

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100982.D
 Acq On : 26 Dec 2019 21:55
 Operator : JU
 Sample : K6392-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:09:21 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	2976	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	14880	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	9187	0.40	ng	-0.02
19) Phenanthrene-d10	17.11	188	22835	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	22616	0.40	ng	-0.01
34) Perylene-d12	23.72	264	26092	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	1555	0.31	ng	0.00
5) Phenol-d6	6.93	99	584	0.26	ng	-0.05
8) Nitrobenzene-d5	8.89	82	3524	0.53	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	9261	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1109	0.57	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	15247	0.47	ng	-0.02
25) Fluoranthene-d10	19.14	212	127217	0.46	ng	0.00
29) Terphenyl-d14	19.74	244	26329	0.51	ng	-0.02

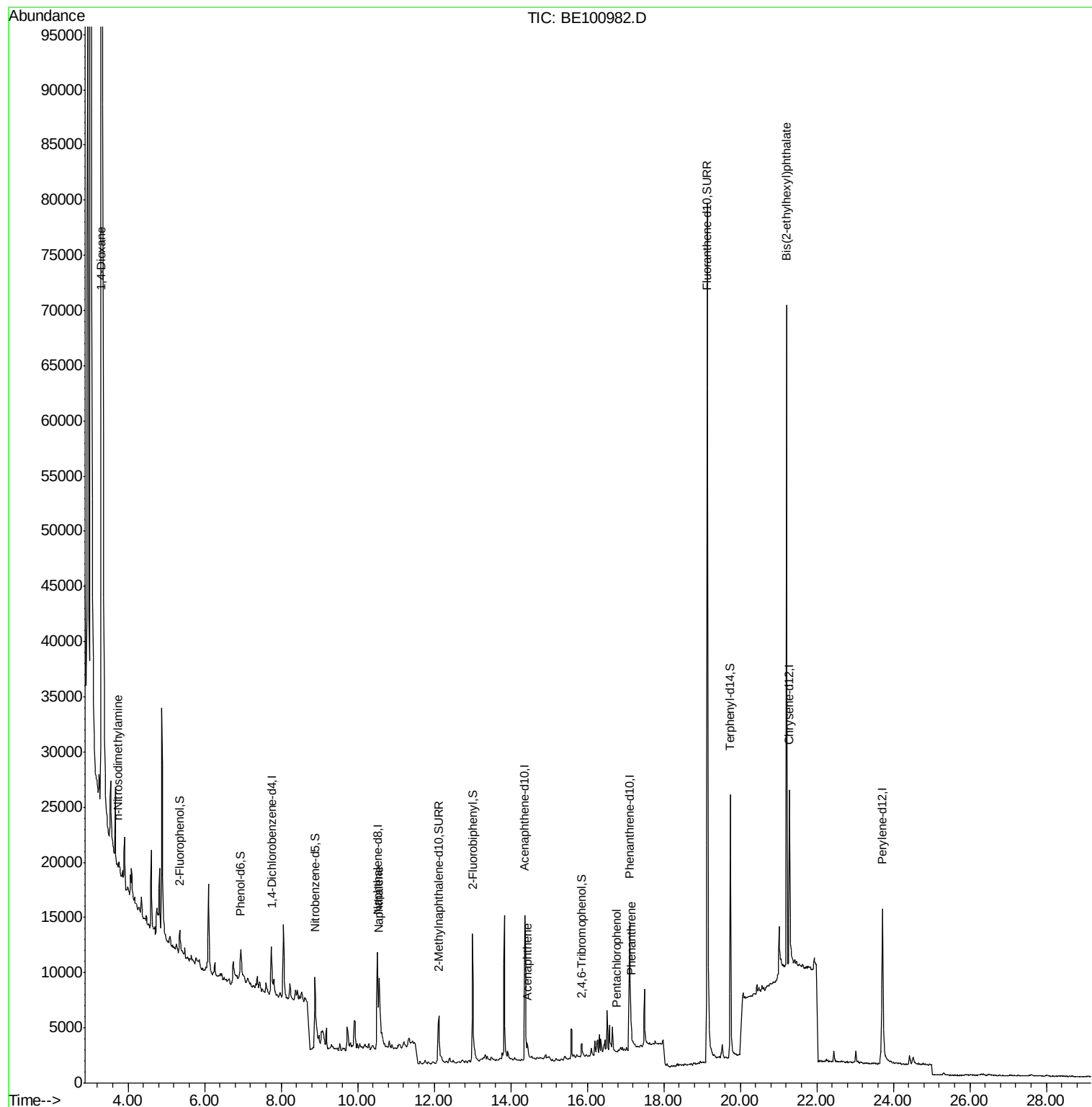
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1141734	203.131	ng	# 79
3) n-Nitrosodimethylamine	3.73	42	55	0.336	ng	# 1
9) Naphthalene	10.56	128	11669	0.074	ng	# 94
17) Acenaphthene	14.44	154	656	0.026	ng	# 89
22) Pentachlorophenol	16.76	266	26	0.115	ng	# 86
23) Phenanthrene	17.15	178	2042	0.035	ng	# 95
32) Bis(2-ethylhexyl)phthalate	21.21	149	65769	0.663	ng	100

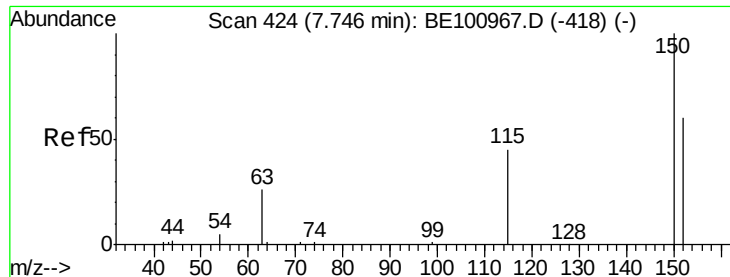
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
Data File : BE100982.D
Acq On : 26 Dec 2019 21:55
Operator : JU
Sample : K6392-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 27 01:09:21 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



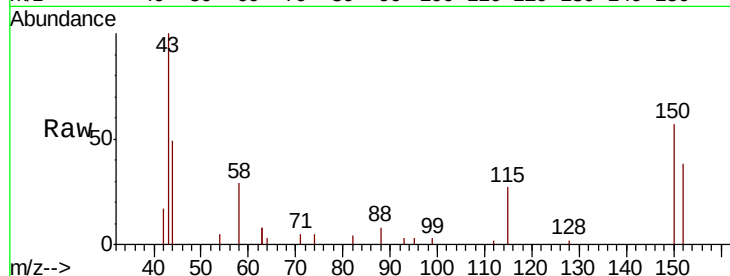


#1

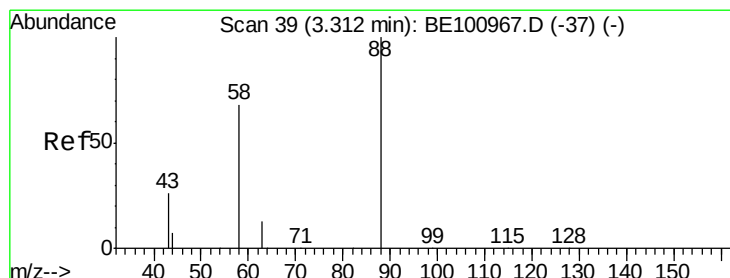
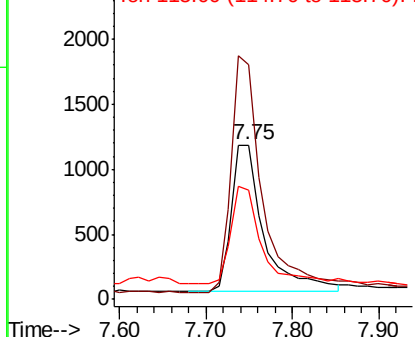
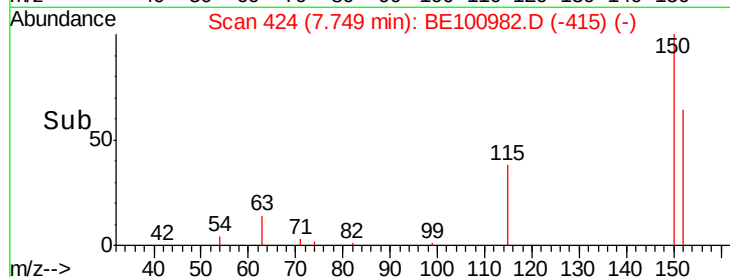
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2976
Ion Ratio Lower Upper
152 100
150 152.1 132.6 199.0
115 70.5 64.1 96.1



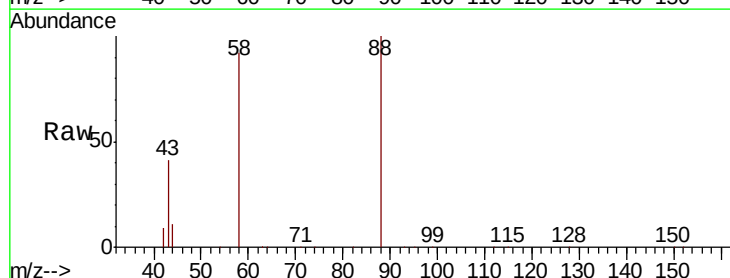
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



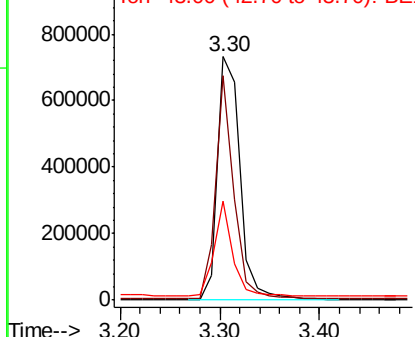
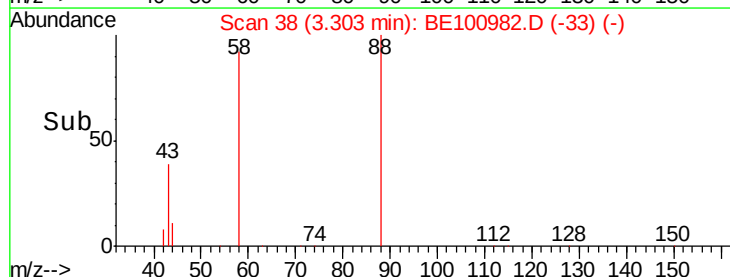
#2

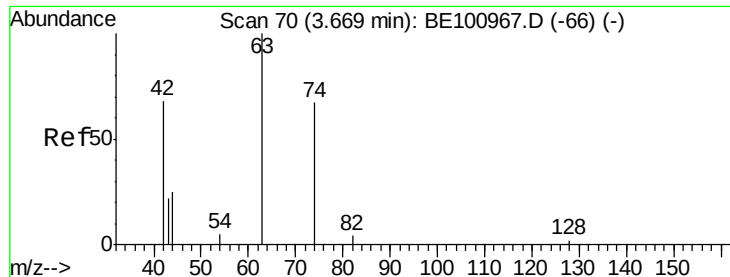
1,4-Dioxane
Concen: 203.131 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.01 min
Lab File: BE100982.D
Acq: 26 Dec 2019 21:55

Tgt Ion: 88 Resp: 1141734
Ion Ratio Lower Upper
88 100
58 74.3 44.2 66.4#
43 31.4 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





#3

n-Nitrosodimethylamine

Concen: 0.336 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.06 min

Lab File: BE100982.D

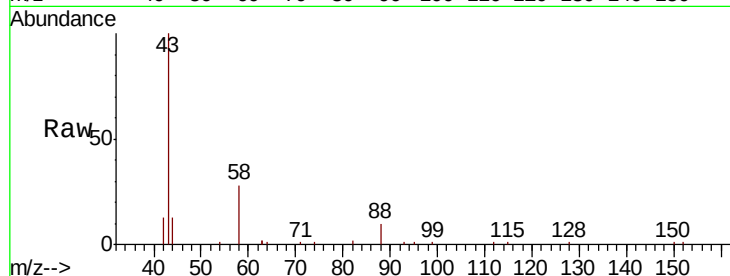
Acq: 26 Dec 2019 21:55

Instrument :

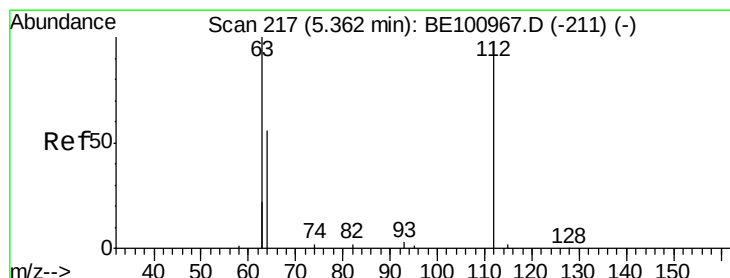
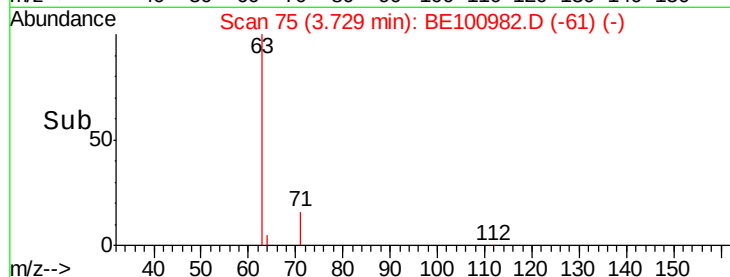
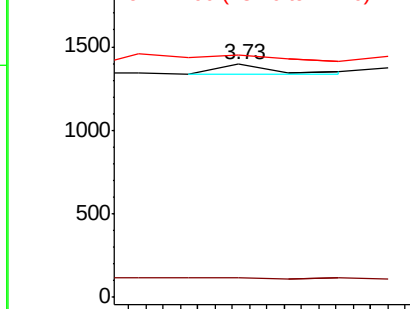
BNA_E

ClientSampleId :

Tot Ion:	42	Resp:	55
Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.6	174.8#
44	0.0	0.0	0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.309 ng

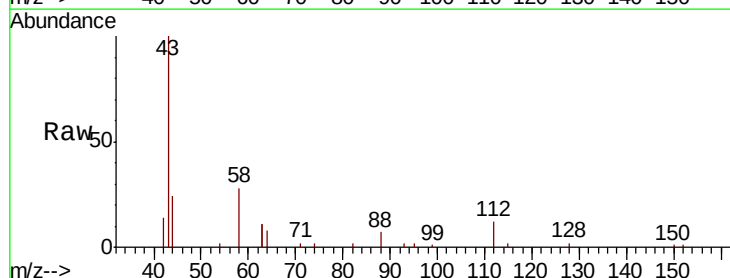
RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

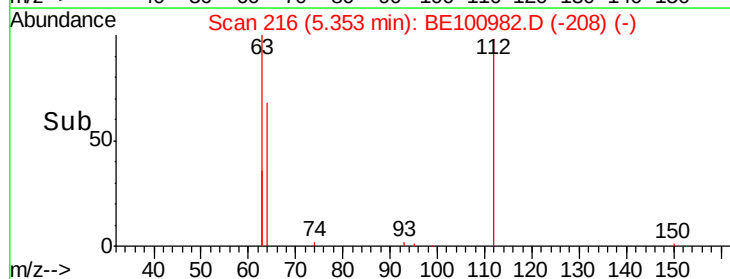
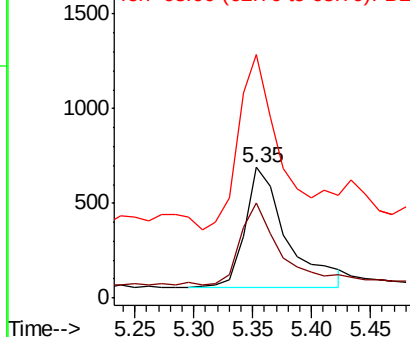
Lab File: BE100982.D

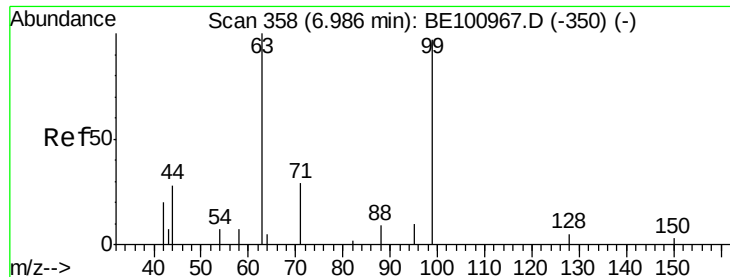
Acq: 26 Dec 2019 21:55

Tgt Ion:	112	Resp:	1555
Ion	Ratio	Lower	Upper
112	100		
64	62.6	59.0	88.6
63	140.7	121.4	182.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.258 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.05 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

ClientSampled :

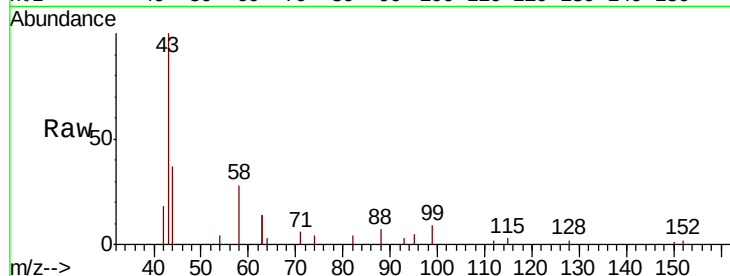
Tot Ion: 99 Resp: 584

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

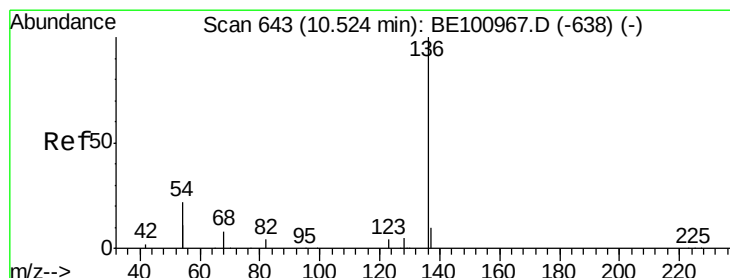
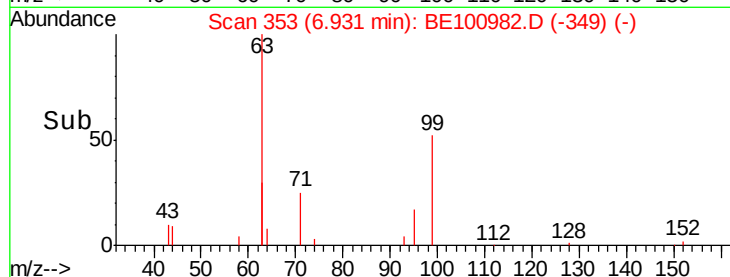
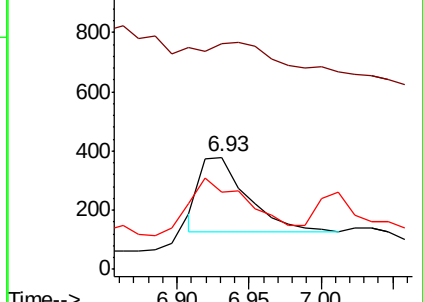
71 56.8 0.0 0.0#



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: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion: 136 Resp: 14880

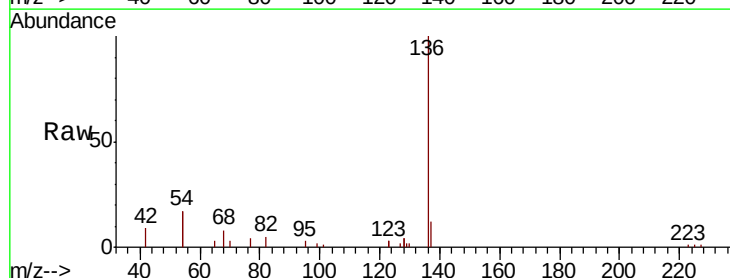
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.6

54 33.0 34.4 51.6#

68 8.2 7.8 11.6

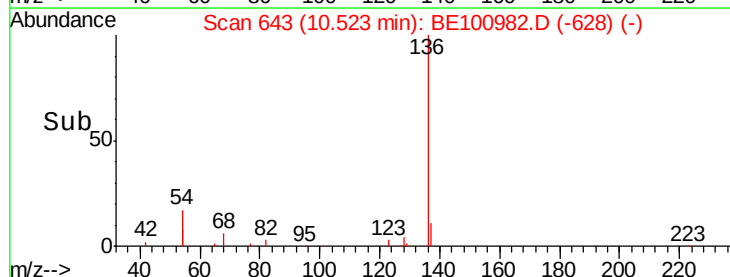
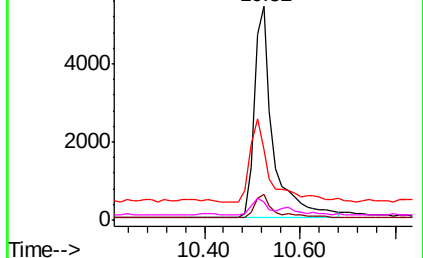


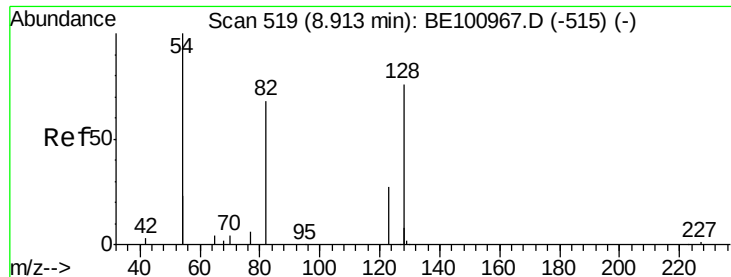
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.526 ng

RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

ClientSampleId :

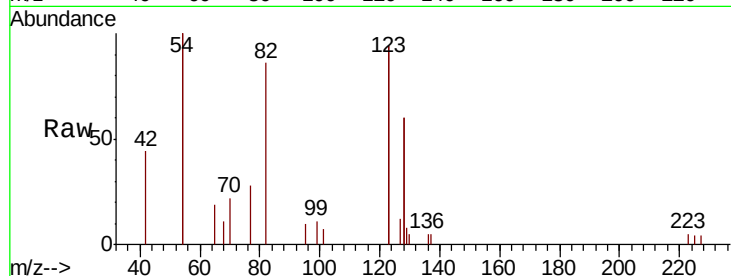
Tot Ion: 82 Resp: 3524

Ion Ratio Lower Upper

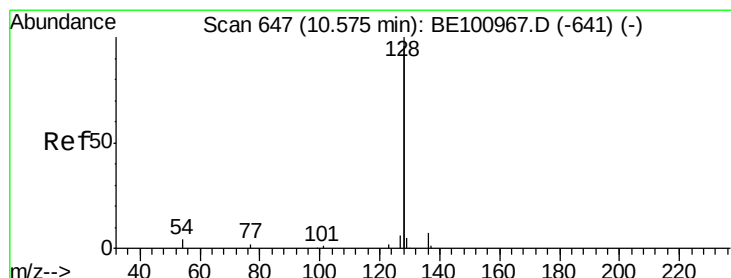
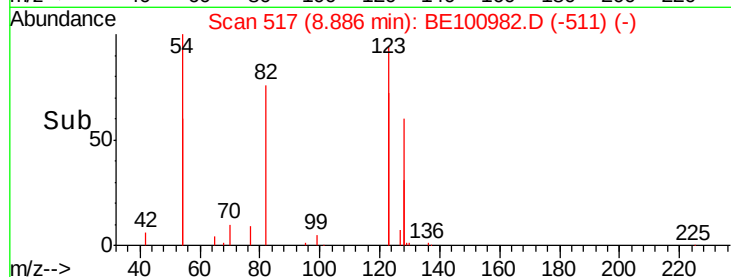
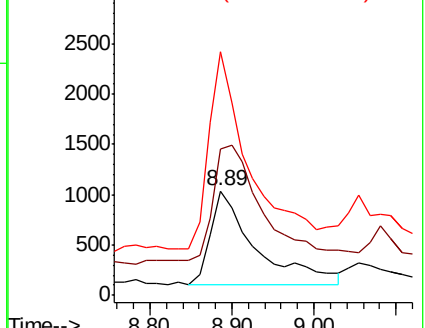
82 100

128 140.3 140.2 210.2

54 233.1 183.8 275.6



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: 0.074 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

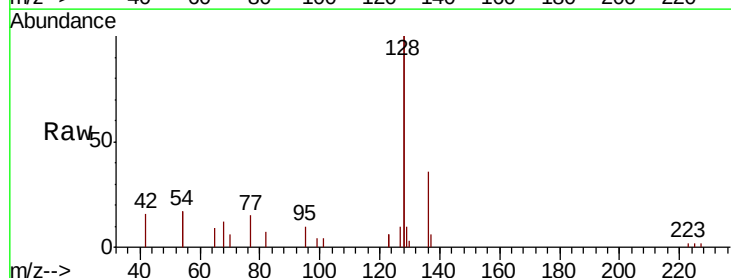
Tgt Ion: 128 Resp: 11669

Ion Ratio Lower Upper

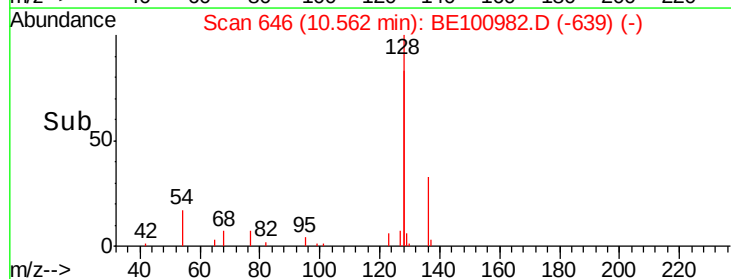
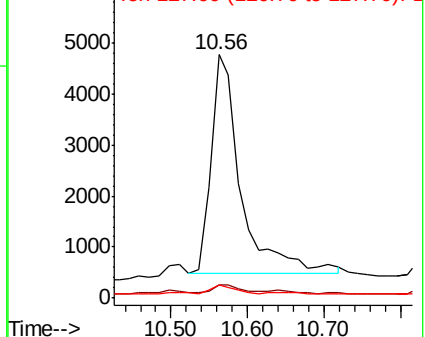
128 100

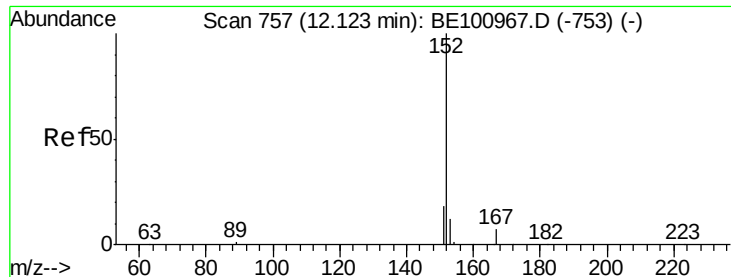
129 5.2 2.6 3.8#

127 5.2 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

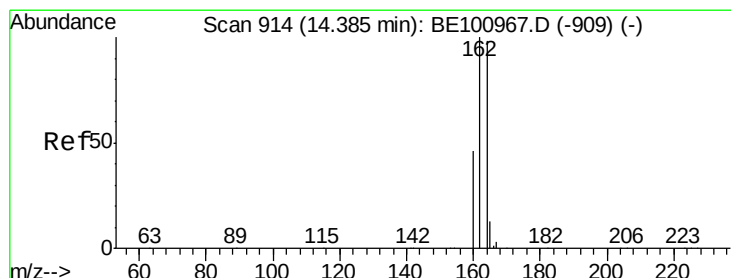
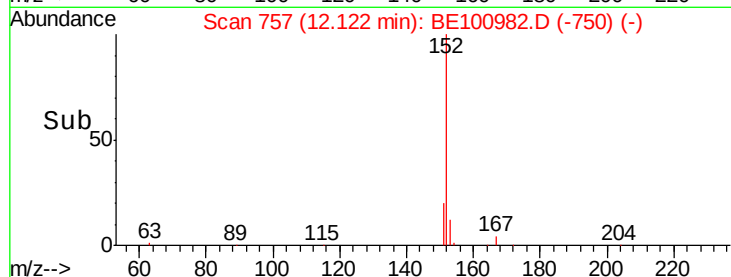
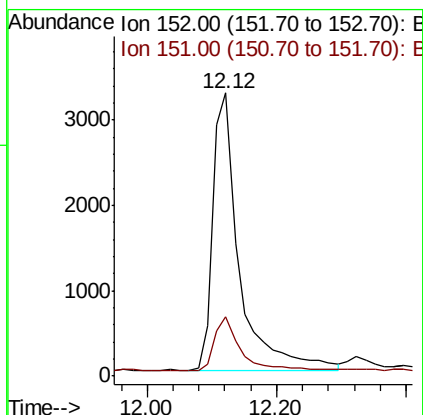
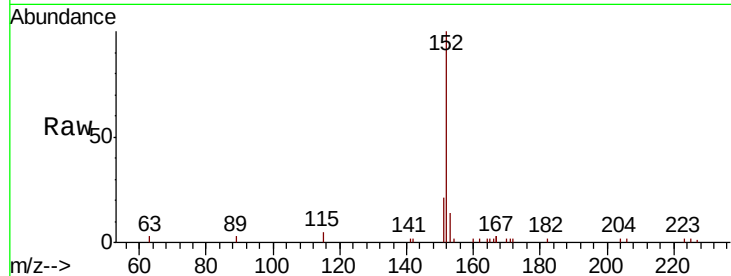




#11
 2-Methylnaphthalene-d10
 Concen: 0.424 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

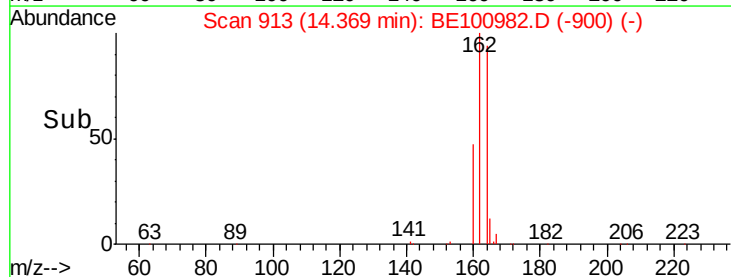
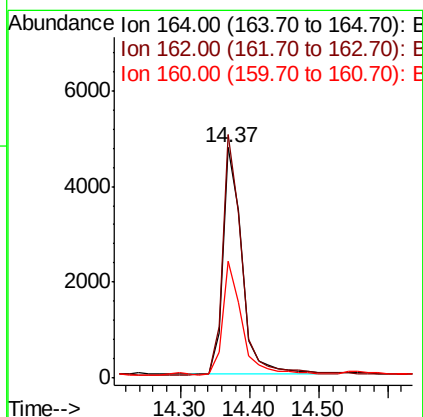
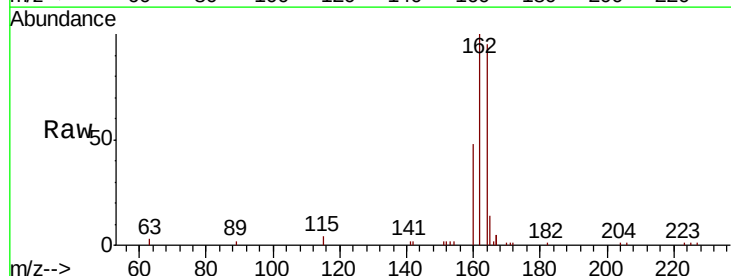
Instrument :
 BNA_E
 ClientSampleId :

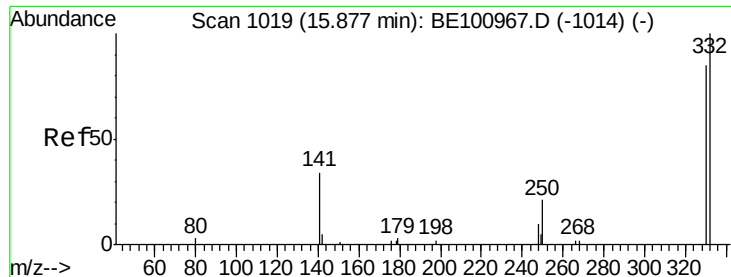
Tot Ion:152 Resp: 9261
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

Tgt Ion:164 Resp: 9187
 Ion Ratio Lower Upper
 164 100
 162 105.5 81.6 122.4
 160 50.8 37.7 56.5

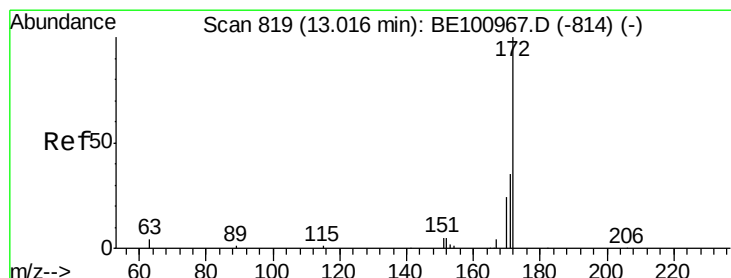
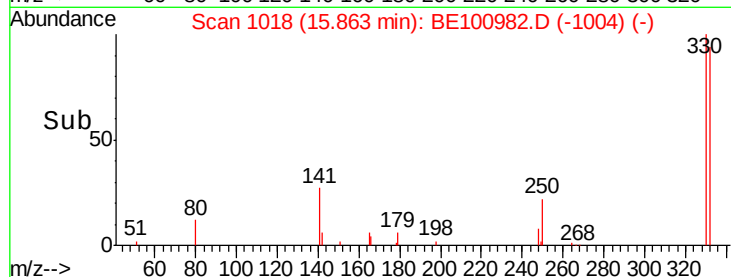
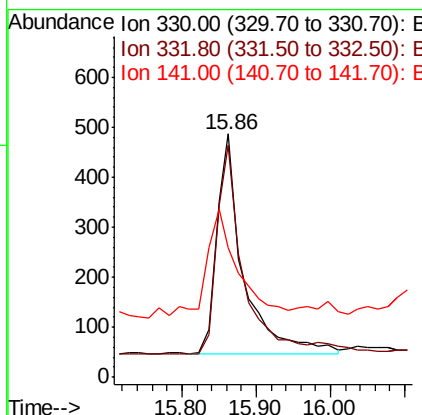
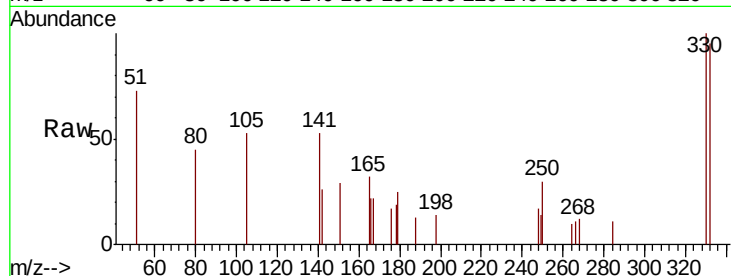




#14
 2,4,6-Tribromophenol
 Concen: 0.567 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

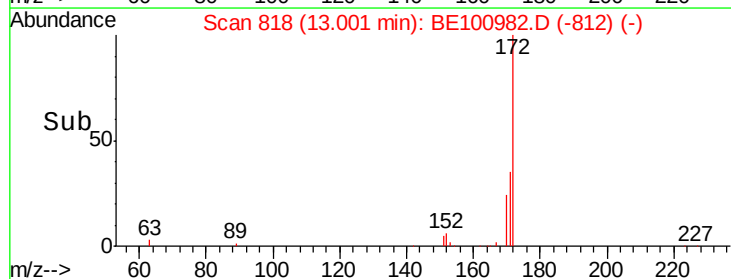
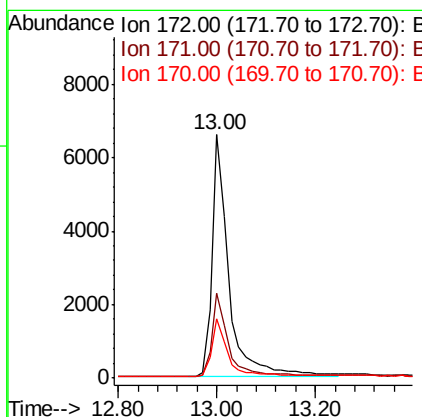
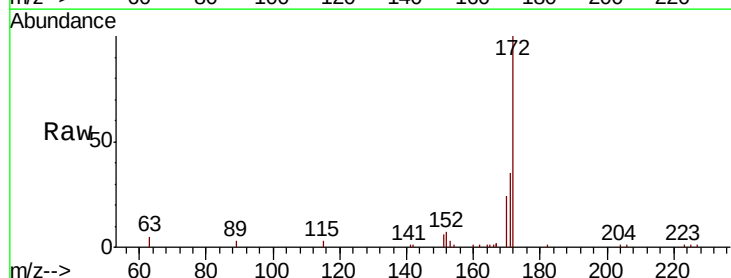
Instrument :
 BNA_E
 ClientSampleId :

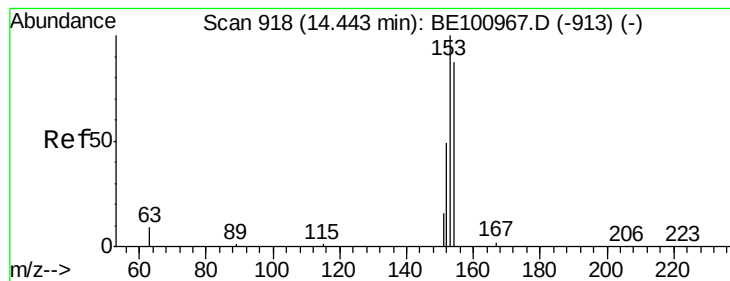
Tot Ion:330 Resp: 1109
 Ion Ratio Lower Upper
 330 100
 332 92.7 72.4 108.6
 141 60.1 25.4 38.2#



#15
 2-Fluorobiphenyl
 Concen: 0.467 ng
 RT: 13.00 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BE100982.D
 Acq: 26 Dec 2019 21:55

Tgt Ion:172 Resp: 15247
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.6
 170 24.4 20.0 30.0





#17

Acenaphthene

Concen: 0.026 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

ClientSampleId :

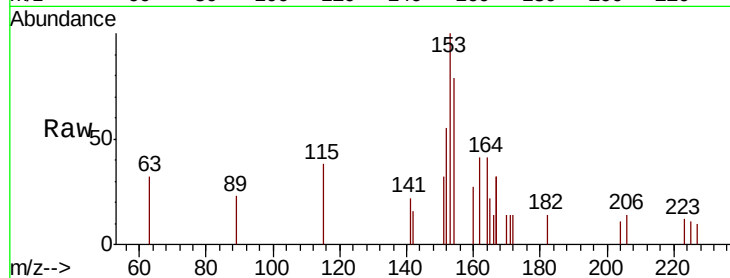
Tot Ion:154 Resp: 656

Ion Ratio Lower Upper

154 100

153 125.0 91.7 137.5

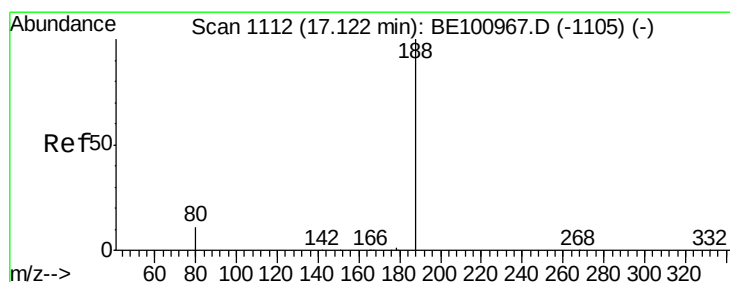
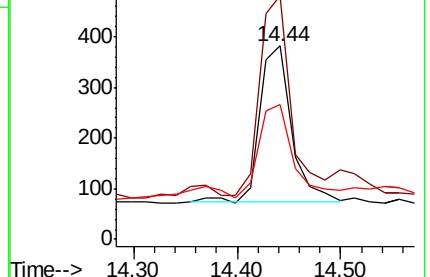
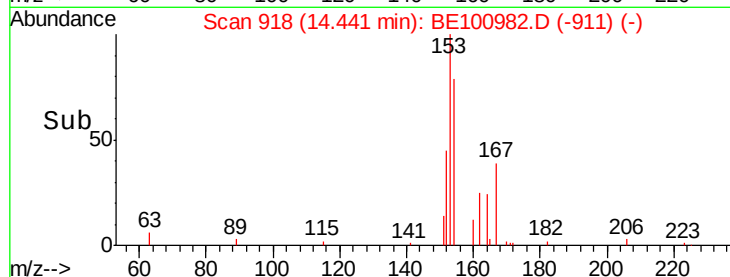
152 66.2 44.5 66.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

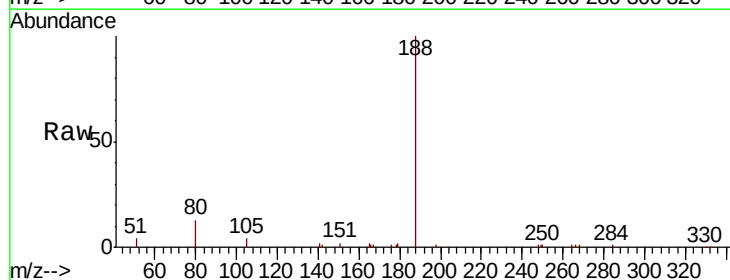
Tgt Ion:188 Resp: 22835

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

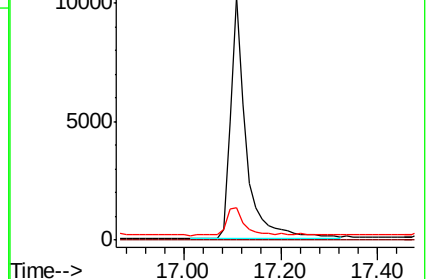
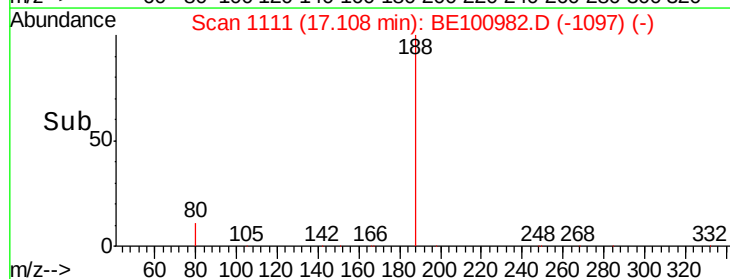
80 13.2 9.7 14.5

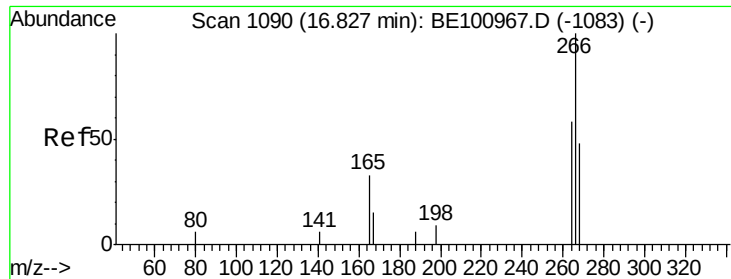


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.115 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.07 min

Lab File: BE100982.D

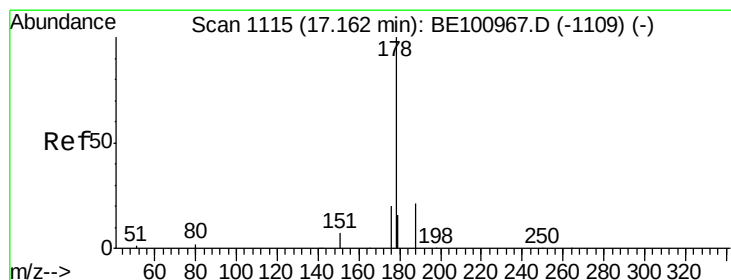
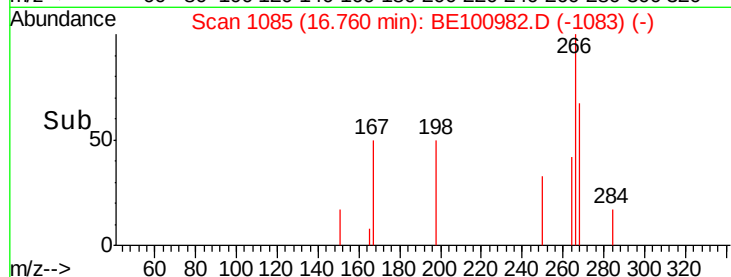
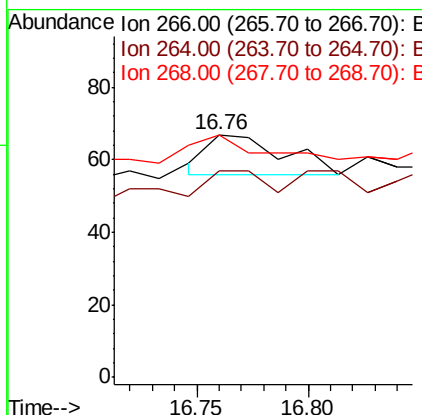
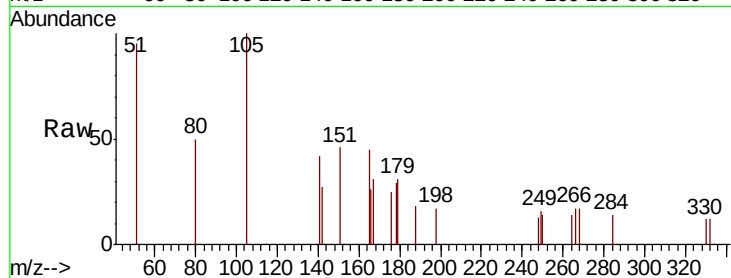
Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

ClientSampled :

Tot Ion:266	Resp:	26
Ion Ratio	Lower	Upper
266	100	
264	85.1	62.3 93.5
268	100.0	66.1 99.1#



#23

Phenanthrene

Concen: 0.035 ng

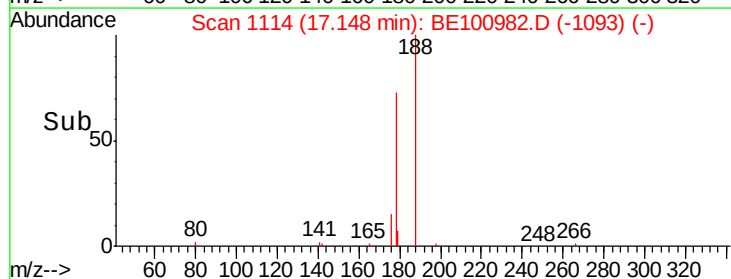
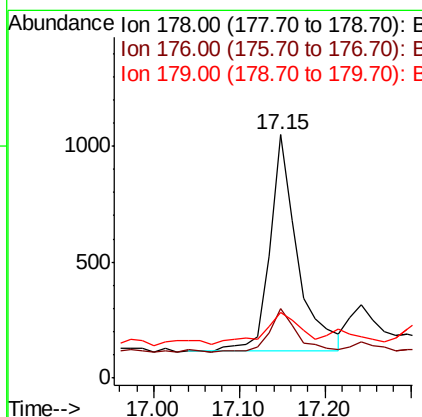
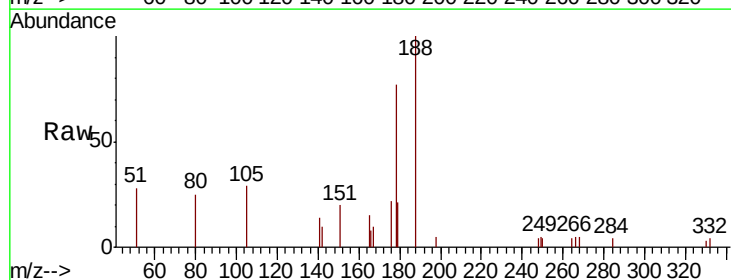
RT: 17.15 min Scan# 1114

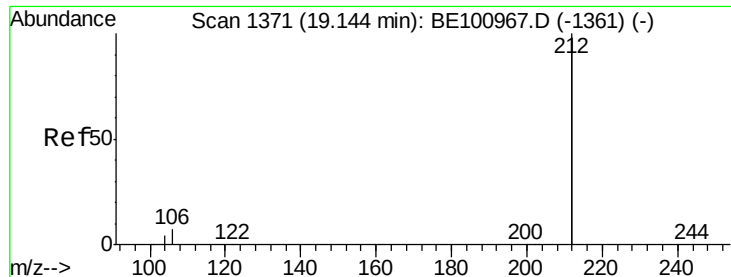
Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion:178	Resp:	2042
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.7 23.5
179	19.4	12.6 18.8#





#25

Fluoranthene-d10

Concen: 0.459 ng

RT: 19.14 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

ClientSampleId :

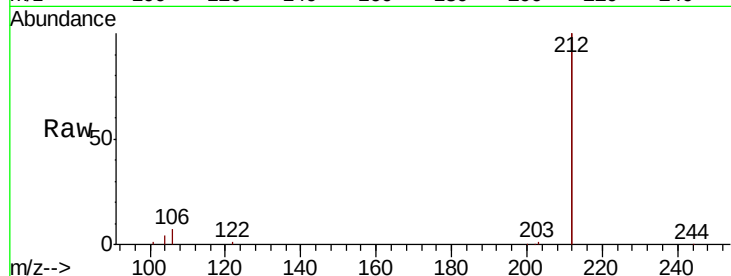
Tot Ion:212 Resp: 127217

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

104 2.0 1.4 2.0

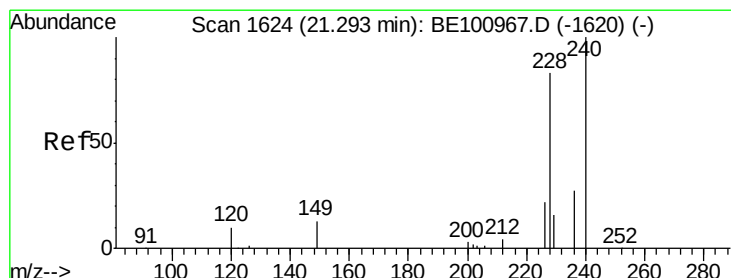
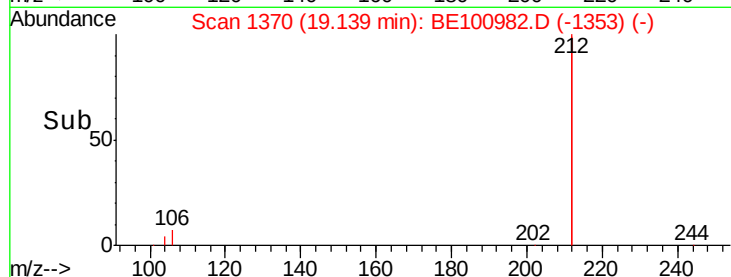
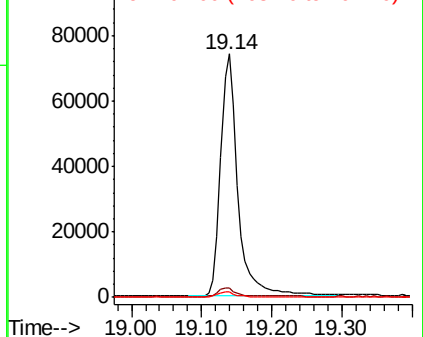


Abundance

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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

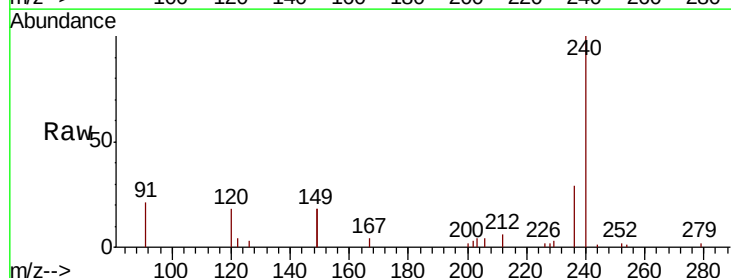
Tgt Ion:240 Resp: 22616

Ion Ratio Lower Upper

240 100

120 18.1 10.2 15.4#

236 28.8 22.6 34.0

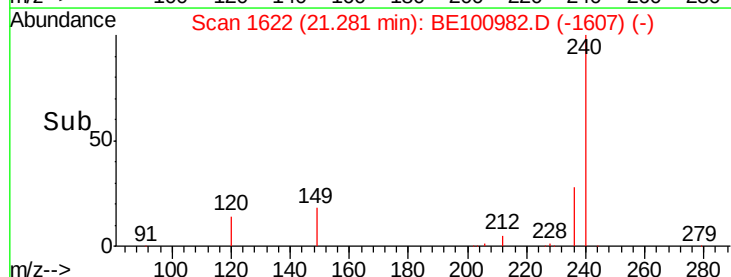
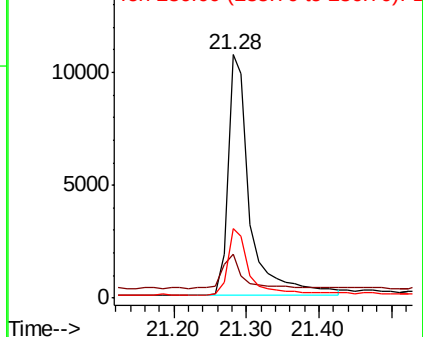


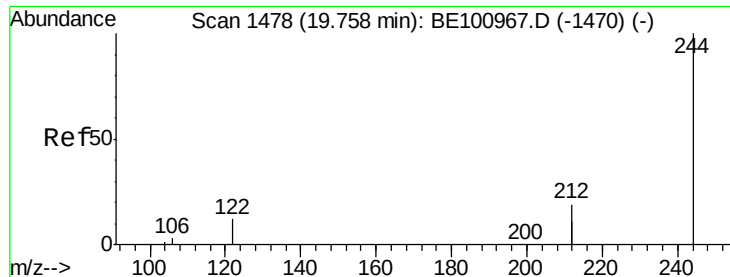
Abundance

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: 0.506 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

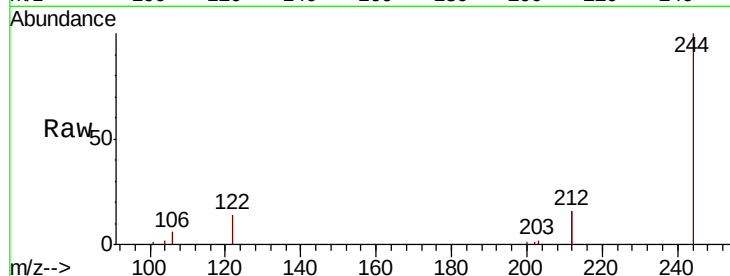
Instrument :

BNA_E

ClientSampleId :

Tot Ion:244 Resp: 26329

Ion	Ratio	Lower	Upper
244	100		
212	32.4	29.3	43.9
122	14.5	10.2	15.4

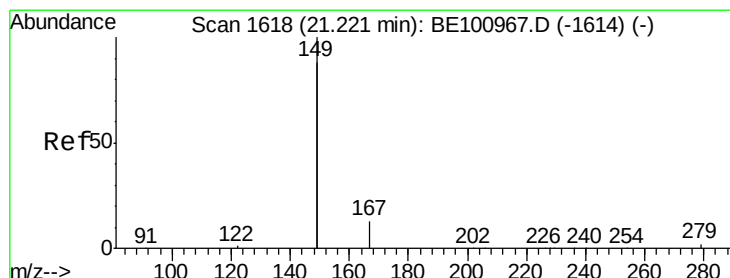
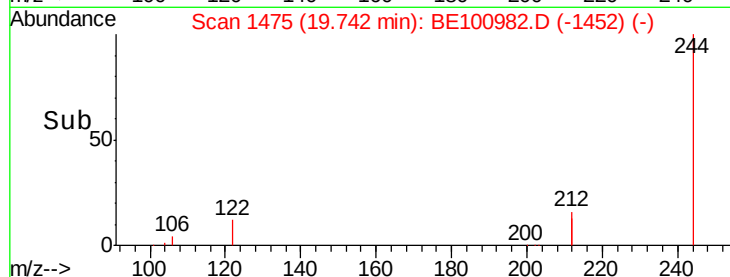
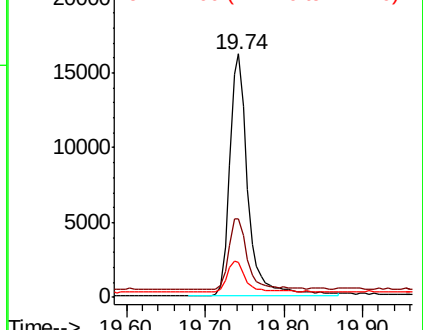


Abundance

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: 0.663 ng

RT: 21.21 min Scan# 1616

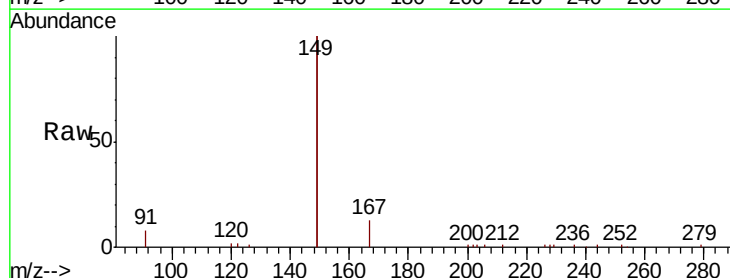
Delta R.T. -0.01 min

Lab File: BE100982.D

Acq: 26 Dec 2019 21:55

Tgt Ion:149 Resp: 65769

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.1	7.7
279	0.9	0.6	1.0

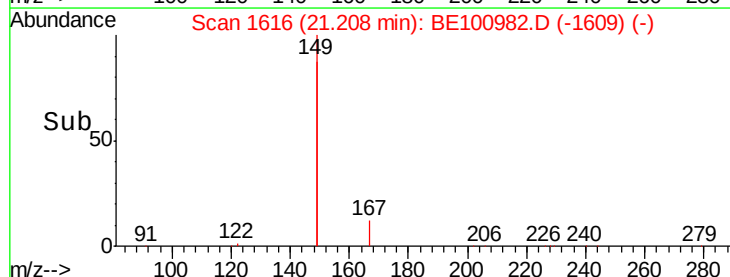
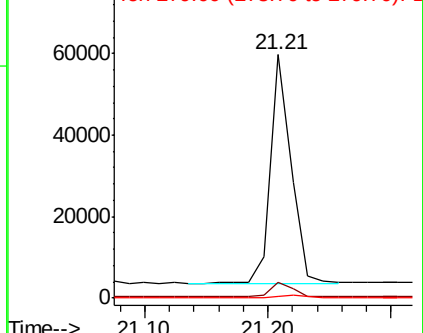


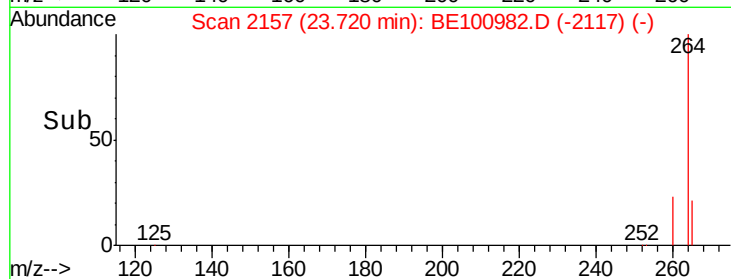
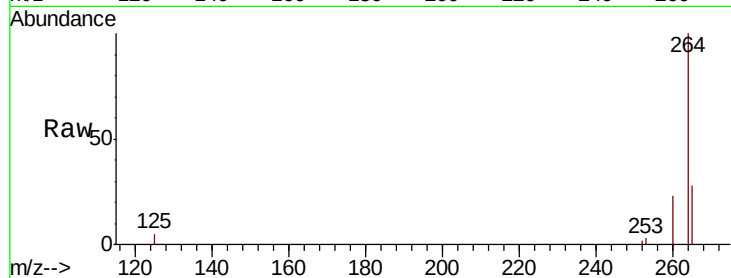
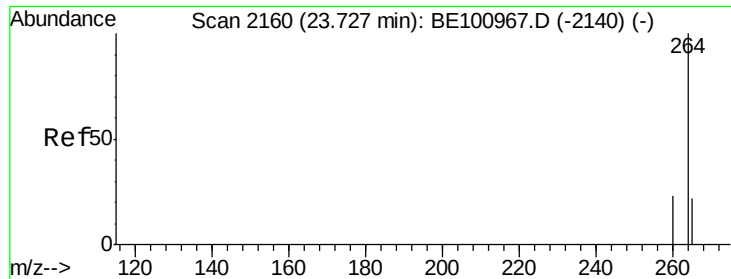
Abundance

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: BE100982.D

Acq: 26 Dec 2019 21:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 26092

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 28.2 26.6 40.0

