

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101010.D
 Acq On : 9 Jan 2020 13:51
 Operator : JU
 Sample : PB125980BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 09 18:06:26 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

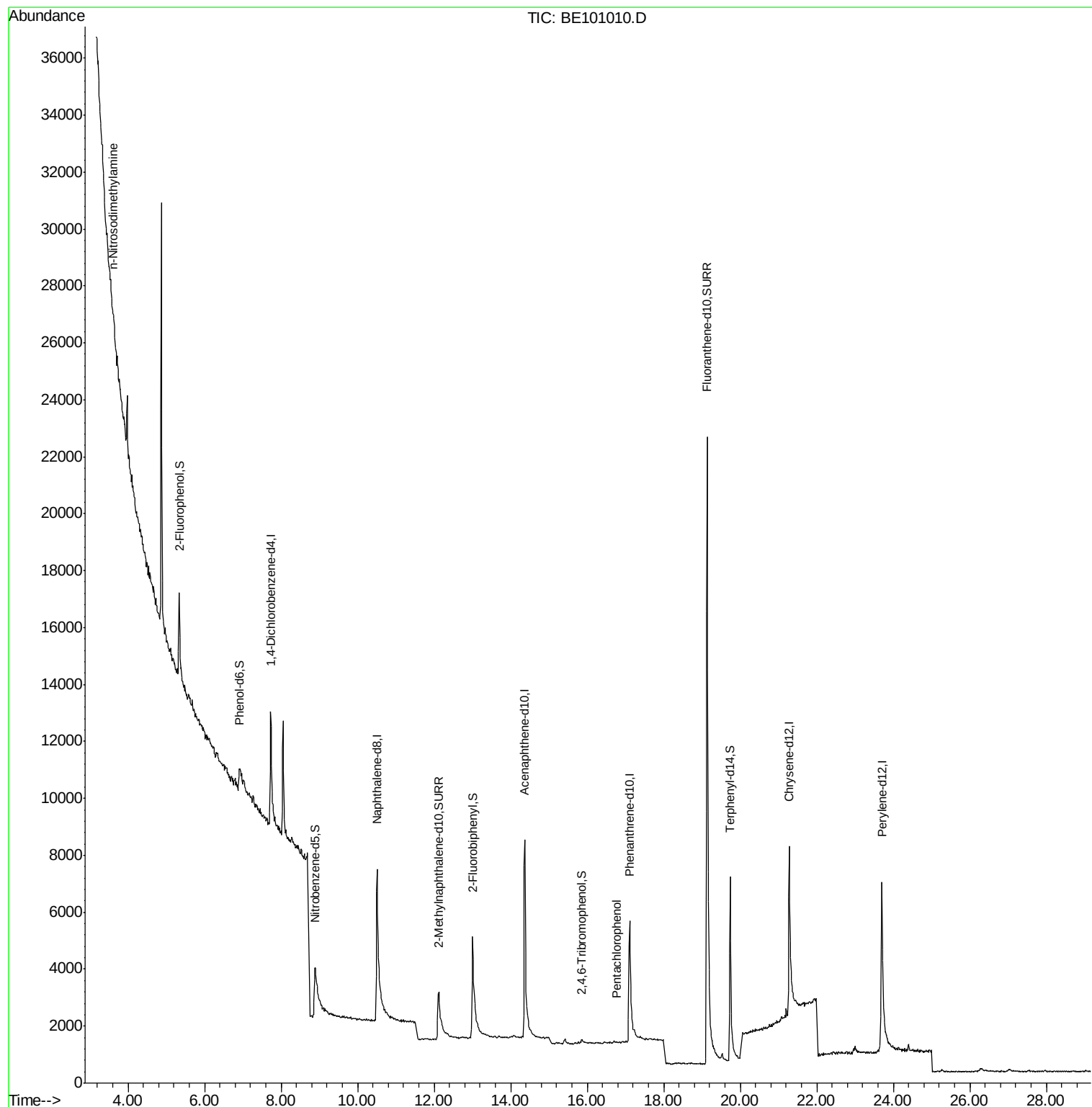
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3169	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12114	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6953	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13963	0.40	ng	0.01
27) Chrysene-d12	21.28	240	12866	0.40	ng	0.00
34) Perylene-d12	23.70	264	15148	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2208	0.31	ng	0.00
5) Phenol-d6	6.92	99	2317	0.26	ng	0.00
8) Nitrobenzene-d5	8.89	82	2203	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	6894	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	174	0.09	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	9275	0.35	ng	0.00
25) Fluoranthene-d10	19.13	212	58479	0.30	ng	0.00
29) Terphenyl-d14	19.74	244	10433	0.33	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.60	42	227	0.052	ng	# 64
22) Pentachlorophenol	16.76	266	8	0.253	ng	# 72

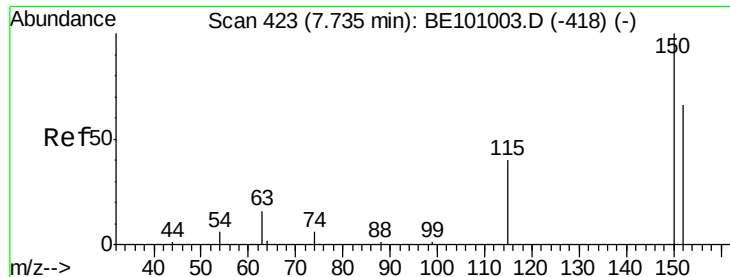
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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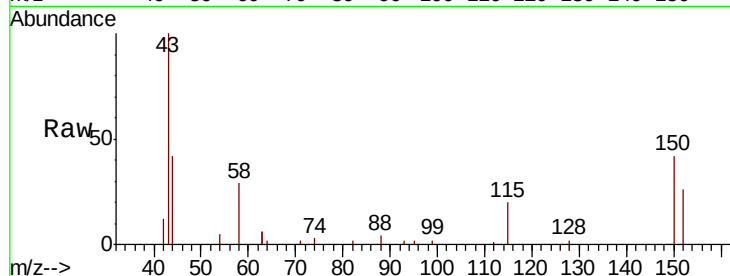


#1

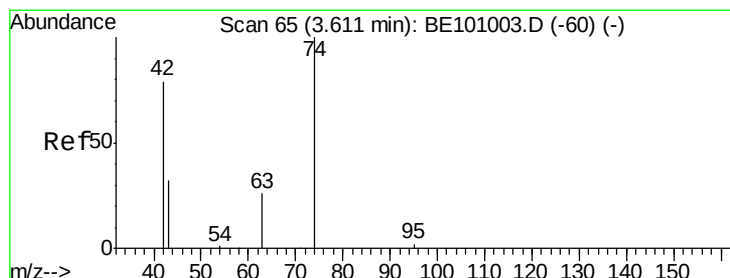
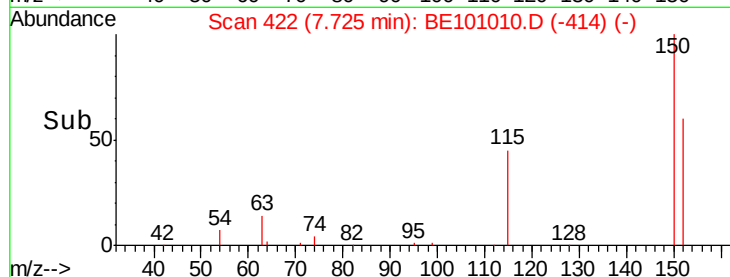
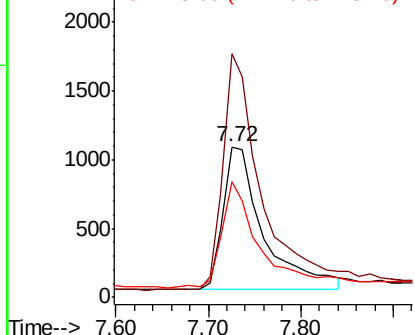
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101010.D
Acq: 9 Jan 2020 13:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3169
Ion Ratio Lower Upper
152 100
150 161.7 120.3 180.5
115 77.1 51.7 77.5



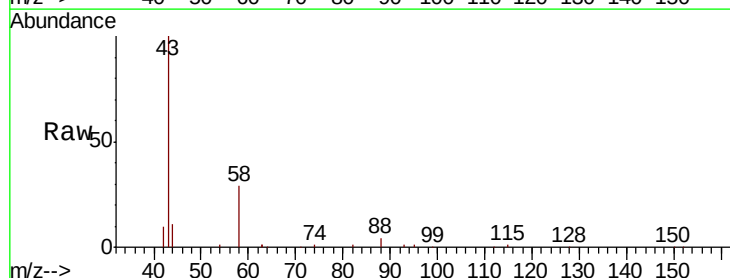
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



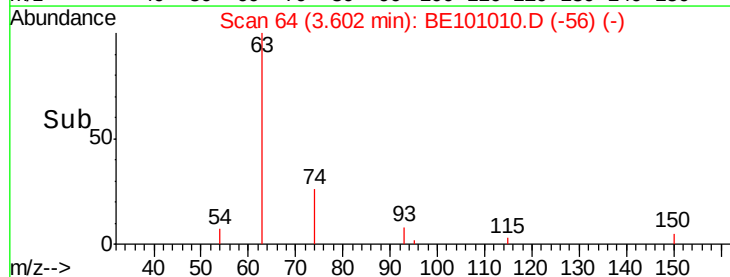
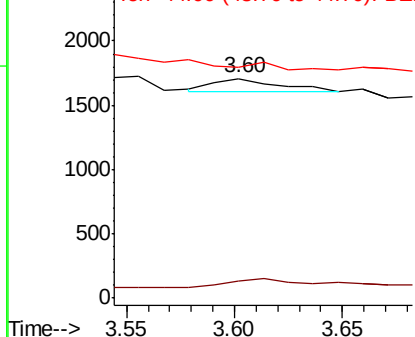
#3

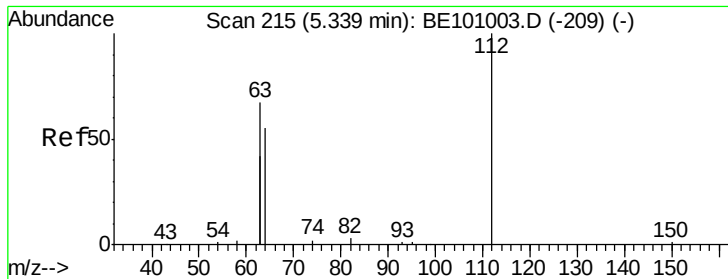
n-Nitrosodimethylamine
Concen: 0.052 ng
RT: 3.60 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE101010.D
Acq: 9 Jan 2020 13:51

Tgt Ion: 42 Resp: 227
Ion Ratio Lower Upper
42 100
74 89.4 105.7 158.5#
44 0.0 10.0 15.0#



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: 0.310 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101010.D

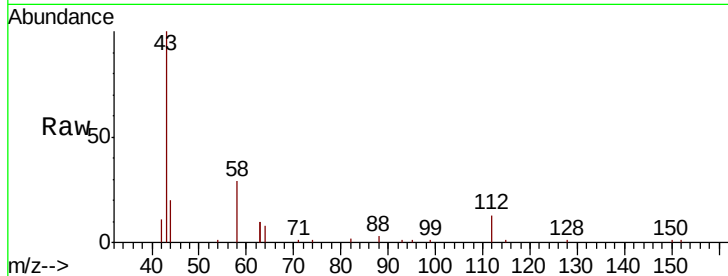
Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

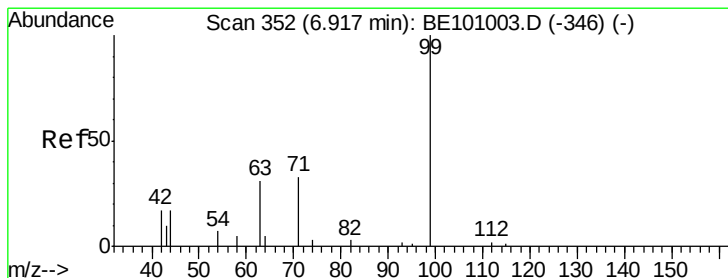
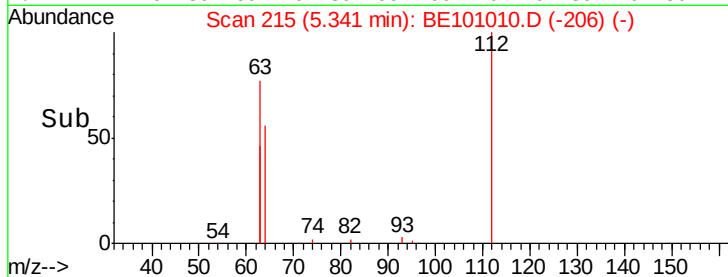
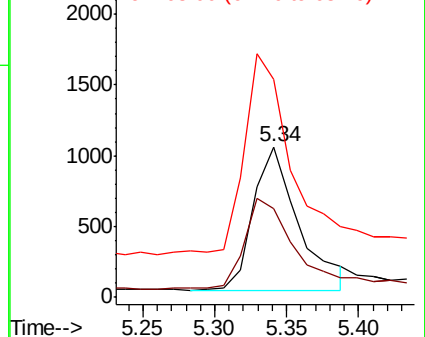
Tot Ion:	112	Resp:	2208
Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.6	80.4
63	149.0	114.6	172.0



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: 0.257 ng

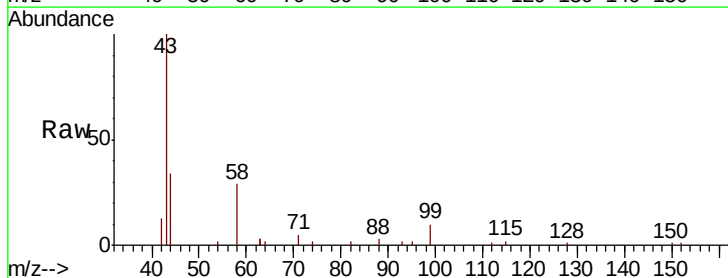
RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101010.D

Acq: 9 Jan 2020 13:51

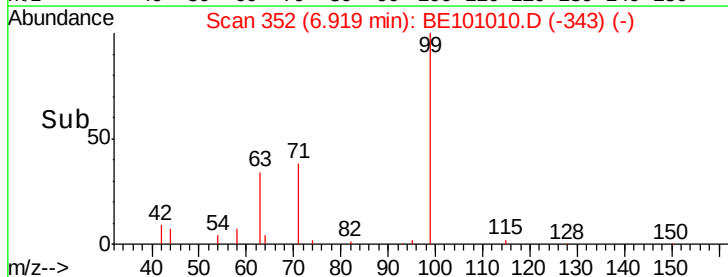
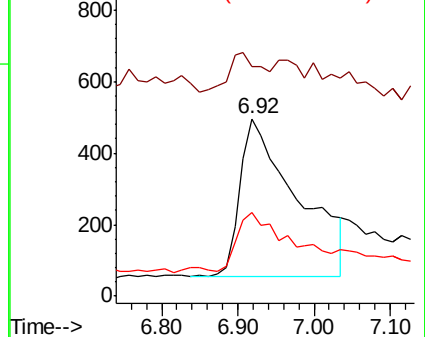
Tgt Ion:	99	Resp:	2317
Ion	Ratio	Lower	Upper
99	100		
42	13.9	18.3	27.5#
71	34.9	28.0	42.0

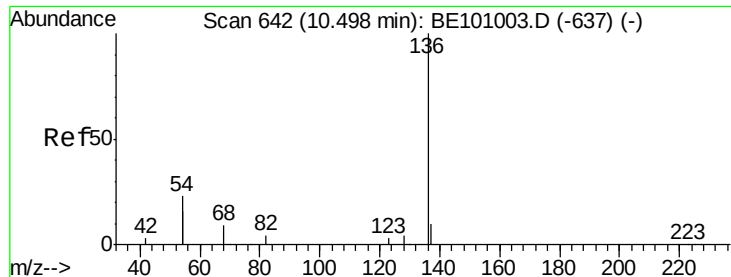


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101010.D

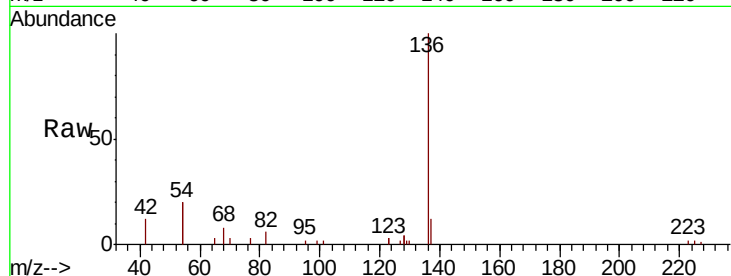
Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	12114
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.3 13.9
54	41.0	36.8 55.2
68	8.2	8.4 12.6#

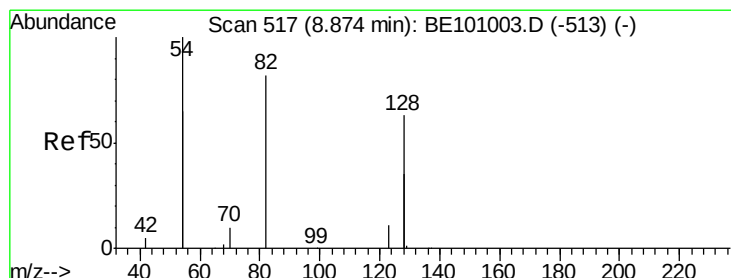
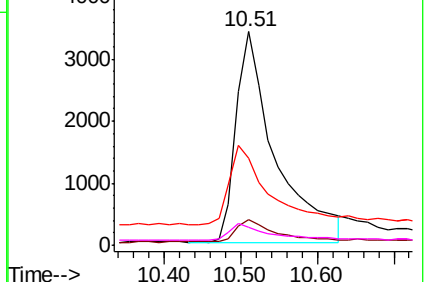
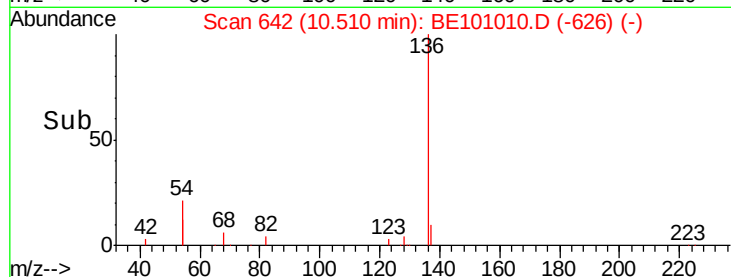


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.254 ng

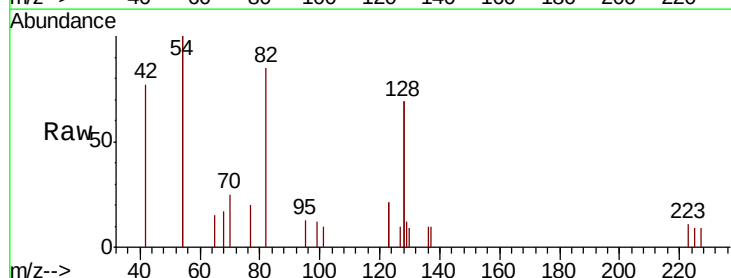
RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101010.D

Acq: 9 Jan 2020 13:51

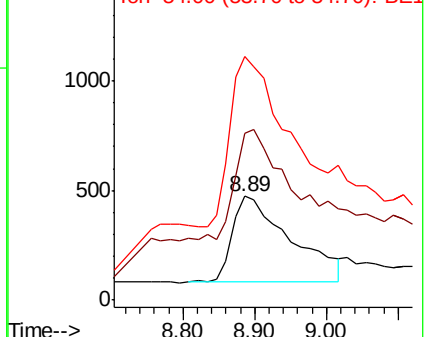
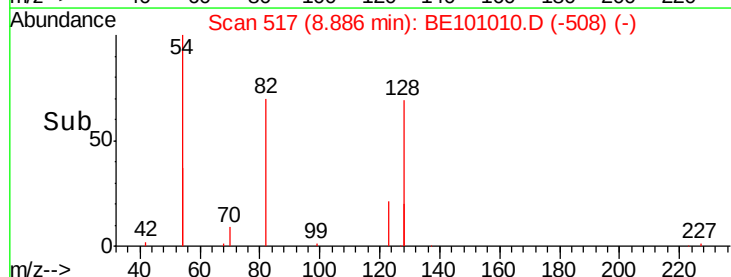
Tgt Ion: 82	Resp:	2203
Ion Ratio	Lower	Upper
82	100	
128	161.1	109.8 164.6
54	234.7	174.5 261.7

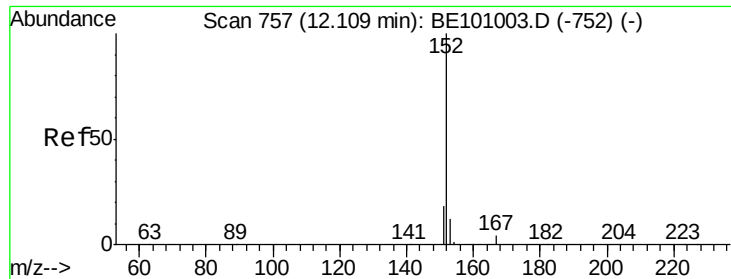


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

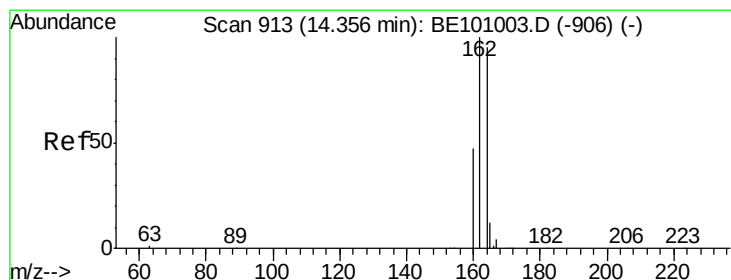
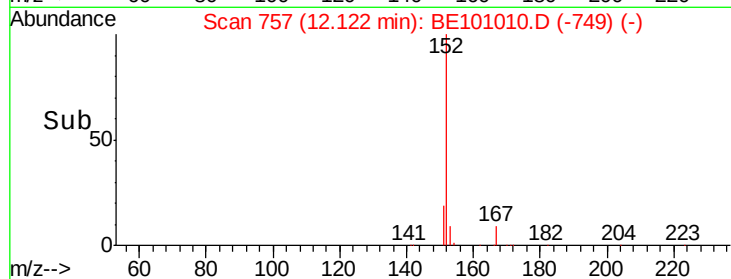
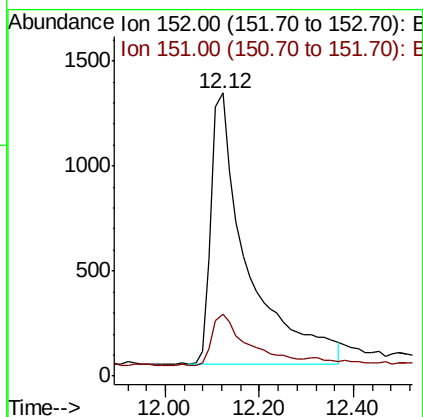
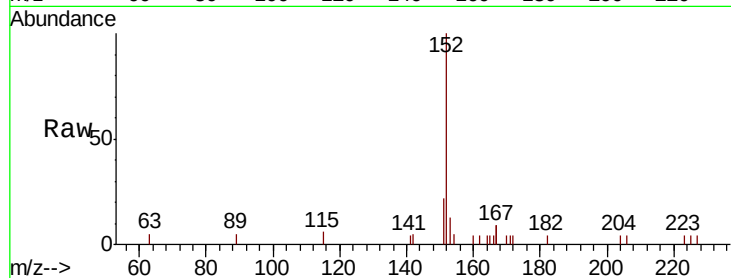




#11
 2-Methylnaphthalene-d10
 Concen: 0.298 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BE101010.D
 Acq: 9 Jan 2020 13:51

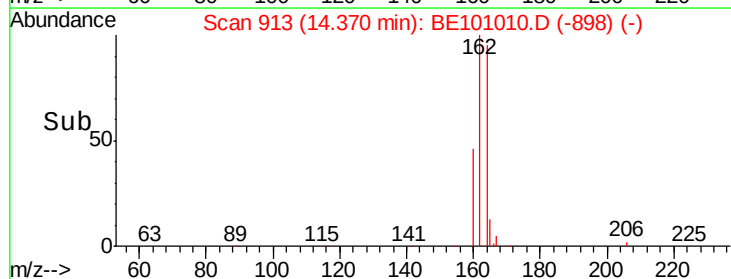
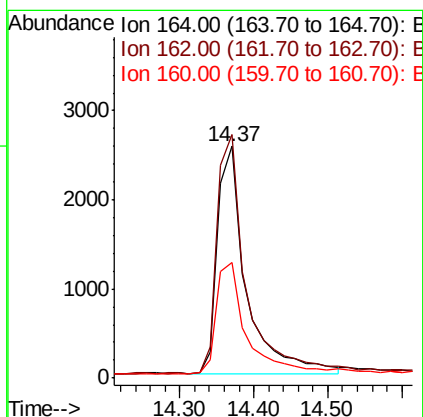
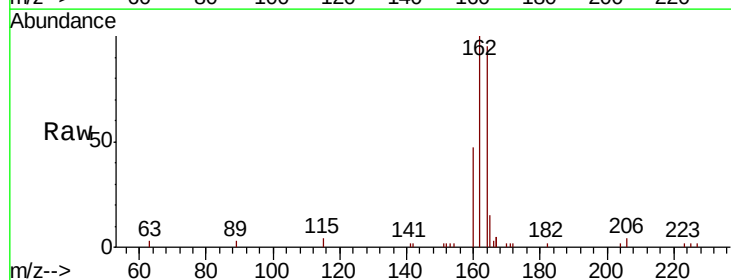
Instrument :
 BNA_E
 ClientSampled :

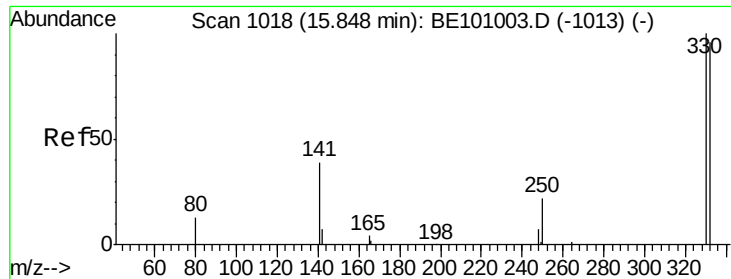
Tot Ion:152 Resp: 6894
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BE101010.D
 Acq: 9 Jan 2020 13:51

Tgt Ion:164 Resp: 6953
 Ion Ratio Lower Upper
 164 100
 162 105.1 84.1 126.1
 160 49.7 40.4 60.6

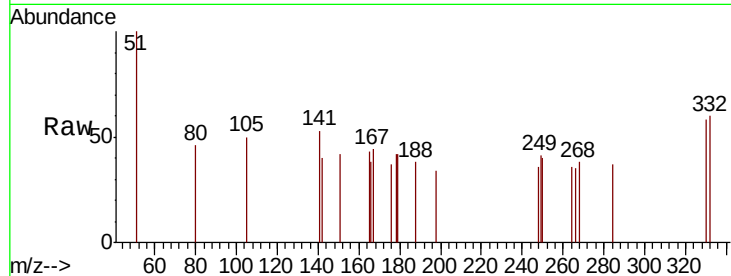




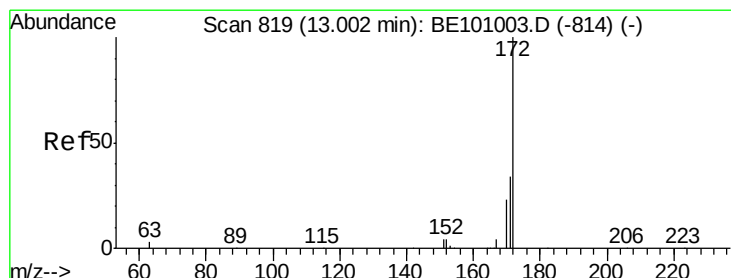
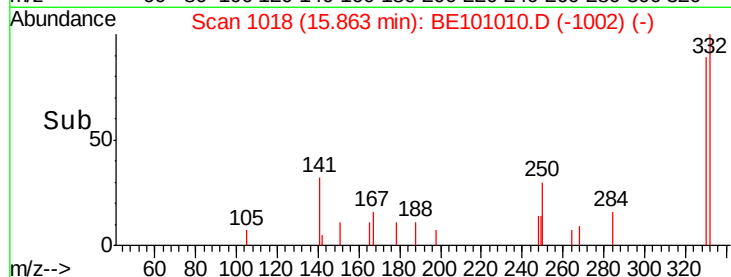
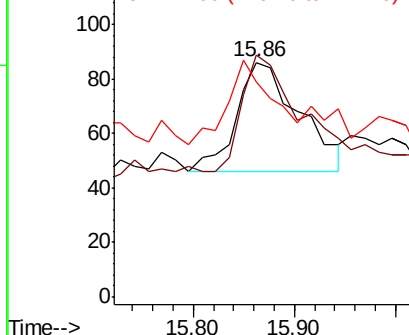
#14
 2,4,6-Tribromophenol
 Concen: 0.089 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101010.D
 Acq: 9 Jan 2020 13:51

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 174
 Ion Ratio Lower Upper
 330 100
 332 113.2 78.4 117.6
 141 55.2 37.0 55.4

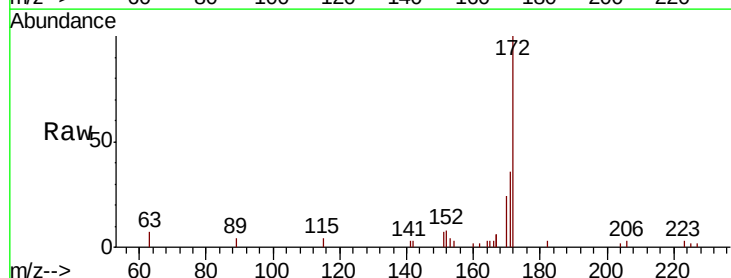


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

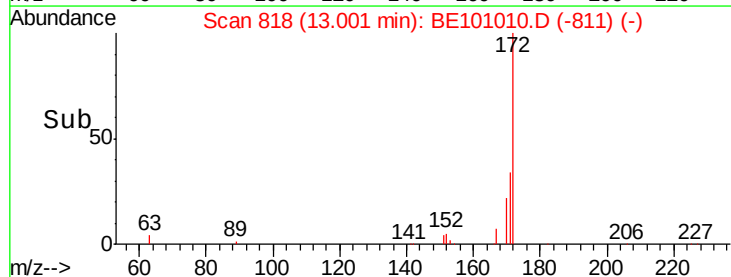
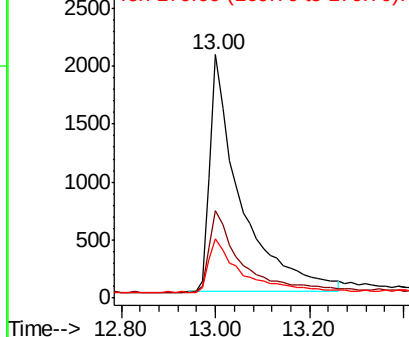


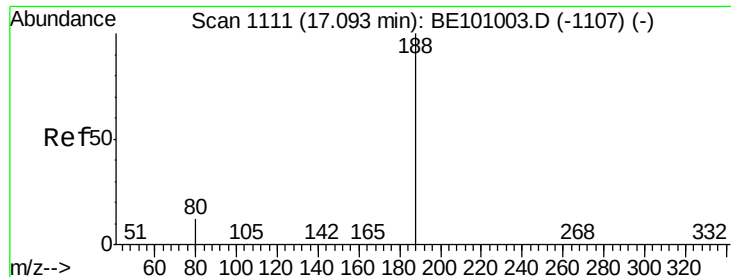
#15
 2-Fluorobiphenyl
 Concen: 0.351 ng
 RT: 13.00 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BE101010.D
 Acq: 9 Jan 2020 13:51

Tgt Ion:172 Resp: 9275
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 24.5 18.9 28.3



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

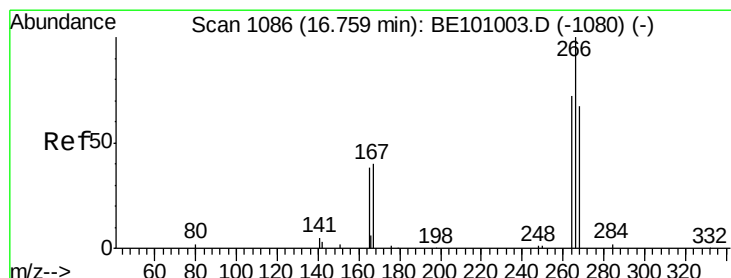
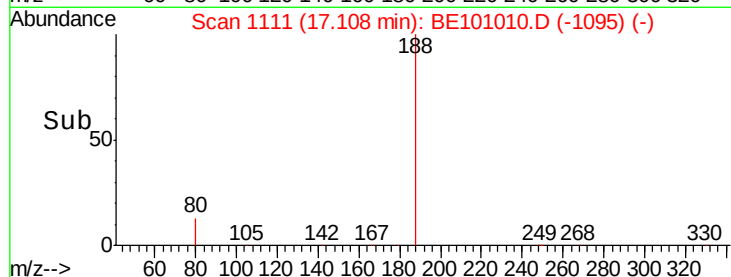
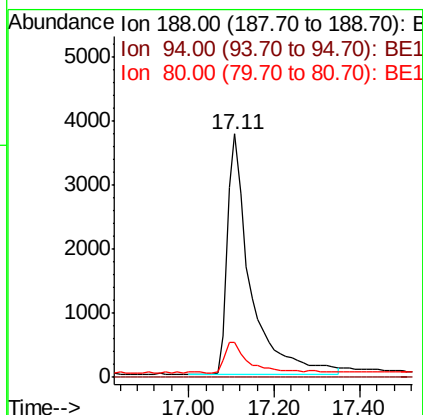
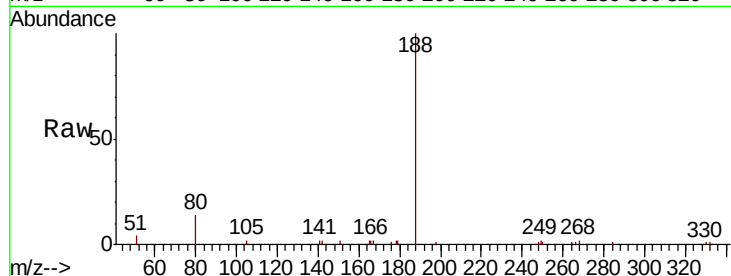




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101010.D
Acq: 9 Jan 2020 13:51

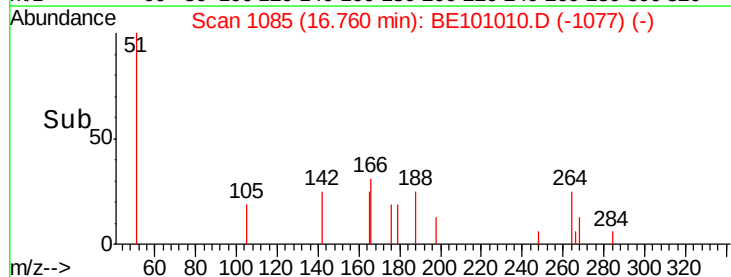
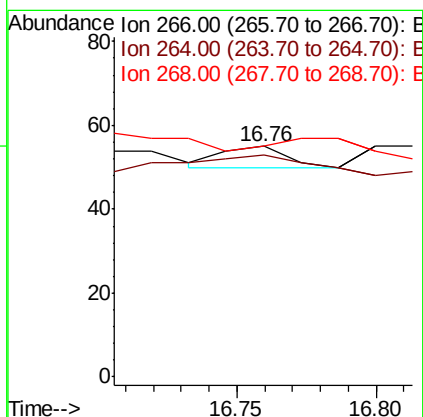
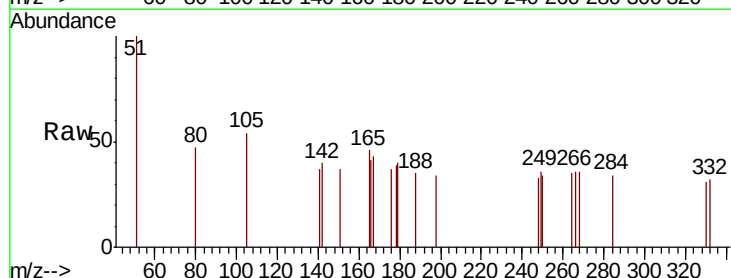
Instrument :
BNA_E
ClientSampleId :

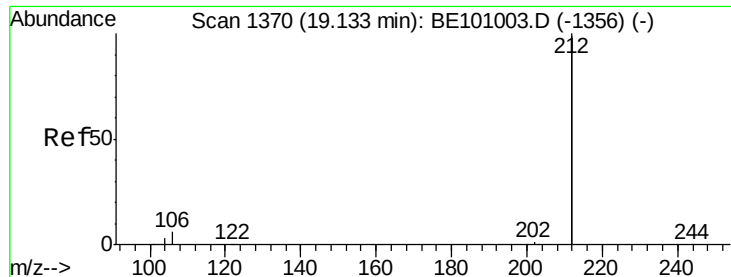
Tot Ion:188 Resp: 13963
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 10.8 16.2



#22
Pentachlorophenol
Concen: 0.253 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101010.D
Acq: 9 Jan 2020 13:51

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 96.4 61.0 91.4#
268 100.0 58.5 87.7#





#25

Fluoranthene-d10

Concen: 0.302 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE101010.D

Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

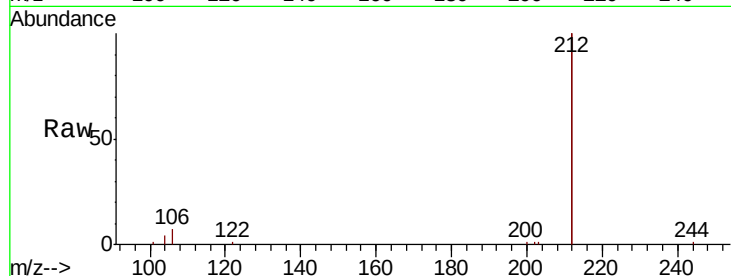
Tot Ion:212 Resp: 58479

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

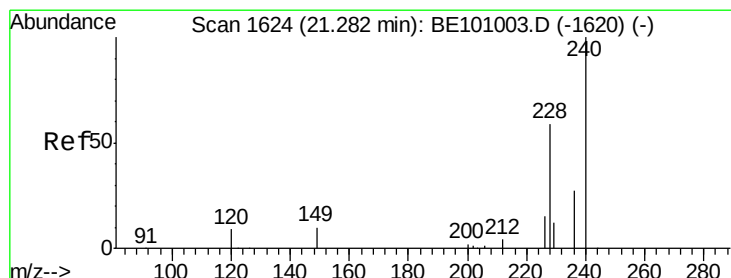
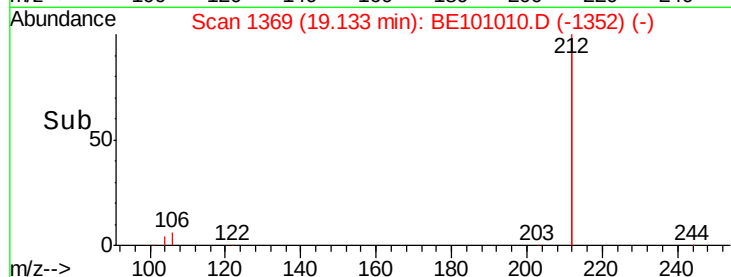
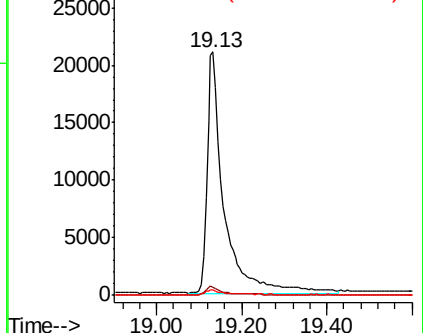
104 1.7 1.4 2.0



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: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE101010.D

Acq: 9 Jan 2020 13:51

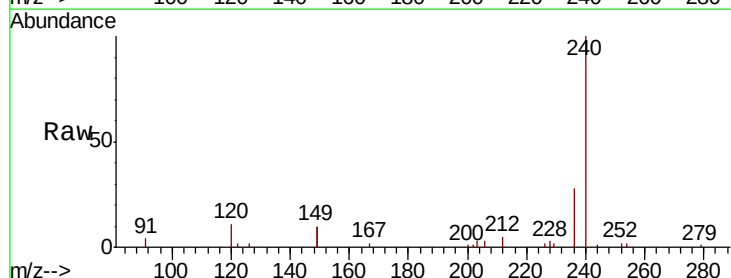
Tgt Ion:240 Resp: 12866

Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

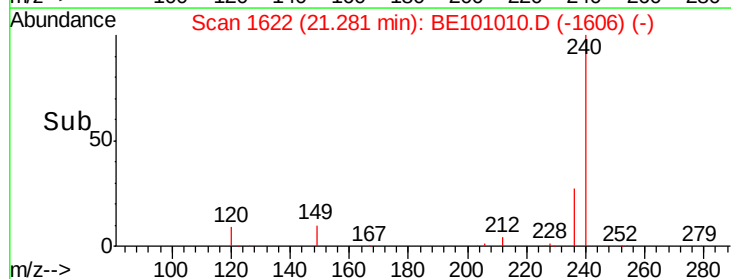
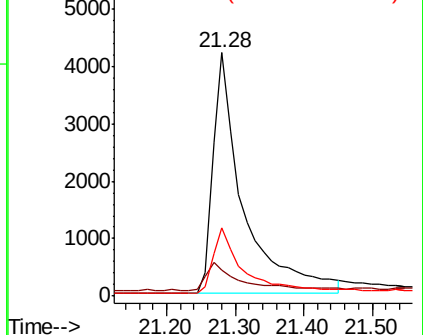
236 28.1 22.2 33.4

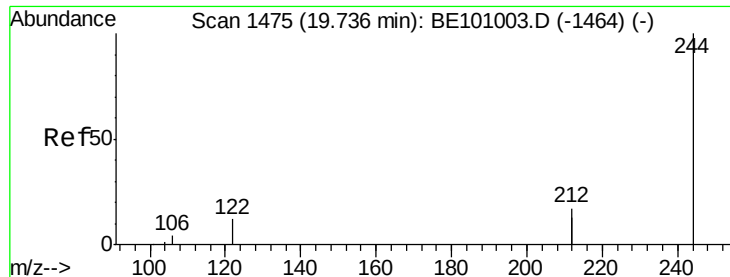


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.330 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101010.D

Acq: 9 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

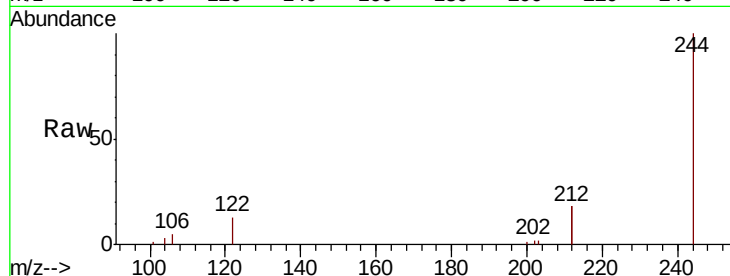
Tot Ion:244 Resp: 10433

Ion Ratio Lower Upper

244 100

212 36.0 27.2 40.8

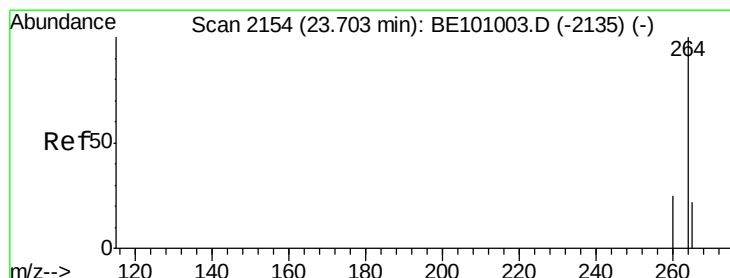
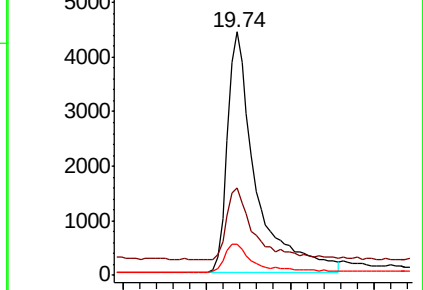
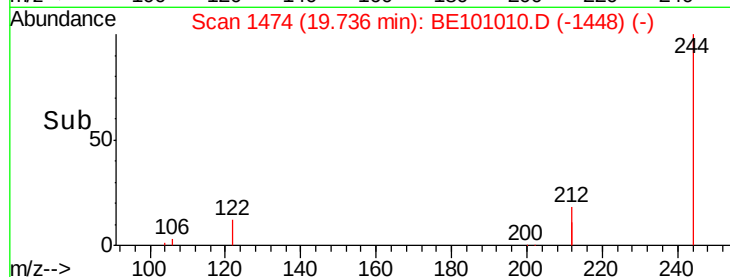
122 12.7 9.8 14.8



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BE101010.D

Acq: 9 Jan 2020 13:51

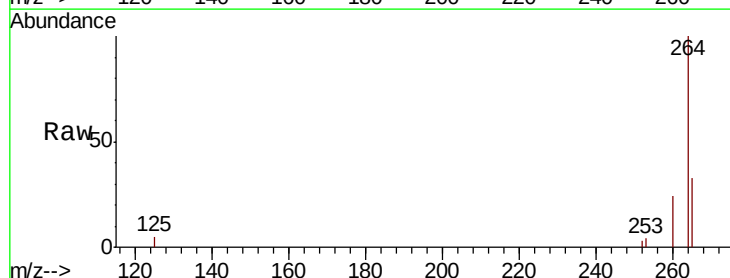
Tgt Ion:264 Resp: 15148

Ion Ratio Lower Upper

264 100

260 23.7 20.3 30.5

265 32.6 27.0 40.4



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

