

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100852.D
 Acq On : 11 Dec 2019 18:43
 Operator : JU
 Sample : K6185-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205

Quant Time: Dec 12 05:03:17 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

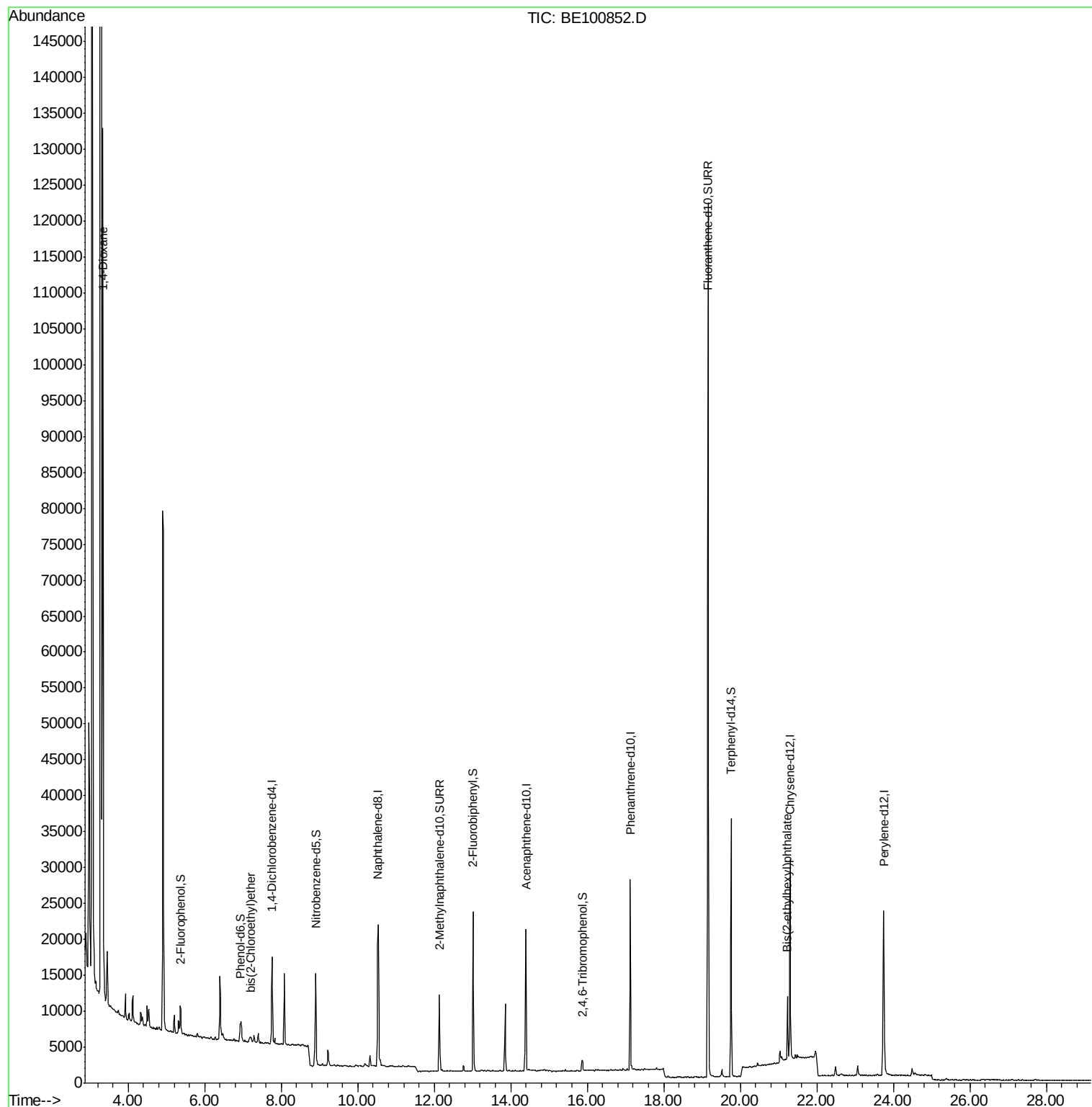
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4973	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23388	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13959	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33518	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	29147	0.40	ng	0.00
34) Perylene-d12	23.75	264	34148	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2229	0.19	ng	0.00
5) Phenol-d6	6.93	99	2112	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	5585	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14641	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	994	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20173	0.36	ng	-0.01
25) Fluoranthene-d10	19.15	212	157065	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	30094	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	68193	7.521	ng	90
6) bis(2-Chloroethyl)ether	7.19	93	375	0.022	ng	93
32) Bis(2-ethylhexyl)phthalate	21.23	149	10391	0.136	ng	97

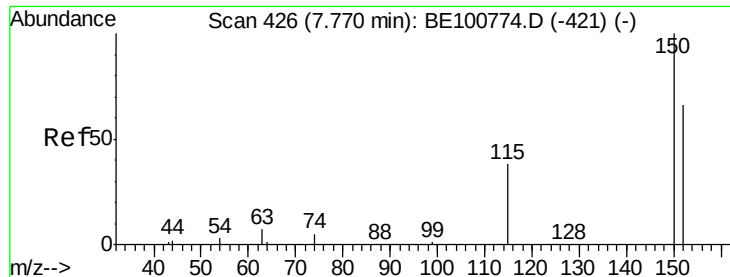
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 17:18:11 2019
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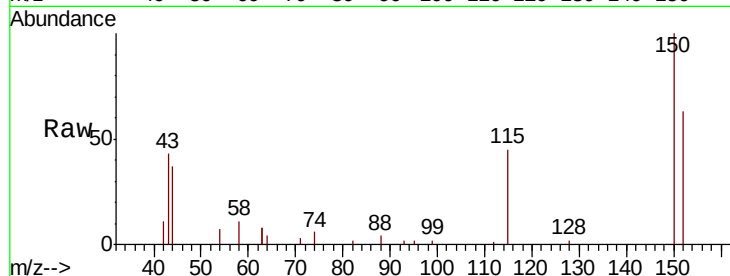


#1

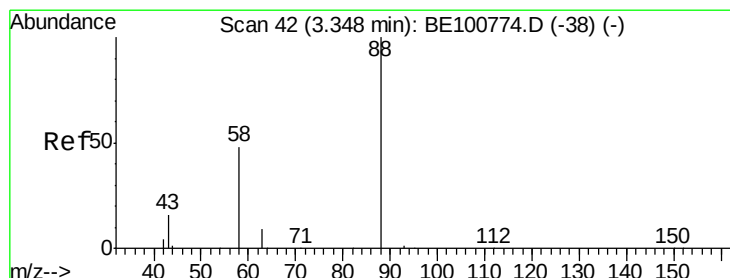
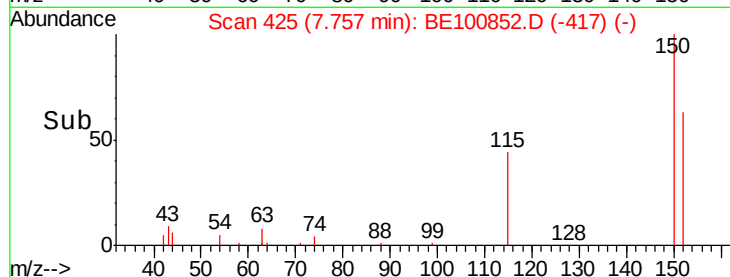
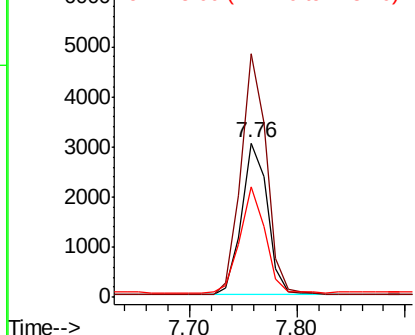
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100852.D
 Acq: 11 Dec 2019 18:43

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205

Tot Ion:152 Resp: 4973
 Ion Ratio Lower Upper
 152 100
 150 157.5 120.6 181.0
 115 71.2 47.4 71.2#



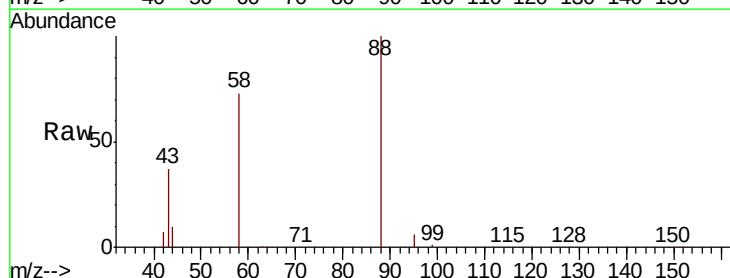
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



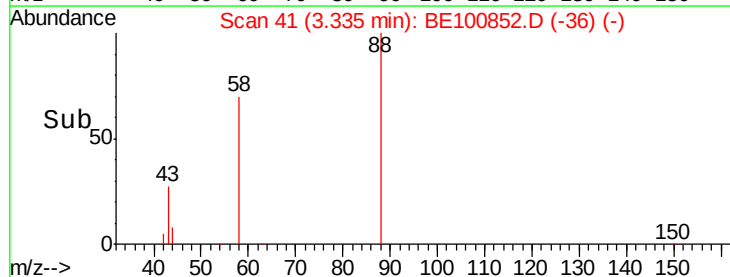
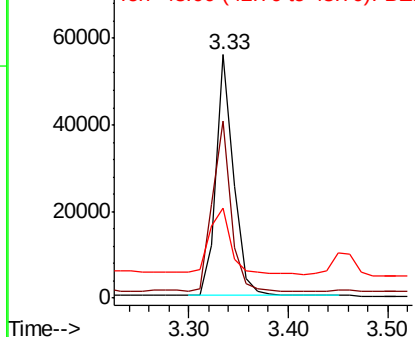
#2

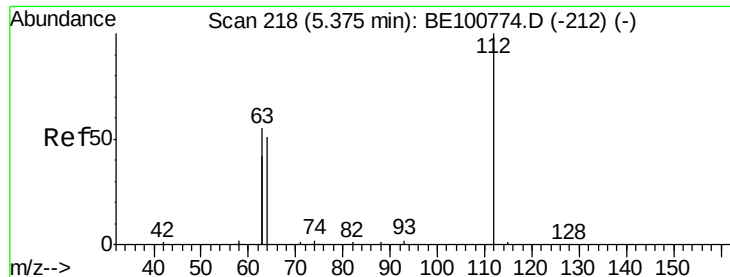
1,4-Dioxane
 Concen: 7.521 ng
 RT: 3.33 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE100852.D
 Acq: 11 Dec 2019 18:43

Tgt Ion: 88 Resp: 68193
 Ion Ratio Lower Upper
 88 100
 58 74.2 52.5 78.7
 43 33.7 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: 0.189 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205

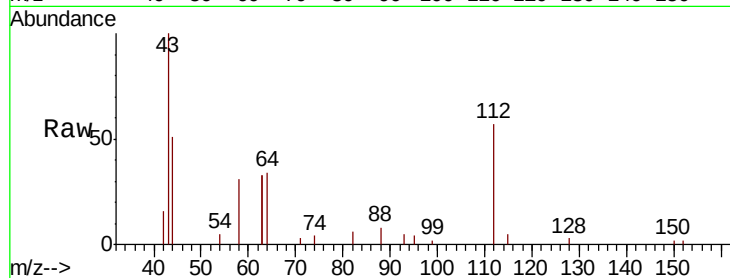
Tot Ion: 112 Resp: 2229

Ion Ratio Lower Upper

112 100

64 68.5 54.1 81.1

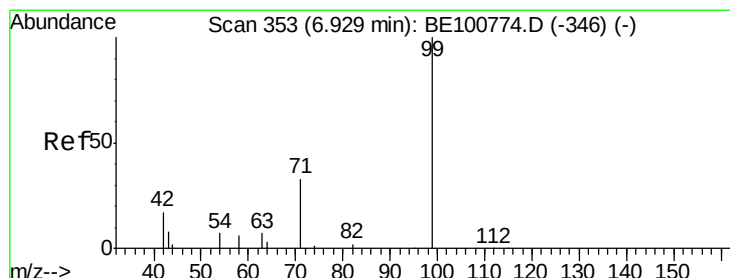
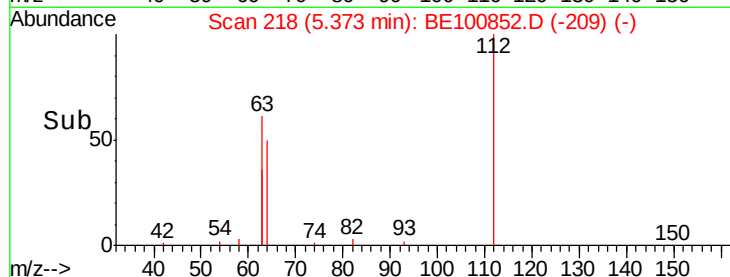
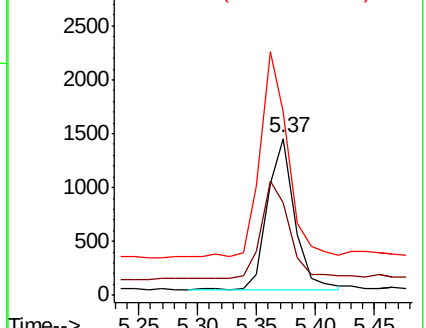
63 138.6 113.2 169.8



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: 0.119 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

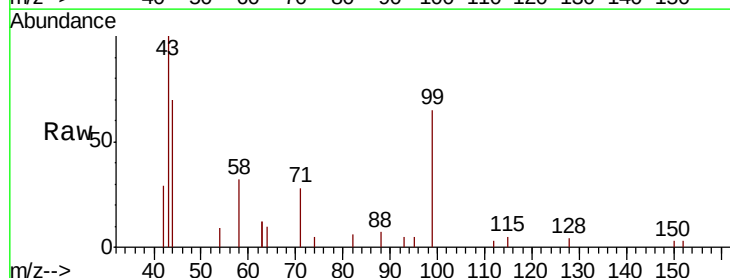
Tgt Ion: 99 Resp: 2112

Ion Ratio Lower Upper

99 100

42 26.2 19.1 28.7

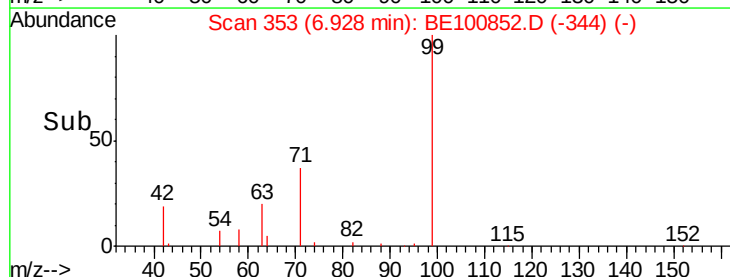
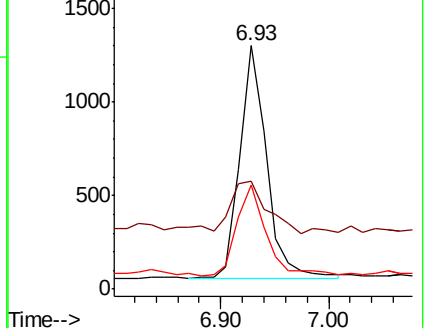
71 42.9 27.7 41.5#

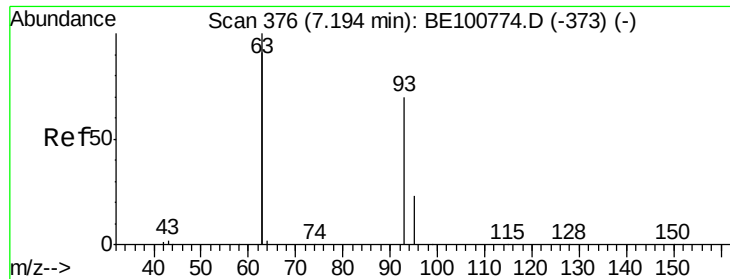


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

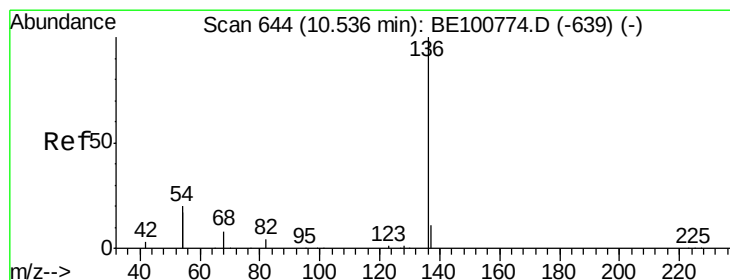
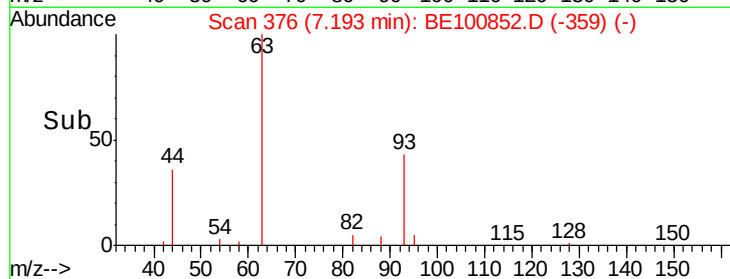
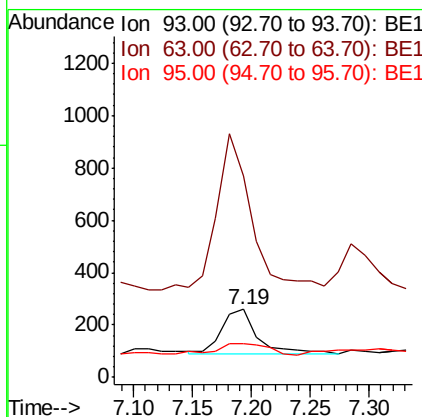
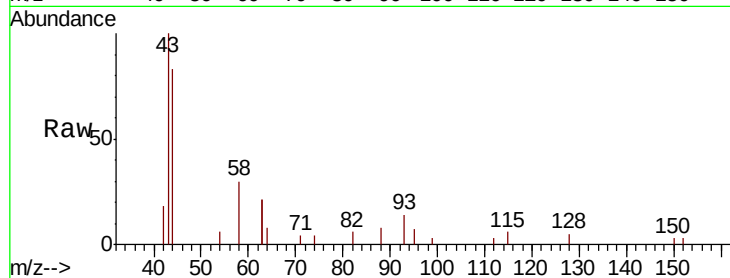




#6
 bis(2-Chloroethyl)ether
 Concen: 0.022 ng
 RT: 7.19 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: BE100852.D
 Acq: 11 Dec 2019 18:43

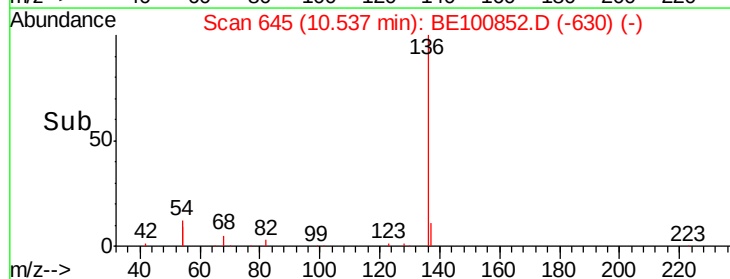
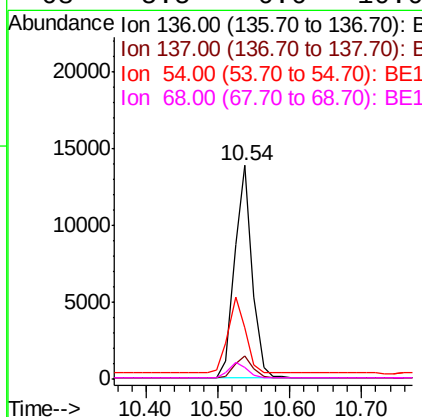
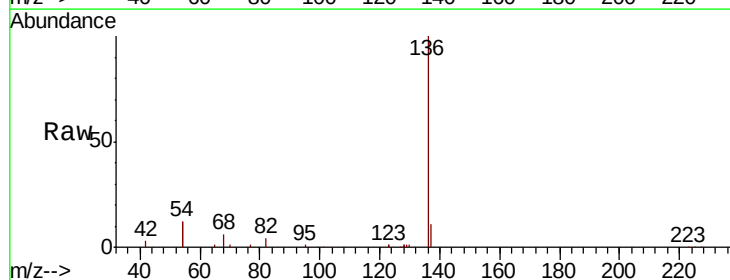
Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205

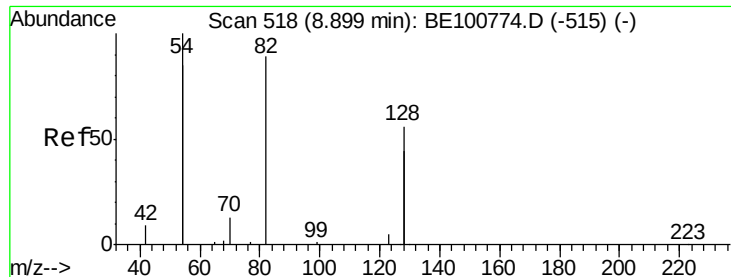
Tot Ion:	93	Resp:	375
Ion	Ratio	Lower	Upper
93	100		
63	309.1	259.4	389.0
95	33.1	26.2	39.2



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.54 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BE100852.D
 Acq: 11 Dec 2019 18:43

Tgt Ion:	136	Resp:	23388
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	24.2	31.1	46.7#
68	5.5	6.6	10.0#





#8

Nitrobenzene-d5

Concen: 0.501 ng

RT: 8.90 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205

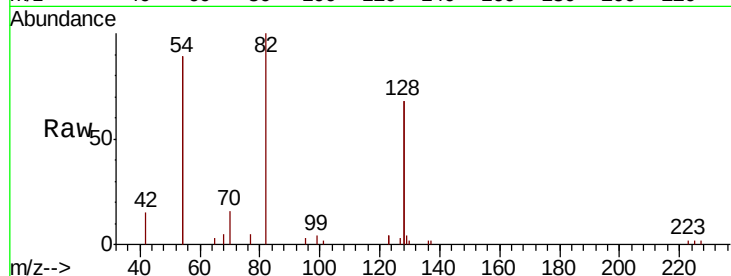
Tot Ion: 82 Resp: 5585

Ion Ratio Lower Upper

82 100

128 135.6 97.0 145.4

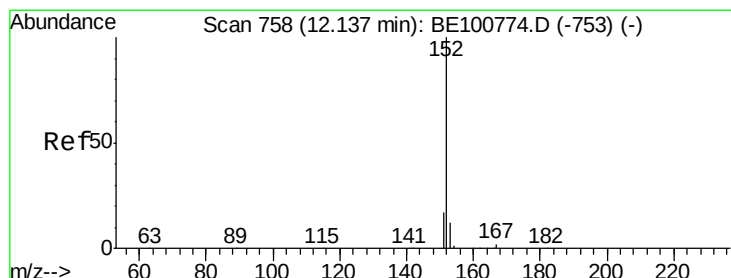
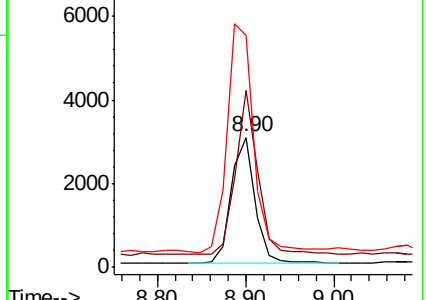
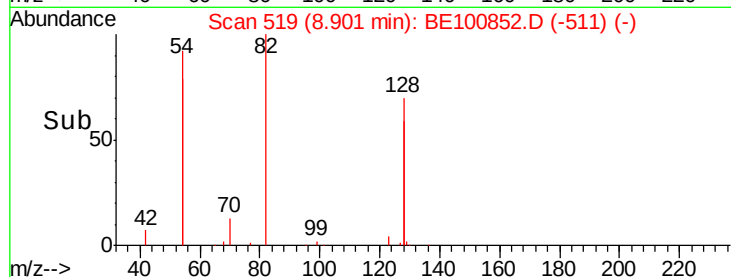
54 178.4 171.8 257.6



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: 0.432 ng

RT: 12.14 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100852.D

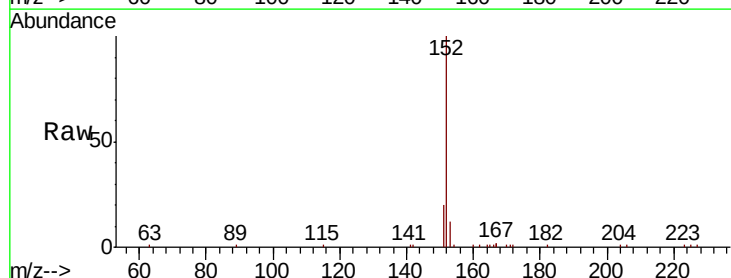
Acq: 11 Dec 2019 18:43

Tgt Ion: 152 Resp: 14641

Ion Ratio Lower Upper

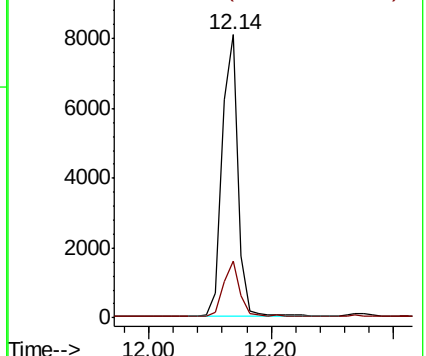
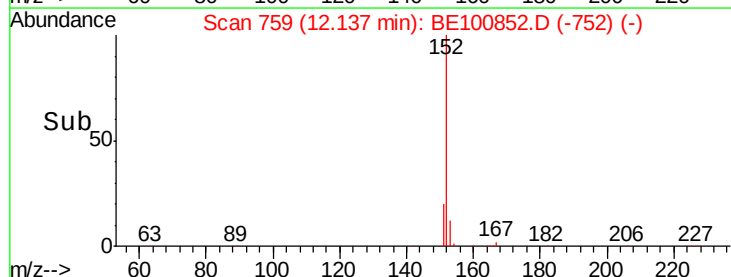
152 100

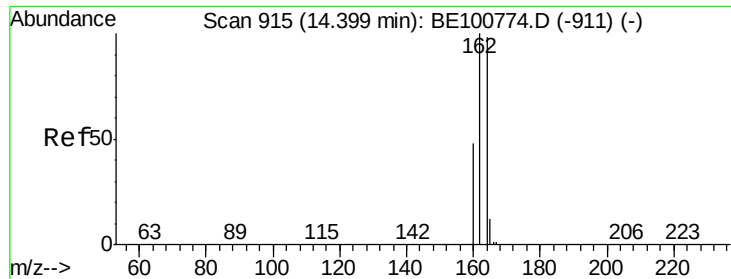
151 19.8 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

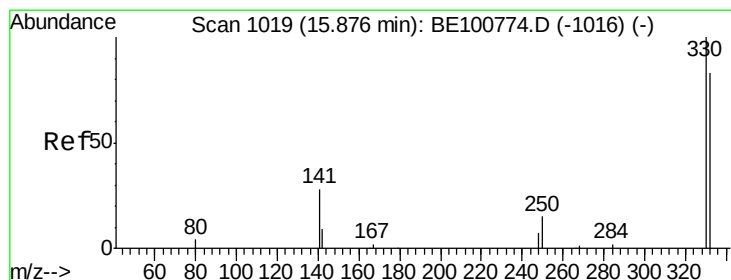
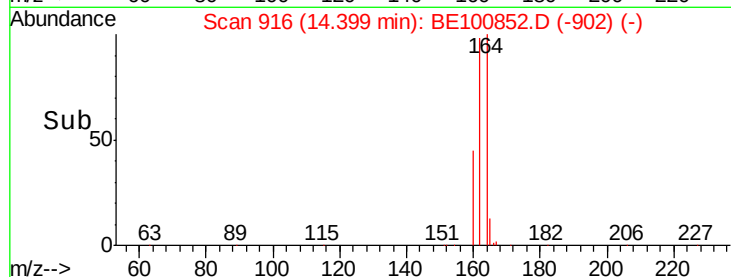
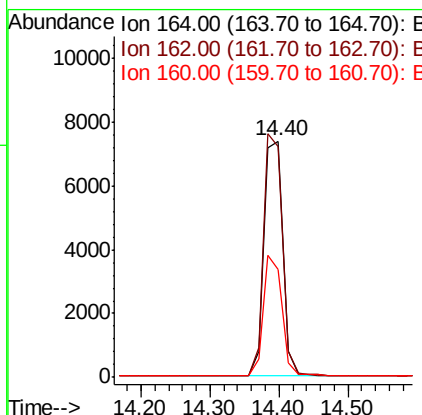
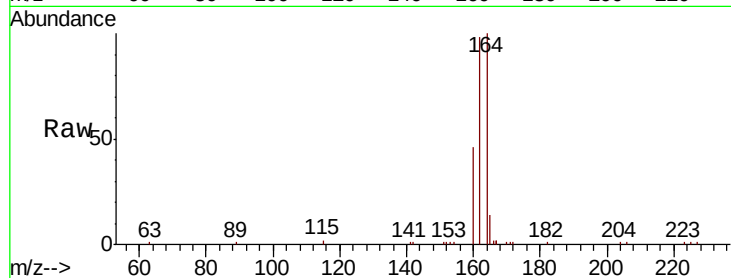




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

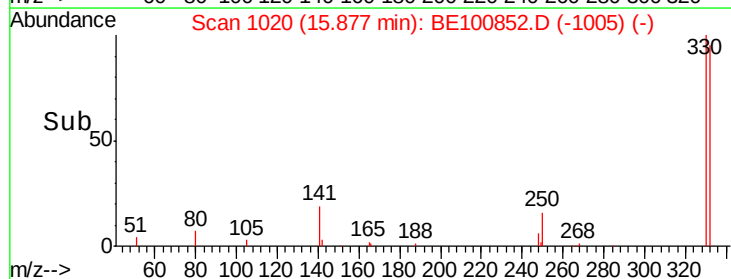
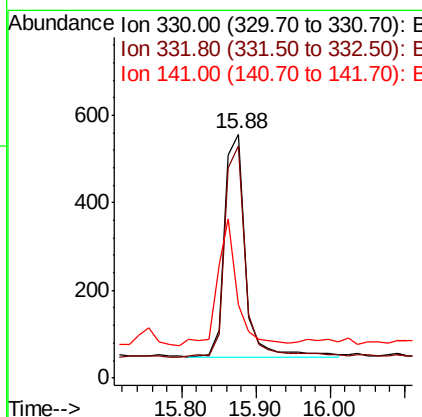
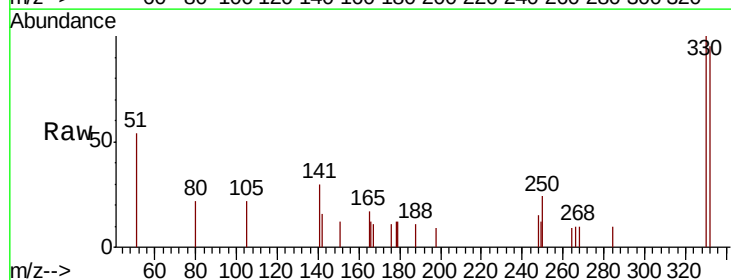
Instrument :
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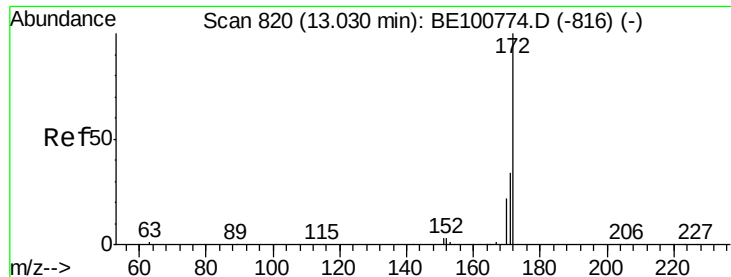
Tot Ion:164 Resp: 13959
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.0
160 45.9 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.640 ng
RT: 15.88 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:330 Resp: 994
Ion Ratio Lower Upper
330 100
332 97.2 69.4 104.2
141 54.6 51.1 76.7

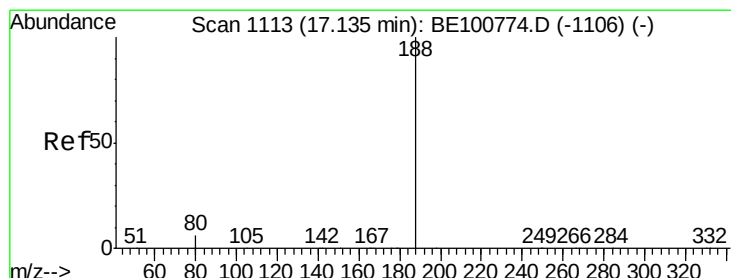
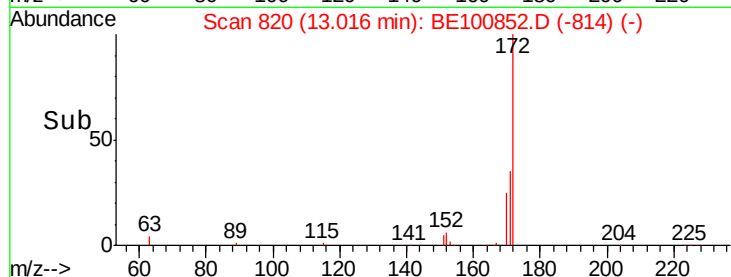
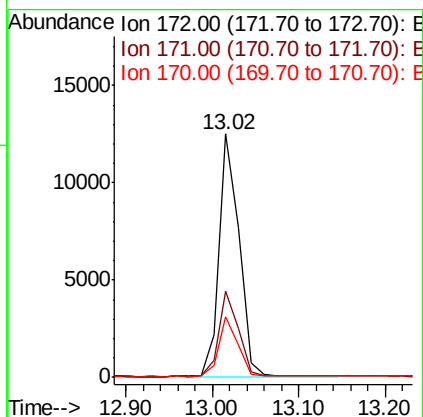
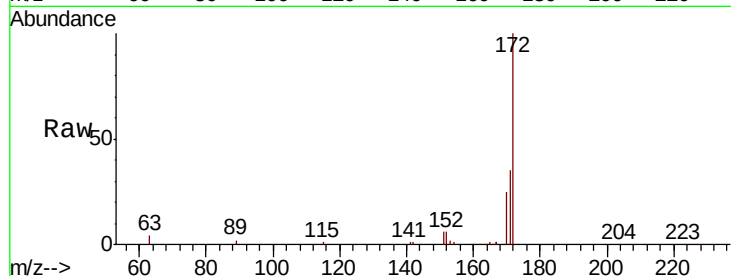




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.02 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

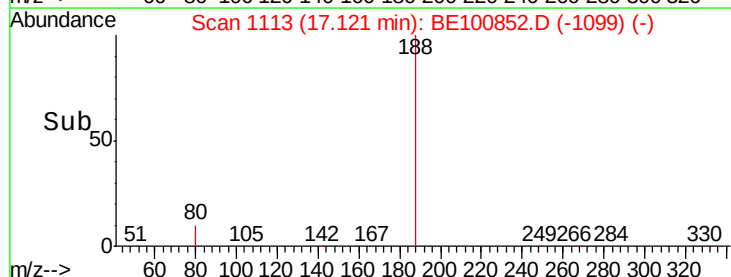
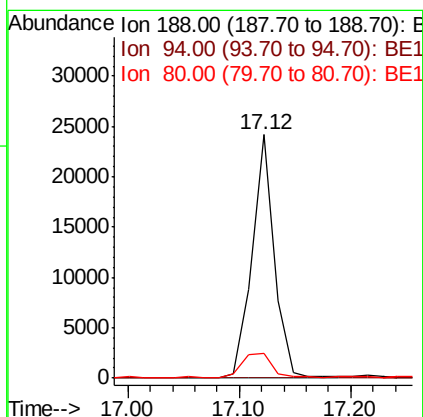
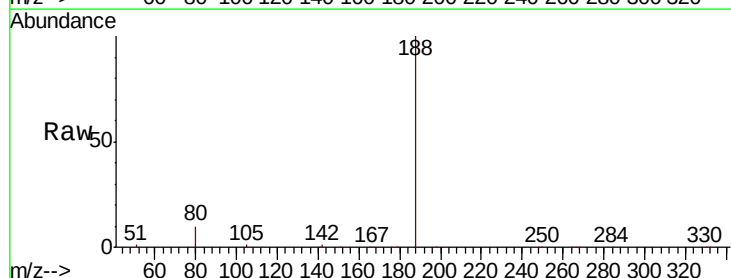
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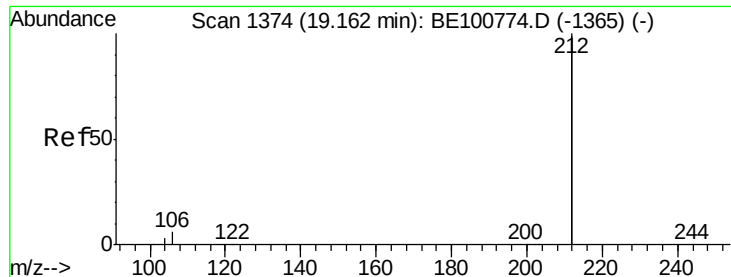
Tot Ion:172 Resp: 20173
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 24.9 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BE100852.D
Acq: 11 Dec 2019 18:43

Tgt Ion:188 Resp: 33518
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 19.15 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205

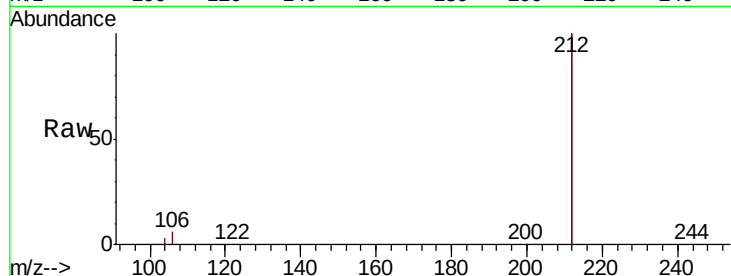
Tot Ion:212 Resp: 157065

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

104 1.8 1.4 2.2

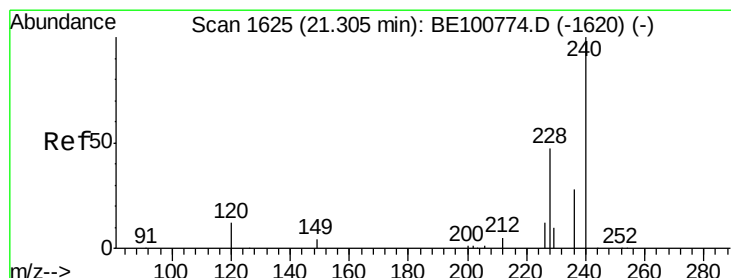
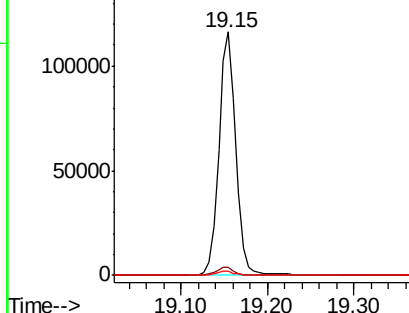
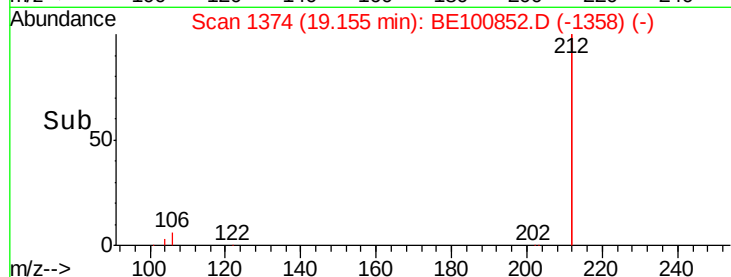


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

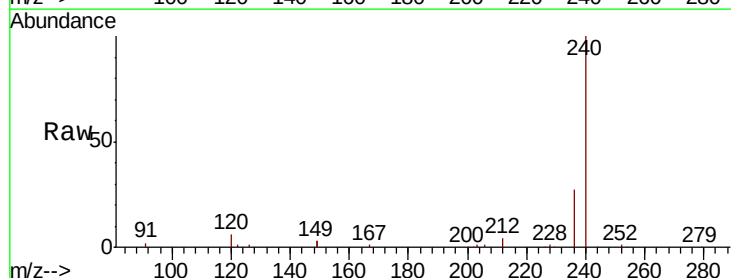
Tgt Ion:240 Resp: 29147

Ion Ratio Lower Upper

240 100

120 5.7 10.2 15.2#

236 27.0 22.3 33.5

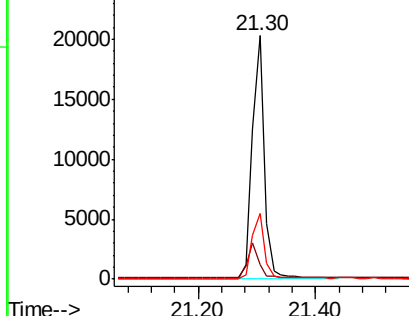
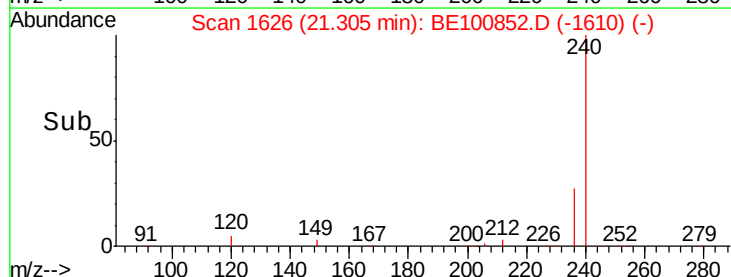


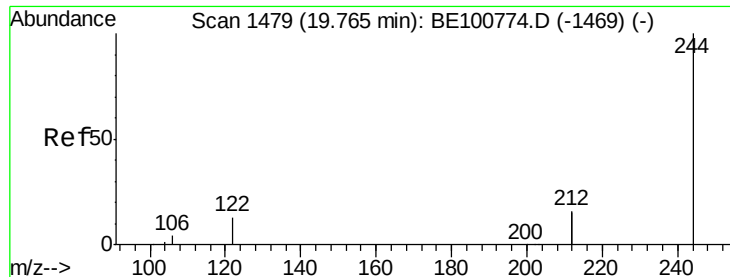
Abundance

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: 0.431 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205

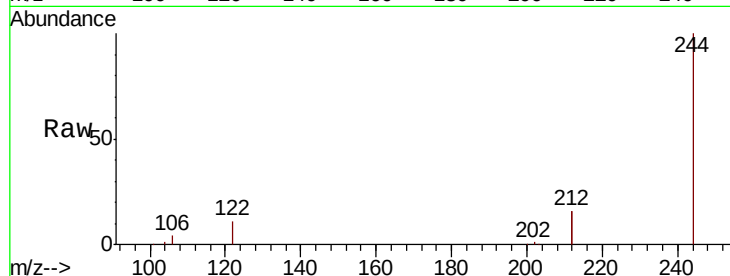
Tot Ion:244 Resp: 30094

Ion Ratio Lower Upper

244 100

212 31.2 26.2 39.4

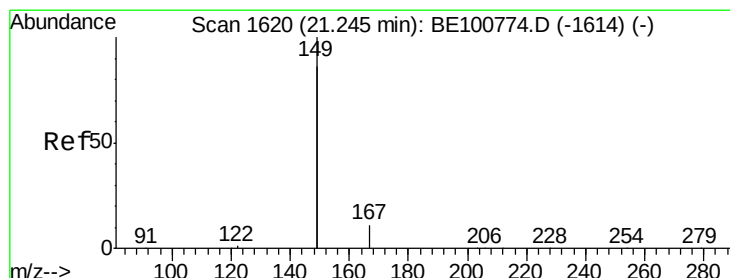
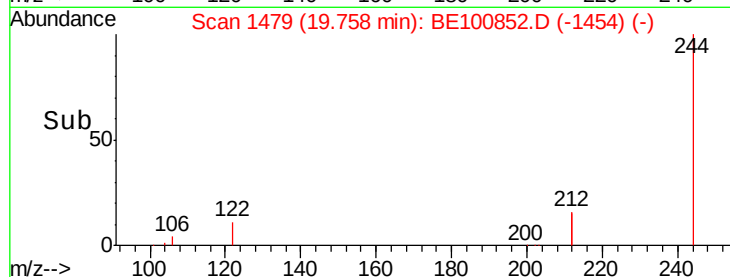
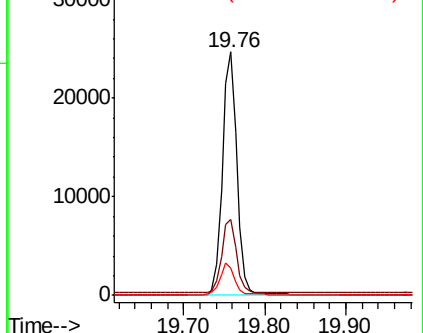
122 11.0 10.2 15.4



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: 0.136 ng

RT: 21.23 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

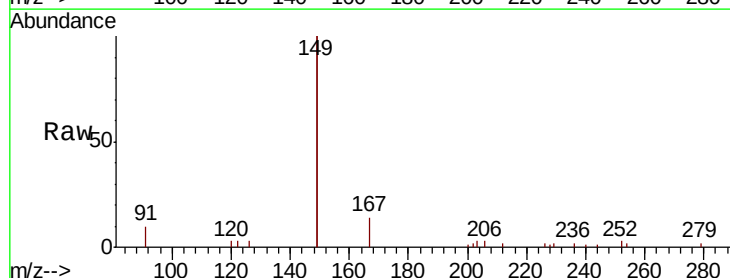
Tgt Ion:149 Resp: 10391

Ion Ratio Lower Upper

149 100

167 7.3 5.0 7.6

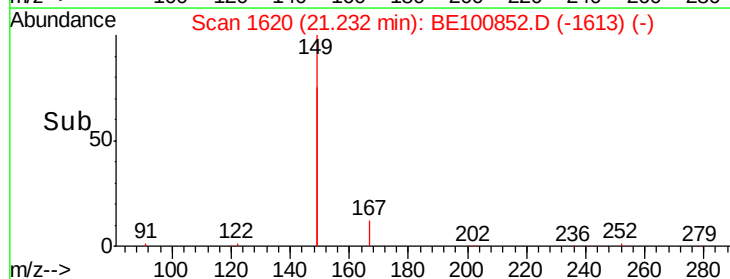
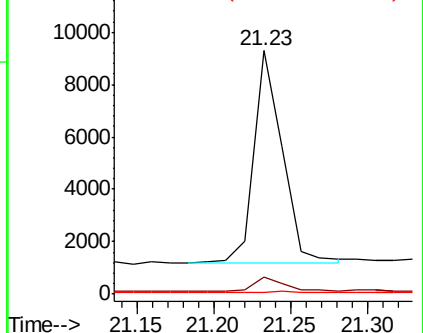
279 0.8 0.7 1.1

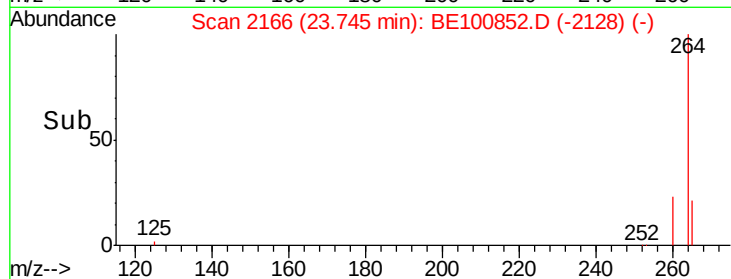
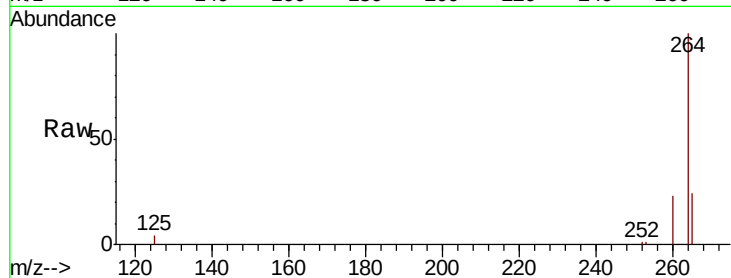
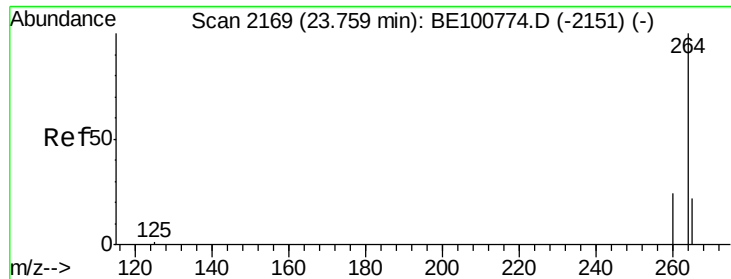


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE100852.D

Acq: 11 Dec 2019 18:43

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205

Tot Ion: 264 Resp: 34148

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 24.0 21.8 32.8

