

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100980.D
 Acq On : 26 Dec 2019 20:40
 Operator : JU
 Sample : K6392-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:09:07 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

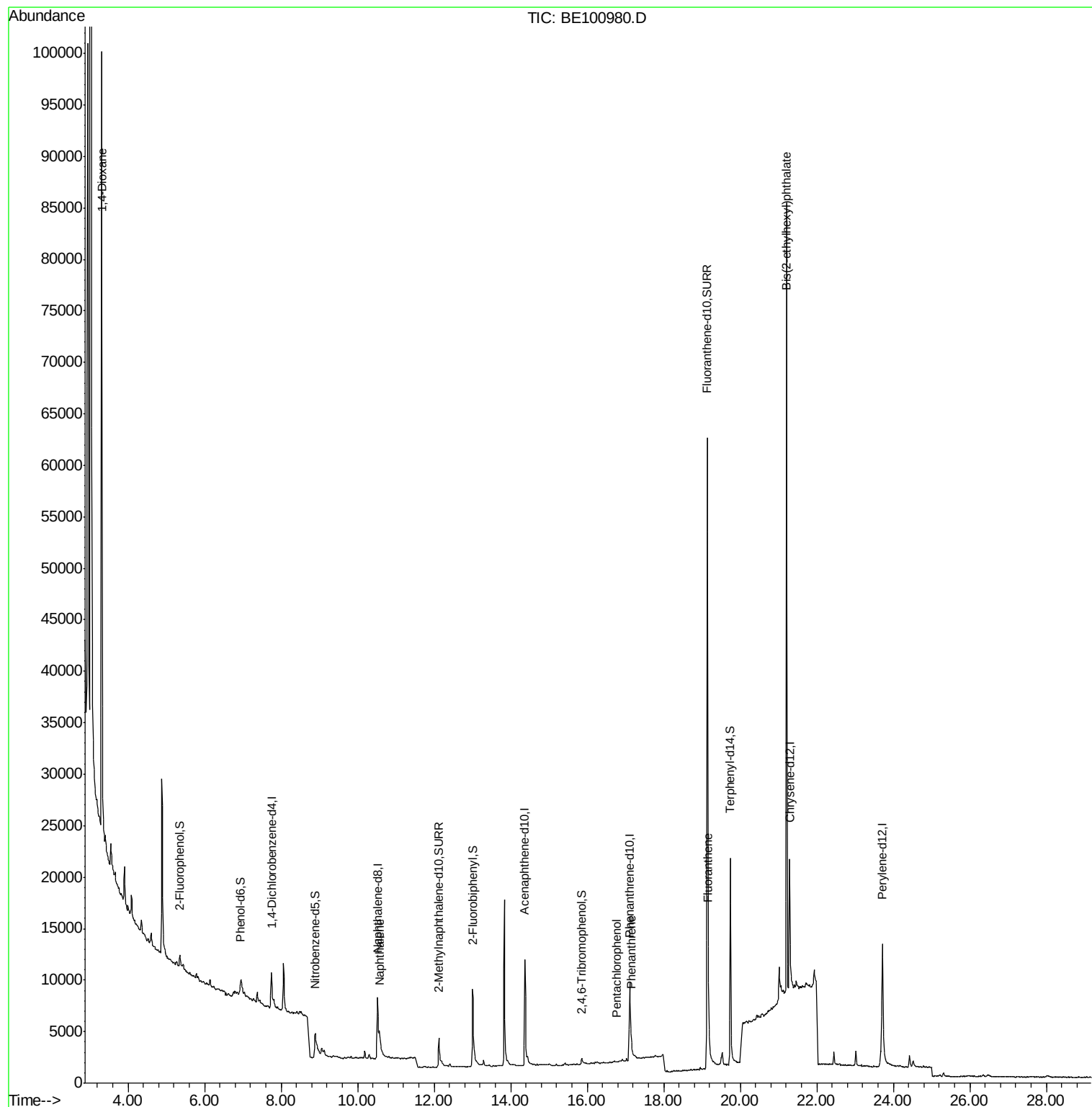
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2473	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11890	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	7246	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	17742	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	20269	0.40	ng	0.00
34) Perylene-d12	23.71	264	23728	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1030	0.25	ng	0.00
5) Phenol-d6	6.93	99	545	0.26	ng	-0.06
8) Nitrobenzene-d5	8.90	82	2365	0.48	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7009	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	620	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	12880	0.50	ng	-0.01
25) Fluoranthene-d10	19.14	212	105408	0.49	ng	0.00
29) Terphenyl-d14	19.74	244	23077	0.50	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.31	88	51066	10.664	ng	# 74
9) Naphthalene	10.57	128	2819	0.022	ng	# 88
22) Pentachlorophenol	16.76	266	29	0.123	ng	91
23) Phenanthrene	17.15	178	1885	0.041	ng	97
26) Fluoranthene	19.17	202	1269	0.020	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.21	149	89562	0.978	ng	100

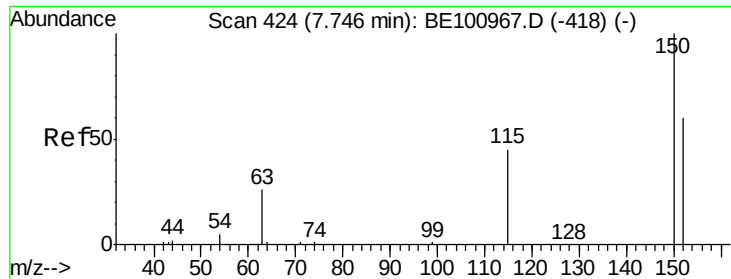
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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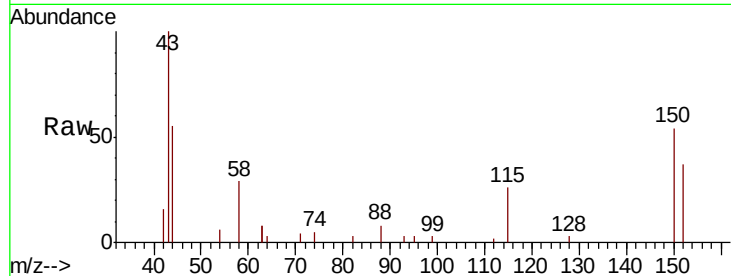


#1

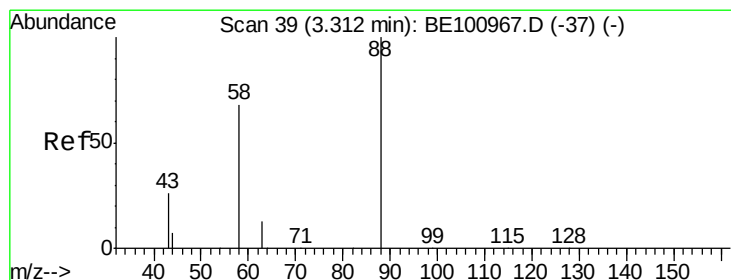
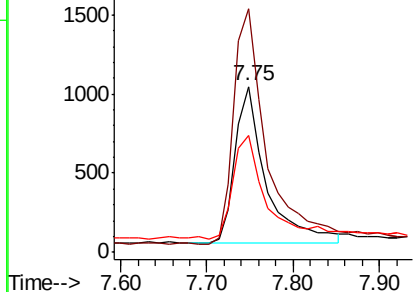
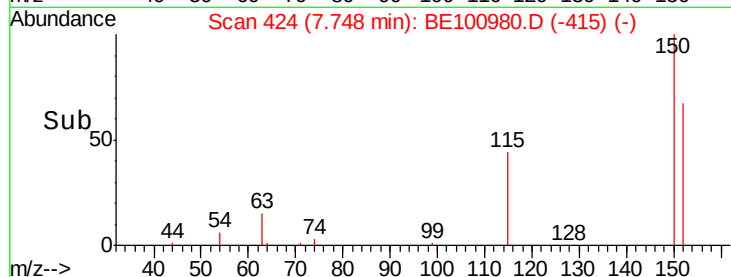
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2473
Ion Ratio Lower Upper
152 100
150 146.9 132.6 199.0
115 70.6 64.1 96.1



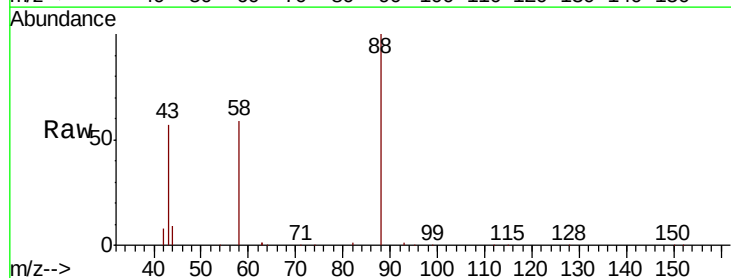
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



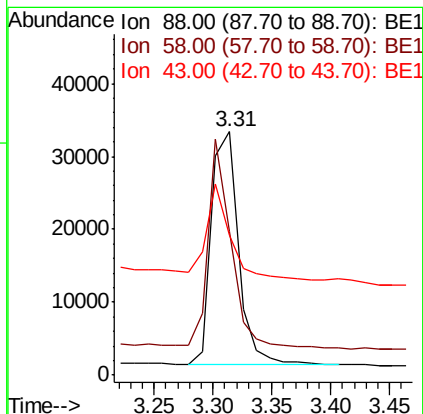
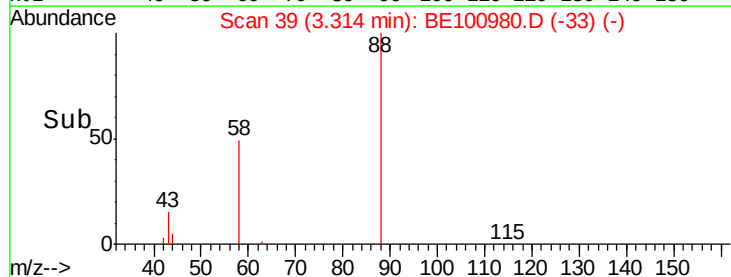
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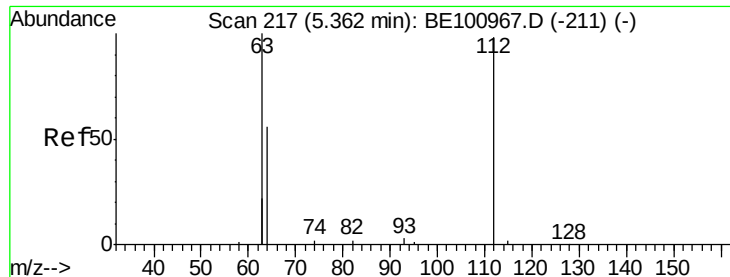
1,4-Dioxane
Concen: 10.664 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion: 88 Resp: 51066
Ion Ratio Lower Upper
88 100
58 76.4 44.2 66.4#
43 37.0 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

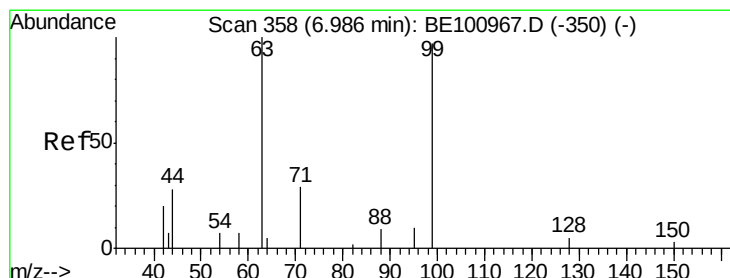
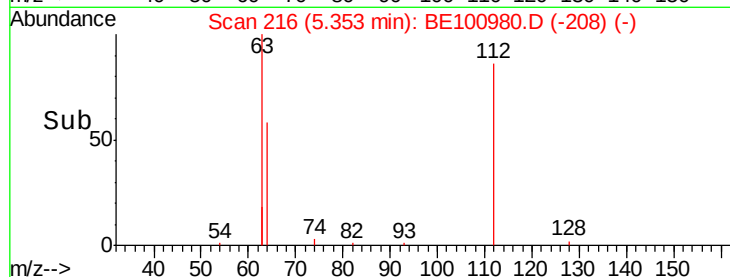
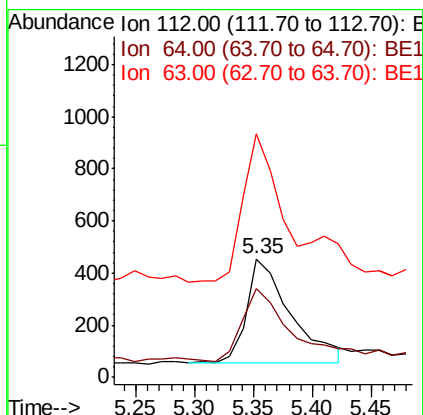
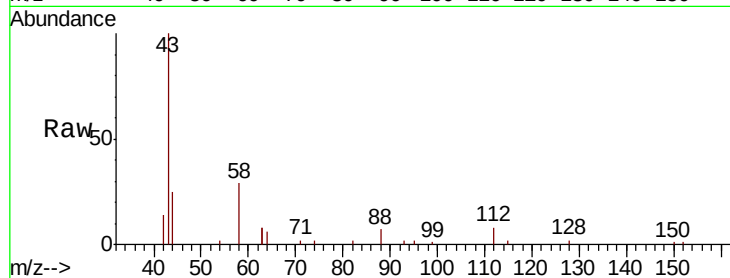




#4
2-Fluorophenol
Concen: 0.246 ng
RT: 5.35 min Scan# 216
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

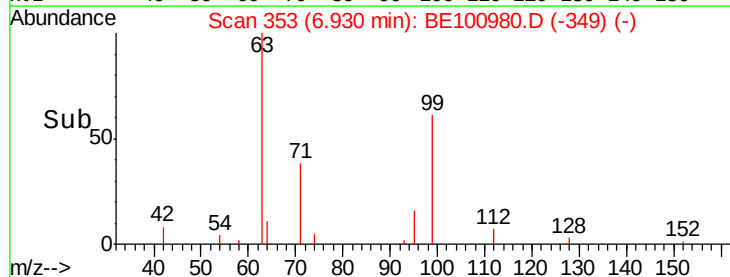
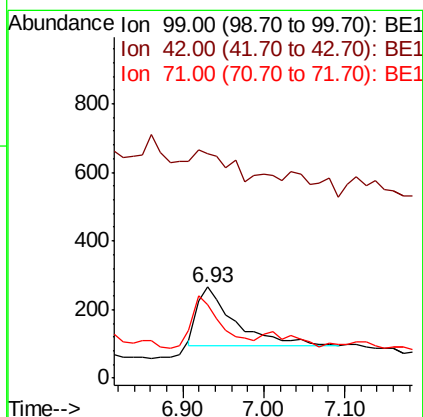
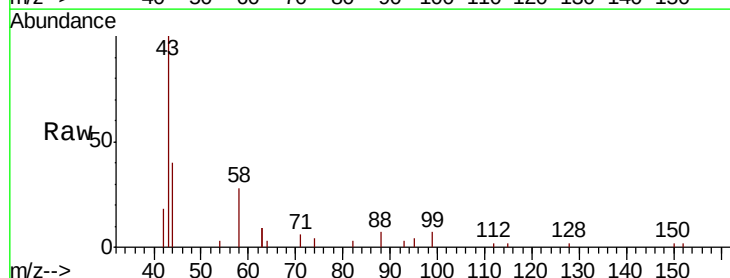
Instrument :
BNA_E
ClientSampleId :

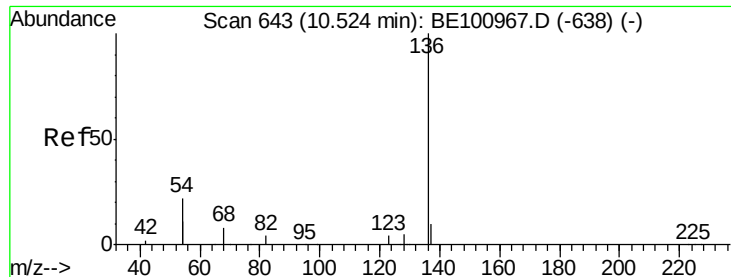
Tot Ion:112 Resp: 1030
Ion Ratio Lower Upper
112 100
64 71.6 59.0 88.6
63 149.6 121.4 182.0



#5
Phenol-d6
Concen: 0.264 ng
RT: 6.93 min Scan# 353
Delta R.T. -0.06 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion: 99 Resp: 545
Ion Ratio Lower Upper
99 100
42 32.1 0.0 0.0#
71 46.1 0.0 0.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 11890

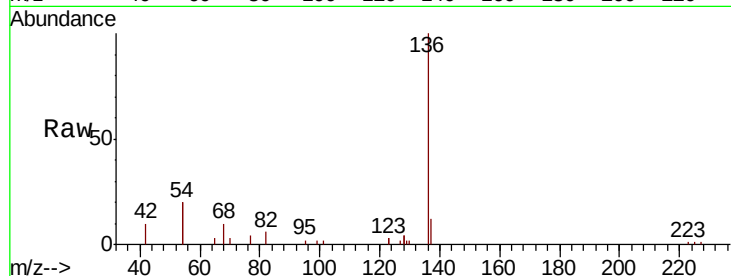
Ion Ratio Lower Upper

136 100

137 12.3 9.0 13.6

54 39.4 34.4 51.6

68 9.7 7.8 11.6

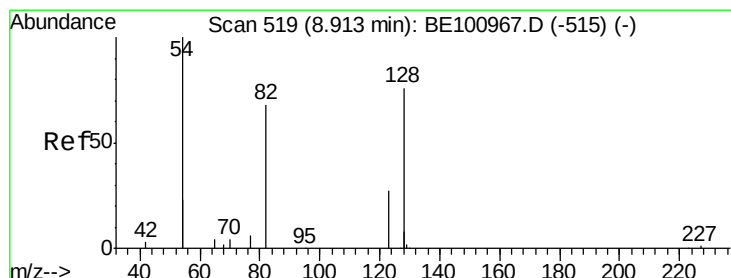
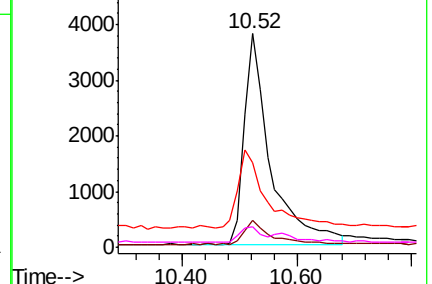
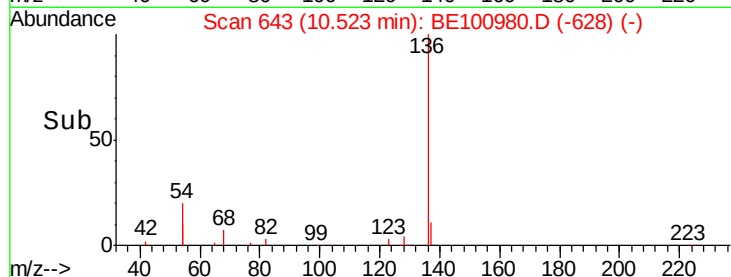


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.476 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

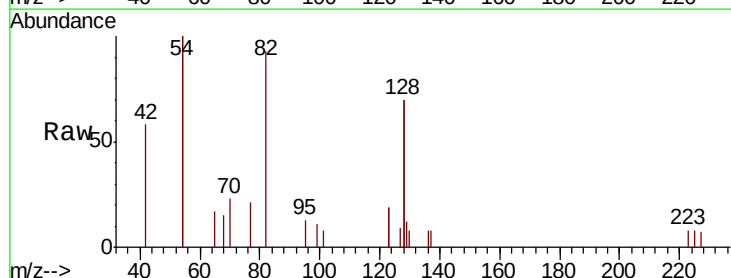
Tgt Ion: 82 Resp: 2365

Ion Ratio Lower Upper

82 100

128 150.6 140.2 210.2

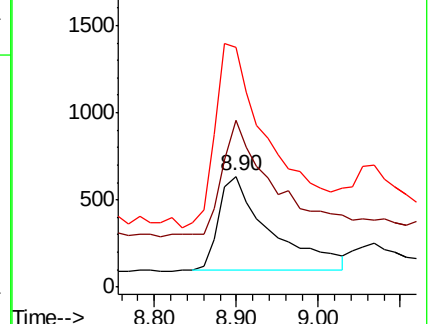
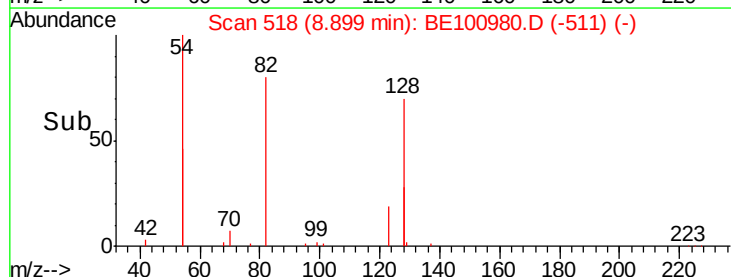
54 216.0 183.8 275.6

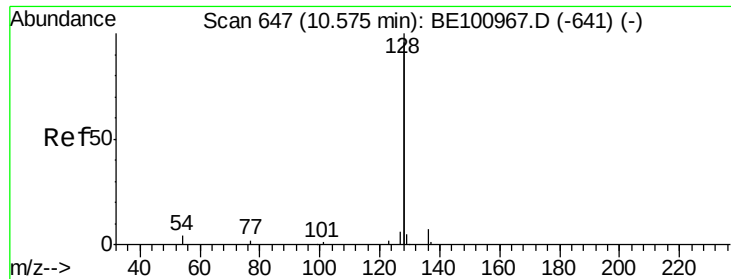


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

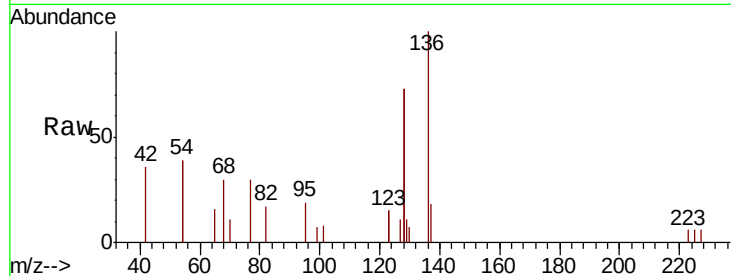




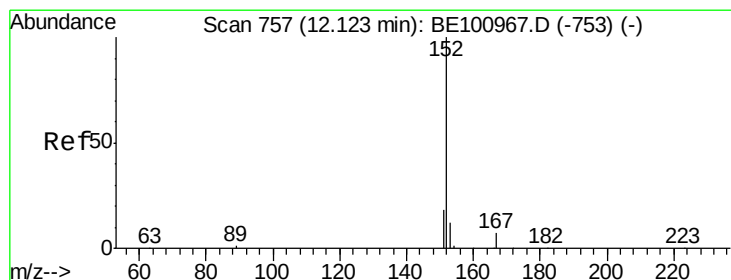
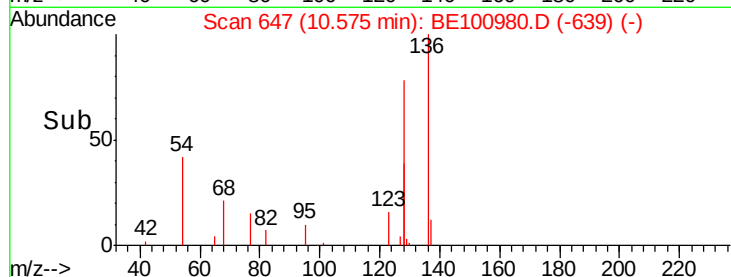
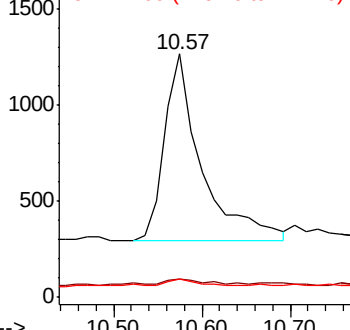
#9
Naphthalene
Concen: 0.022 ng
RT: 10.57 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 2819
Ion Ratio Lower Upper
128 100
129 7.4 2.6 3.8#
127 7.3 2.8 4.2#

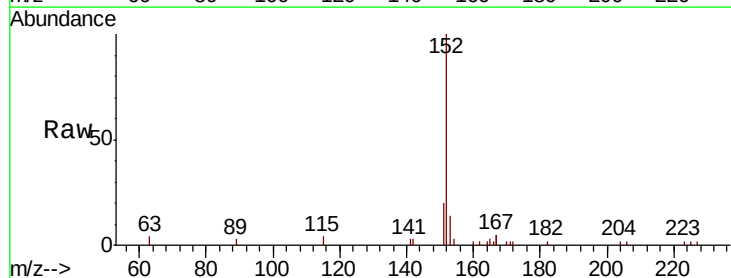


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

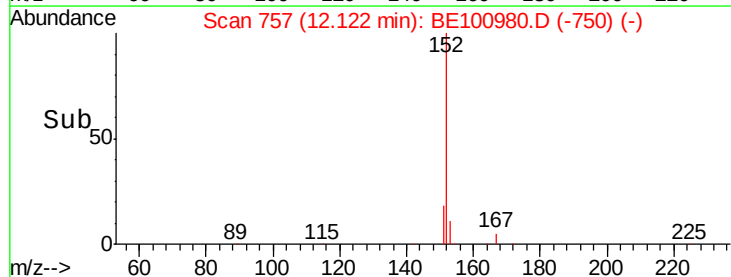
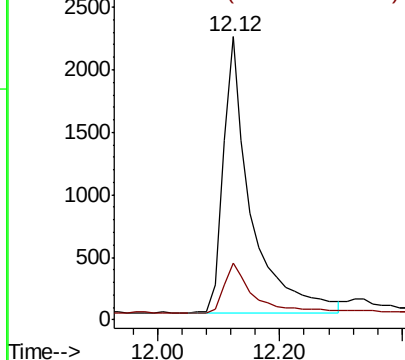


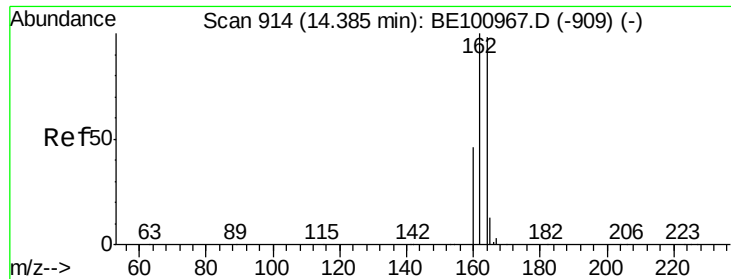
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.00 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion:152 Resp: 7009
Ion Ratio Lower Upper
152 100
151 20.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

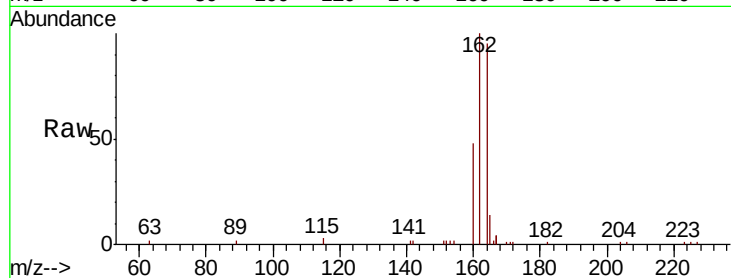




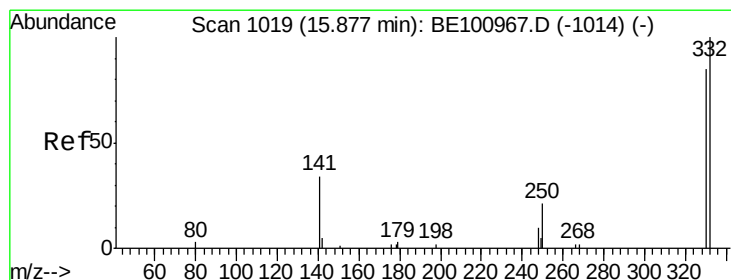
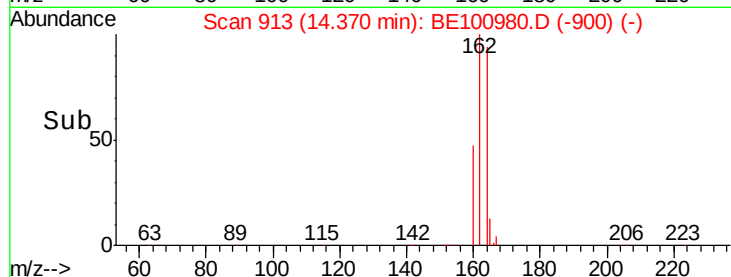
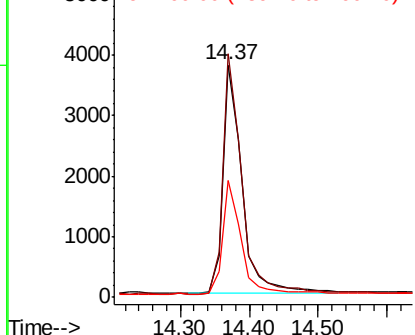
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7246
Ion Ratio Lower Upper
164 100
162 104.9 81.6 122.4
160 50.4 37.7 56.5

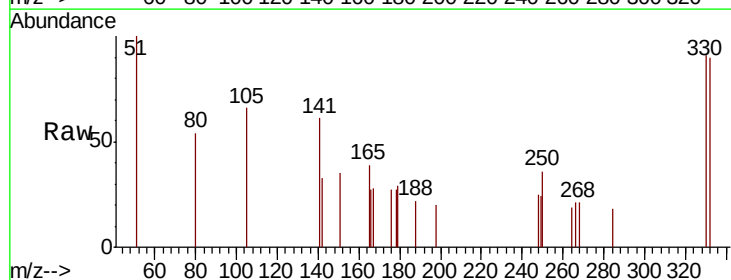


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

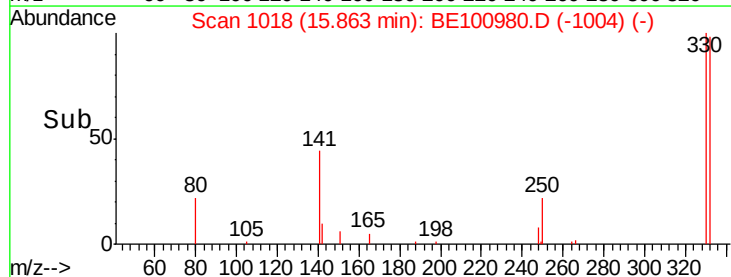
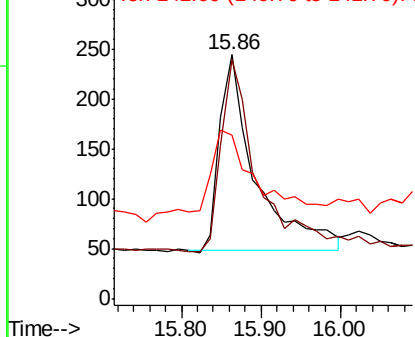


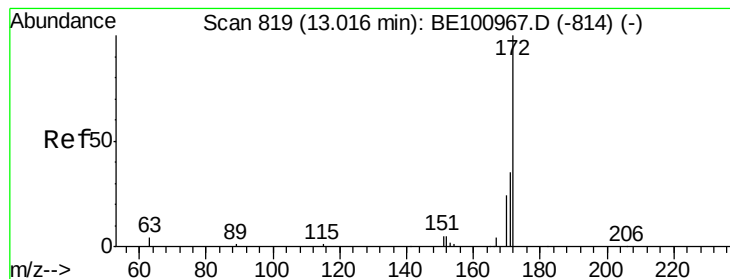
#14
2,4,6-Tribromophenol
Concen: 0.470 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion:330 Resp: 620
Ion Ratio Lower Upper
330 100
332 101.6 72.4 108.6
141 71.3 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

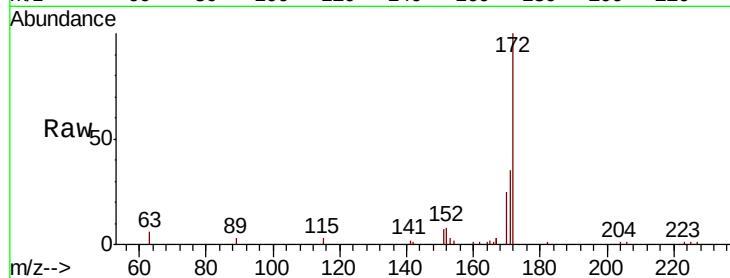




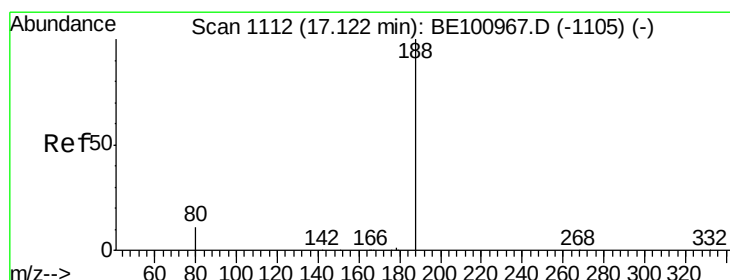
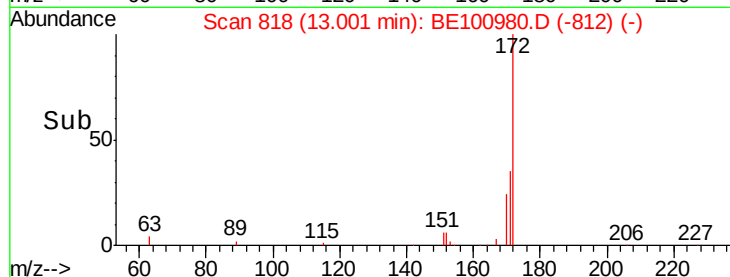
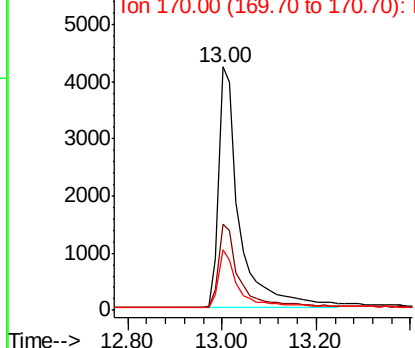
#15
2-Fluorobiphenyl
Concen: 0.500 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12880
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.6
170 25.0 20.0 30.0

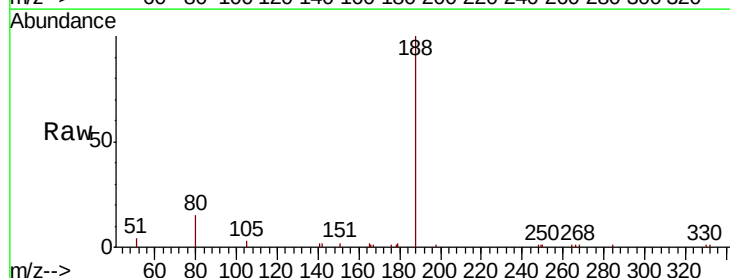


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

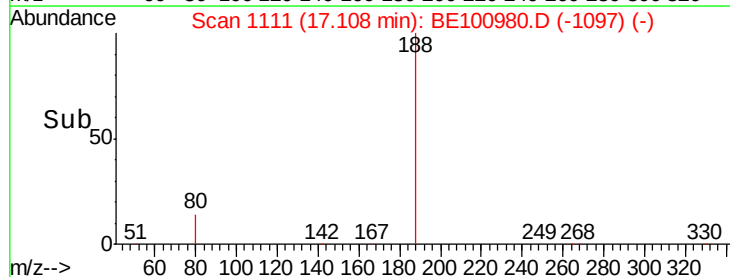
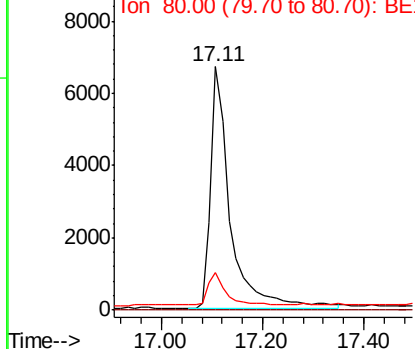


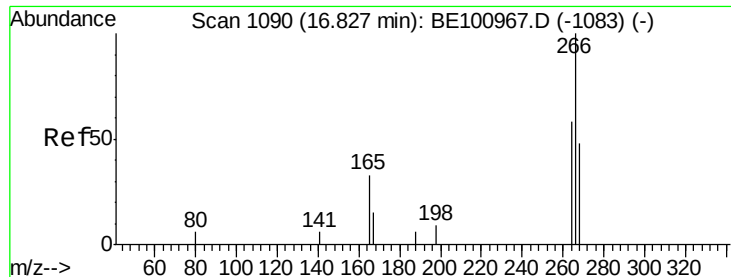
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100980.D
Acq: 26 Dec 2019 20:40

Tgt Ion:188 Resp: 17742
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 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

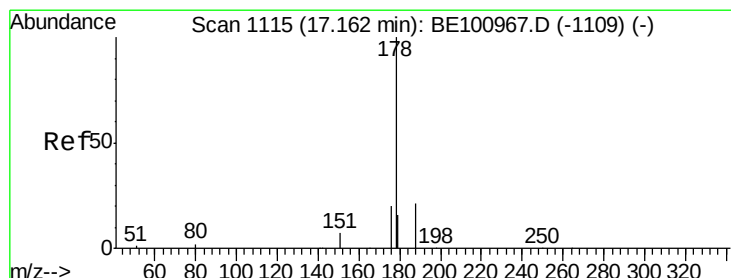
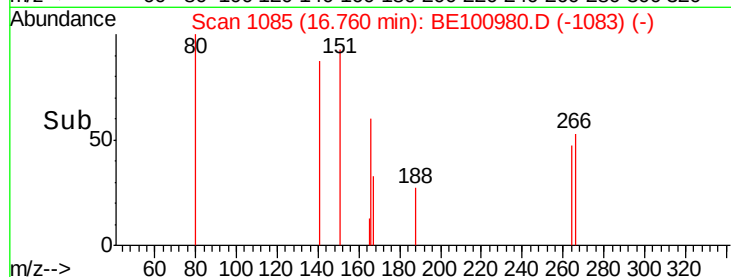
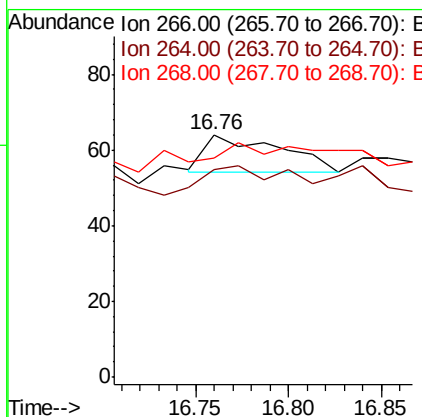
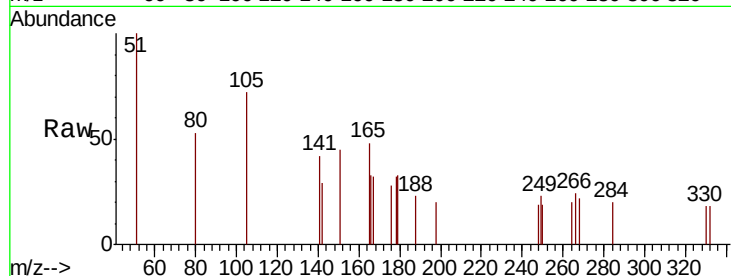




#22
 Pentachlorophenol
 Concen: 0.123 ng
 RT: 16.76 min Scan# 1085
 Delta R.T. -0.07 min
 Lab File: BE100980.D
 Acq: 26 Dec 2019 20:40

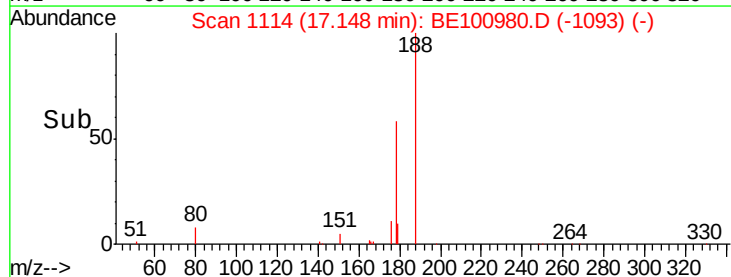
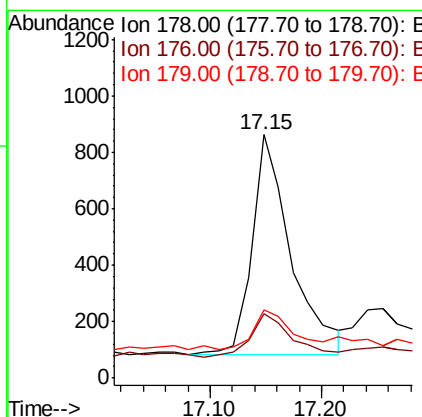
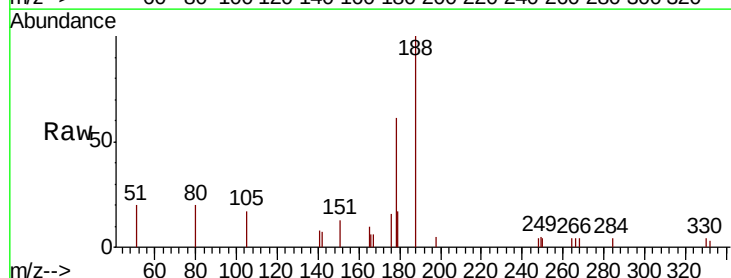
Instrument :
 BNA_E
 ClientSampled :

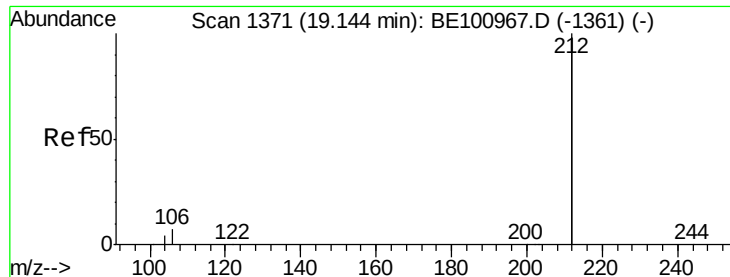
Tot Ion: 266 Resp: 29
 Ion Ratio Lower Upper
 266 100
 264 85.9 62.3 93.5
 268 90.6 66.1 99.1



#23
 Phenanthrene
 Concen: 0.041 ng
 RT: 17.15 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BE100980.D
 Acq: 26 Dec 2019 20:40

Tgt Ion: 178 Resp: 1885
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.7 23.5
 179 17.6 12.6 18.8

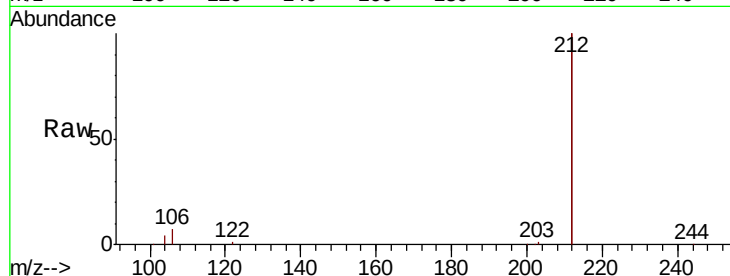




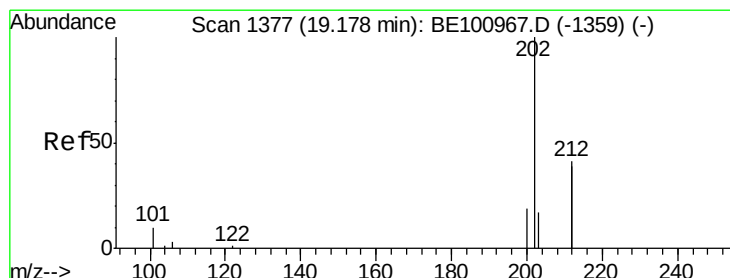
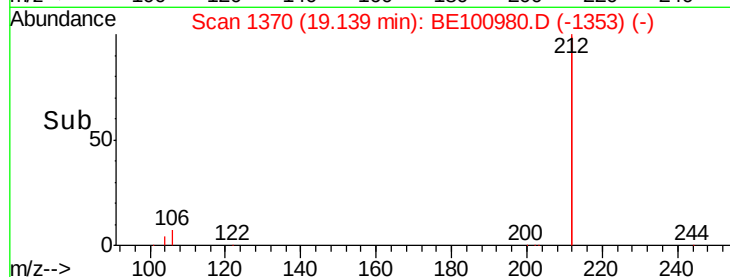
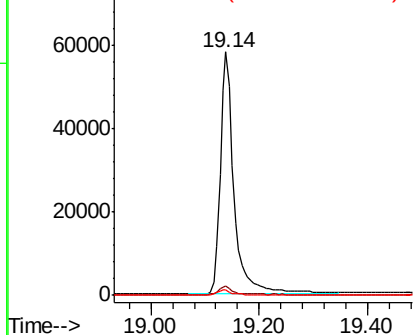
#25
 Fluoranthene-d10
 Concen: 0.490 ng
 RT: 19.14 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BE100980.D
 Acq: 26 Dec 2019 20:40

Instrument :
 BNA_E
 ClientSampleId :

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

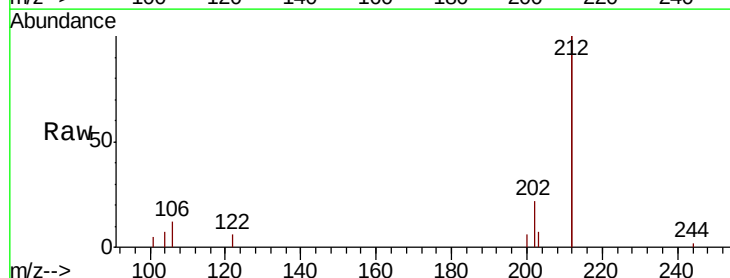


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

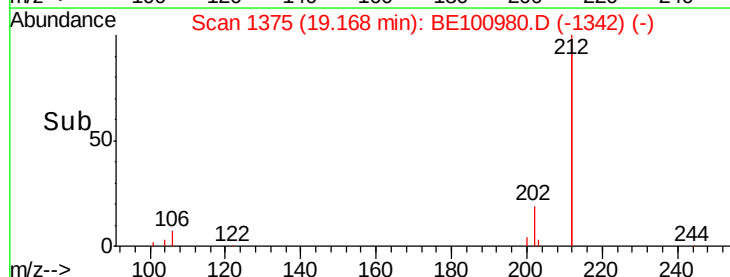
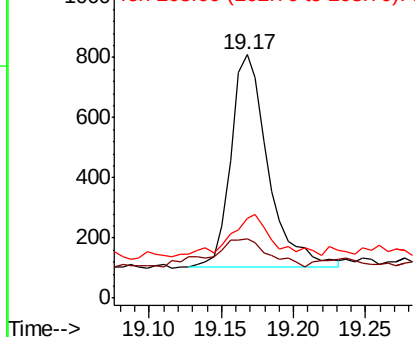


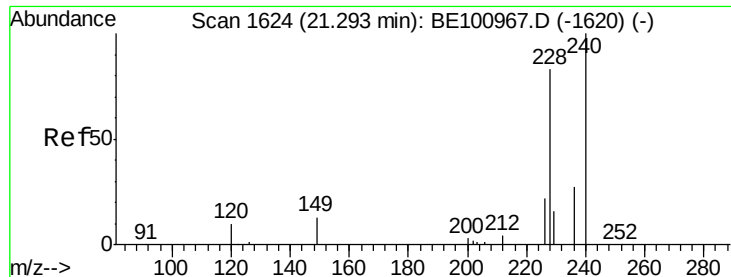
#26
 Fluoranthene
 Concen: 0.020 ng
 RT: 19.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BE100980.D
 Acq: 26 Dec 2019 20:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	20.8	9.0	13.4#
203	23.2	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# 1623

Delta R.T. -0.00 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

ClientSampleId :

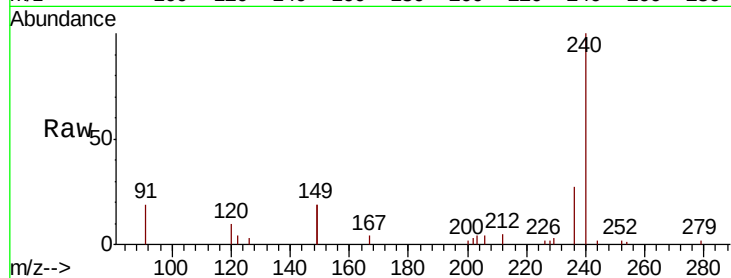
Tot Ion:240 Resp: 20269

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

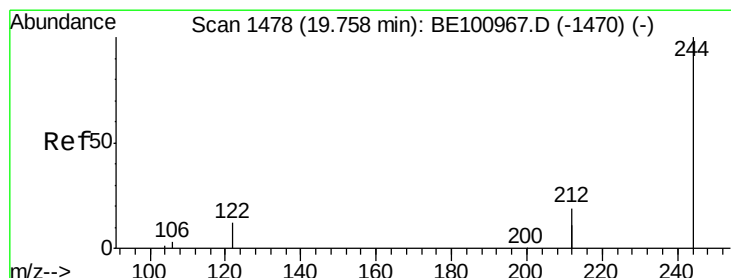
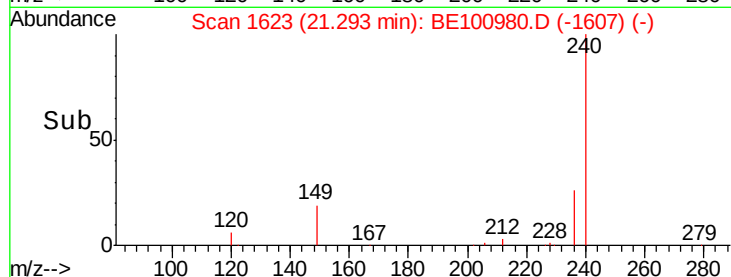
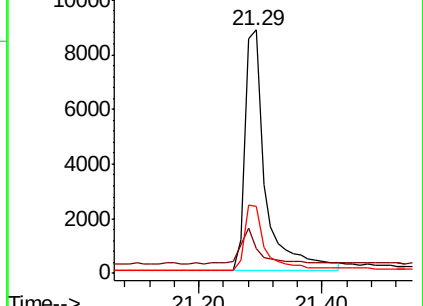
236 27.5 22.6 34.0



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: 0.495 ng

RT: 19.74 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

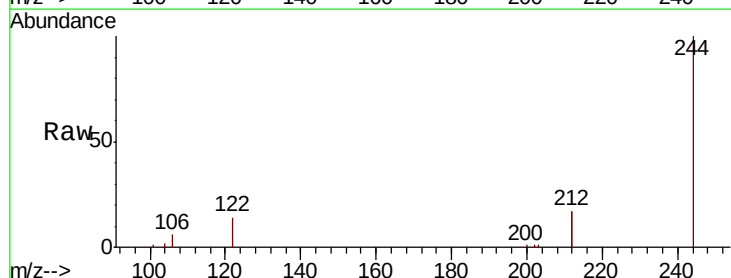
Tgt Ion:244 Resp: 23077

Ion Ratio Lower Upper

244 100

212 33.8 29.3 43.9

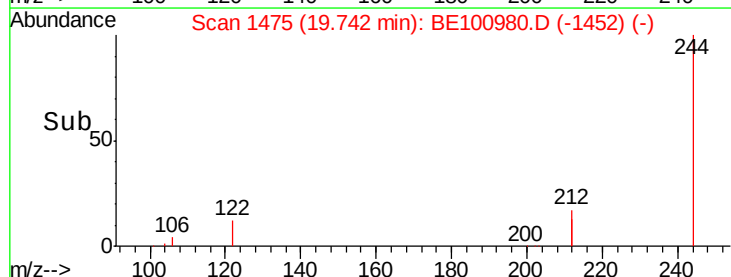
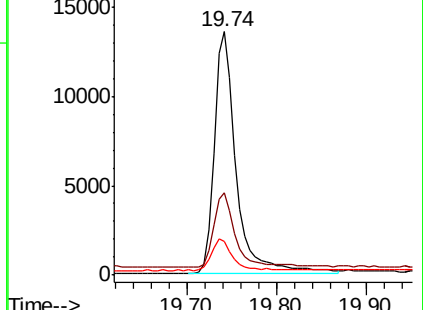
122 13.8 10.2 15.4

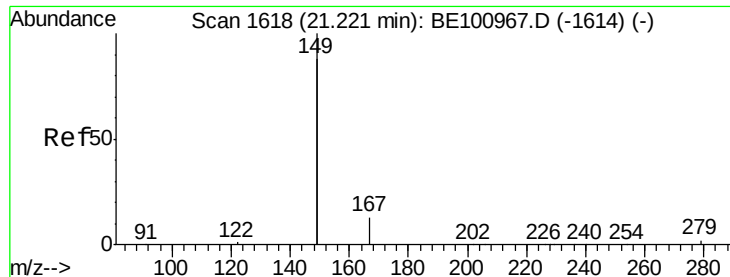


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.978 ng

RT: 21.21 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BE100980.D

Acq: 26 Dec 2019 20:40

Instrument :

BNA_E

ClientSampleId :

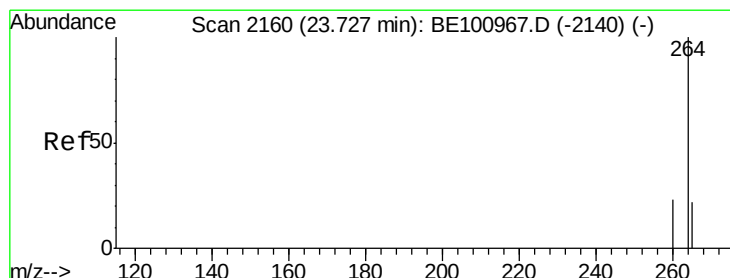
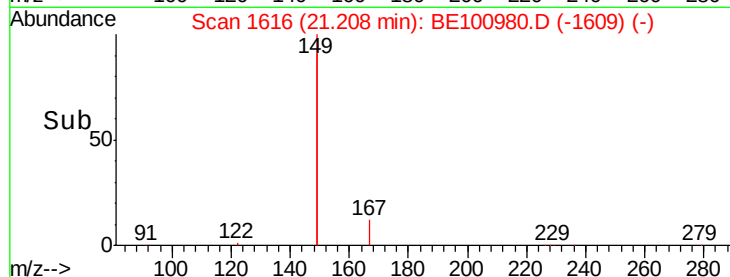
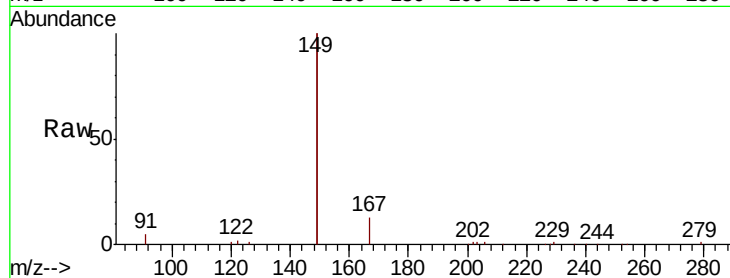
Tot Ion:149 Resp: 89562

Ion Ratio Lower Upper

149 100

167 6.5 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: BE100980.D

Acq: 26 Dec 2019 20:40

Tgt Ion:264 Resp: 23728

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 28.5 26.6 40.0

