

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100812.D
 Acq On : 10 Dec 2019 15:49
 Operator : JU
 Sample : K6184-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D4-20191202

Quant Time: Dec 10 17:46:43 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

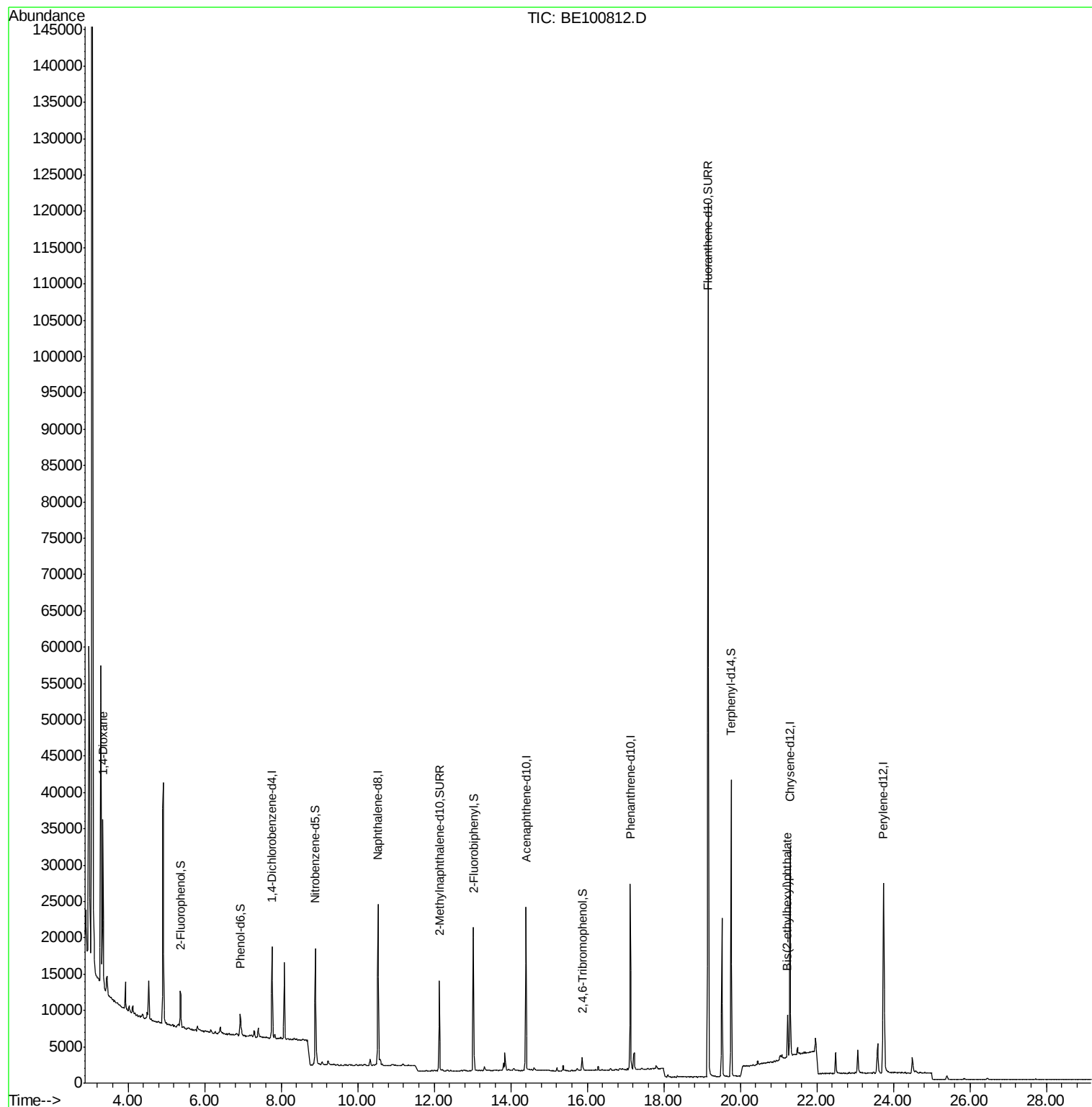
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5411	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24514	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13954	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33464	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	28471	0.40	ng	0.00
34) Perylene-d12	23.75	264	37156	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2724	0.21	ng	0.00
5) Phenol-d6	6.93	99	2594	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6442	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15335	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1192	0.77	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21146	0.38	ng	0.00
25) Fluoranthene-d10	19.16	212	155814	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	33302	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	13338	1.352	ng	Qvalue # 81
32) Bis(2-ethylhexyl)phthalate	21.23	149	8880	0.108	ng	99

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

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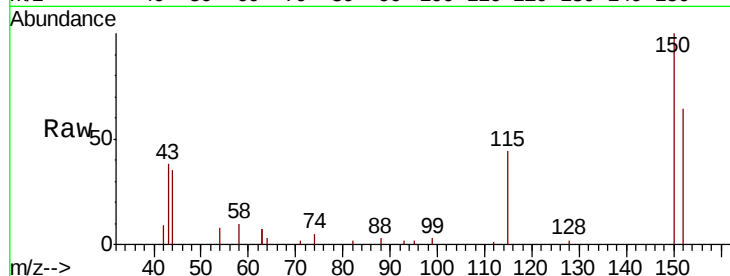


#1

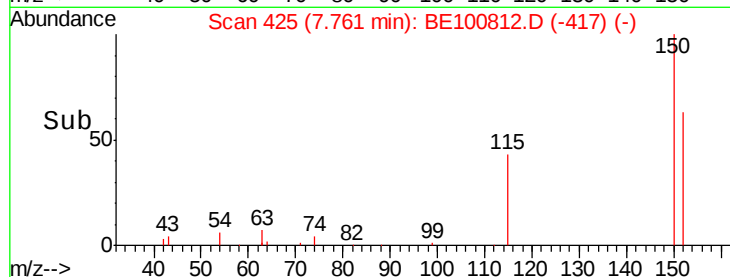
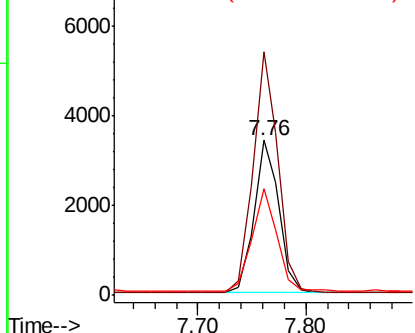
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100812.D
Acq: 10 Dec 2019 15:49

Instrument :
BNA_E
ClientSampleId :
RE134D4-20191202

Tot Ion:152 Resp: 5411
Ion Ratio Lower Upper
152 100
150 157.1 120.6 181.0
115 69.1 47.4 71.2



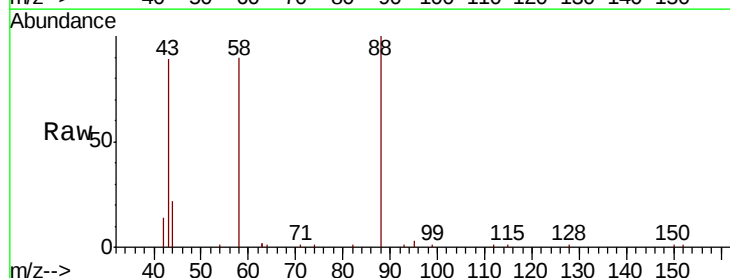
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



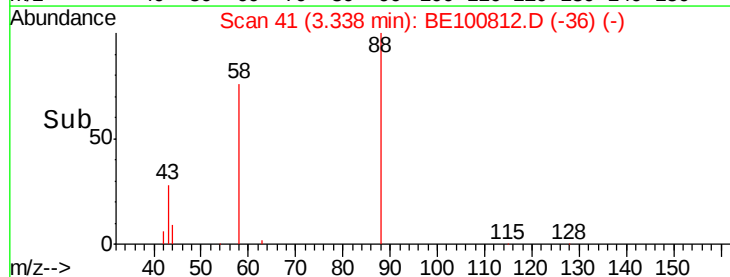
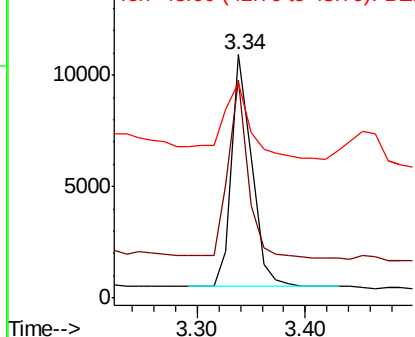
#2

1,4-Dioxane
Concen: 1.352 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100812.D
Acq: 10 Dec 2019 15:49

Tgt Ion: 88 Resp: 13338
Ion Ratio Lower Upper
88 100
58 77.4 52.5 78.7
43 44.7 23.0 34.6#



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





#4

2-Fluorophenol

Concen: 0.212 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100812.D

Acq: 10 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

RE134D4-20191202

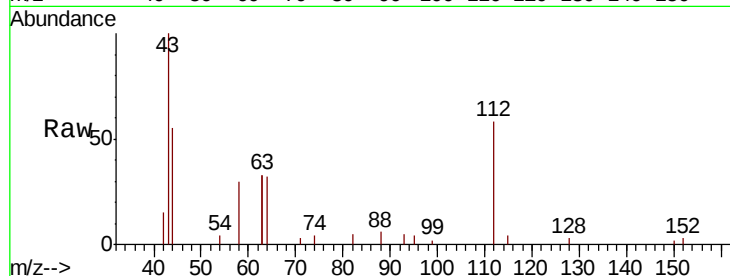
Tot Ion:112 Resp: 2724

Ion Ratio Lower Upper

112 100

64 67.0 54.1 81.1

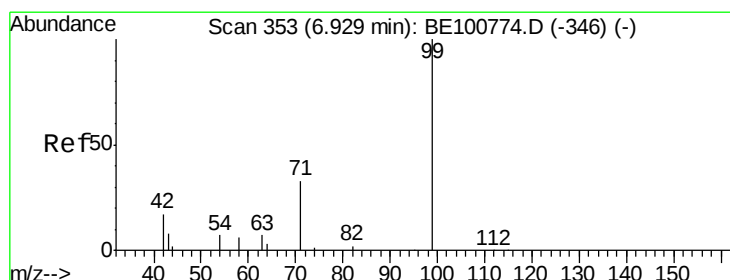
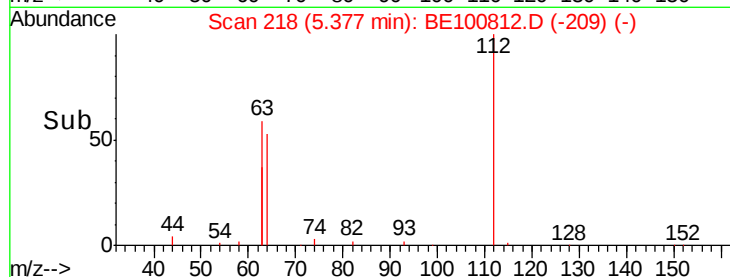
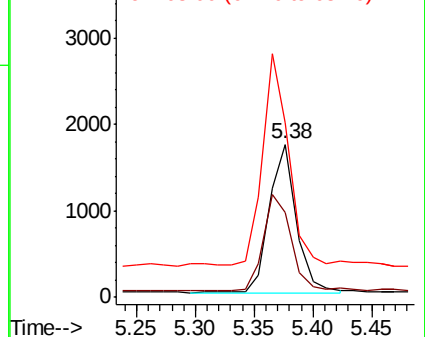
63 136.9 113.2 169.8



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: 0.134 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100812.D

Acq: 10 Dec 2019 15:49

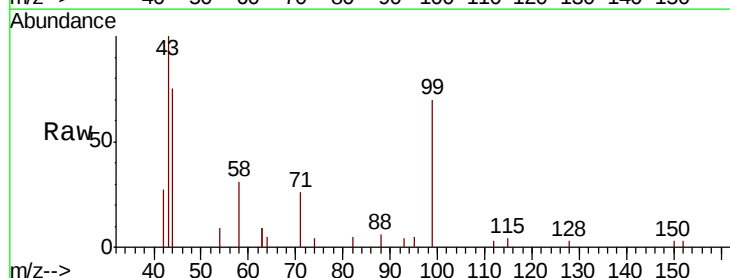
Tgt Ion: 99 Resp: 2594

Ion Ratio Lower Upper

99 100

42 27.5 19.1 28.7

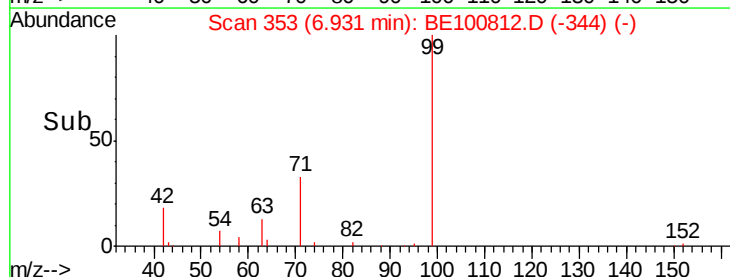
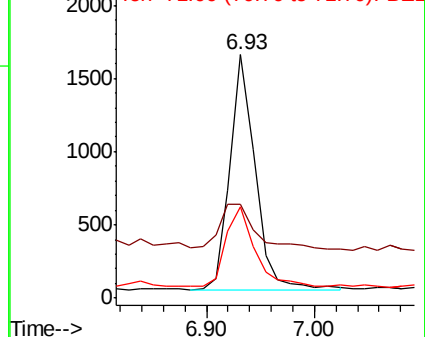
71 39.1 27.7 41.5



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: BE100812.D

Acq: 10 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

RE134D4-20191202

Tot Ion:136 Resp: 24514

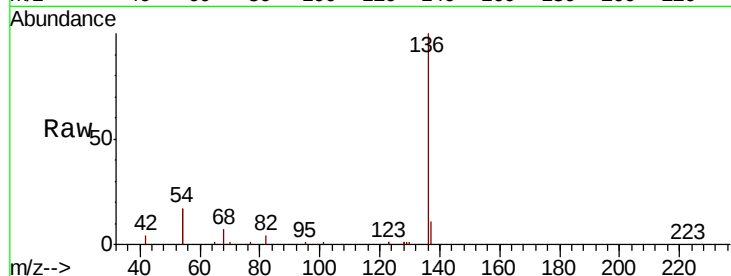
Ion Ratio Lower Upper

136 100

137 10.9 9.4 14.0

54 33.7 31.1 46.7

68 7.1 6.6 10.0

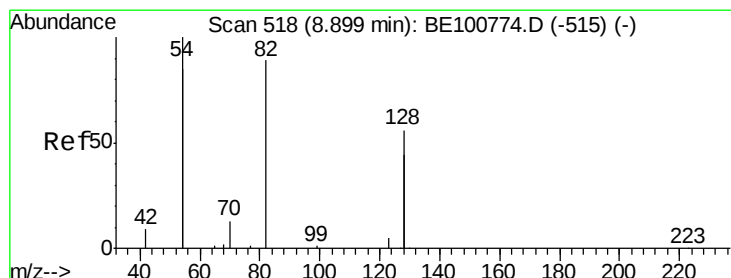
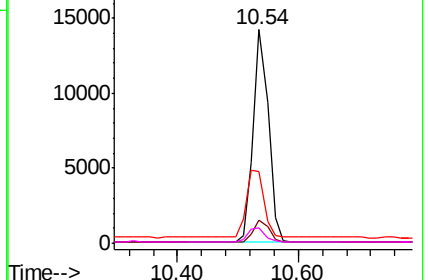
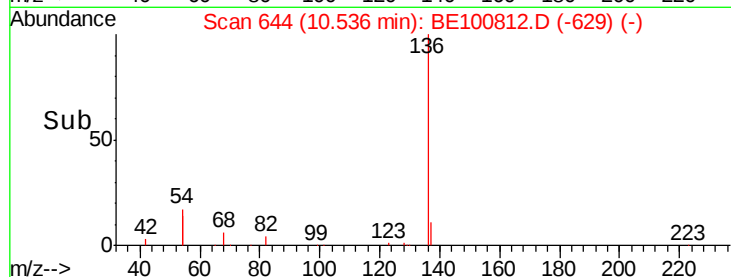


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.552 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100812.D

Acq: 10 Dec 2019 15:49

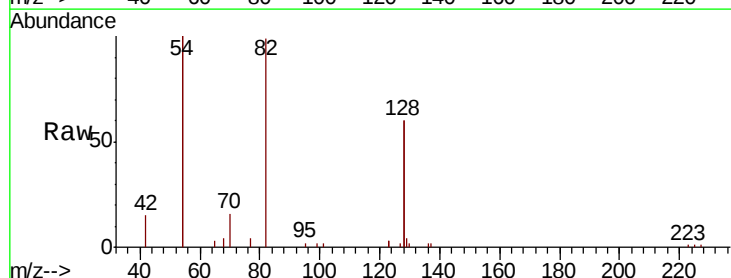
Tgt Ion: 82 Resp: 6442

Ion Ratio Lower Upper

82 100

128 122.0 97.0 145.4

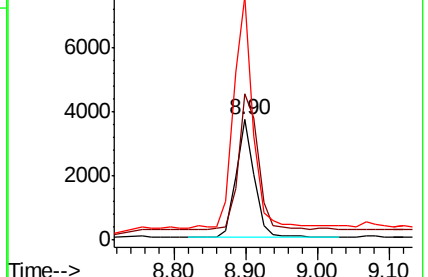
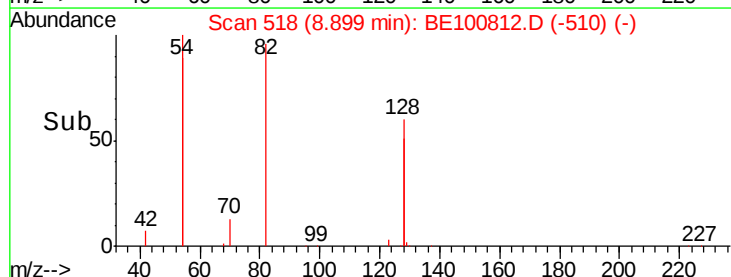
54 202.3 171.8 257.6

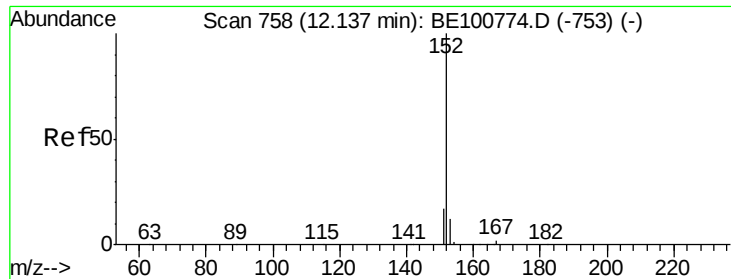


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

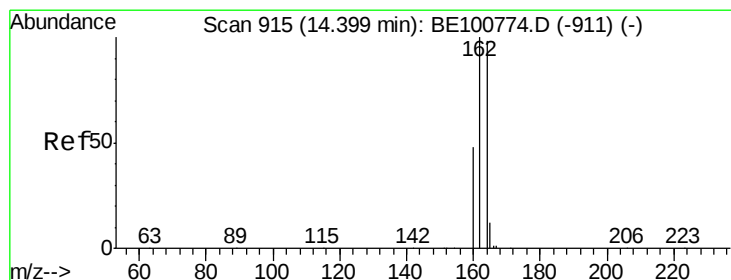
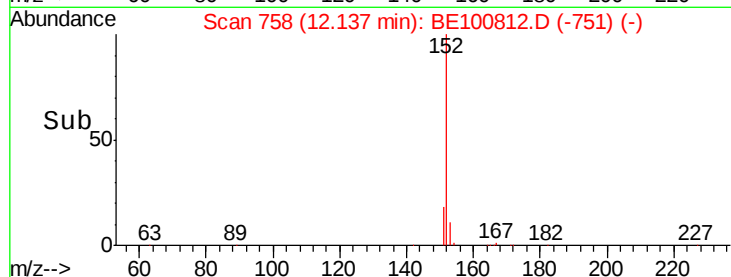
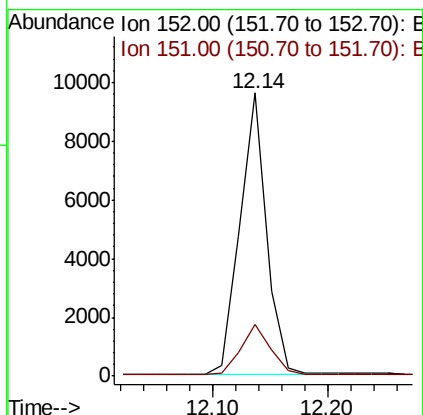
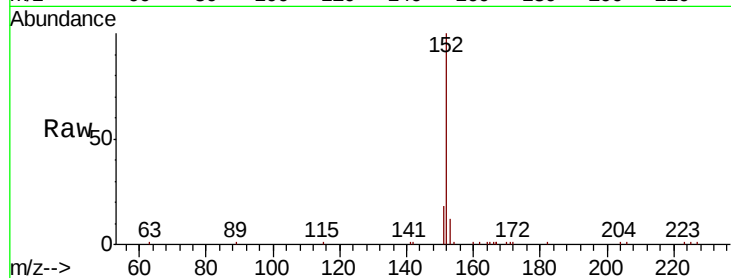




#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100812.D
 Acq: 10 Dec 2019 15:49

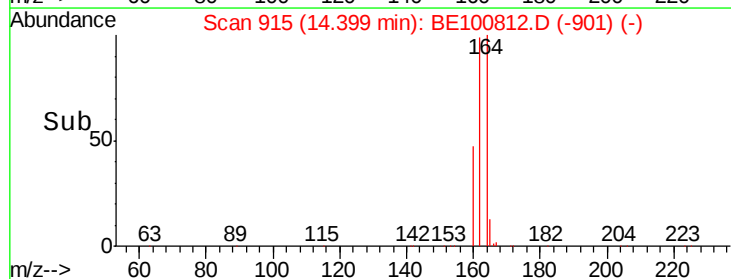
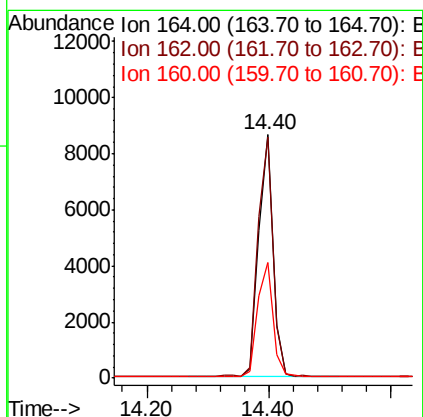
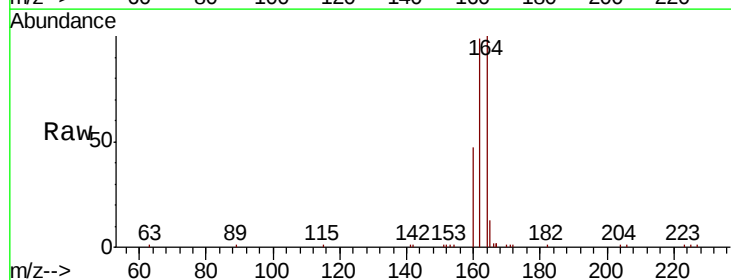
Instrument :
 BNA_E
 ClientSampleId :
 RE134D4-20191202

Tot Ion:152 Resp: 15335
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100812.D
 Acq: 10 Dec 2019 15:49

Tgt Ion:164 Resp: 13954
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.4 122.0
 160 47.3 39.4 59.0

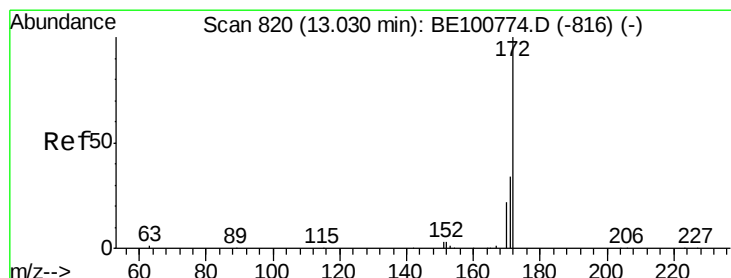
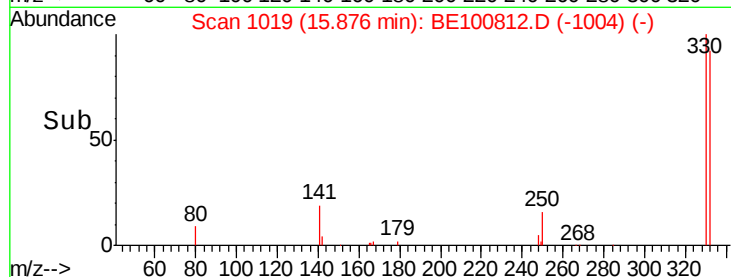
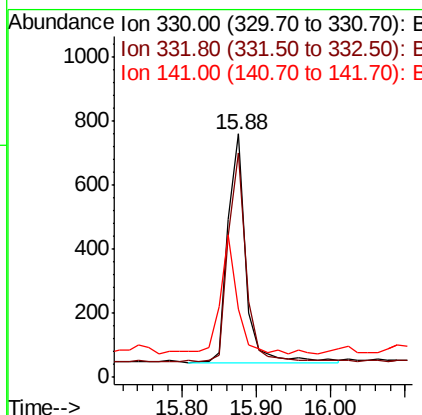
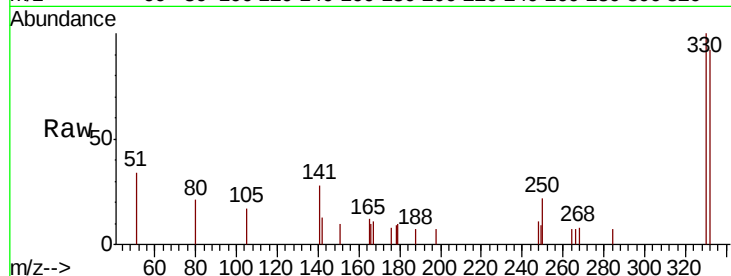




#14
 2,4,6-Tribromophenol
 Concen: 0.768 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100812.D
 Acq: 10 Dec 2019 15:49

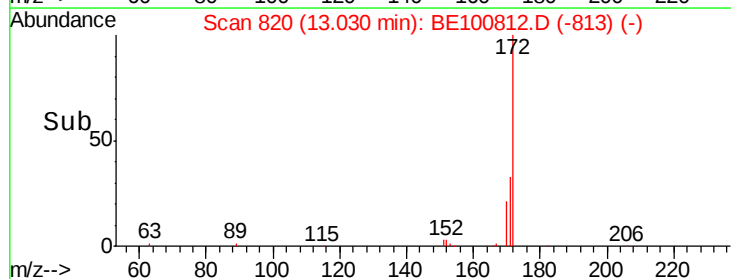
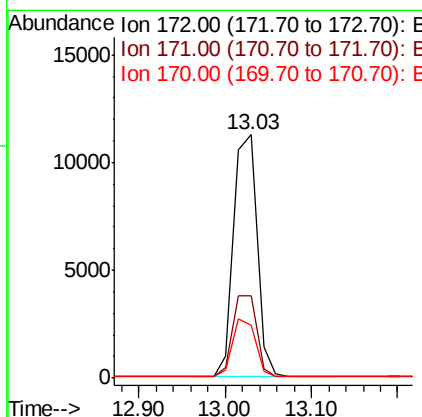
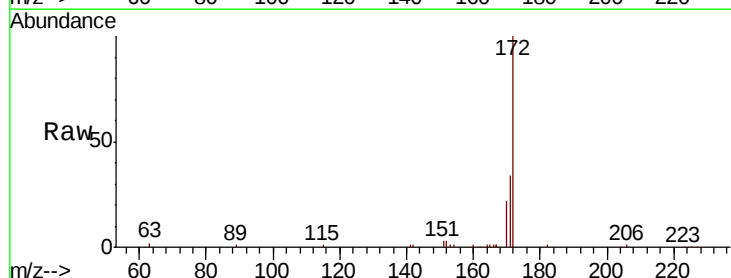
Instrument :
 BNA_E
 ClientSampleId :
 RE134D4-20191202

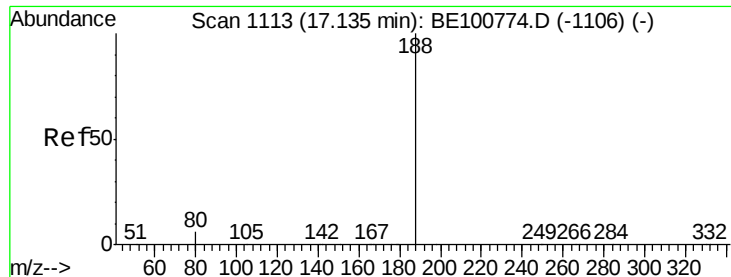
Tot Ion:330 Resp: 1192
 Ion Ratio Lower Upper
 330 100
 332 90.1 69.4 104.2
 141 53.0 51.1 76.7



#15
 2-Fluorobiphenyl
 Concen: 0.382 ng
 RT: 13.03 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE100812.D
 Acq: 10 Dec 2019 15:49

Tgt Ion:172 Resp: 21146
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.2 40.8
 170 21.9 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100812.D

Acq: 10 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

RE134D4-20191202

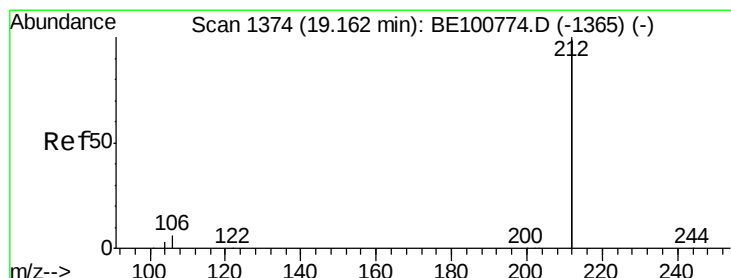
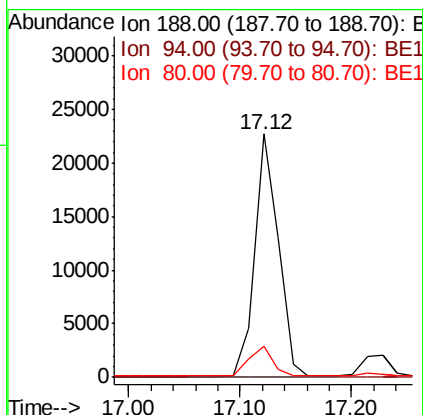
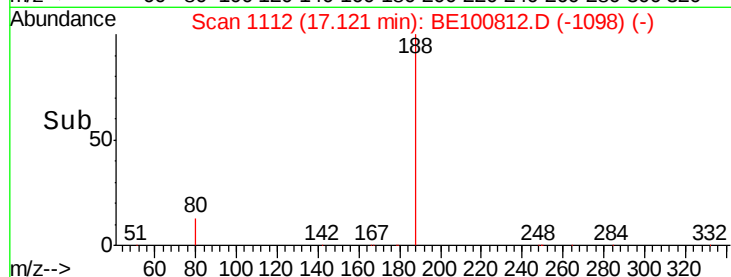
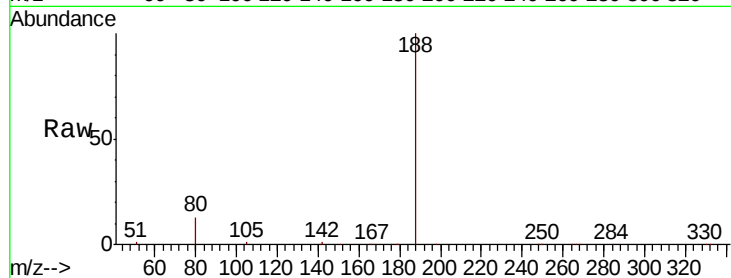
Tot Ion:188 Resp: 33464

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 5.2 7.8#



#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100812.D

Acq: 10 Dec 2019 15:49

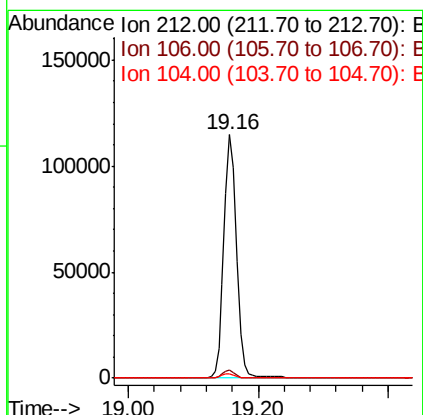
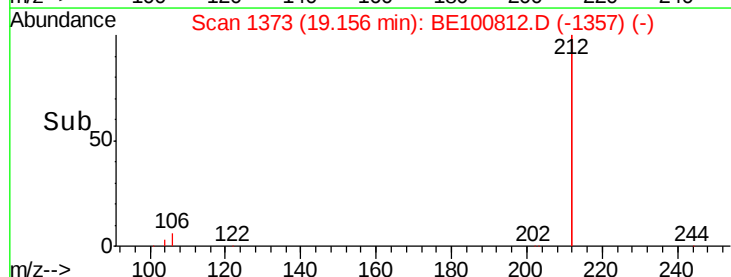
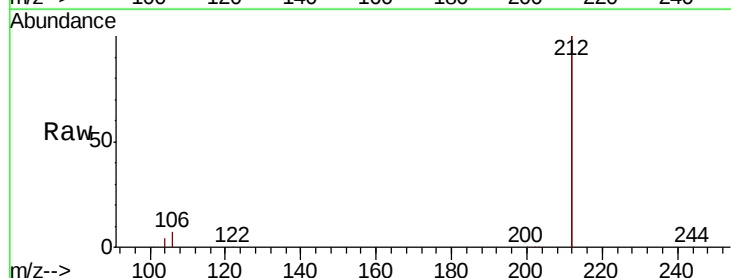
Tgt Ion:212 Resp: 155814

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

104 1.7 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: BE100812.D

Acq: 10 Dec 2019 15:49

Instrument :

BNA_E

ClientSampleId :

RE134D4-20191202

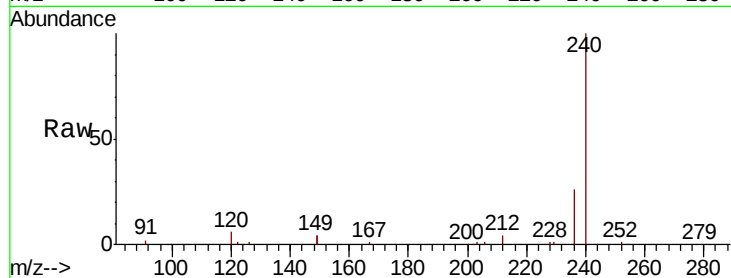
Tot Ion:240 Resp: 28471

Ion Ratio Lower Upper

240 100

120 5.9 10.2 15.2#

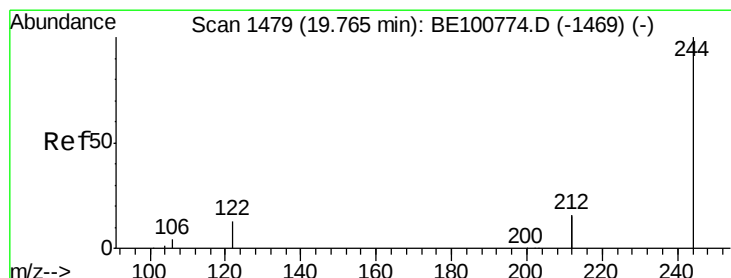
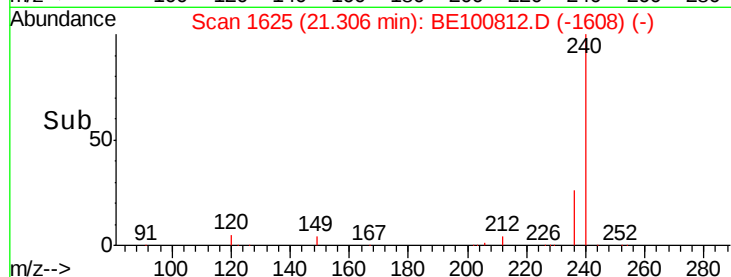
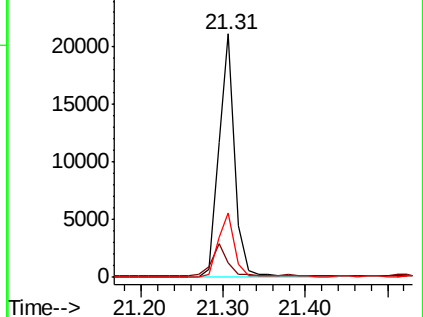
236 26.3 22.3 33.5



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: 0.488 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100812.D

Acq: 10 Dec 2019 15:49

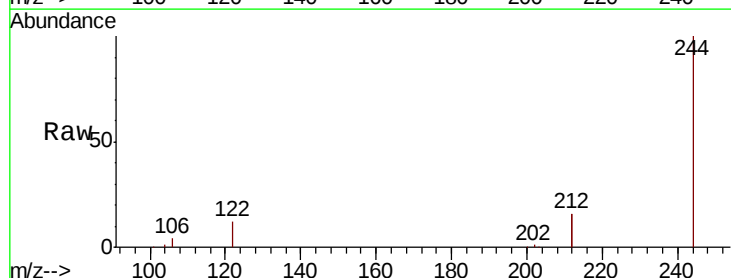
Tgt Ion:244 Resp: 33302

Ion Ratio Lower Upper

244 100

212 32.0 26.2 39.4

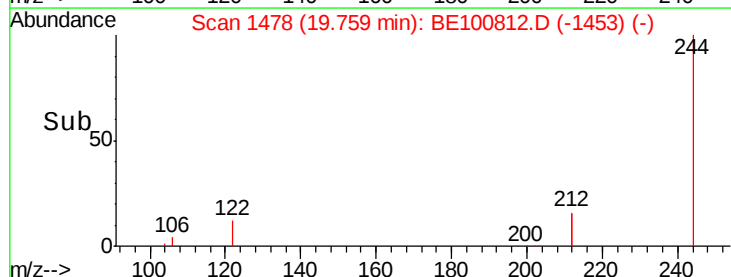
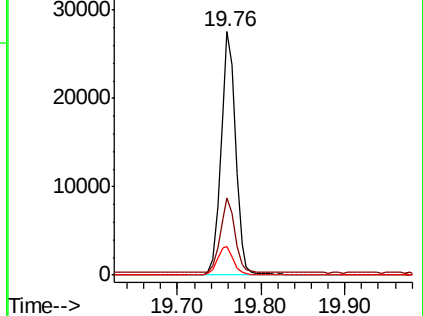
122 11.8 10.2 15.4

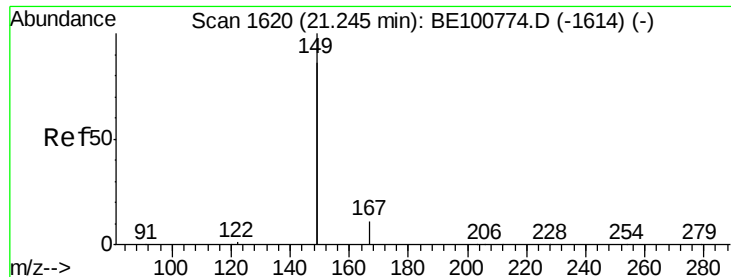


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

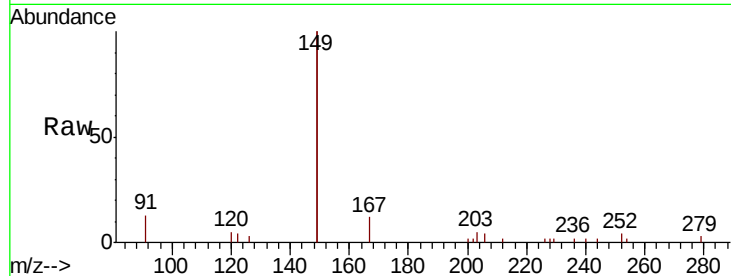




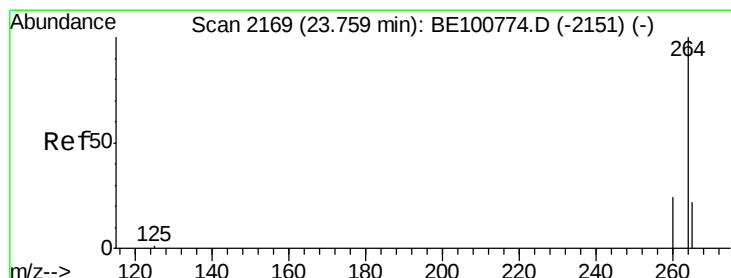
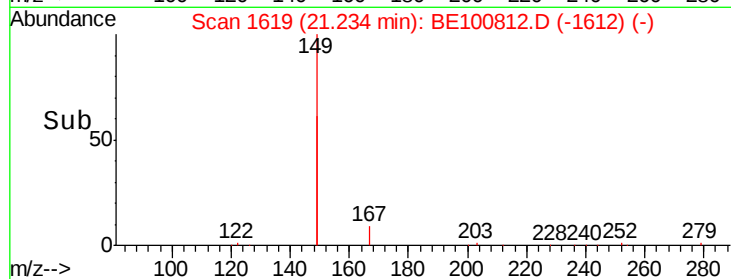
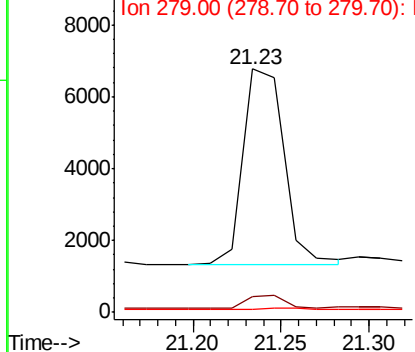
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100812.D
 Acq: 10 Dec 2019 15:49

Instrument :
 BNA_E
 ClientSampleId :
 RE134D4-20191202

Tot Ion:149 Resp: 8880
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.0 7.6
 279 0.8 0.7 1.1

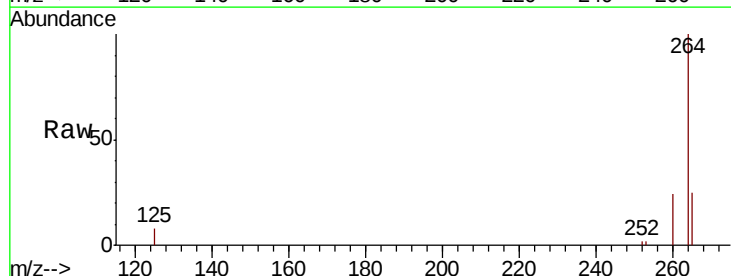


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BE100812.D
 Acq: 10 Dec 2019 15:49

Tgt Ion:264 Resp: 37156
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 25.4 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

