

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100981.D
 Acq On : 26 Dec 2019 21:16
 Operator : JU
 Sample : K6392-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:09:14 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

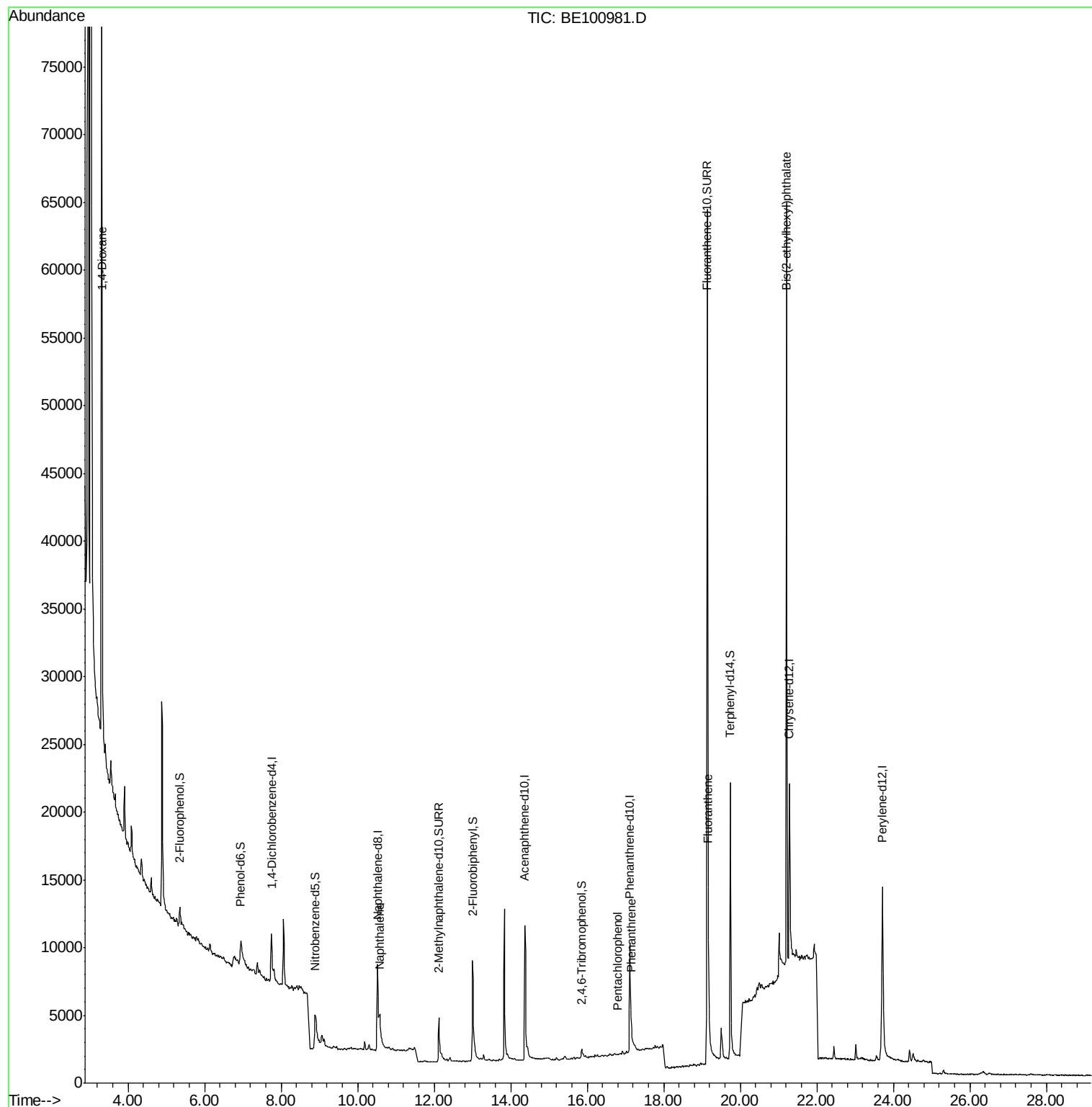
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2679	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12484	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7530	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	18446	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	20233	0.40	ng	-0.01
34) Perylene-d12	23.71	264	23731	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1106	0.24	ng	-0.01
5) Phenol-d6	6.93	99	606	0.27	ng	-0.06
8) Nitrobenzene-d5	8.89	82	2517	0.48	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	7407	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	687	0.49	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	12007	0.45	ng	-0.02
25) Fluoranthene-d10	19.14	212	110533	0.49	ng	0.00
29) Terphenyl-d14	19.74	244	22669	0.49	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	53381	10.280	ng	# 74
9) Naphthalene	10.58	128	2879	0.022	ng	# 86
22) Pentachlorophenol	16.80	266	23	0.117	ng	# 81
23) Phenanthrene	17.15	178	2040	0.043	ng	96
26) Fluoranthene	19.17	202	1486	0.023	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.21	149	62024	0.697	ng	100

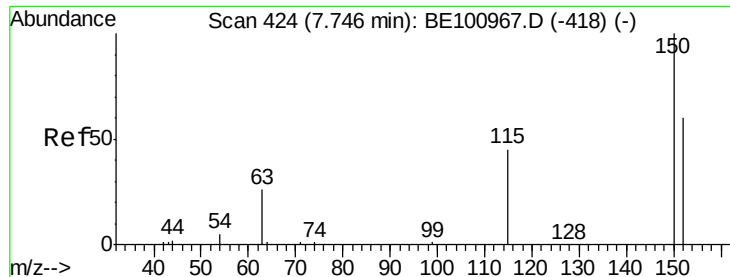
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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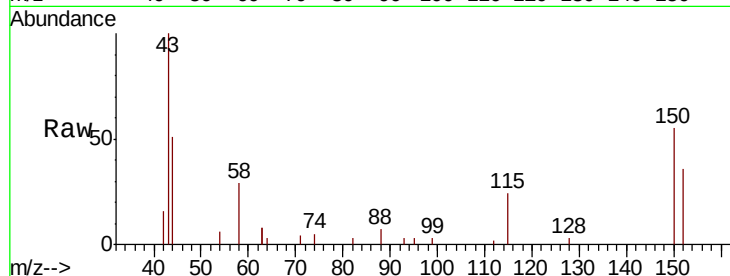


#1

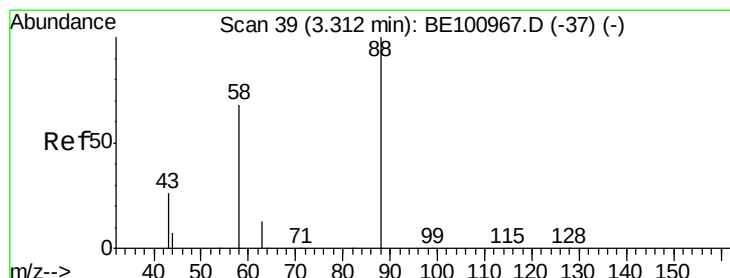
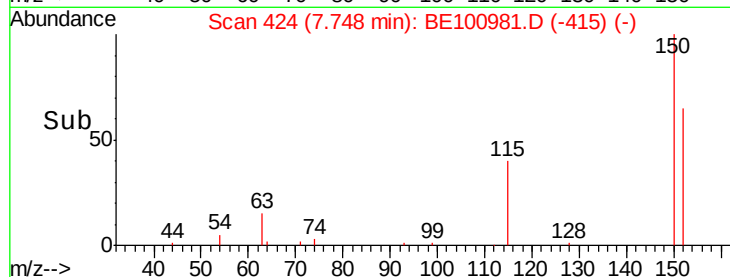
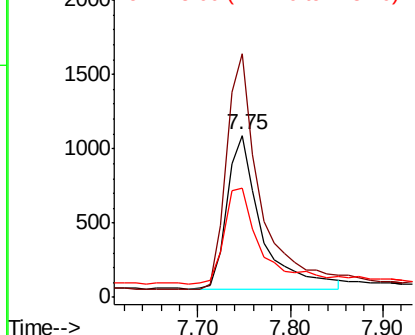
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2679
Ion Ratio Lower Upper
152 100
150 150.1 132.6 199.0
115 67.0 64.1 96.1



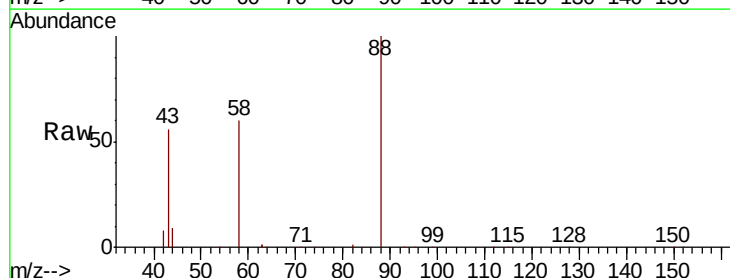
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



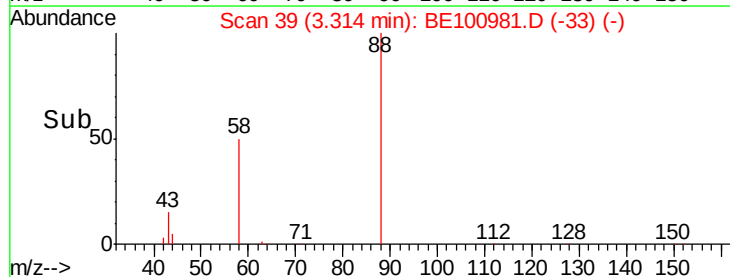
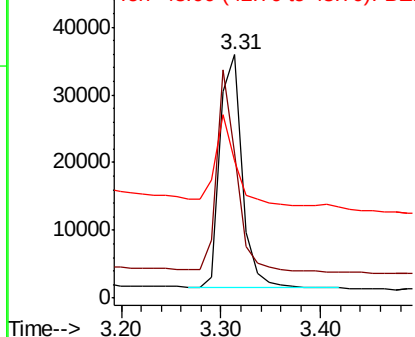
#2

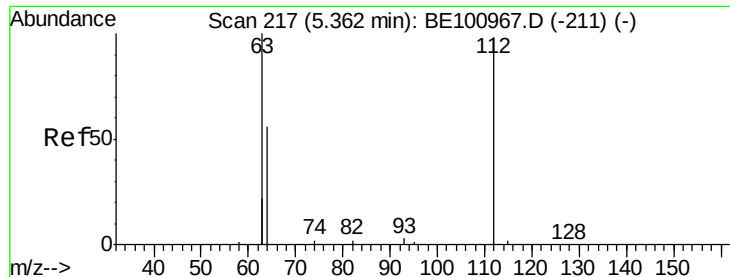
1,4-Dioxane
Concen: 10.280 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion: 88 Resp: 53381
Ion Ratio Lower Upper
88 100
58 77.1 44.2 66.4#
43 35.7 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: 0.244 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

ClientSampleId :

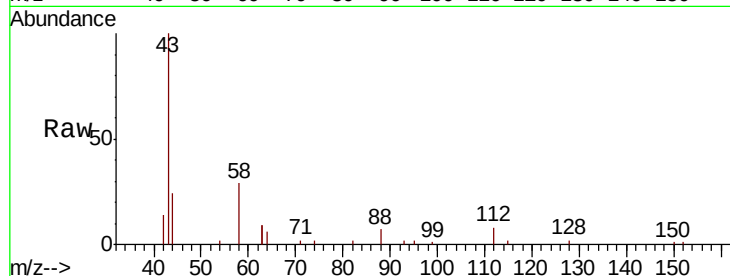
Tot Ion:112 Resp: 1106

Ion Ratio Lower Upper

112 100

64 68.3 59.0 88.6

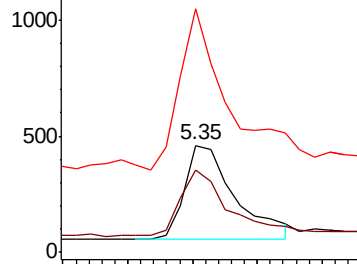
63 164.5 121.4 182.0



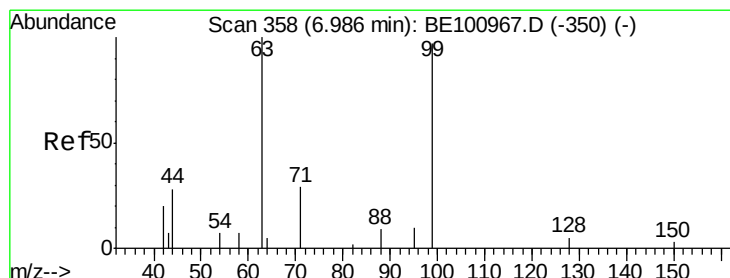
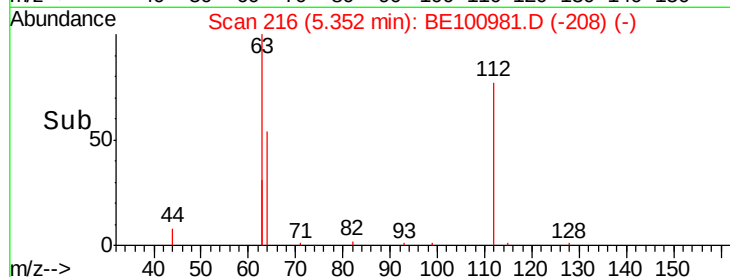
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time--> 5.25 5.30 5.35 5.40 5.45



#5

Phenol-d6

Concen: 0.266 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.06 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

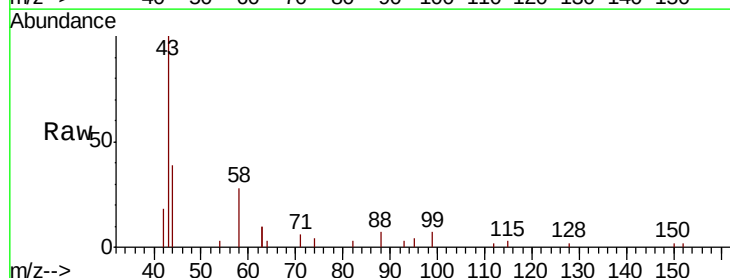
Tgt Ion: 99 Resp: 606

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

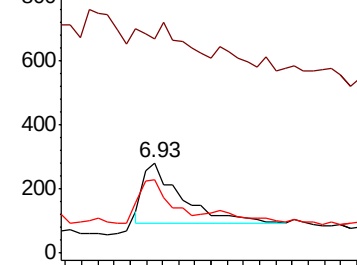
71 34.5 0.0 0.0#



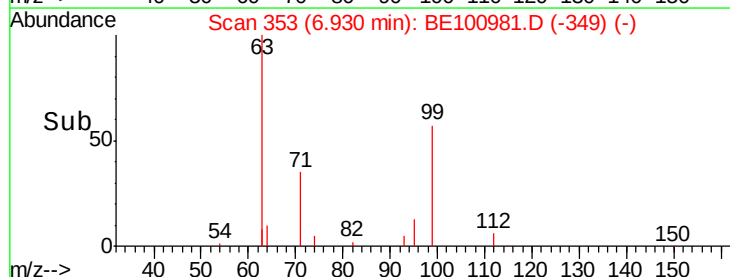
Abundance Ion 99.00 (98.70 to 99.70): BE1

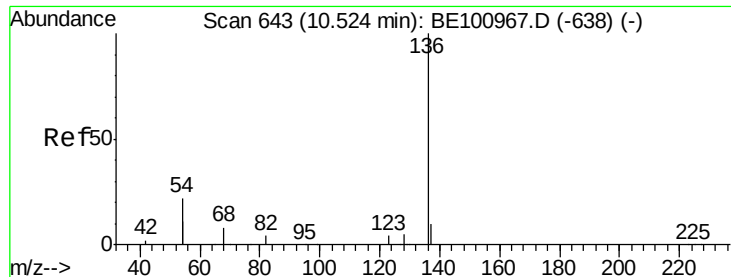
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12484

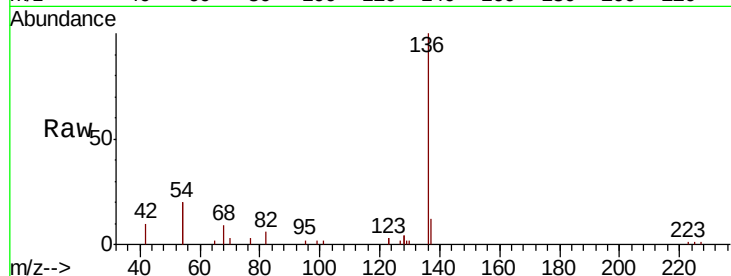
Ion Ratio Lower Upper

136 100

137 12.5 9.0 13.6

54 39.7 34.4 51.6

68 8.7 7.8 11.6

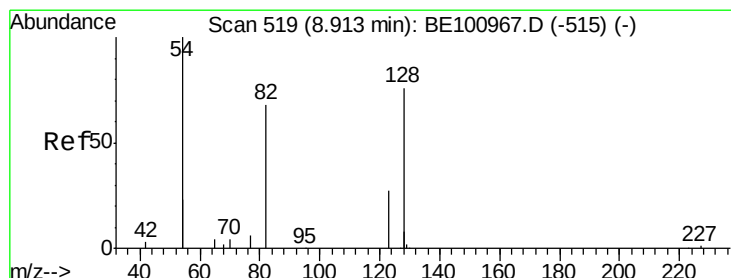
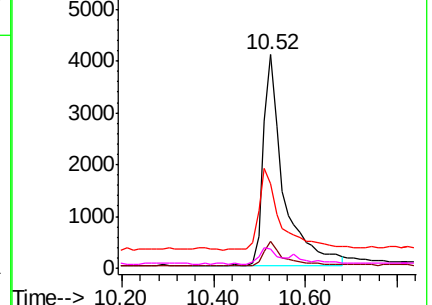
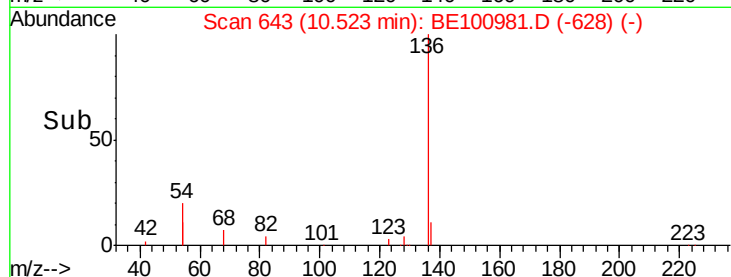


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.479 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

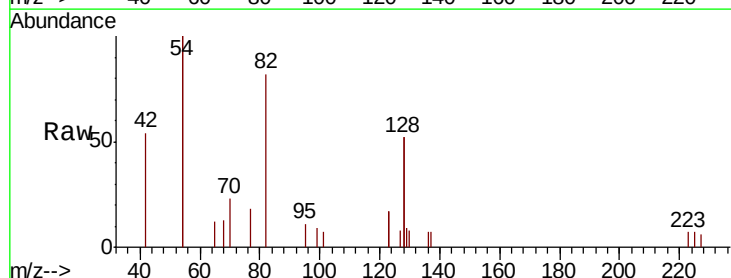
Tgt Ion: 82 Resp: 2517

Ion Ratio Lower Upper

82 100

128 127.0 140.2 210.2#

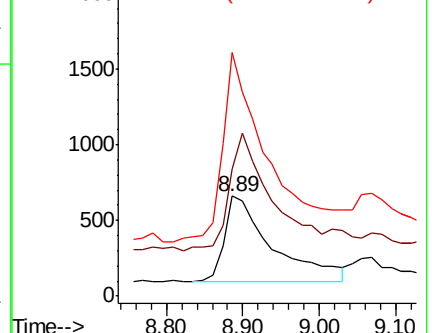
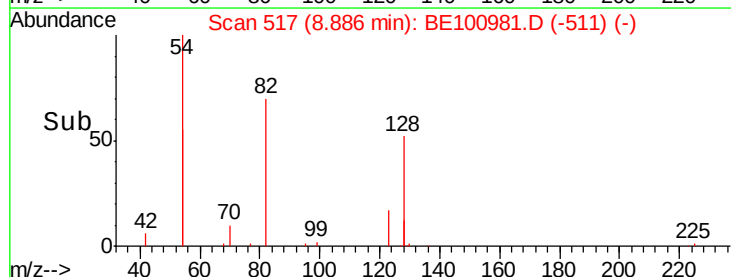
54 243.6 183.8 275.6

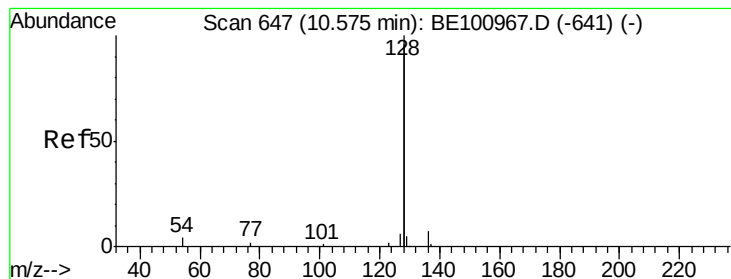


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.022 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

ClientSampleId :

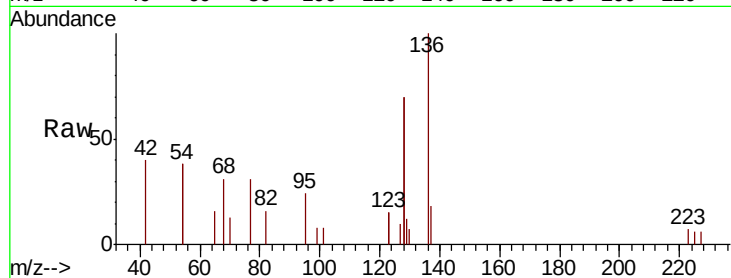
Tot Ion:128 Resp: 2879

Ion Ratio Lower Upper

128 100

129 8.6 2.6 3.8#

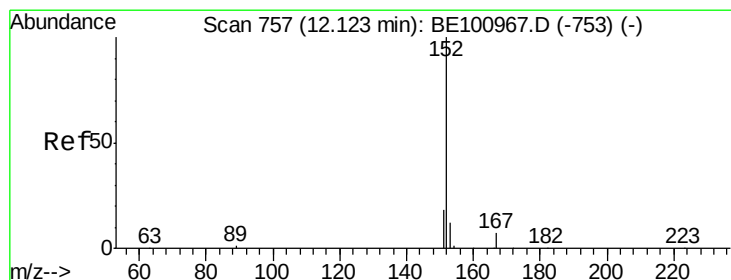
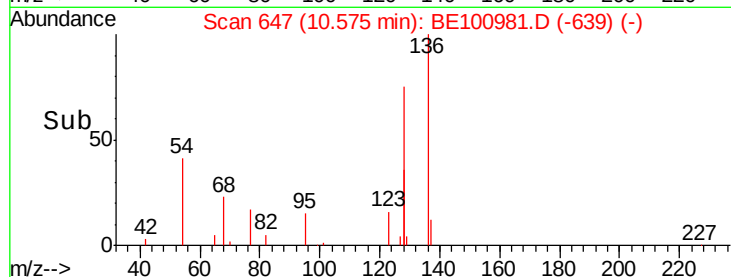
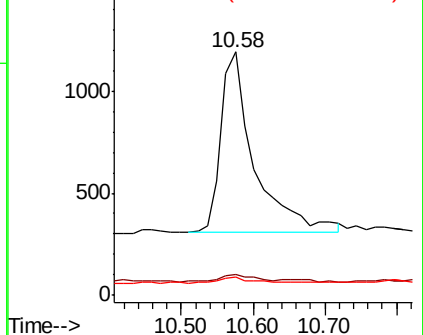
127 7.5 2.8 4.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100981.D

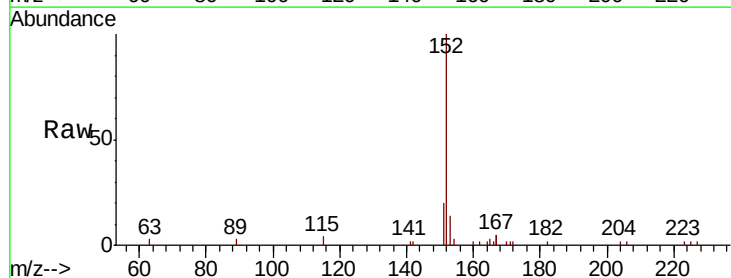
Acq: 26 Dec 2019 21:16

Tgt Ion:152 Resp: 7407

Ion Ratio Lower Upper

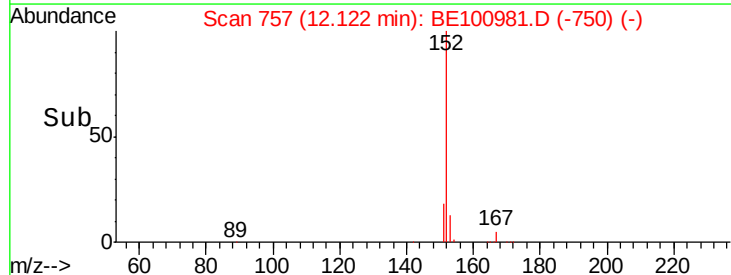
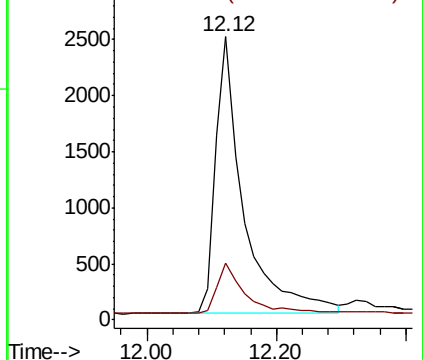
152 100

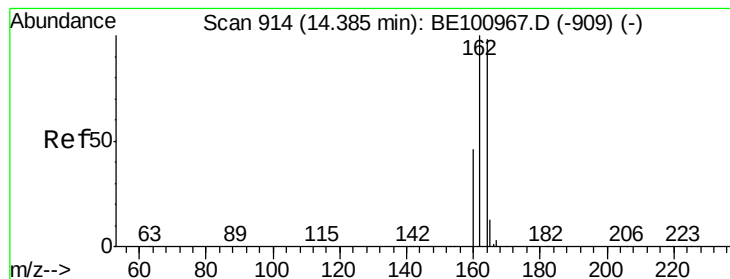
151 19.2 15.1 22.7



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. -0.02 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

ClientSampleId :

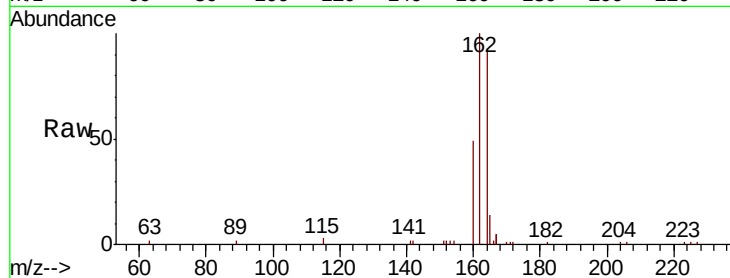
Tot Ion:164 Resp: 7530

Ion Ratio Lower Upper

164 100

162 107.0 81.6 122.4

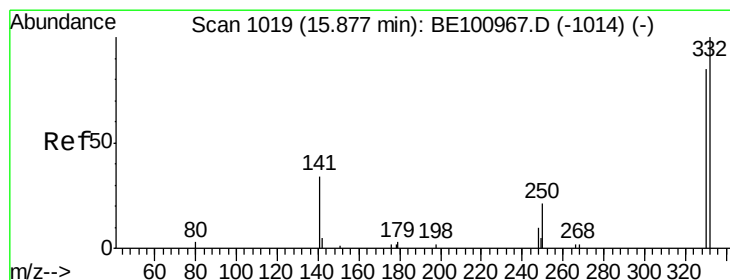
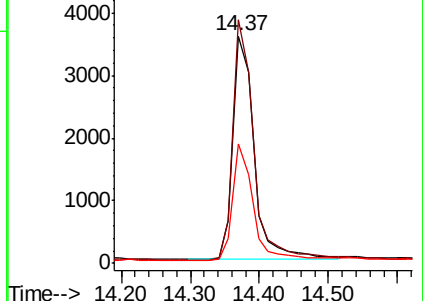
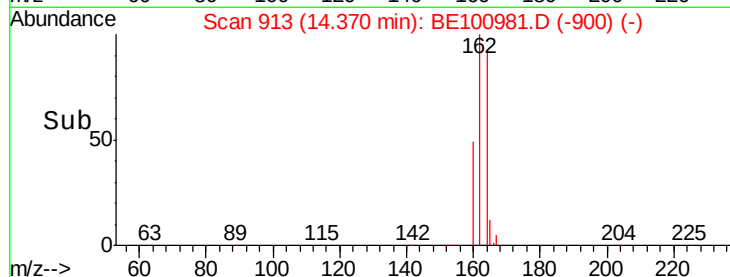
160 52.7 37.7 56.5



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: 0.485 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

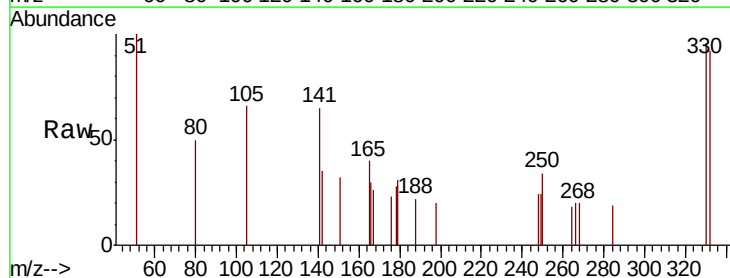
Tgt Ion:330 Resp: 687

Ion Ratio Lower Upper

330 100

332 97.7 72.4 108.6

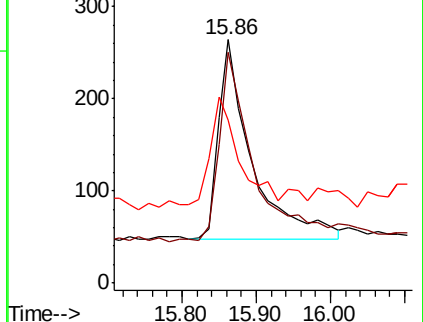
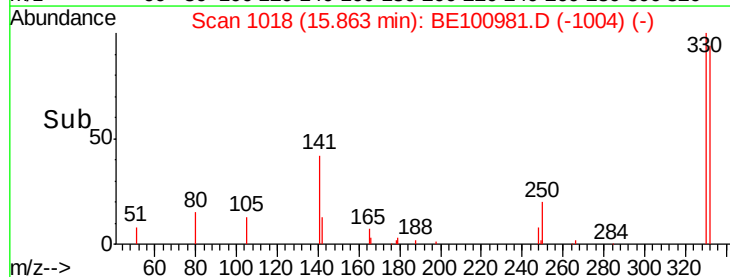
141 49.2 25.4 38.2#

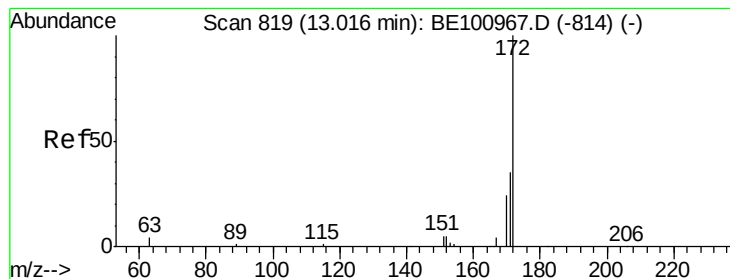


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

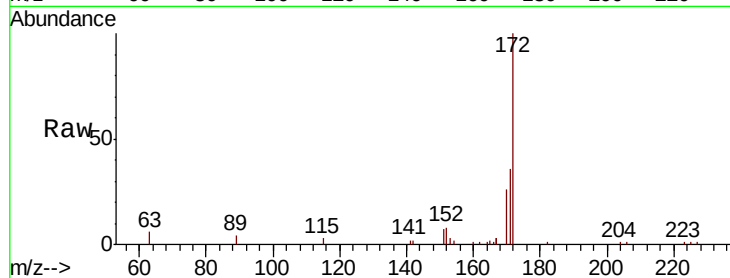




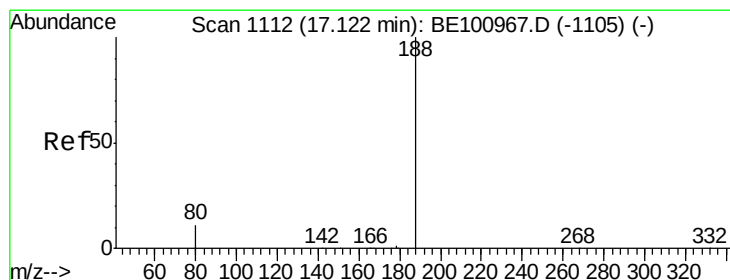
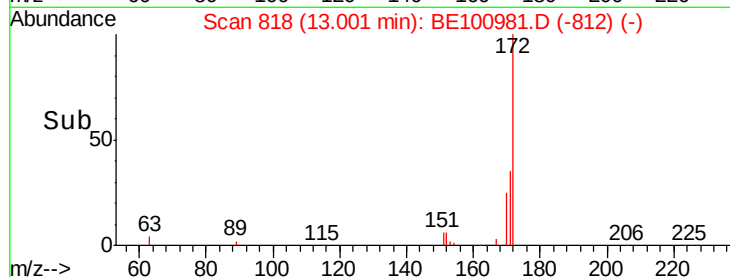
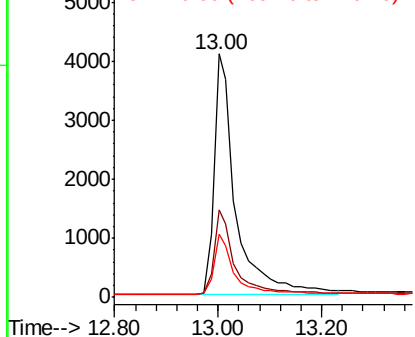
#15
2-Fluorobiphenyl
Concen: 0.449 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.02 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12007
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 26.1 20.0 30.0

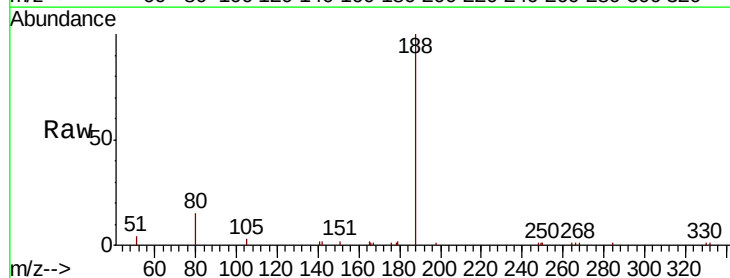


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

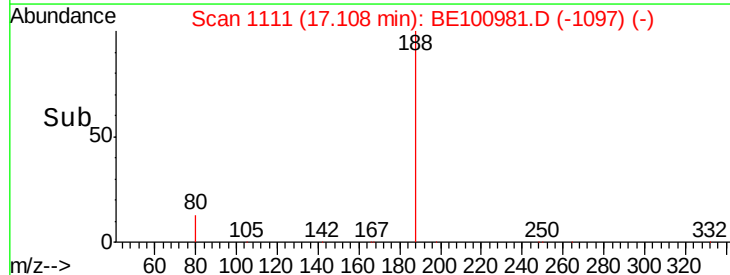
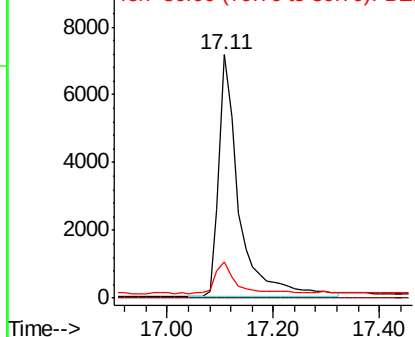


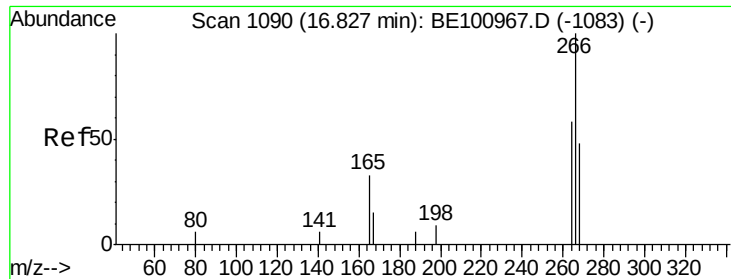
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100981.D
Acq: 26 Dec 2019 21:16

Tgt Ion:188 Resp: 18446
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 9.7 14.5#



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: 0.117 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BE100981.D

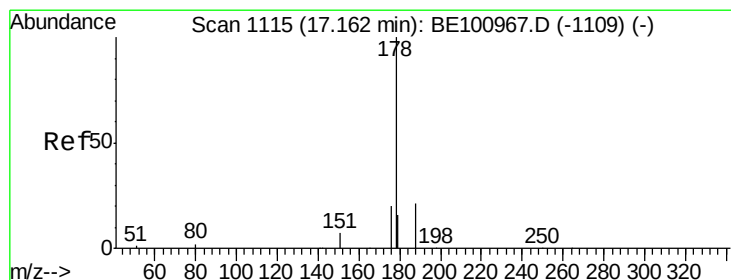
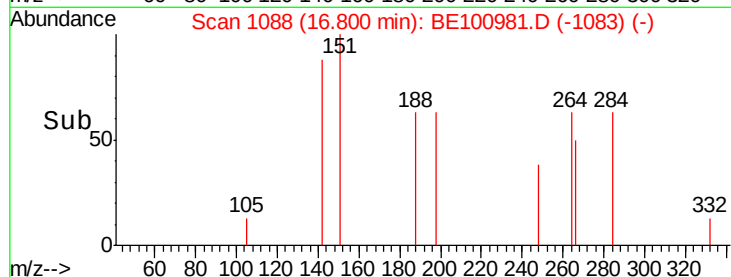
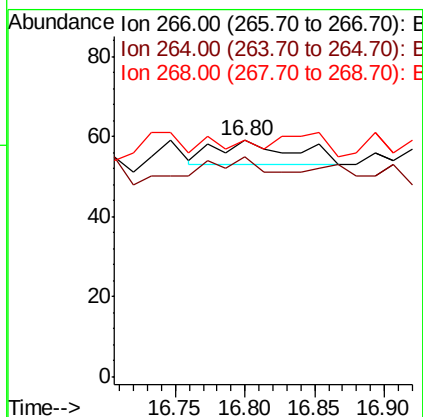
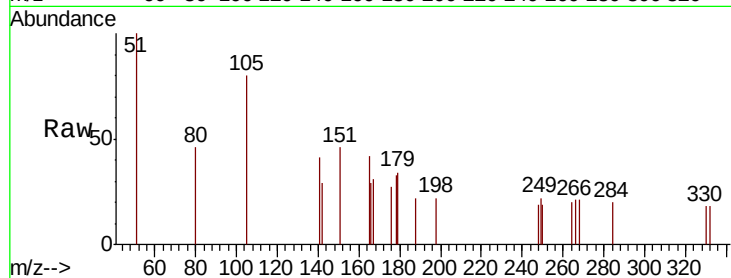
Acq: 26 Dec 2019 21:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:266	Resp:	23
Ion Ratio	Lower	Upper
266	100	
264	93.2	62.3 93.5
268	100.0	66.1 99.1#



#23

Phenanthrene

Concen: 0.043 ng

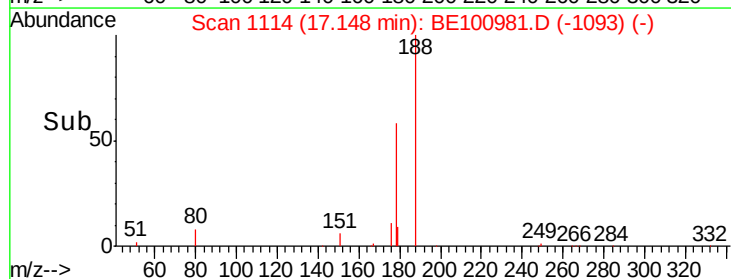
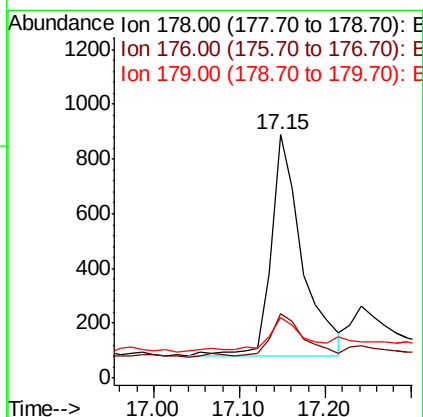
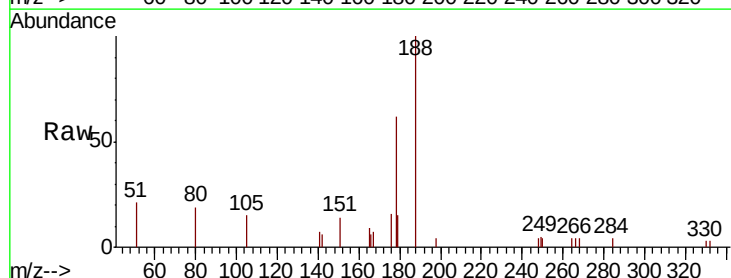
RT: 17.15 min Scan# 1114

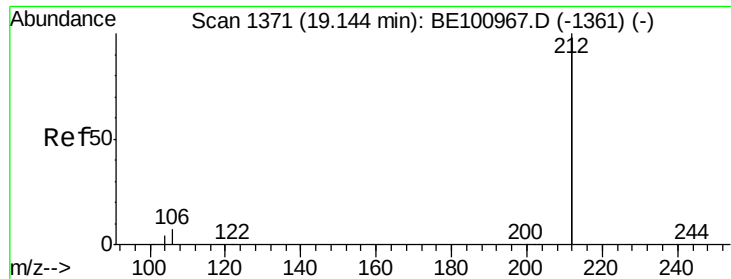
Delta R.T. -0.01 min

Lab File: BE100981.D

Acq: 26 Dec 2019 21:16

Tgt Ion:178	Resp:	2040
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.7 23.5
179	18.5	12.6 18.8

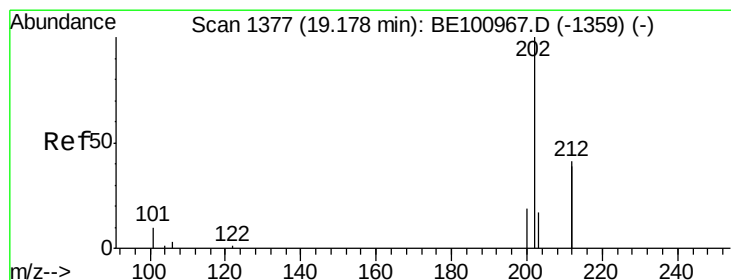
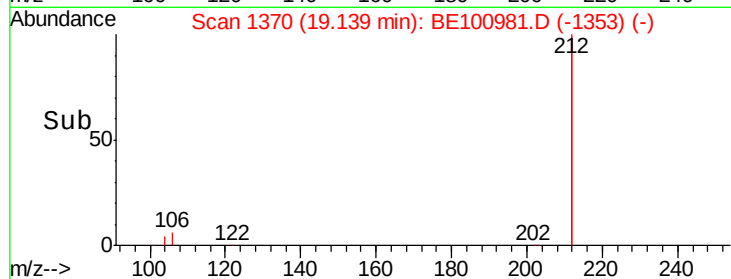
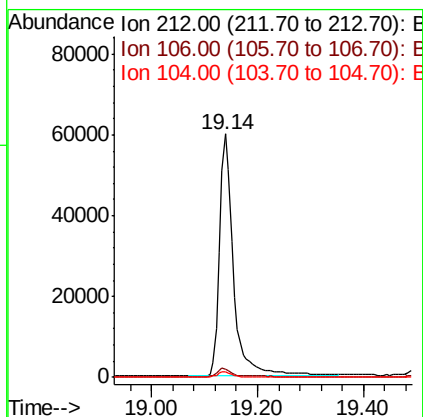
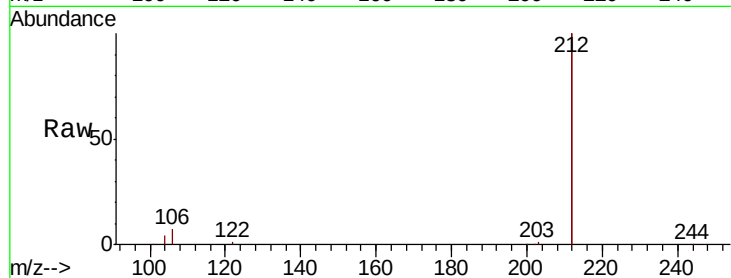




#25
 Fluoranthene-d10
 Concen: 0.494 ng
 RT: 19.14 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

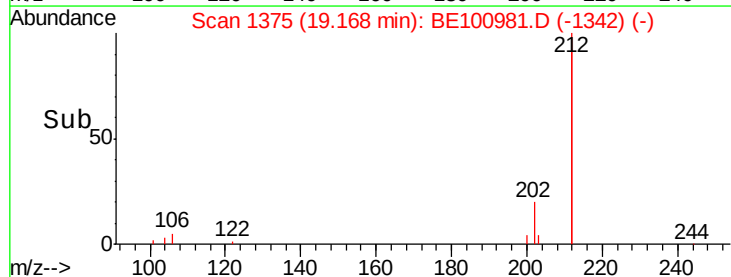
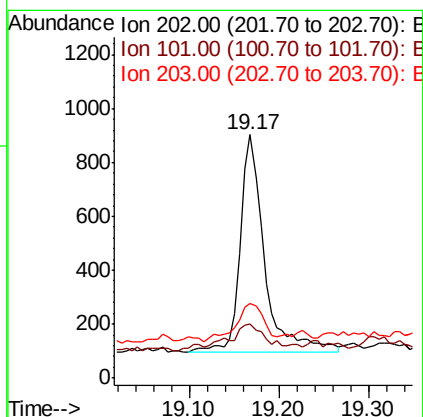
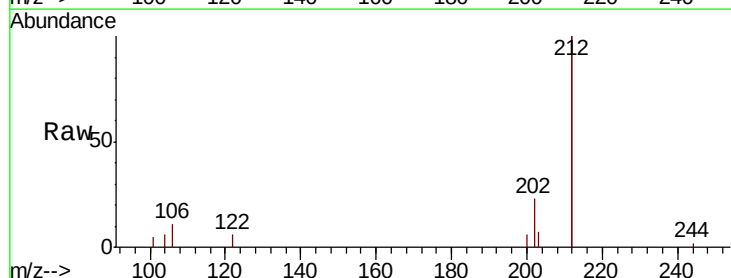
Instrument :
 BNA_E
 ClientSampleId :

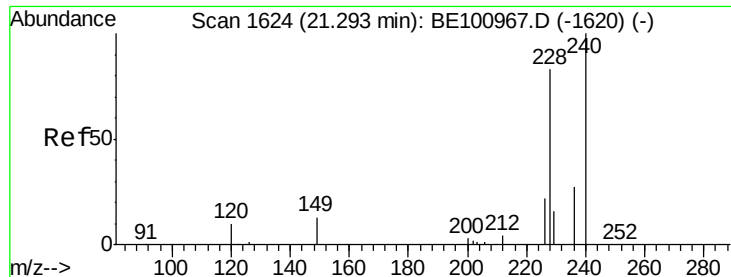
Tot Ion:212 Resp: 110533
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 1.4 2.0



#26
 Fluoranthene
 Concen: 0.023 ng
 RT: 19.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

Tgt Ion:202 Resp: 1486
 Ion Ratio Lower Upper
 202 100
 101 14.5 9.0 13.4#
 203 19.7 13.2 19.8

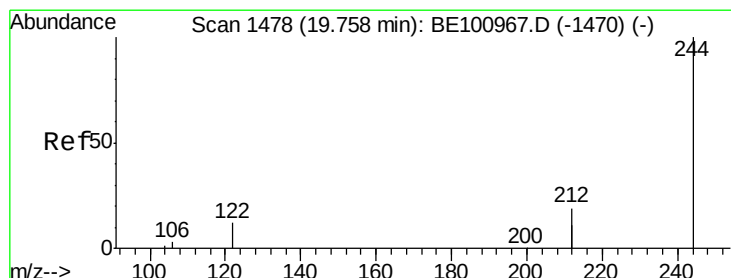
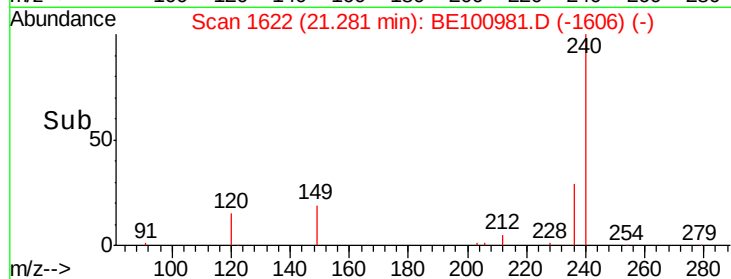
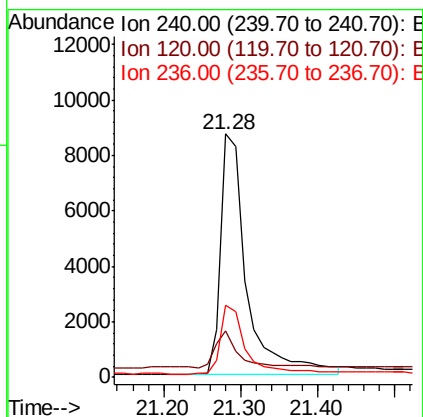
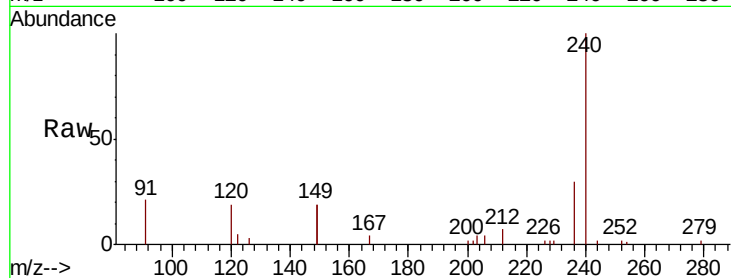




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

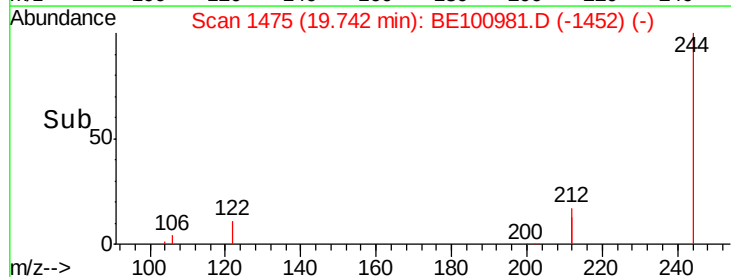
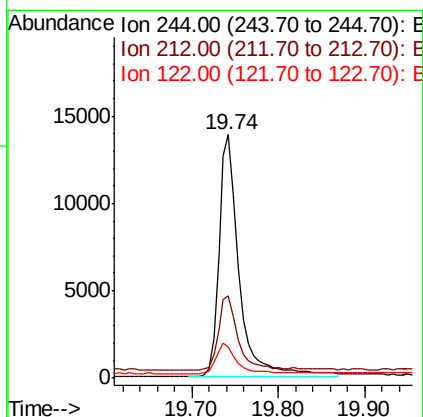
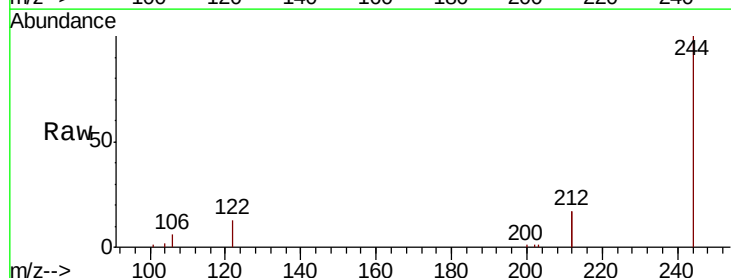
Instrument :
 BNA_E
 ClientSampleId :

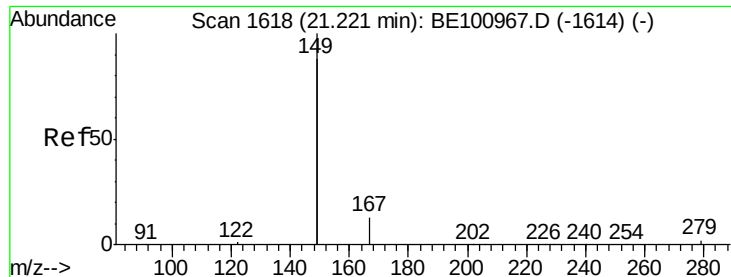
Tot Ion:240 Resp: 20233
 Ion Ratio Lower Upper
 240 100
 120 18.9 10.2 15.4#
 236 29.7 22.6 34.0



#29
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.74 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

Tgt Ion:244 Resp: 22669
 Ion Ratio Lower Upper
 244 100
 212 34.0 29.3 43.9
 122 13.0 10.2 15.4

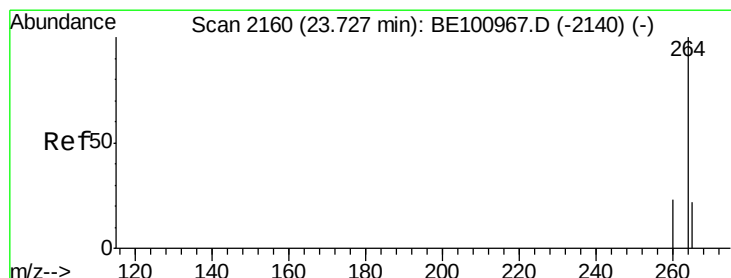
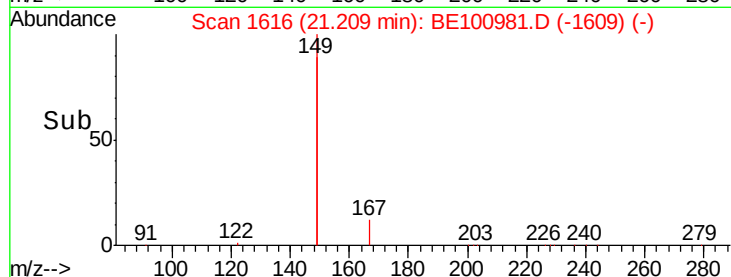
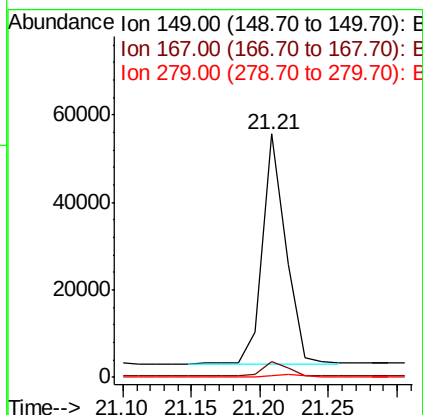
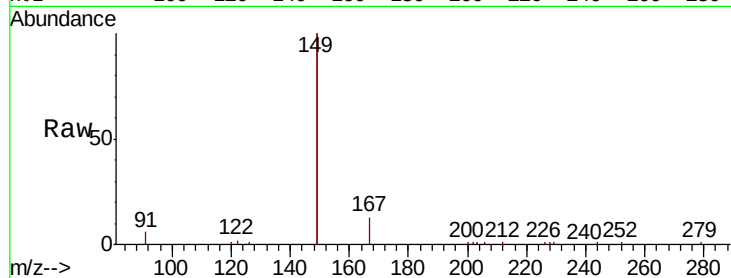




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.697 ng
 RT: 21.21 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 62024
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.1 7.7
 279 0.9 0.6 1.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.71 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BE100981.D
 Acq: 26 Dec 2019 21:16

Tgt Ion:264 Resp: 23731
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 28.6 26.6 40.0

