

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100888.D
 Acq On : 13 Dec 2019 15:51
 Operator : JU
 Sample : K6185-12DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 13 17:29:03 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

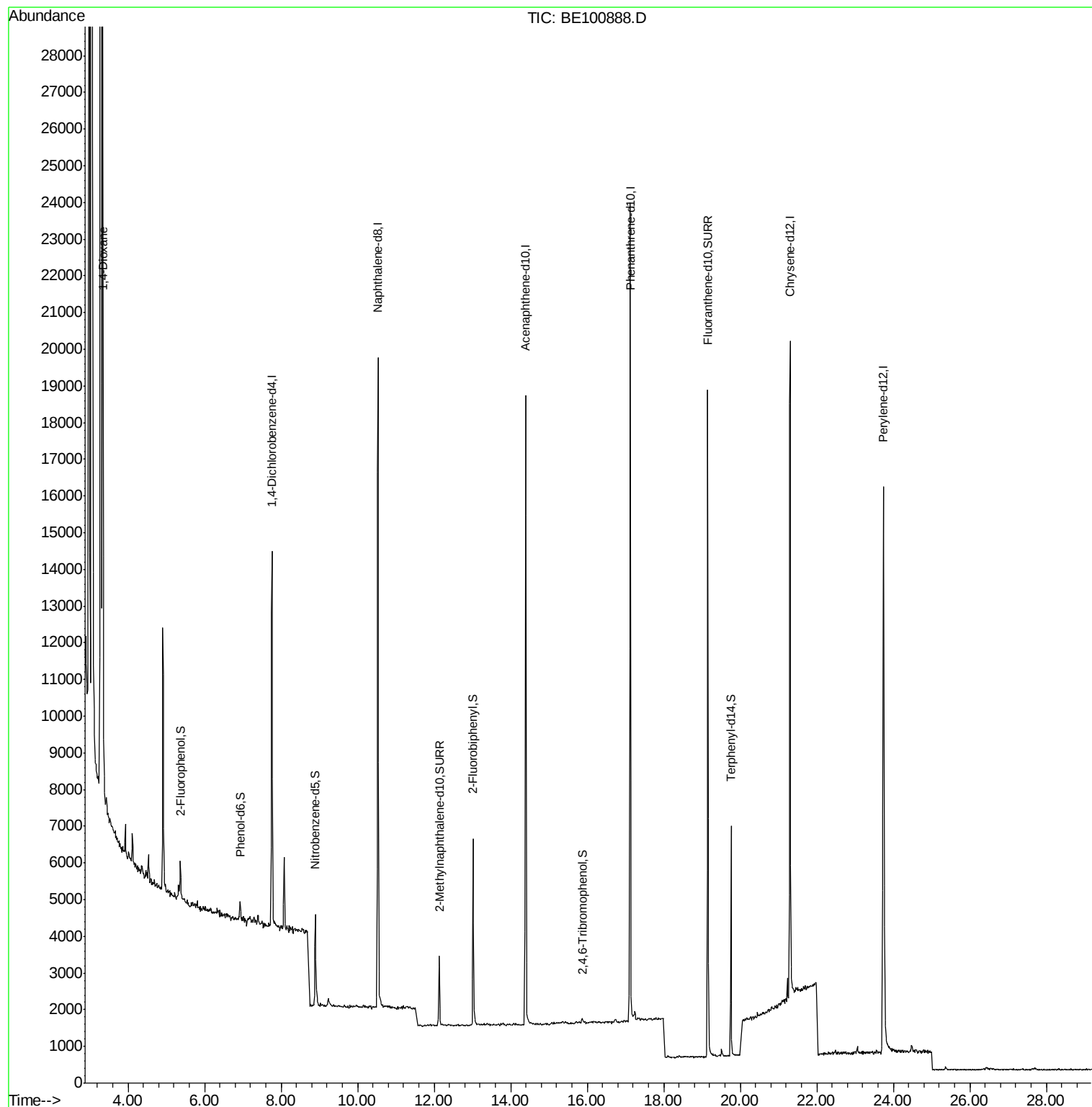
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4764	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21575	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11510	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29014	0.40	ng	0.00
27) Chrysene-d12	21.31	240	21152	0.40	ng	0.00
34) Perylene-d12	23.74	264	24832	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	502	0.04	ng	0.00
5) Phenol-d6	6.93	99	504	0.03	ng	0.00
8) Nitrobenzene-d5	8.90	82	1117	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	2903	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	113	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	4992	0.11	ng	0.00
25) Fluoranthene-d10	19.15	212	26118	0.08	ng	0.00
29) Terphenyl-d14	19.76	244	5727	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	15614	1.798	ng	89
32) Bis(2-ethylhexyl)phthalate	21.23	149	1156	Below Cal	#	97

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

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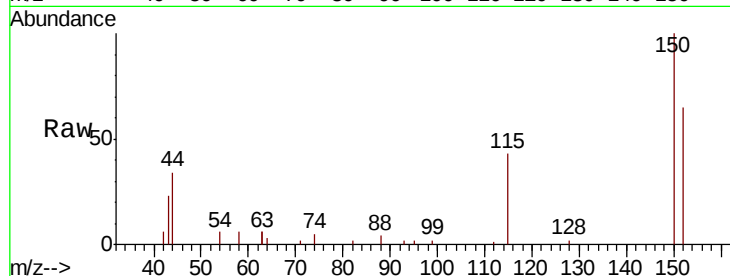


#1

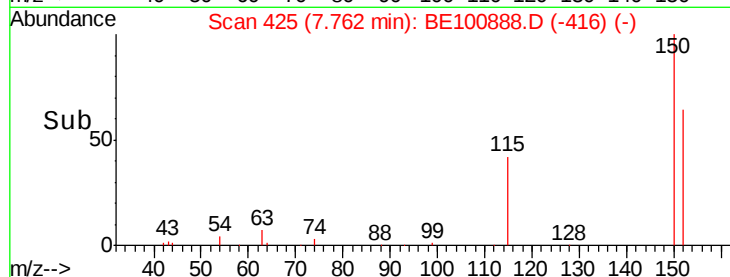
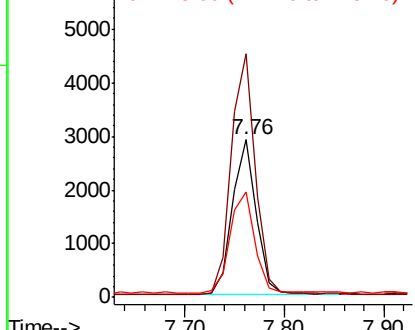
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4764
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 67.0 55.7 83.5



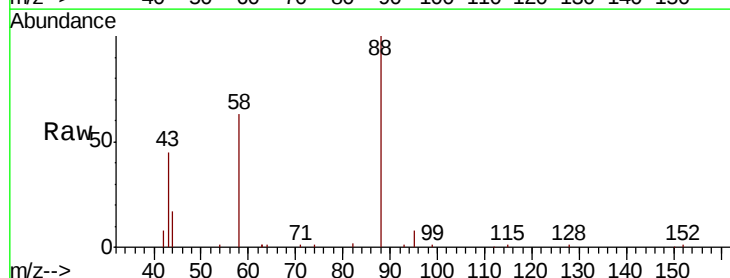
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



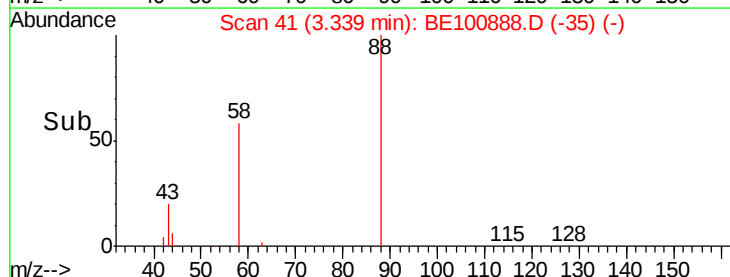
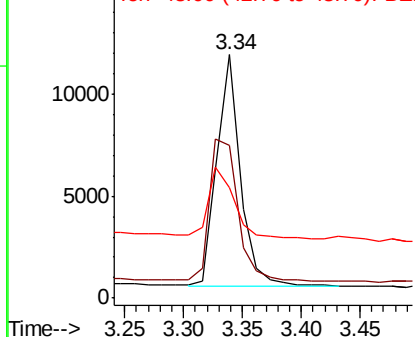
#2

1,4-Dioxane
Concen: 1.798 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

Tgt Ion: 88 Resp: 15614
Ion Ratio Lower Upper
88 100
58 74.6 52.3 78.5
43 35.0 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





#4

2-Fluorophenol

Concen: 0.044 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

Instrument :

BNA_E

ClientSampled :

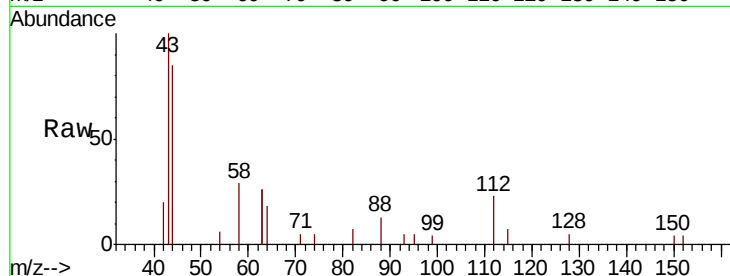
Tot Ion: 112 Resp: 502

Ion Ratio Lower Upper

112 100

64 66.3 54.5 81.7

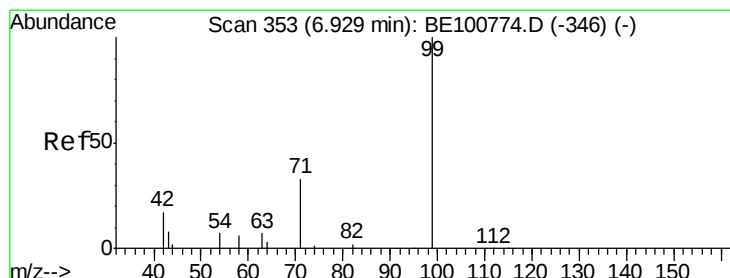
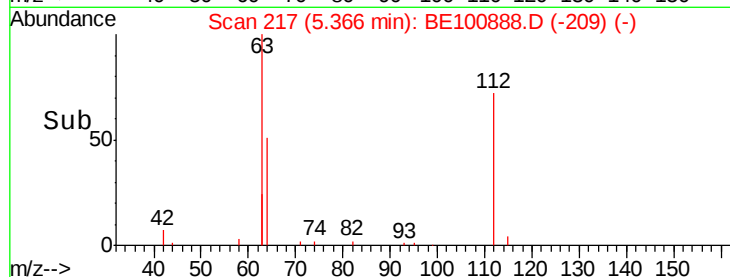
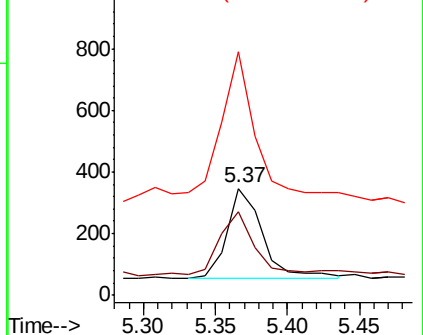
63 147.6 116.1 174.1



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: 0.030 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

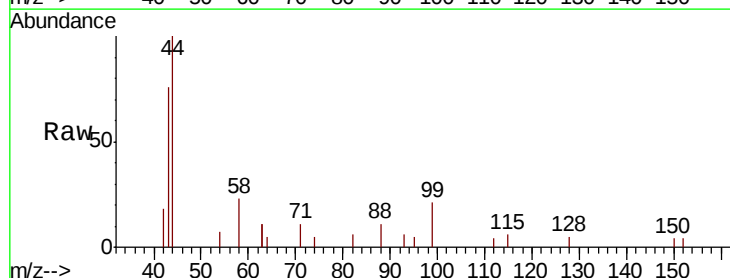
Tgt Ion: 99 Resp: 504

Ion Ratio Lower Upper

99 100

42 38.5 18.2 27.2#

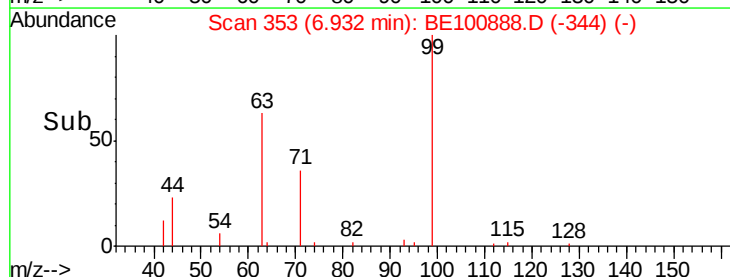
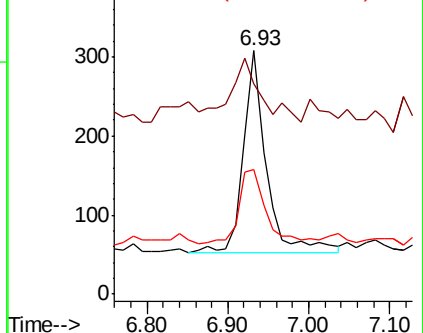
71 43.5 29.1 43.7



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: BE100888.D

Acq: 13 Dec 2019 15:51

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21575

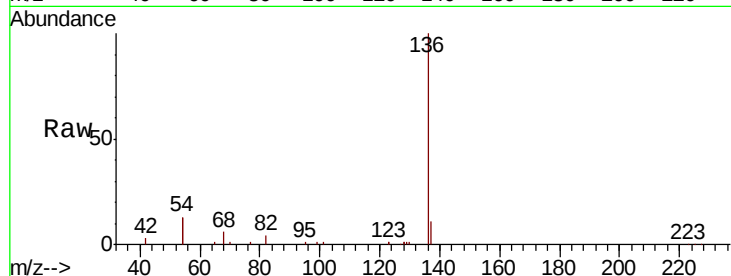
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 25.2 18.9 28.3

68 5.9 4.6 6.8

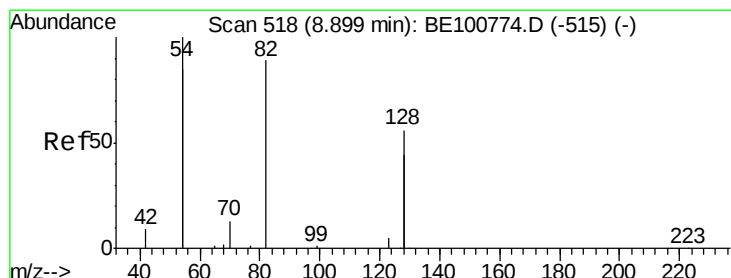
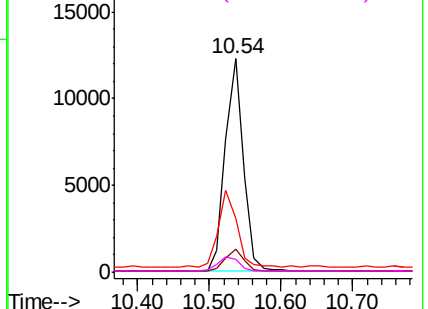
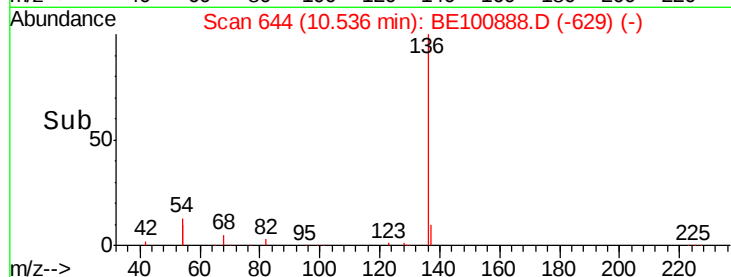


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.109 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

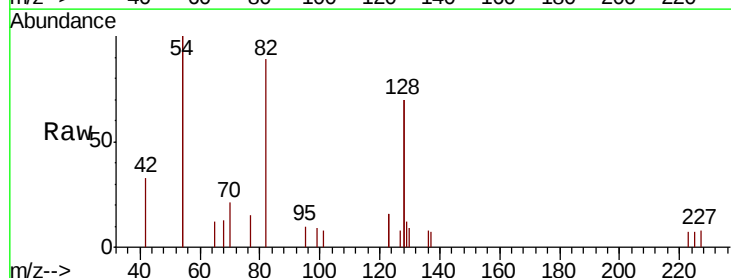
Tgt Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 157.2 113.5 170.3

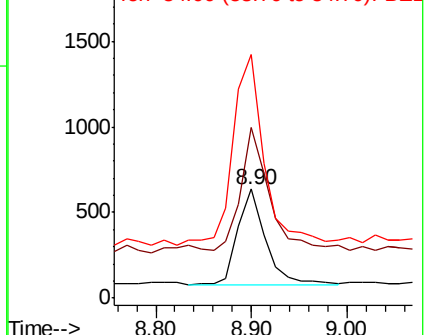
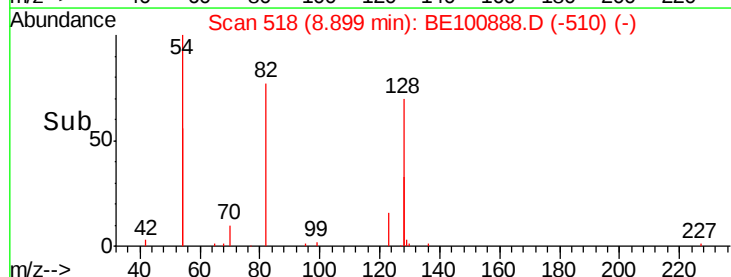
54 223.9 138.9 208.3#

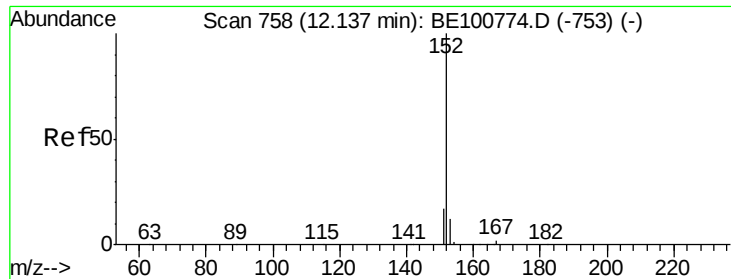


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

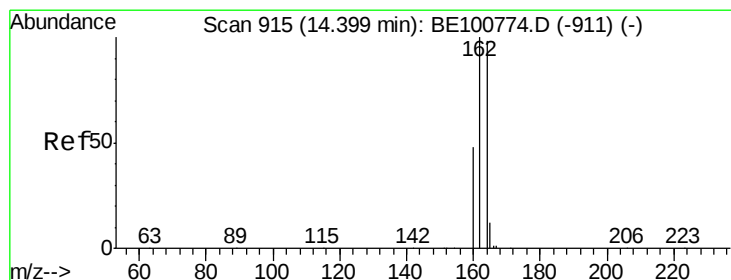
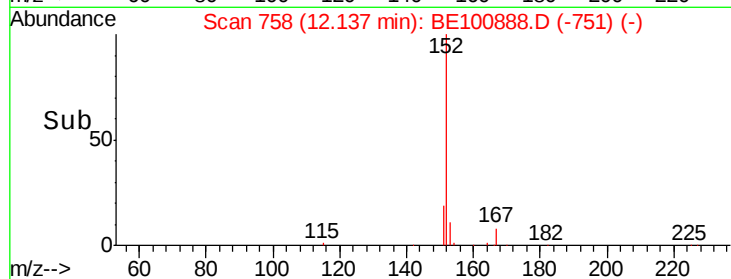
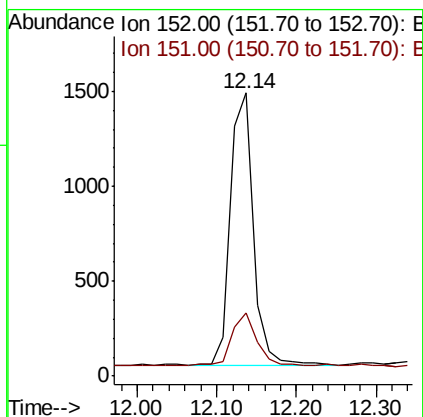
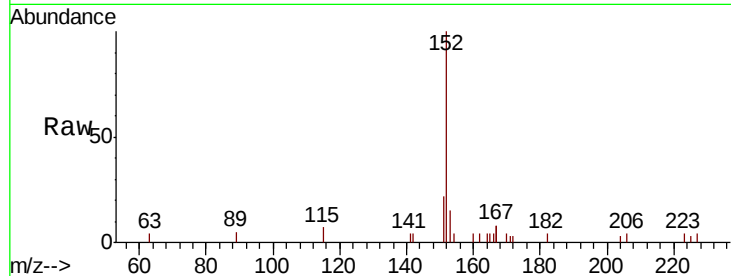




#11
 2-Methylnaphthalene-d10
 Concen: 0.093 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

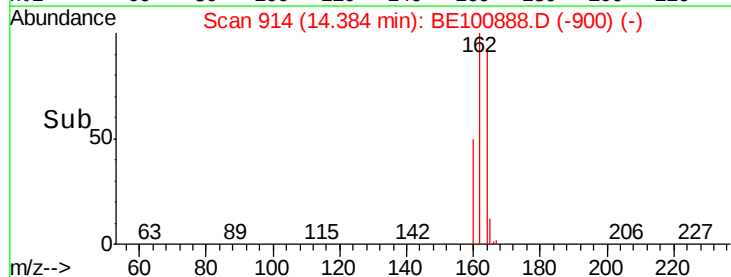
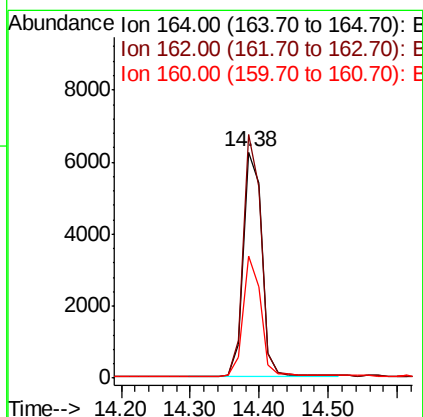
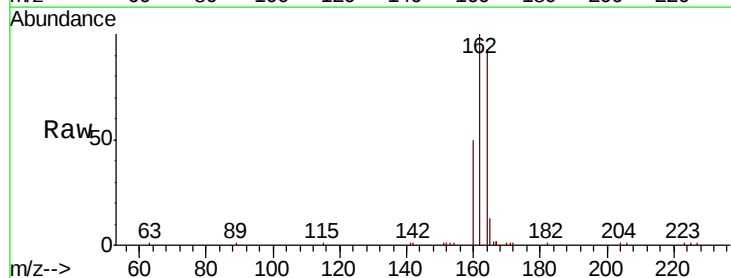
Instrument :
 BNA_E
 ClientSampleId :

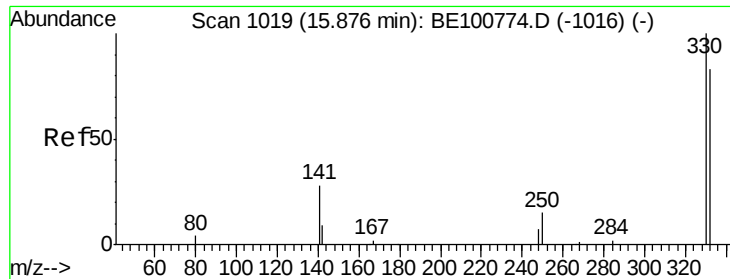
Tot Ion:152 Resp: 2903
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Tgt Ion:164 Resp: 11510
 Ion Ratio Lower Upper
 164 100
 162 107.8 86.0 129.0
 160 53.8 42.3 63.5

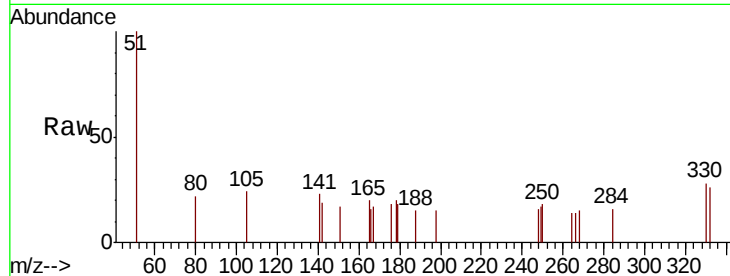




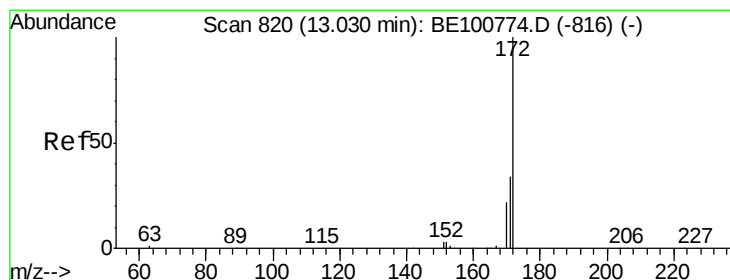
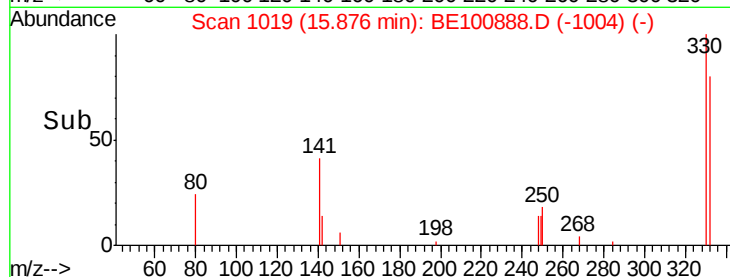
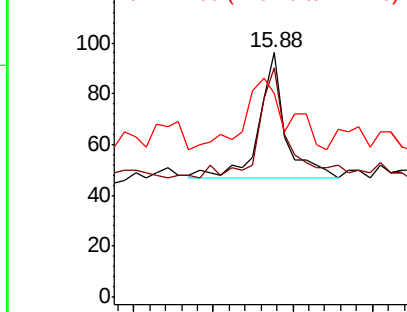
#14
 2,4,6-Tribromophenol
 Concen: 0.088 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 113
 Ion Ratio Lower Upper
 330 100
 332 90.3 74.1 111.1
 141 92.0 46.7 70.1#

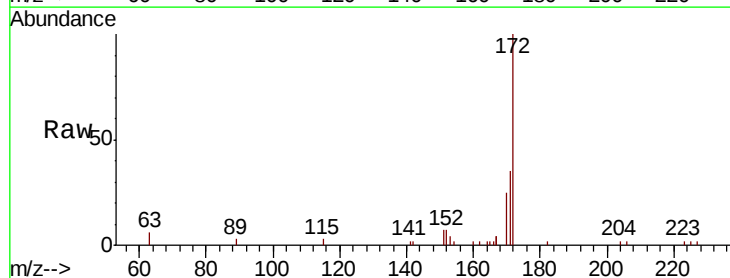


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

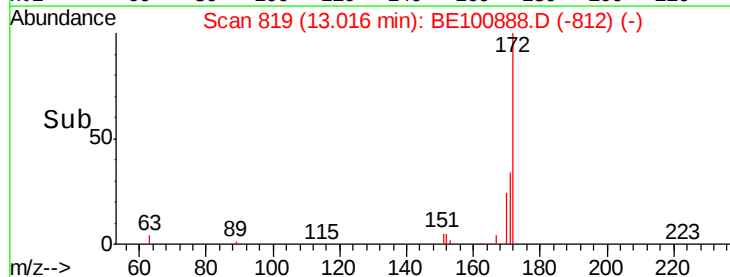
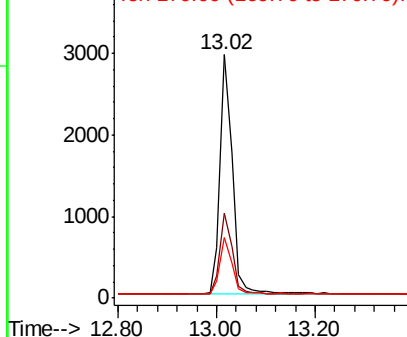


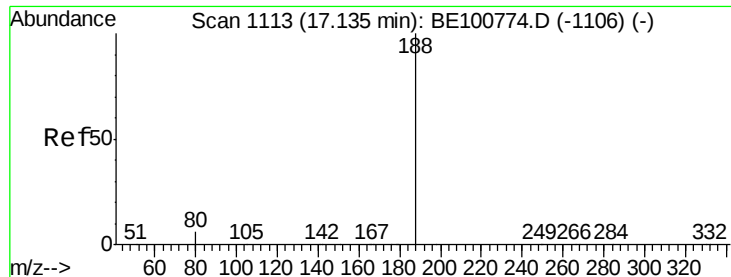
#15
 2-Fluorobiphenyl
 Concen: 0.109 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Tgt Ion:172 Resp: 4992
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.4
 170 25.1 19.4 29.0



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

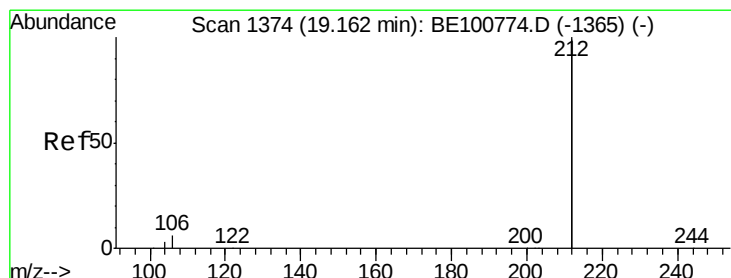
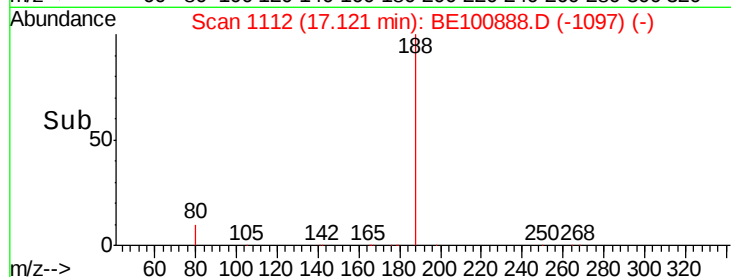
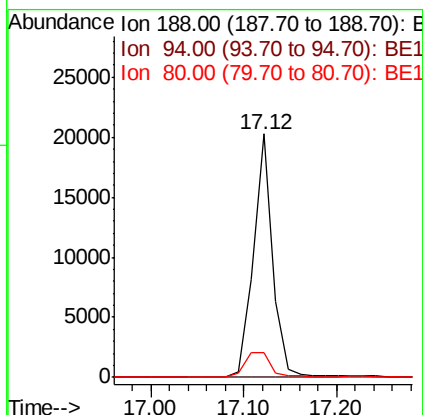
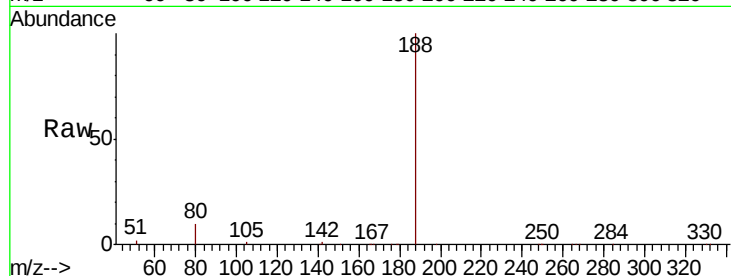




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

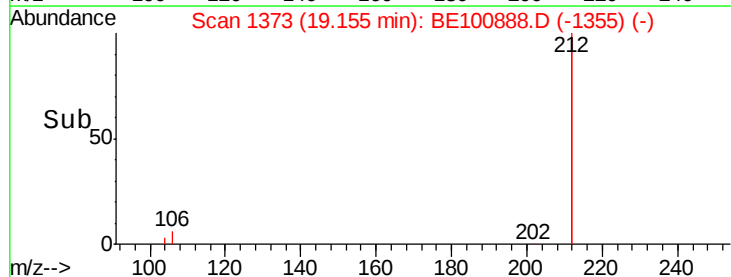
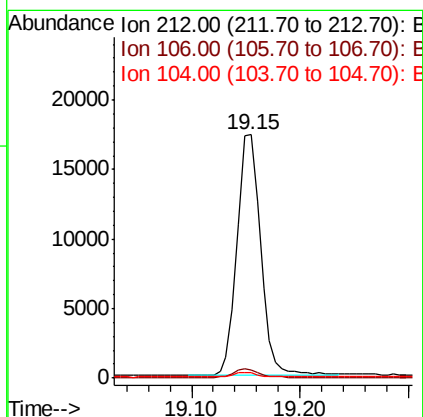
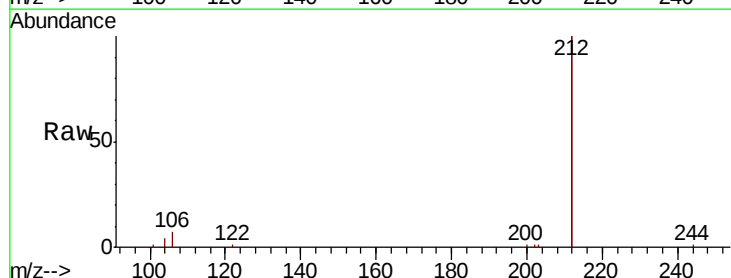
Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 29014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.9 11.9



#25
Fluoranthene-d10
Concen: 0.076 ng
RT: 19.15 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

Tgt Ion:212 Resp: 26118
Ion Ratio Lower Upper
212 100
106 3.4 2.6 4.0
104 2.1 1.4 2.2

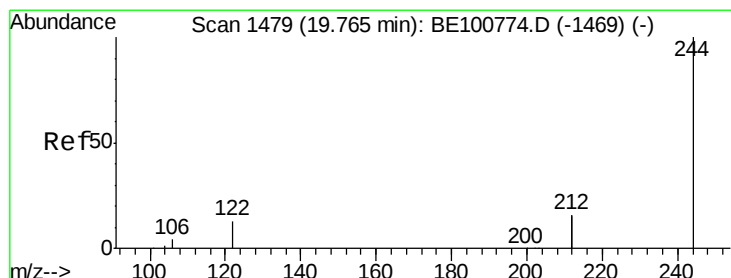
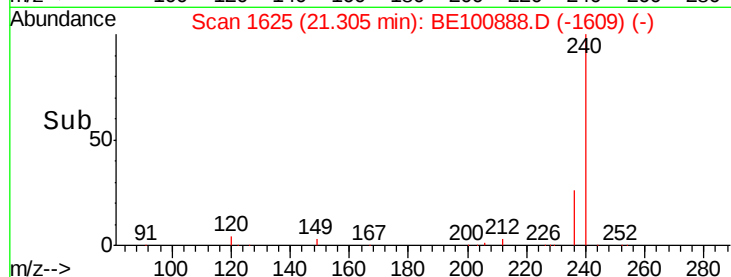
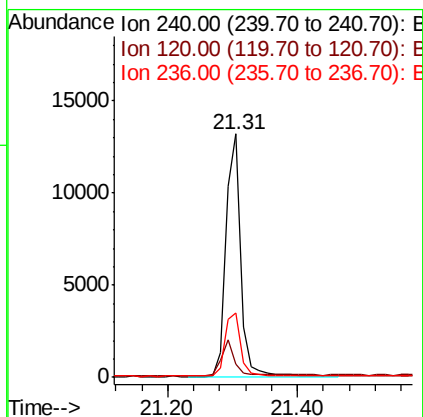
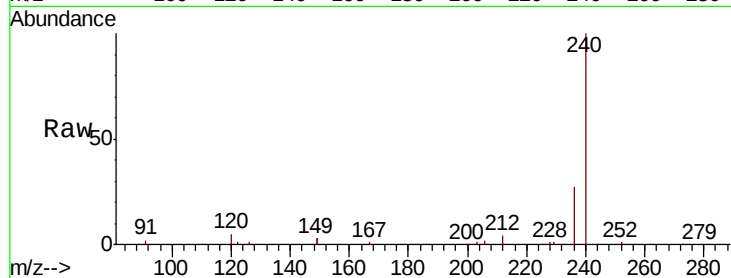




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

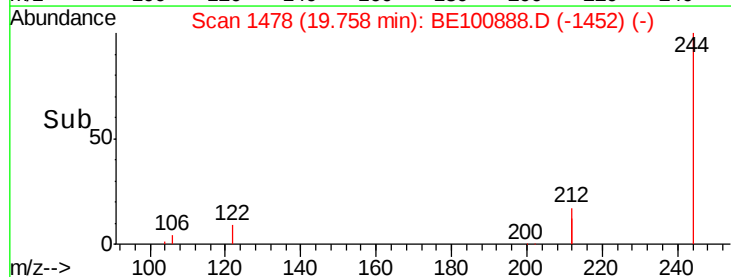
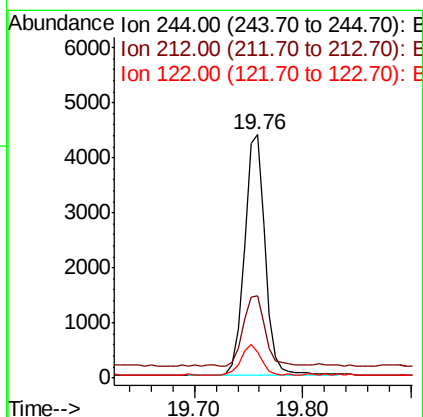
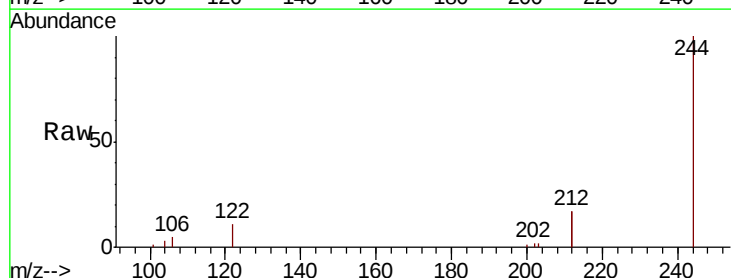
Instrument :
 BNA_E
 ClientSampleId :

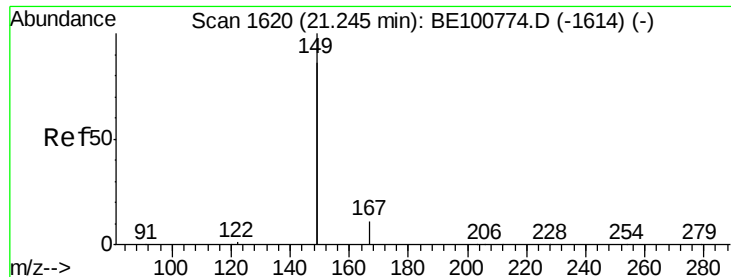
Tot Ion:240 Resp: 21152
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.0 6.0
 236 26.7 21.6 32.4



#29
 Terphenyl-d14
 Concen: 0.113 ng
 RT: 19.76 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Tgt Ion:244 Resp: 5727
 Ion Ratio Lower Upper
 244 100
 212 33.8 25.2 37.8
 122 10.7 8.9 13.3

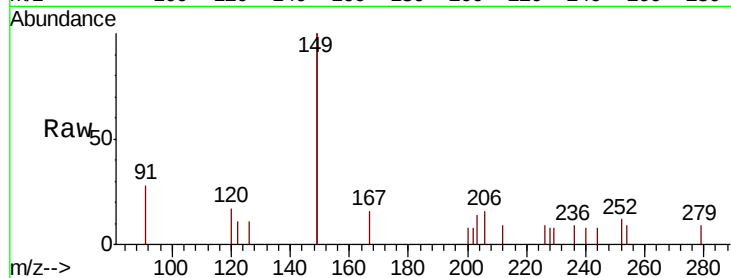




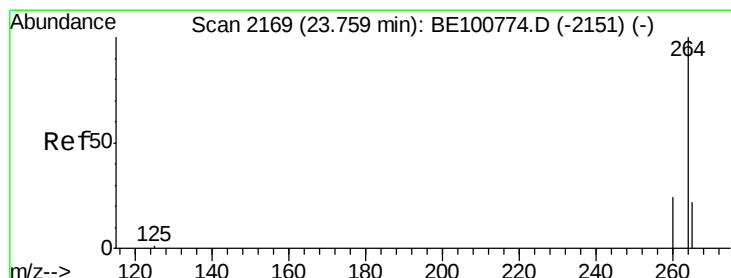
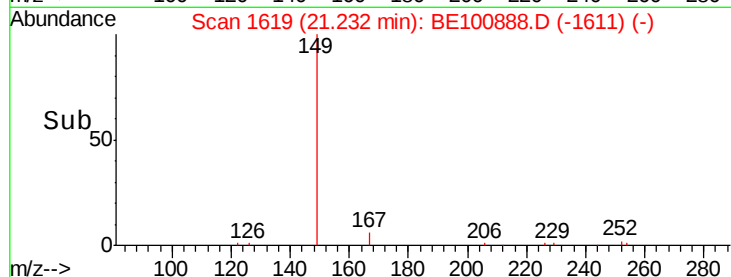
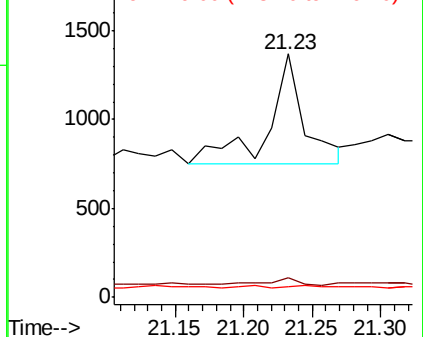
#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1156
 Ion Ratio Lower Upper
 149 100
 167 5.2 5.0 7.4
 279 1.0 0.6 1.0#

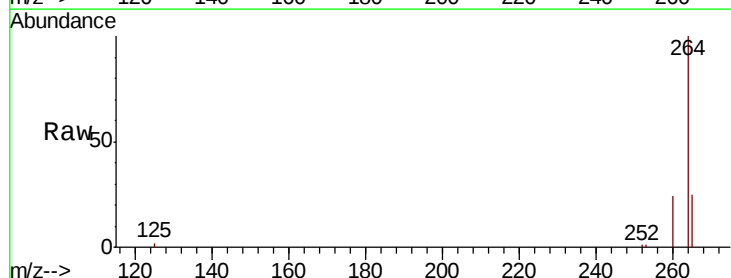


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Tgt Ion:264 Resp: 24832
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 25.3 20.1 30.1



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

