

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100854.D
 Acq On : 11 Dec 2019 19:58
 Operator : JU
 Sample : K6185-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20191205

Quant Time: Dec 12 05:27:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4880	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23290	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	13008	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	29743	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	22011	0.40	ng	0.00
34) Perylene-d12	23.75	264	25790	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2235	0.19	ng	0.00
5) Phenol-d6	6.93	99	2188	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	5520	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15014	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	737	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20464	0.40	ng	-0.01
25) Fluoranthene-d10	19.16	212	128390	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	24500	0.46	ng	0.00

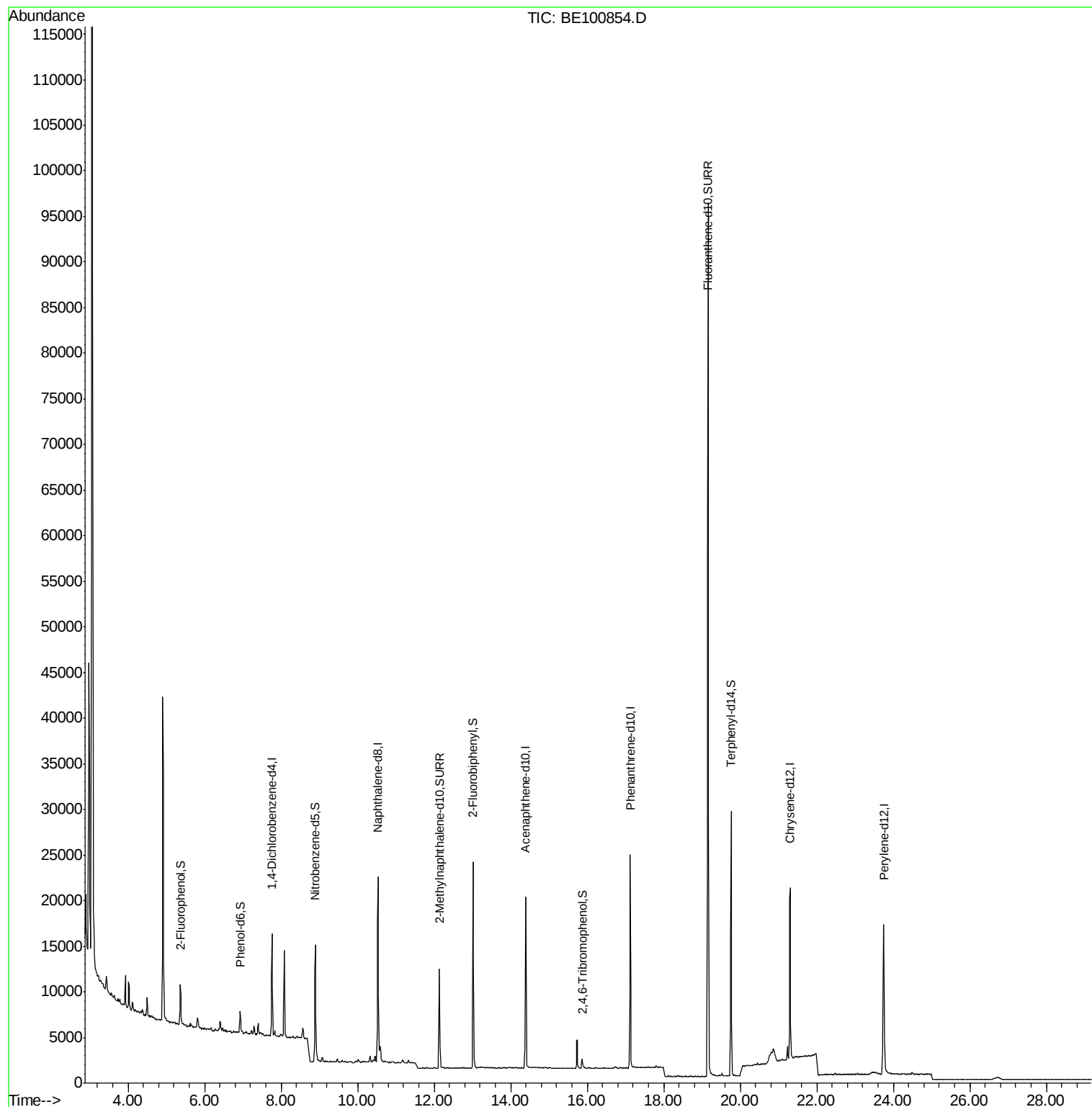
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
Data File : BE100854.D
Acq On : 11 Dec 2019 19:58
Operator : JU
Sample : K6185-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FB01-20191205

Quant Time: Dec 12 05:27:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



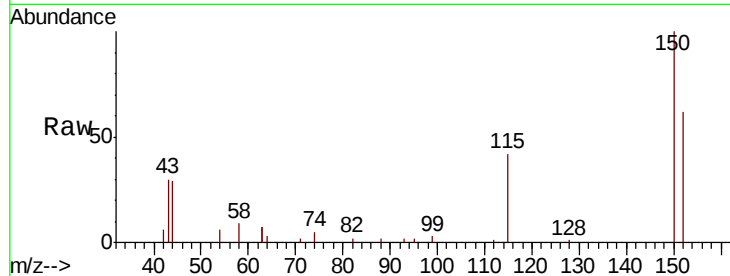


#1

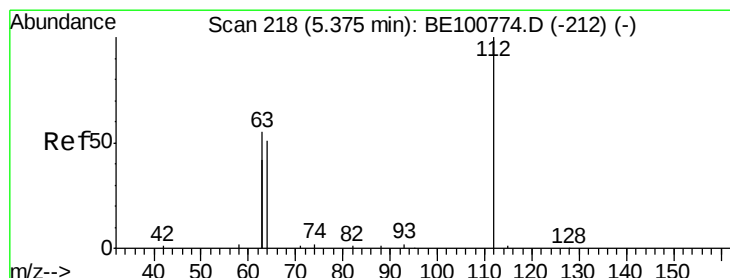
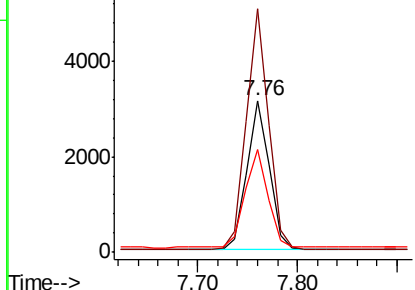
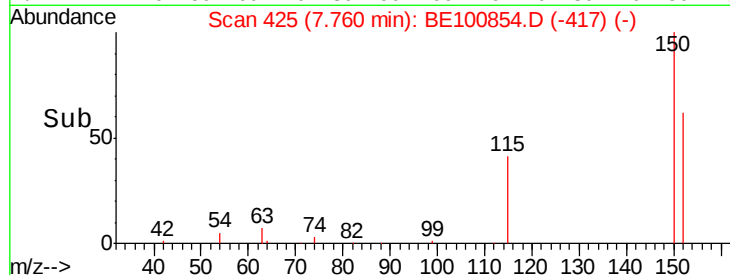
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20191205

Tot Ion:152 Resp: 4880
 Ion Ratio Lower Upper
 152 100
 150 160.4 120.6 181.0
 115 68.0 47.4 71.2



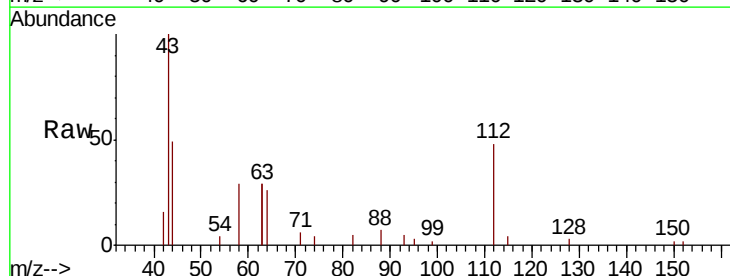
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



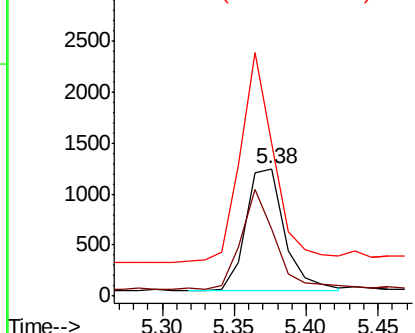
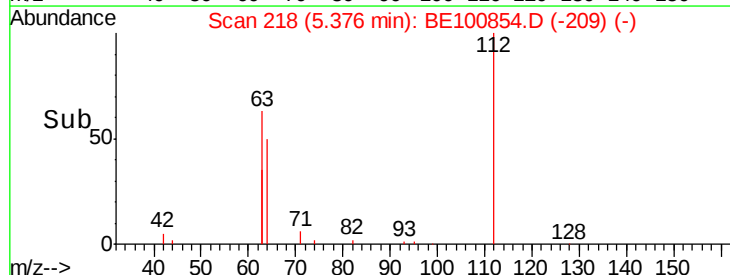
#4

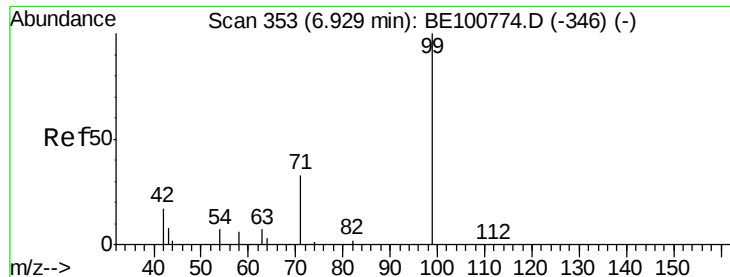
2-Fluorophenol
 Concen: 0.193 ng
 RT: 5.38 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Tgt Ion:112 Resp: 2235
 Ion Ratio Lower Upper
 112 100
 64 71.6 54.1 81.1
 63 150.7 113.2 169.8



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





#5

Phenol-d6

Concen: 0.125 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100854.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_E

ClientSampleId :

FB01-20191205

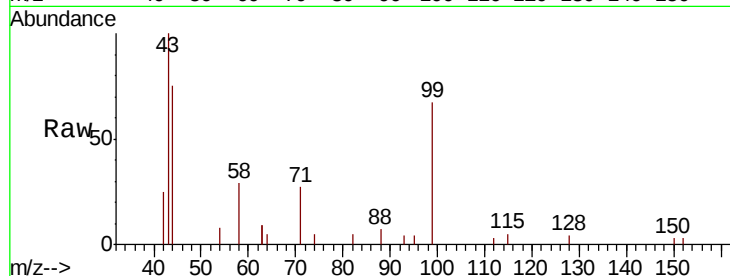
Tot Ion: 99 Resp: 2188

Ion Ratio Lower Upper

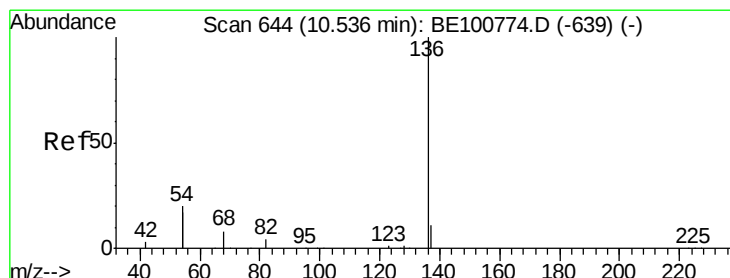
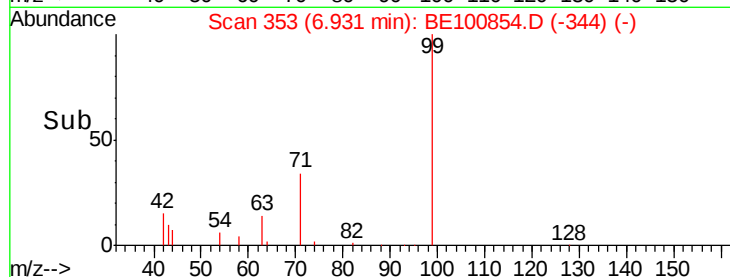
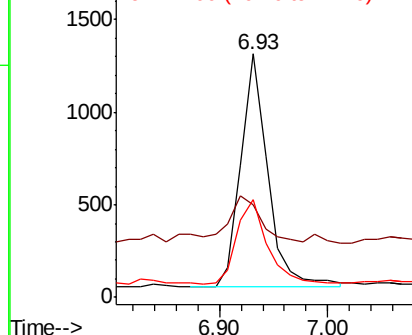
99 100

42 26.3 19.1 28.7

71 41.0 27.7 41.5



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: BE100854.D

Acq: 11 Dec 2019 19:58

Tgt Ion: 136 Resp: 23290

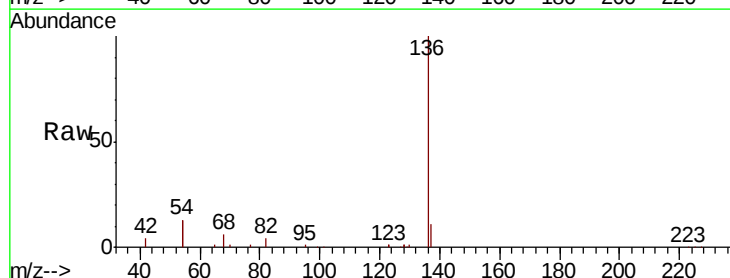
Ion Ratio Lower Upper

136 100

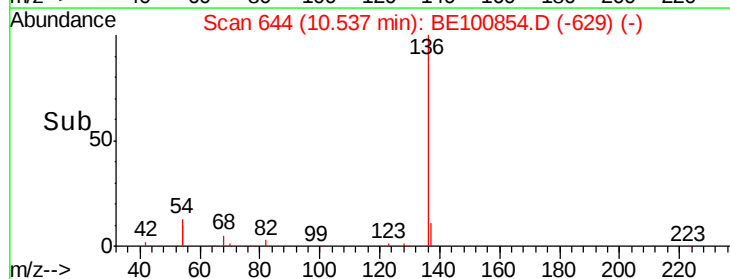
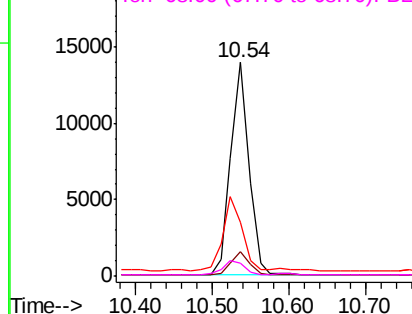
137 11.3 9.4 14.0

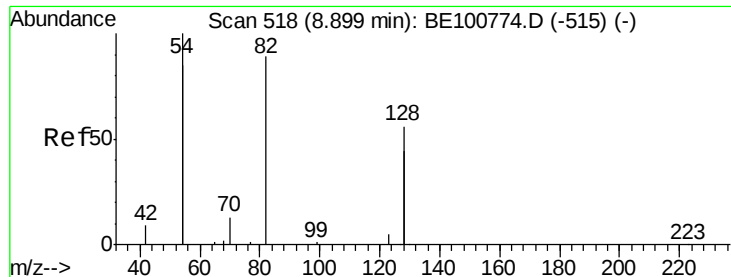
54 25.4 31.1 46.7#

68 5.7 6.6 10.0#



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

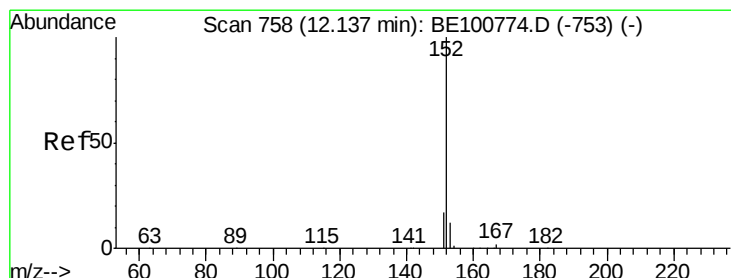
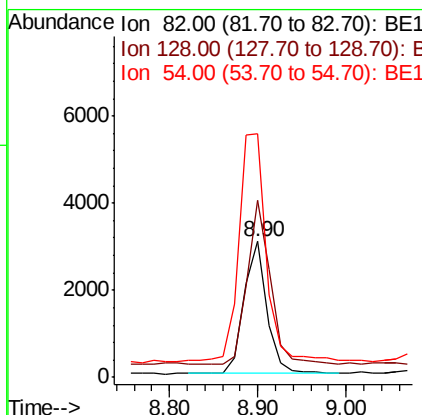
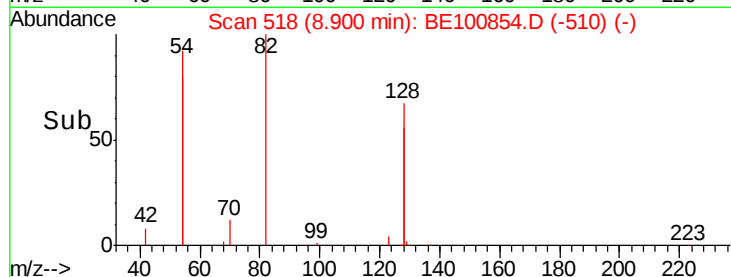
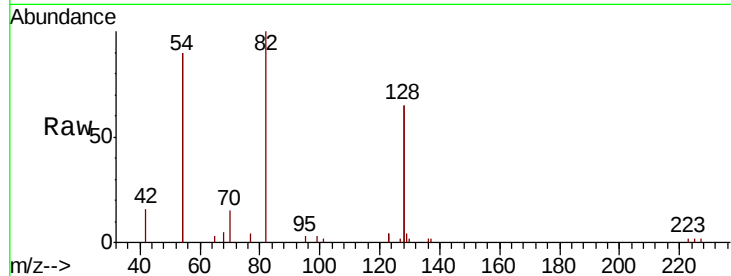




#8
 Nitrobenzene-d5
 Concen: 0.498 ng
 RT: 8.90 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

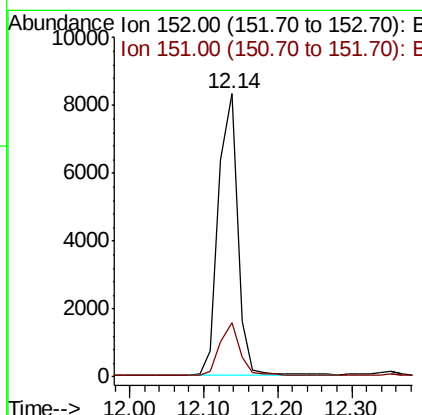
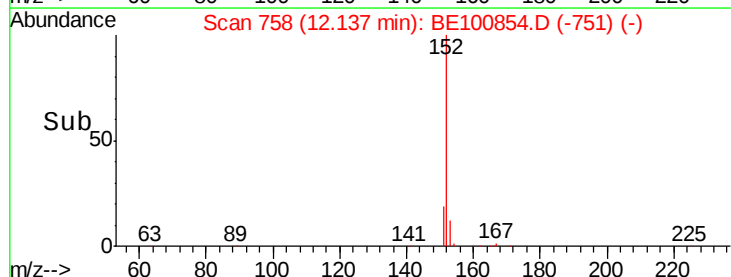
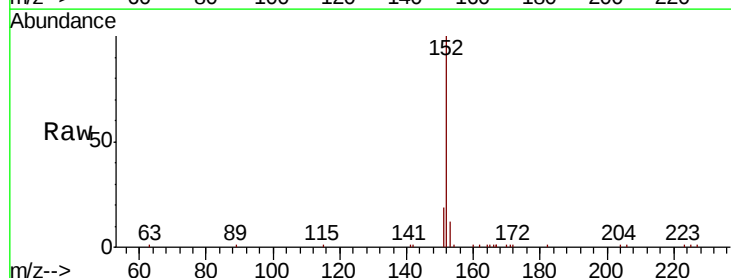
Instrument :
 BNA_E
 ClientSampleId :
 FB01-20191205

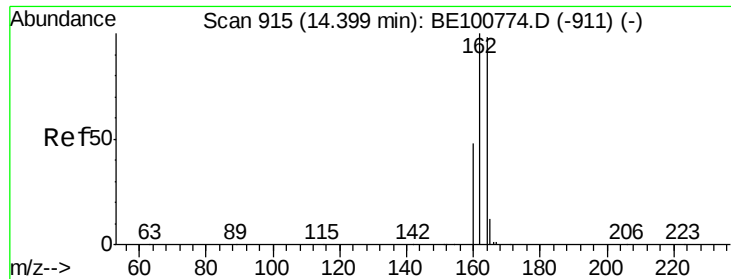
Tot Ion: 82 Resp: 5520
 Ion Ratio Lower Upper
 82 100
 128 130.4 97.0 145.4
 54 179.4 171.8 257.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.445 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Tgt Ion:152 Resp: 15014
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8

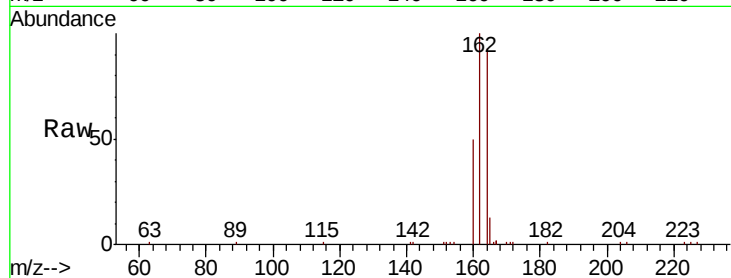




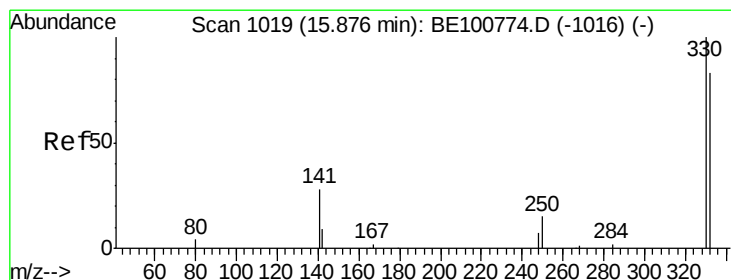
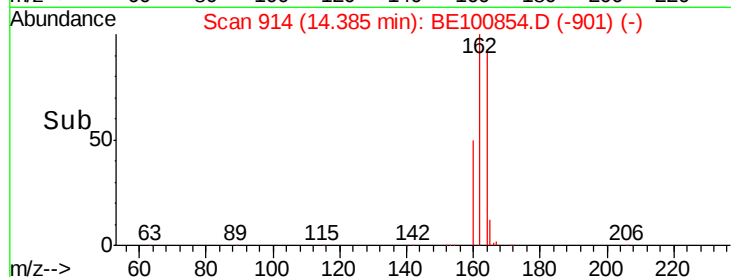
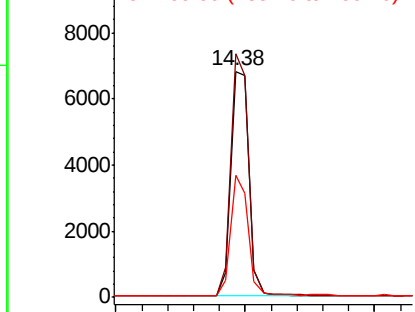
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20191205

Tot Ion:164 Resp: 13008
 Ion Ratio Lower Upper
 164 100
 162 107.8 81.4 122.0
 160 54.3 39.4 59.0

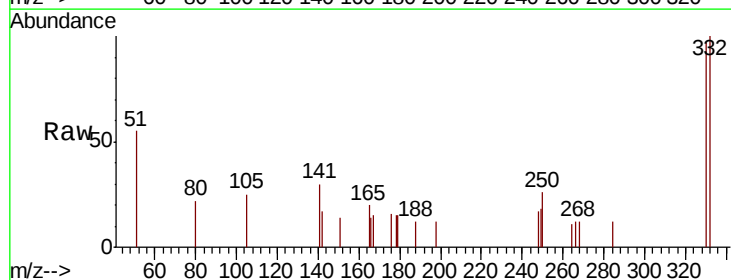


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

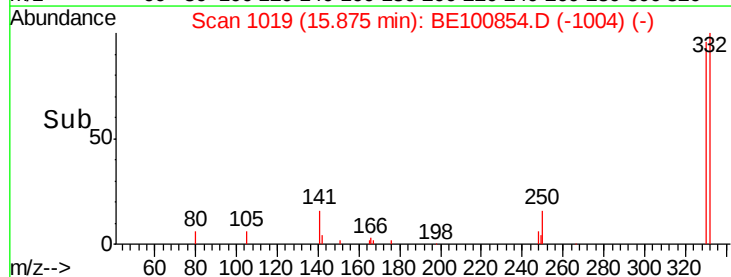
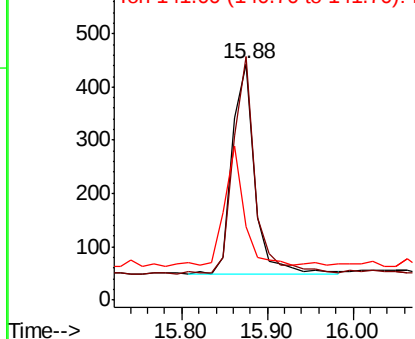


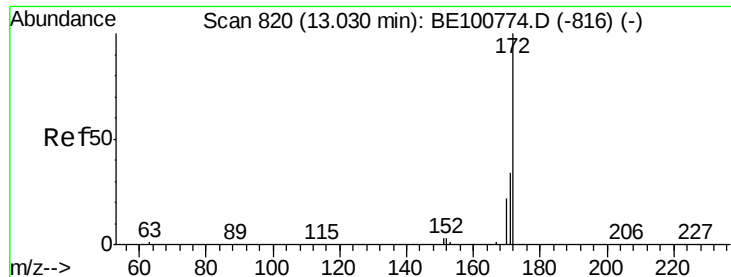
#14
 2,4,6-Tribromophenol
 Concen: 0.509 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Tgt Ion:330 Resp: 737
 Ion Ratio Lower Upper
 330 100
 332 98.9 69.4 104.2
 141 52.4 51.1 76.7



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

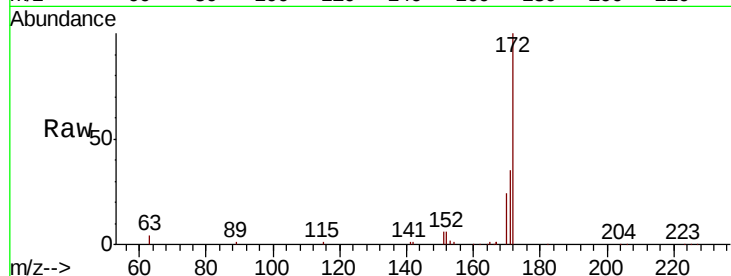




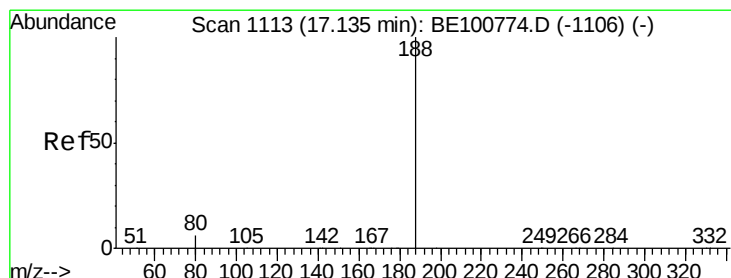
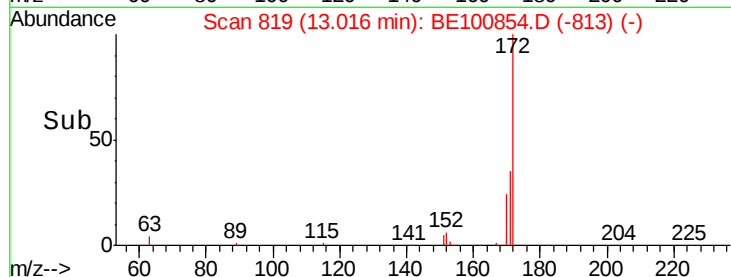
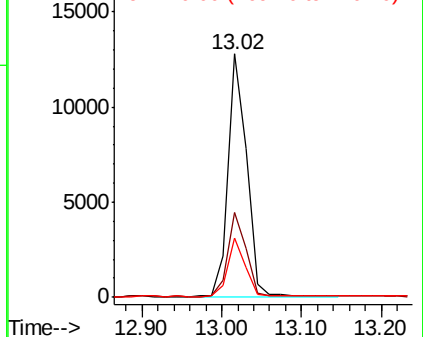
#15
 2-Fluorobiphenyl
 Concen: 0.397 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20191205

Tot Ion:172 Resp: 20464
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.2 40.8
 170 24.3 18.0 27.0

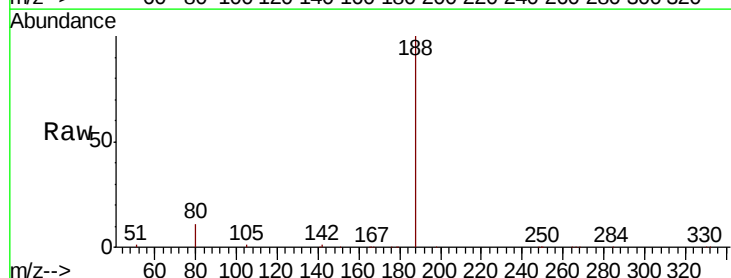


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

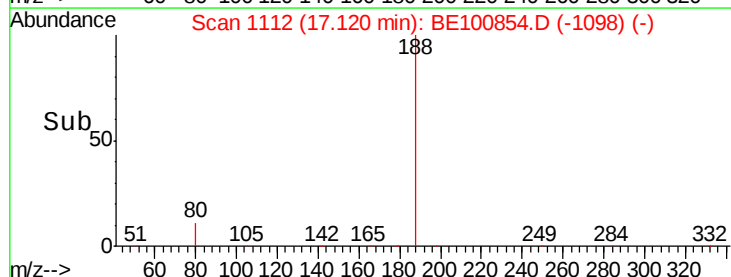
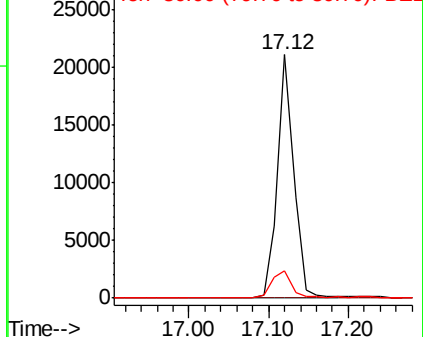


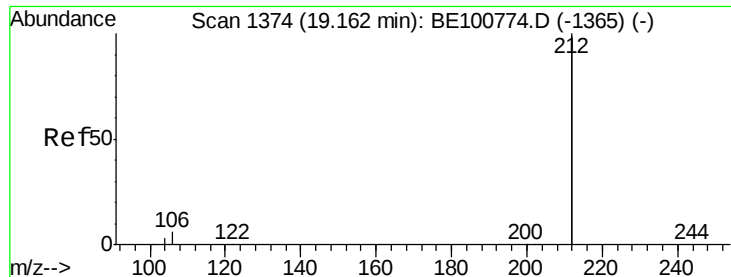
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.12 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BE100854.D
 Acq: 11 Dec 2019 19:58

Tgt Ion:188 Resp: 29743
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.0 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BE1
 Ion 80.00 (79.70 to 80.70): BE1

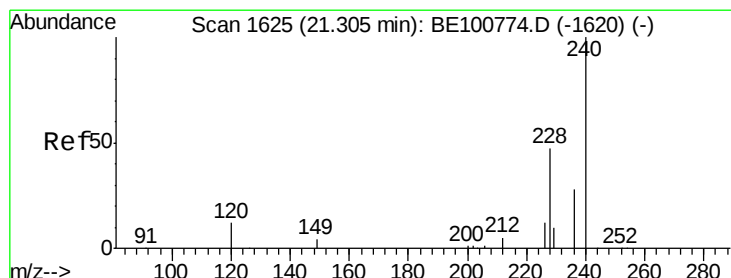
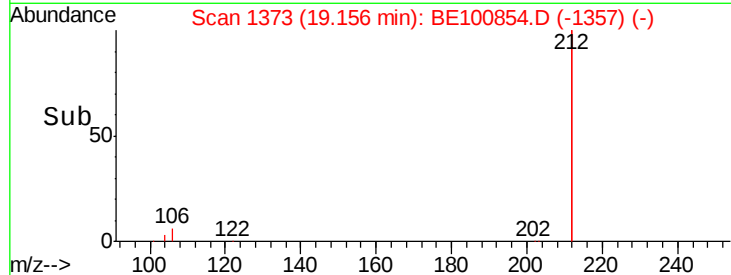
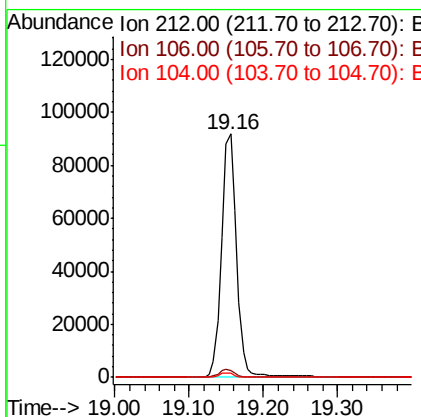
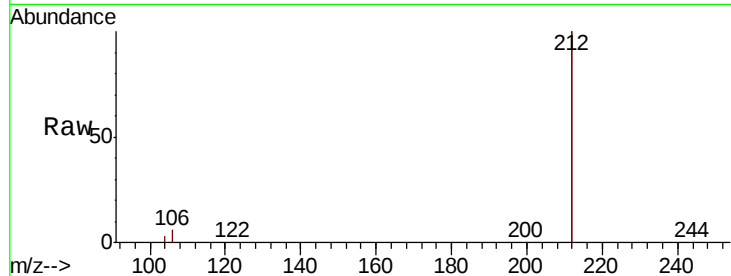




#25
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE100854.D
Acq: 11 Dec 2019 19:58

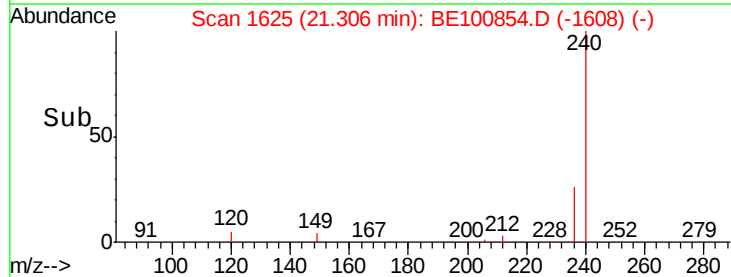
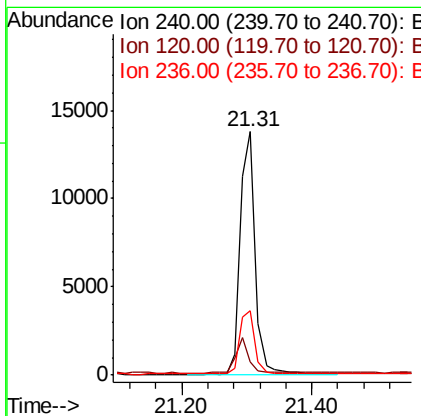
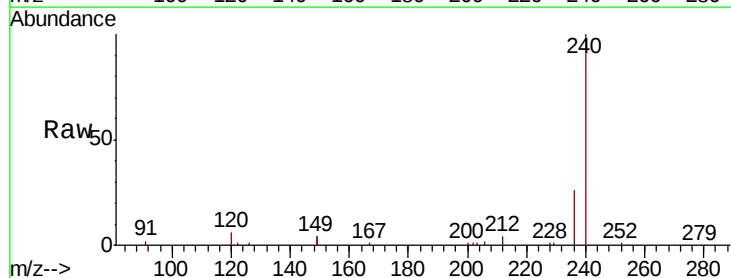
Instrument :
BNA_E
ClientSampleId :
FB01-20191205

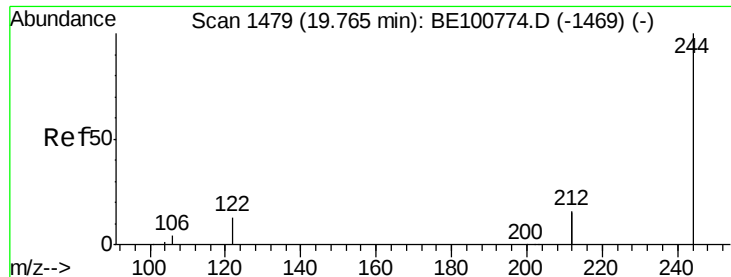
Tot Ion:212 Resp: 128390
Ion Ratio Lower Upper
212 100
106 3.3 2.6 3.8
104 1.8 1.4 2.2



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100854.D
Acq: 11 Dec 2019 19:58

Tgt Ion:240 Resp: 22011
Ion Ratio Lower Upper
240 100
120 5.6 10.2 15.2#
236 26.3 22.3 33.5





#29

Terphenyl-d14

Concen: 0.465 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100854.D

Acq: 11 Dec 2019 19:58

Instrument :

BNA_E

ClientSampleId :

FB01-20191205

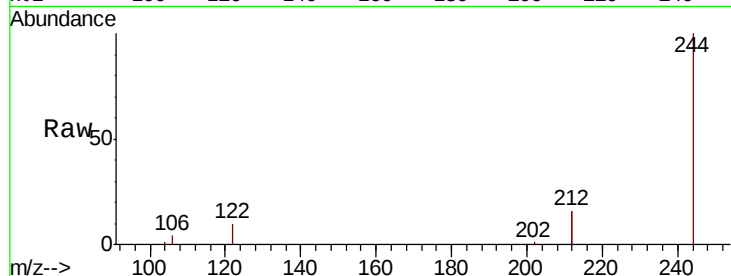
Tot Ion:244 Resp: 24500

Ion Ratio Lower Upper

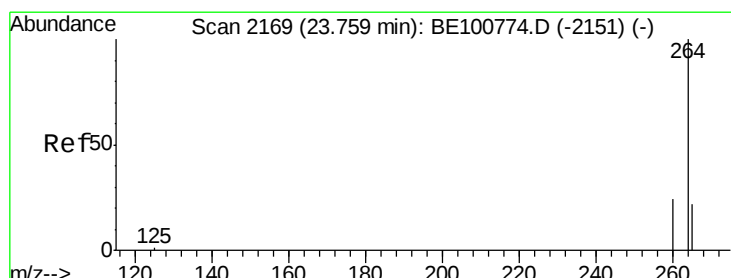
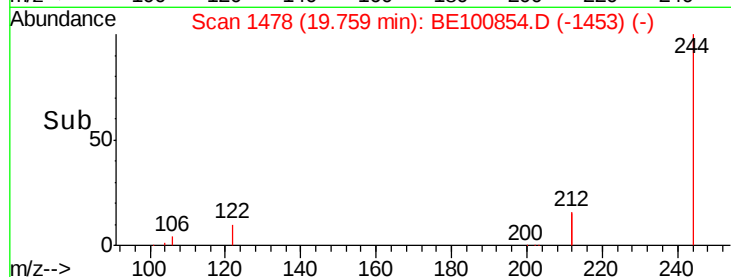
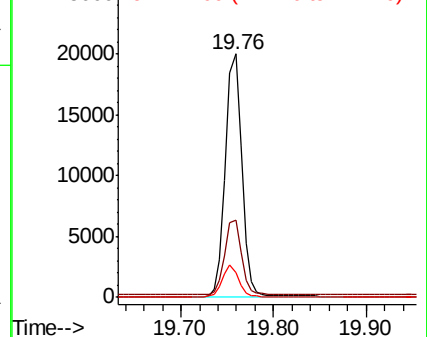
244 100

212 31.6 26.2 39.4

122 10.3 10.2 15.4



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: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100854.D

Acq: 11 Dec 2019 19:58

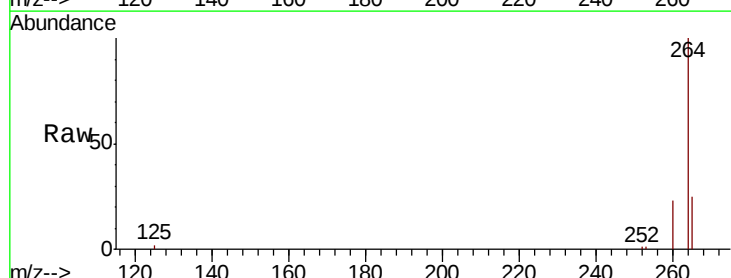
Tgt Ion:264 Resp: 25790

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 24.7 21.8 32.8



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

