

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100879.D
 Acq On : 13 Dec 2019 10:19
 Operator : JU
 Sample : K6252-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 13 12:53:34 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

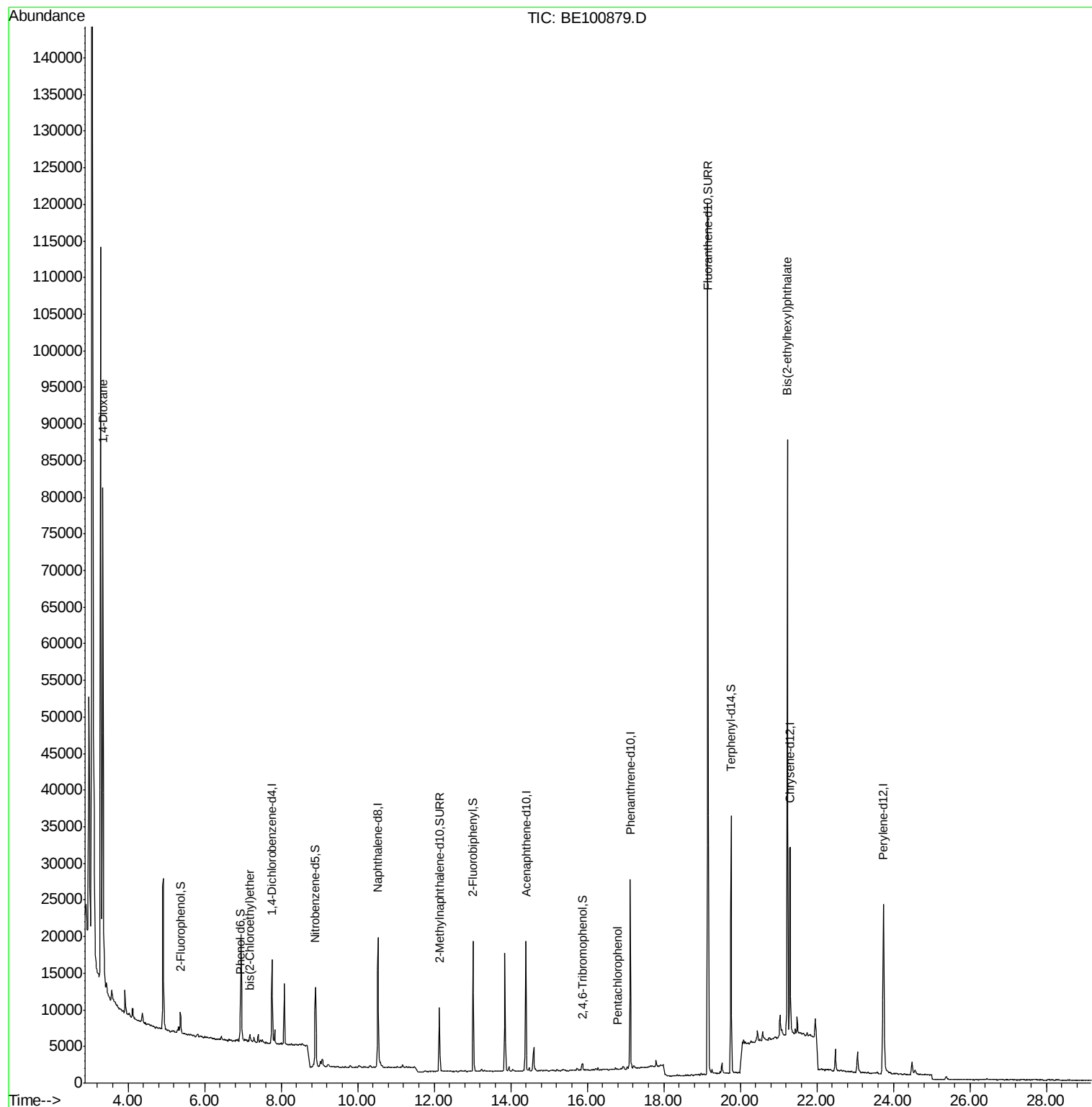
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4688	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20641	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12123	0.40	ng	0.01
19) Phenanthrene-d10	17.12	188	32168	0.40	ng	0.00
27) Chrysene-d12	21.31	240	30931	0.40	ng	0.00
34) Perylene-d12	23.74	264	34381	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1593	0.14	ng	0.00
5) Phenol-d6	6.93	99	1438	0.09	ng	0.00
8) Nitrobenzene-d5	8.90	82	4443	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	11891	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	601	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	16661	0.35	ng	0.00
25) Fluoranthene-d10	19.15	212	159994	0.42	ng	0.00
29) Terphenyl-d14	19.76	244	30661	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	42690	4.995	ng	89
6) bis(2-Chloroethyl)ether	7.18	93	389	0.024	ng	98
22) Pentachlorophenol	16.79	266	54	0.046	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.23	149	89436	1.213	ng	99

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

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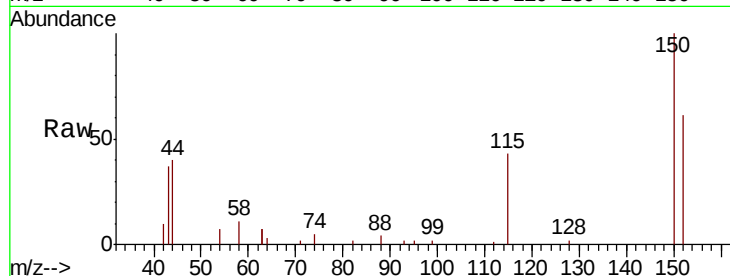


#1

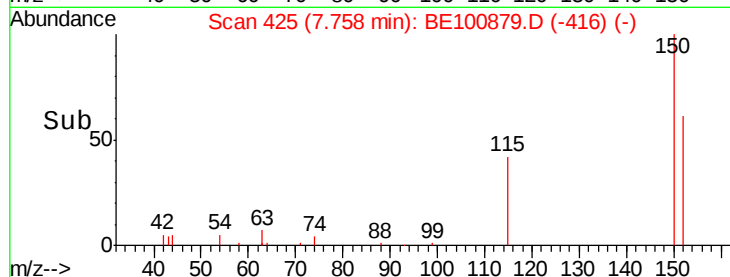
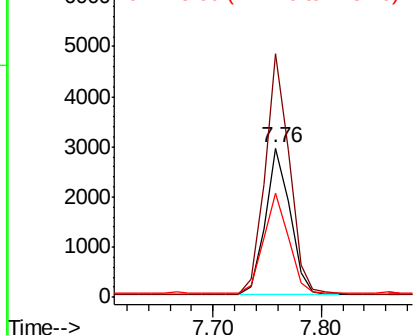
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100879.D
Acq: 13 Dec 2019 10:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4688
Ion Ratio Lower Upper
152 100
150 163.2 125.5 188.3
115 69.7 55.7 83.5



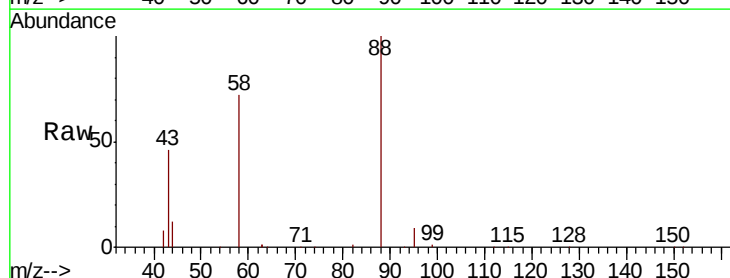
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



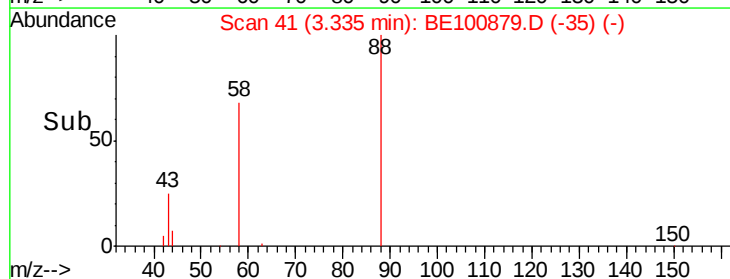
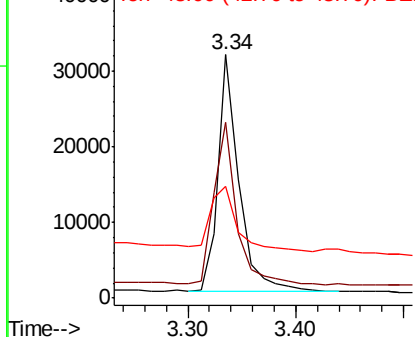
#2

1,4-Dioxane
Concen: 4.995 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100879.D
Acq: 13 Dec 2019 10:19

Tgt Ion: 88 Resp: 42690
Ion Ratio Lower Upper
88 100
58 73.9 52.3 78.5
43 35.2 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: 0.143 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100879.D

Acq: 13 Dec 2019 10:19

Instrument :

BNA_E

ClientSampleId :

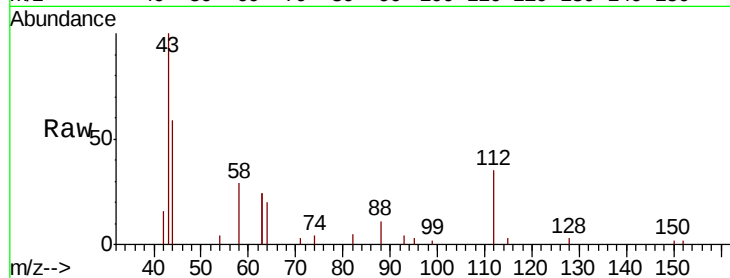
Tot Ion:112 Resp: 1593

Ion Ratio Lower Upper

112 100

64 68.1 54.5 81.7

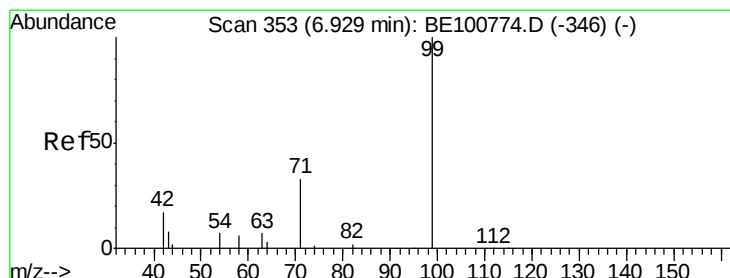
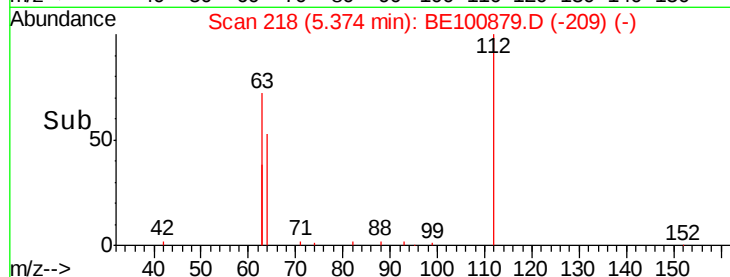
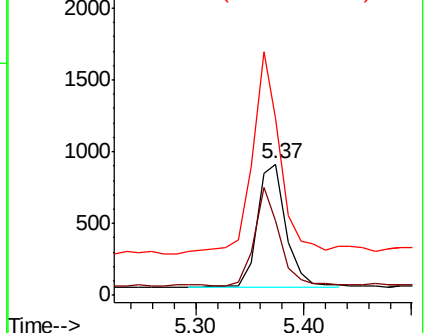
63 147.1 116.1 174.1



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: 0.086 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100879.D

Acq: 13 Dec 2019 10:19

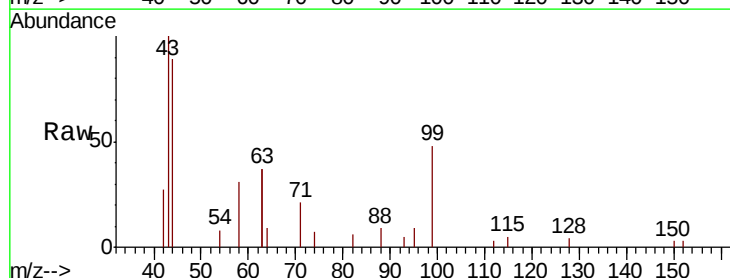
Tgt Ion: 99 Resp: 1438

Ion Ratio Lower Upper

99 100

42 0.0 18.2 27.2#

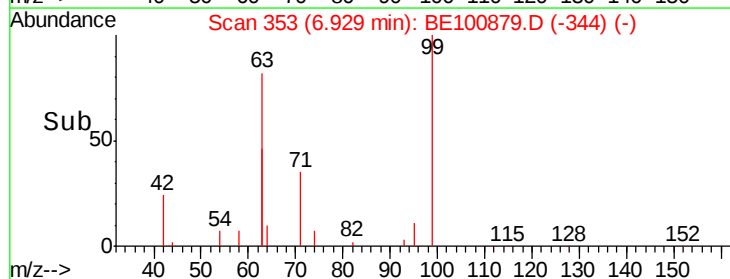
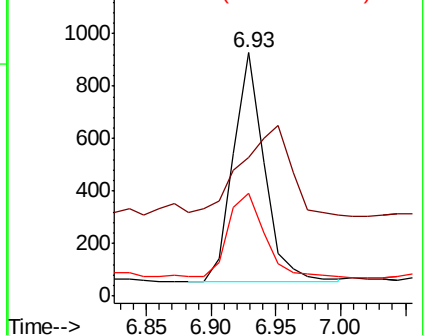
71 45.2 29.1 43.7#

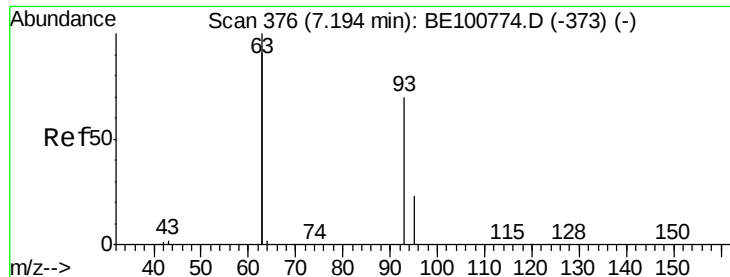


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100879.D

Acq: 13 Dec 2019 10:19

Instrument :

BNA_E

ClientSampleId :

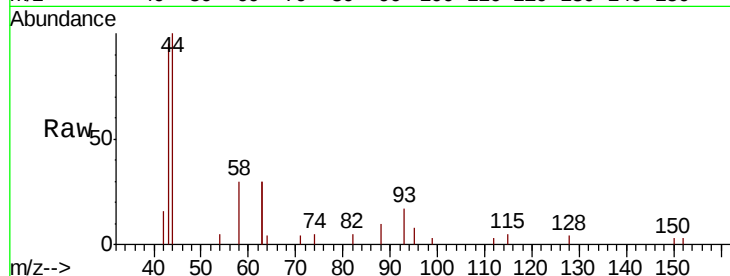
Tot Ion: 93 Resp: 389

Ion Ratio Lower Upper

93 100

63 319.8 253.9 380.9

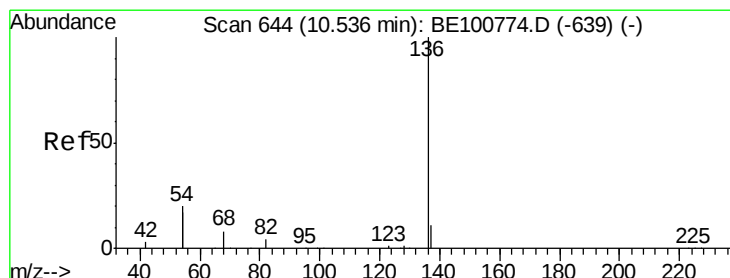
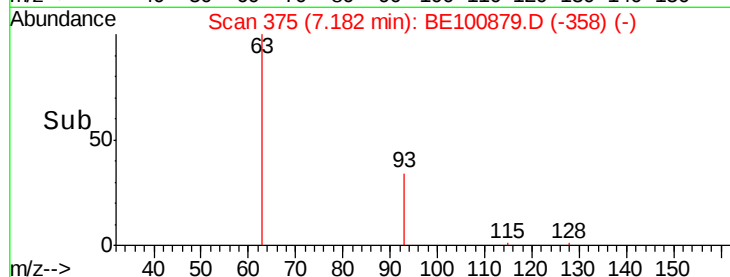
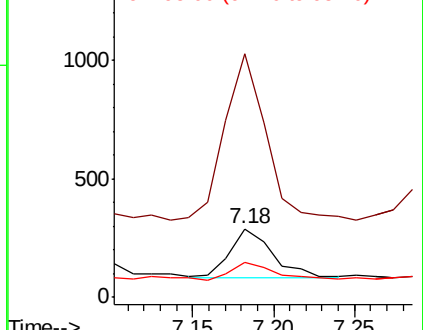
95 36.8 25.0 37.6



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100879.D

Acq: 13 Dec 2019 10:19

Tgt Ion: 136 Resp: 20641

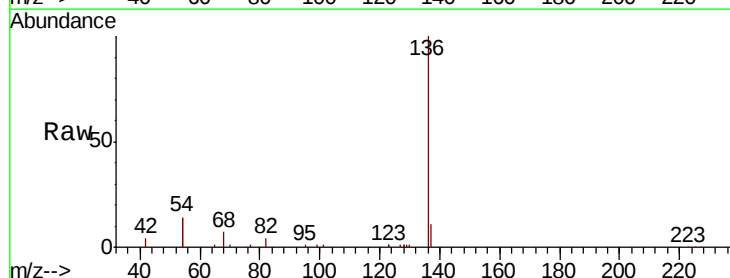
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 28.7 18.9 28.3#

68 6.6 4.6 6.8

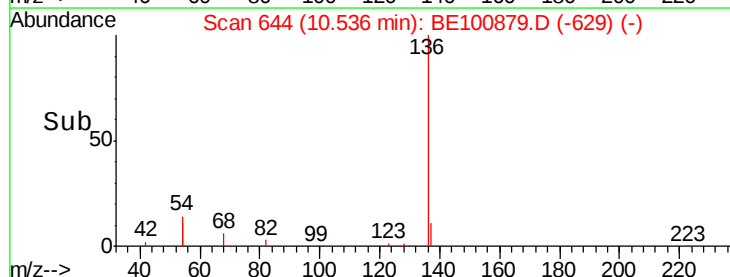
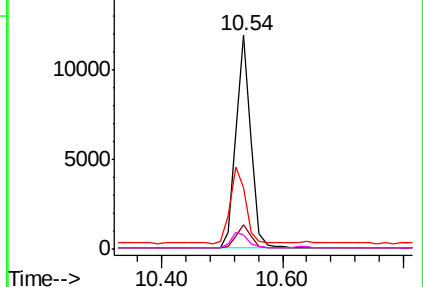


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.452 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100879.D

Acq: 13 Dec 2019 10:19

Instrument :

BNA_E

ClientSampleId :

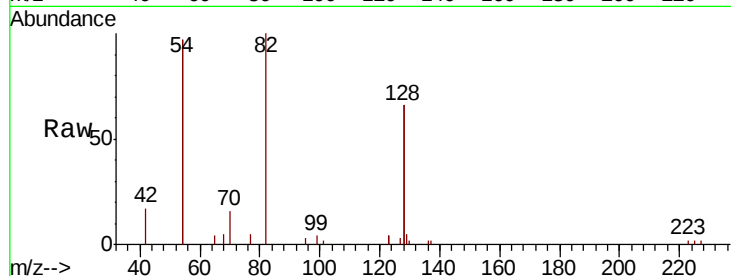
Tot Ion: 82 Resp: 4443

Ion Ratio Lower Upper

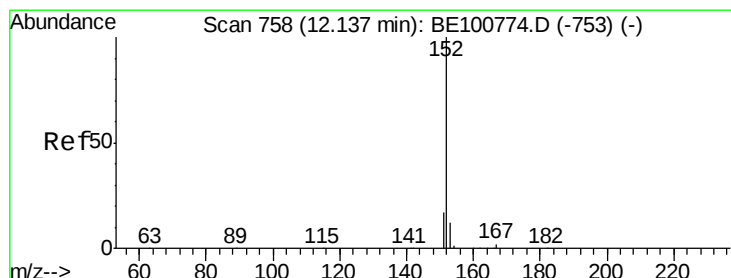
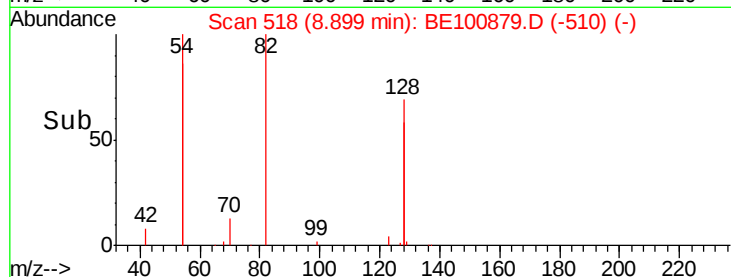
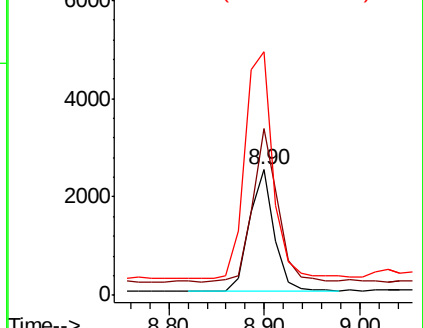
82 100

128 132.9 113.5 170.3

54 193.6 138.9 208.3



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: 0.398 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100879.D

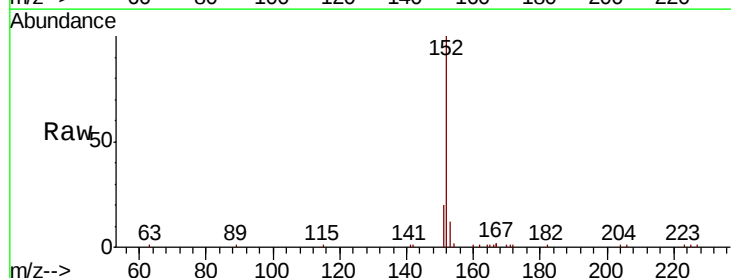
Acq: 13 Dec 2019 10:19

Tgt Ion:152 Resp: 11891

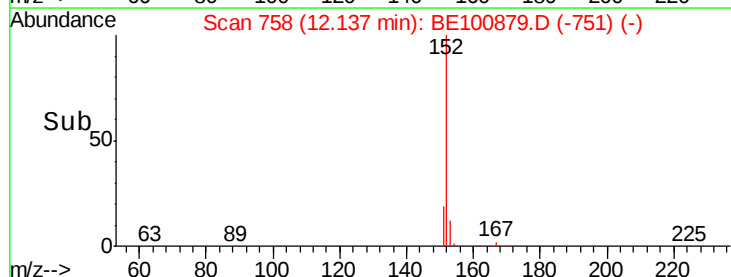
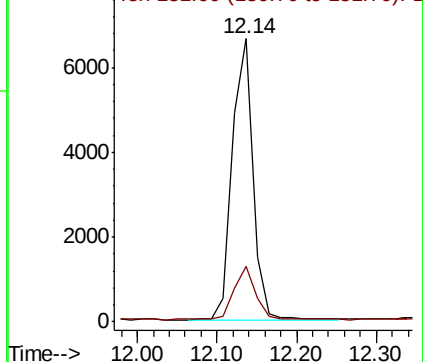
Ion Ratio Lower Upper

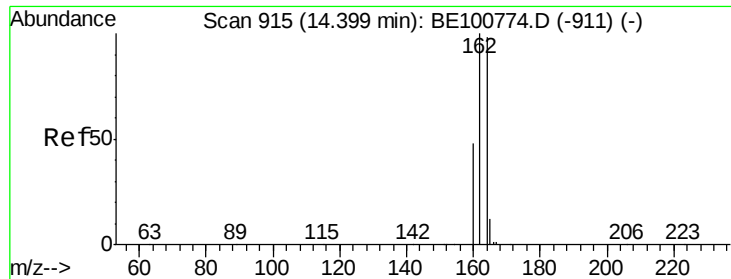
152 100

151 19.5 15.1 22.7



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

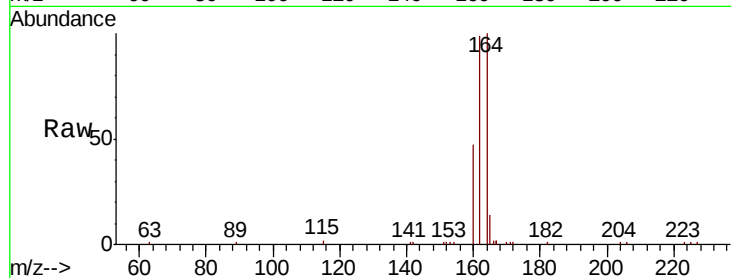




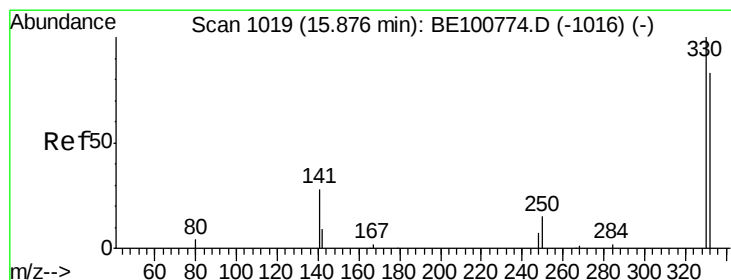
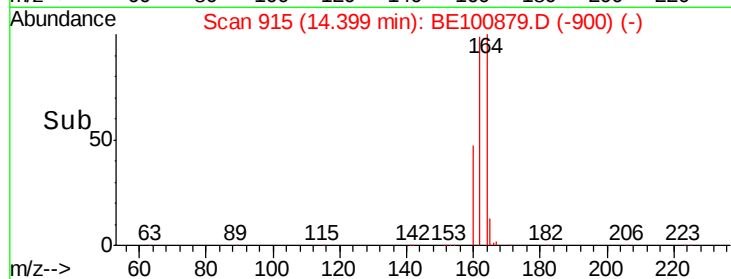
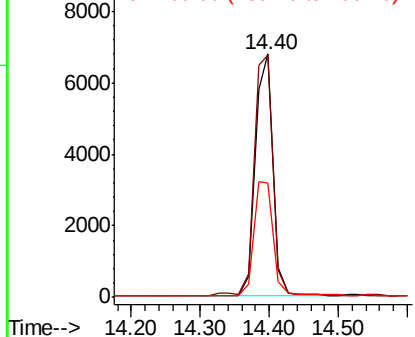
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.01 min
Lab File: BE100879.D
Acq: 13 Dec 2019 10:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 12123
Ion Ratio Lower Upper
164 100
162 99.3 86.0 129.0
160 47.1 42.3 63.5

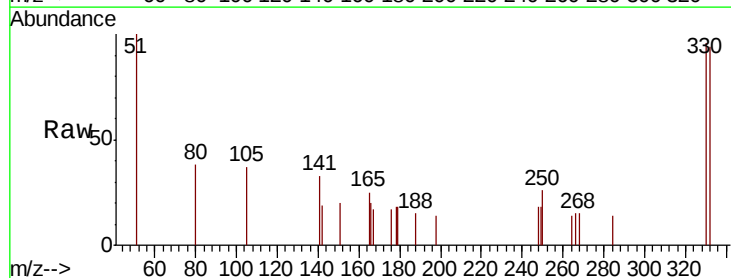


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

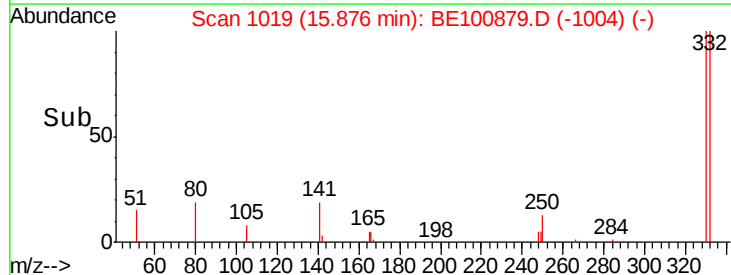
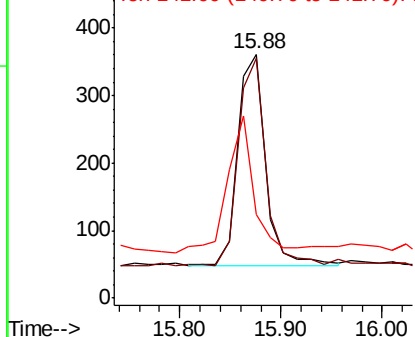


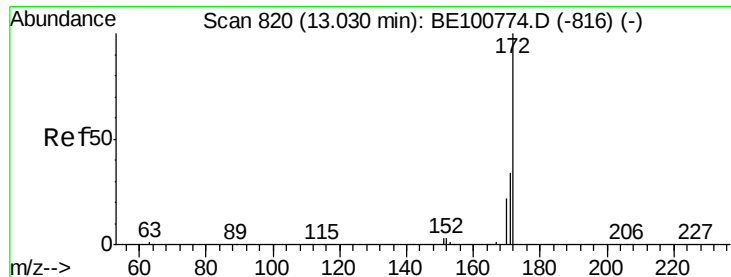
#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100879.D
Acq: 13 Dec 2019 10:19

Tgt Ion:330 Resp: 601
Ion Ratio Lower Upper
330 100
332 93.8 74.1 111.1
141 61.4 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

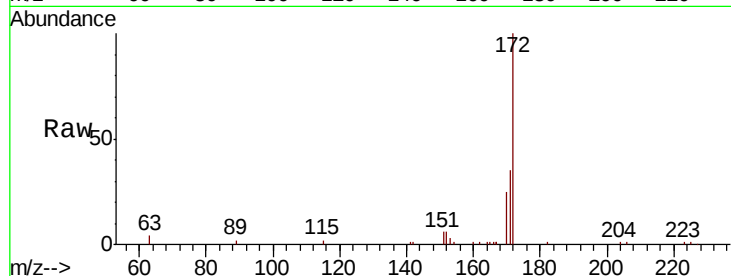




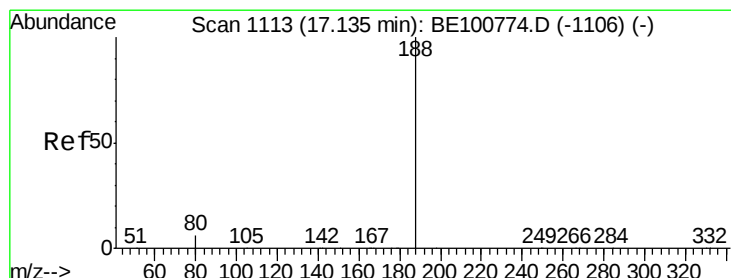
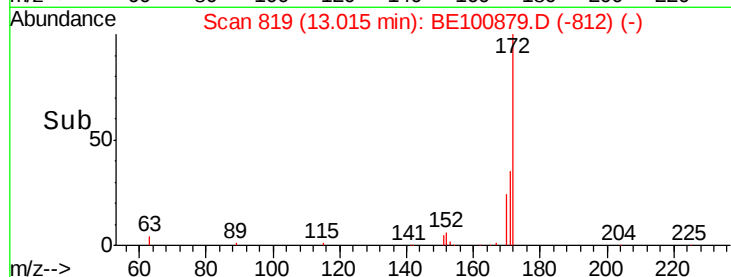
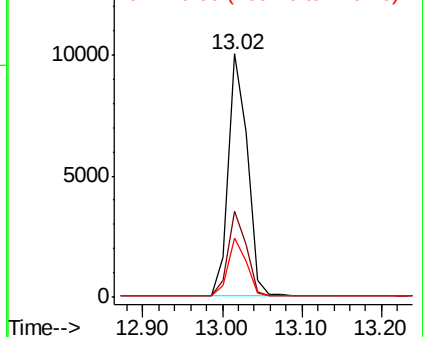
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100879.D
Acq: 13 Dec 2019 10:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 16661
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 24.6 19.4 29.0

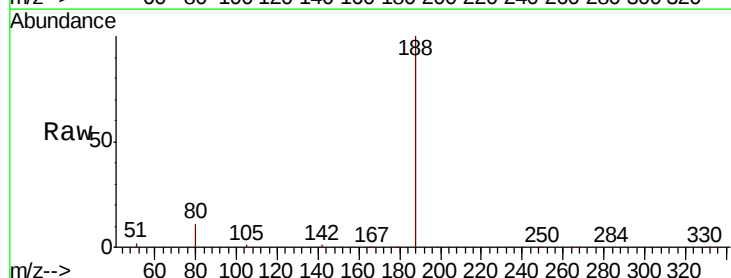


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

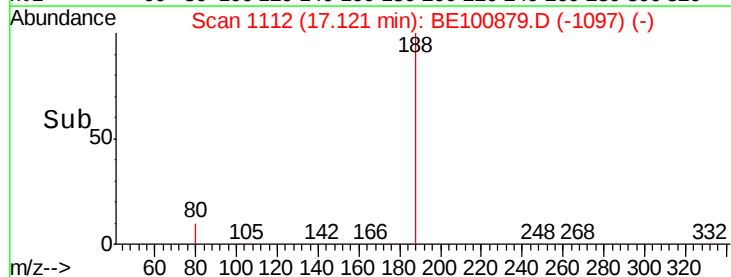
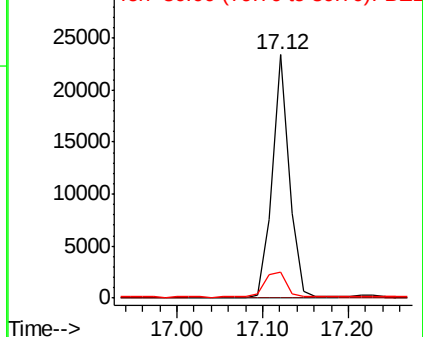


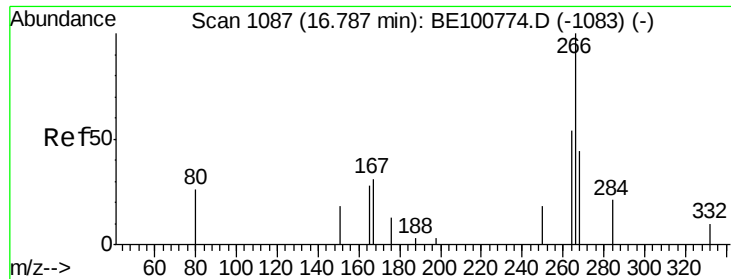
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100879.D
Acq: 13 Dec 2019 10:19

Tgt Ion:188 Resp: 32168
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 7.9 11.9



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

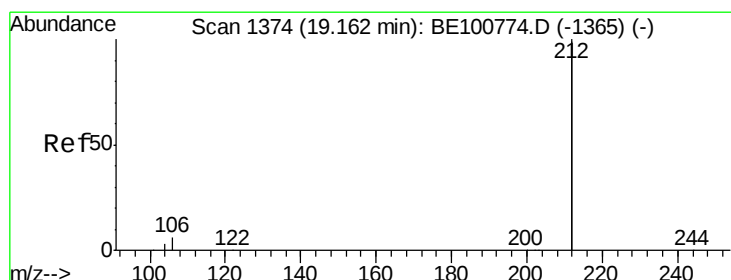
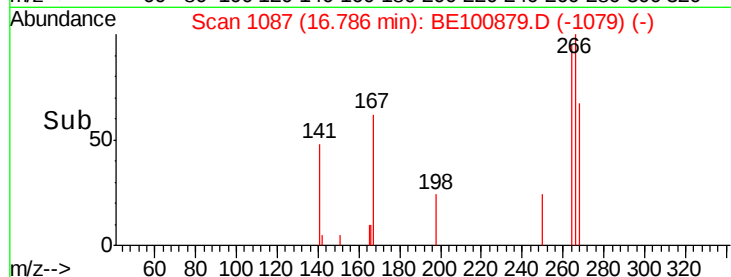
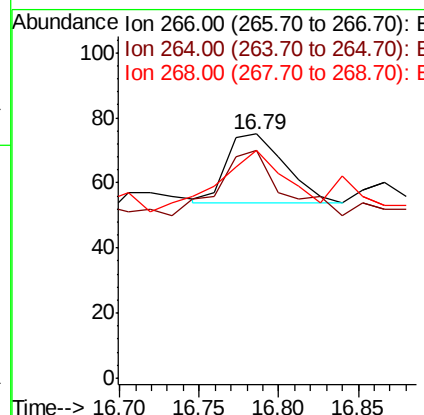
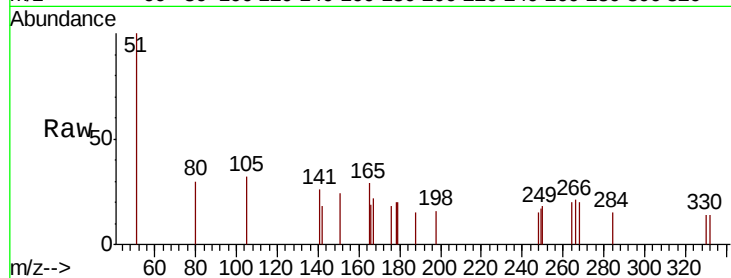




#22
 Pentachlorophenol
 Concen: 0.046 ng
 RT: 16.79 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BE100879.D
 Acq: 13 Dec 2019 10:19

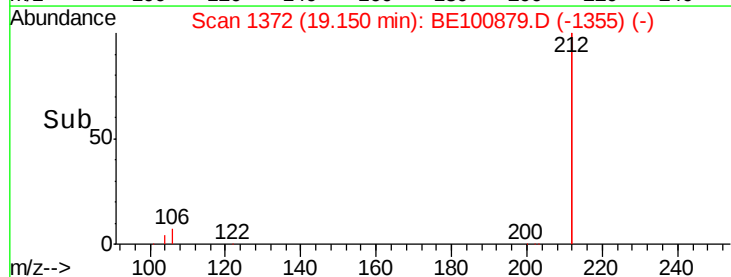
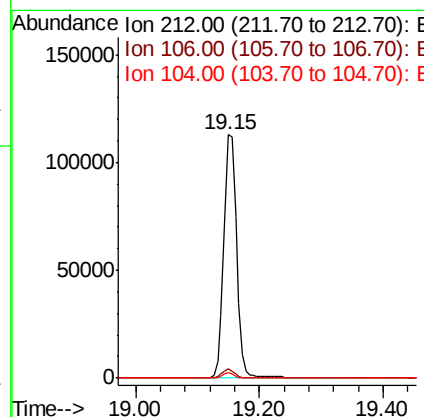
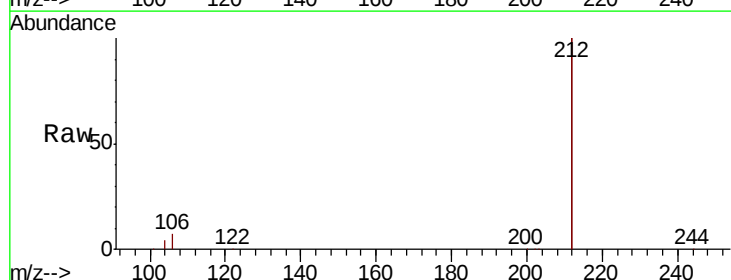
Instrument :
 BNA_E
 ClientSampleId :

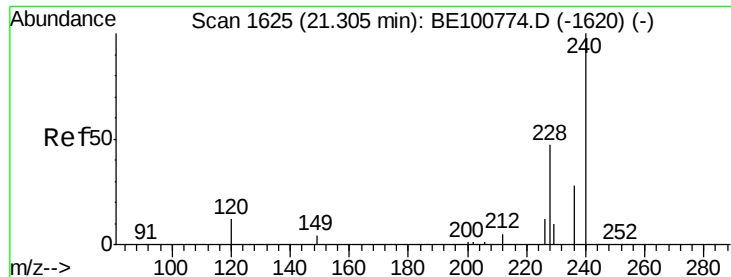
Tot Ion:266 Resp: 54
 Ion Ratio Lower Upper
 266 100
 264 93.3 55.1 82.7#
 268 93.3 50.7 76.1#



#25
 Fluoranthene-d10
 Concen: 0.421 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BE100879.D
 Acq: 13 Dec 2019 10:19

Tgt Ion:212 Resp: 159994
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.6 4.0
 104 1.9 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: BE100879.D

Acq: 13 Dec 2019 10:19

Instrument :

BNA_E

ClientSampleId :

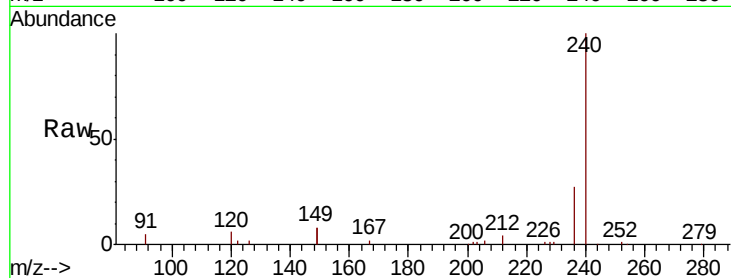
Tot Ion:240 Resp: 30931

Ion Ratio Lower Upper

240 100

120 5.6 4.0 6.0

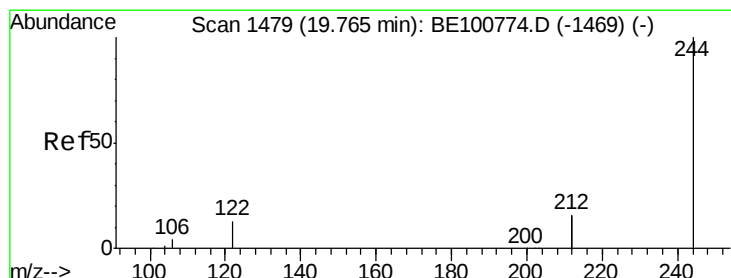
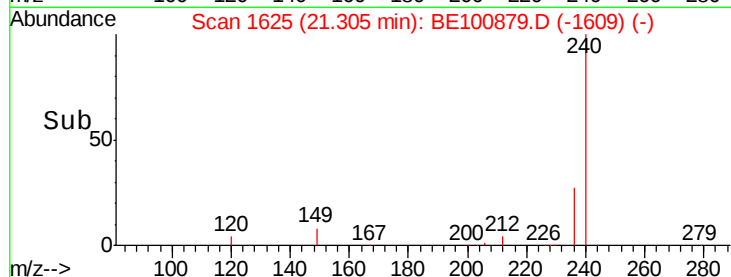
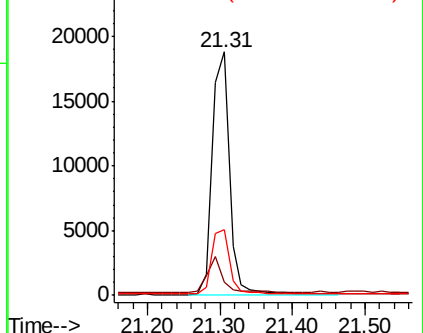
236 27.0 21.6 32.4



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: 0.414 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100879.D

Acq: 13 Dec 2019 10:19

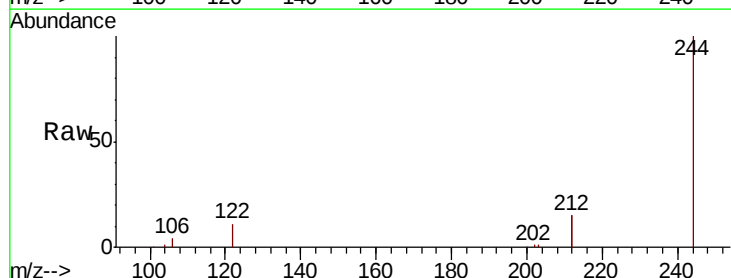
Tgt Ion:244 Resp: 30661

Ion Ratio Lower Upper

244 100

212 30.8 25.2 37.8

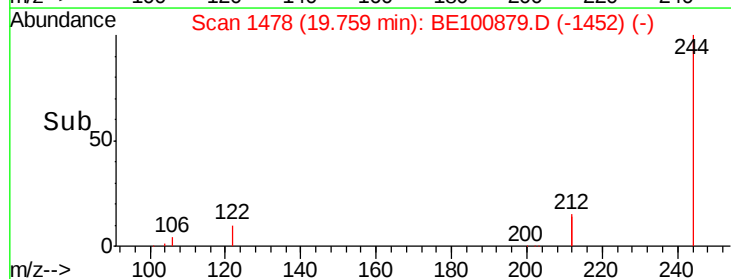
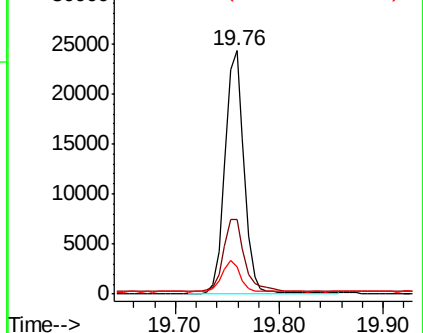
122 11.3 8.9 13.3

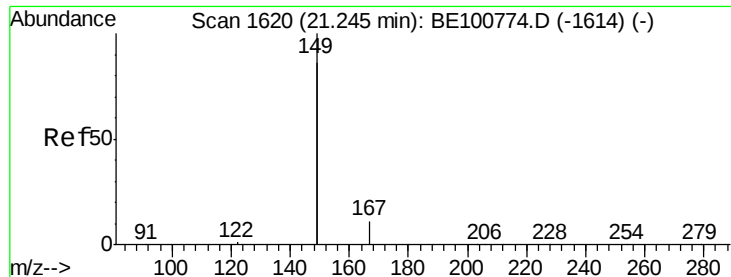


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

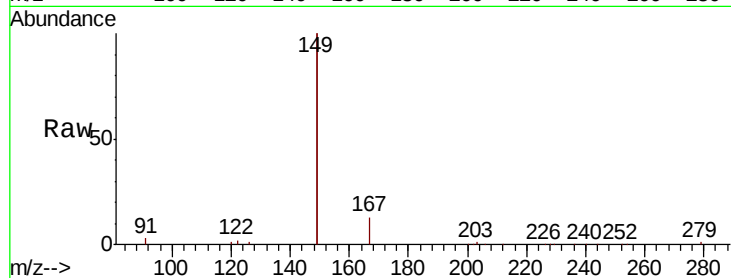




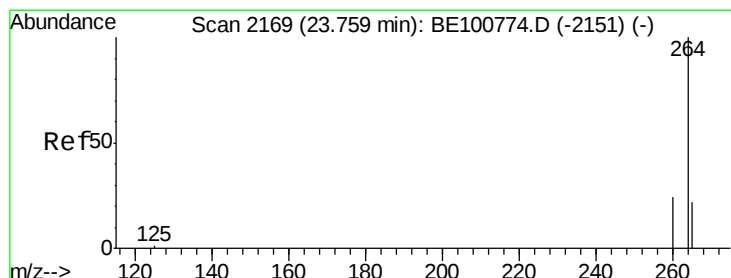
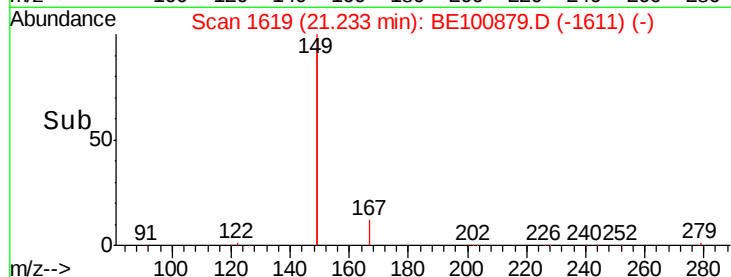
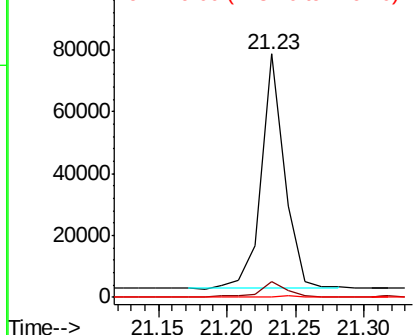
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.213 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100879.D
 Acq: 13 Dec 2019 10:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 89436
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.0 7.4
 279 0.7 0.6 1.0

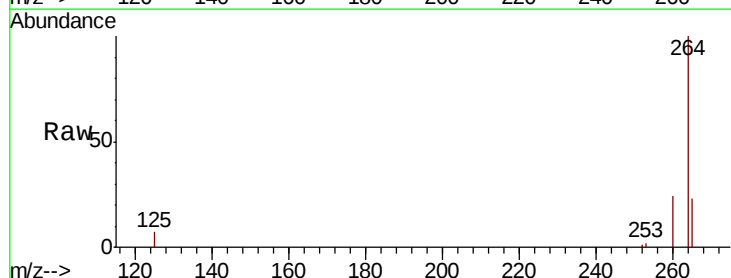


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BE100879.D
 Acq: 13 Dec 2019 10:19

Tgt Ion:264 Resp: 34381
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 23.3 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

