

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100979.D
 Acq On : 26 Dec 2019 20:01
 Operator : JU
 Sample : K6392-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:09:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2361	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11962	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7485	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	18559	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19585	0.40	ng	0.00
34) Perylene-d12	23.72	264	21734	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	817	0.20	ng	0.00
5) Phenol-d6	6.93	99	503	0.26	ng	-0.06
8) Nitrobenzene-d5	8.90	82	2012	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	6678	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	591	0.45	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	12502	0.47	ng	-0.02
25) Fluoranthene-d10	19.14	212	98054	0.44	ng	0.00
29) Terphenyl-d14	19.74	244	20390	0.45	ng	-0.02

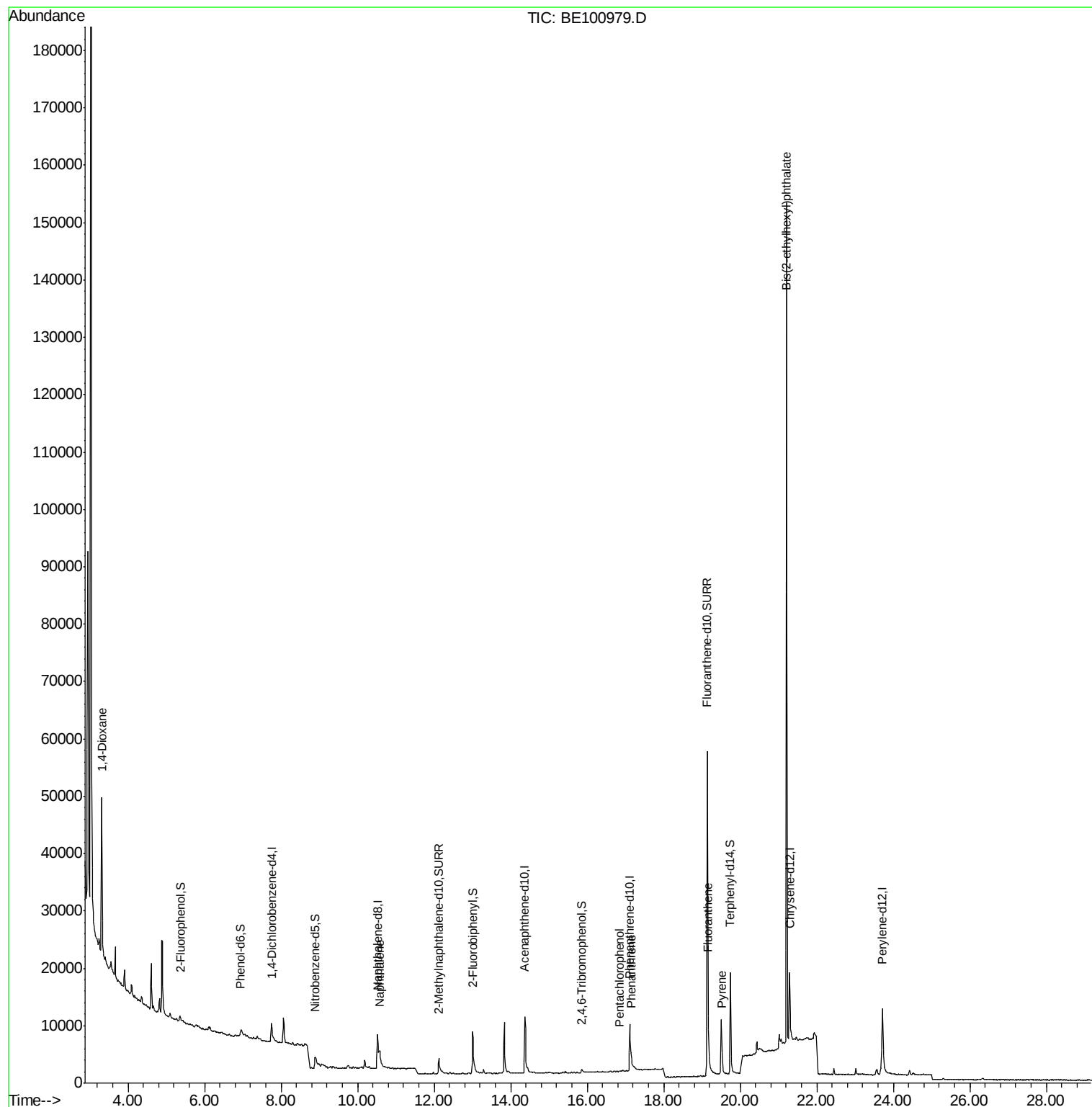
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	21009	4.433	ng	# 66
9) Naphthalene	10.58	128	4206	0.033	ng	# 90
22) Pentachlorophenol	16.84	266	7	0.102	ng	# 88
23) Phenanthrene	17.15	178	2783	0.058	ng	# 89
26) Fluoranthene	19.17	202	3247	0.050	ng	# 98
28) Pyrene	19.53	202	2594	0.038	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.21	149	167675	1.740	ng	100

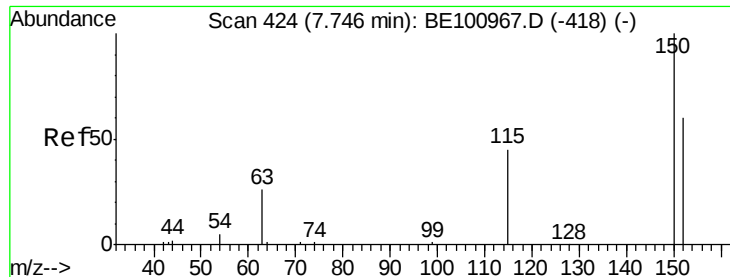
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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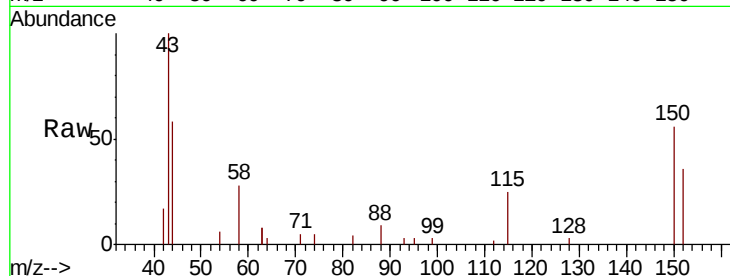


#1

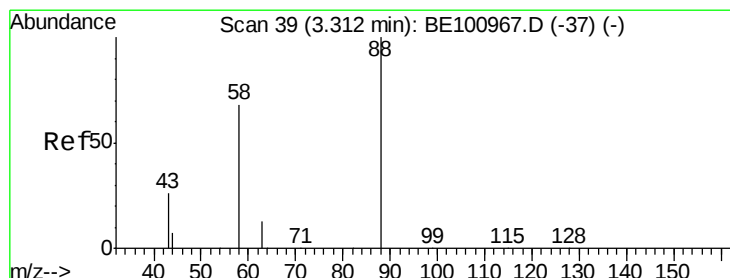
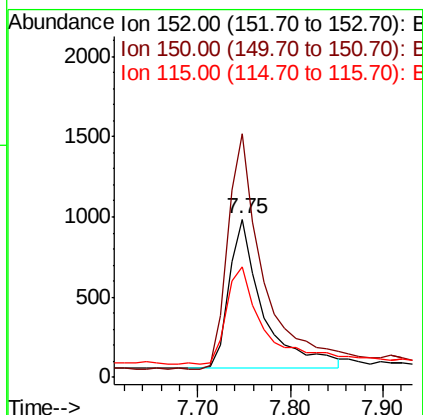
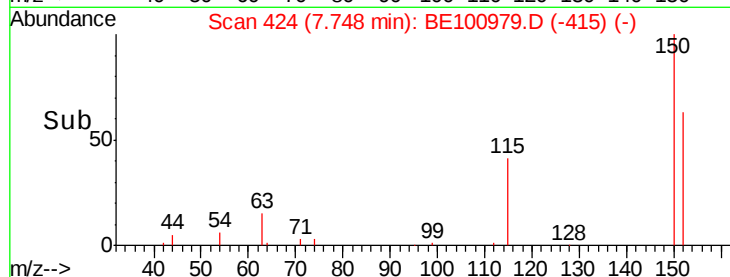
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2361
Ion Ratio Lower Upper
152 100
150 154.0 132.6 199.0
115 70.0 64.1 96.1



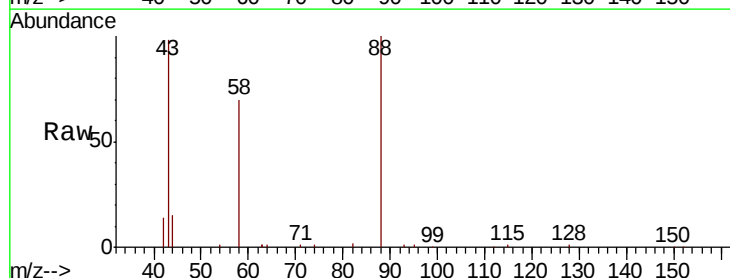
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



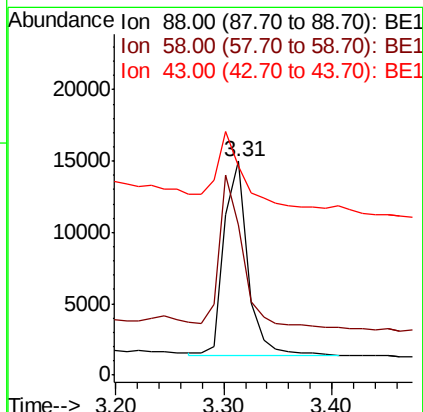
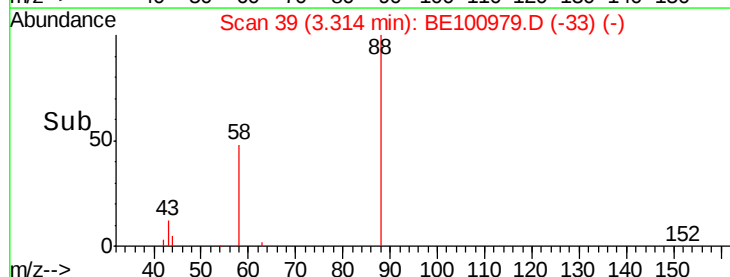
#2

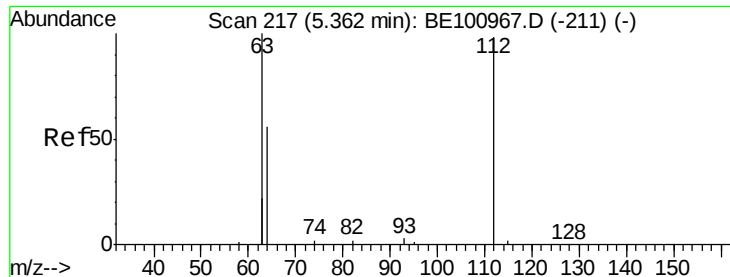
1,4-Dioxane
Concen: 4.433 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion: 88 Resp: 21009
Ion Ratio Lower Upper
88 100
58 78.7 44.2 66.4#
43 45.3 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: 0.205 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampleId :

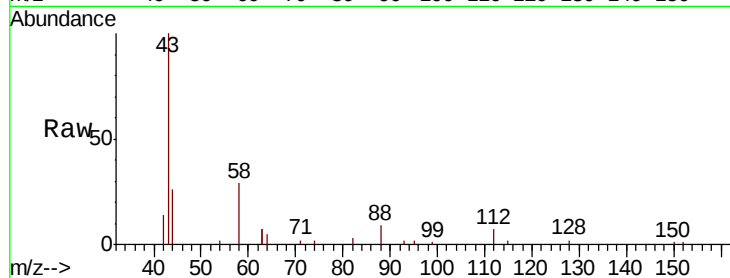
Tot Ion:112 Resp: 817

Ion Ratio Lower Upper

112 100

64 75.2 59.0 88.6

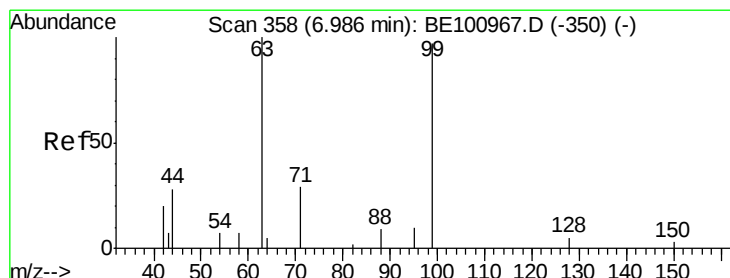
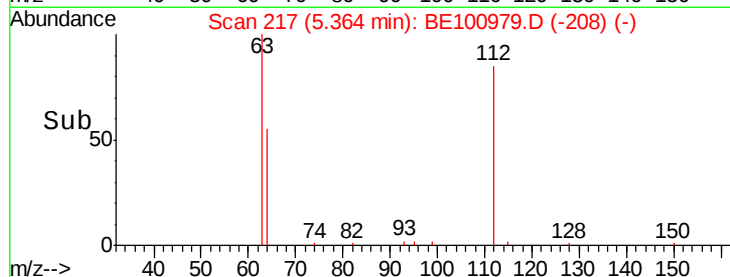
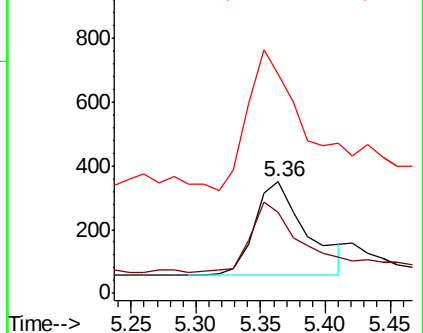
63 165.6 121.4 182.0



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: 0.262 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.06 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

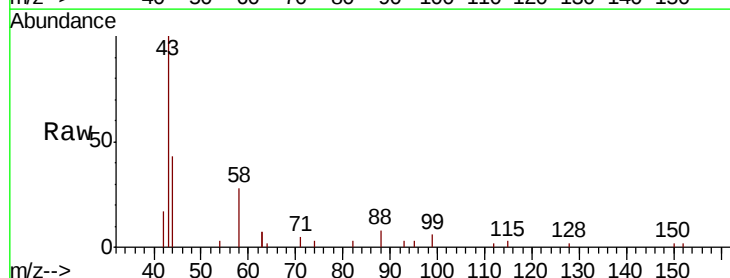
Tgt Ion: 99 Resp: 503

Ion Ratio Lower Upper

99 100

42 51.3 0.0 0.0#

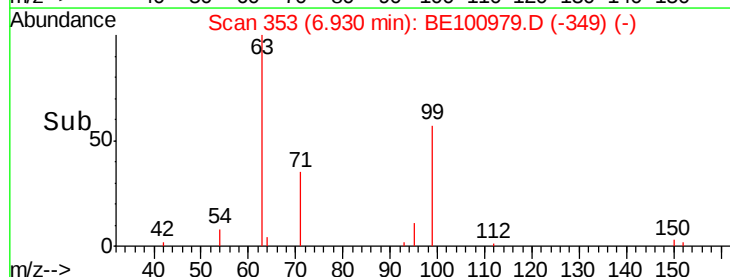
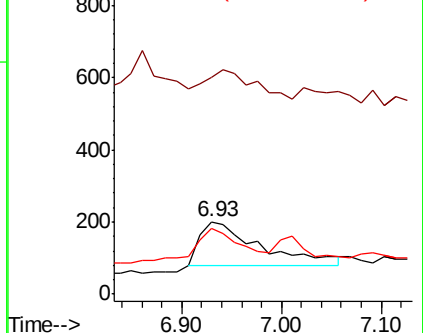
71 40.8 0.0 0.0#

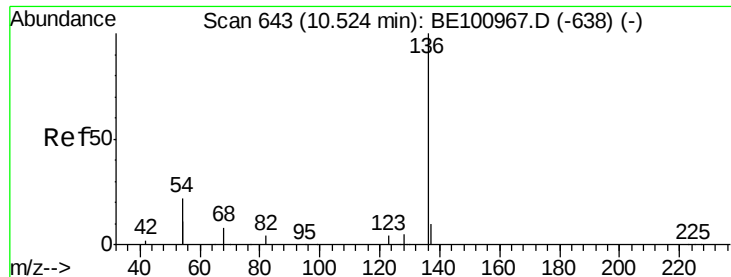


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11962

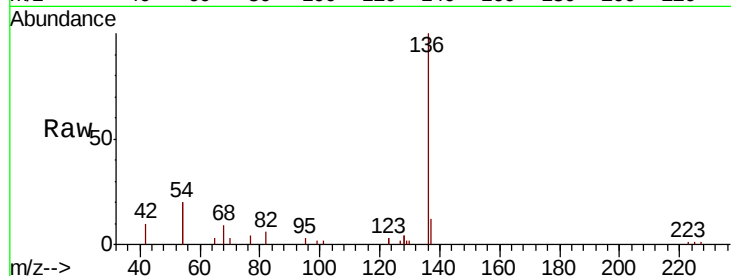
Ion Ratio Lower Upper

136 100

137 12.4 9.0 13.6

54 39.8 34.4 51.6

68 9.1 7.8 11.6

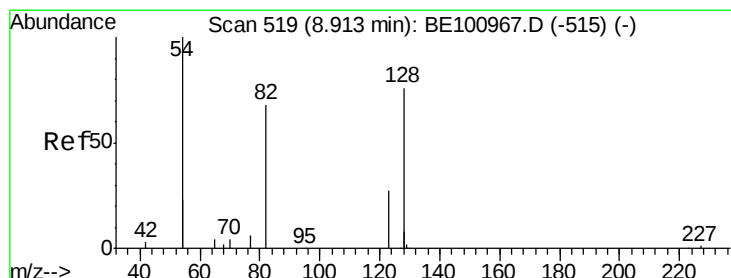
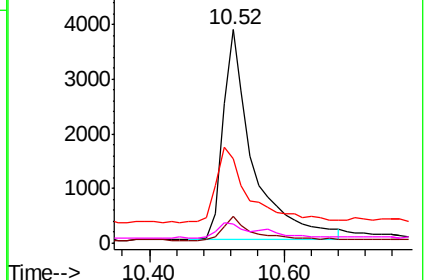
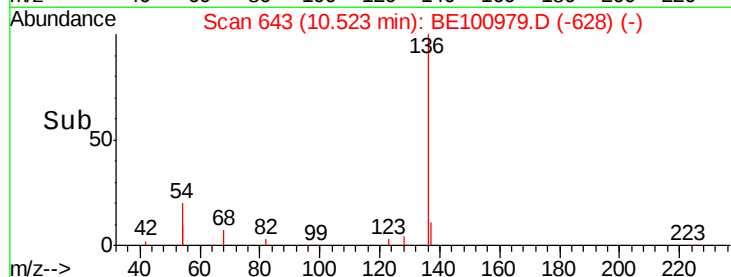


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.435 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

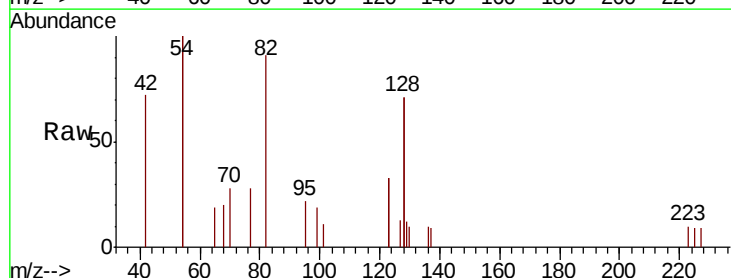
Tgt Ion: 82 Resp: 2012

Ion Ratio Lower Upper

82 100

128 155.5 140.2 210.2

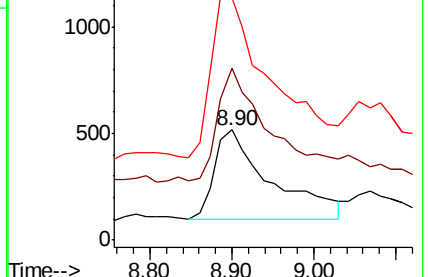
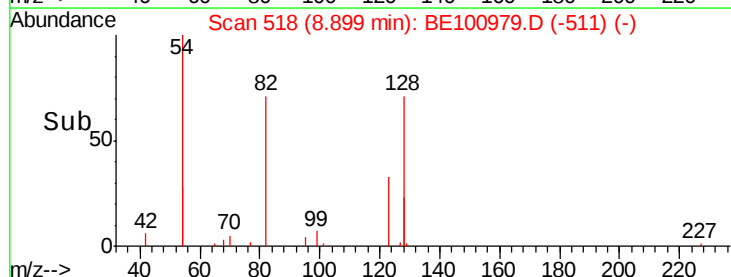
54 220.1 183.8 275.6

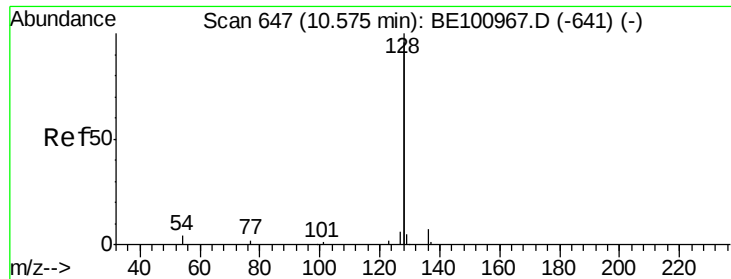


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

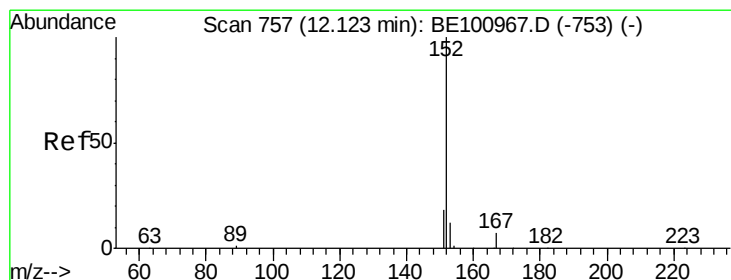
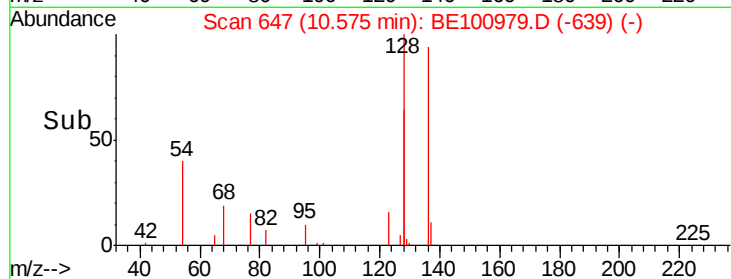
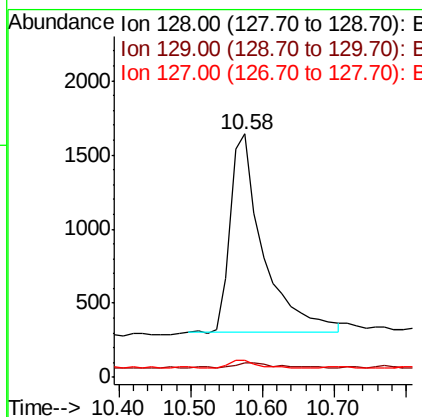
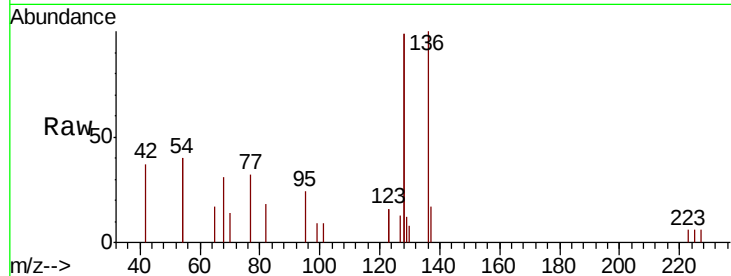




#9
Naphthalene
Concen: 0.033 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

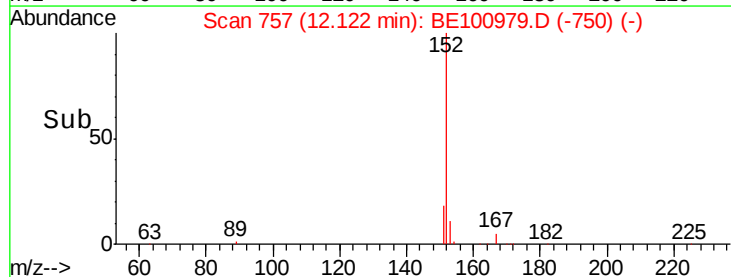
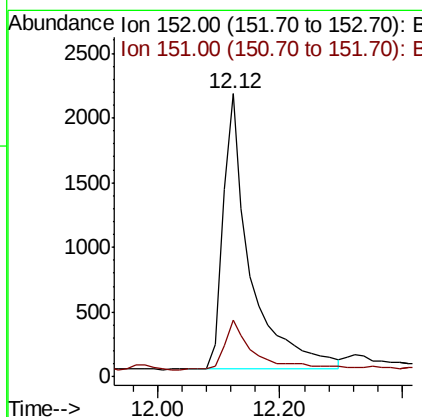
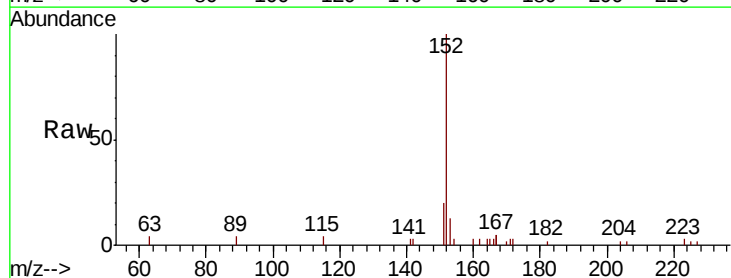
Instrument :
BNA_E
ClientSampleId :

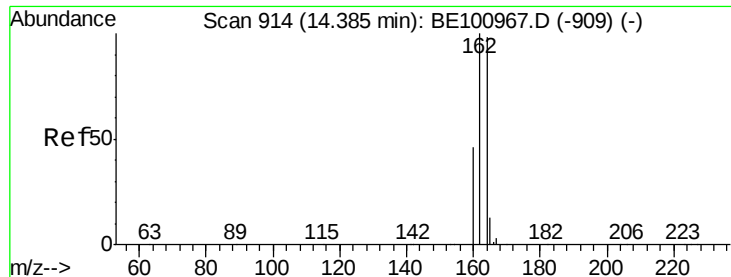
Tot Ion:128 Resp: 4206
Ion Ratio Lower Upper
128 100
129 6.2 2.6 3.8#
127 6.8 2.8 4.2#



#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion:152 Resp: 6678
Ion Ratio Lower Upper
152 100
151 18.2 15.1 22.7

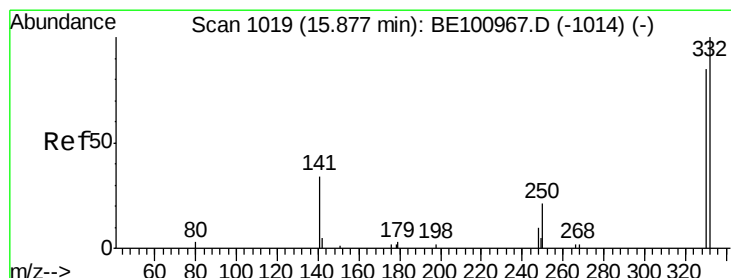
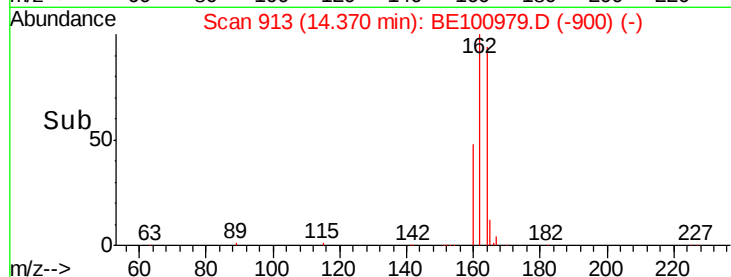
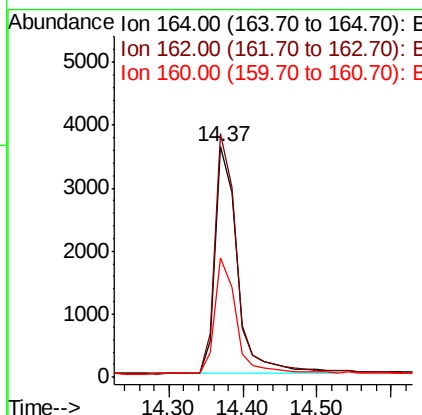
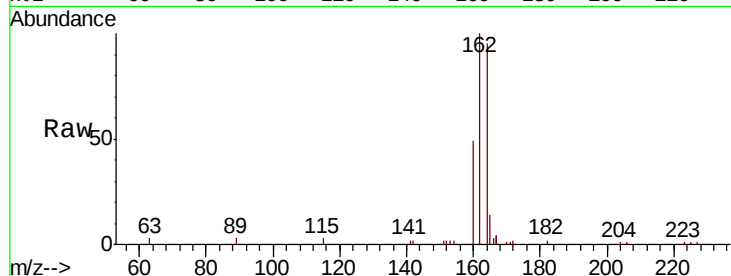




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BE100979.D
 Acq: 26 Dec 2019 20:01

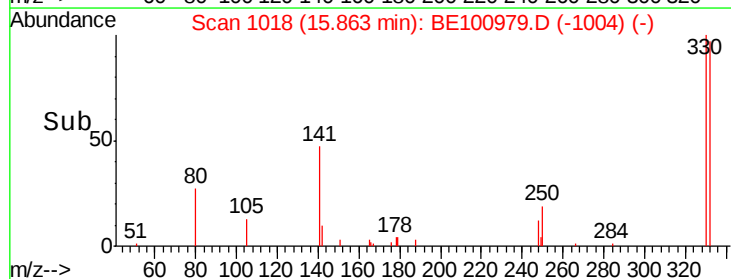
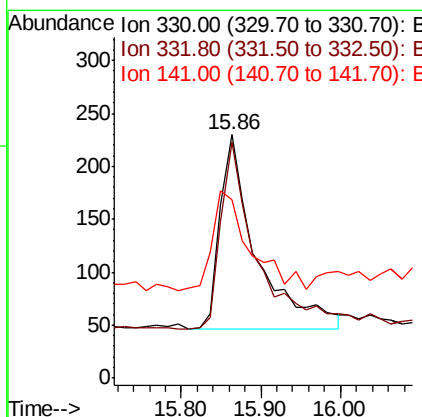
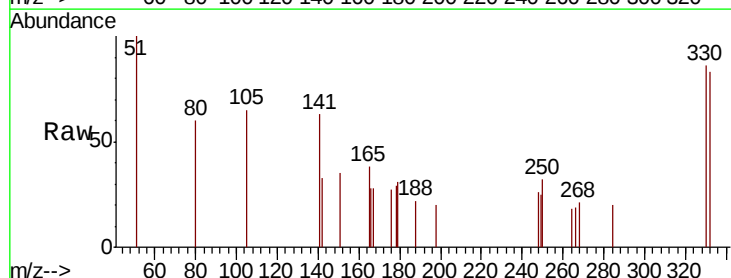
Instrument :
 BNA_E
 ClientSampleId :

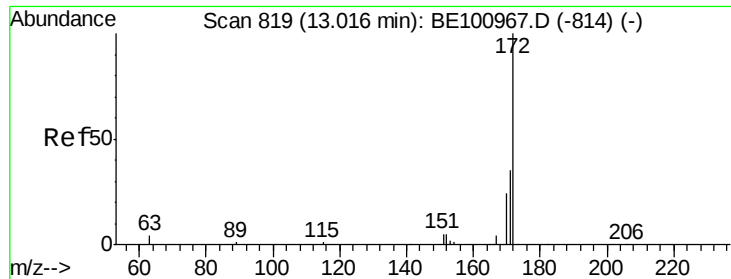
Tot Ion:164 Resp: 7485
 Ion Ratio Lower Upper
 164 100
 162 105.8 81.6 122.4
 160 52.0 37.7 56.5



#14
 2,4,6-Tribromophenol
 Concen: 0.451 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100979.D
 Acq: 26 Dec 2019 20:01

Tgt Ion:330 Resp: 591
 Ion Ratio Lower Upper
 330 100
 332 96.6 72.4 108.6
 141 51.6 25.4 38.2#

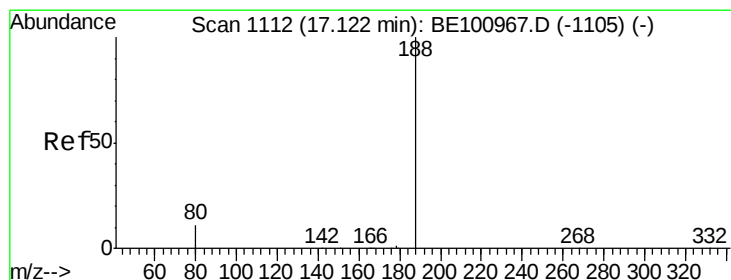
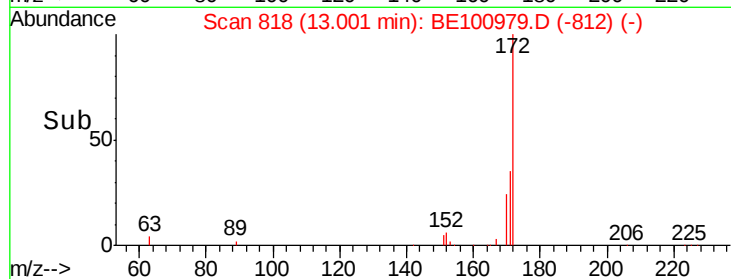
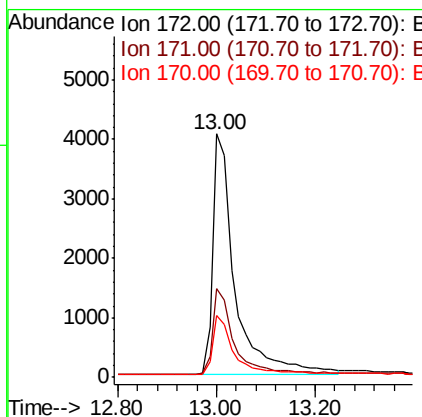
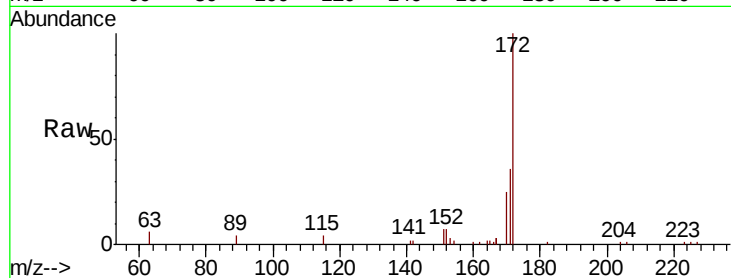




#15
2-Fluorobiphenyl
Concen: 0.470 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

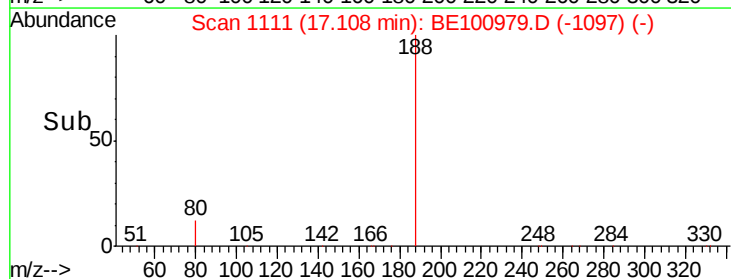
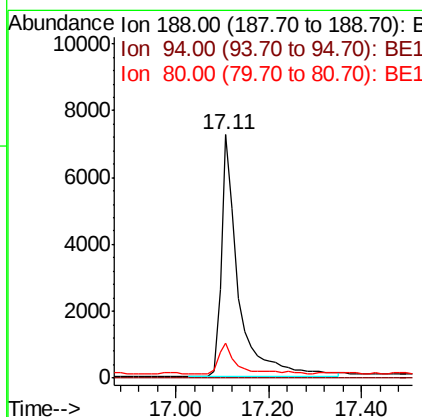
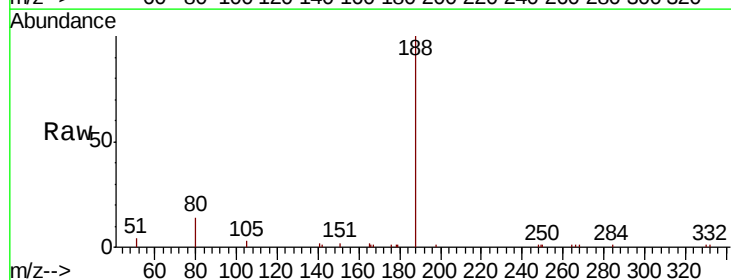
Instrument :
BNA_E
ClientSampleId :

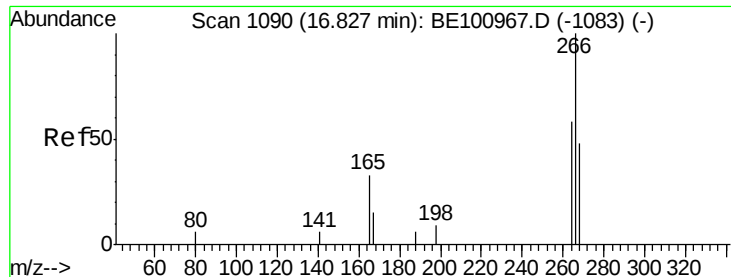
Tot Ion:172 Resp: 12502
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 25.2 20.0 30.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100979.D
Acq: 26 Dec 2019 20:01

Tgt Ion:188 Resp: 18559
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 9.7 14.5





#22

Pentachlorophenol

Concen: 0.102 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BE100979.D

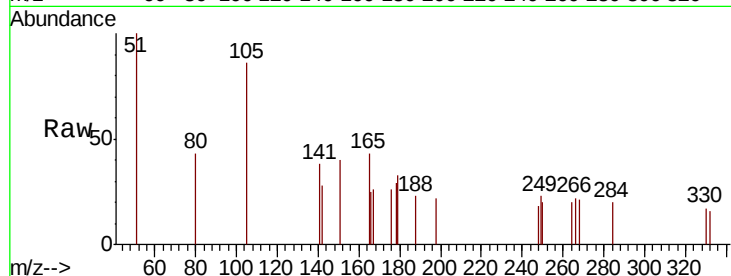
Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampleId :

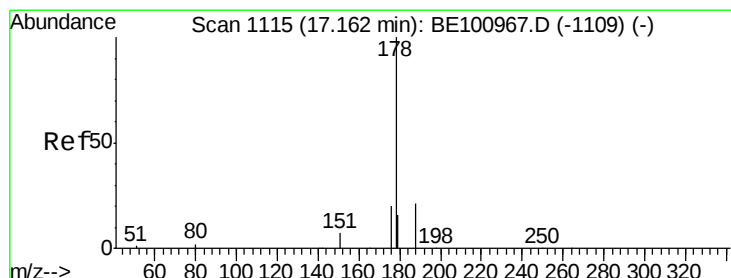
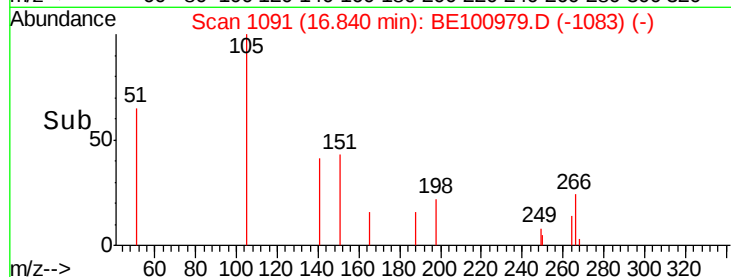
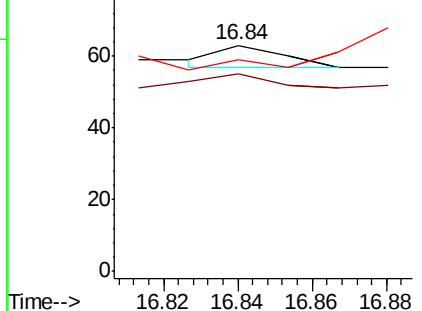
Tot Ion:266	Resp: 7
Ion Ratio	Lower Upper
266 100	
264 87.3	62.3 93.5
268 93.7	66.1 99.1



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.058 ng

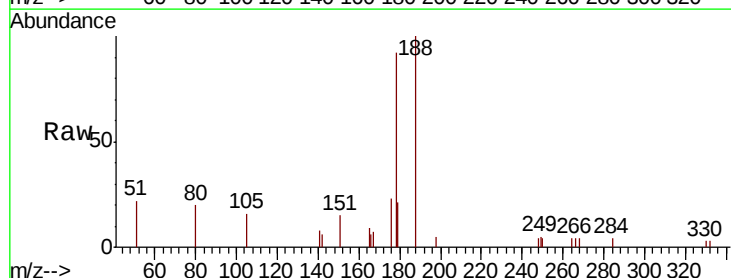
RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

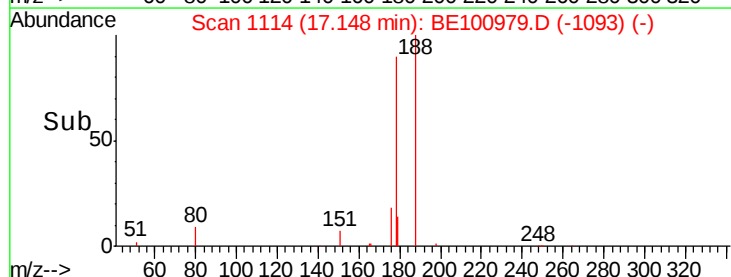
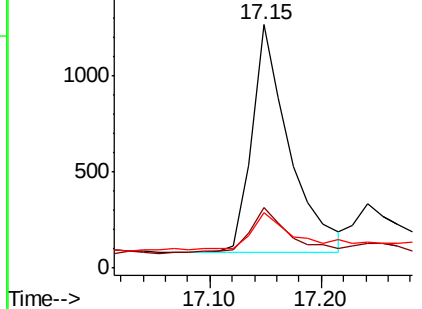
Tgt Ion:178	Resp:	2783	
Ion Ratio	Lower	Upper	
178 100			
176 21.1	15.7	23.5	
179 24.6	12.6	18.8#	

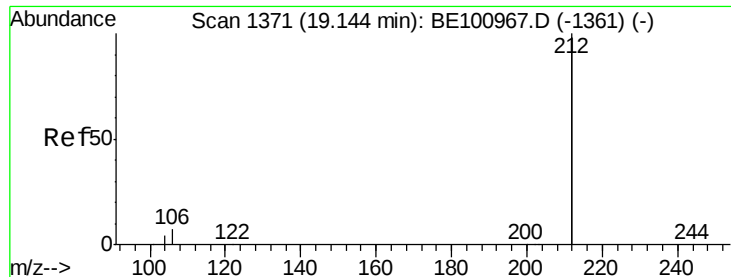


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.14 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampleId :

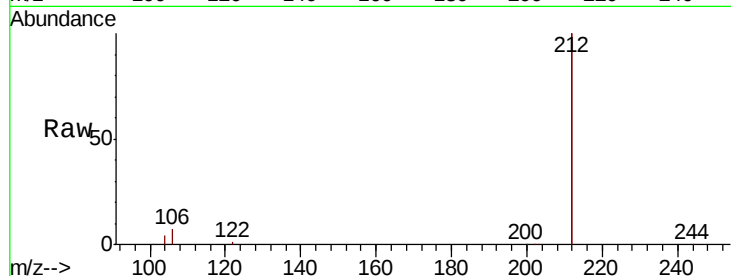
Tot Ion:212 Resp: 98054

Ion Ratio Lower Upper

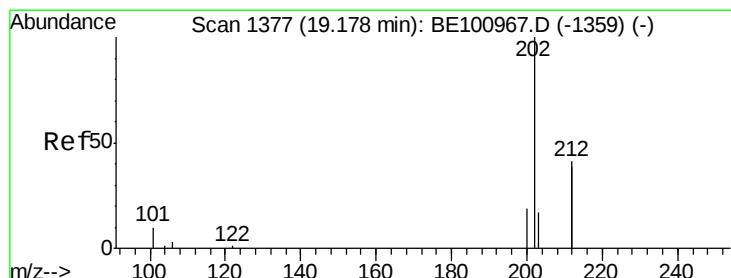
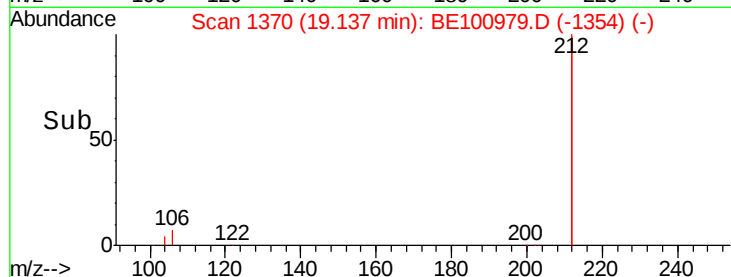
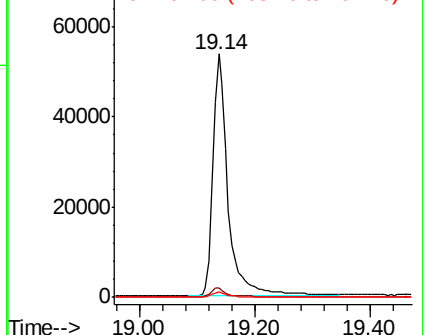
212 100

106 3.3 2.4 3.6

104 1.9 1.4 2.0



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



#26

Fluoranthene

Concen: 0.050 ng

RT: 19.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

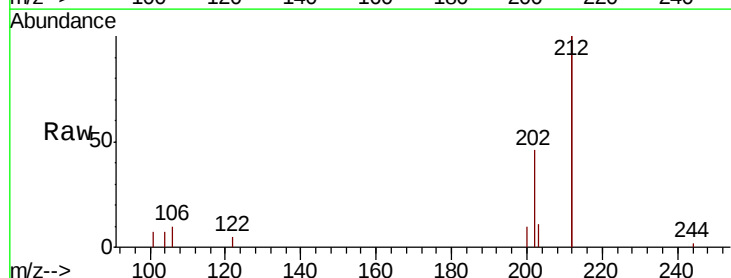
Tgt Ion:202 Resp: 3247

Ion Ratio Lower Upper

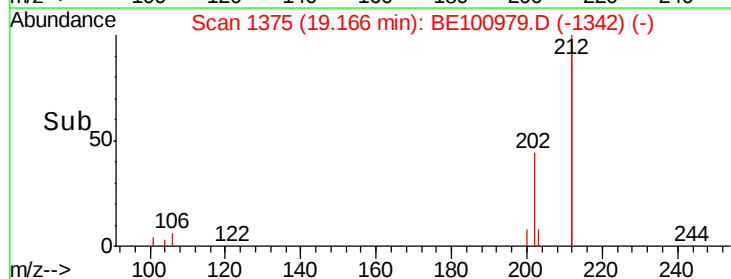
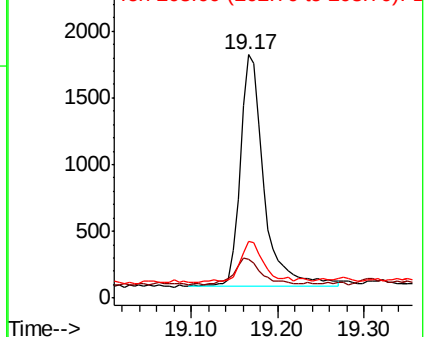
202 100

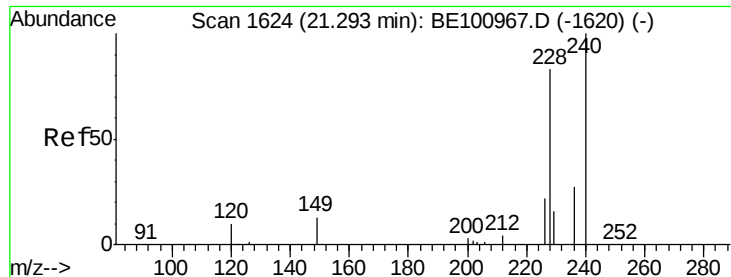
101 12.6 9.0 13.4

203 16.8 13.2 19.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampleId :

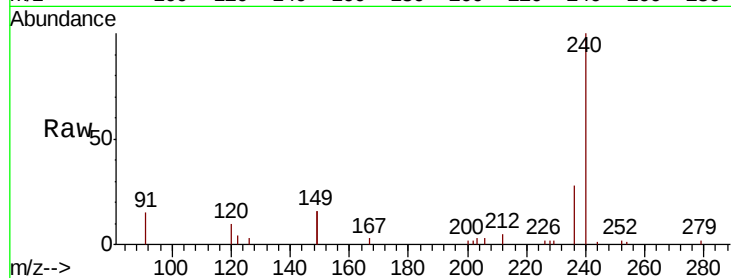
Tot Ion:240 Resp: 19585

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 27.6 22.6 34.0

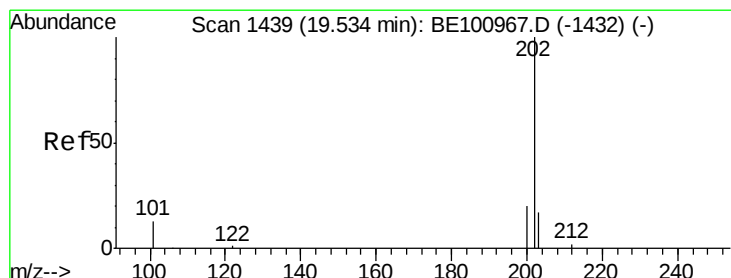
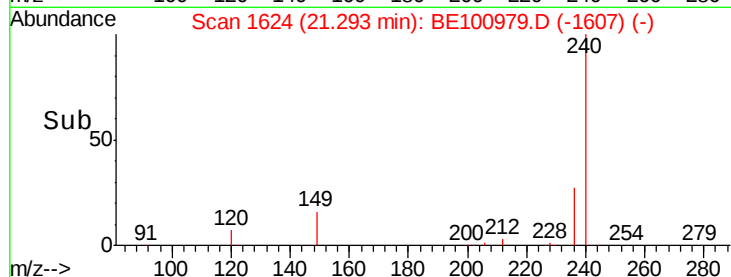
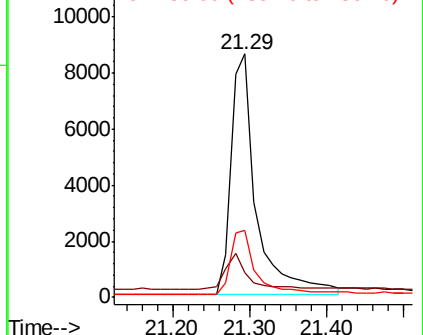


Abundance

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



#28

Pyrene

Concen: 0.038 ng

RT: 19.53 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

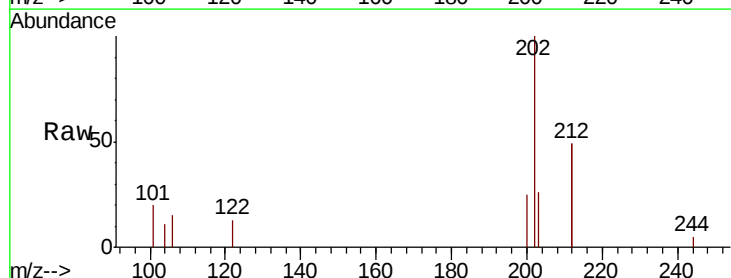
Tgt Ion:202 Resp: 2594

Ion Ratio Lower Upper

202 100

200 23.2 16.6 25.0

203 23.7 13.8 20.6#

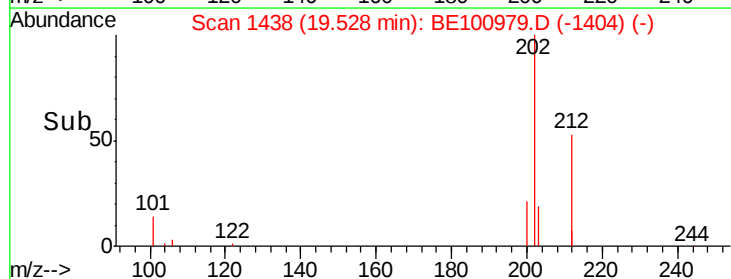
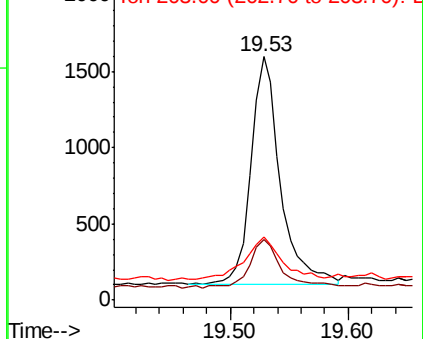


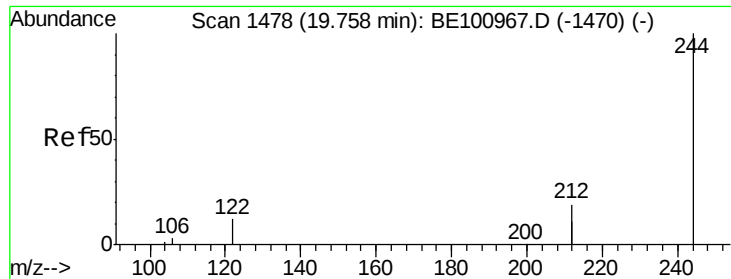
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.453 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampled :

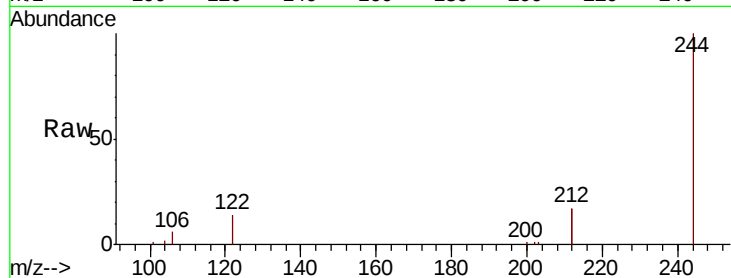
Tot Ion:244 Resp: 20390

Ion Ratio Lower Upper

244 100

212 34.6 29.3 43.9

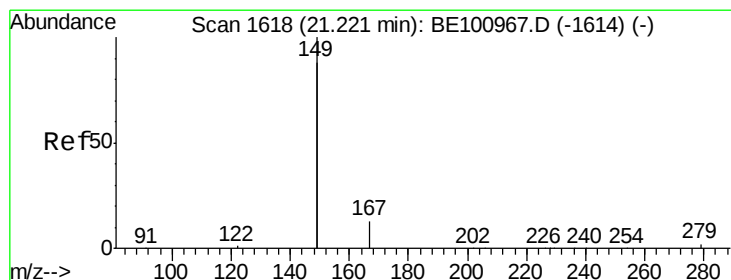
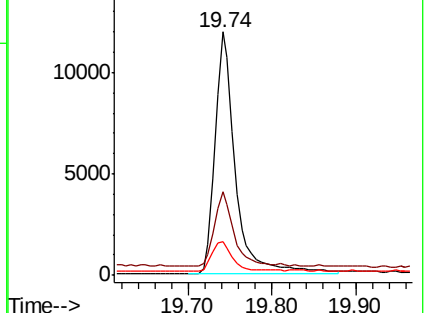
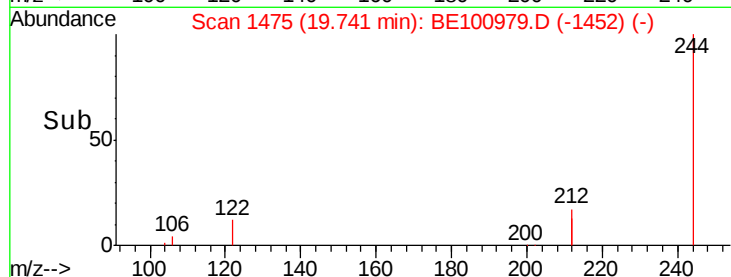
122 13.7 10.2 15.4



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: 1.740 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

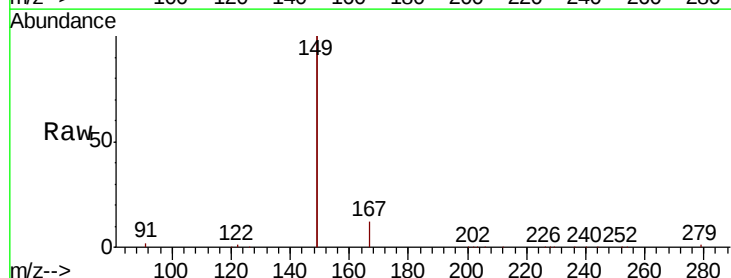
Tgt Ion:149 Resp: 167675

Ion Ratio Lower Upper

149 100

167 6.5 5.1 7.7

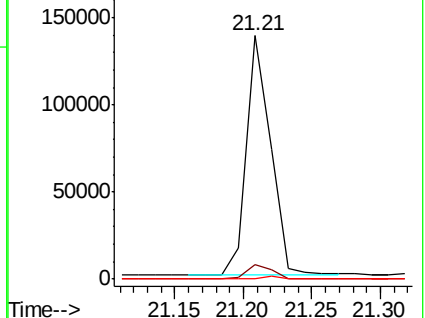
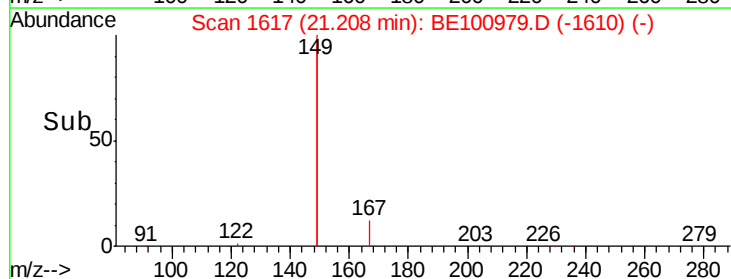
279 0.9 0.6 1.0

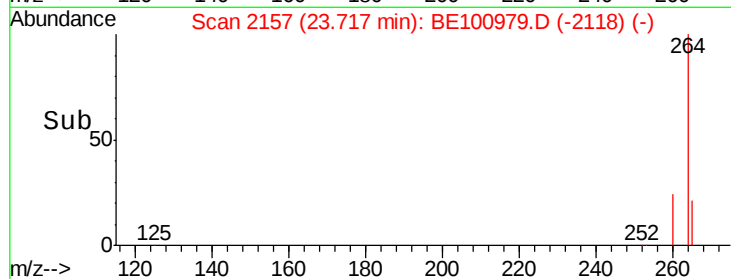
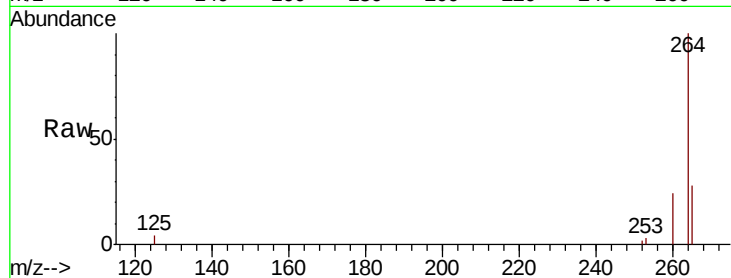
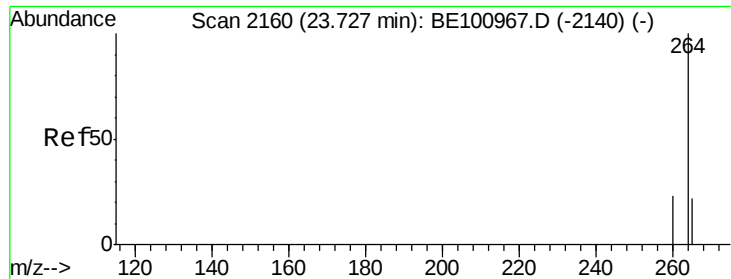


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.72 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BE100979.D

Acq: 26 Dec 2019 20:01

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 21734

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 27.9 26.6 40.0

