

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100995.D
 Acq On : 27 Dec 2019 16:15
 Operator : JU
 Sample : K6237-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-191209

Quant Time: Dec 27 22:45:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

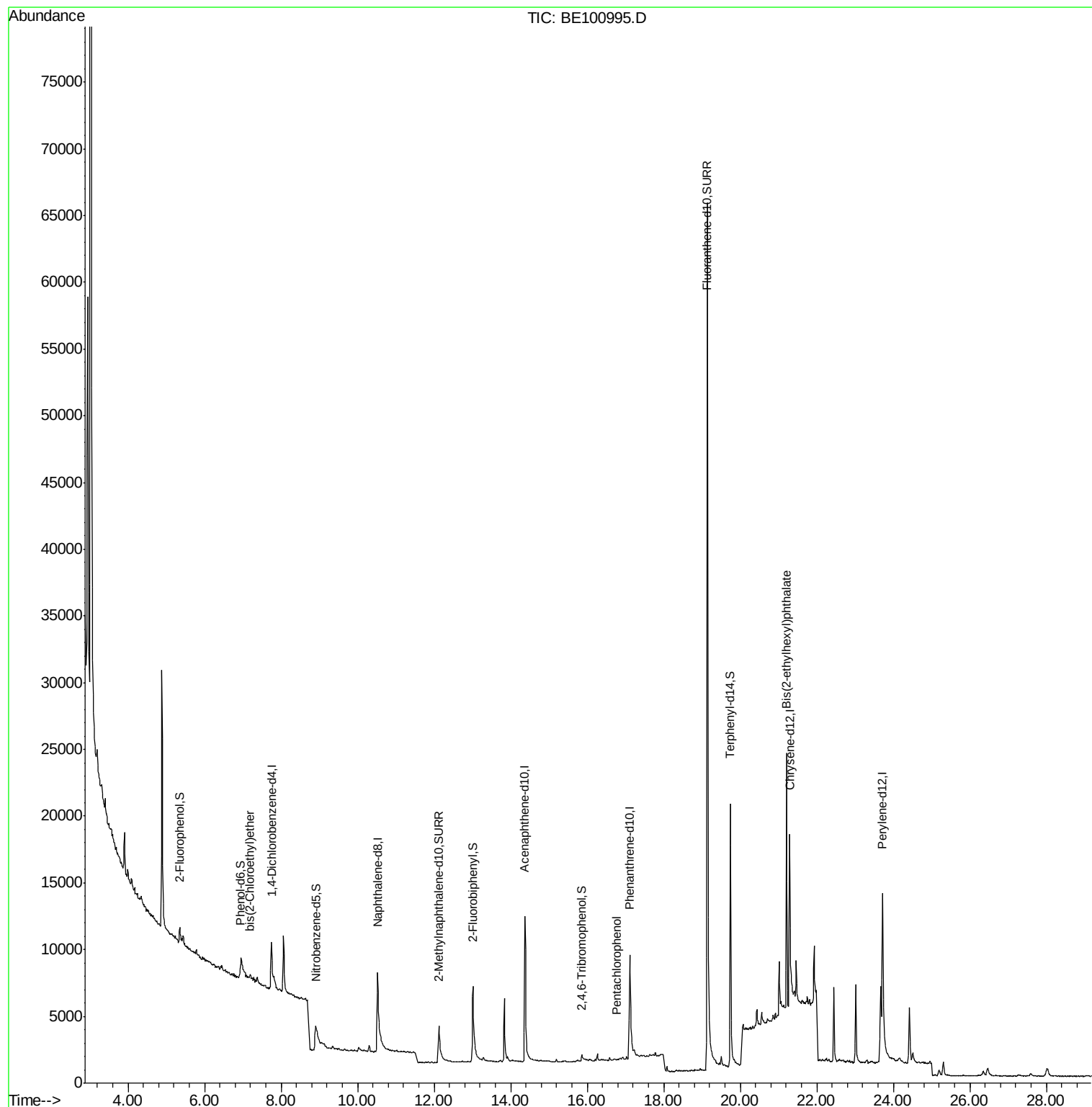
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2973	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13276	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8891	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	20918	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	22715	0.40	ng	0.00
34) Perylene-d12	23.72	264	26416	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	943	0.19	ng	0.00
5) Phenol-d6	6.93	99	360	0.24	ng	-0.05
8) Nitrobenzene-d5	8.91	82	2454	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	8271	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	535	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11559	0.37	ng	0.00
25) Fluoranthene-d10	19.14	212	122080	0.48	ng	0.00
29) Terphenyl-d14	19.74	244	22944	0.44	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.32	88	761	Below Cal	Qvalue #	32
6) bis(2-Chloroethyl)ether	7.19	93	396	0.037 ng	#	1
22) Pentachlorophenol	16.77	266	18	0.110 ng		95
32) Bis(2-ethylhexyl)phthalate	21.21	149	22764	0.225 ng		99

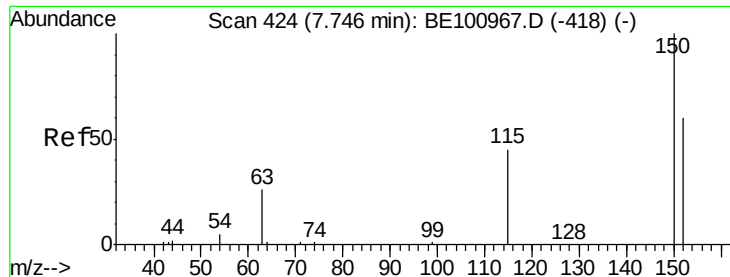
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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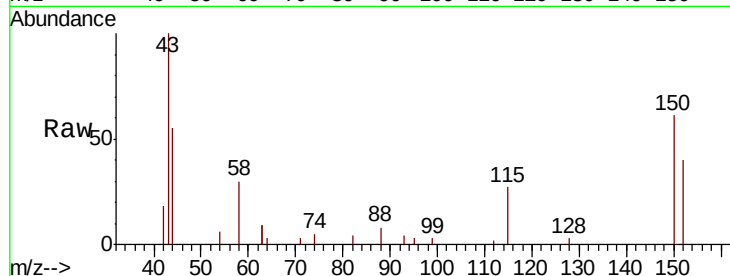


#1

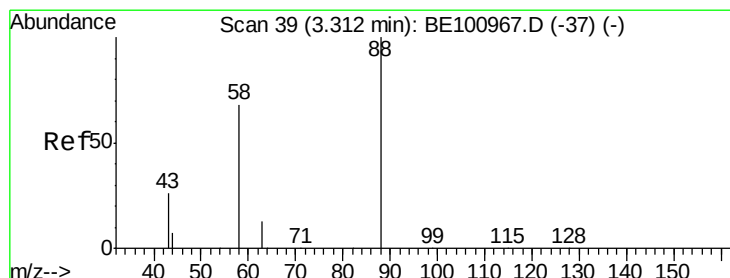
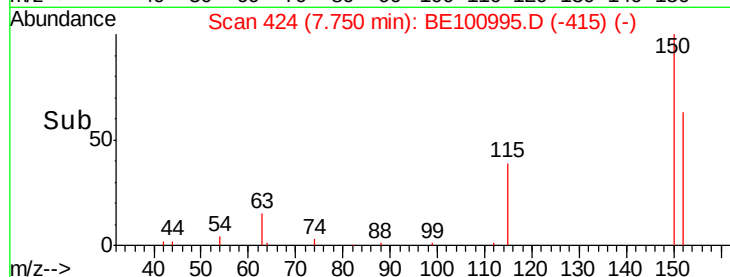
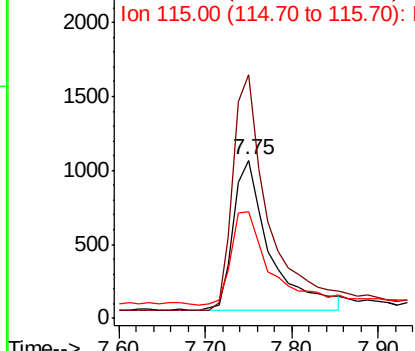
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Instrument :
BNA_E
ClientSampleId :
KY038PS038-191209

Tot Ion:152 Resp: 2973
Ion Ratio Lower Upper
152 100
150 153.8 132.6 199.0
115 67.7 64.1 96.1



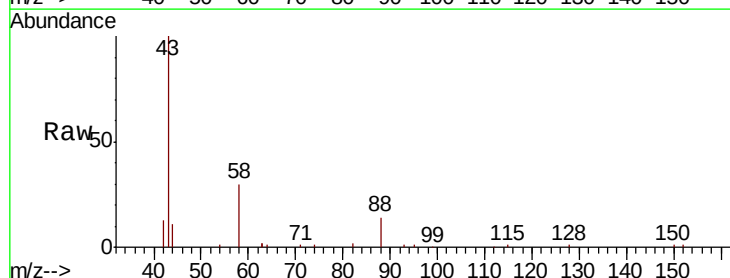
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



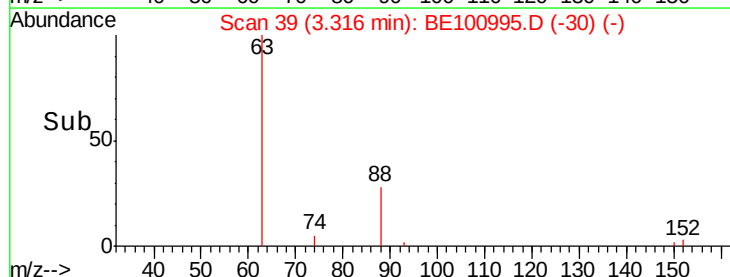
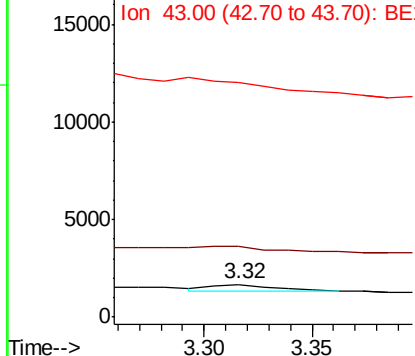
#2

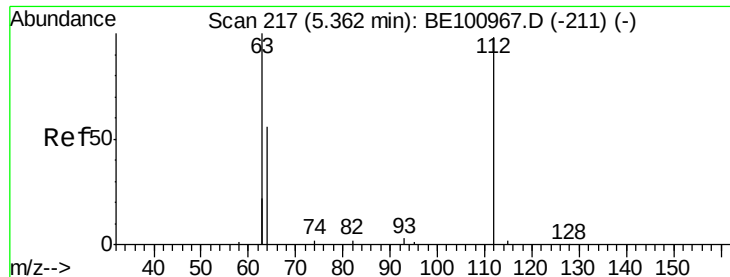
1,4-Dioxane
Concen: Below Cal
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Tgt Ion: 88 Resp: 761
Ion Ratio Lower Upper
88 100
58 0.0 44.2 66.4#
43 0.0 21.0 31.6#



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: 0.188 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Instrument :

BNA_E

ClientSampleId :

KY038PS038-191209

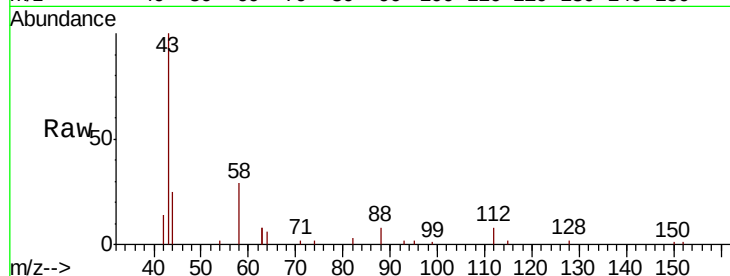
Tot Ion:112 Resp: 943

Ion Ratio Lower Upper

112 100

64 68.6 59.0 88.6

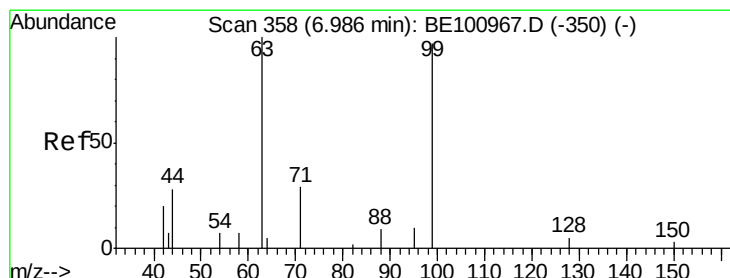
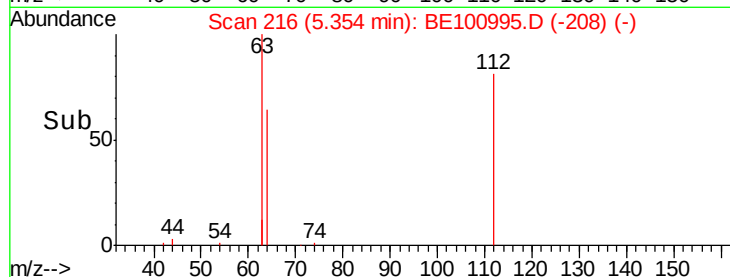
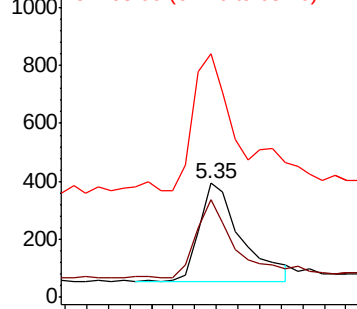
63 144.6 121.4 182.0



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: 0.237 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.05 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

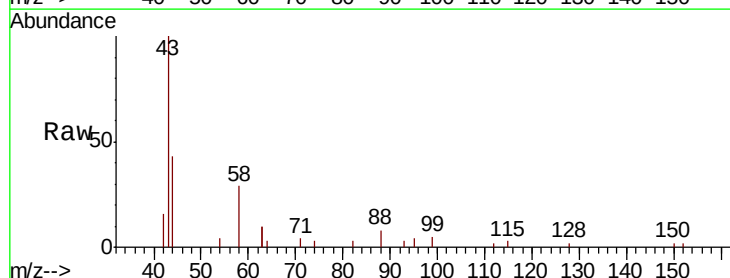
Tgt Ion: 99 Resp: 360

Ion Ratio Lower Upper

99 100

42 56.4 0.0 0.0#

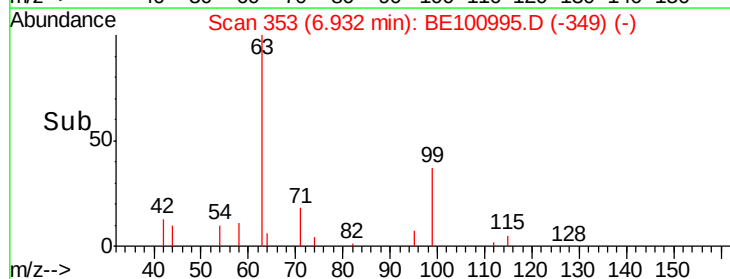
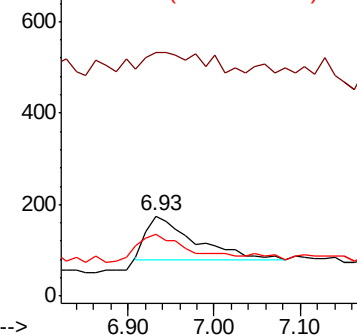
71 35.8 0.0 0.0#

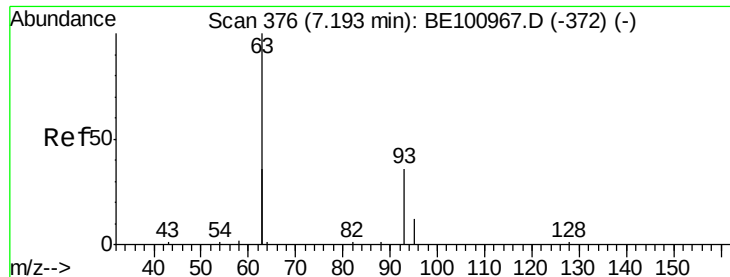


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.037 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Instrument :

BNA_E

ClientSampleId :

KY038PS038-191209

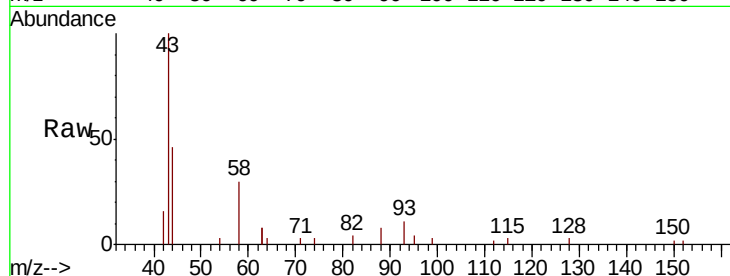
Tot Ion: 93 Resp: 396

Ion Ratio Lower Upper

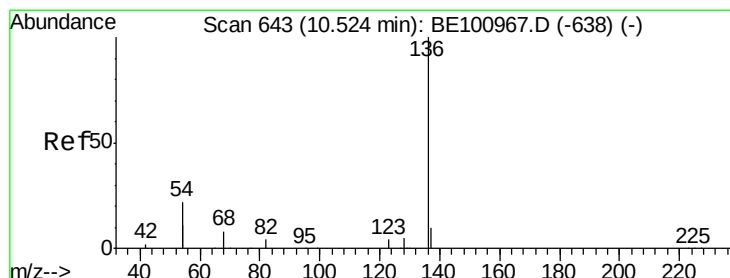
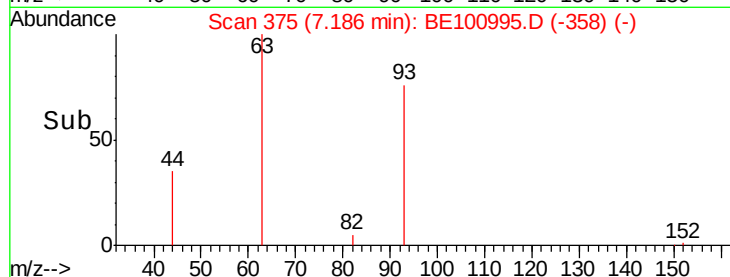
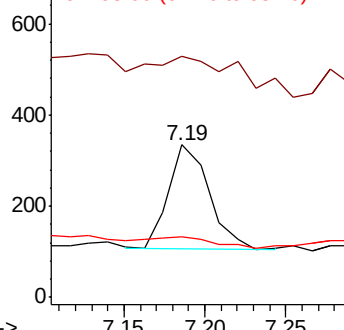
93 100

63 0.0 228.3 342.5#

95 13.9 25.9 38.9#



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: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Tgt Ion: 136 Resp: 13276

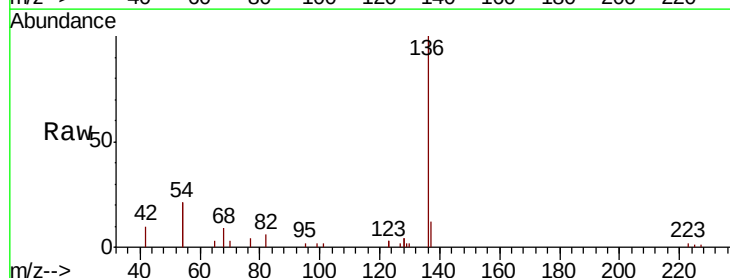
Ion Ratio Lower Upper

136 100

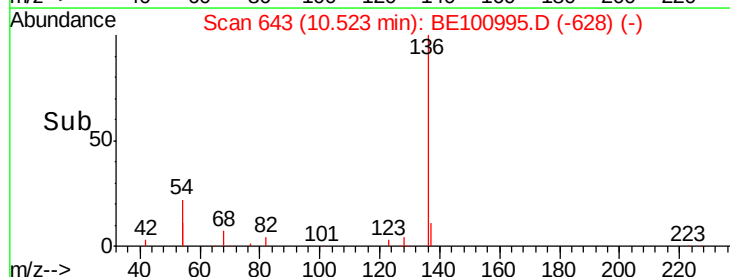
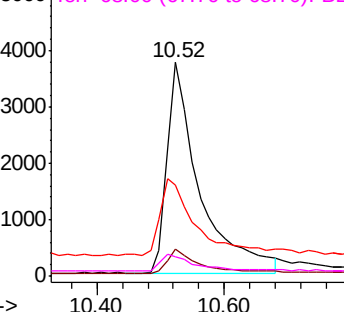
137 12.3 9.0 13.6

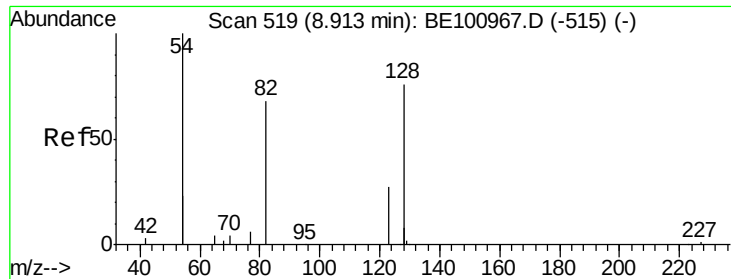
54 42.5 34.4 51.6

68 8.9 7.8 11.6



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: 0.457 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Instrument :

BNA_E

ClientSampleId :

KY038PS038-191209

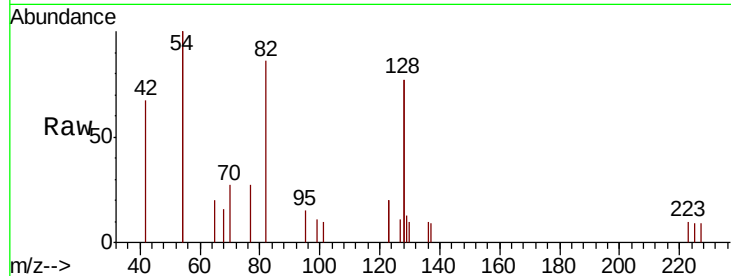
Tot Ion: 82 Resp: 2454

Ion Ratio Lower Upper

82 100

128 177.9 140.2 210.2

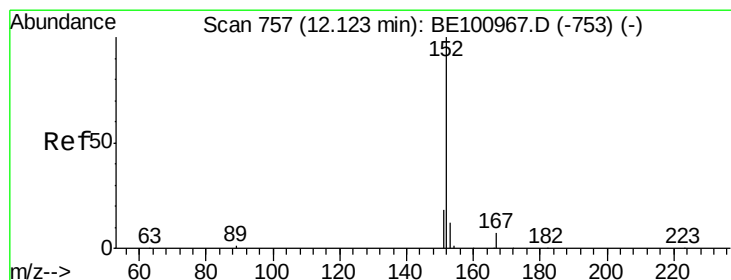
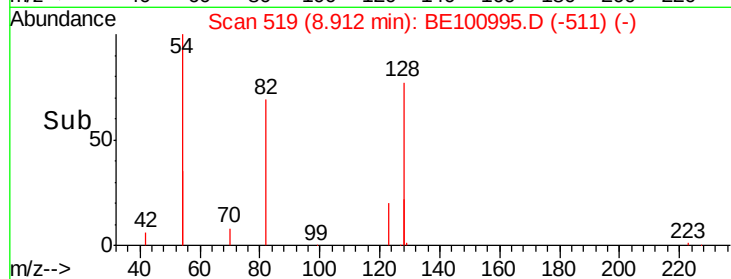
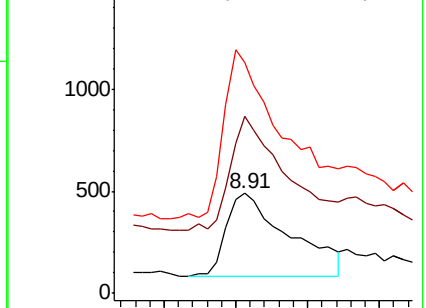
54 231.6 183.8 275.6



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: 0.424 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100995.D

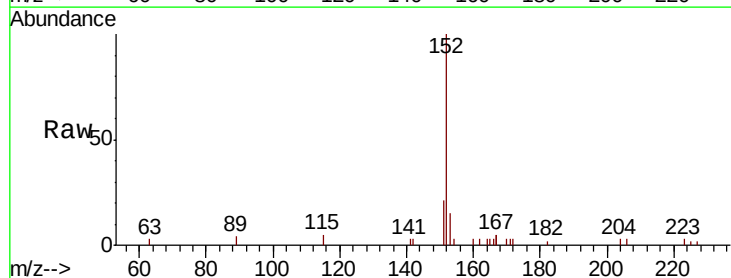
Acq: 27 Dec 2019 16:15

Tgt Ion: 152 Resp: 8271

Ion Ratio Lower Upper

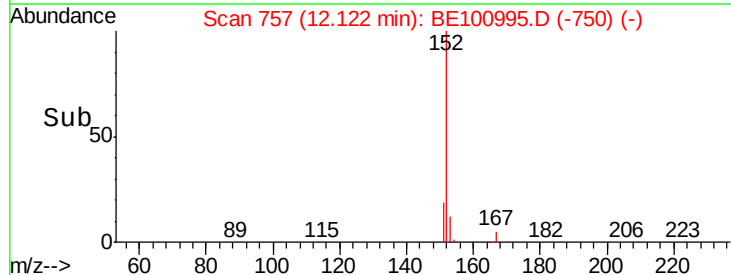
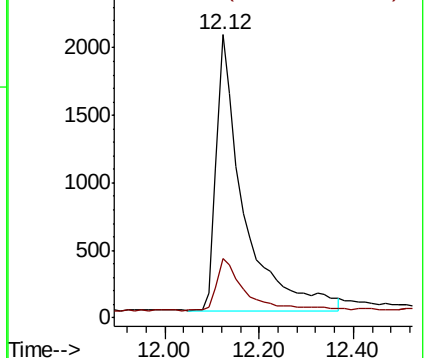
152 100

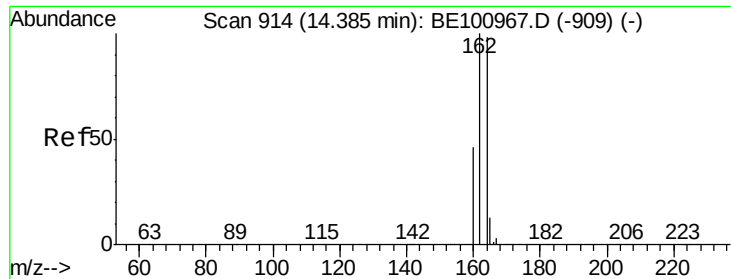
151 18.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

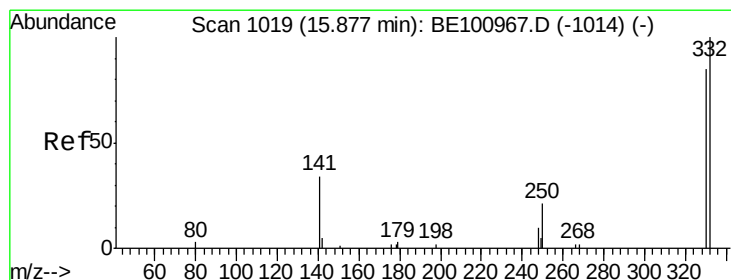
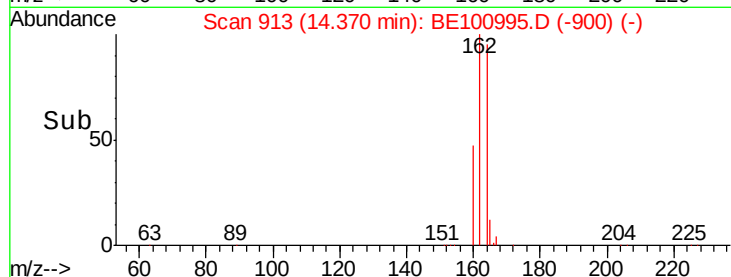
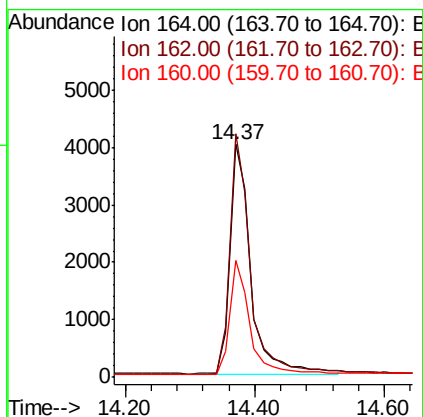
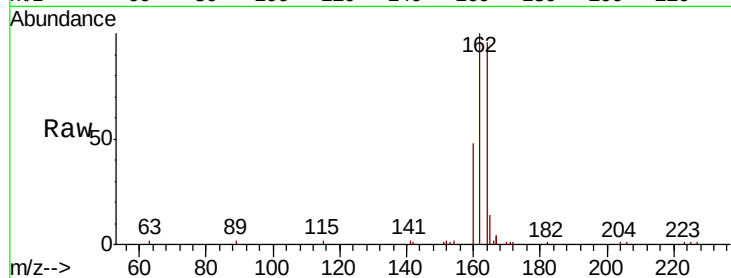




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

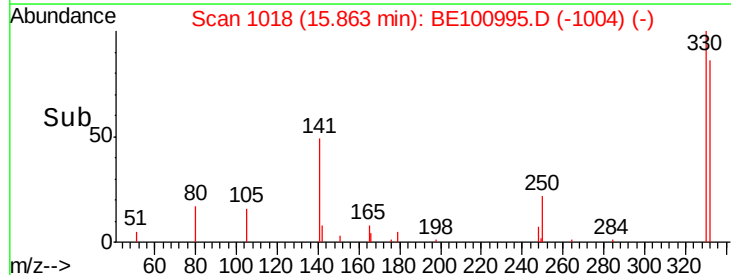
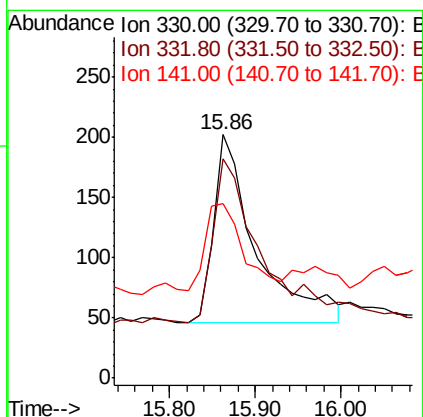
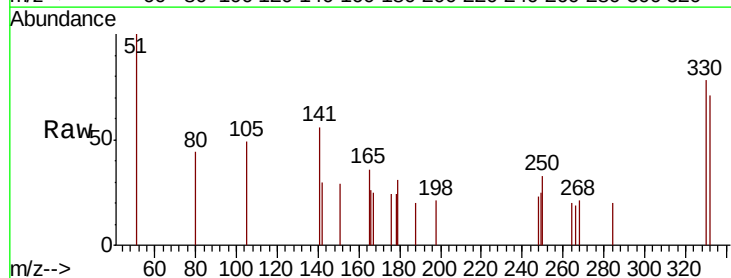
Instrument :
BNA_E
ClientSampleId :
KY038PS038-191209

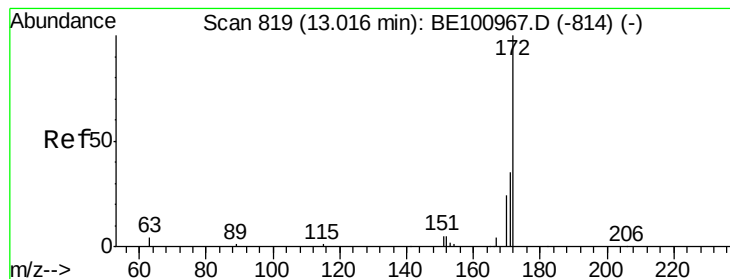
Tot Ion:164 Resp: 8891
Ion Ratio Lower Upper
164 100
162 104.4 81.6 122.4
160 50.0 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Tgt Ion:330 Resp: 535
Ion Ratio Lower Upper
330 100
332 101.1 72.4 108.6
141 41.5 25.4 38.2#

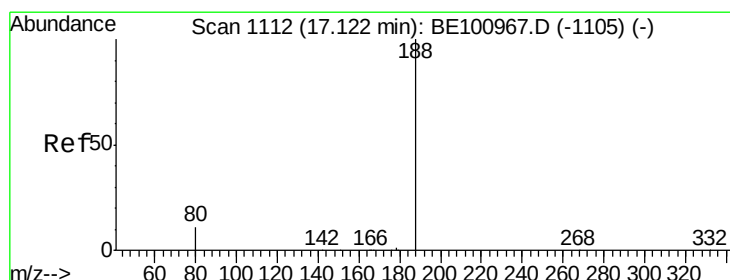
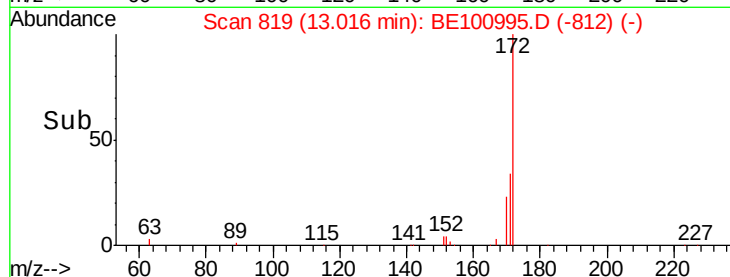
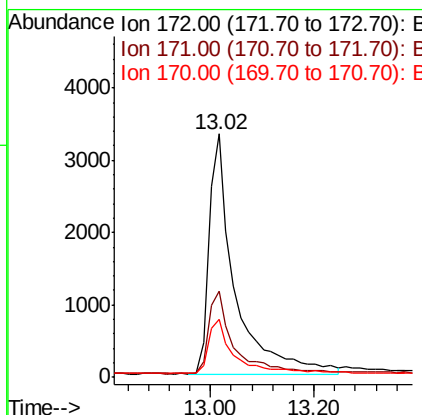
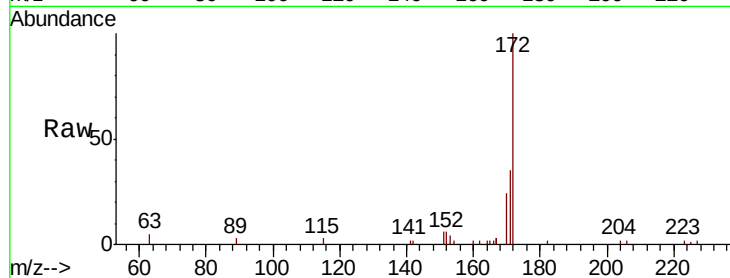




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

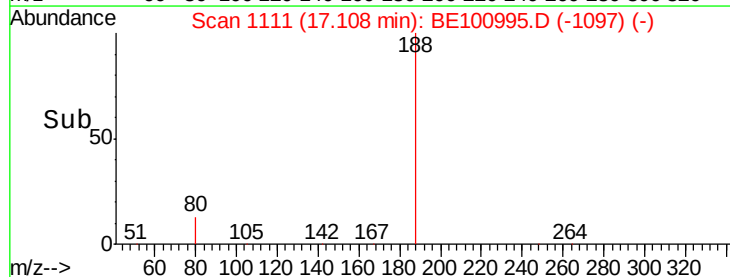
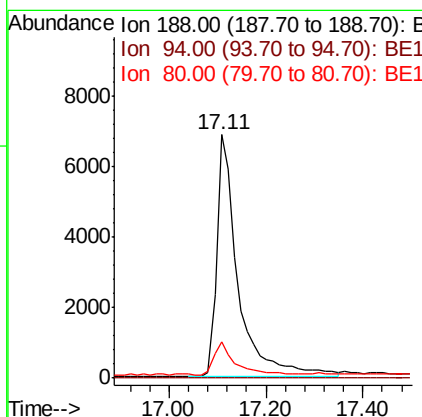
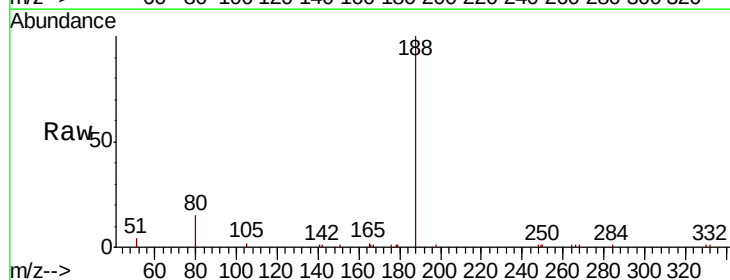
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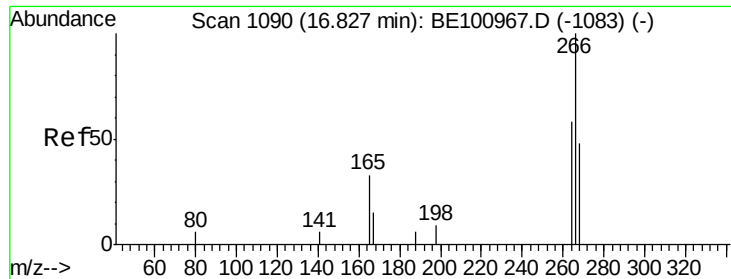
Tot Ion:172 Resp: 11559
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 24.0 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100995.D
Acq: 27 Dec 2019 16:15

Tgt Ion:188 Resp: 20918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 9.7 14.5#





#22

Pentachlorophenol

Concen: 0.110 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

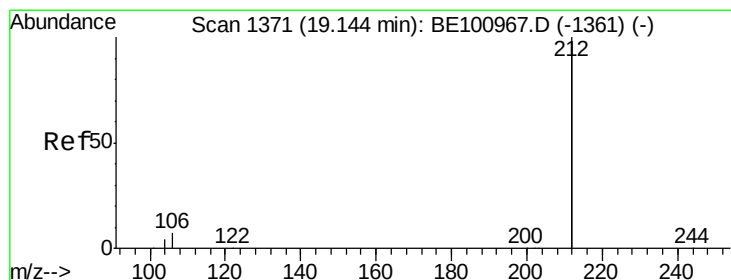
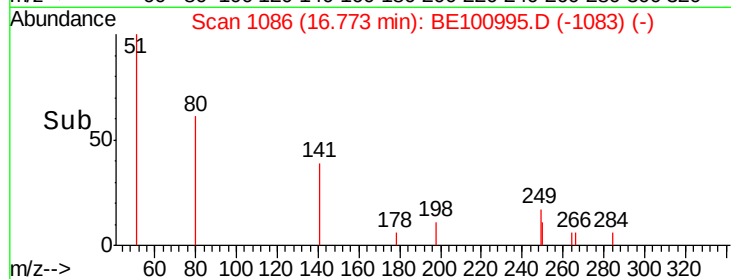
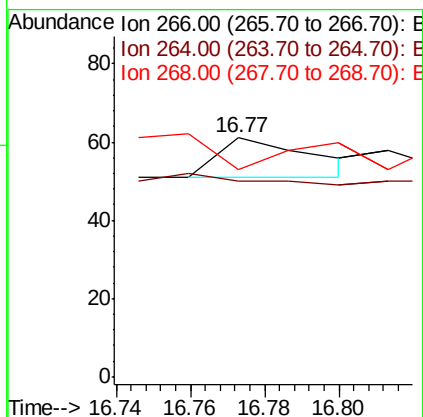
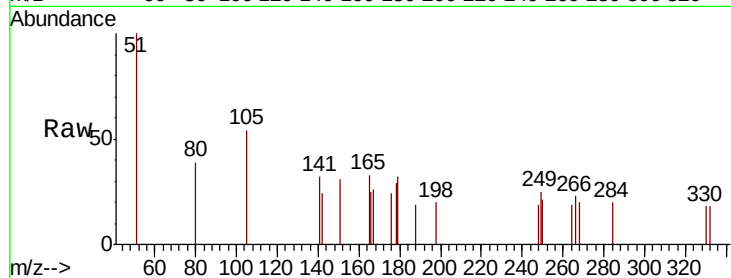
Instrument :

BNA_E

ClientSampleId :

KY038PS038-191209

Tot Ion:266	Resp:	18
Ion Ratio	Lower	Upper
266	100	
264	82.0	62.3 93.5
268	86.9	66.1 99.1



#25

Fluoranthene-d10

Concen: 0.481 ng

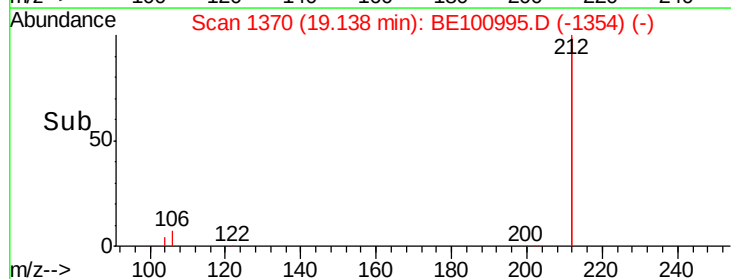
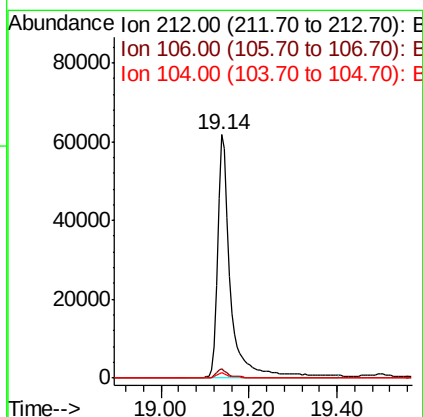
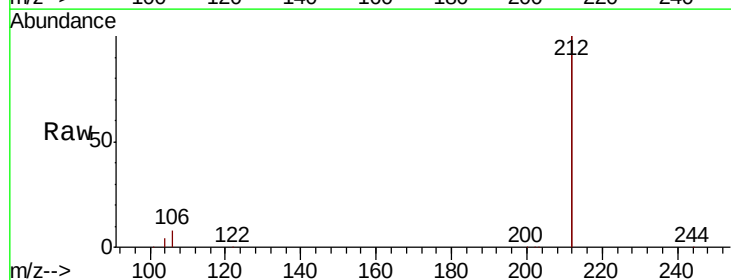
RT: 19.14 min Scan# 1370

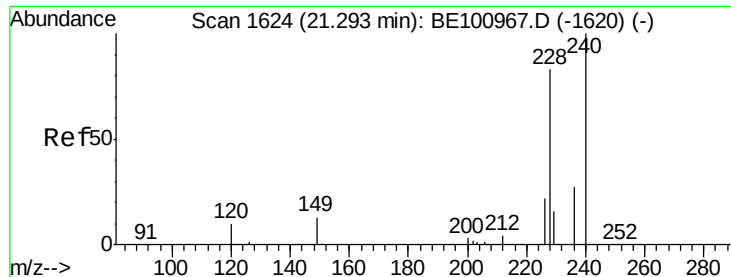
Delta R.T. -0.01 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Tgt Ion:212	Resp:	122080
Ion Ratio	Lower	Upper
212	100	
106	3.4	2.4 3.6
104	1.9	1.4 2.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

Instrument :

BNA_E

ClientSampleId :

KY038PS038-191209

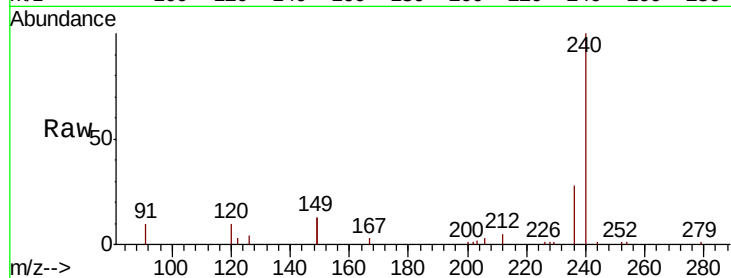
Tot Ion:240 Resp: 22715

Ion Ratio Lower Upper

240 100

120 9.6 10.2 15.4#

236 28.3 22.6 34.0

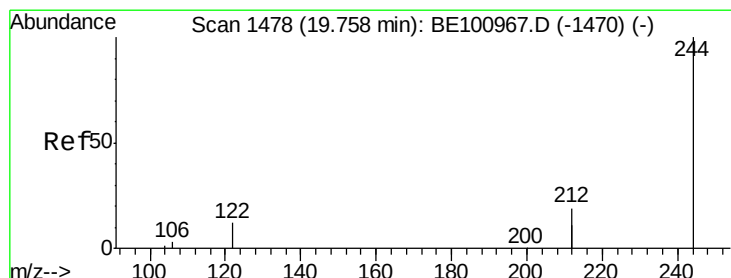
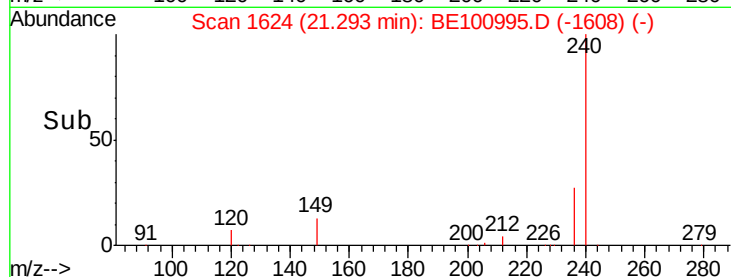
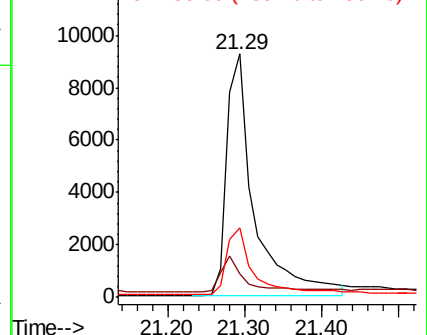


Abundance

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: 0.439 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100995.D

Acq: 27 Dec 2019 16:15

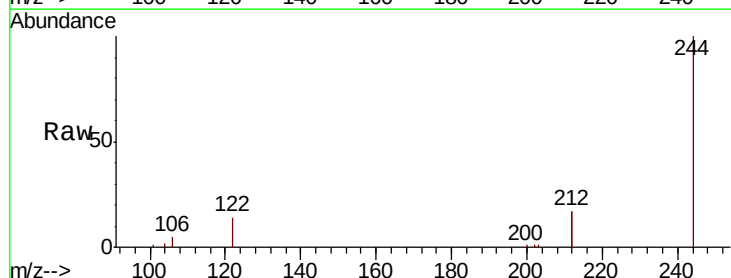
Tgt Ion:244 Resp: 22944

Ion Ratio Lower Upper

244 100

212 34.0 29.3 43.9

122 13.6 10.2 15.4

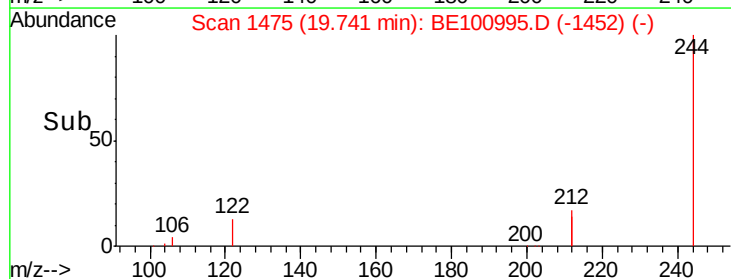
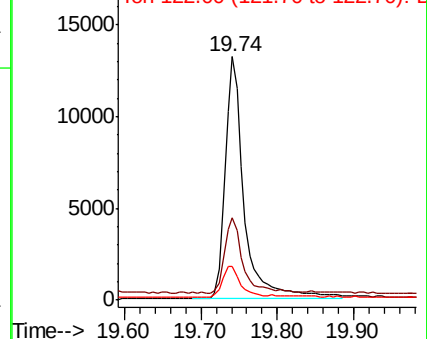


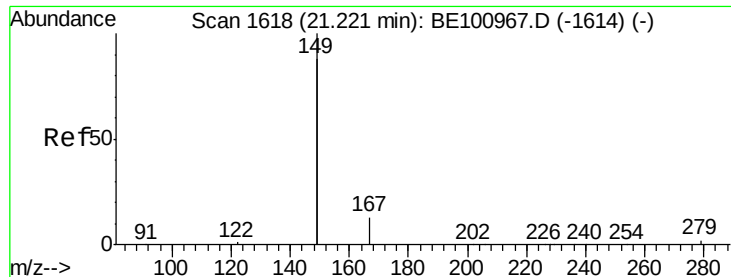
Abundance

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

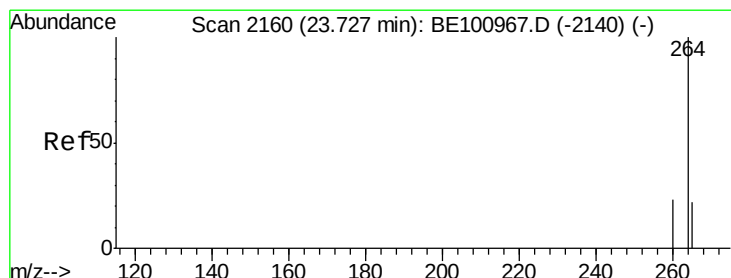
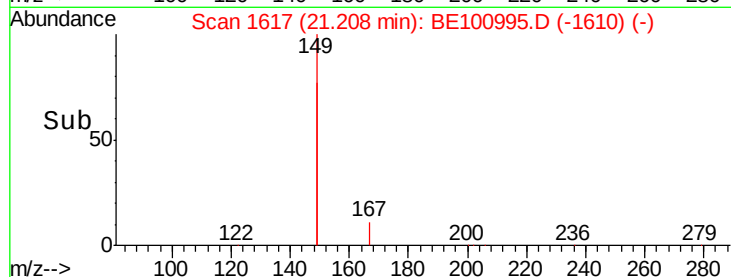
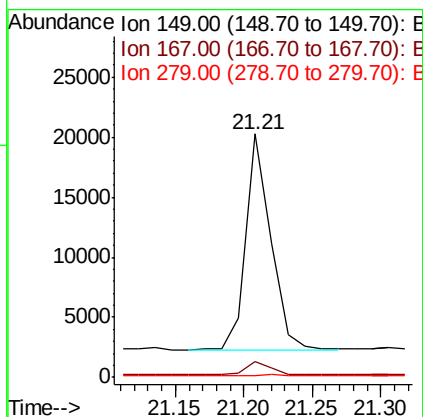
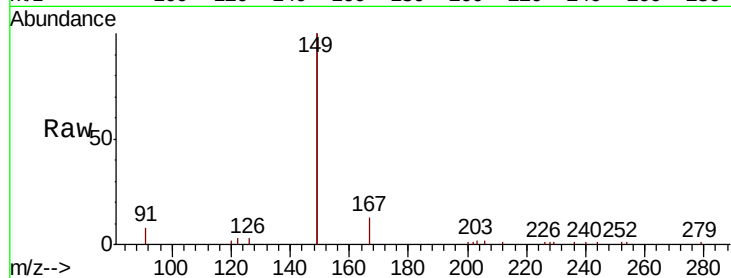




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.225 ng
 RT: 21.21 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BE100995.D
 Acq: 27 Dec 2019 16:15

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-191209

Tot Ion:149 Resp: 22764
 Ion Ratio Lower Upper
 149 100
 167 6.2 5.1 7.7
 279 0.9 0.6 1.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BE100995.D
 Acq: 27 Dec 2019 16:15

Tgt Ion:264 Resp: 26416
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 28.6 26.6 40.0

