

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100899.D
 Acq On : 13 Dec 2019 23:27
 Operator : JU
 Sample : K6251-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 03:08:14 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

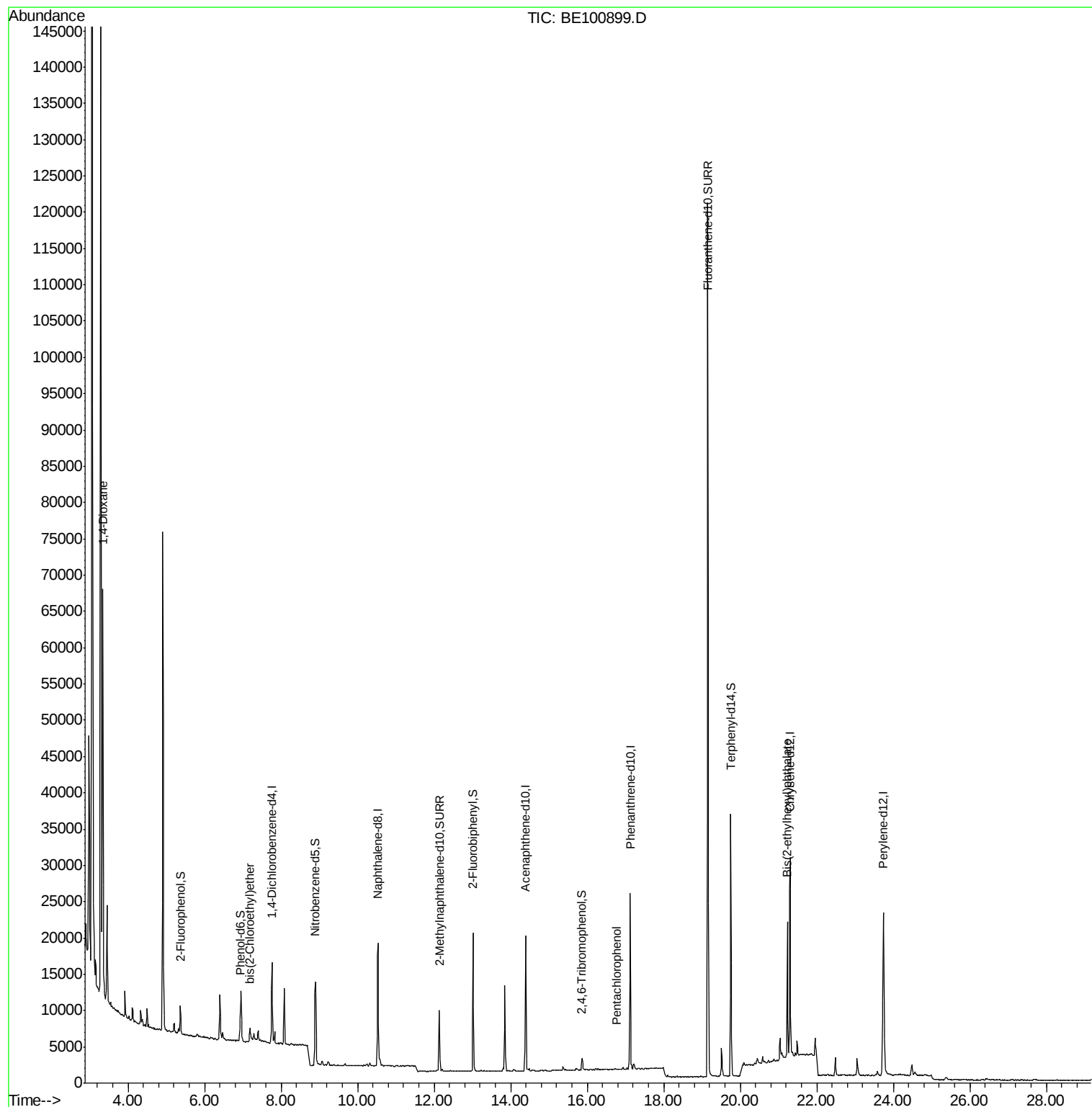
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4735	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20799	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12200	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31963	0.40	ng	0.00
27) Chrysene-d12	21.30	240	30464	0.40	ng	0.00
34) Perylene-d12	23.74	264	34909	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1915	0.17	ng	-0.01
5) Phenol-d6	6.93	99	1889	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	5149	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12322	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	932	0.69	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	16772	0.35	ng	0.00
25) Fluoranthene-d10	19.15	212	152348	0.40	ng	0.00
29) Terphenyl-d14	19.75	244	29981	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	35087	4.064	ng	# 89
6) bis(2-Chloroethyl)ether	7.18	93	718	0.044	ng	# 93
22) Pentachlorophenol	16.77	266	31	0.026	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.23	149	19834	0.306	ng	98

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

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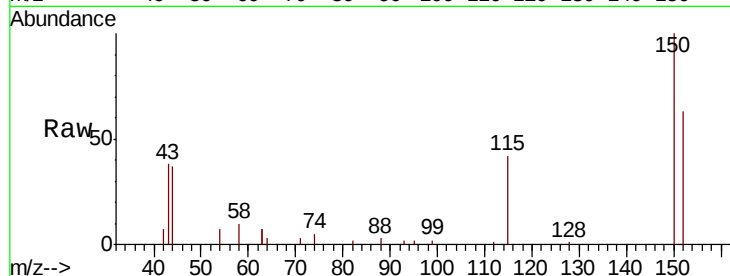


#1

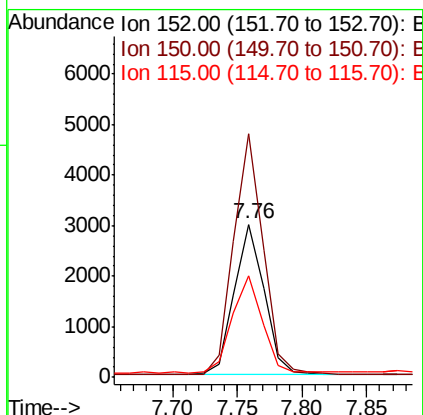
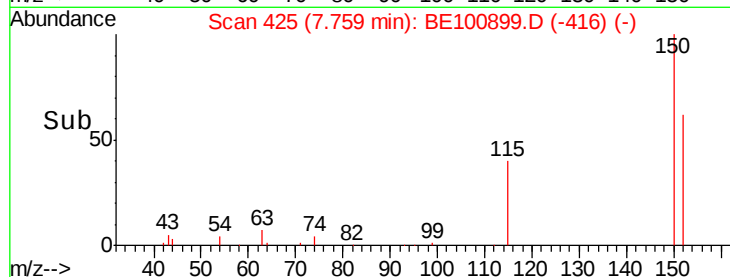
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4735
Ion Ratio Lower Upper
152 100
150 158.8 125.5 188.3
115 66.1 55.7 83.5



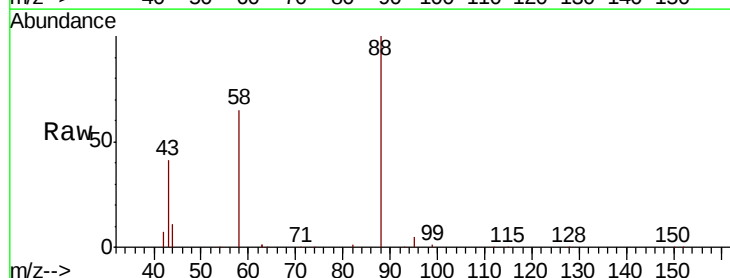
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



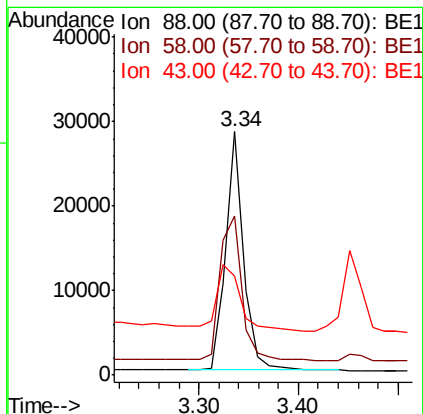
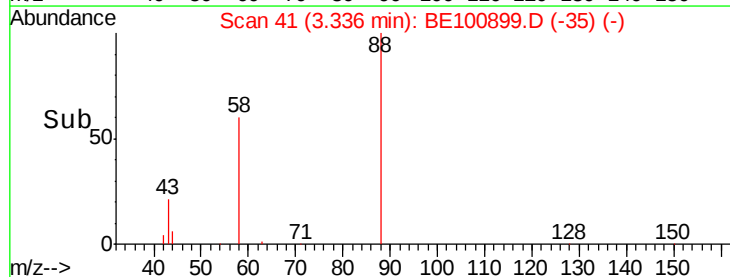
#2

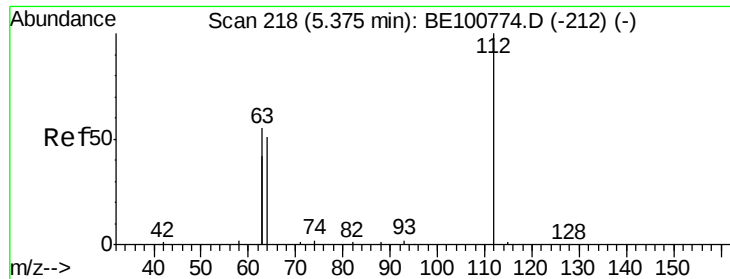
1,4-Dioxane
Concen: 4.064 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

Tgt Ion: 88 Resp: 35087
Ion Ratio Lower Upper
88 100
58 73.7 52.3 78.5
43 36.1 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: 0.170 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100899.D

Acq: 13 Dec 2019 23:27

Instrument :

BNA_E

ClientSampled :

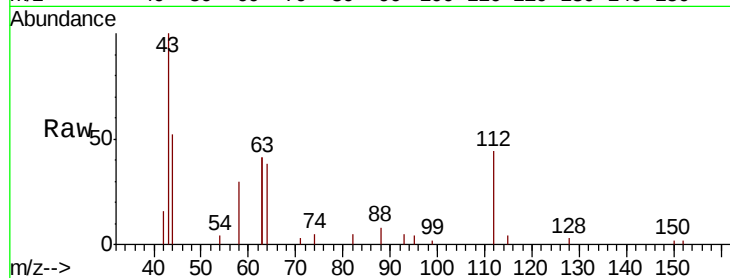
Tot Ion:112 Resp: 1915

Ion Ratio Lower Upper

112 100

64 70.9 54.5 81.7

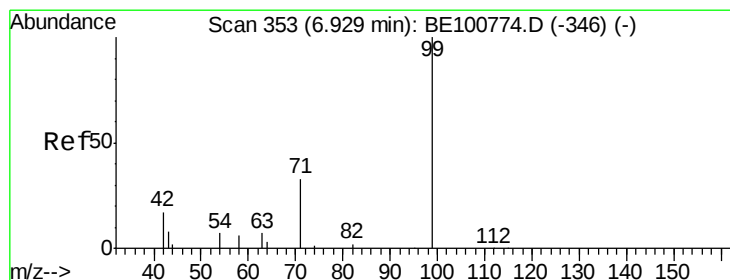
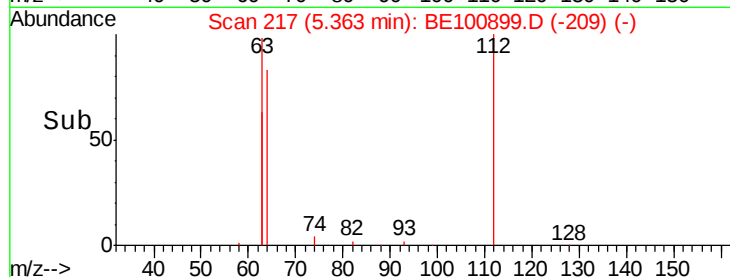
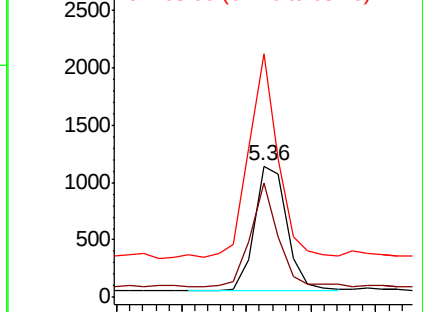
63 144.1 116.1 174.1



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: 0.111 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100899.D

Acq: 13 Dec 2019 23:27

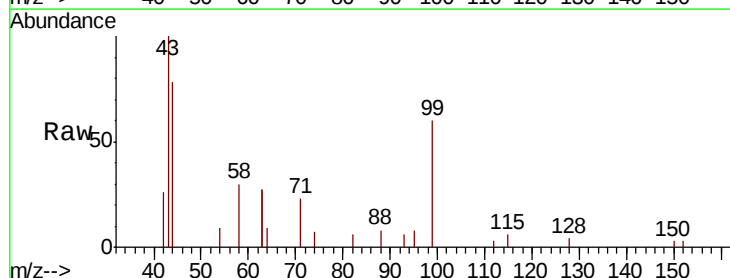
Tgt Ion: 99 Resp: 1889

Ion Ratio Lower Upper

99 100

42 38.3 18.2 27.2#

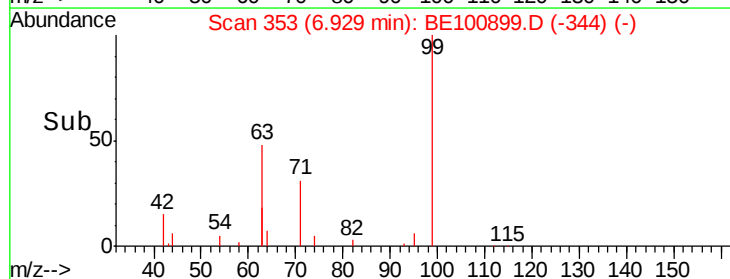
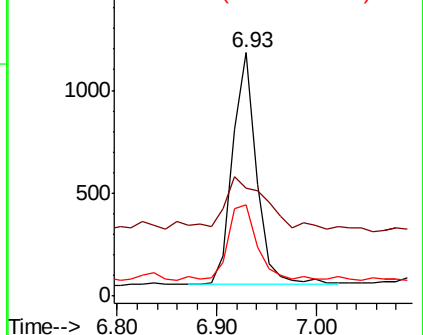
71 41.0 29.1 43.7

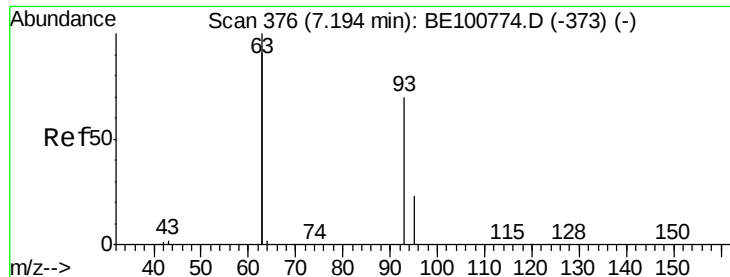


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.044 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100899.D

Acq: 13 Dec 2019 23:27

Instrument :

BNA_E

ClientSampleId :

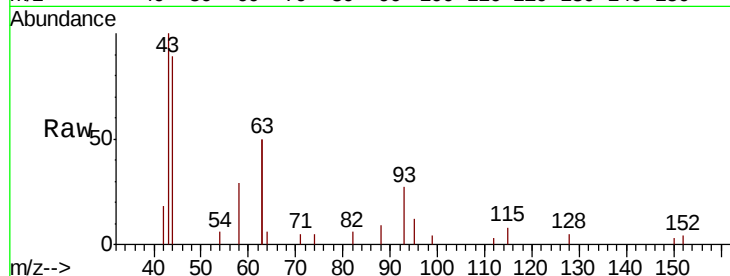
Tot Ion: 93 Resp: 718

Ion Ratio Lower Upper

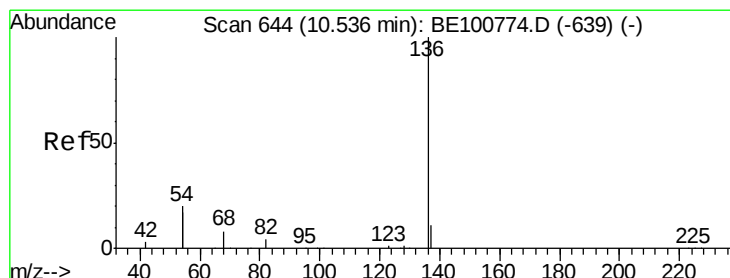
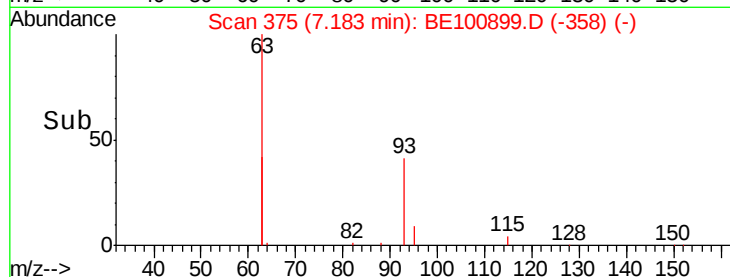
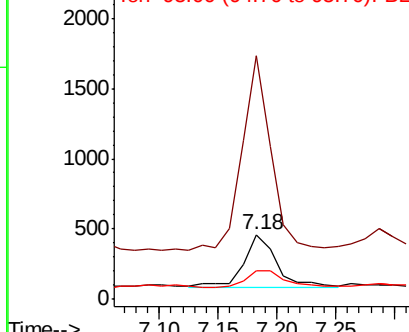
93 100

63 327.9 253.9 380.9

95 43.7 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: BE100899.D

Acq: 13 Dec 2019 23:27

Tgt Ion: 136 Resp: 20799

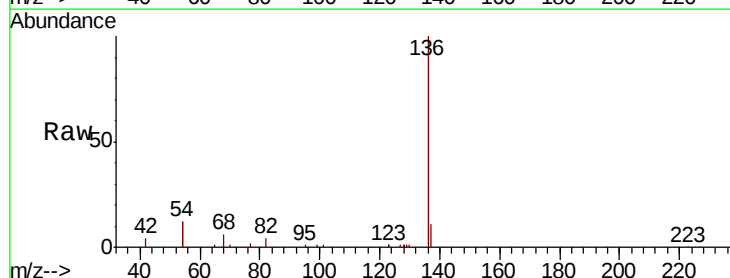
Ion Ratio Lower Upper

136 100

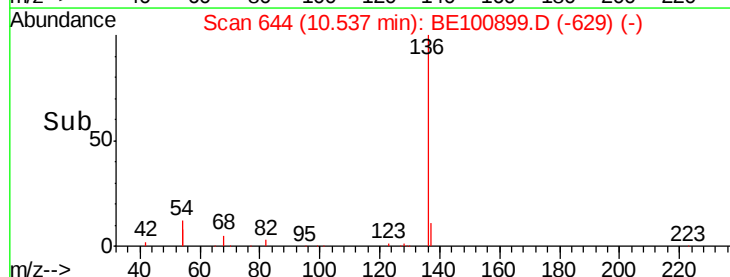
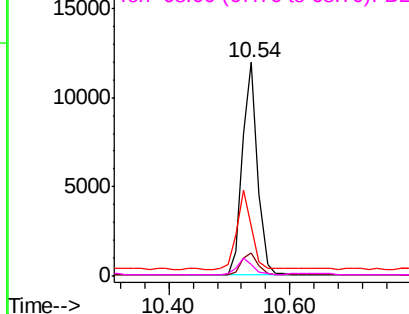
137 11.1 9.1 13.7

54 23.5 18.9 28.3

68 5.7 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: 0.520 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100899.D

Acq: 13 Dec 2019 23:27

Instrument :

BNA_E

ClientSampleId :

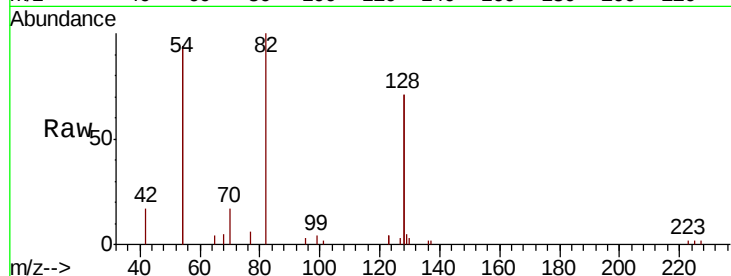
Tot Ion: 82 Resp: 5149

Ion Ratio Lower Upper

82 100

128 141.7 113.5 170.3

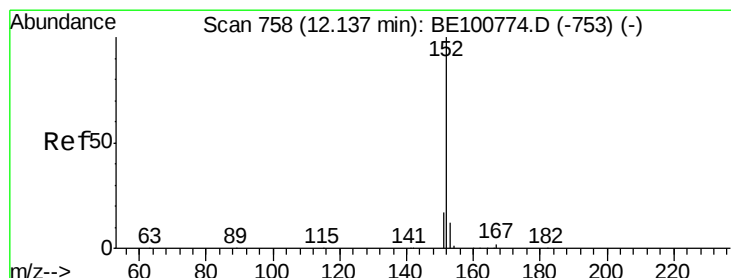
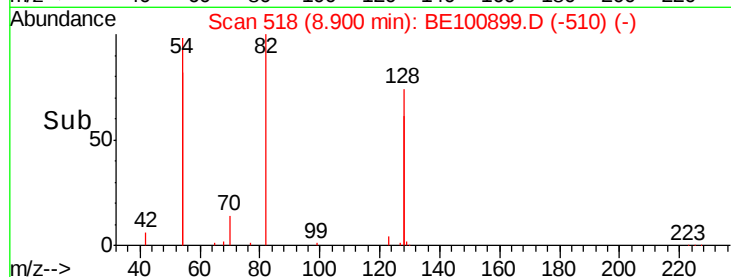
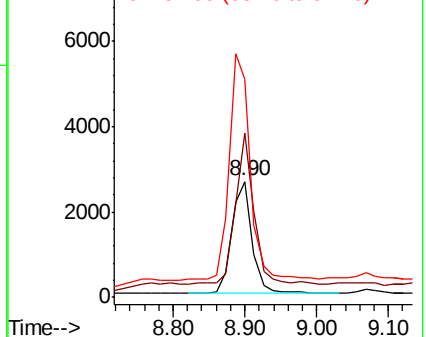
54 188.0 138.9 208.3



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: 0.409 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100899.D

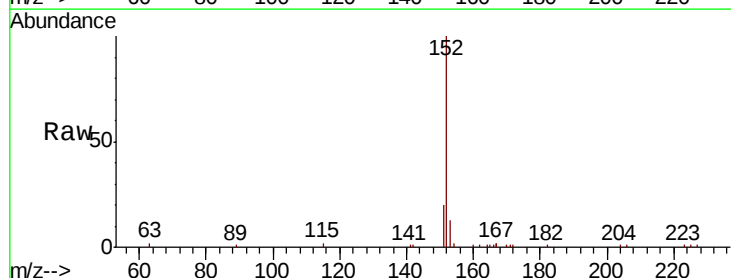
Acq: 13 Dec 2019 23:27

Tgt Ion:152 Resp: 12322

Ion Ratio Lower Upper

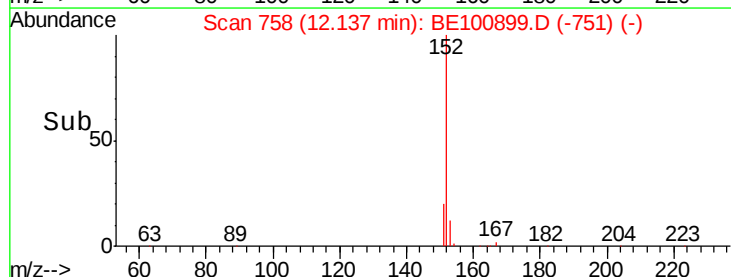
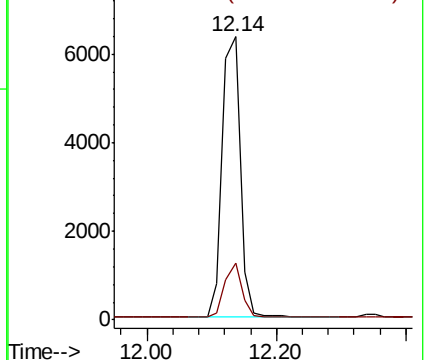
152 100

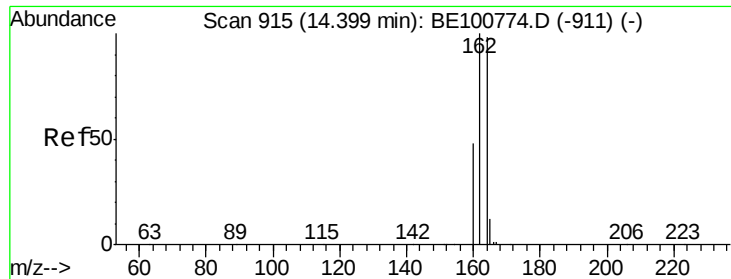
151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

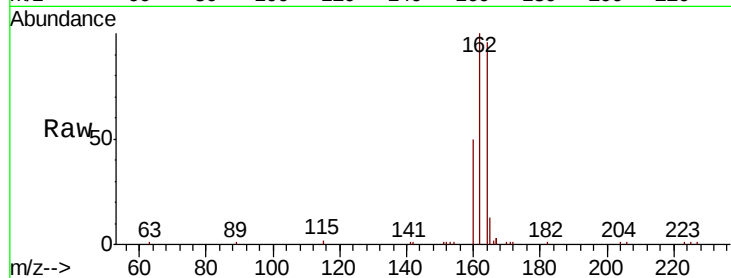




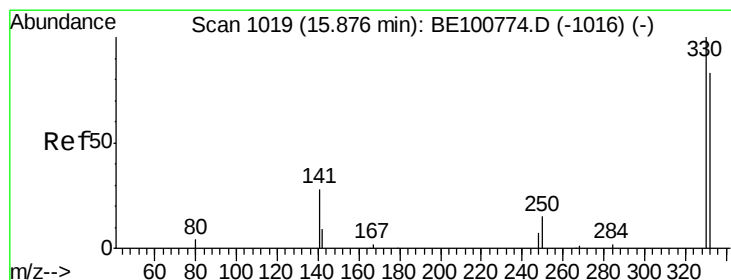
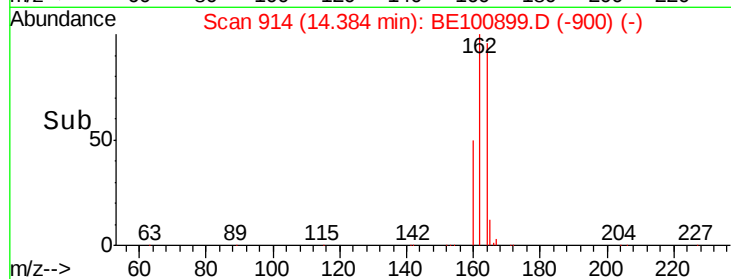
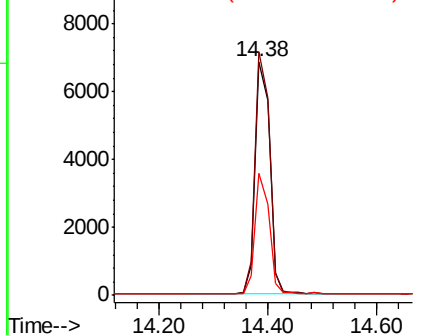
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 12200
Ion Ratio Lower Upper
164 100
162 104.3 86.0 129.0
160 52.2 42.3 63.5

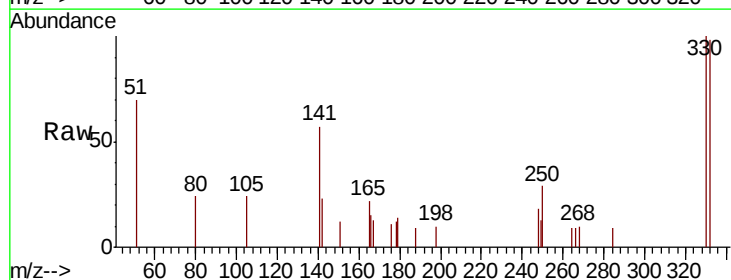


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

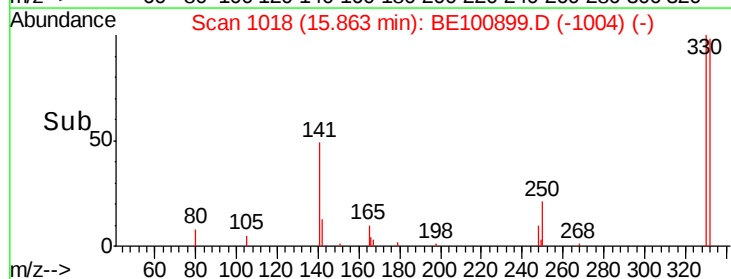
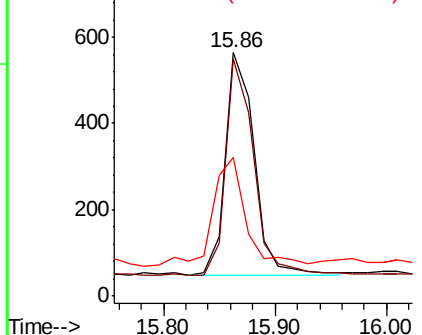


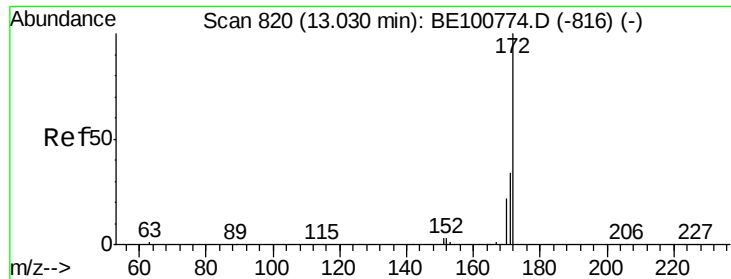
#14
2,4,6-Tribromophenol
Concen: 0.687 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

Tgt Ion:330 Resp: 932
Ion Ratio Lower Upper
330 100
332 96.7 74.1 111.1
141 55.0 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

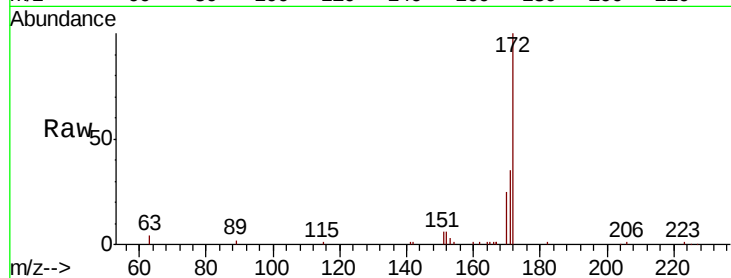




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	24.5	19.4	29.0

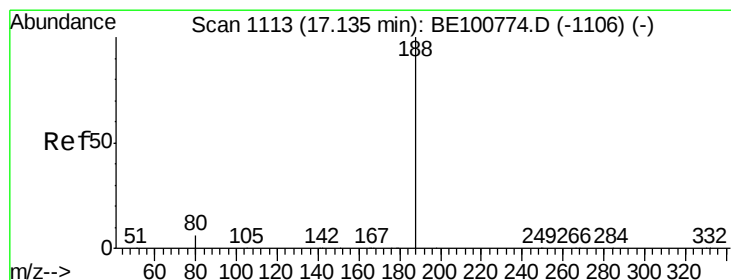
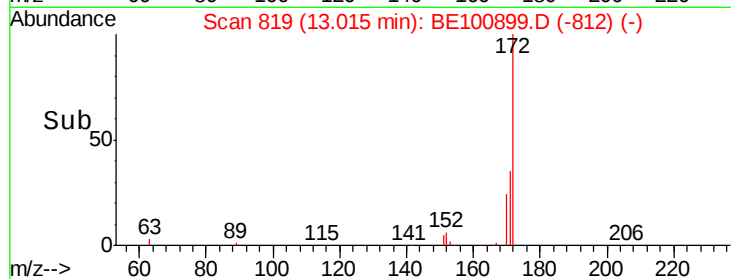
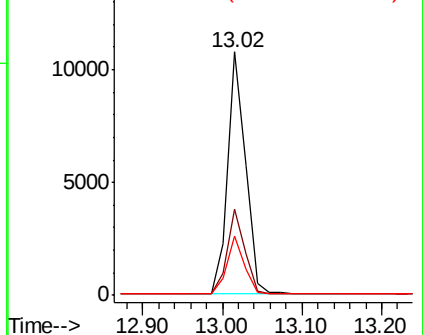


Abundance

Ion 172.00 (171.70 to 172.70): E

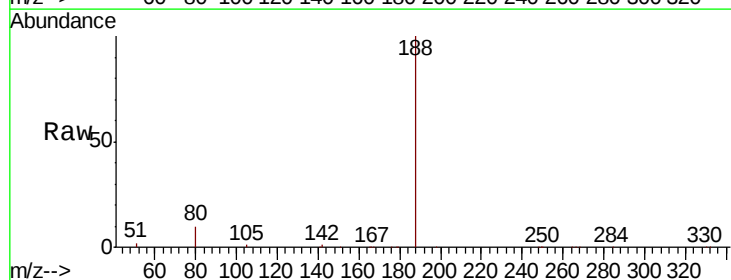
Ion 171.00 (170.70 to 171.70): E

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: BE100899.D
Acq: 13 Dec 2019 23:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.9	11.9

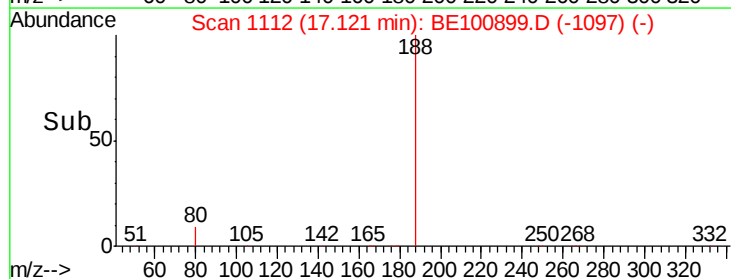
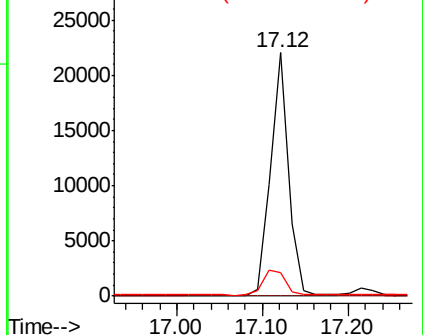


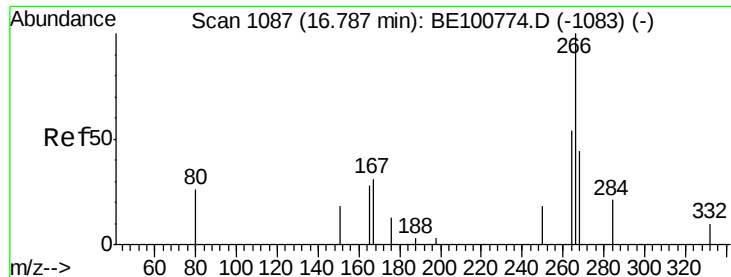
Abundance

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: 0.026 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100899.D

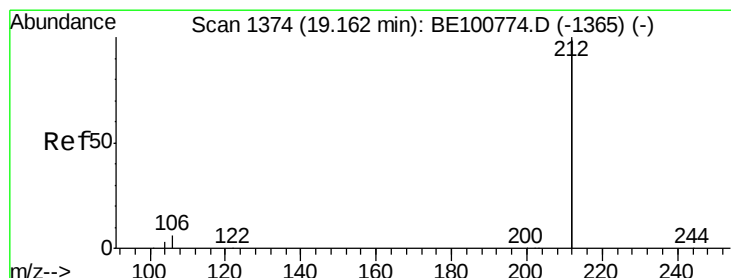
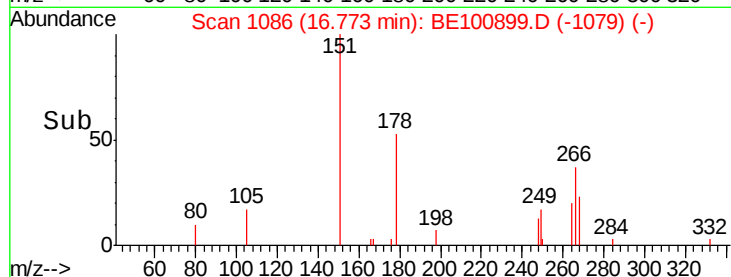
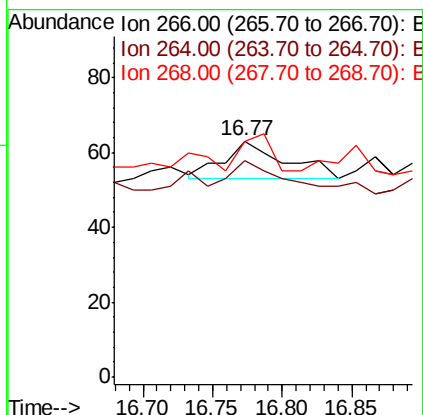
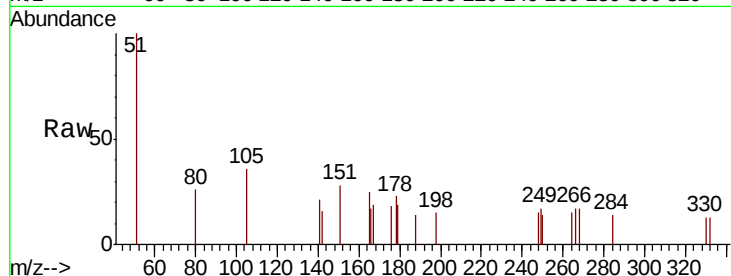
Acq: 13 Dec 2019 23:27

Instrument :

BNA_E

ClientSampled :

Tot Ion:	266	Resp:	31
Ion	Ratio	Lower	Upper
266	100		
264	92.1	55.1	82.7#
268	100.0	50.7	76.1#



#25

Fluoranthene-d10

Concen: 0.403 ng

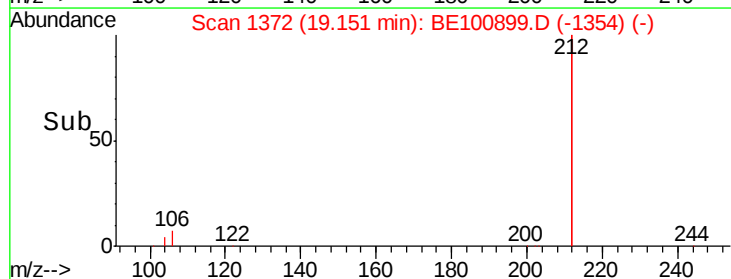
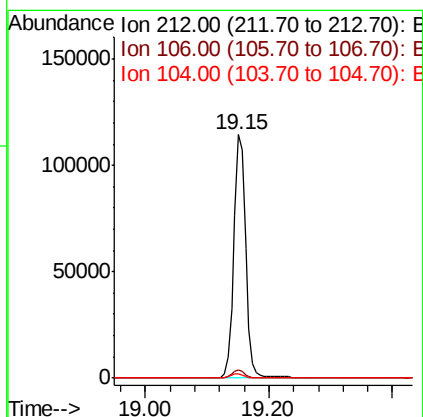
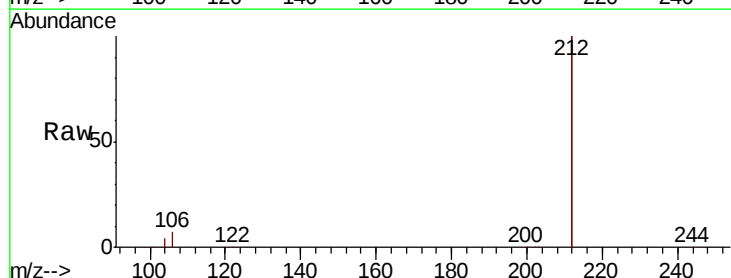
RT: 19.15 min Scan# 1372

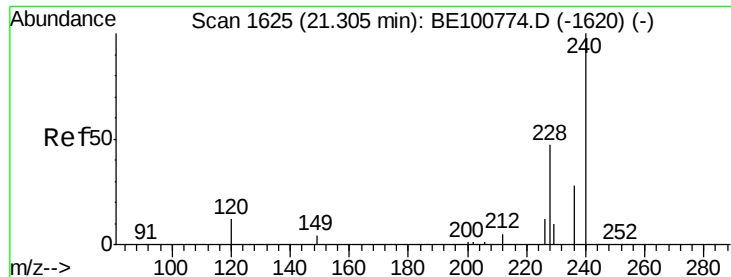
Delta R.T. 0.00 min

Lab File: BE100899.D

Acq: 13 Dec 2019 23:27

Tgt Ion:	212	Resp:	152348
Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	4.0
104	1.9	1.4	2.2

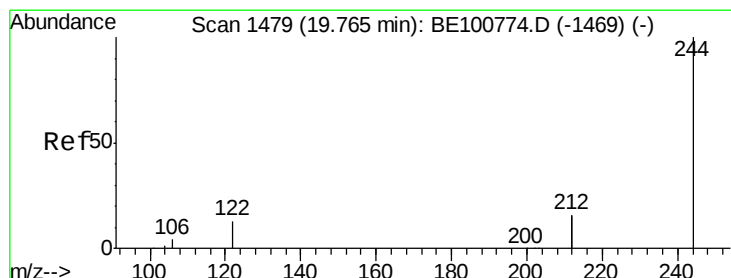
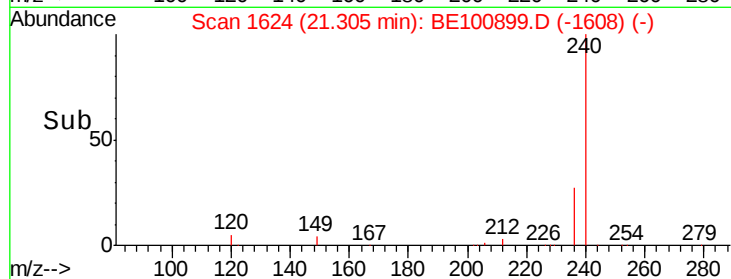
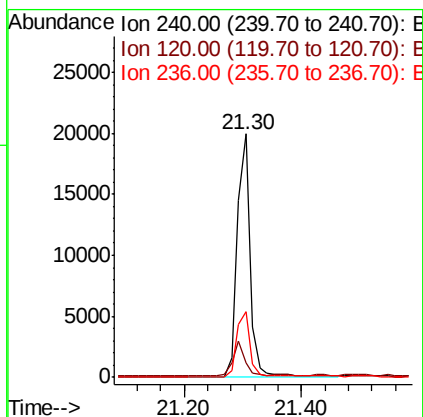
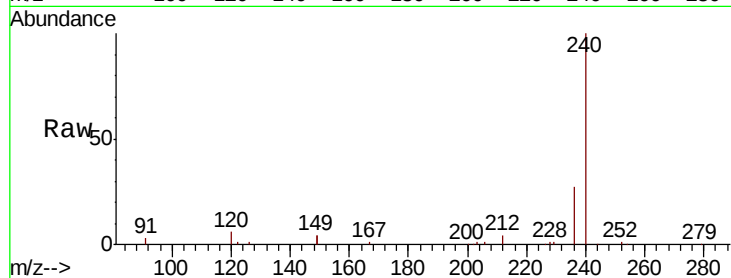




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.30 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

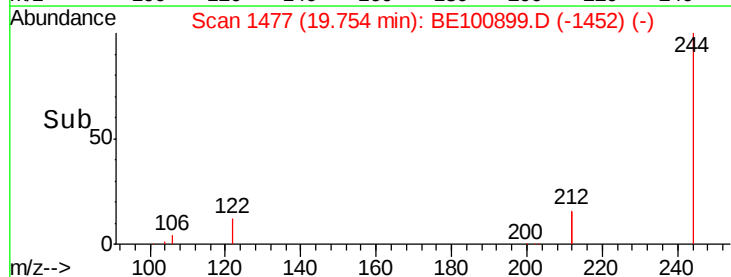
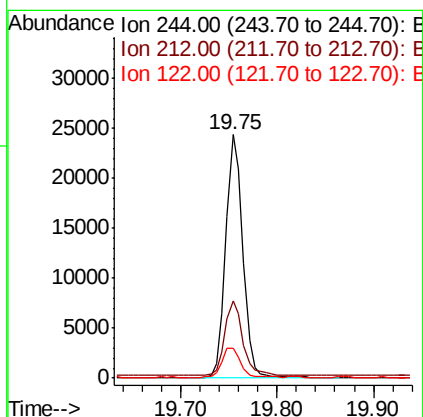
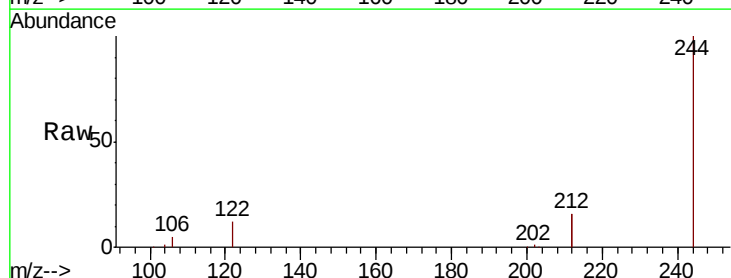
Instrument :
BNA_E
ClientSampleId :

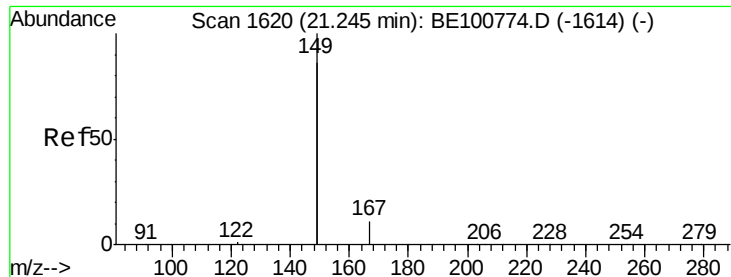
Tot Ion:240 Resp: 30464
Ion Ratio Lower Upper
240 100
120 6.0 4.0 6.0
236 27.2 21.6 32.4



#29
Terphenyl-d14
Concen: 0.411 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100899.D
Acq: 13 Dec 2019 23:27

Tgt Ion:244 Resp: 29981
Ion Ratio Lower Upper
244 100
212 31.9 25.2 37.8
122 12.3 8.9 13.3

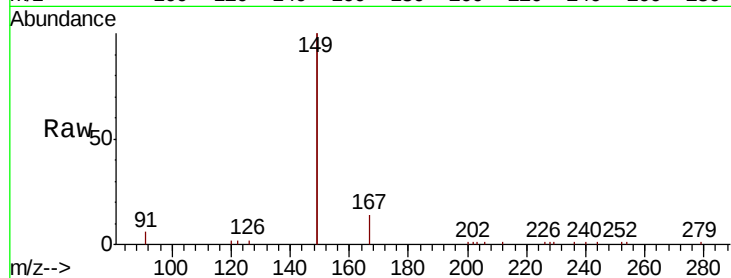




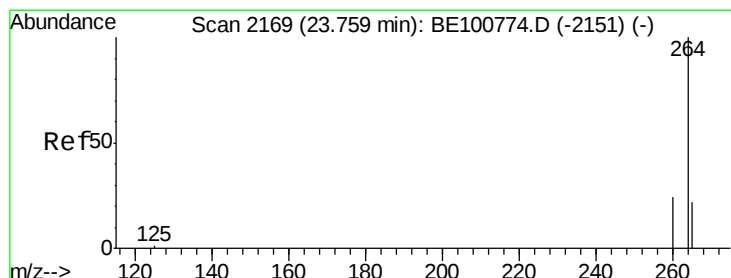
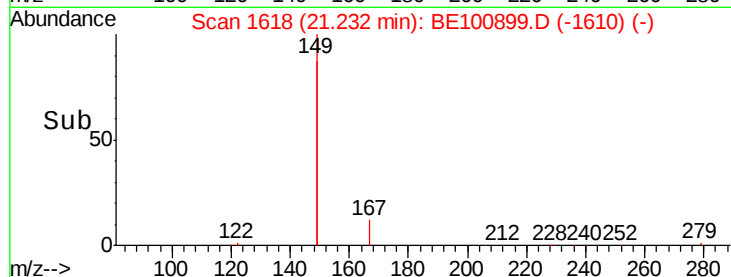
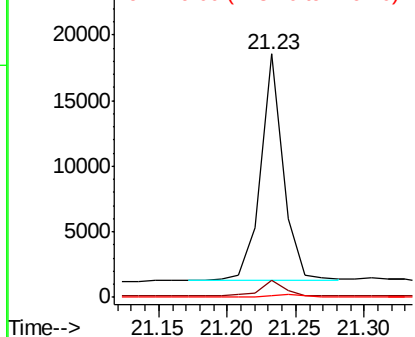
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.306 ng
 RT: 21.23 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BE100899.D
 Acq: 13 Dec 2019 23:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 19834
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.0 7.4
 279 0.8 0.6 1.0

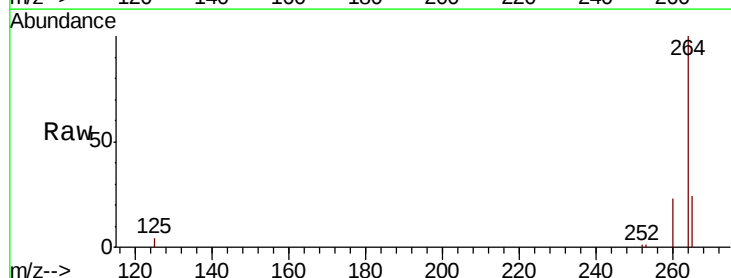


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BE100899.D
 Acq: 13 Dec 2019 23:27

Tgt Ion:264 Resp: 34909
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 23.6 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

