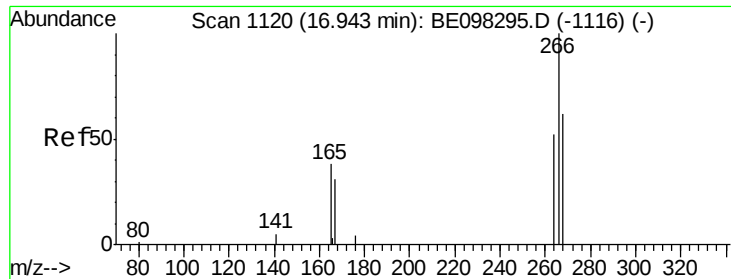
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BE098610.D
Acq: 2 Jan 2019 16:27

Tgt Ion:188 Resp: 6080
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 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

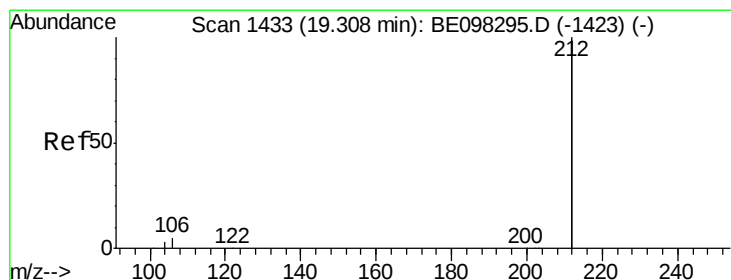
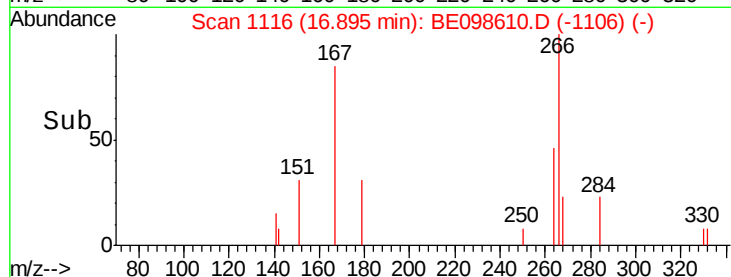
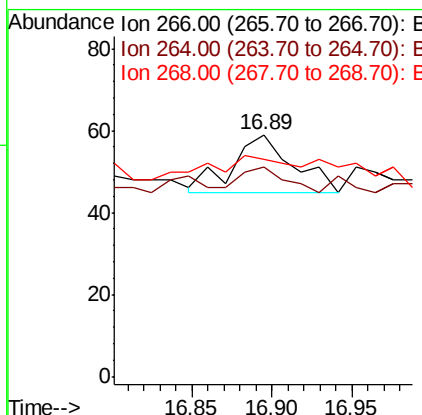
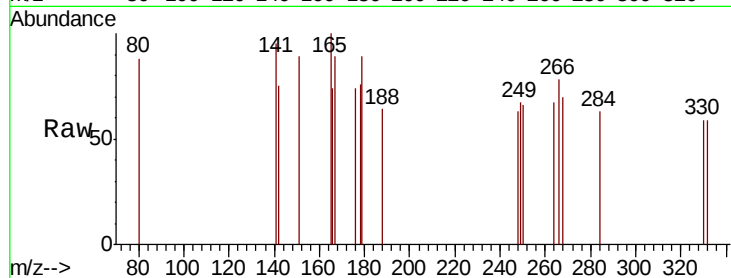




#22
 Pentachlorophenol
 Concen: 0.083 ng
 RT: 16.89 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BE098610.D
 Acq: 2 Jan 2019 16:27

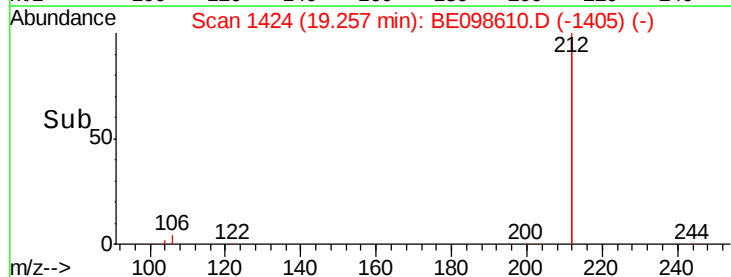
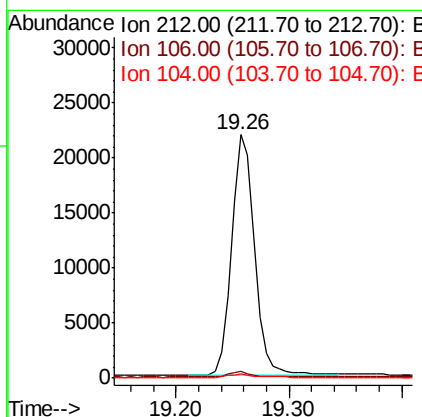
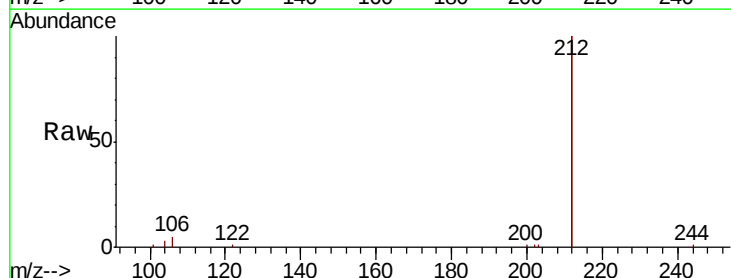
Instrument :
 BNA_E
 ClientSampleId :

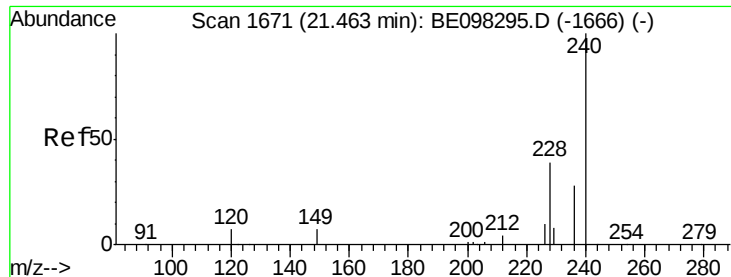
Tot Ion:266 Resp: 36
 Ion Ratio Lower Upper
 266 100
 264 86.4 59.0 88.4
 268 89.8 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.401 ng
 RT: 19.26 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BE098610.D
 Acq: 2 Jan 2019 16:27

Tgt Ion:212 Resp: 31239
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.6 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098610.D

Acq: 2 Jan 2019 16:27

Instrument :

BNA_E

ClientSampleId :

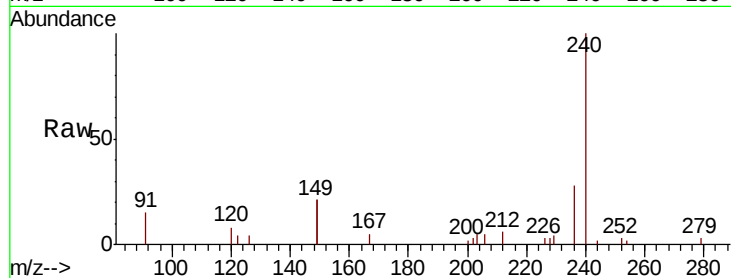
Tot Ion:240 Resp: 6891

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

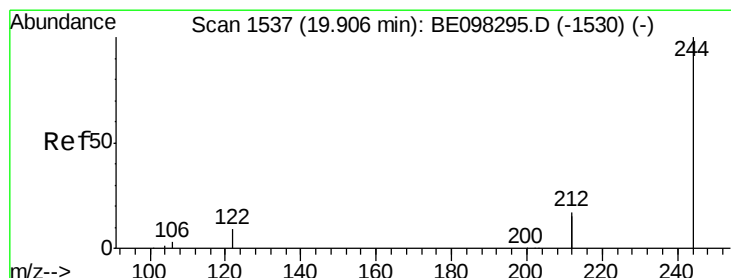
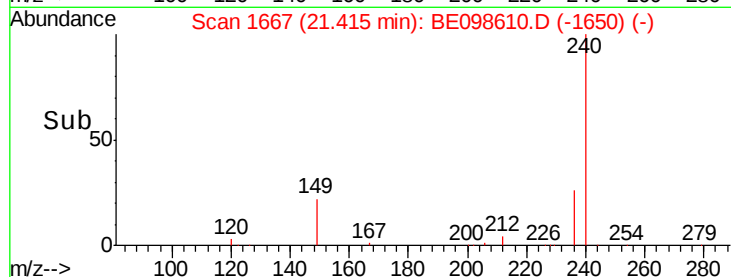
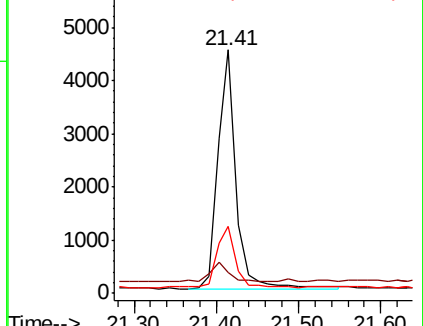
236 27.6 22.7 34.1



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: 0.469 ng

RT: 19.85 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BE098610.D

Acq: 2 Jan 2019 16:27

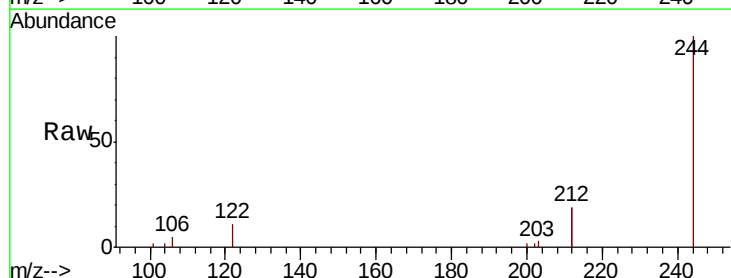
Tgt Ion:244 Resp: 7850

Ion Ratio Lower Upper

244 100

212 38.3 27.4 41.0

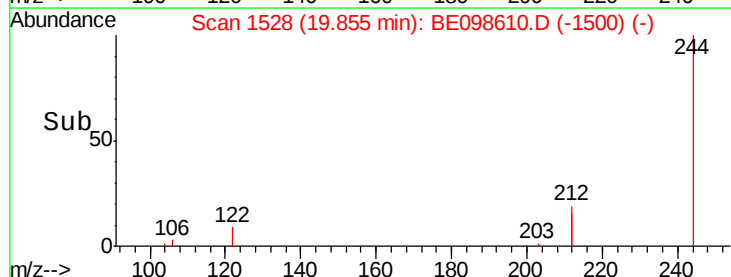
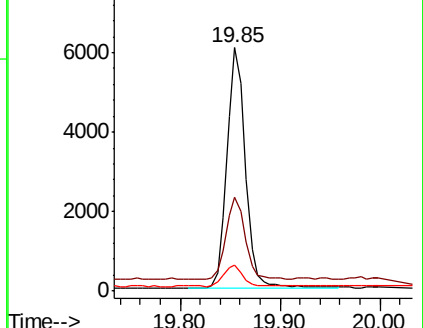
122 10.7 8.3 12.5

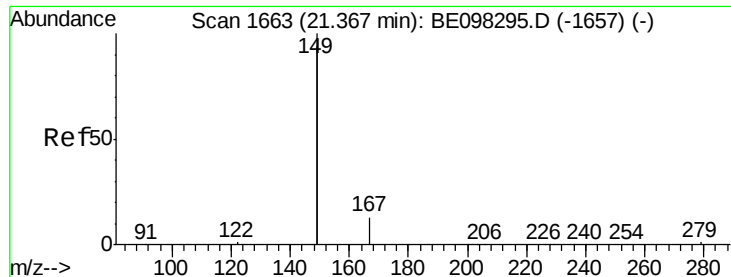


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.249 ng

RT: 21.32 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE098610.D

Acq: 2 Jan 2019 16:27

Instrument :

BNA_E

ClientSampled :

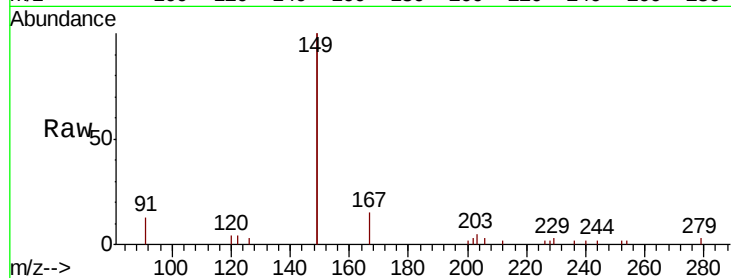
Tot Ion:149 Resp: 9926

Ion Ratio Lower Upper

149 100

167 6.7 5.7 8.5

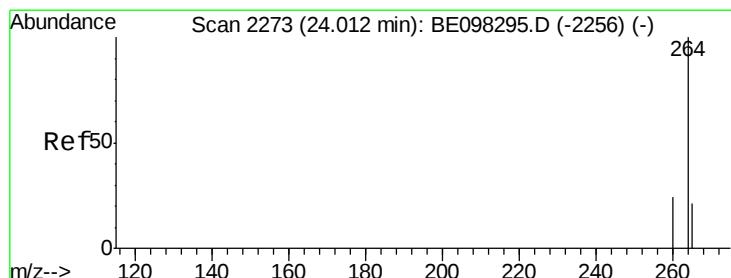
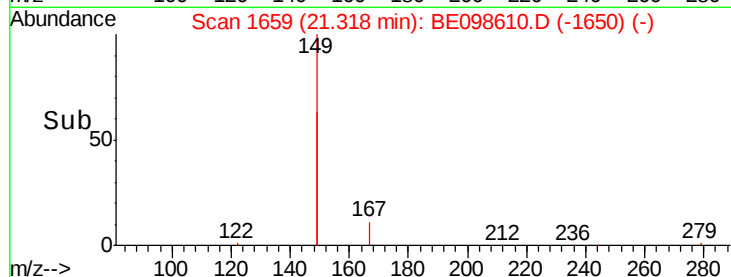
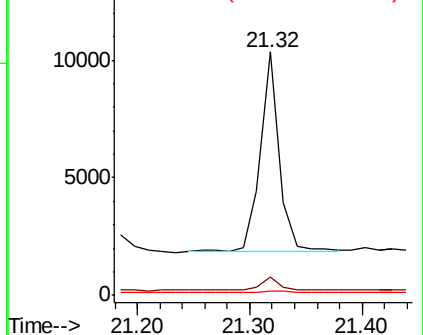
279 1.4 1.0 1.4



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: 23.92 min Scan# 2248

Delta R.T. -0.03 min

Lab File: BE098610.D

Acq: 2 Jan 2019 16:27

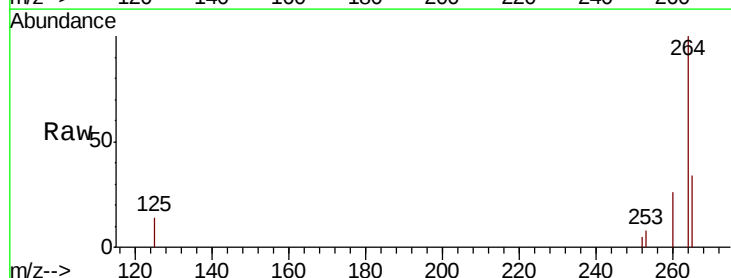
Tgt Ion:264 Resp: 6692

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 33.8 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

