

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010219\
 Data File : BE098609.D
 Acq On : 2 Jan 2019 15:52
 Operator : SJ/JU
 Sample : PB116077BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 02 17:35:13 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

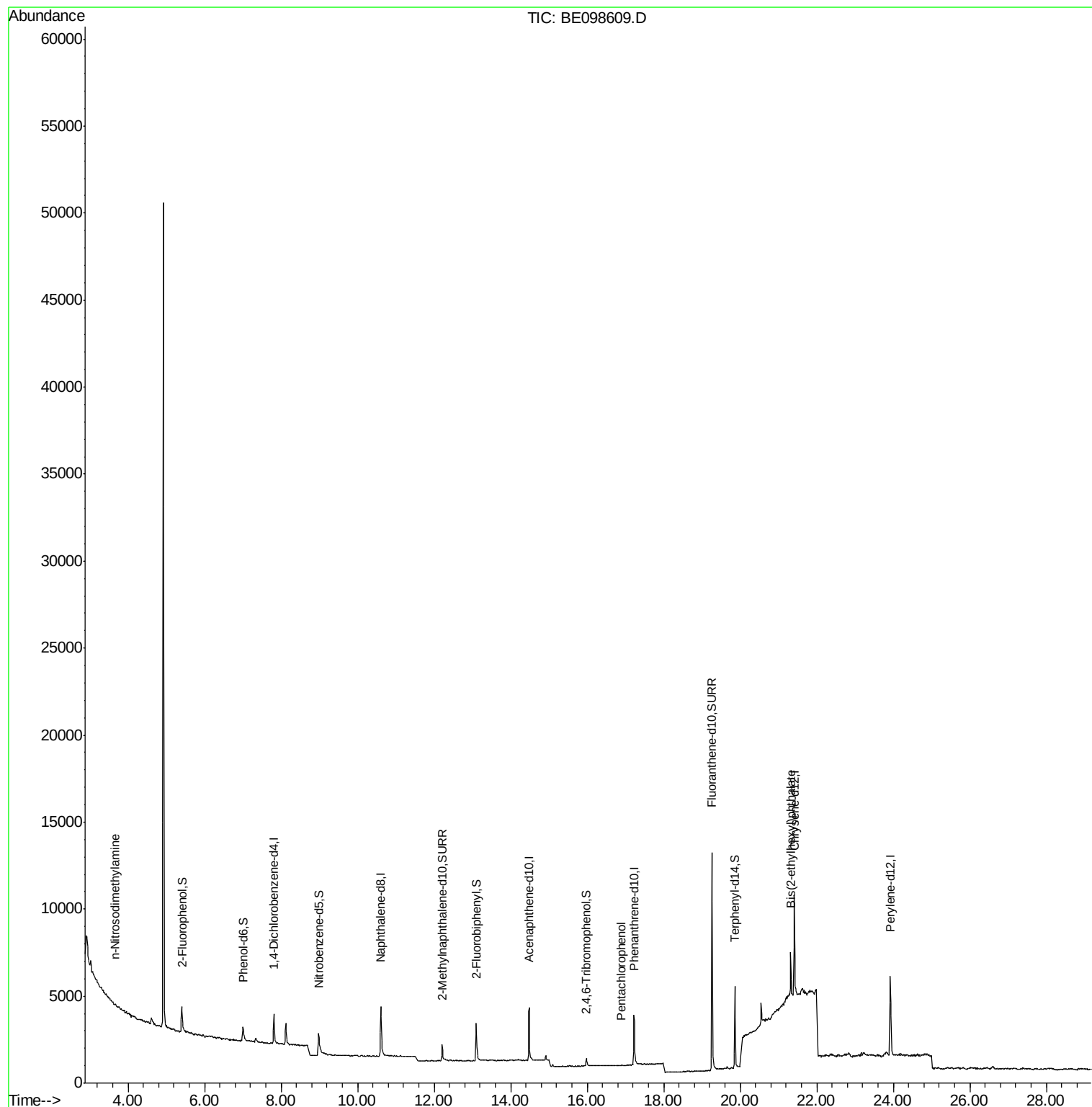
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	947	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3945	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	2367	0.40	ng	0.02
19) Phenanthrene-d10	17.22	188	5163	0.40	ng	0.00
27) Chrysene-d12	21.41	240	6403	0.40	ng	0.01
34) Perylene-d12	23.92	264	7016	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	890	0.40	ng	0.02
5) Phenol-d6	7.00	99	1232	0.39	ng	0.01
8) Nitrobenzene-d5	8.98	82	1003	0.28	ng	0.02
11) 2-Methylnaphthalene-d10	12.21	152	1601	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	303	0.35	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	2715	0.27	ng	0.02
25) Fluoranthene-d10	19.26	212	18832	0.28	ng	0.01
29) Terphenyl-d14	19.86	244	4604	0.30	ng	0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	46	0.031	ng	# 100
22) Pentachlorophenol	16.88	266	15	0.049	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.32	149	2989	0.081	ng	# 91

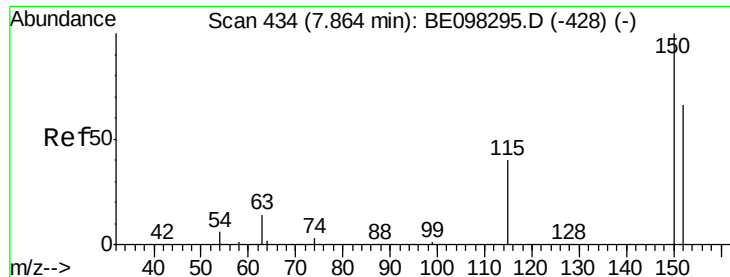
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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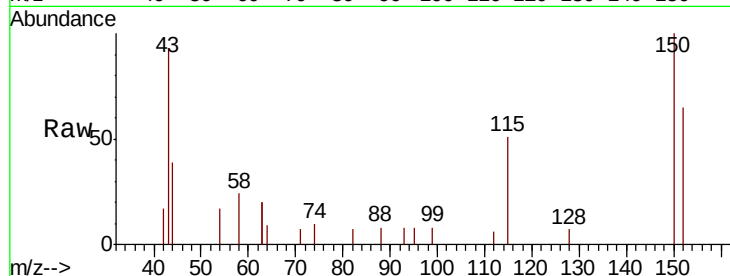


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098609.D
Acq: 2 Jan 2019 15:52

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.4
115	79.1	53.9	80.9

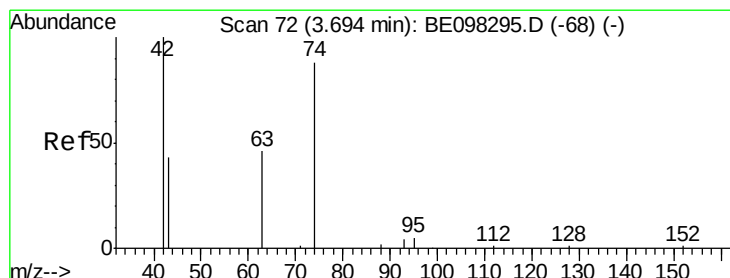
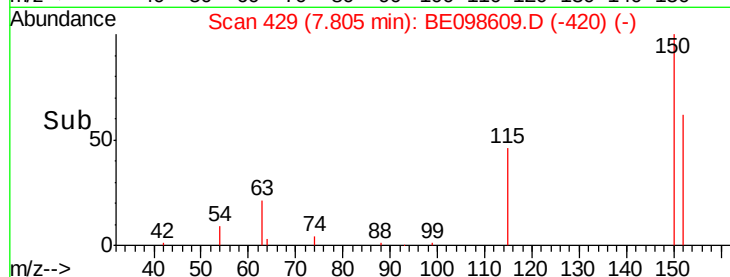
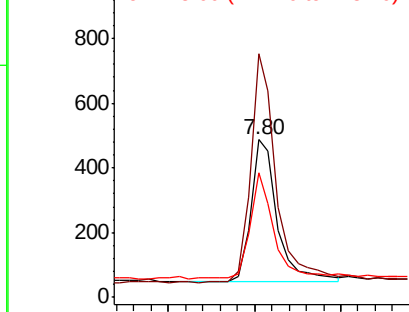


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

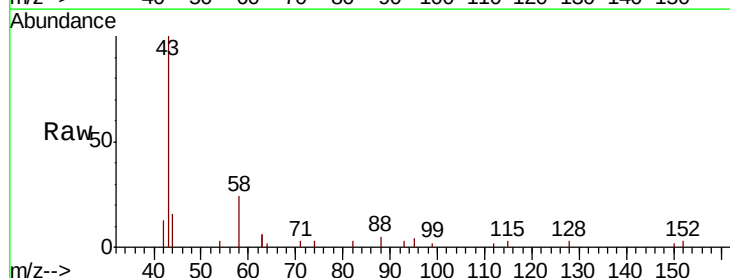
Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.01 min
Lab File: BE098609.D
Acq: 2 Jan 2019 15:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	106.5	0.0	0.0#

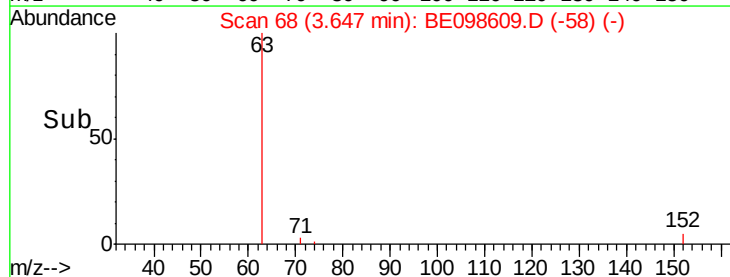
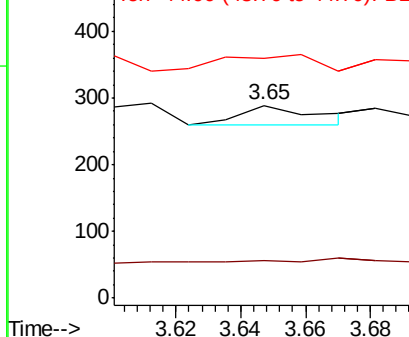


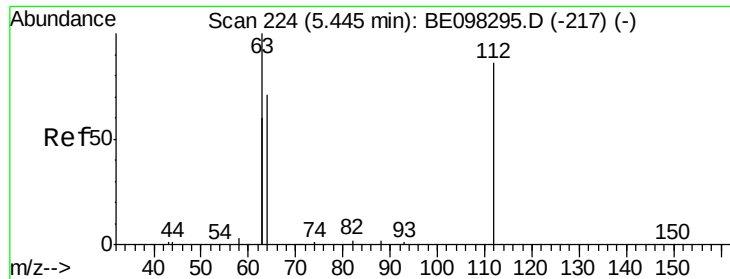
Abundance

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: 0.402 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

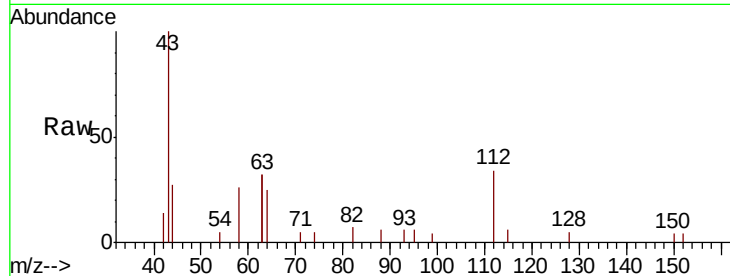
Tot Ion: 112 Resp: 890

Ion Ratio Lower Upper

112 100

64 81.5 59.8 89.8

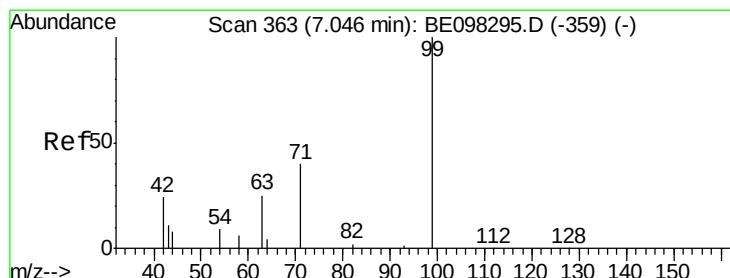
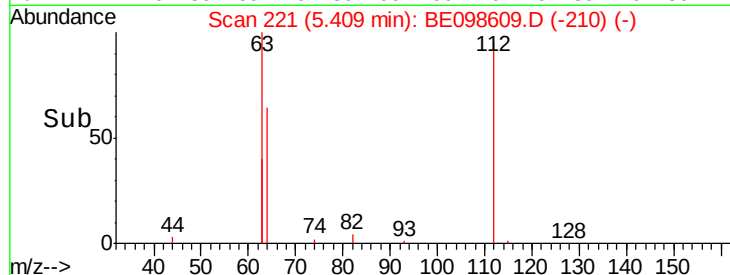
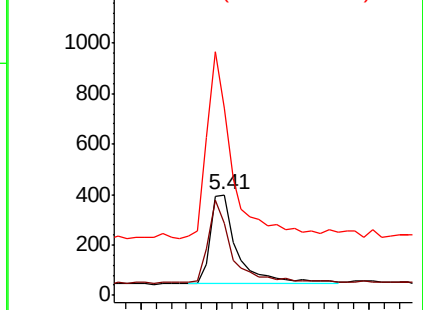
63 191.1 133.7 200.5



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: 0.392 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

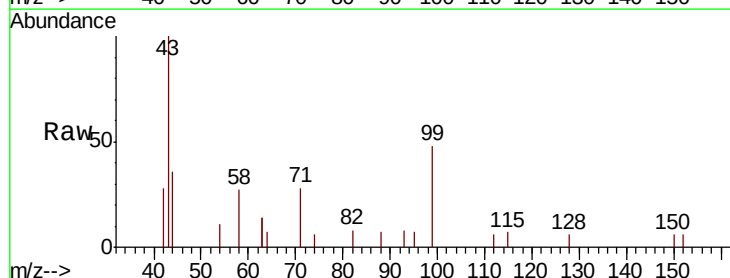
Tgt Ion: 99 Resp: 1232

Ion Ratio Lower Upper

99 100

42 27.8 26.3 39.5

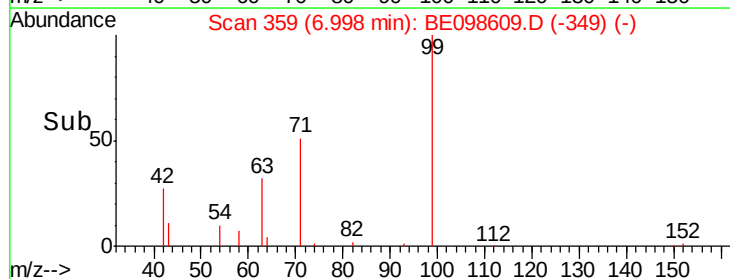
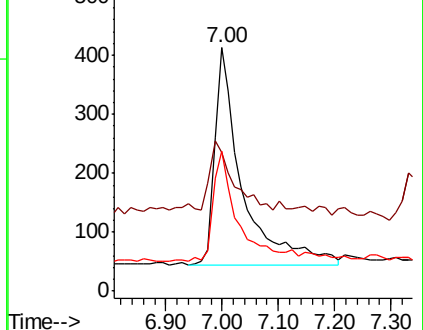
71 50.1 33.6 50.4

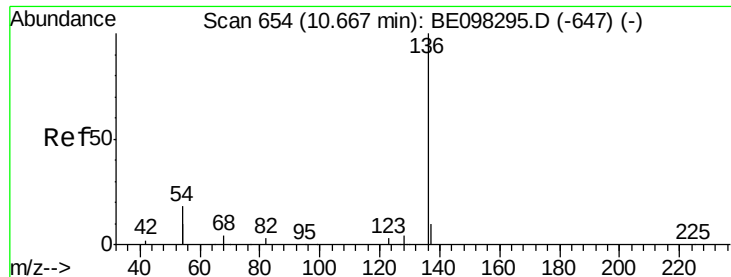


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE098609.D

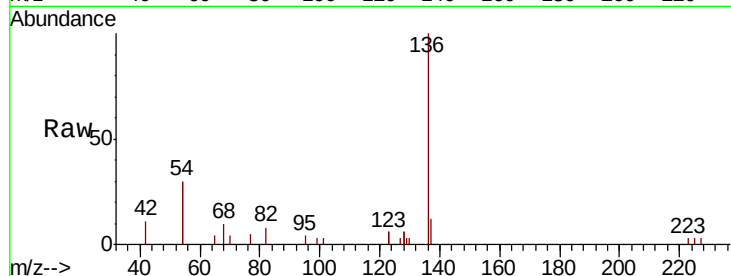
Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampled :

Tot Ion:136	Resp:	3945
Ion	Ratio	Lower Upper
136	100	
137	12.3	9.2 13.8
54	60.0	28.4 42.6#
68	9.8	5.4 8.0#

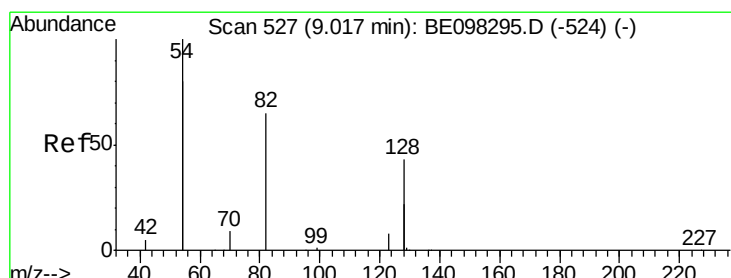
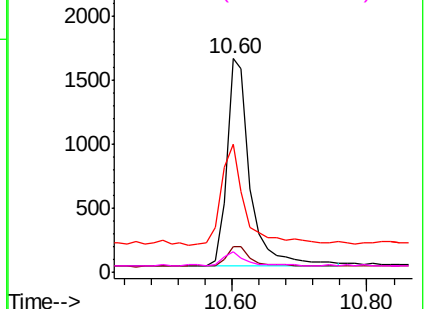
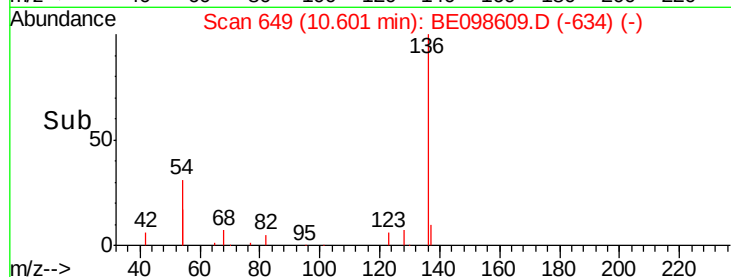


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.279 ng

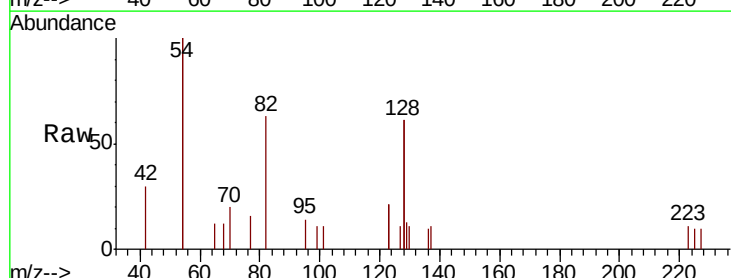
RT: 8.98 min Scan# 524

Delta R.T. 0.02 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

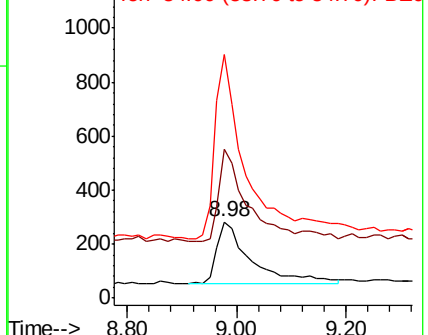
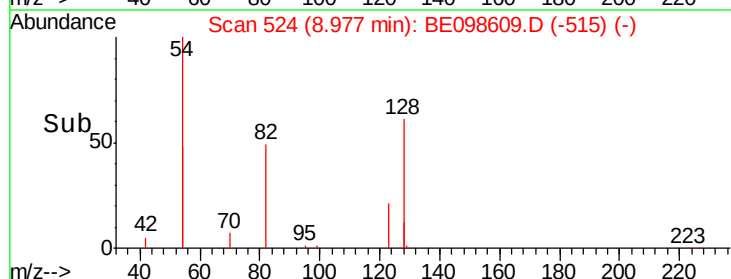
Tgt Ion: 82	Resp:	1003
Ion	Ratio	Lower Upper
82	100	
128	195.0	102.4 153.6#
54	319.9	221.8 332.8

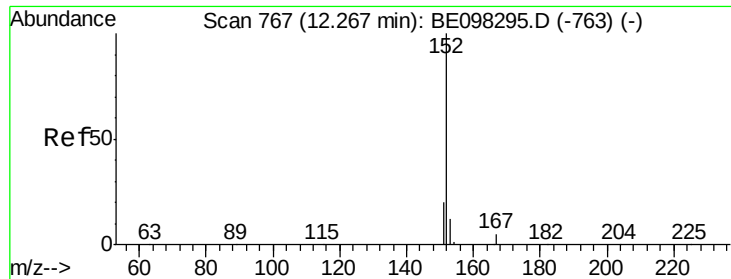


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

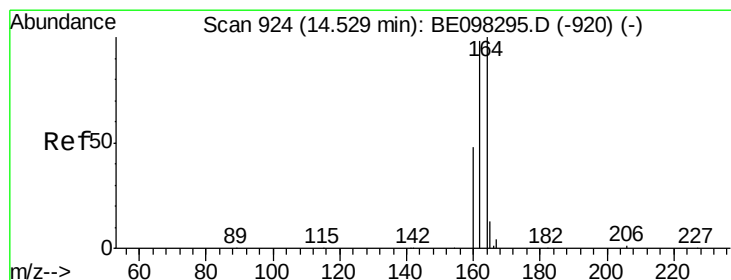
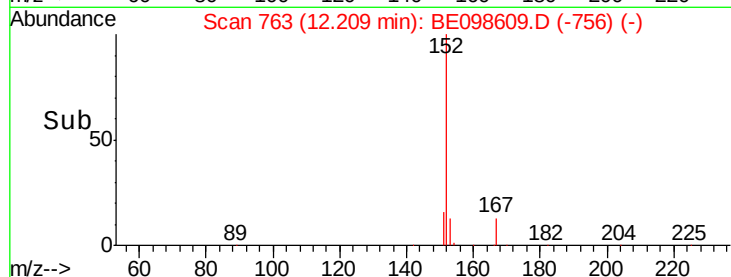
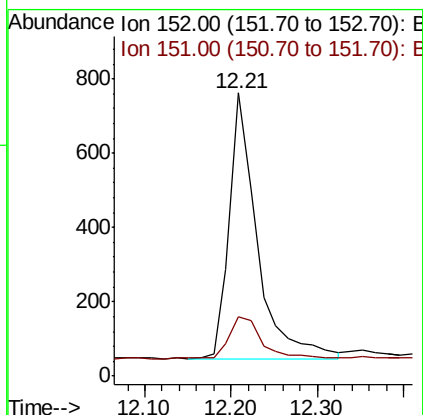
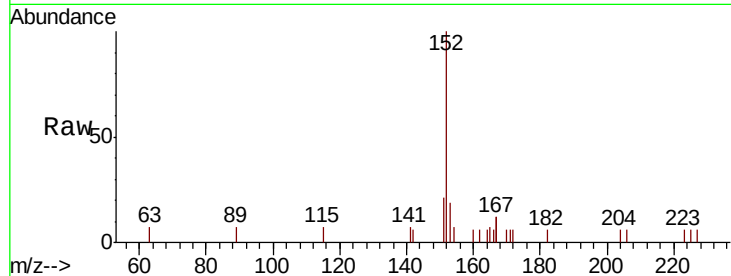




#11
 2-Methylnaphthalene-d10
 Concen: 0.250 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE098609.D
 Acq: 2 Jan 2019 15:52

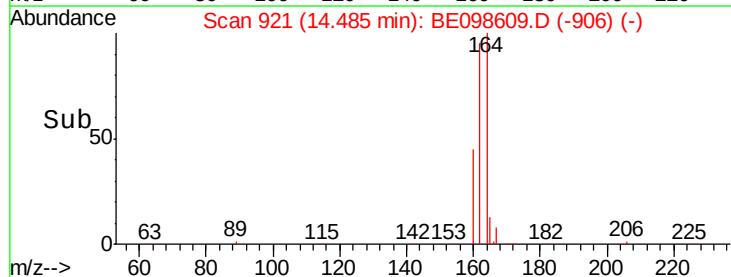
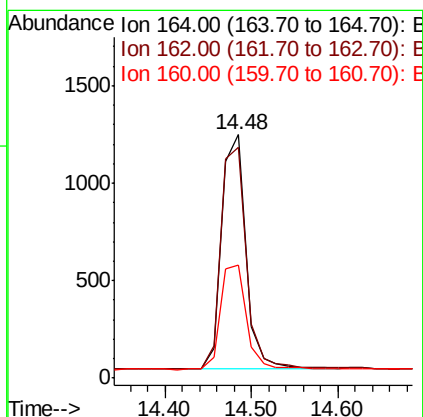
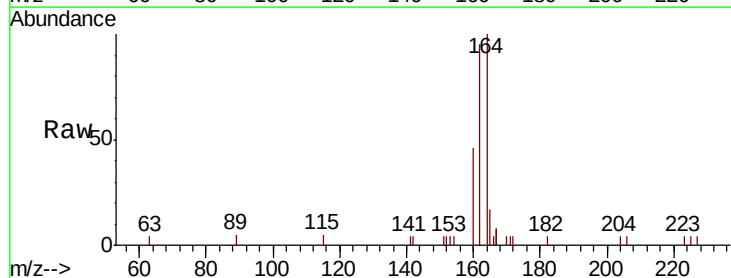
Instrument :
 BNA_E
 ClientSampleId :

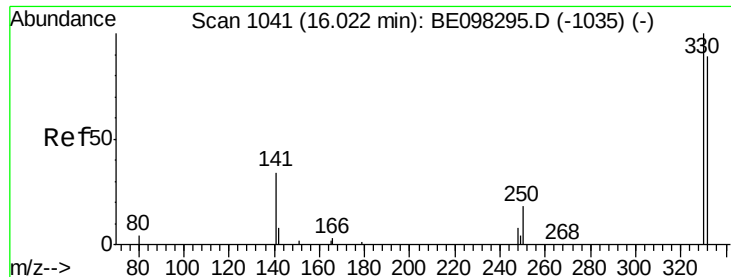
Tot Ion:152 Resp: 1601
 Ion Ratio Lower Upper
 152 100
 151 18.5 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.48 min Scan# 921
 Delta R.T. 0.02 min
 Lab File: BE098609.D
 Acq: 2 Jan 2019 15:52

Tgt Ion:164 Resp: 2367
 Ion Ratio Lower Upper
 164 100
 162 94.8 77.6 116.4
 160 46.4 36.0 54.0





#14

2,4,6-Tribromophenol

Concen: 0.349 ng

RT: 15.98 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampled :

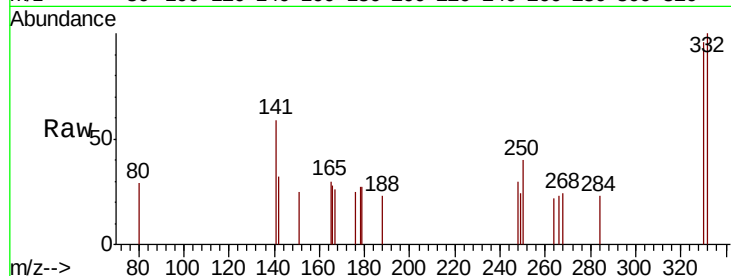
Tot Ion:330 Resp: 303

Ion Ratio Lower Upper

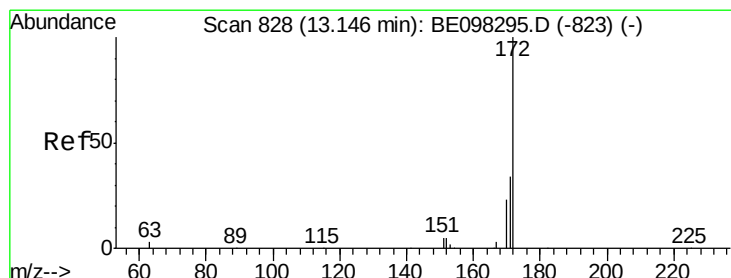
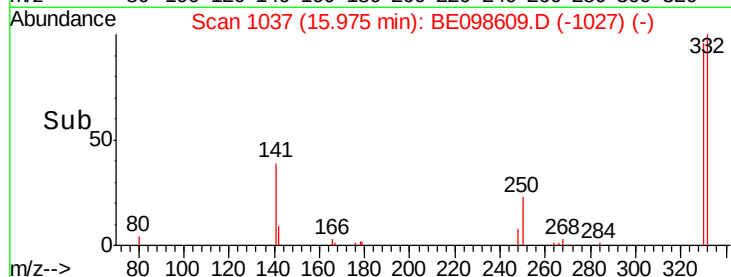
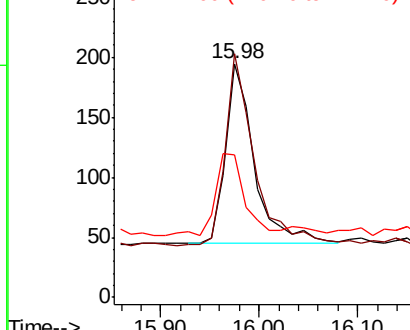
330 100

332 110.9 76.2 114.4

141 46.2 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: 0.272 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.02 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

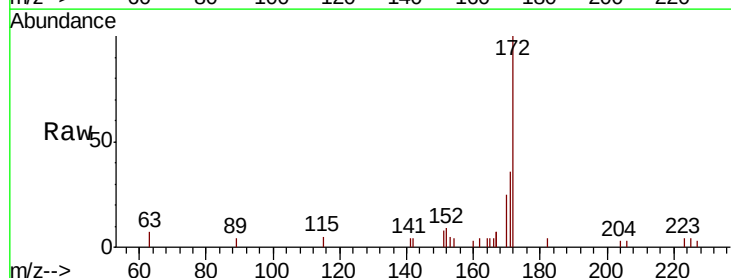
Tgt Ion:172 Resp: 2715

Ion Ratio Lower Upper

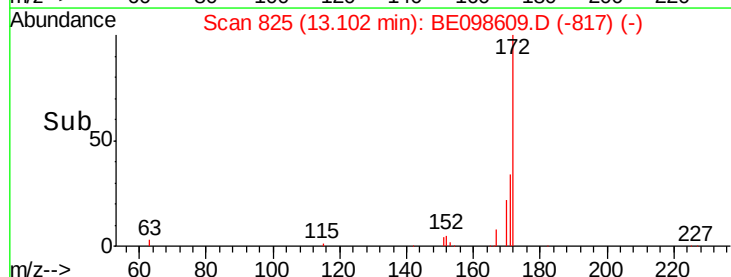
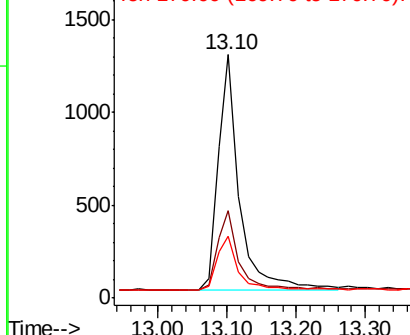
172 100

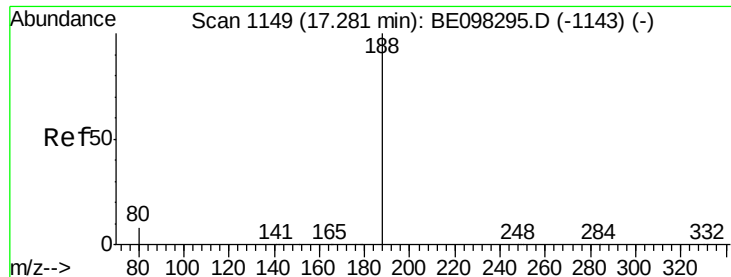
171 36.0 27.5 41.3

170 25.2 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: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

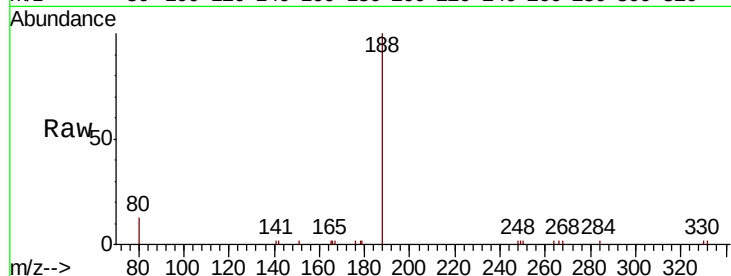
Tot Ion:188 Resp: 5163

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

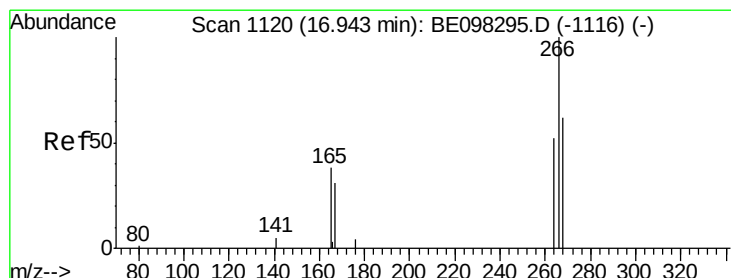
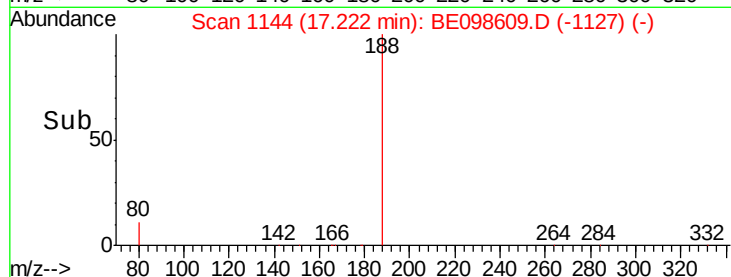
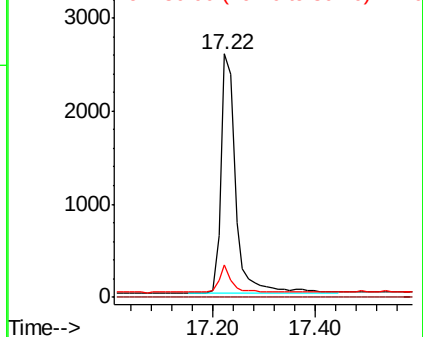
80 13.2 7.2 10.8#



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: 0.049 ng

RT: 16.88 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

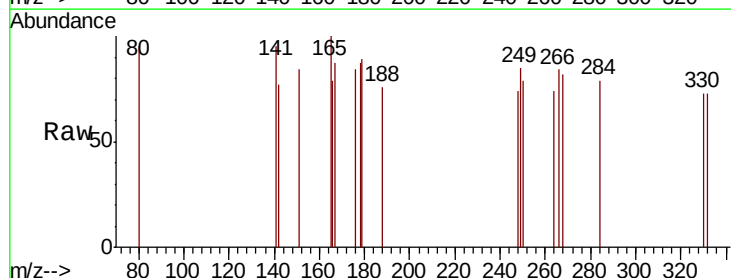
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 88.5 59.0 88.4#

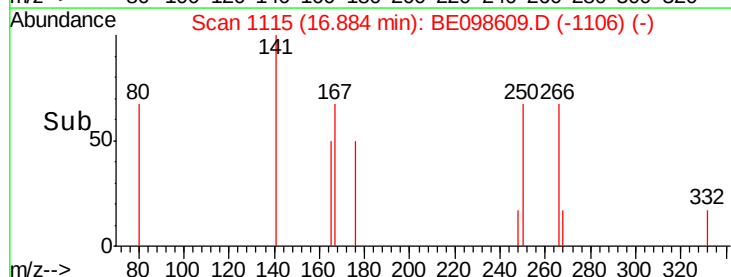
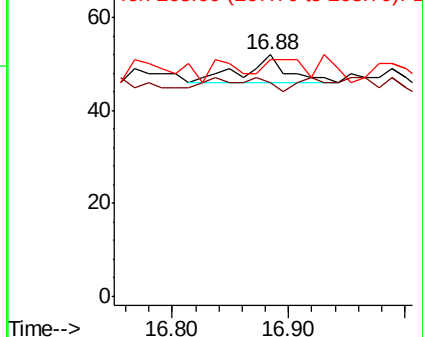
268 98.1 55.1 82.7#

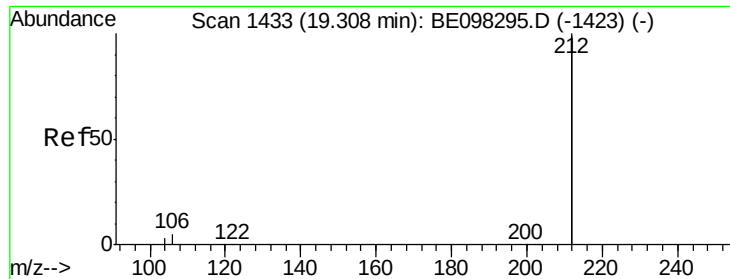


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.26 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

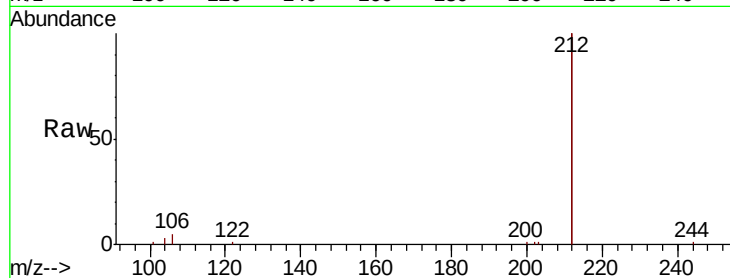
Tot Ion:212 Resp: 18832

Ion Ratio Lower Upper

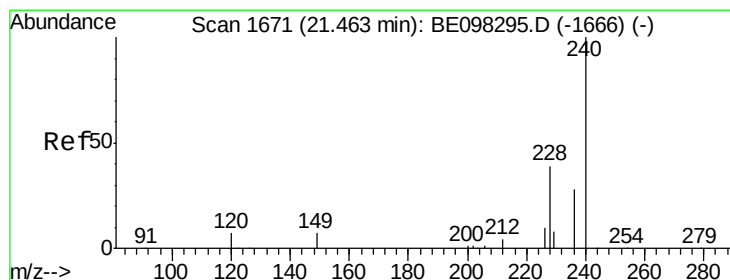
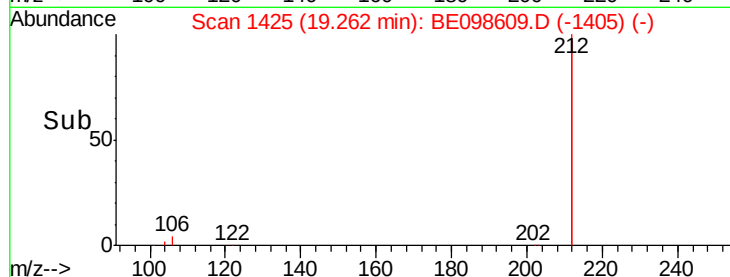
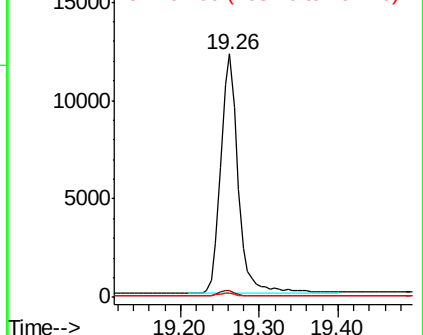
212 100

106 2.2 2.2 3.2

104 1.4 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: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

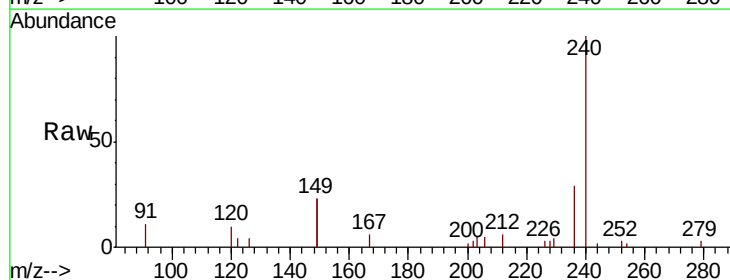
Tgt Ion:240 Resp: 6403

Ion Ratio Lower Upper

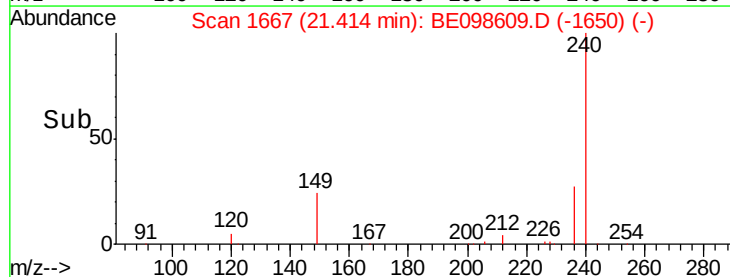
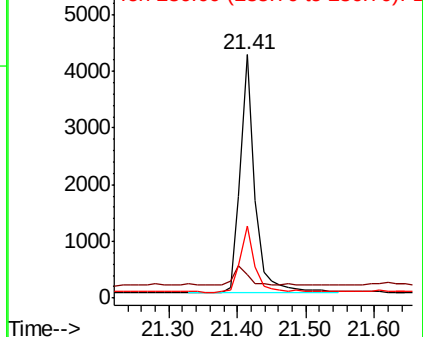
240 100

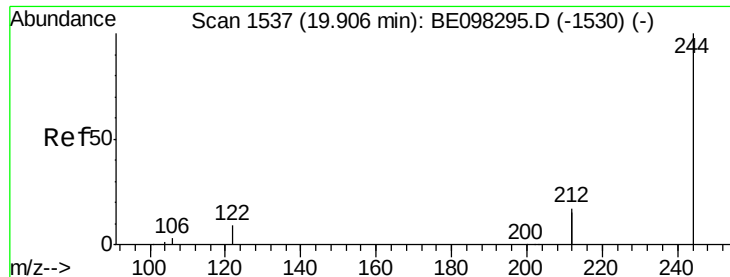
120 9.7 9.5 14.3

236 29.4 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: 0.296 ng

RT: 19.86 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

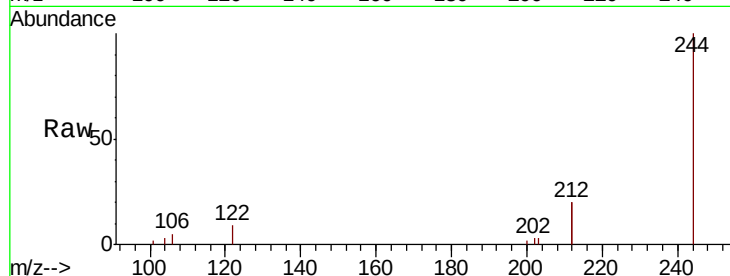
Tot Ion:244 Resp: 4604

Ion Ratio Lower Upper

244 100

212 39.0 27.4 41.0

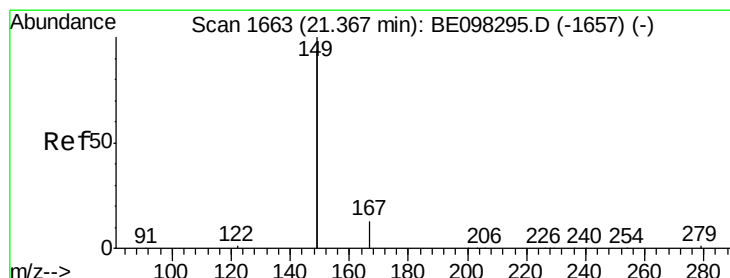
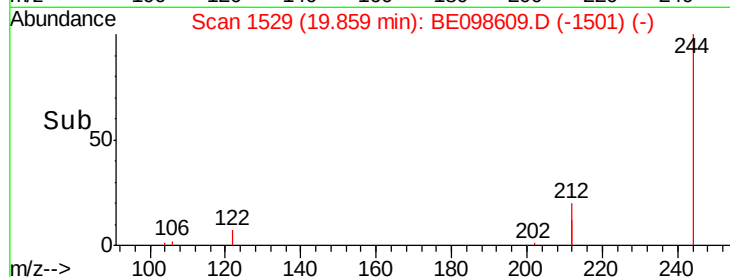
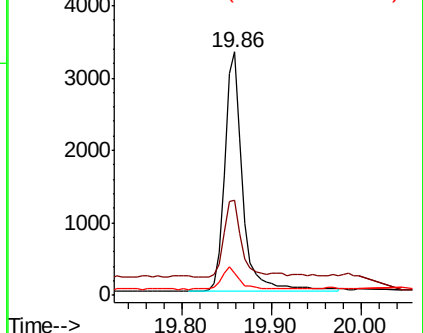
122 9.2 8.3 12.5



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: 0.081 ng

RT: 21.32 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

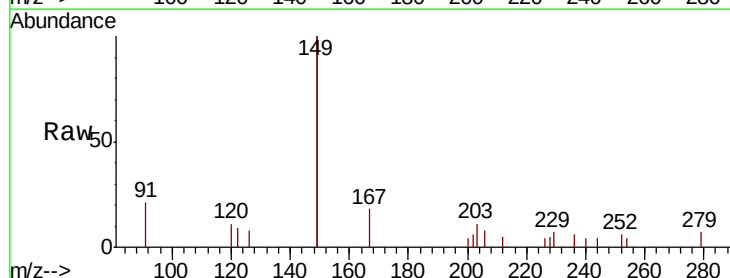
Tgt Ion:149 Resp: 2989

Ion Ratio Lower Upper

149 100

167 10.2 5.7 8.5#

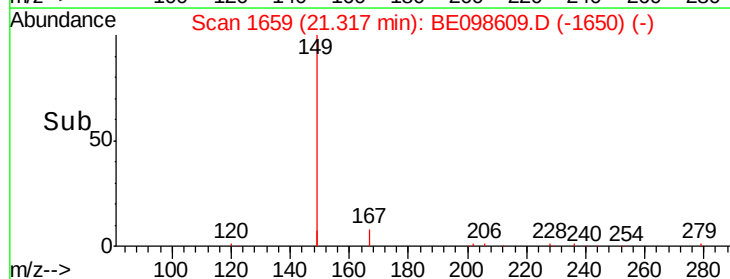
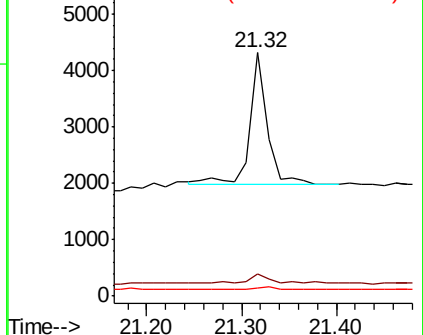
279 4.3 1.0 1.4#

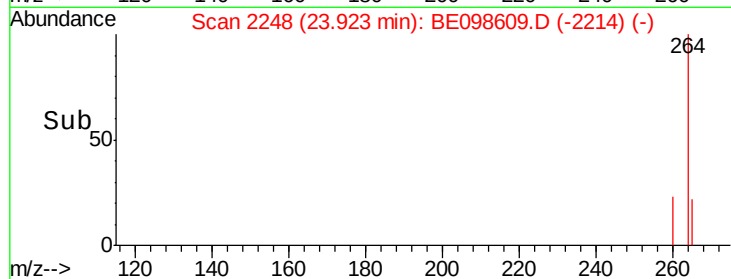
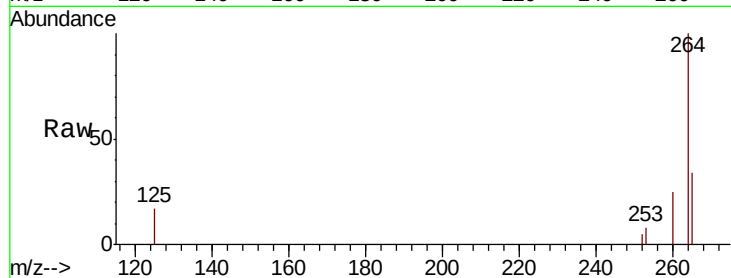
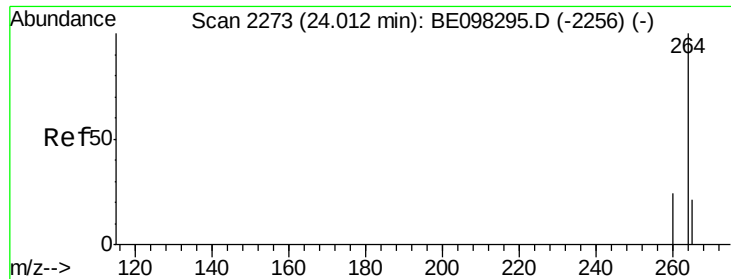


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2248

Delta R.T. -0.03 min

Lab File: BE098609.D

Acq: 2 Jan 2019 15:52

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 7016

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 34.1 25.2 37.8

