

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098425.D
 Acq On : 14 Dec 2018 8:30
 Operator : SJ/JU
 Sample : J6335-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 10:09:51 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

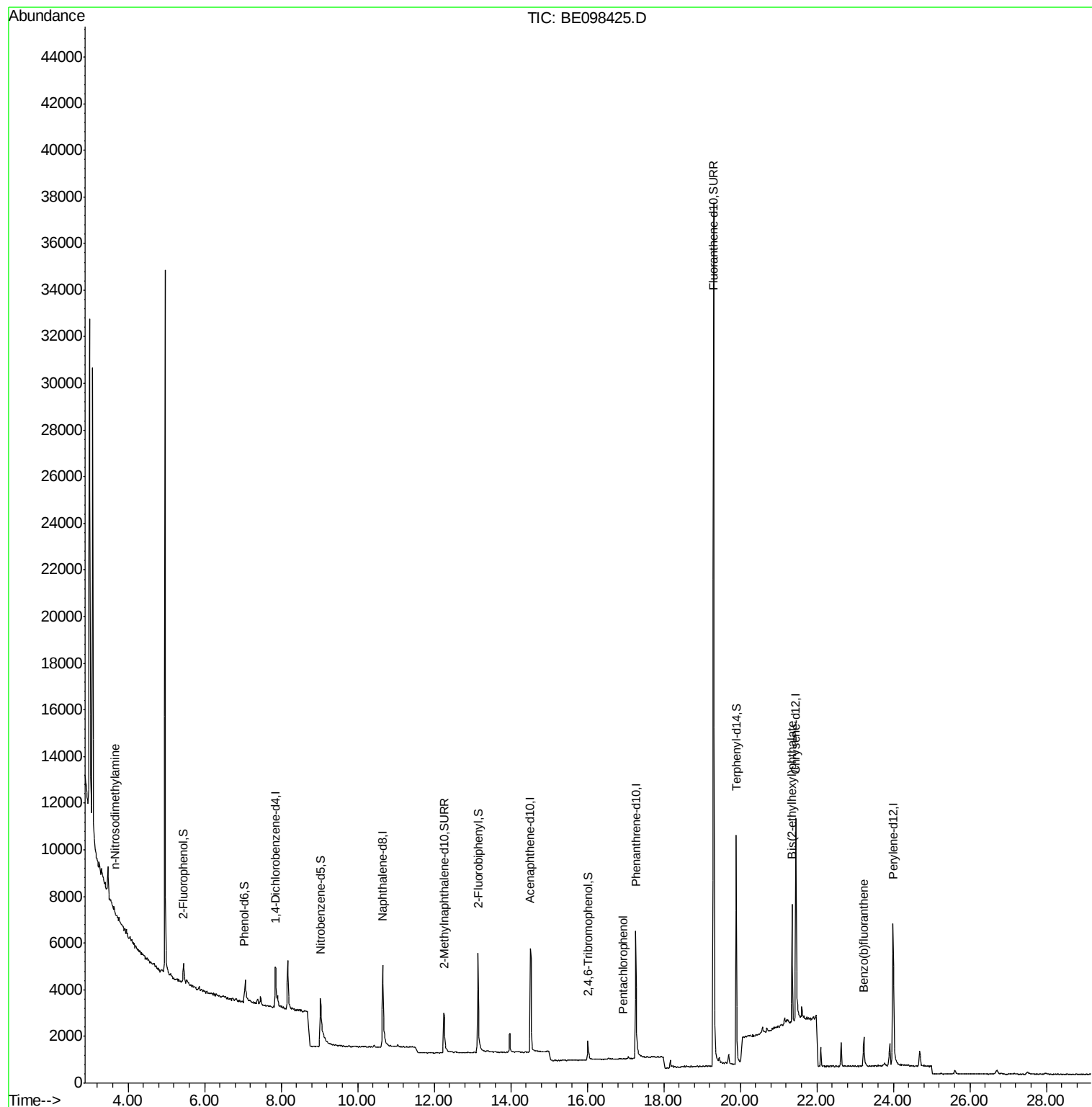
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1195	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5126	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3332	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	9176	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	11081	0.40	ng	-0.01
34) Perylene-d12	23.99	264	10690	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	658	0.24	ng	0.00
5) Phenol-d6	7.03	99	525	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1778	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	3592	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	715	0.58	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5774	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	54778	0.47	ng	0.00
29) Terphenyl-d14	19.89	244	9506	0.35	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.67	42	91	0.049	ng	# 100
22) Pentachlorophenol	16.94	266	20	0.041	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.35	149	6366	0.099	ng	# 97
35) Benzo(b)fluoranthene	23.23	252	600	0.021	ng	# 1

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

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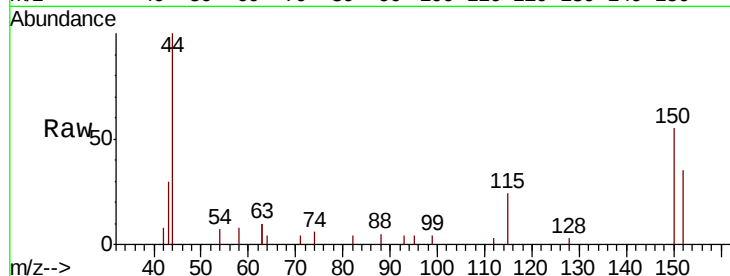


#1

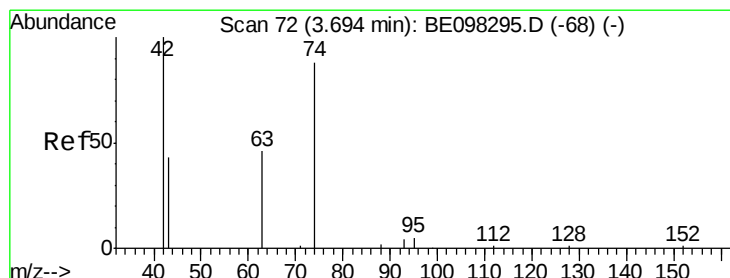
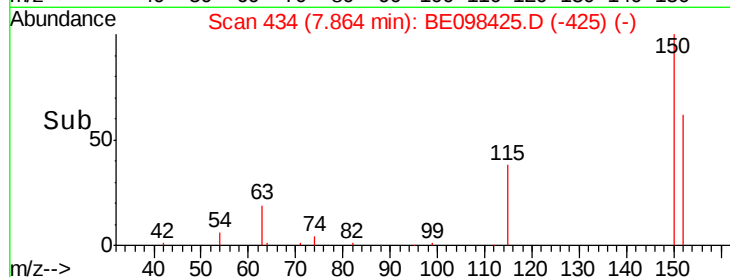
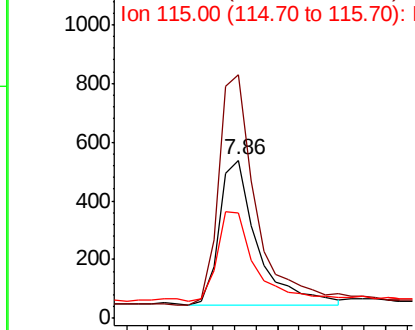
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098425.D
Acq: 14 Dec 2018 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.4
115	66.9	53.9	80.9



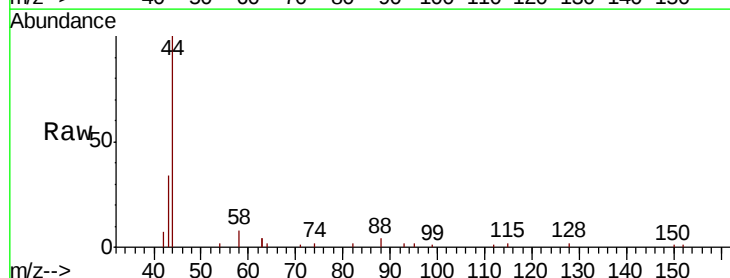
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



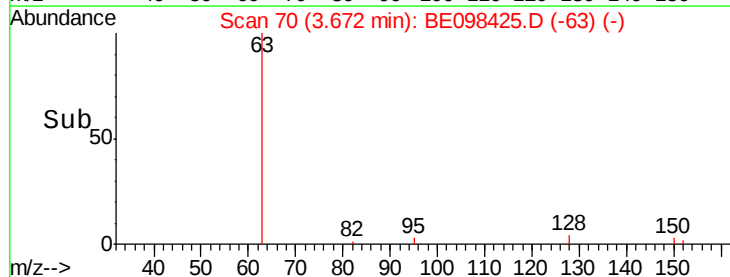
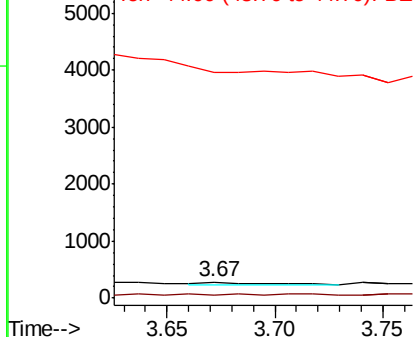
#3

n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098425.D
Acq: 14 Dec 2018 8:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	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: 0.235 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

Instrument :

BNA_F

ClientSampleId :

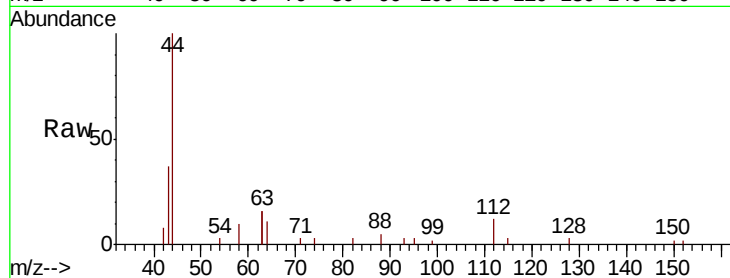
Tot Ion: 112 Resp: 658

Ion Ratio Lower Upper

112 100

64 73.3 59.8 89.8

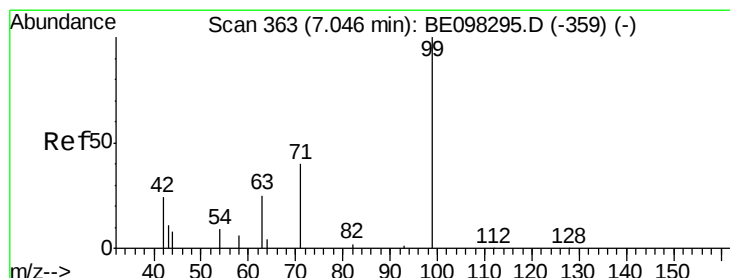
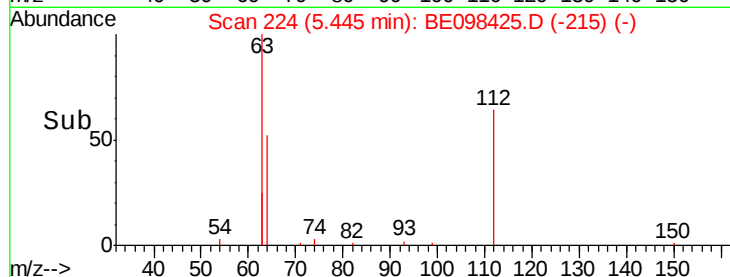
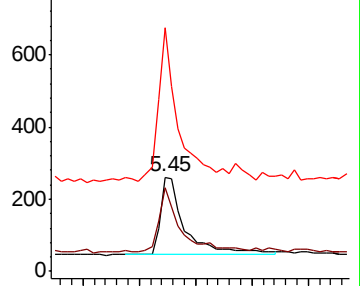
63 155.0 133.7 200.5



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: 0.133 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

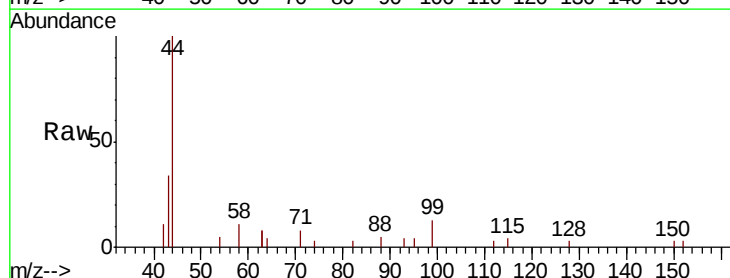
Tgt Ion: 99 Resp: 525

Ion Ratio Lower Upper

99 100

42 52.6 26.3 39.5#

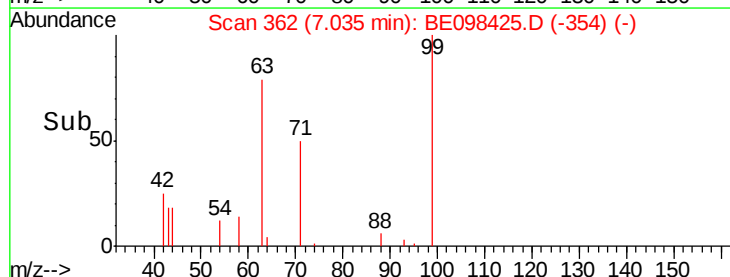
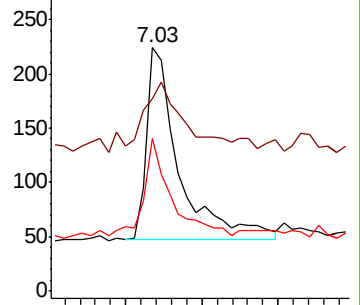
71 41.7 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098425.D

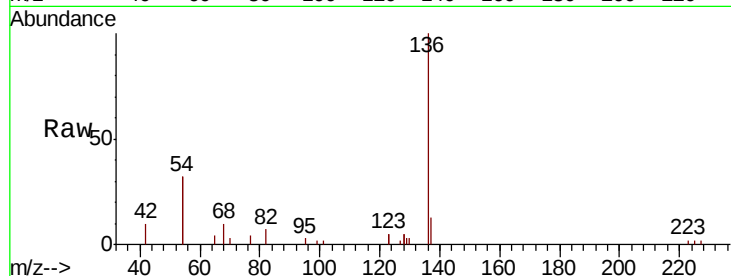
Acq: 14 Dec 2018 8:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	5126
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	63.5	28.4	42.6#
68	10.3	5.4	8.0#

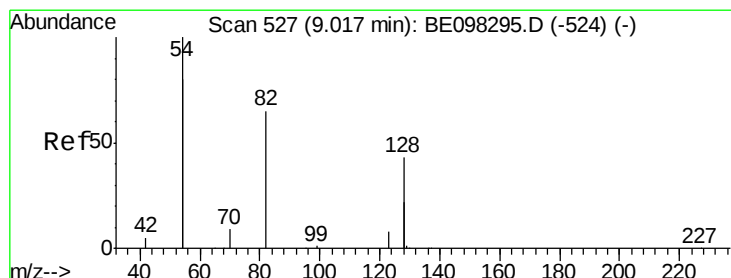
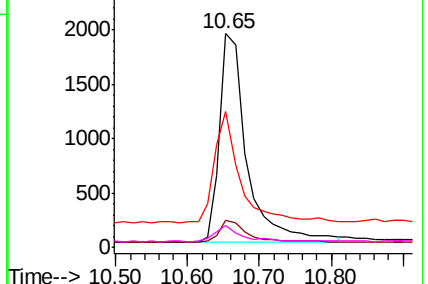
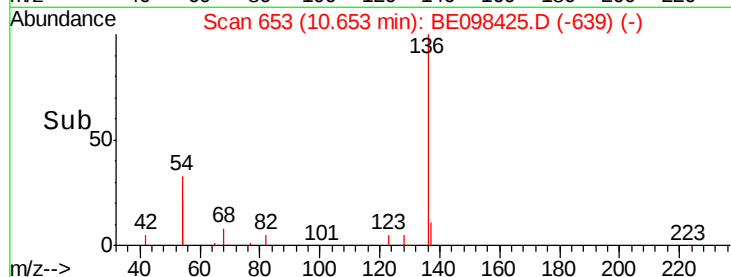


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.381 ng

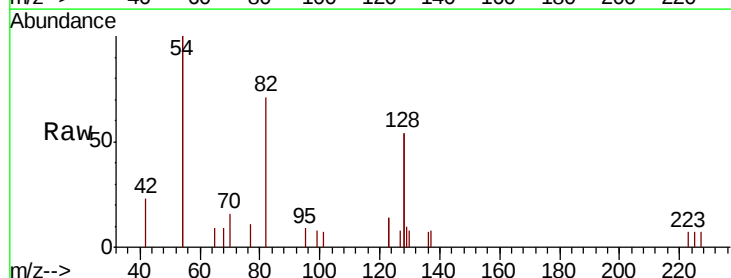
RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

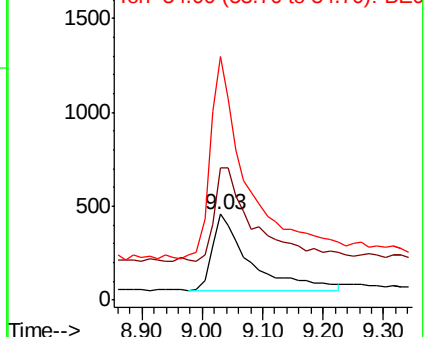
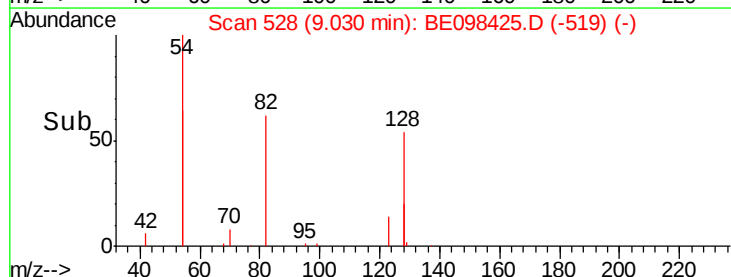
Tgt Ion:	82	Resp:	1778
Ion	Ratio	Lower	Upper
82	100		
128	153.3	102.4	153.6
54	283.4	221.8	332.8

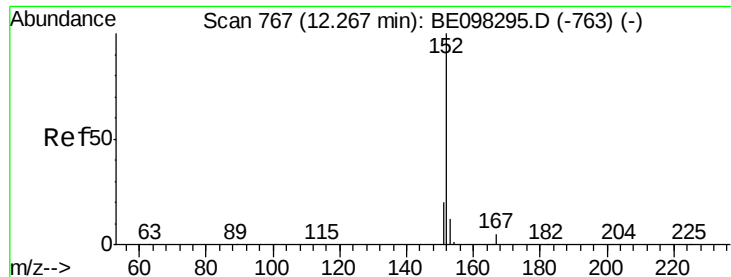


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

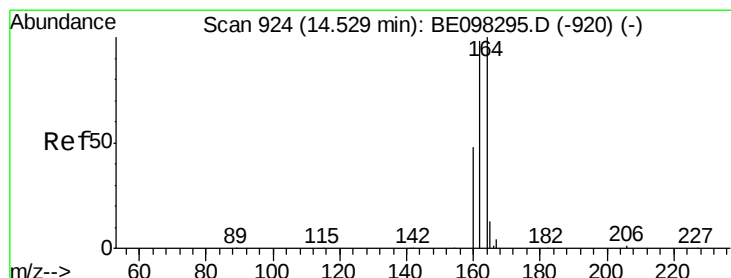
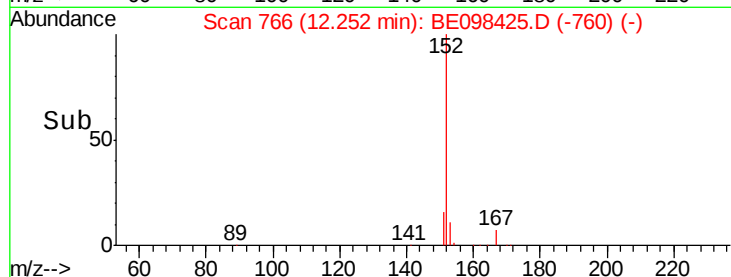
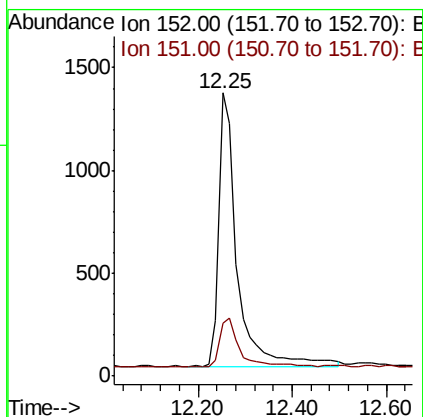
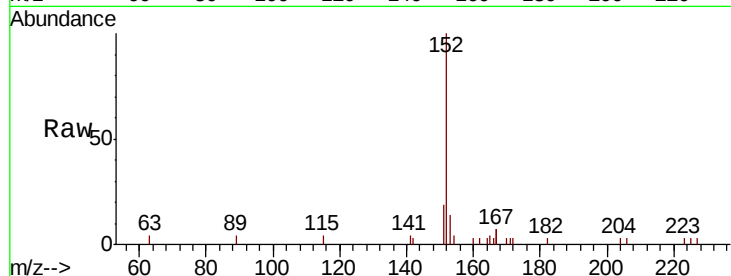




#11
 2-Methylnaphthalene-d10
 Concen: 0.431 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098425.D
 Acq: 14 Dec 2018 8:30

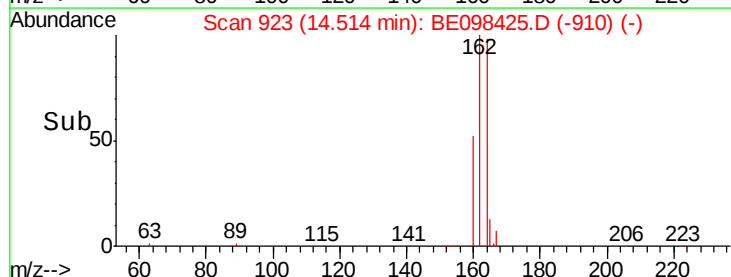
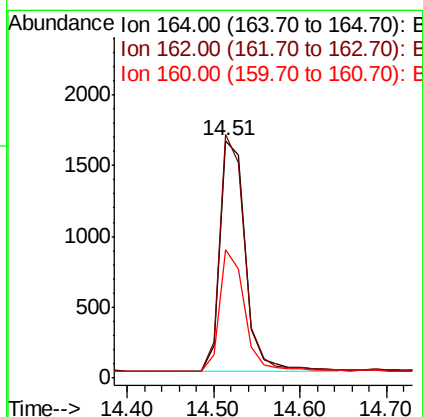
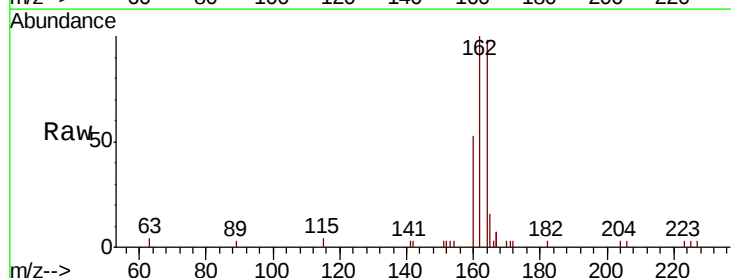
Instrument :
 BNA_F
 ClientSampleId :

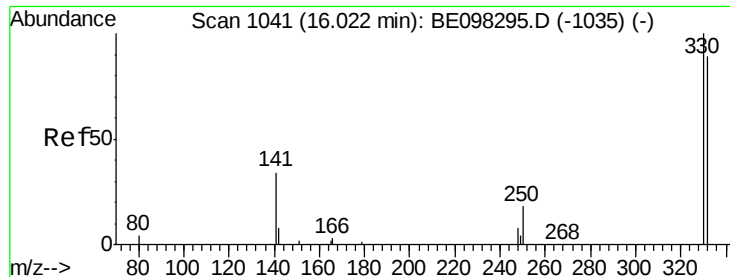
Tot Ion:152 Resp: 3592
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098425.D
 Acq: 14 Dec 2018 8:30

Tgt Ion:164 Resp: 3332
 Ion Ratio Lower Upper
 164 100
 162 102.5 77.6 116.4
 160 54.2 36.0 54.0#

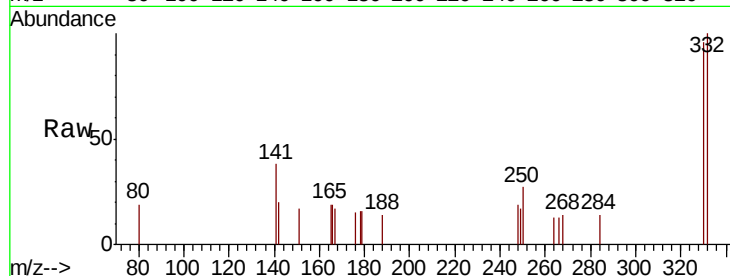




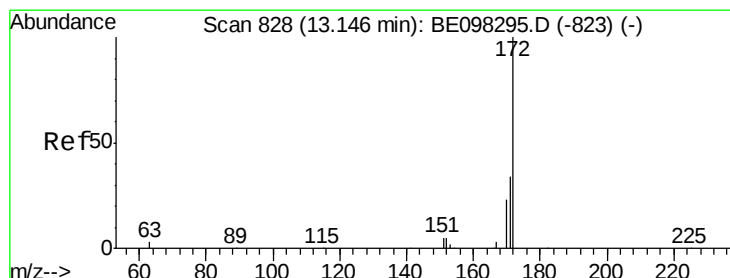
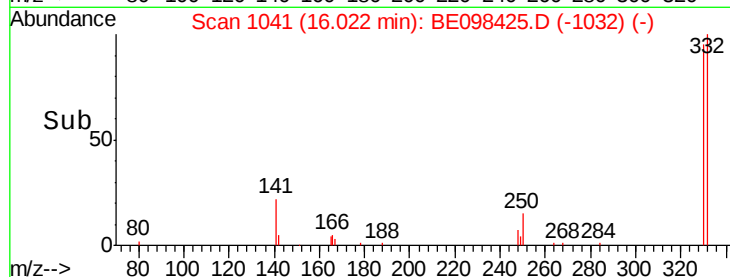
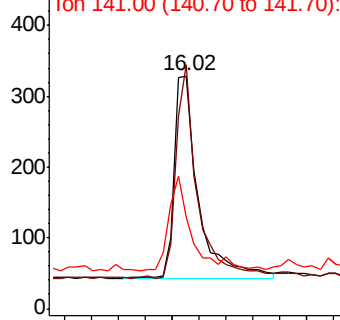
#14
 2,4,6-Tribromophenol
 Concen: 0.584 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098425.D
 Acq: 14 Dec 2018 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 715
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 43.6 39.0 58.4

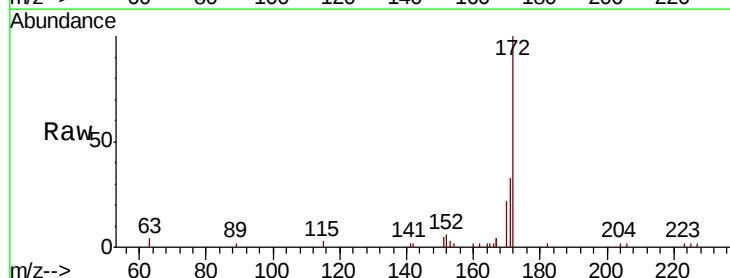


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

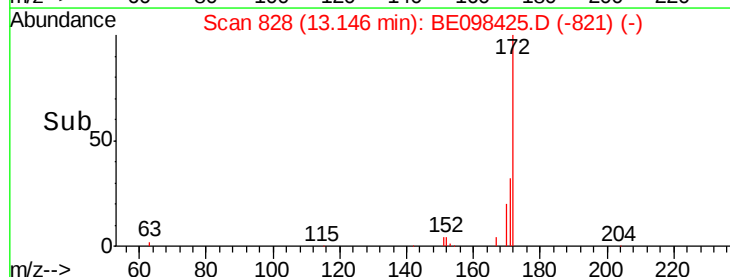
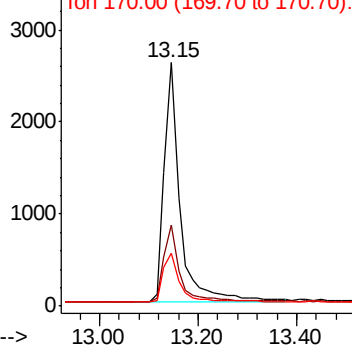


#15
 2-Fluorobiphenyl
 Concen: 0.411 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098425.D
 Acq: 14 Dec 2018 8:30

Tgt Ion:172 Resp: 5774
 Ion Ratio Lower Upper
 172 100
 171 33.4 27.5 41.3
 170 21.8 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

Instrument :

BNA_F

ClientSampleId :

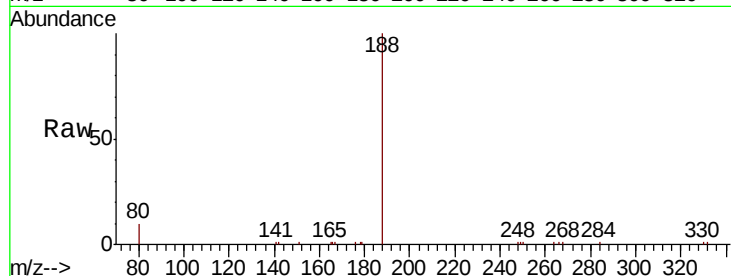
Tot Ion:188 Resp: 9176

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

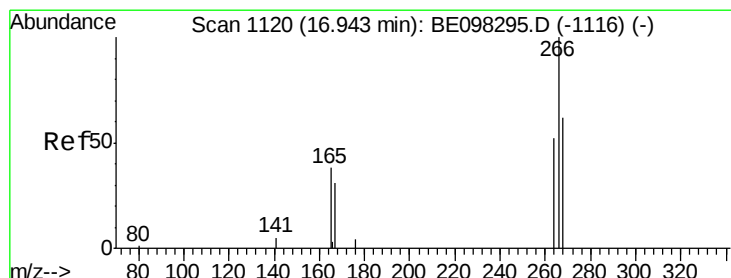
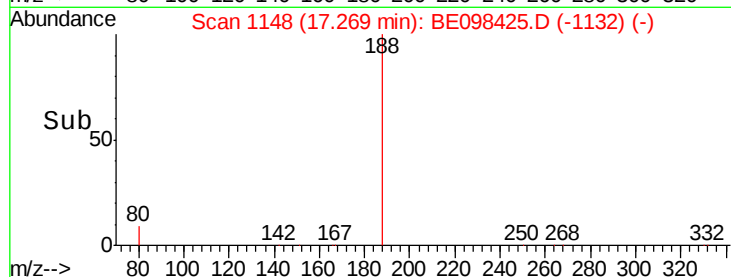
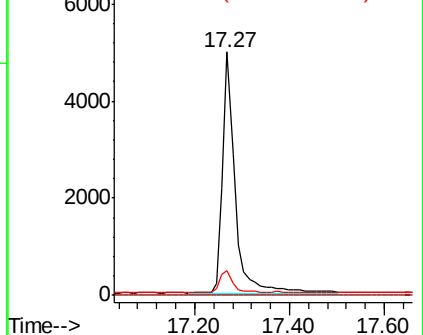
80 10.2 7.2 10.8



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: 0.041 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

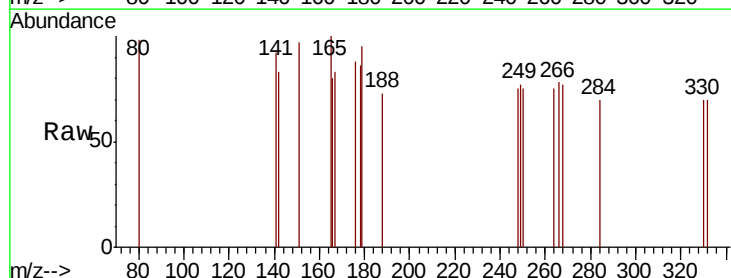
Tgt Ion:266 Resp: 20

Ion Ratio Lower Upper

266 100

264 96.0 59.0 88.4#

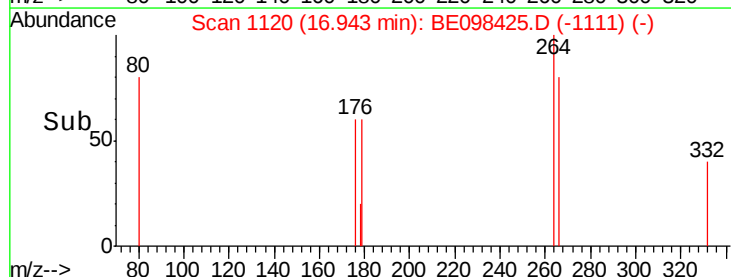
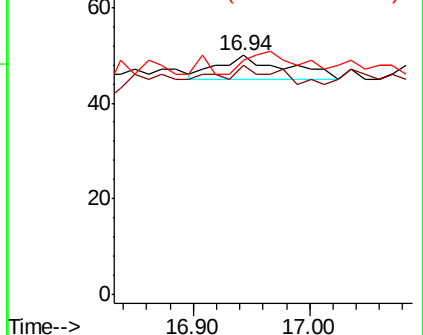
268 98.0 55.1 82.7#

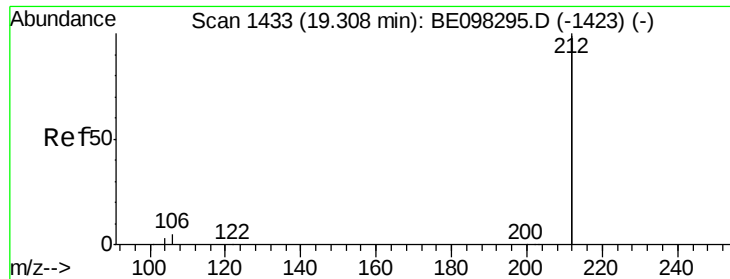


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

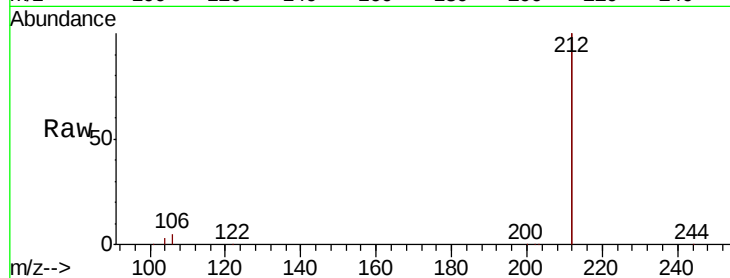




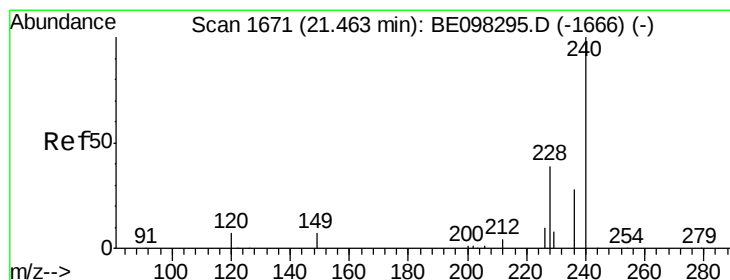
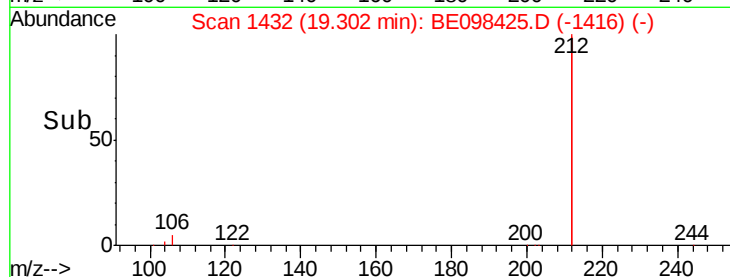
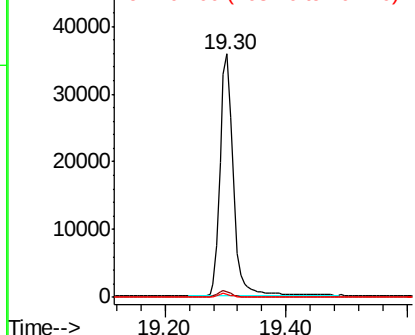
#25
 Fluoranthene-d10
 Concen: 0.465 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098425.D
 Acq: 14 Dec 2018 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:212 Resp: 54778
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.4 1.3 1.9

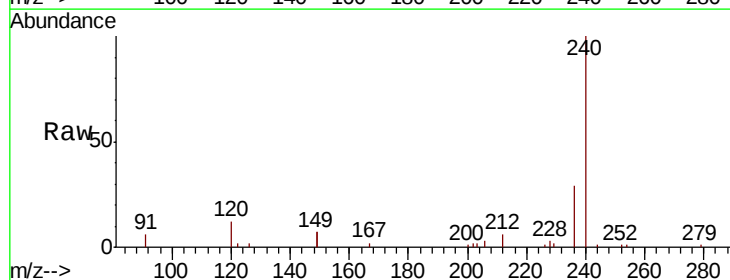


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

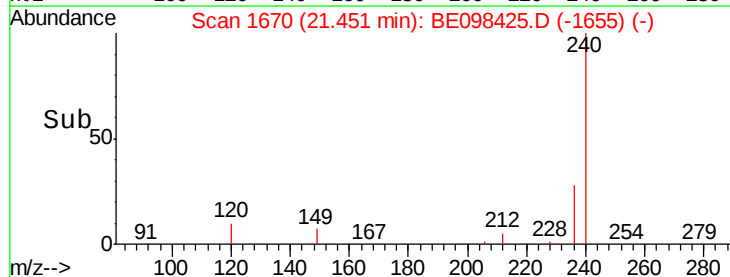
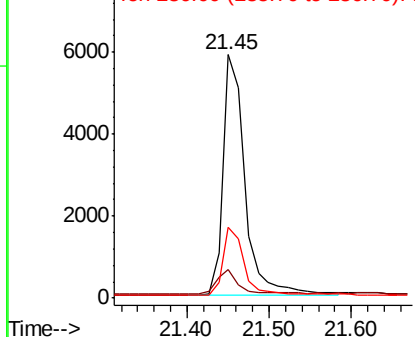


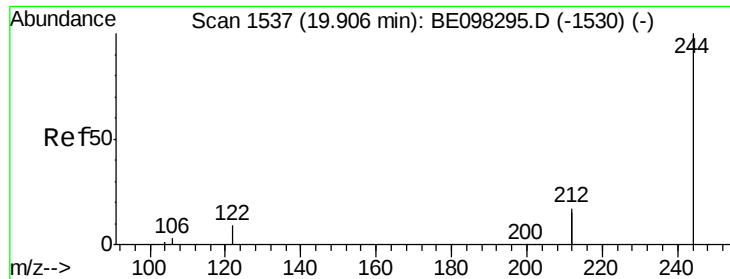
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098425.D
 Acq: 14 Dec 2018 8:30

Tgt Ion:240 Resp: 11081
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.5 14.3
 236 29.0 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: 0.353 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

Instrument :

BNA_F

ClientSampled :

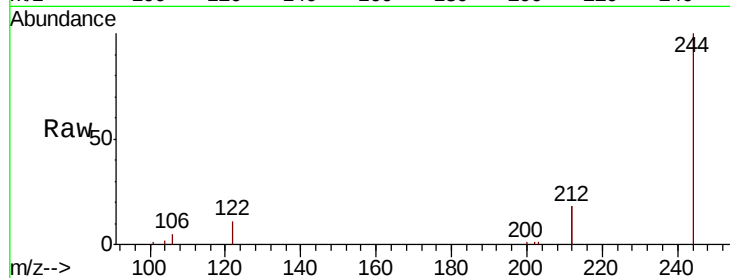
Tot Ion:244 Resp: 9506

Ion Ratio Lower Upper

244 100

212 36.8 27.4 41.0

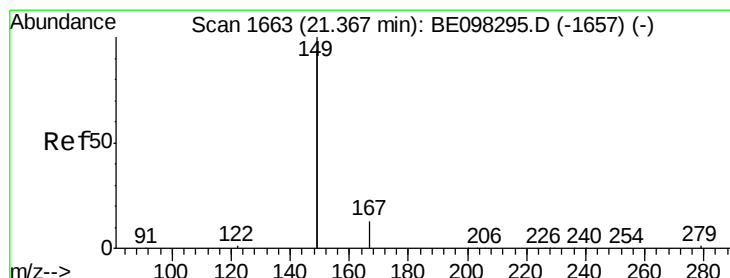
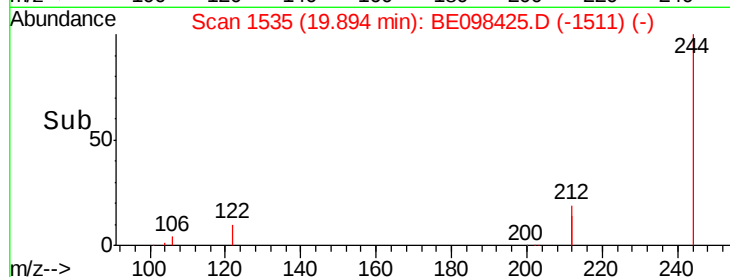
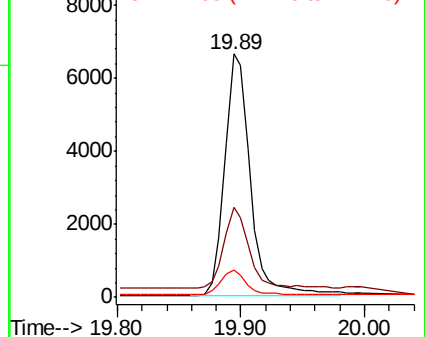
122 11.0 8.3 12.5



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: 0.099 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098425.D

Acq: 14 Dec 2018 8:30

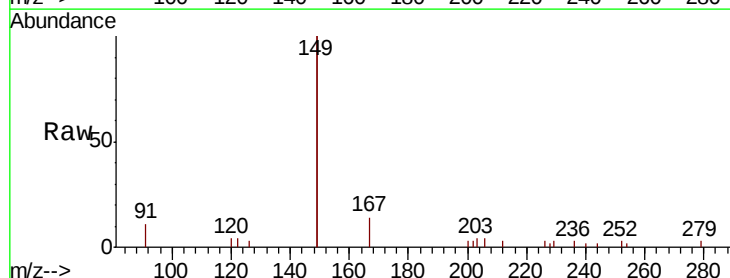
Tgt Ion:149 Resp: 6366

Ion Ratio Lower Upper

149 100

167 6.1 5.7 8.5

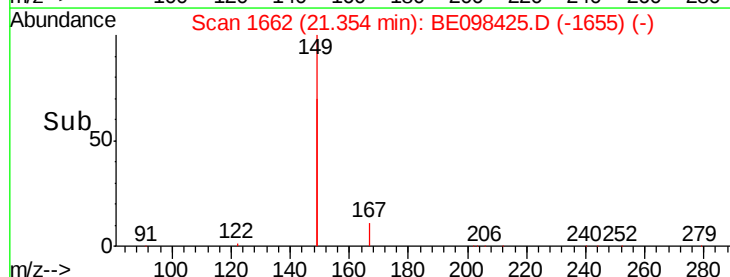
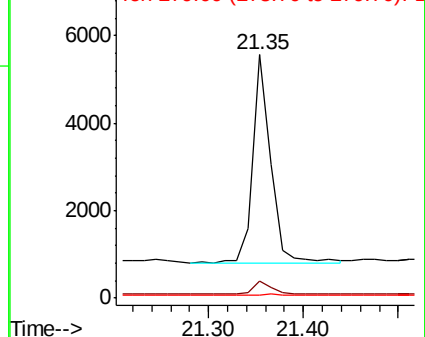
279 0.8 1.0 1.4#

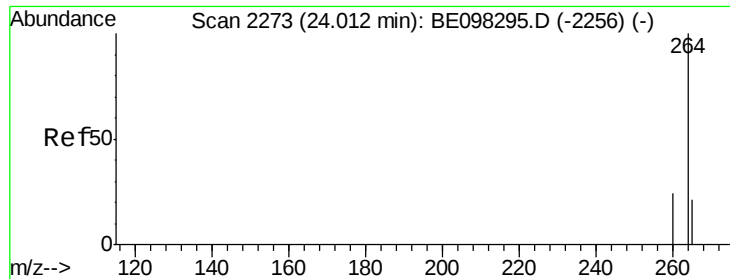


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

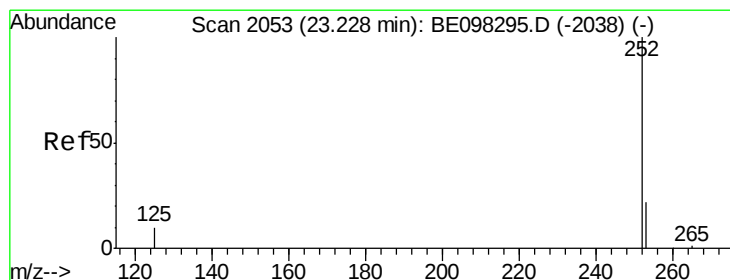
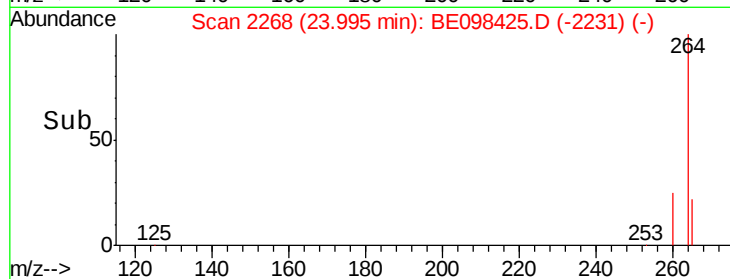
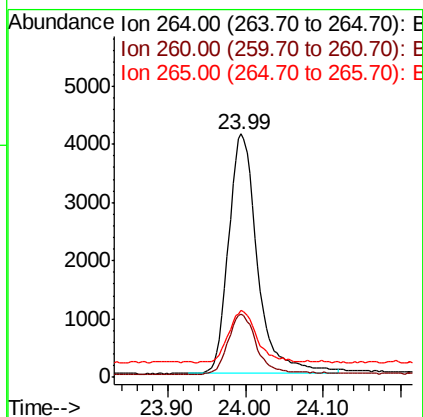
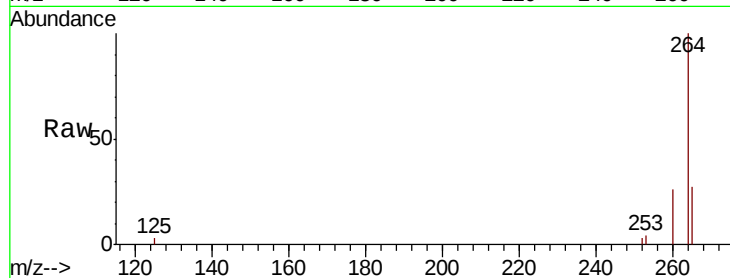




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BE098425.D
Acq: 14 Dec 2018 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 10690
Ion Ratio Lower Upper
264 100
260 26.2 20.2 30.2
265 27.3 25.2 37.8



#35
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 23.23 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BE098425.D
Acq: 14 Dec 2018 8:30

Tgt Ion:252 Resp: 600
Ion Ratio Lower Upper
252 100
253 103.1 20.0 30.0#
125 293.5 9.6 14.4#

