

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100998.D
 Acq On : 27 Dec 2019 18:05
 Operator : JU
 Sample : K6392-05DL 500X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1DL

Quant Time: Dec 27 22:48:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

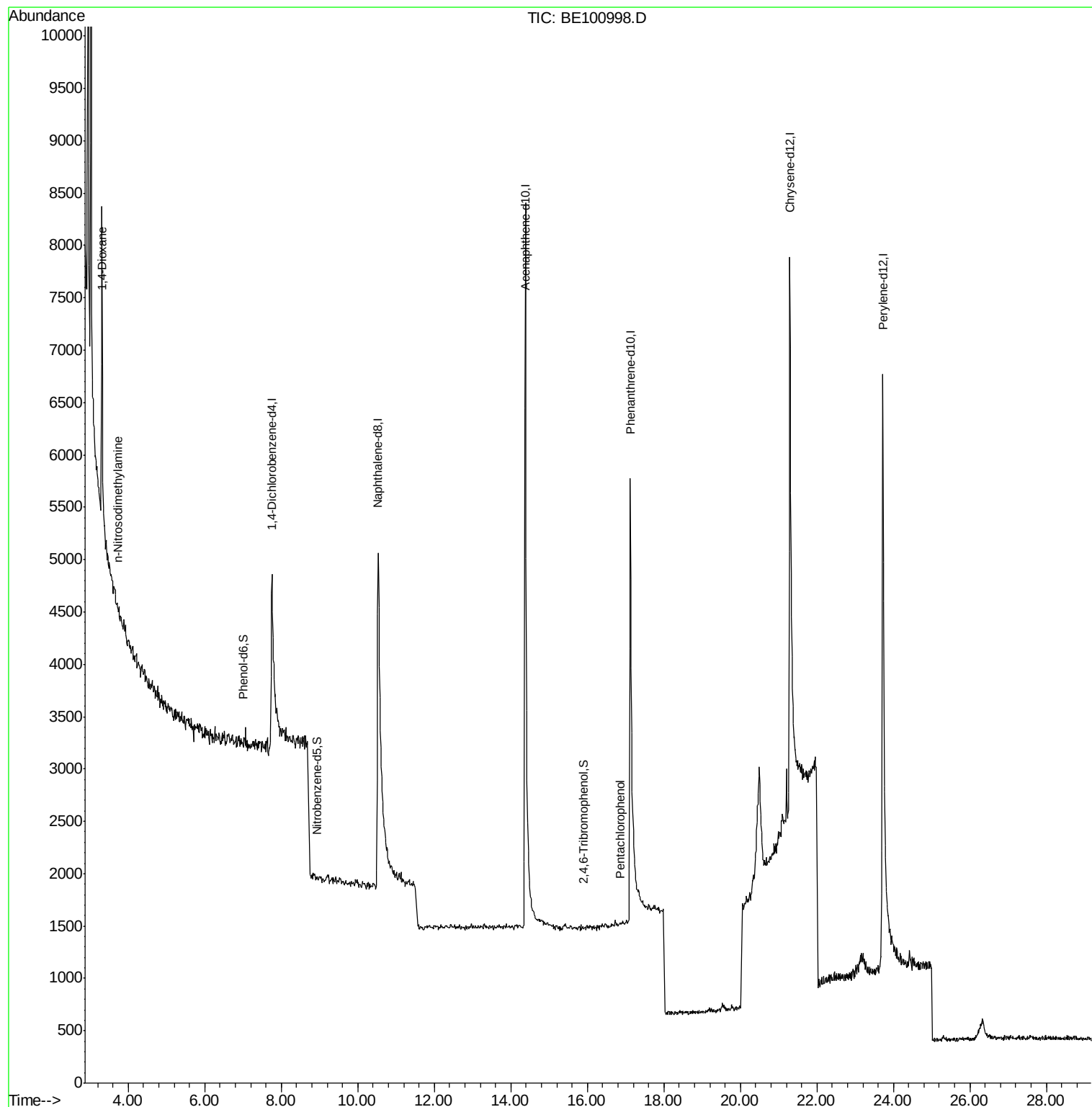
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	1853	0.40	ng	0.01
7) Naphthalene-d8	10.54	136	10524	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	7534	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	15937	0.40	ng	0.00
27) Chrysene-d12	21.29	240	13101	0.40	ng	0.00
34) Perylene-d12	23.72	264	14791	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	7	0.00	ng	0.01
5) Phenol-d6	7.00	99	11	0.21	ng	0.01
8) Nitrobenzene-d5	8.93	82	30	0.21	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	10	0.00	ng	-0.03
14) 2,4,6-Tribromophenol	15.89	330	3	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.04	172	74	0.00	ng	0.03
25) Fluoranthene-d10	19.16	212	28	0.00	ng	0.01
29) Terphenyl-d14	19.77	244	38	0.00	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.31	88	2080	0.310	ng	# 73
3) n-Nitrosodimethylamine	3.73	42	135	0.377	ng	# 1
22) Pentachlorophenol	16.85	266	21	0.118	ng	91
32) Bis(2-ethylhexyl)phthalate	21.21	149	592	Below Cal	#	99

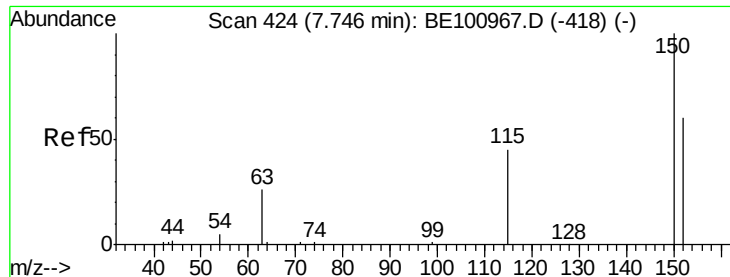
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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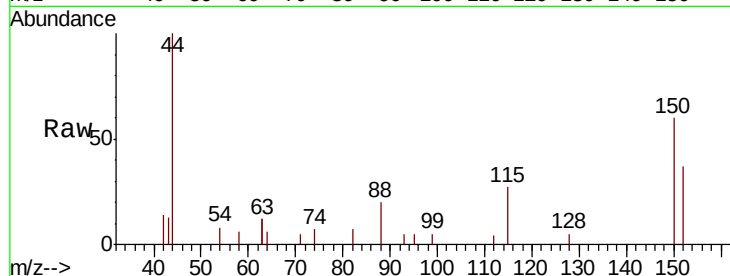


#1

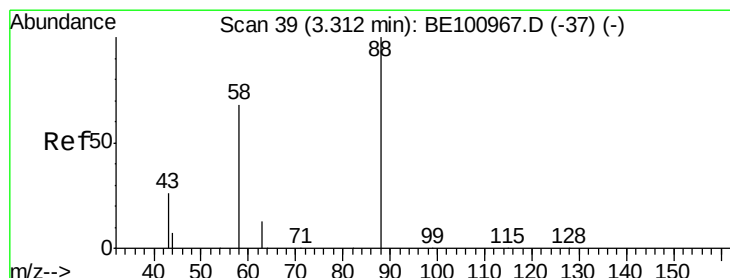
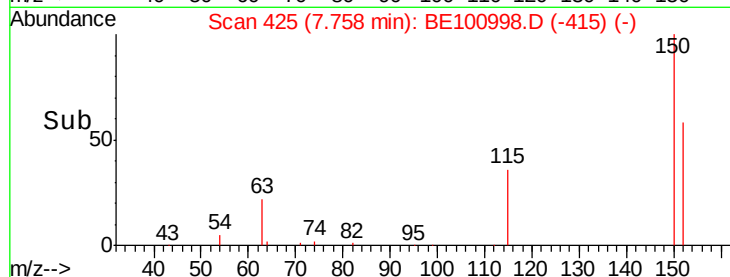
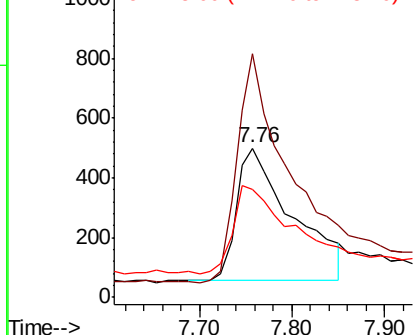
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.01 min
Lab File: BE100998.D
Acq: 27 Dec 2019 18:05

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tot Ion:152 Resp: 1853
Ion Ratio Lower Upper
152 100
150 163.5 132.6 199.0
115 72.3 64.1 96.1



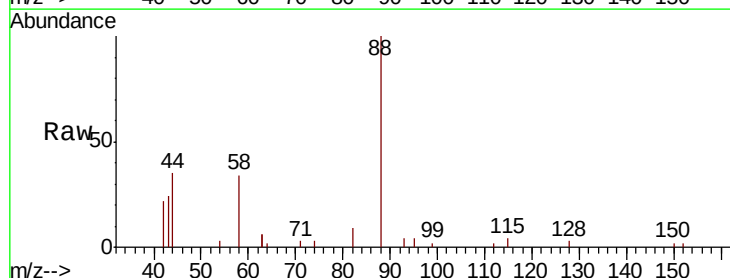
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



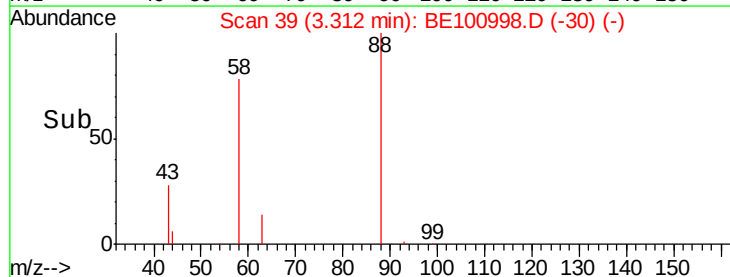
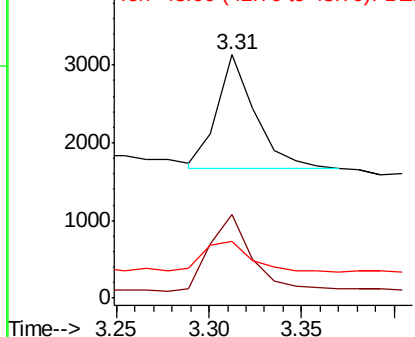
#2

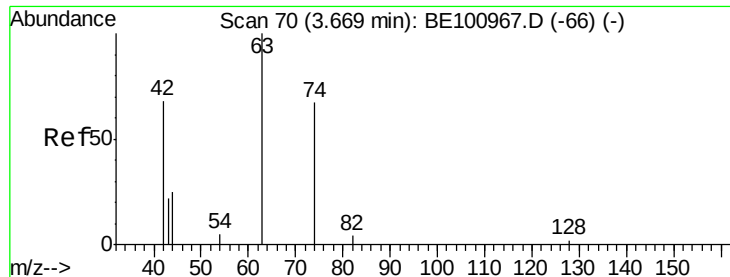
1,4-Dioxane
Concen: 0.310 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100998.D
Acq: 27 Dec 2019 18:05

Tgt Ion: 88 Resp: 2080
Ion Ratio Lower Upper
88 100
58 77.0 44.2 66.4#
43 37.1 21.0 31.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.377 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.06 min

Lab File: BE100998.D

Acq: 27 Dec 2019 18:05

Instrument :

BNA_E

ClientSampleId :

DUP-1DL

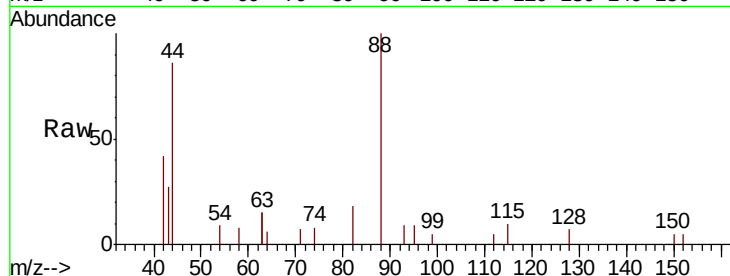
Tot Ion: 42 Resp: 135

Ion Ratio Lower Upper

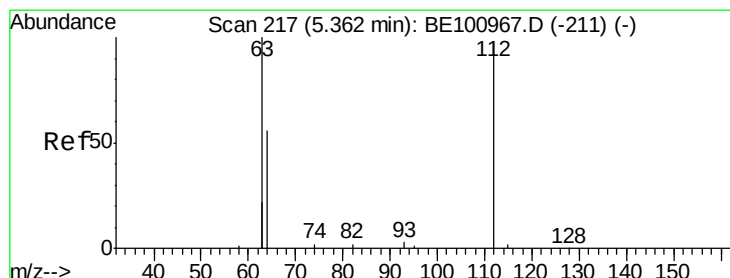
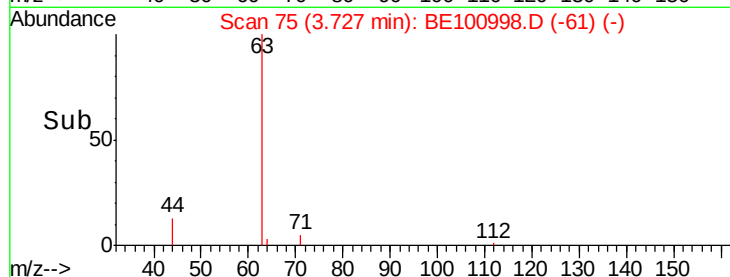
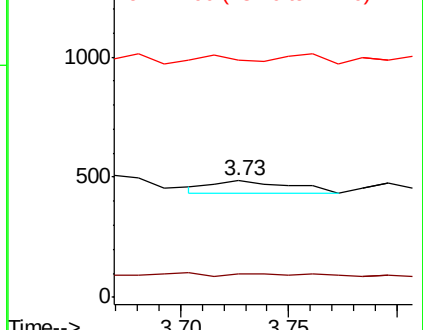
42 100

74 0.0 116.6 174.8#

44 48.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE100998.D

Acq: 27 Dec 2019 18:05

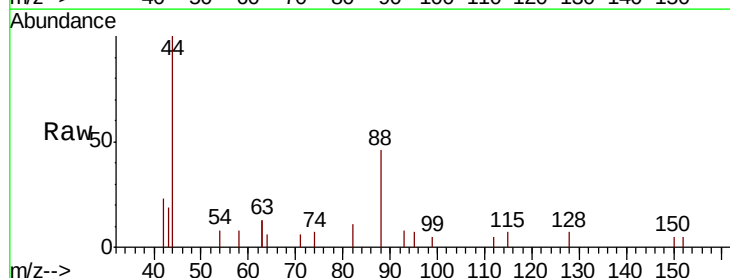
Tgt Ion: 112 Resp: 7

Ion Ratio Lower Upper

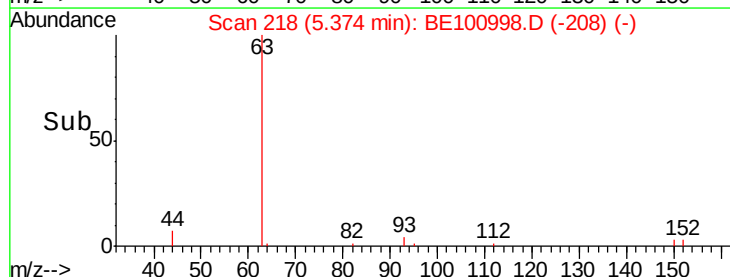
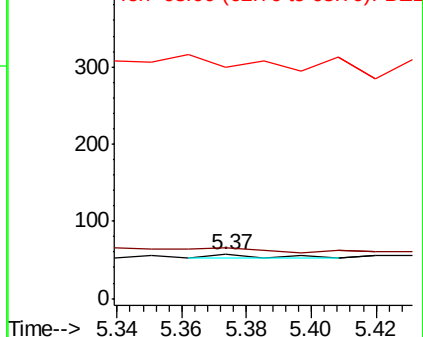
112 100

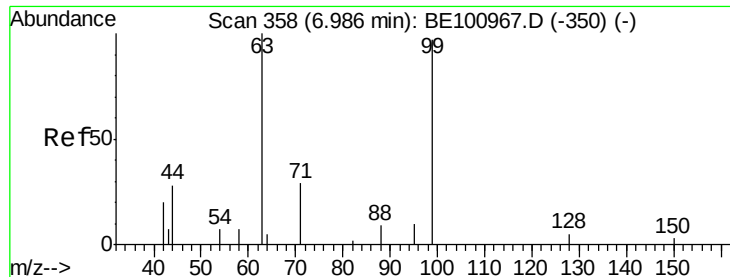
64 0.0 59.0 88.6#

63 671.4 121.4 182.0#



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1

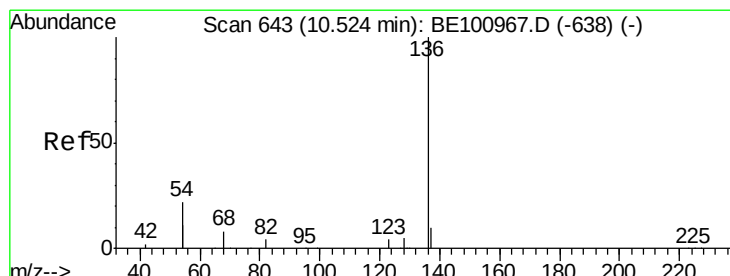
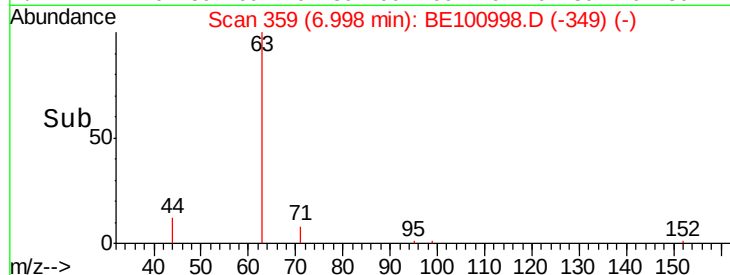
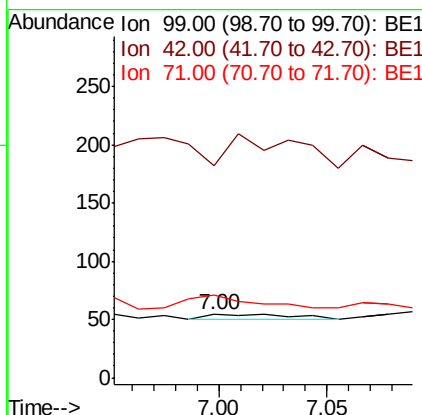
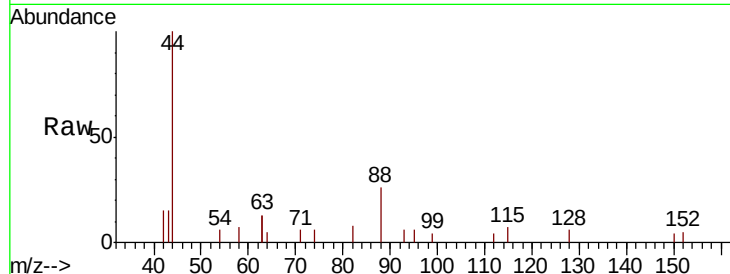




#5
 Phenol-d6
 Concen: 0.206 ng
 RT: 7.00 min Scan# 359
 Delta R.T. 0.01 min
 Lab File: BE100998.D
 Acq: 27 Dec 2019 18:05

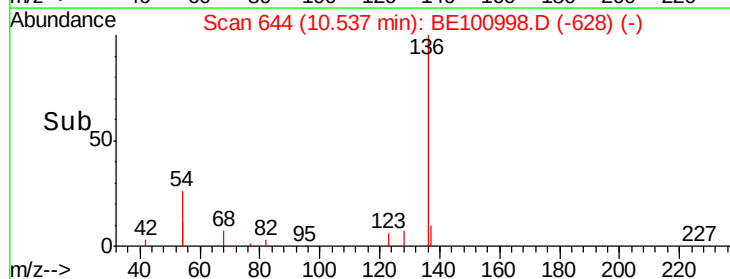
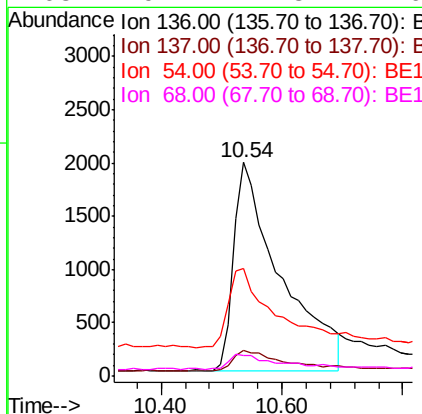
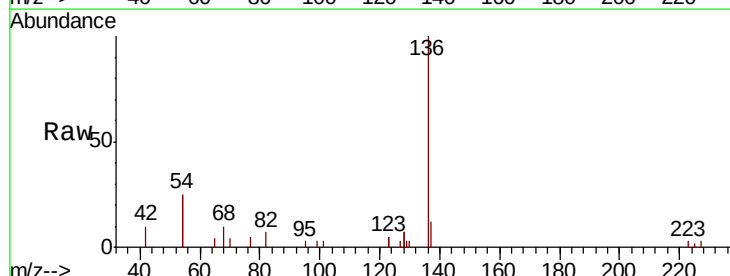
Instrument :
 BNA_E
 ClientSampleId :
 DUP-1DL

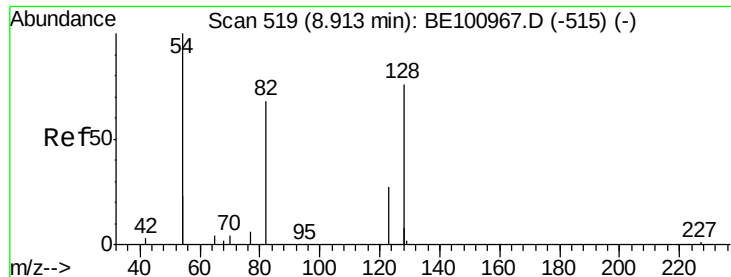
Tot Ion: 99 Resp: 11
 Ion Ratio Lower Upper
 99 100
 42 554.5 0.0 0.0#
 71 236.4 0.0 0.0#



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.54 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BE100998.D
 Acq: 27 Dec 2019 18:05

Tgt Ion: 136 Resp: 10524
 Ion Ratio Lower Upper
 136 100
 137 12.3 9.0 13.6
 54 50.4 34.4 51.6
 68 9.7 7.8 11.6





#8

Nitrobenzene-d5

Concen: 0.214 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.01 min

Lab File: BE100998.D

Acq: 27 Dec 2019 18:05

Instrument :

BNA_E

ClientSampleId :

DUP-1DL

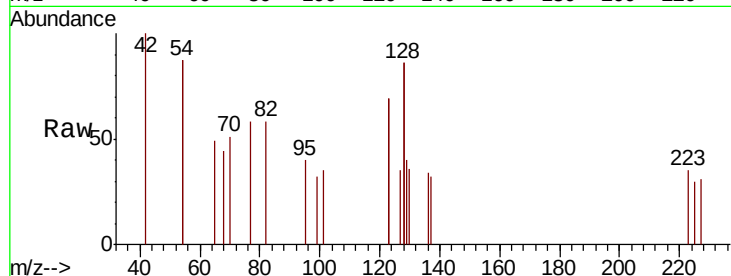
Tot Ion: 82 Resp: 30

Ion Ratio Lower Upper

82 100

128 294.6 140.2 210.2#

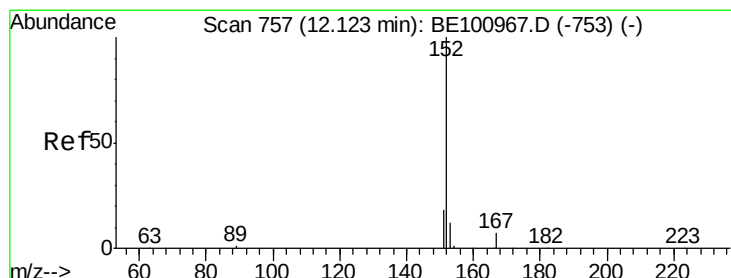
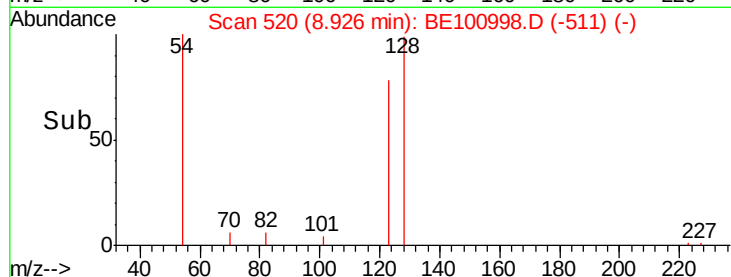
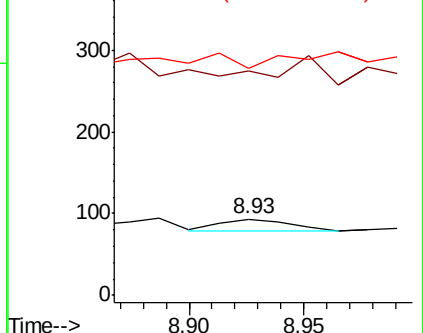
54 298.9 183.8 275.6#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.03 min

Lab File: BE100998.D

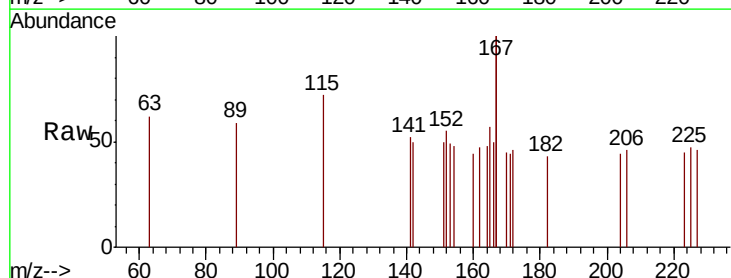
Acq: 27 Dec 2019 18:05

Tgt Ion: 152 Resp: 10

Ion Ratio Lower Upper

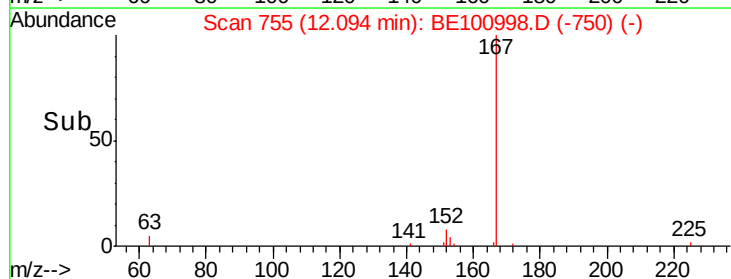
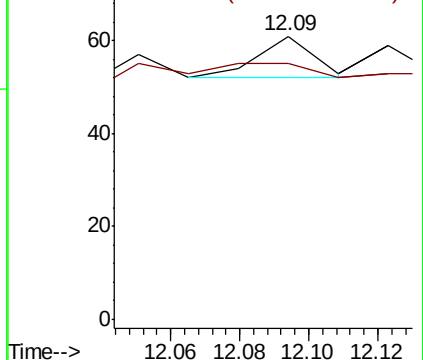
152 100

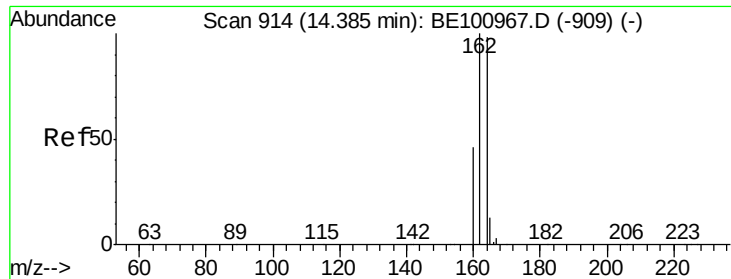
151 0.0 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

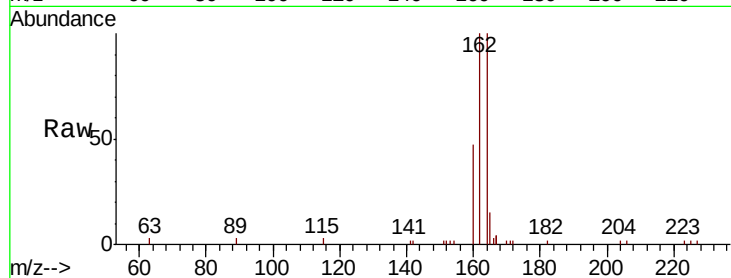




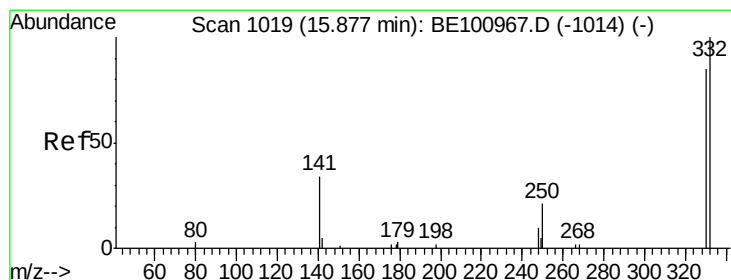
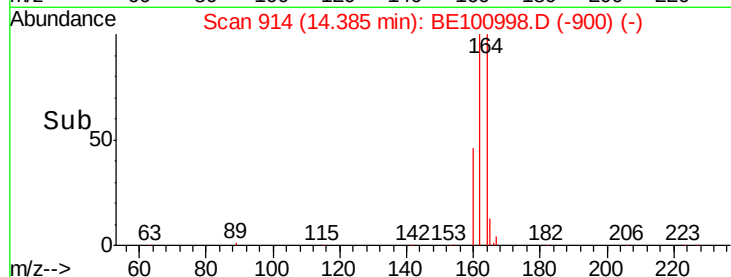
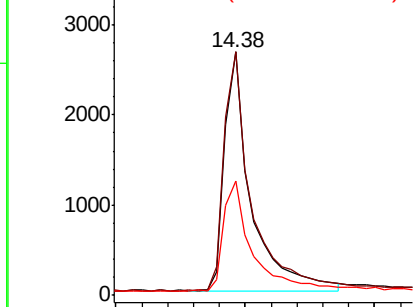
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100998.D
Acq: 27 Dec 2019 18:05

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Tot Ion:164 Resp: 7534
Ion Ratio Lower Upper
164 100
162 100.1 81.6 122.4
160 46.8 37.7 56.5

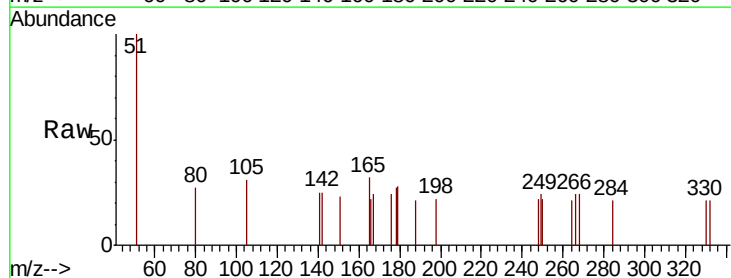


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

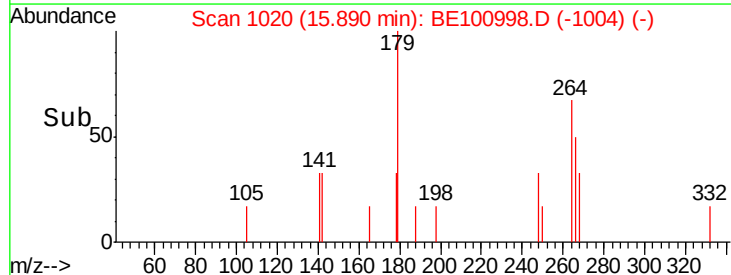
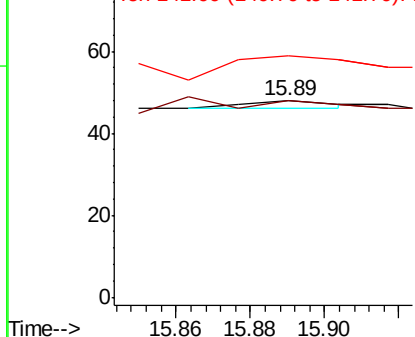


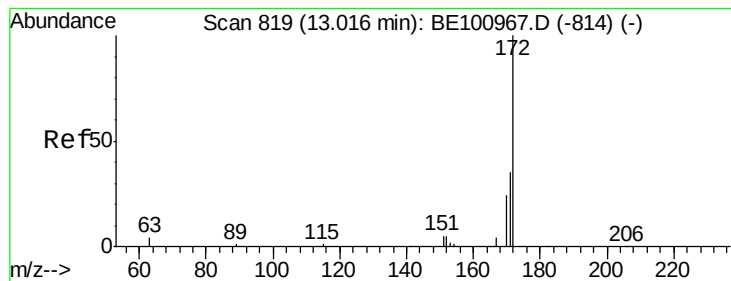
#14
2,4,6-Tribromophenol
Concen: 0.234 ng
RT: 15.89 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BE100998.D
Acq: 27 Dec 2019 18:05

Tgt Ion:330 Resp: 3
Ion Ratio Lower Upper
330 100
332 0.0 72.4 108.6#
141 500.0 25.4 38.2#



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

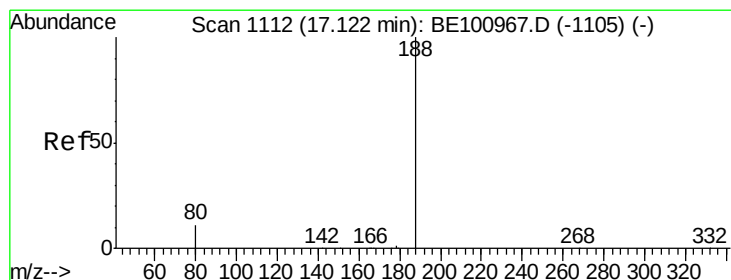
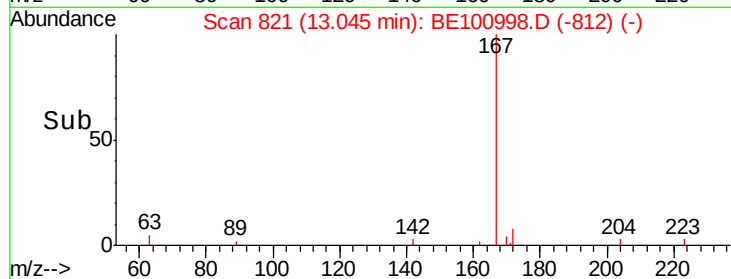
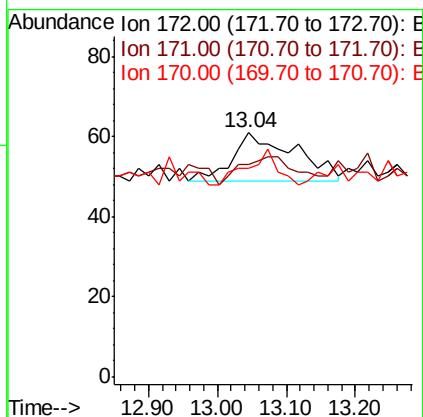
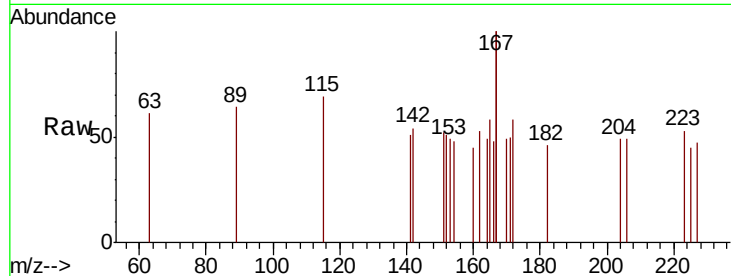




#15
2-Fluorobiphenyl
Concen: 0.003 ng
RT: 13.04 min Scan# 821
Delta R.T. 0.03 min
Lab File: BE100998.D
Acq: 27 Dec 2019 18:05

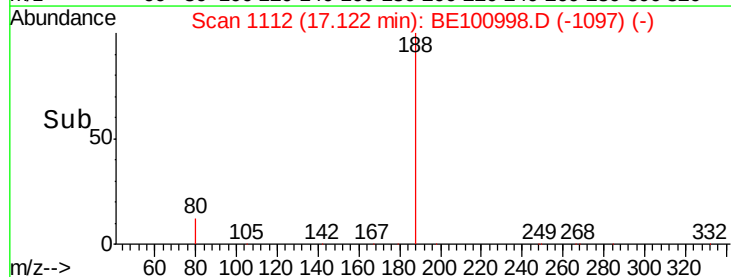
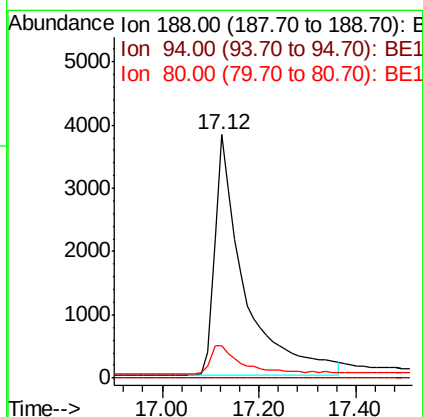
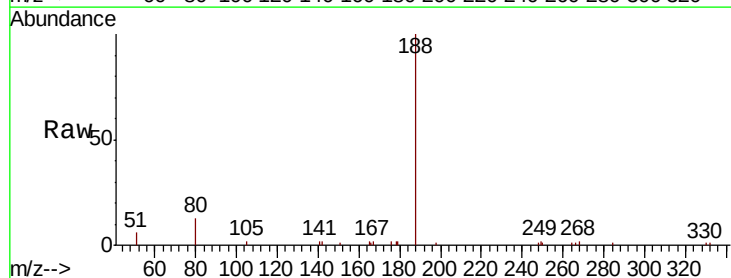
Instrument :
BNA_E
ClientSampleId :
DUP-1DL

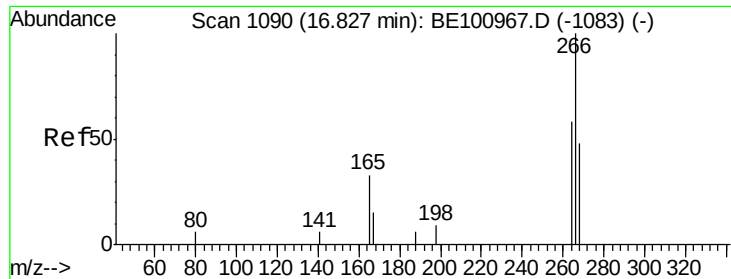
Tot Ion:172 Resp: 74
Ion Ratio Lower Upper
172 100
171 86.9 29.0 43.6#
170 85.2 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100998.D
Acq: 27 Dec 2019 18:05

Tgt Ion:188 Resp: 15937
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 9.7 14.5





#22

Pentachlorophenol

Concen: 0.118 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.03 min

Lab File: BE100998.D

Acq: 27 Dec 2019 18:05

Instrument :

BNA_E

ClientSampleId :

DUP-1DL

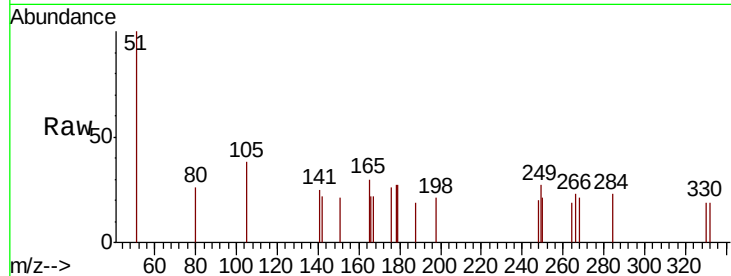
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

266 100

264 84.2 62.3 93.5

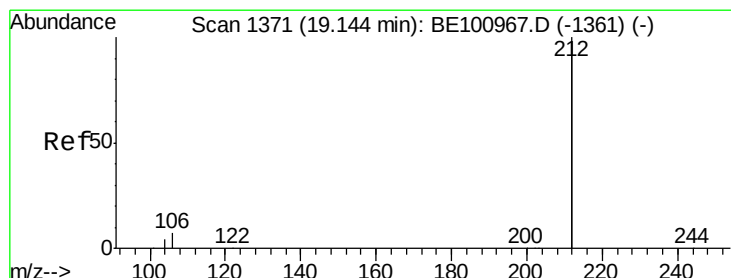
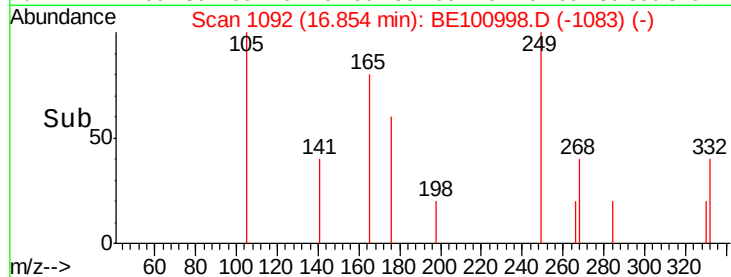
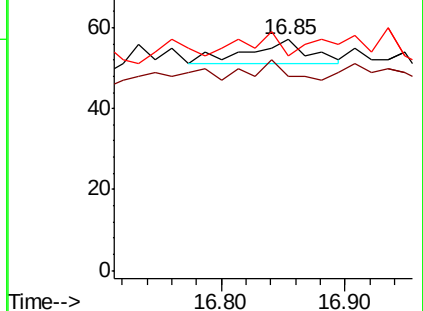
268 93.0 66.1 99.1



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: 0.000 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100998.D

Acq: 27 Dec 2019 18:05

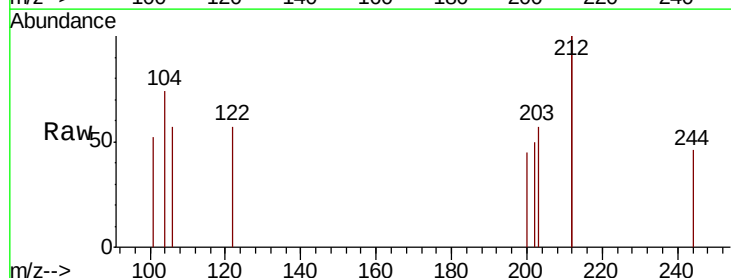
Tgt Ion:212 Resp: 28

Ion Ratio Lower Upper

212 100

106 0.0 2.4 3.6#

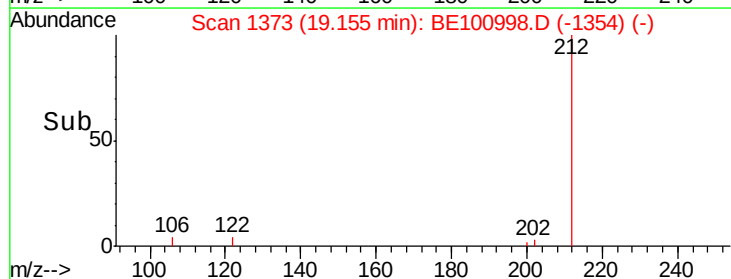
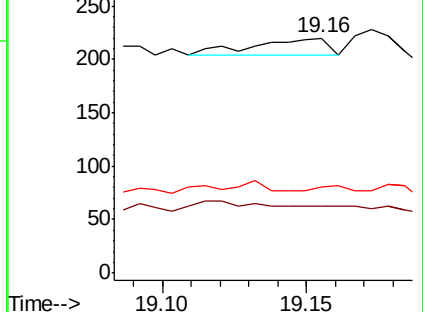
104 14.3 1.4 2.0#

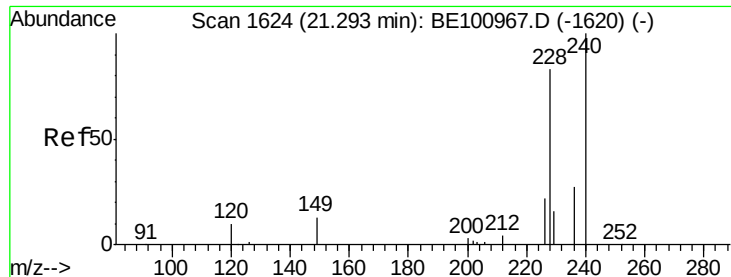


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

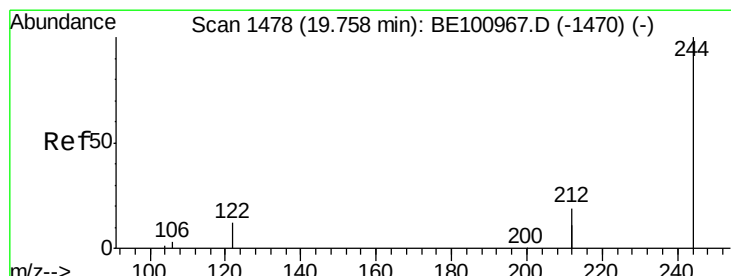
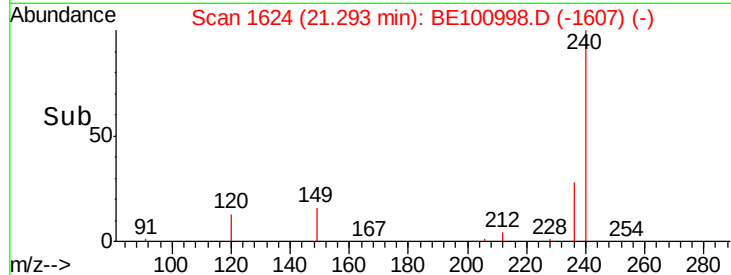
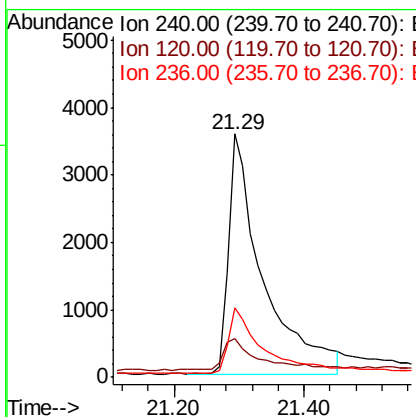
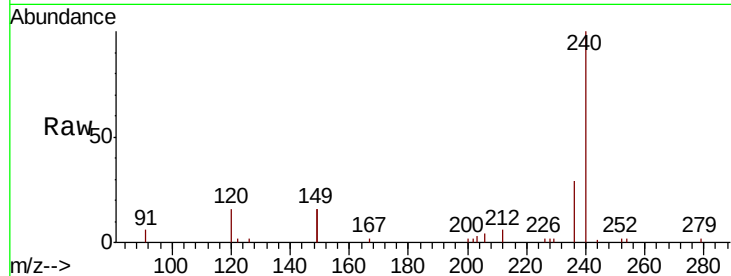




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100998.D
 Acq: 27 Dec 2019 18:05

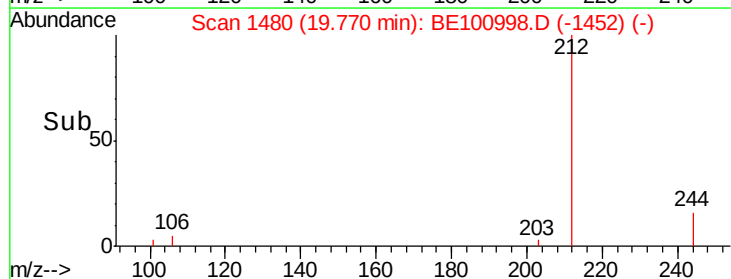
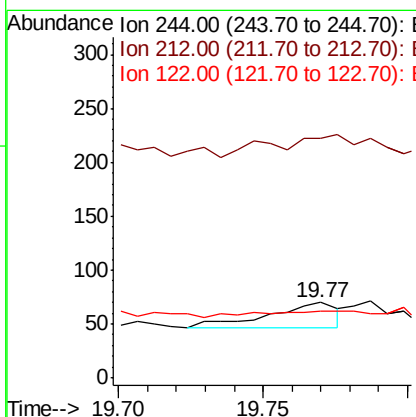
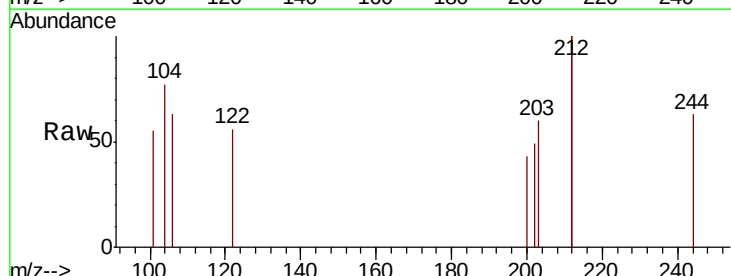
Instrument :
 BNA_E
 ClientSampleId :
 DUP-1DL

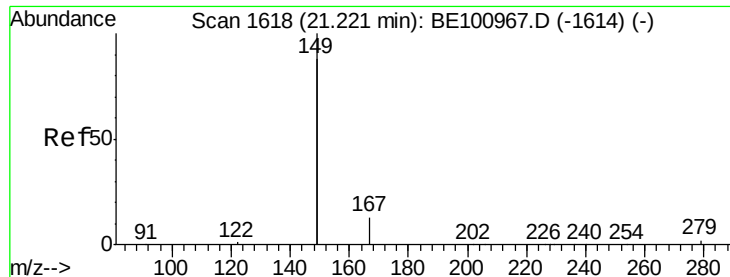
Tot Ion:240	Resp: 13101
Ion Ratio	Lower Upper
240 100	
120 16.0	10.2 15.4#
236 28.8	22.6 34.0



#29
 Terphenyl-d14
 Concen: 0.001 ng
 RT: 19.77 min Scan# 1480
 Delta R.T. 0.01 min
 Lab File: BE100998.D
 Acq: 27 Dec 2019 18:05

Tgt Ion:244	Resp:	38	
Ion Ratio	Lower	Upper	
244 100			
212 317.1	29.3	43.9#	
122 88.6	10.2	15.4#	

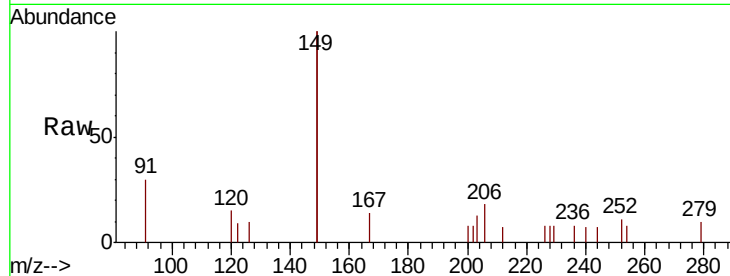




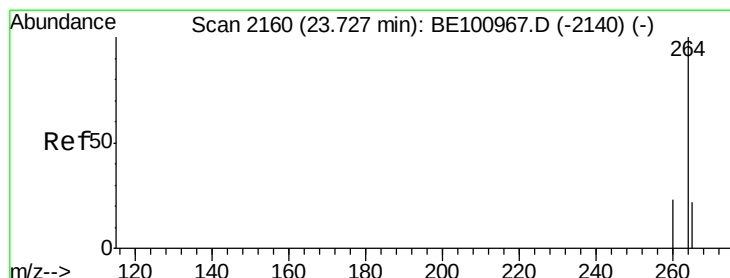
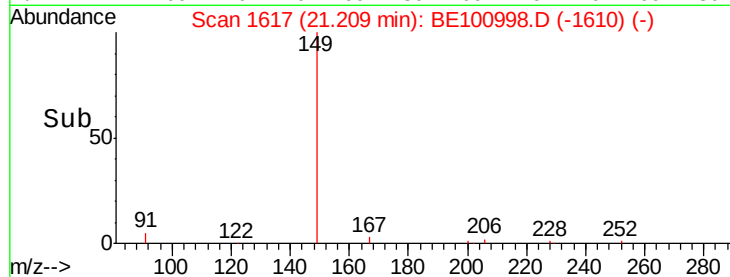
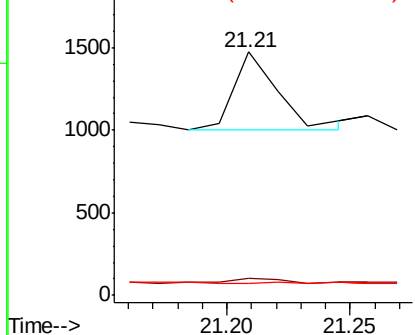
#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100998.D
 Acq: 27 Dec 2019 18:05

Instrument :
 BNA_E
 ClientSampleId :
 DUP-1DL

Tot Ion:149 Resp: 592
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.1 7.7
 279 5.1 0.6 1.0#

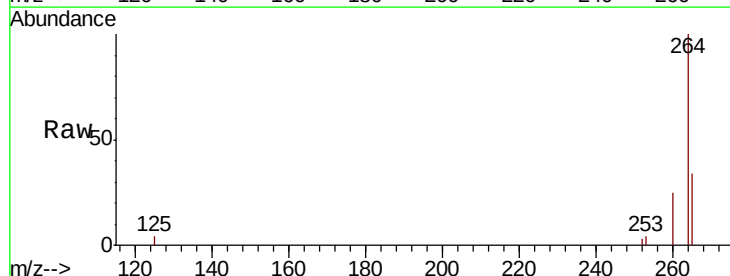


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BE100998.D
 Acq: 27 Dec 2019 18:05

Tgt Ion:264 Resp: 14791
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.1 28.7
 265 34.2 26.6 40.0



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

