

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100887.D
 Acq On : 13 Dec 2019 15:15
 Operator : JU
 Sample : K6185-11DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 13 17:28:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

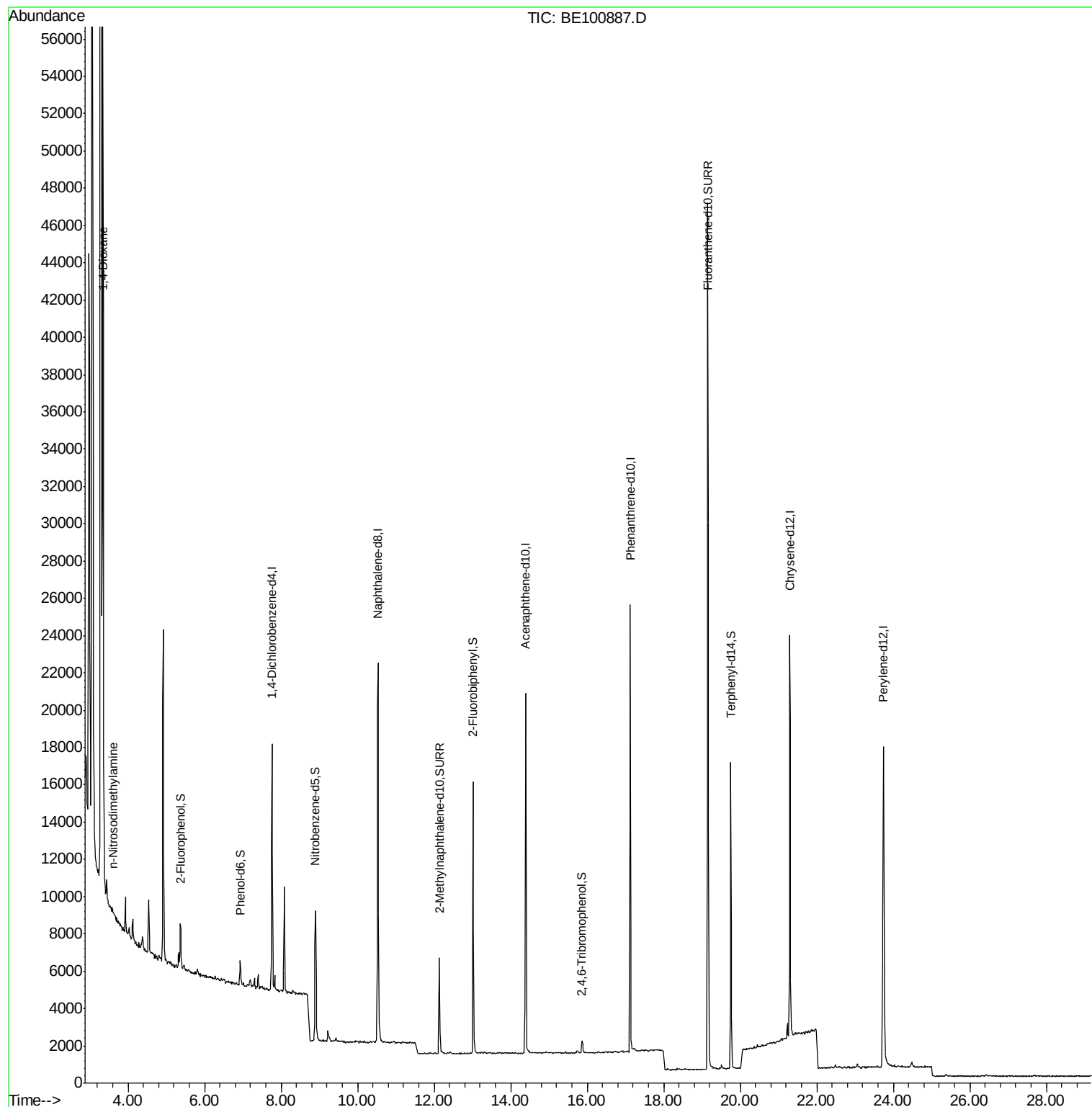
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5766	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	25062	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	13042	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31608	0.40	ng	0.00
27) Chrysene-d12	21.29	240	23562	0.40	ng	-0.01
34) Perylene-d12	23.74	264	27174	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1361	0.10	ng	0.00
5) Phenol-d6	6.93	99	1200	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	3122	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7363	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	397	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	12949	0.25	ng	0.00
25) Fluoranthene-d10	19.15	212	64898	0.17	ng	0.00
29) Terphenyl-d14	19.75	244	13530	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	35581	3.385	ng	# 88
3) n-Nitrosodimethylamine	3.60	42	238	0.028	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.23	149	1179	Below Cal		# 92

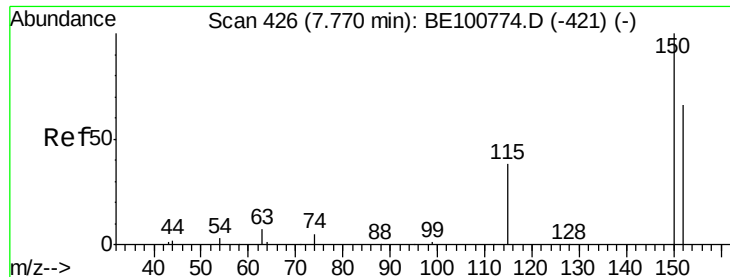
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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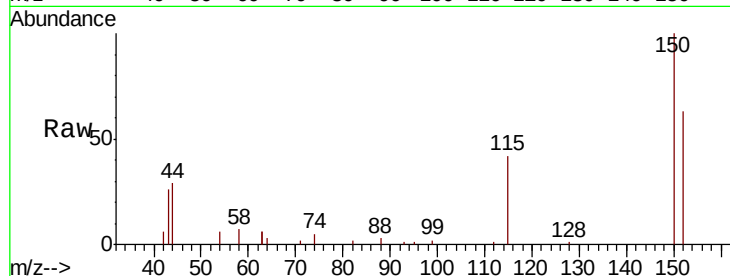


#1

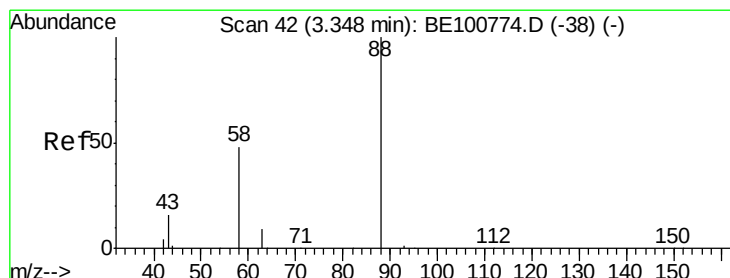
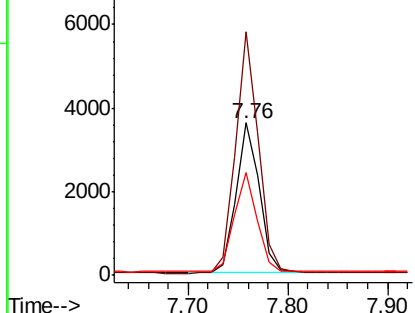
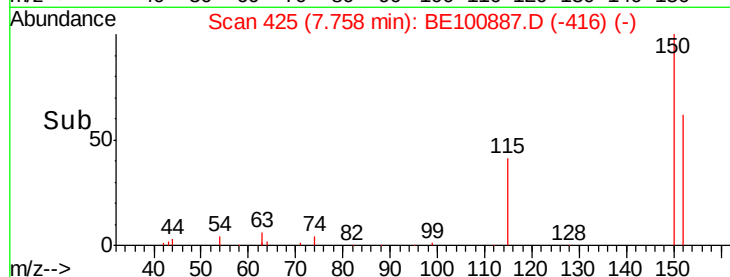
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100887.D
Acq: 13 Dec 2019 15:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5766
Ion Ratio Lower Upper
152 100
150 160.0 125.5 188.3
115 67.9 55.7 83.5



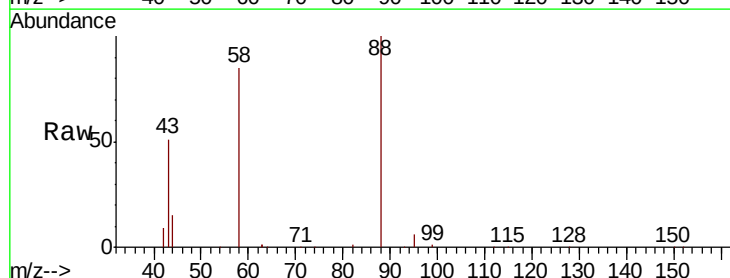
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



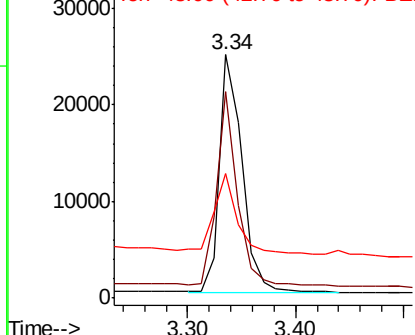
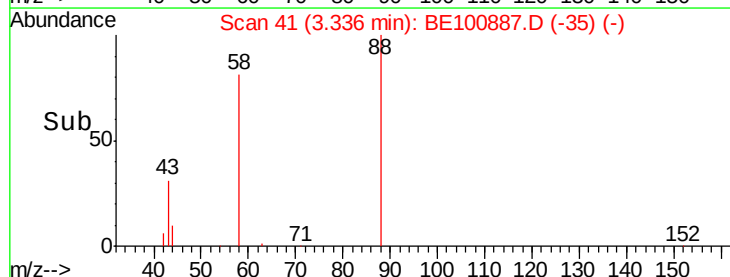
#2

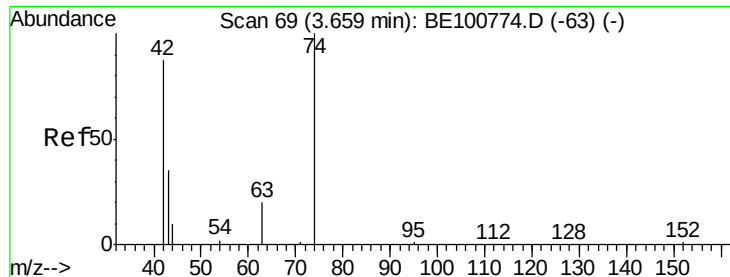
1,4-Dioxane
Concen: 3.385 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100887.D
Acq: 13 Dec 2019 15:15

Tgt Ion: 88 Resp: 35581
Ion Ratio Lower Upper
88 100
58 75.4 52.3 78.5
43 35.5 23.5 35.3#



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



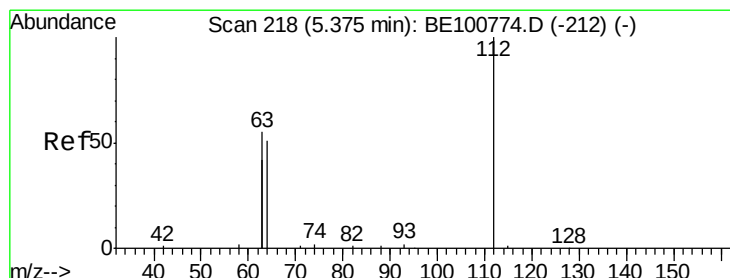
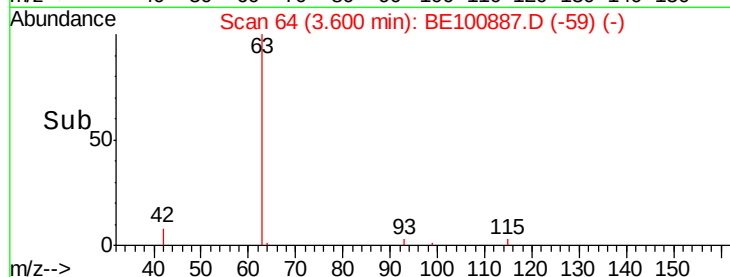
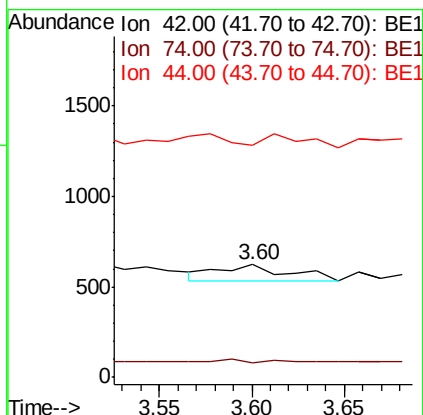
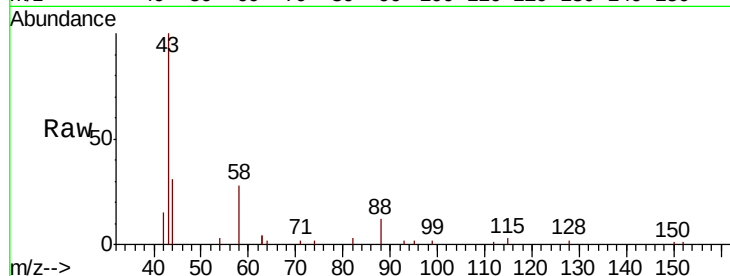


#3

n-Nitrosodimethylamine
 Concen: 0.028 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.05 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

Instrument :
 BNA_E
 ClientSampleId :

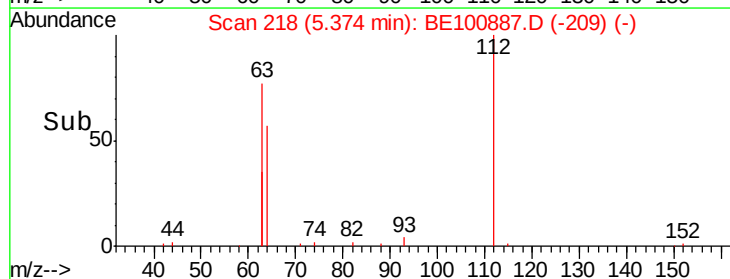
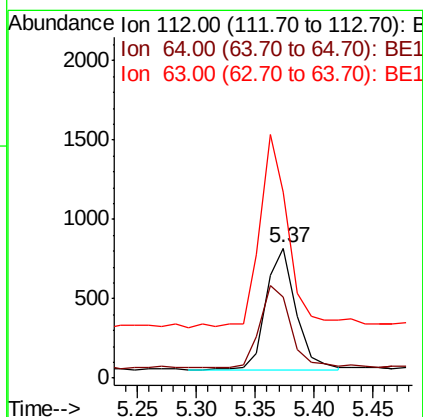
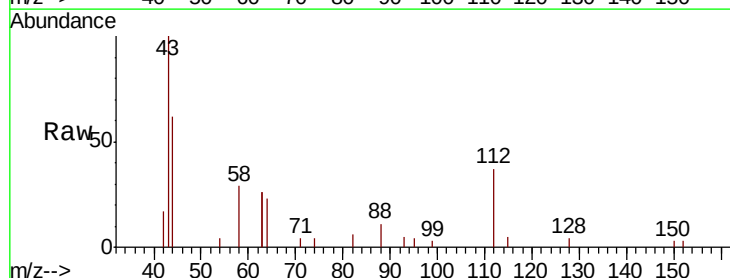
Tot Ion: 42 Resp: 238
 Ion Ratio Lower Upper
 42 100
 74 0.0 90.3 135.5#
 44 45.0 9.0 13.4#

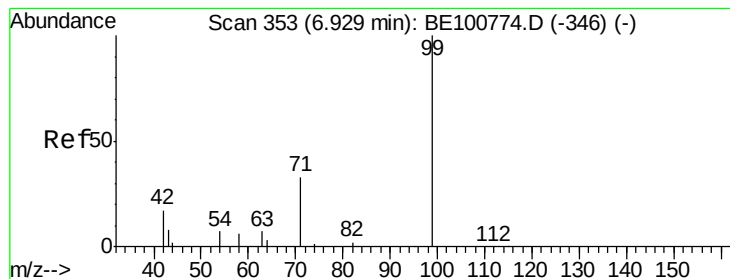


#4

2-Fluorophenol
 Concen: 0.099 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

Tgt Ion: 112 Resp: 1361
 Ion Ratio Lower Upper
 112 100
 64 68.0 54.5 81.7
 63 150.7 116.1 174.1





#5

Phenol-d6

Concen: 0.058 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampled :

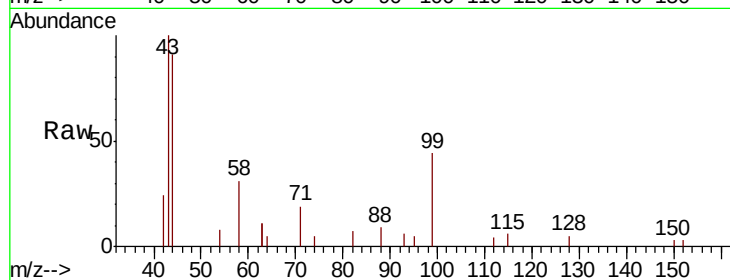
Tot Ion: 99 Resp: 1200

Ion Ratio Lower Upper

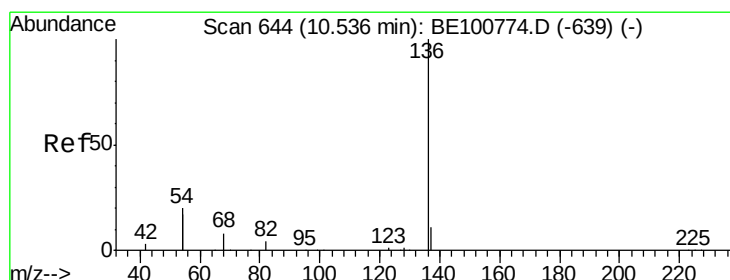
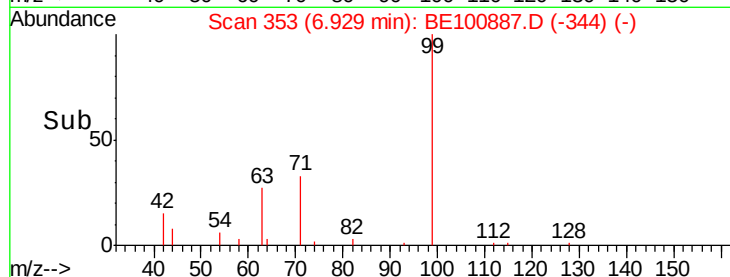
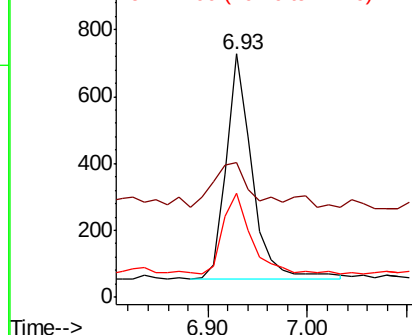
99 100

42 28.2 18.2 27.2#

71 39.3 29.1 43.7



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Tgt Ion: 136 Resp: 25062

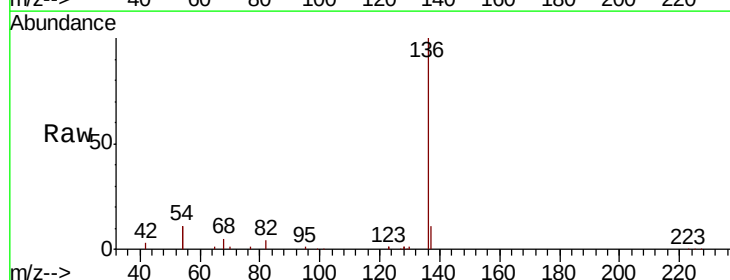
Ion Ratio Lower Upper

136 100

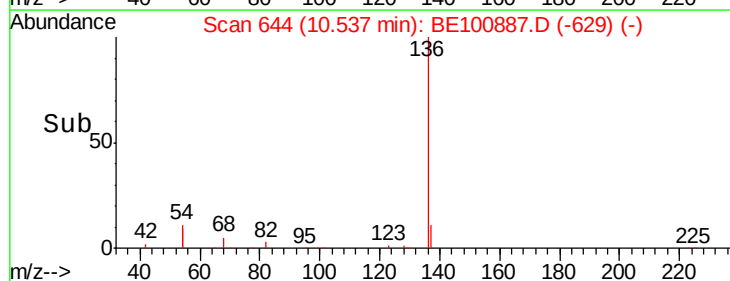
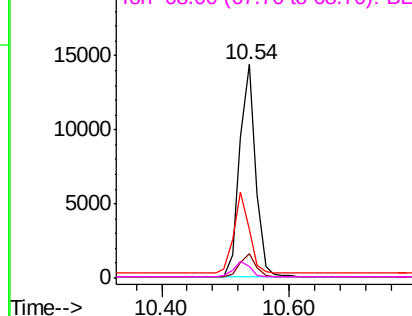
137 11.2 9.1 13.7

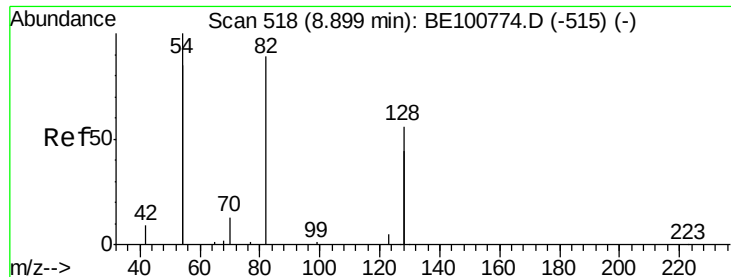
54 22.8 18.9 28.3

68 5.4 4.6 6.8



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): BE1
Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.262 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

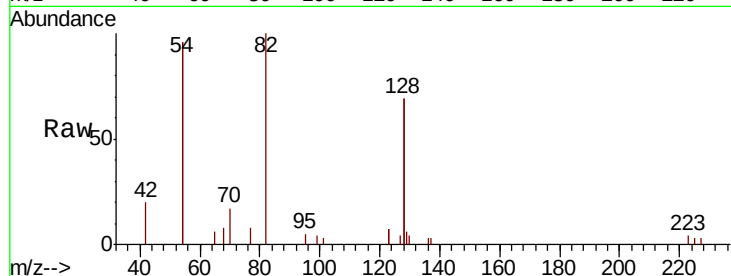
Tot Ion: 82 Resp: 3122

Ion Ratio Lower Upper

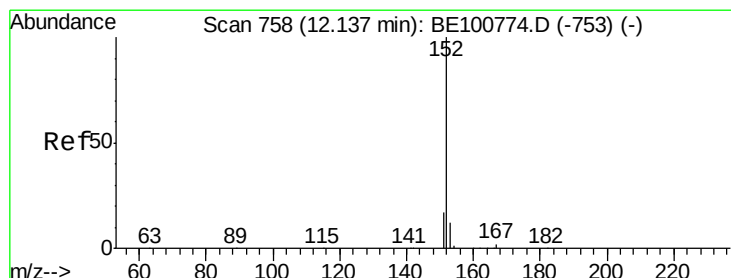
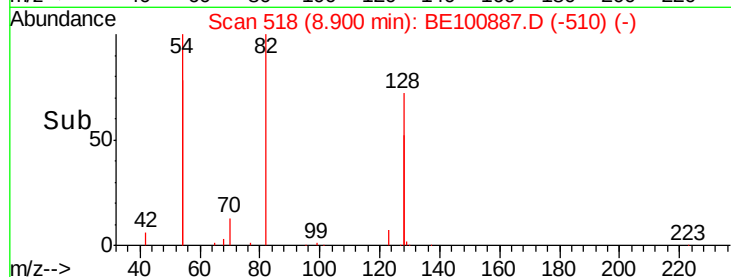
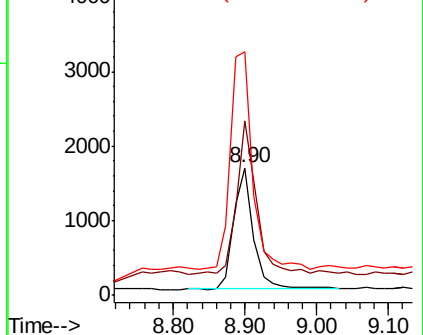
82 100

128 137.4 113.5 170.3

54 191.5 138.9 208.3



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: 0.203 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100887.D

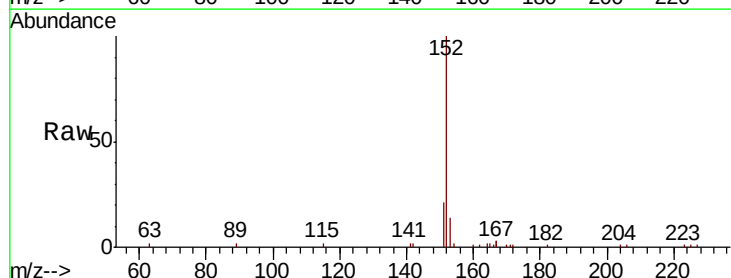
Acq: 13 Dec 2019 15:15

Tgt Ion: 152 Resp: 7363

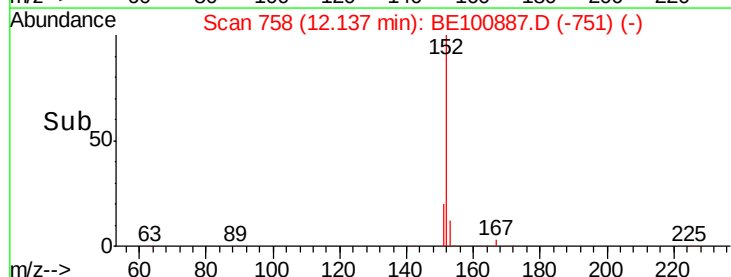
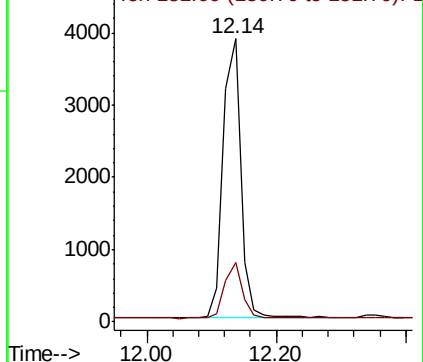
Ion Ratio Lower Upper

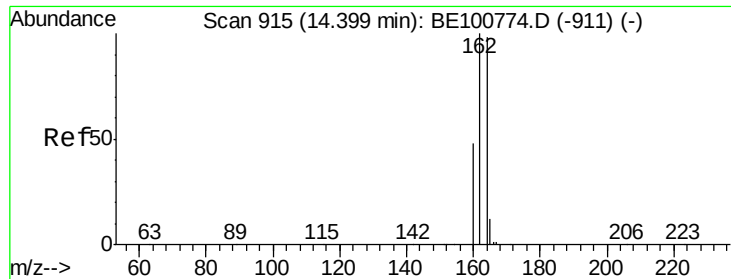
152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1
Ion 151.00 (150.70 to 151.70): BE1

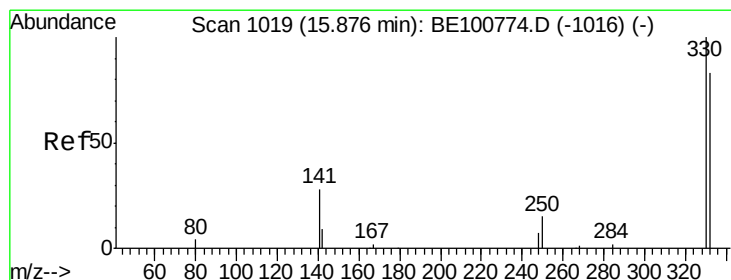
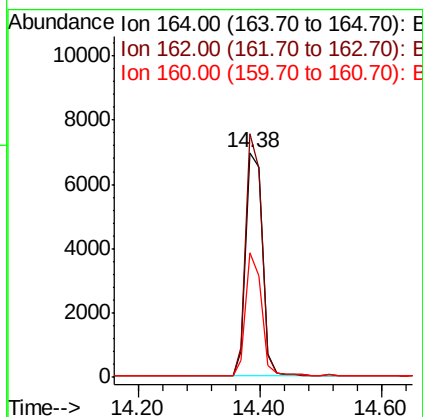
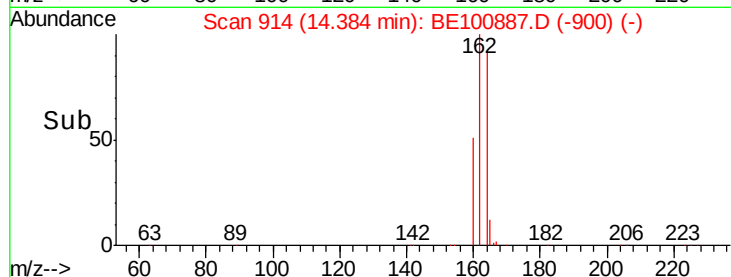
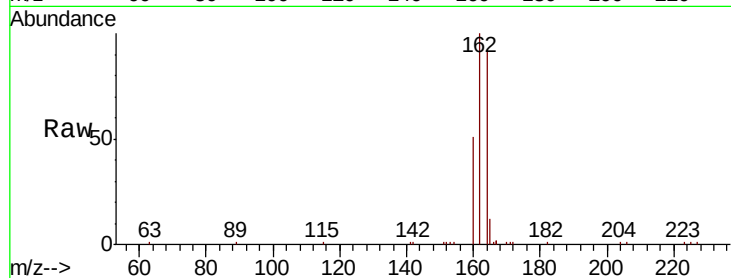




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

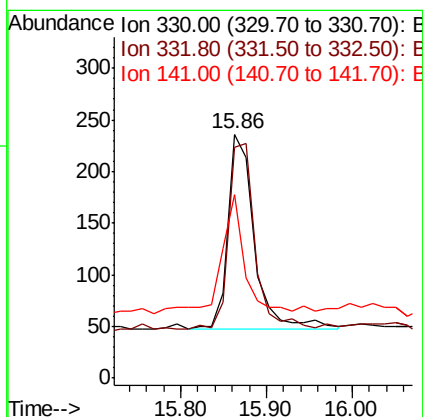
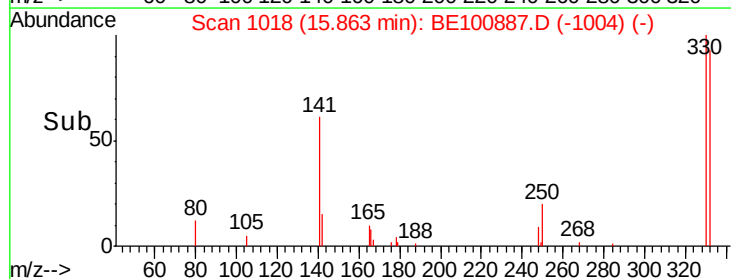
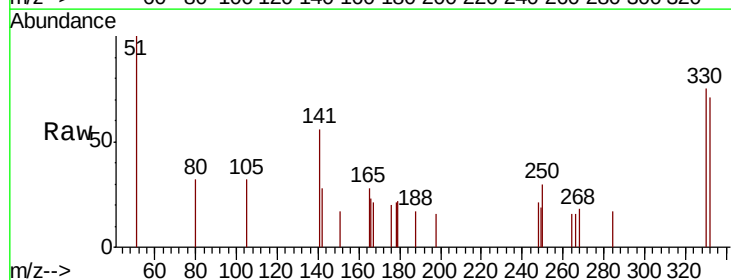
Instrument :
 BNA_E
 ClientSampleId :

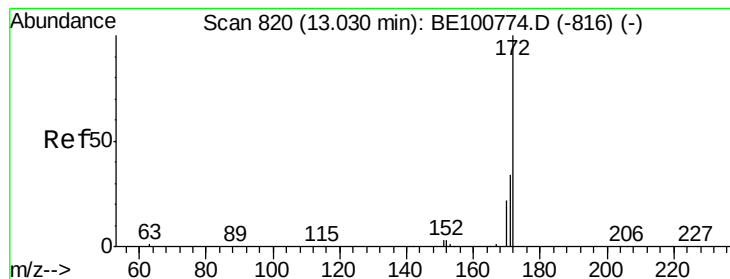
Tot Ion:164 Resp: 13042
 Ion Ratio Lower Upper
 164 100
 162 108.4 86.0 129.0
 160 55.7 42.3 63.5



#14
 2,4,6-Tribromophenol
 Concen: 0.274 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

Tgt Ion:330 Resp: 397
 Ion Ratio Lower Upper
 330 100
 332 97.7 74.1 111.1
 141 53.1 46.7 70.1

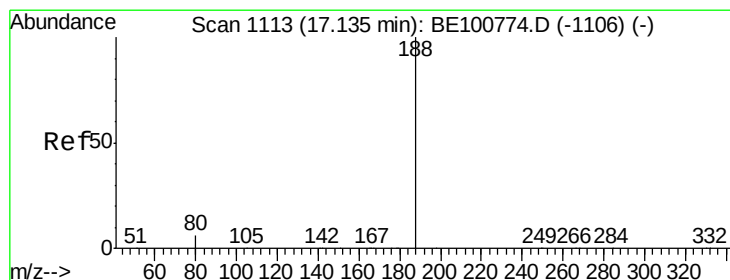
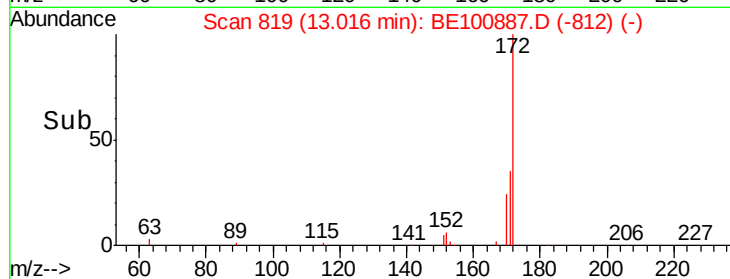
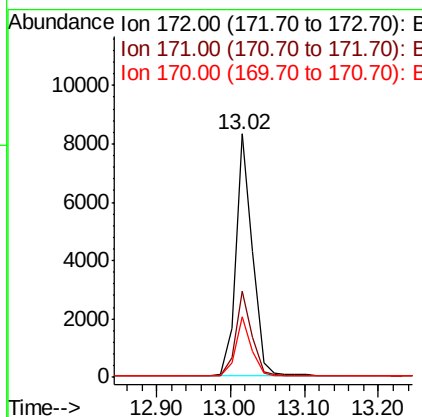
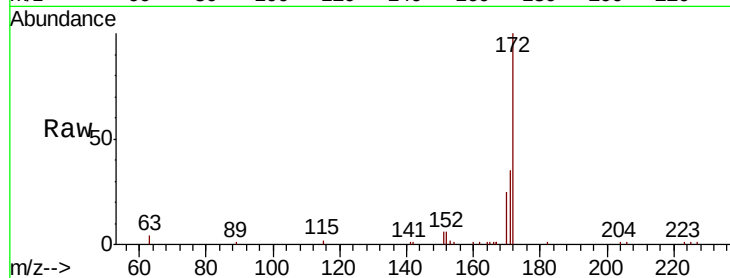




#15
 2-Fluorobiphenyl
 Concen: 0.250 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

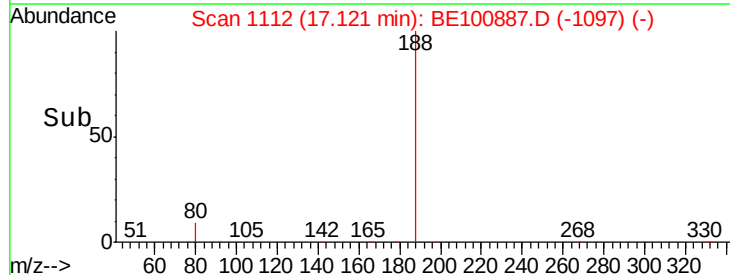
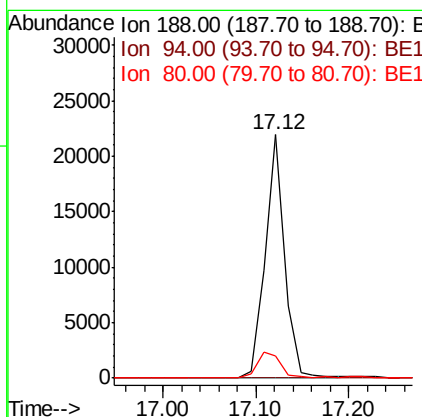
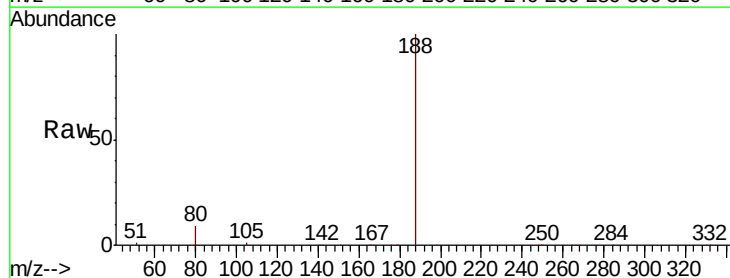
Instrument :
 BNA_E
 ClientSampleId :

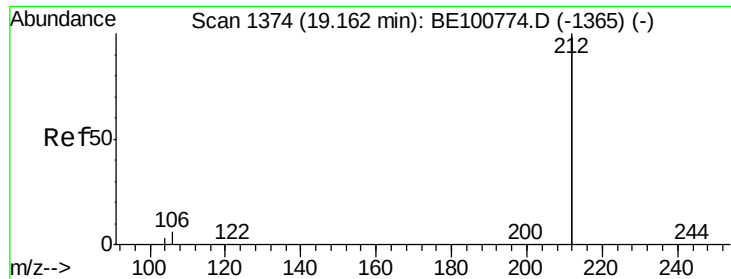
Tot Ion:172 Resp: 12949
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 24.7 19.4 29.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.12 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

Tgt Ion:188 Resp: 31608
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.3 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.174 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

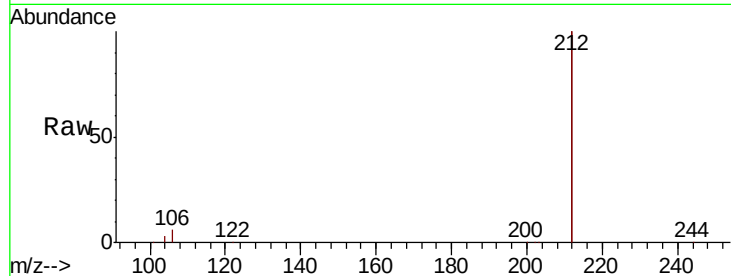
Tot Ion:212 Resp: 64898

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

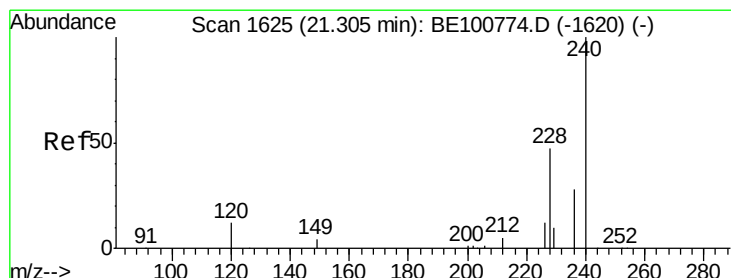
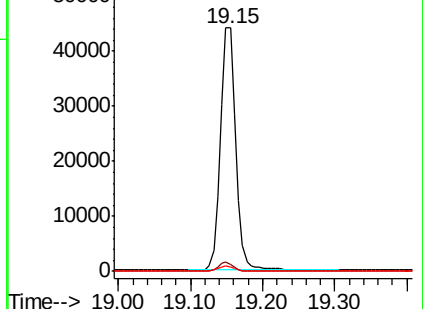
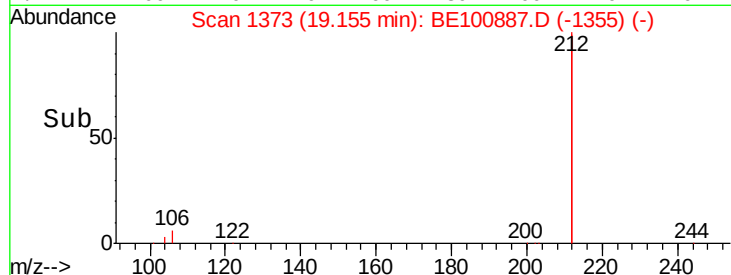
104 1.9 1.4 2.2



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. -0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

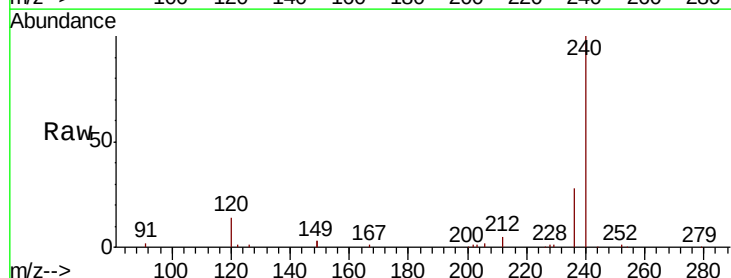
Tgt Ion:240 Resp: 23562

Ion Ratio Lower Upper

240 100

120 14.4 4.0 6.0#

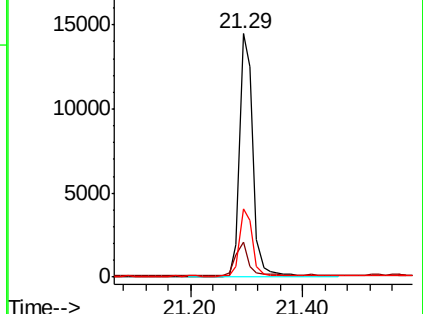
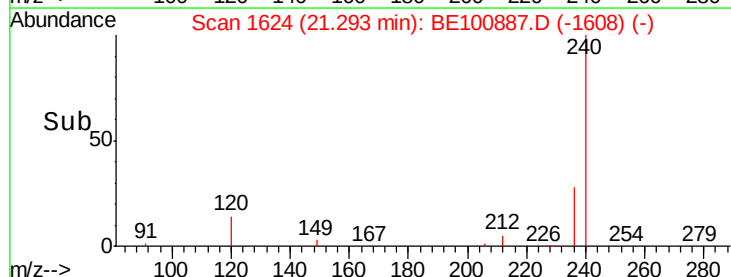
236 28.1 21.6 32.4

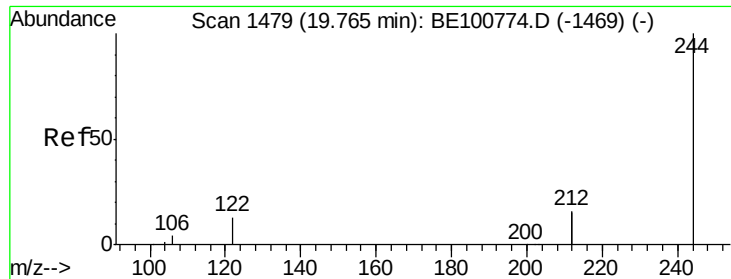


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.240 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

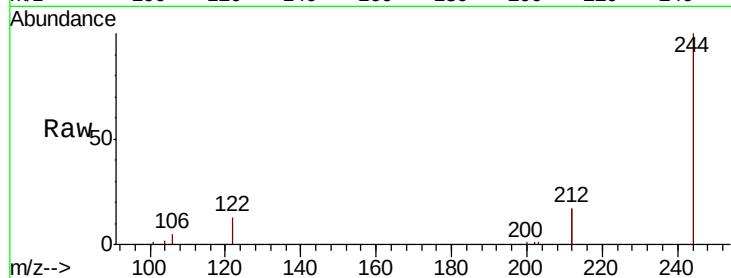
Tot Ion:244 Resp: 13530

Ion Ratio Lower Upper

244 100

212 34.1 25.2 37.8

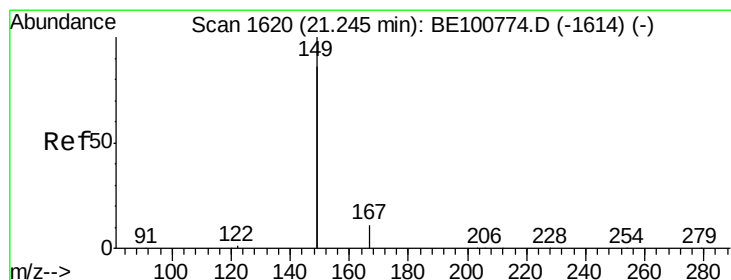
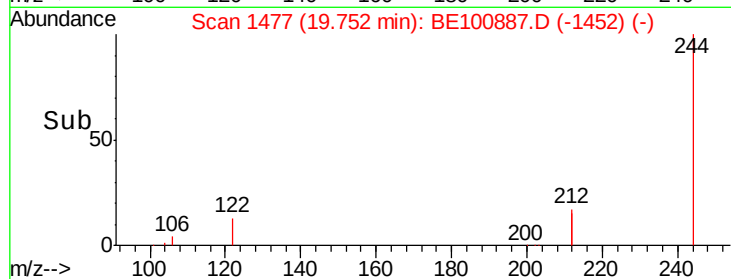
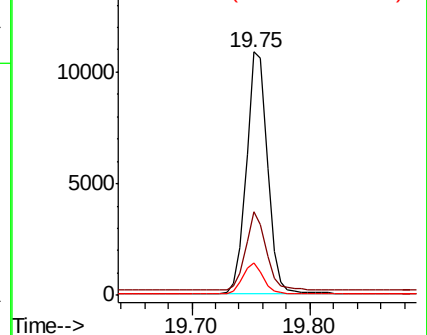
122 13.4 8.9 13.3#



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: Below Cal

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

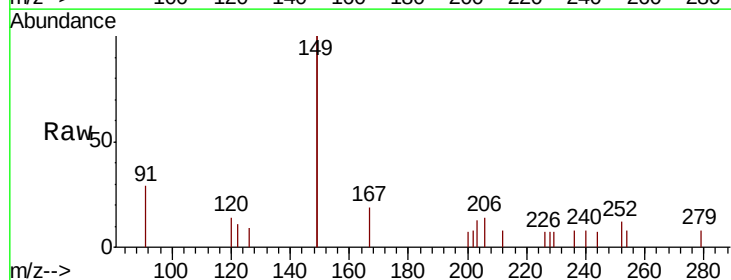
Tgt Ion:149 Resp: 1179

Ion Ratio Lower Upper

149 100

167 9.0 5.0 7.4#

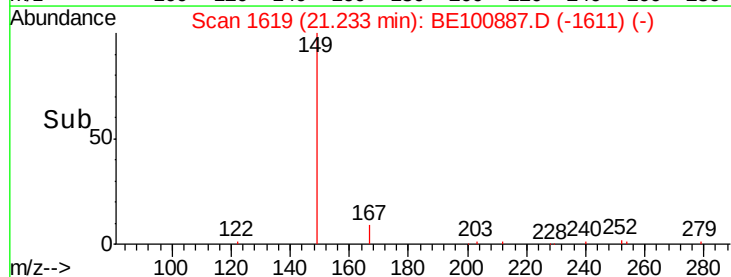
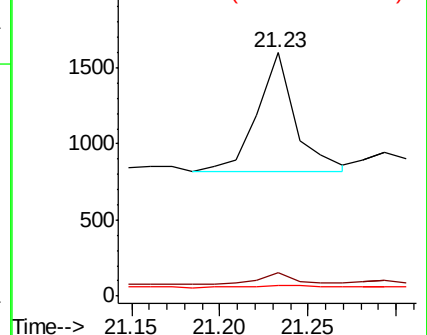
279 2.8 0.6 1.0#

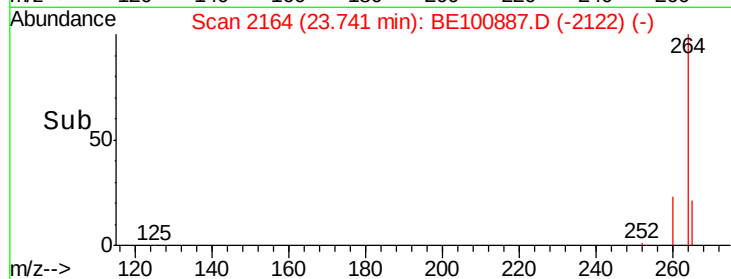
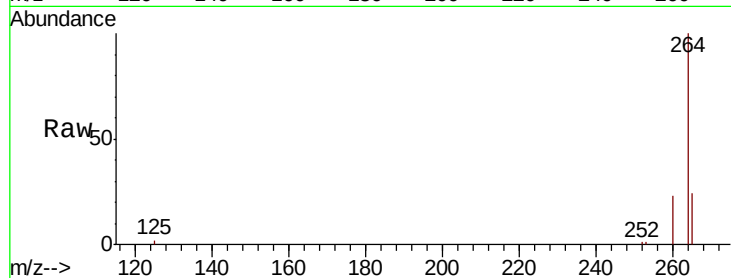
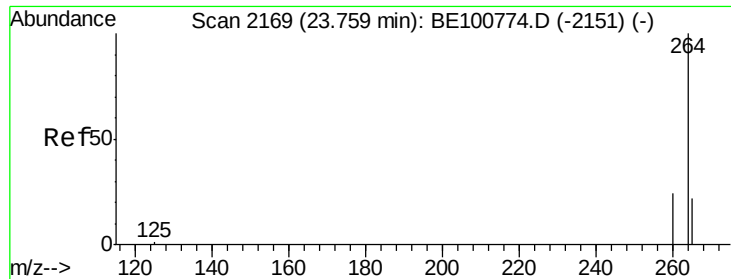


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BE100887.D
 Acq: 13 Dec 2019 15:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 27174
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 24.3 20.1 30.1

