

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
 Data File : BE101021.D
 Acq On : 10 Jan 2020 12:00
 Operator : JU
 Sample : PB125983BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 10 13:06:18 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

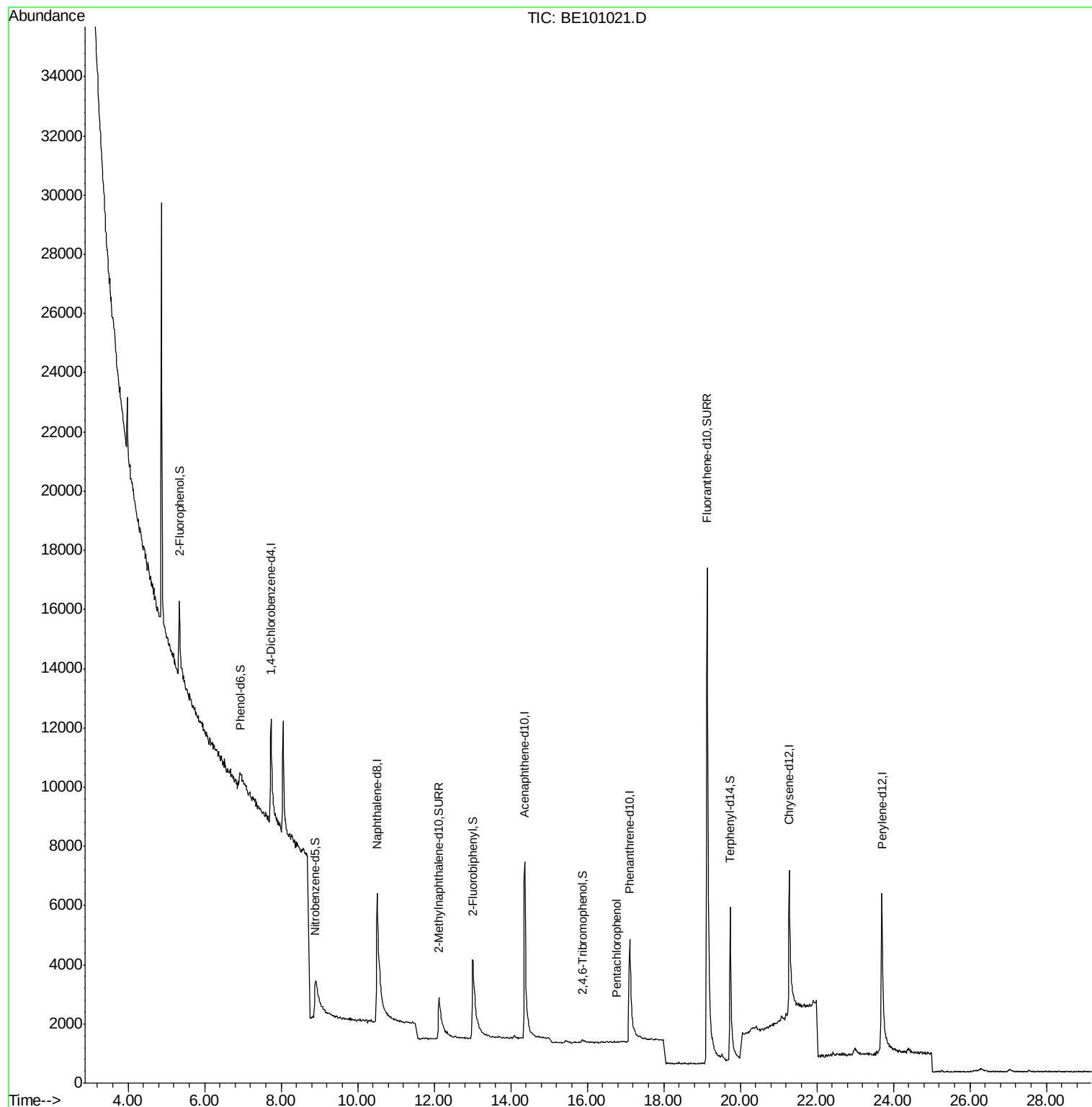
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2991	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12292	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6837	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13063	0.40	ng	0.01
27) Chrysene-d12	21.28	240	11277	0.40	ng	0.00
34) Perylene-d12	23.70	264	13776	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1868	0.28	ng	0.00
5) Phenol-d6	6.94	99	1892	0.22	ng	0.02
8) Nitrobenzene-d5	8.90	82	1944	0.22	ng	0.02
11) 2-Methylnaphthalene-d10	12.12	152	6510	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	148	0.08	ng	0.03
15) 2-Fluorobiphenyl	13.02	172	9302	0.36	ng	0.01
25) Fluoranthene-d10	19.13	212	51502	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	9279	0.34	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.77	266	10	0.254	ng	Qvalue # 83

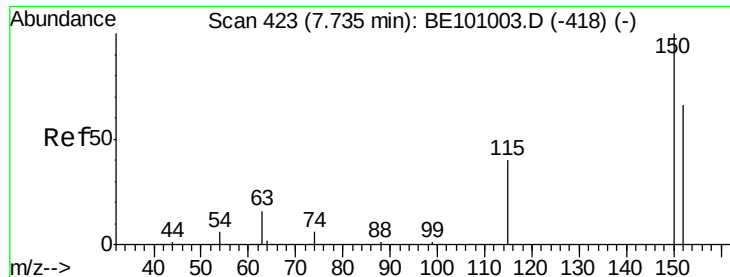
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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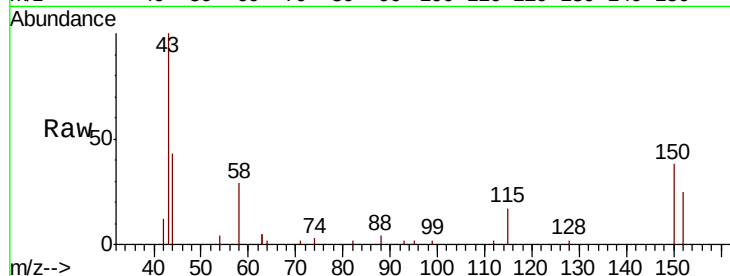


#1

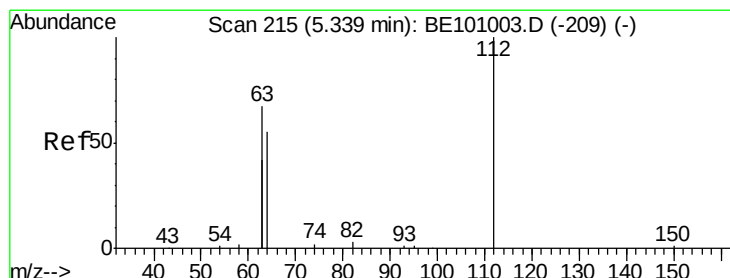
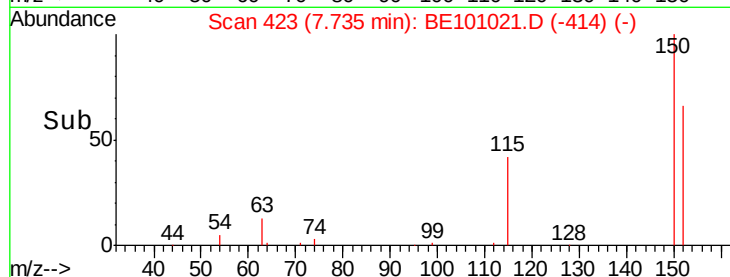
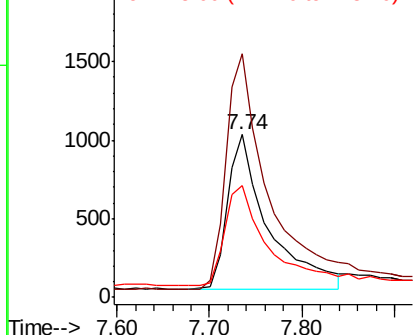
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101021.D
Acq: 10 Jan 2020 12:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2991
Ion Ratio Lower Upper
152 100
150 149.7 120.3 180.5
115 68.8 51.7 77.5



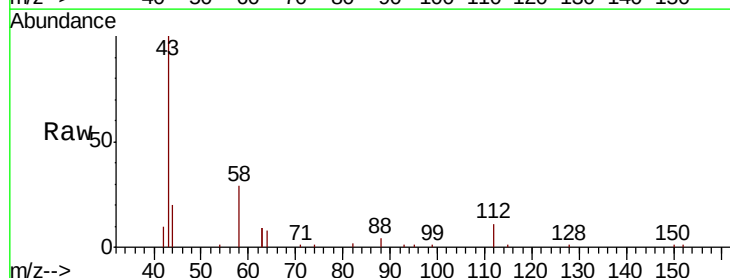
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



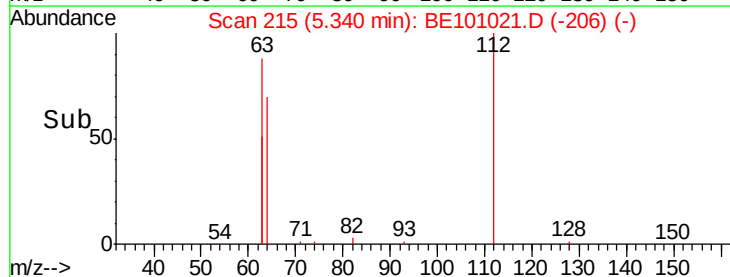
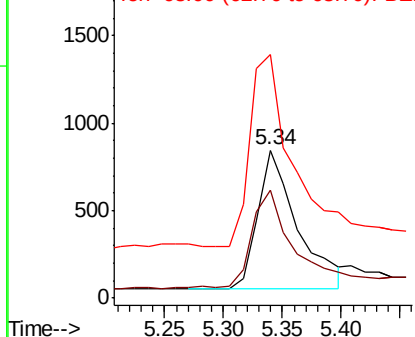
#4

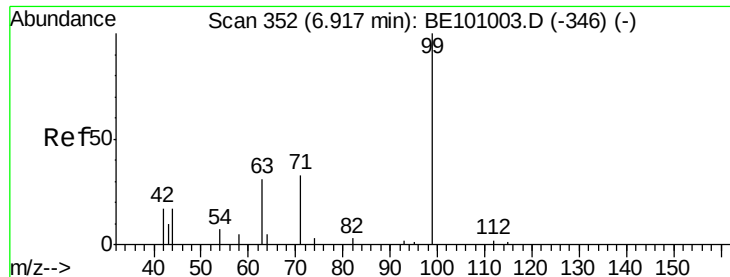
2-Fluorophenol
Concen: 0.277 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101021.D
Acq: 10 Jan 2020 12:00

Tgt Ion:112 Resp: 1868
Ion Ratio Lower Upper
112 100
64 70.9 53.6 80.4
63 147.9 114.6 172.0



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: 0.222 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.02 min

Lab File: BE101021.D

Acq: 10 Jan 2020 12:00

Instrument :

BNA_E

ClientSampled :

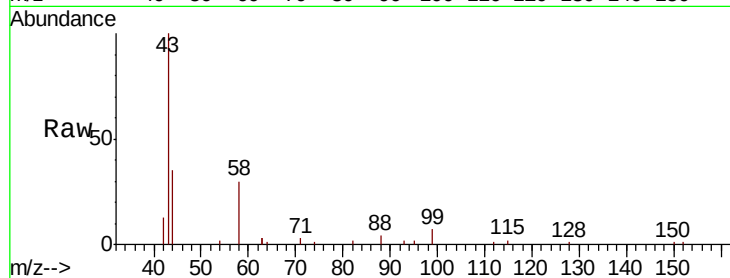
Tot Ion: 99 Resp: 1892

Ion Ratio Lower Upper

99 100

42 12.5 18.3 27.5#

71 26.0 28.0 42.0#



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

800

600

400

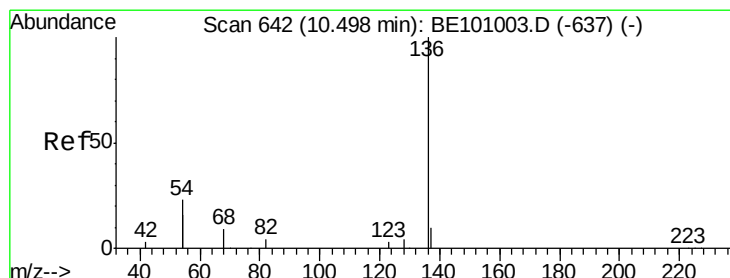
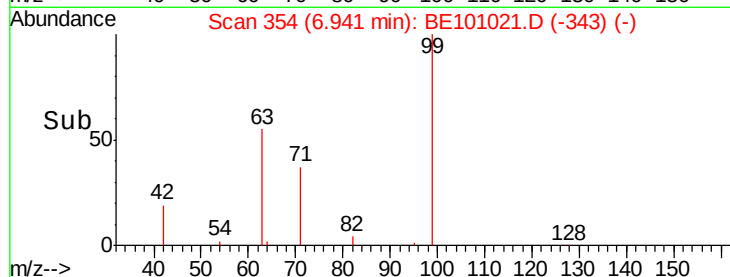
200

0

6.80 6.90 7.00 7.10

6.94

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101021.D

Acq: 10 Jan 2020 12:00

Tgt Ion: 136 Resp: 12292

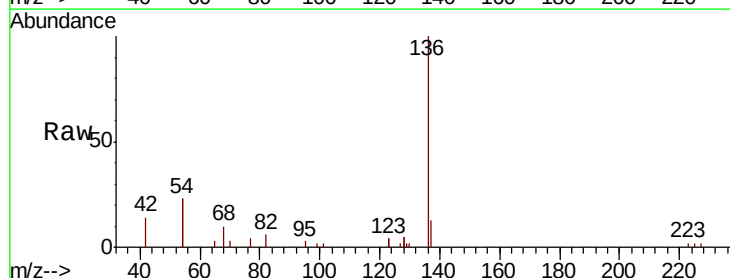
Ion Ratio Lower Upper

136 100

137 12.8 9.3 13.9

54 45.5 36.8 55.2

68 9.8 8.4 12.6



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

4000

3000

2000

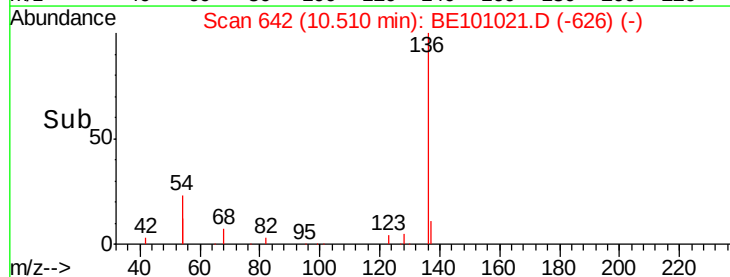
1000

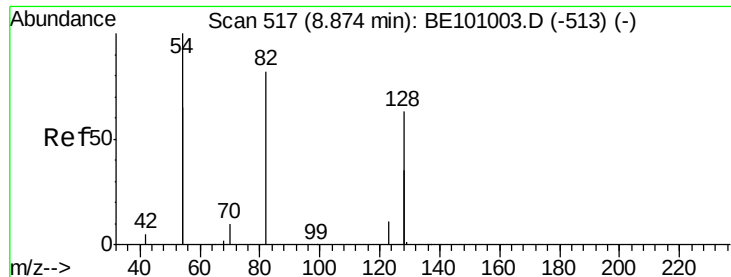
0

10.40 10.50 10.60

10.51

Time-->

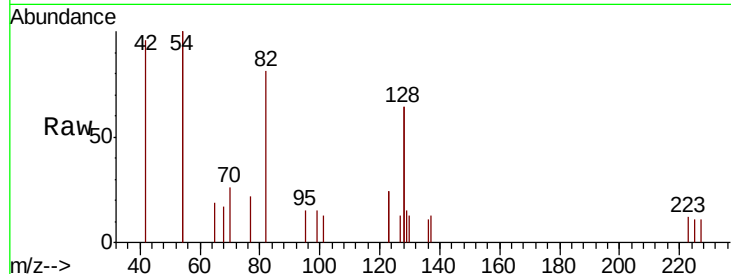




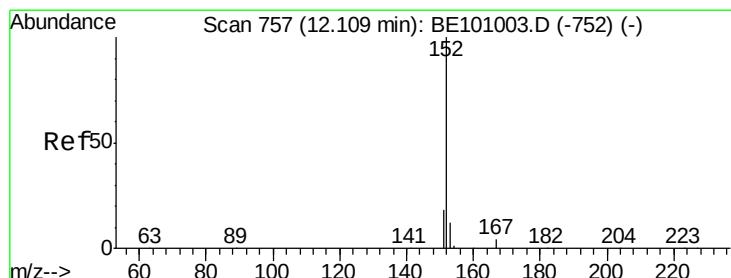
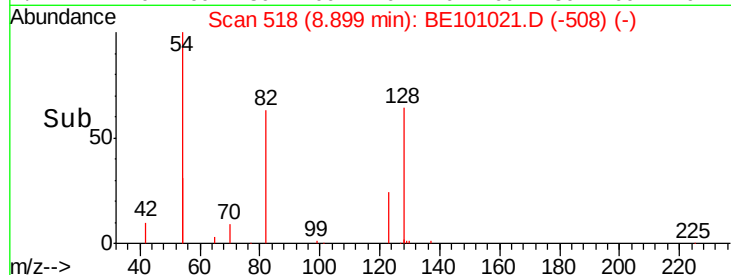
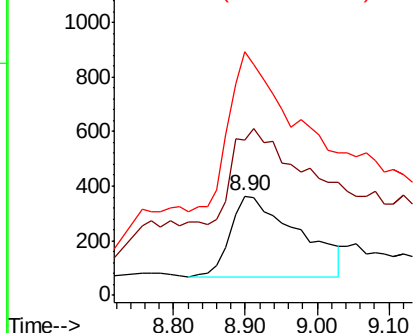
#8
 Nitrobenzene-d5
 Concen: 0.221 ng
 RT: 8.90 min Scan# 518
 Delta R.T. 0.02 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 1944
 Ion Ratio Lower Upper
 82 100
 128 156.5 109.8 164.6
 54 245.7 174.5 261.7

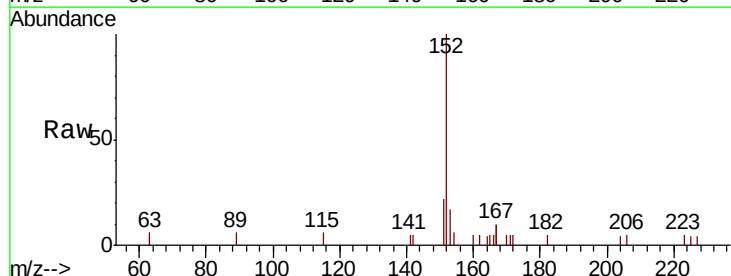


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

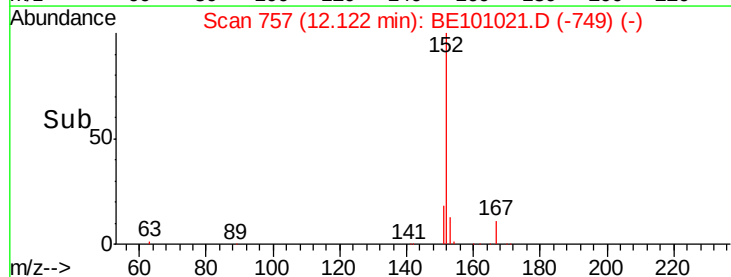
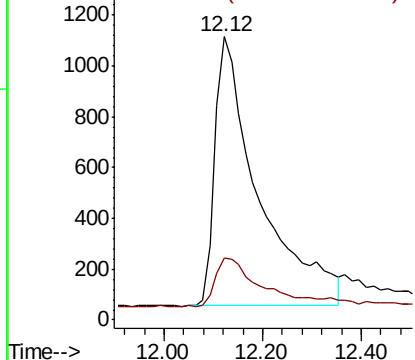


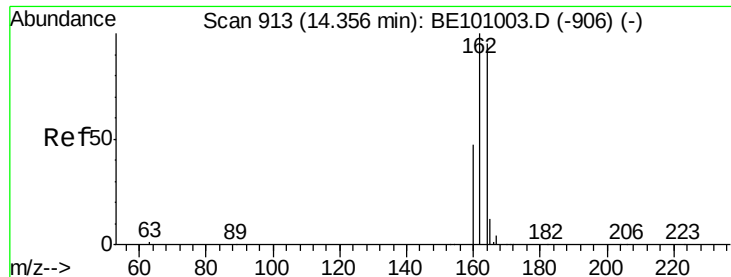
#11
 2-Methylnaphthalene-d10
 Concen: 0.278 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

Tgt Ion: 152 Resp: 6510
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1
 Ion 151.00 (150.70 to 151.70): BE1

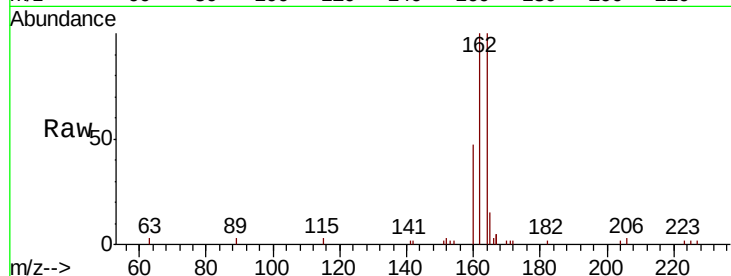




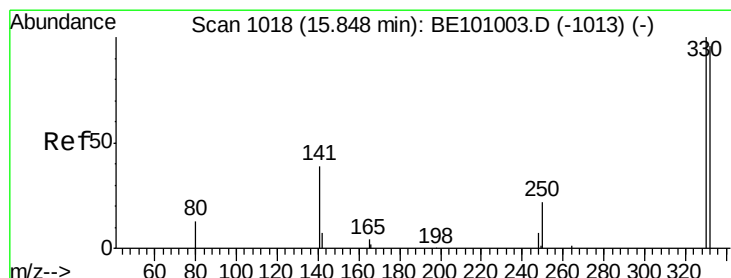
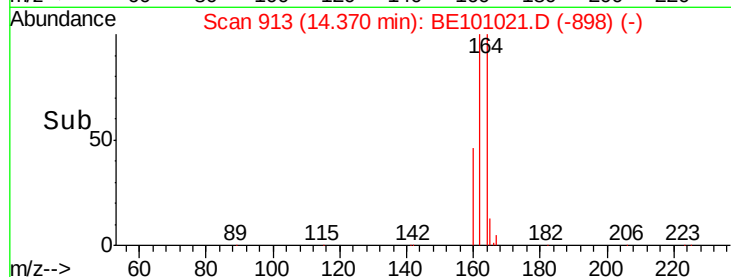
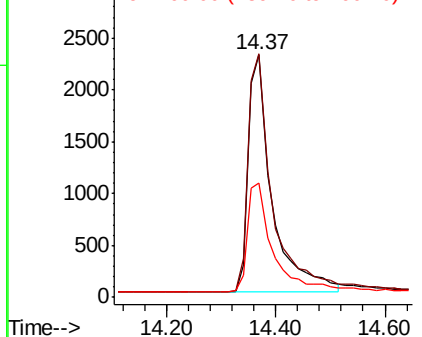
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE101021.D
Acq: 10 Jan 2020 12:00

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 6837
Ion Ratio Lower Upper
164 100
162 100.4 84.1 126.1
160 47.1 40.4 60.6

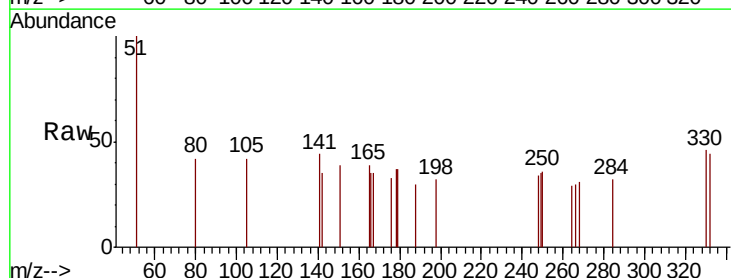


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

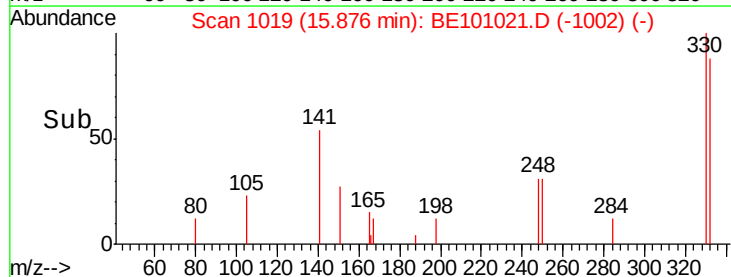
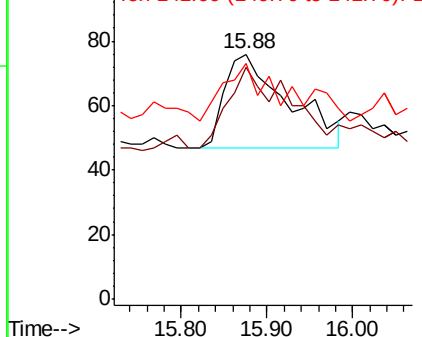


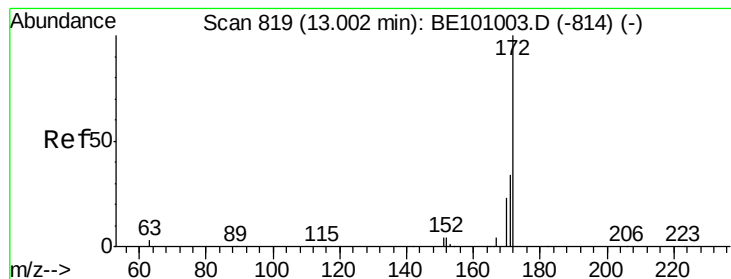
#14
2,4,6-Tribromophenol
Concen: 0.077 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.03 min
Lab File: BE101021.D
Acq: 10 Jan 2020 12:00

Tgt Ion:330 Resp: 148
Ion Ratio Lower Upper
330 100
332 81.1 78.4 117.6
141 50.0 37.0 55.4



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

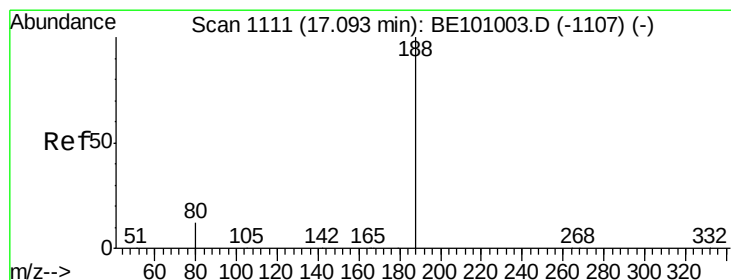
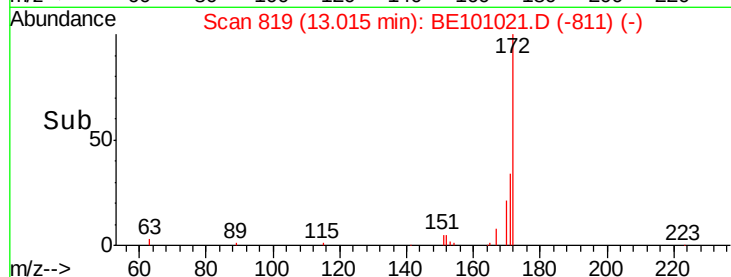
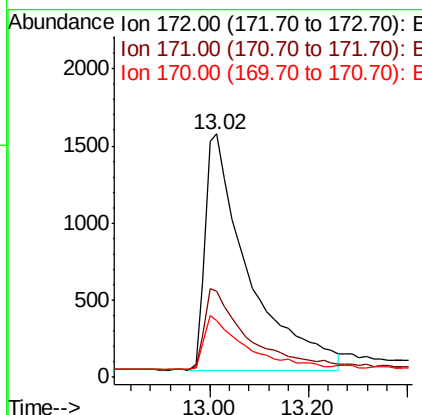
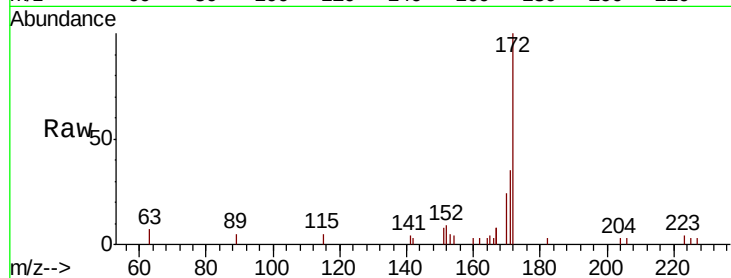




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.01 min
Lab File: BE101021.D
Acq: 10 Jan 2020 12:00

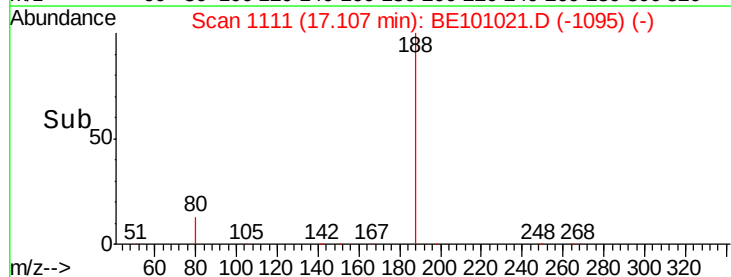
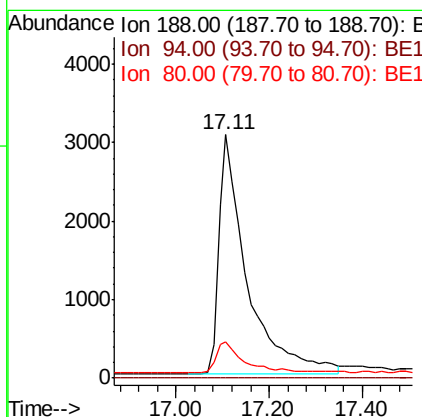
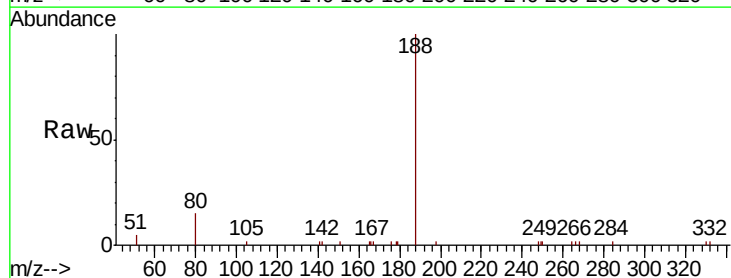
Instrument :
BNA_E
ClientSampleId :

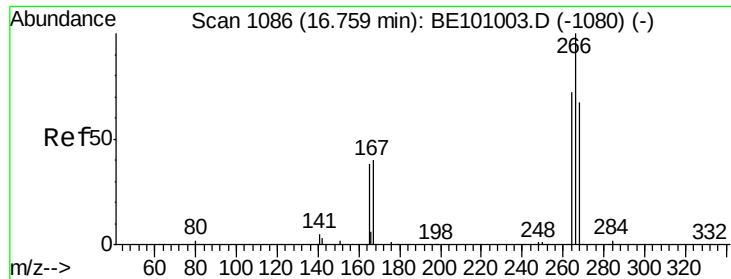
Tot Ion:172 Resp: 9302
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101021.D
Acq: 10 Jan 2020 12:00

Tgt Ion:188 Resp: 13063
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 10.8 16.2

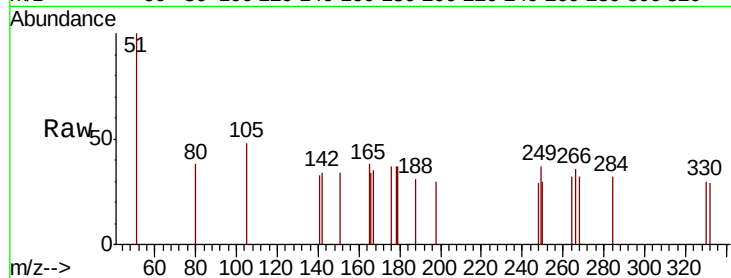




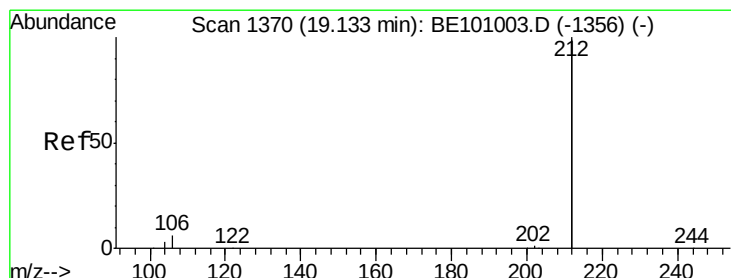
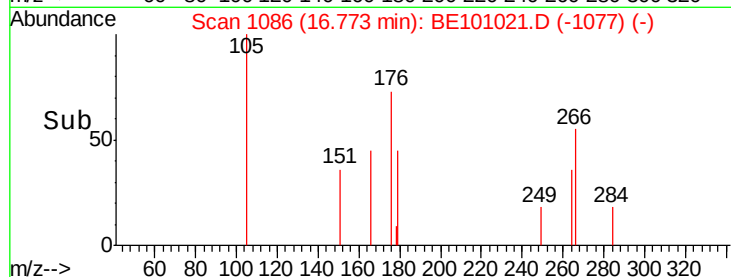
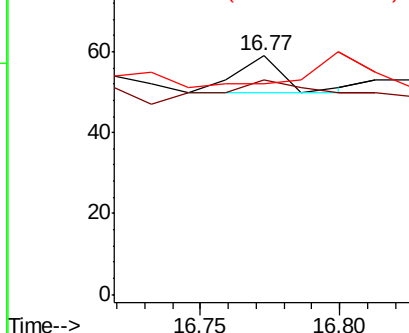
#22
 Pentachlorophenol
 Concen: 0.254 ng
 RT: 16.77 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 89.8 61.0 91.4
 268 88.1 58.5 87.7#

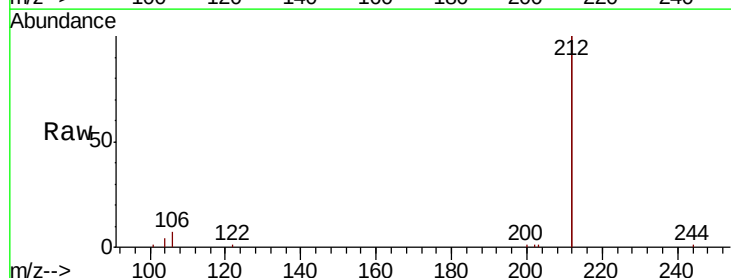


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

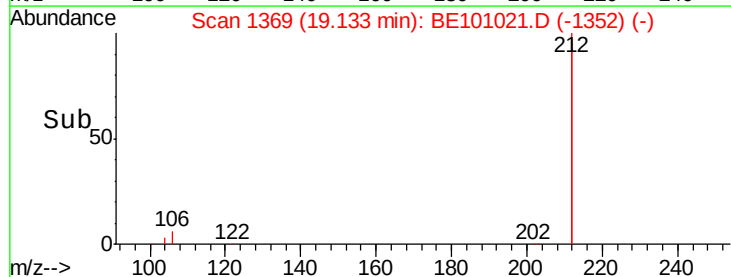
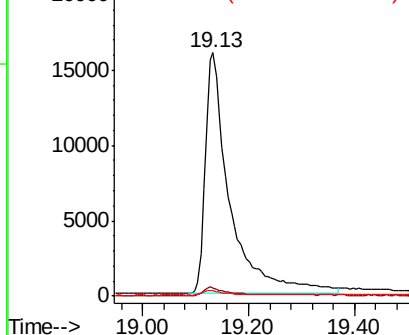


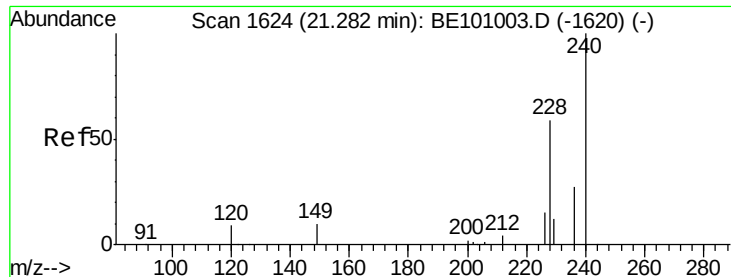
#25
 Fluoranthene-d10
 Concen: 0.284 ng
 RT: 19.13 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

Tgt Ion:212 Resp: 51502
 Ion Ratio Lower Upper
 212 100
 106 3.0 2.6 3.8
 104 1.7 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

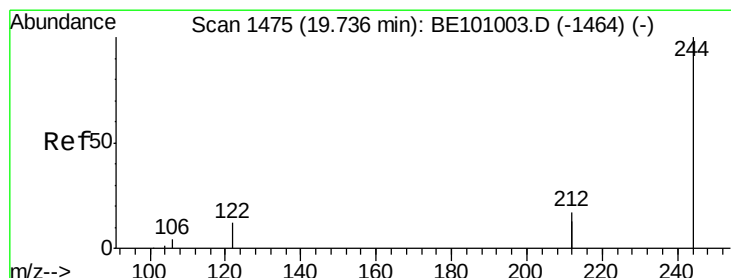
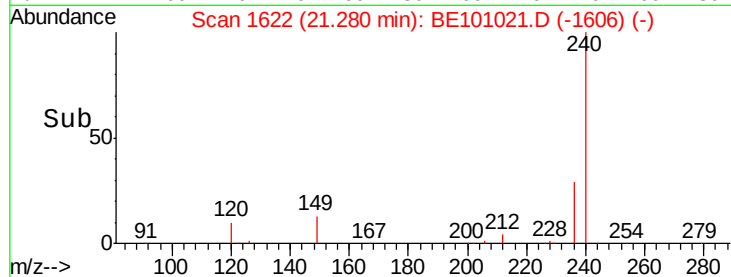
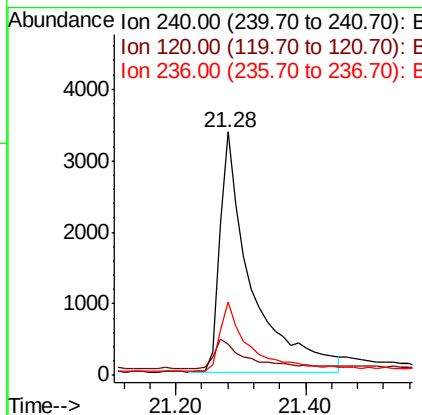
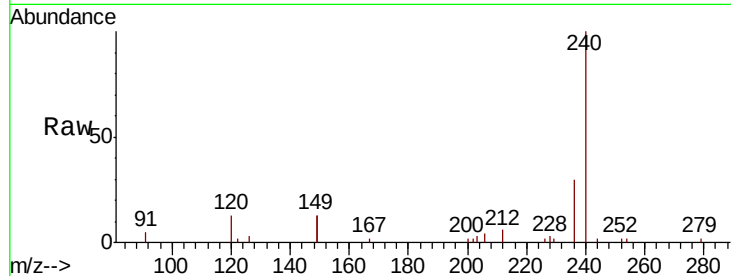




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

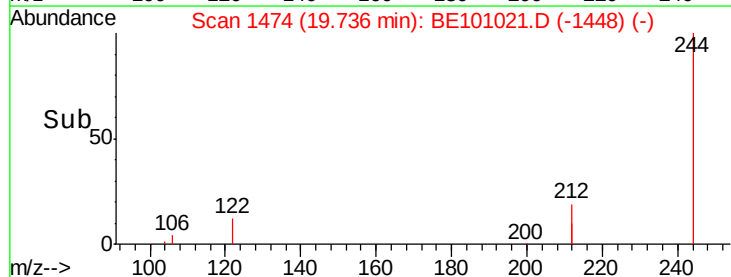
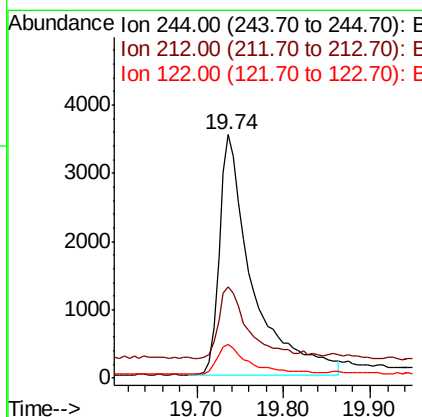
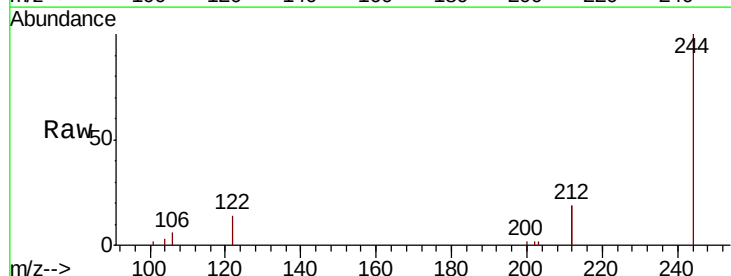
Instrument :
 BNA_E
 ClientSampleId :

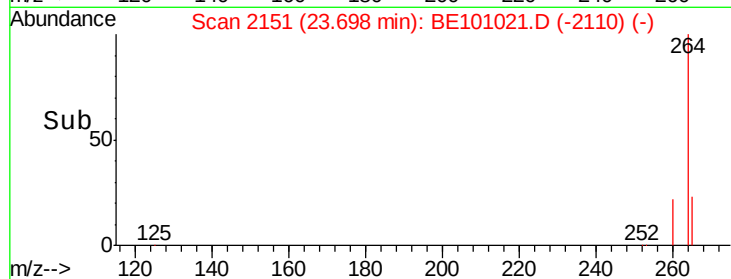
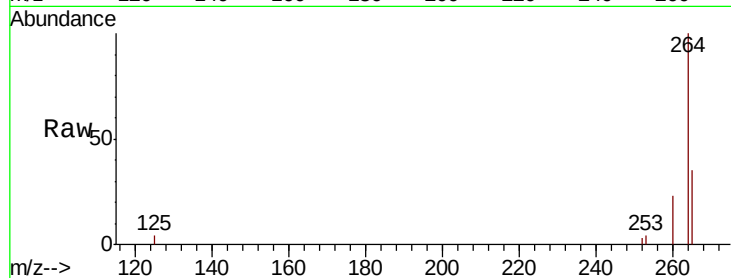
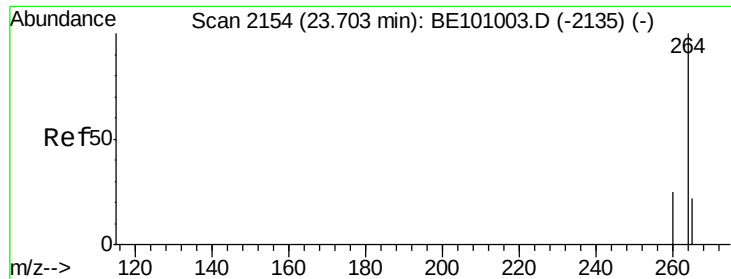
Tot Ion:240 Resp: 11277
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.6 13.0
 236 30.0 22.2 33.4



#29
 Terphenyl-d14
 Concen: 0.335 ng
 RT: 19.74 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

Tgt Ion:244 Resp: 9279
 Ion Ratio Lower Upper
 244 100
 212 37.4 27.2 40.8
 122 13.8 9.8 14.8





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BE101021.D
 Acq: 10 Jan 2020 12:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264	Resp:	13776
Ion Ratio	Lower	Upper
264	100	
260	23.2	20.3 30.5
265	34.6	27.0 40.4

