Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101157.D
Acq On : 31 Mar 2021 12:02
Operator : CG/JU
Sample : M1867-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

Quant Time: Mar 31 12:45:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 11:11:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.850	152	4876	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	20672	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	12555	0.40	ng	-0.01
19) Phenanthrene-d10	17.211	188	31438	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	41258	0.40	ng	#-0.01
36) Perylene-d12	23.856	264	38068	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1837	0.16	ng	0.00
5) Phenol-d6	6.998	99	1563	0.09	ng	0.00
8) Nitrobenzene-d5	8.991	82	4085	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9901	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1054	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	14451	0.31	ng	-0.01
27) Fluoranthene-d10	19.226	212	160836	0.41	ng	0.00
31) Terphenyl-d14	19.829	244	42894	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	3592	0.45	ng	# 64
3) n-Nitrosodimethylamine	3.681	42	835	0.10	ng	# 1
9) Naphthalene	10.680	128	4947	0.02	ng	# 96
25) Phenanthrene	17.256	178	4253	0.05	ng	98
28) Fluoranthene	19.255	202	4809	0.04	ng	# 91
30) Pyrene	19.617	202	3573	0.03	ng	95
34) Bis(2-ethylhexyl)phtha...	21.306	149	15435	0.22	ng	99
37) Benzo(b)fluoranthene	23.100	252	2013	0.02	ng	# 59
40) Dibenzo(a,h)anthracene	26.498	278	146	0.10	ng	# 1

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

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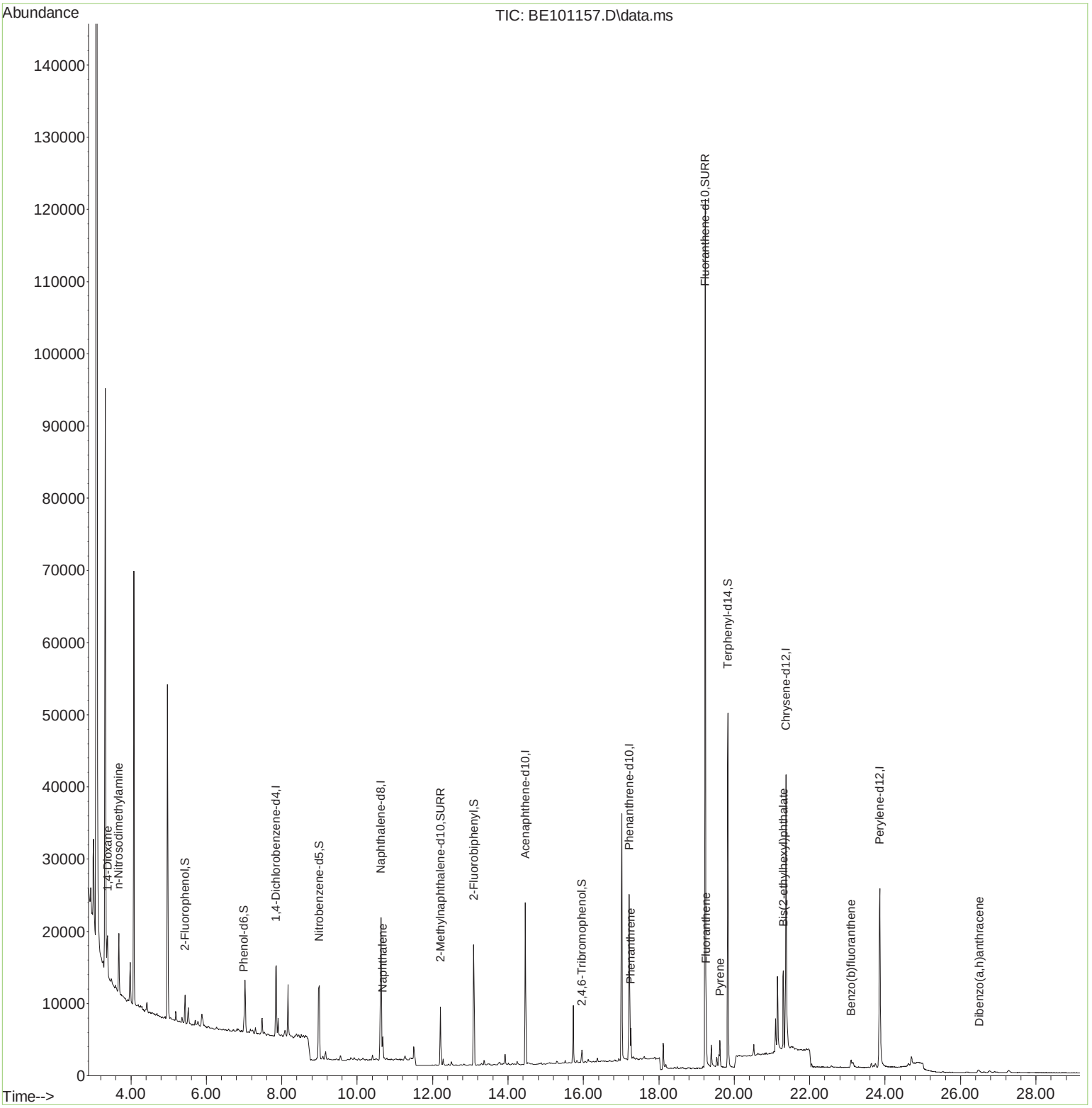
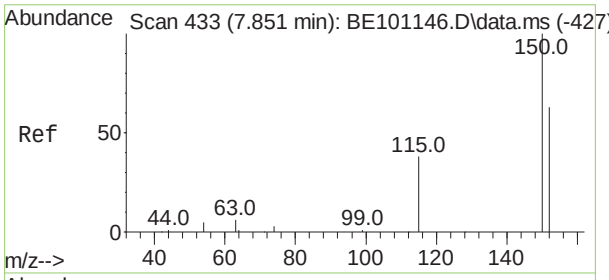


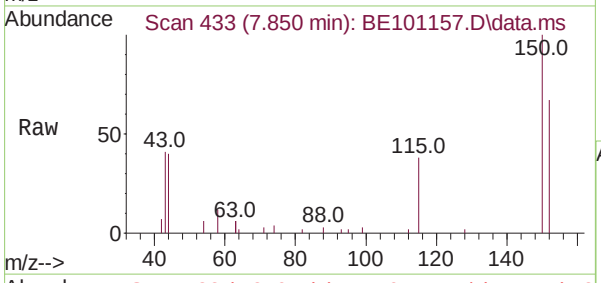
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

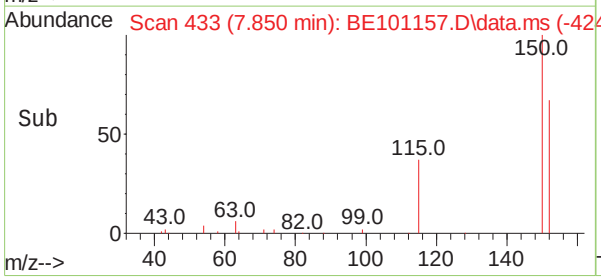


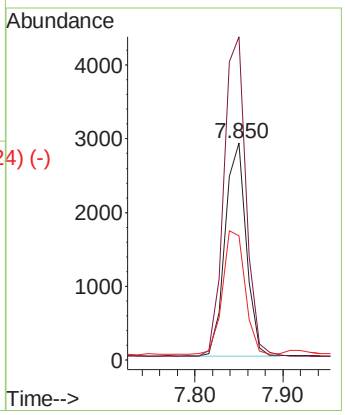
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.850 min Scan# 433
Delta R.T. -0.001 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

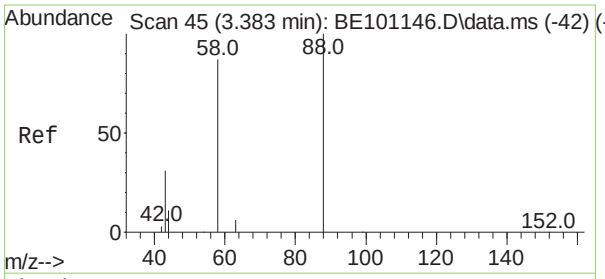
Tgt Ion:152 Resp: 4876

Ion	Ratio	Lower	Upper
152	100		
150	148.9	126.3	189.5
115	57.3	48.9	73.3





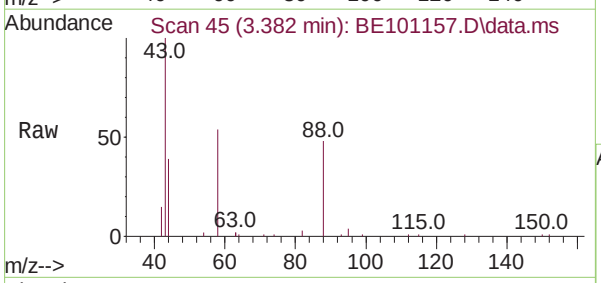


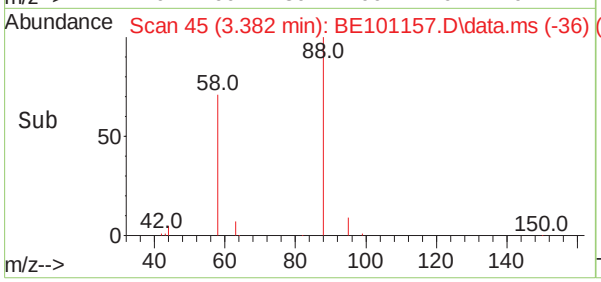


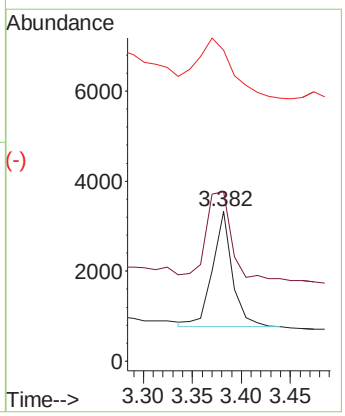
#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.382 min Scan# 45
Delta R.T. -0.001 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion: 88 Resp: 3592

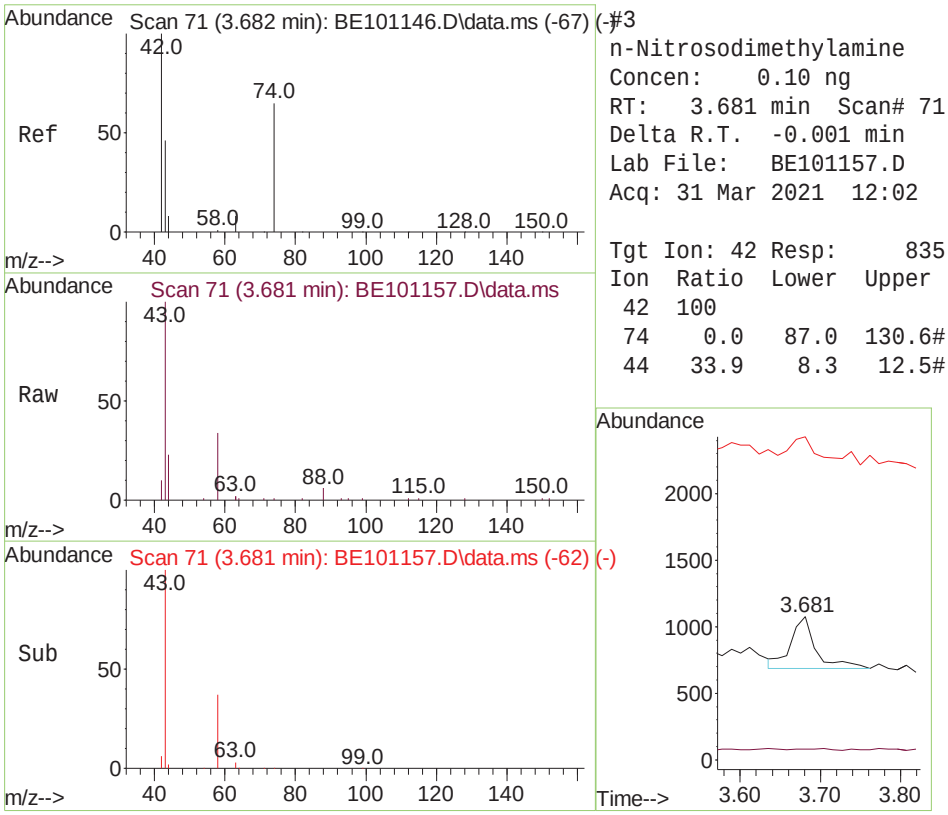
Ion	Ratio	Lower	Upper
88	100		
58	93.3	68.5	102.7
43	95.2	27.2	40.8#







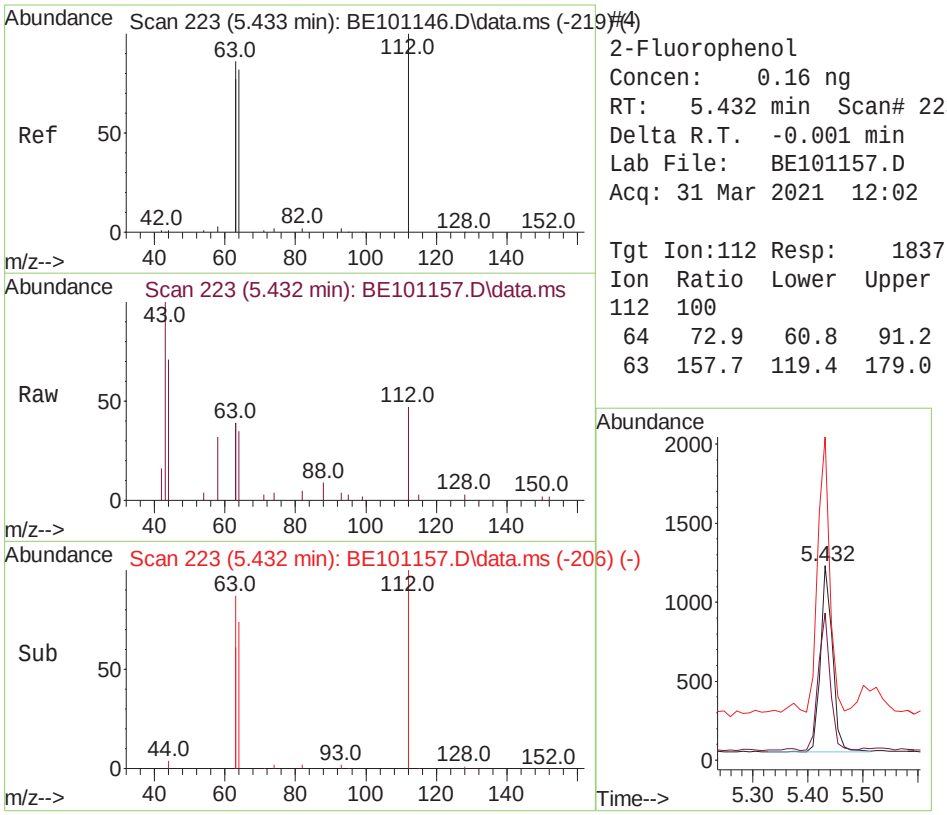
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921



#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.681 min Scan# 71
Delta R.T. -0.001 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion: 42 Resp: 835

Ion	Ratio	Lower	Upper
42	100		
74	0.0	87.0	130.6#
44	33.9	8.3	12.5#

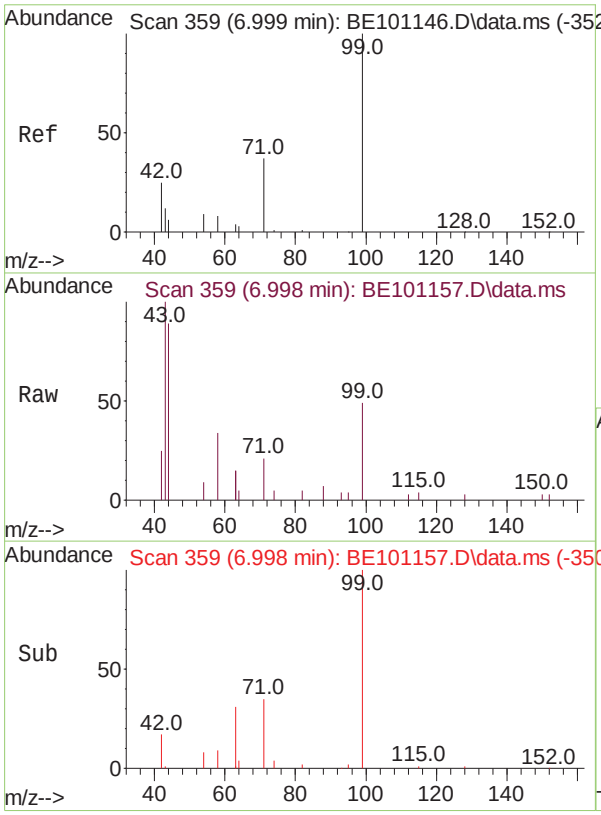


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:112 Resp: 1837

Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.8	91.2
63	157.7	119.4	179.0

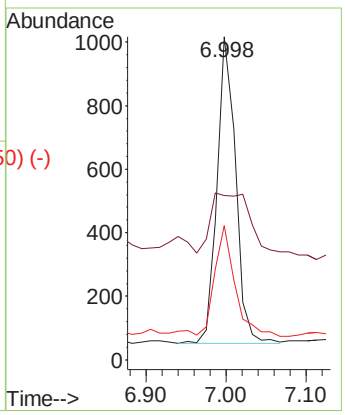
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

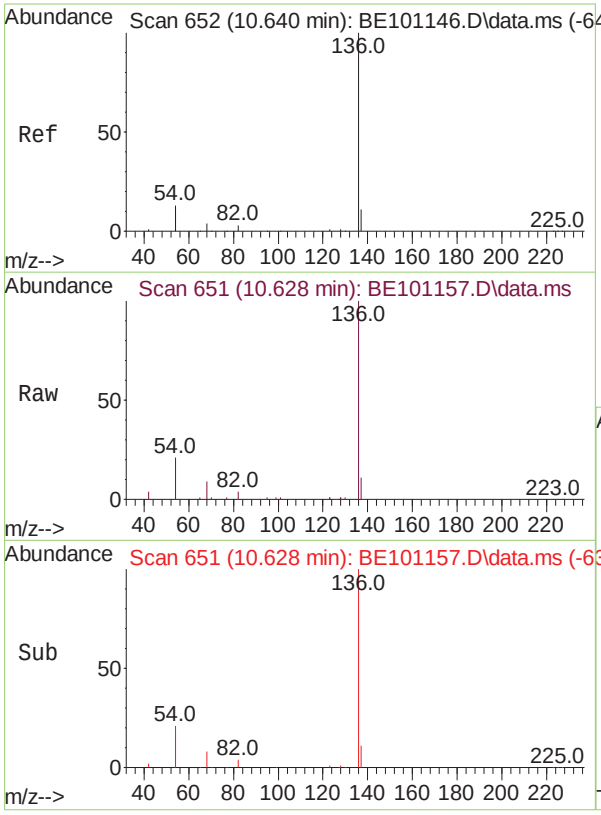


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion: 99 Resp: 1563

Ion	Ratio	Lower	Upper
99	100		
42	50.7	18.8	28.2#
71	41.3	26.3	39.5#

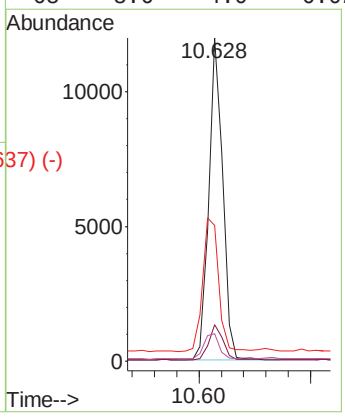


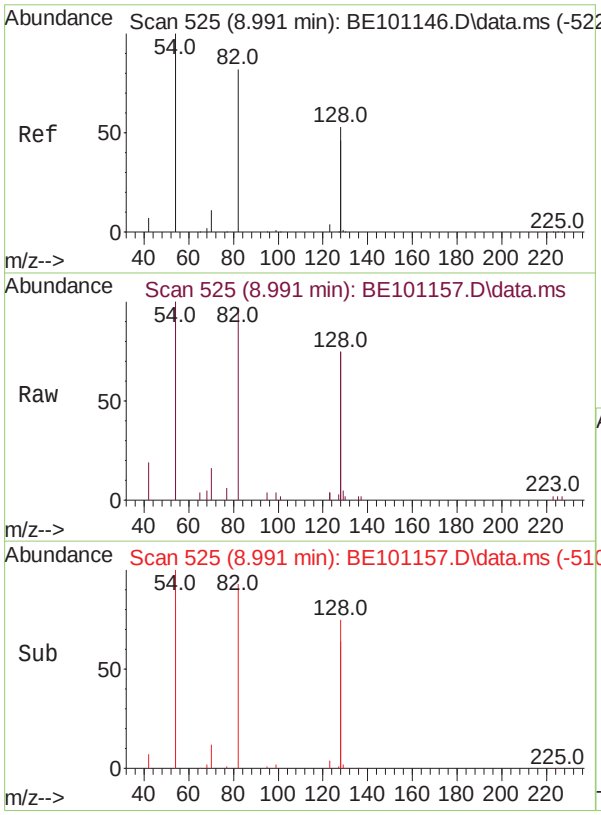


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:136 Resp: 20672

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	42.0	20.2	30.4#
68	8.6	4.0	6.0#

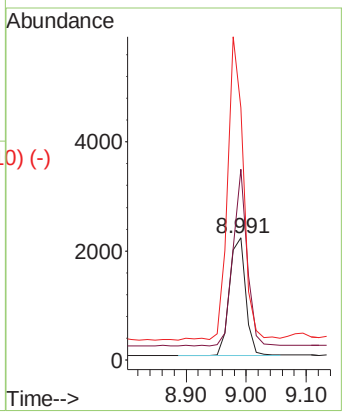




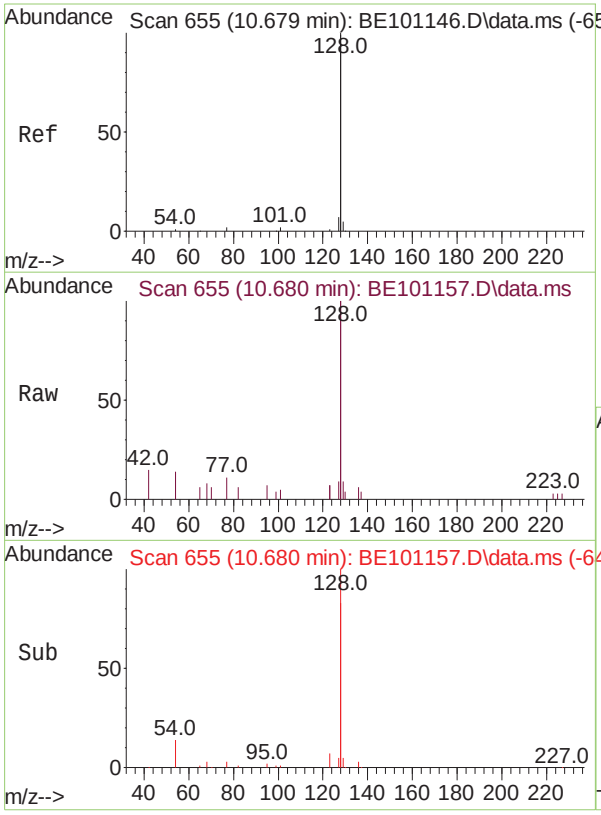
#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.991 min Scan# 525
Delta R.T. 0.000 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion: 82 Resp: 4085

Ion	Ratio	Lower	Upper
82	100		
128	155.6	101.5	152.3#
54	206.2	189.8	284.6



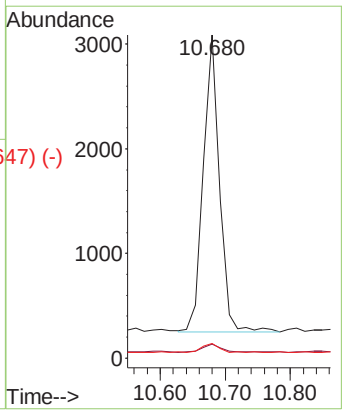
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

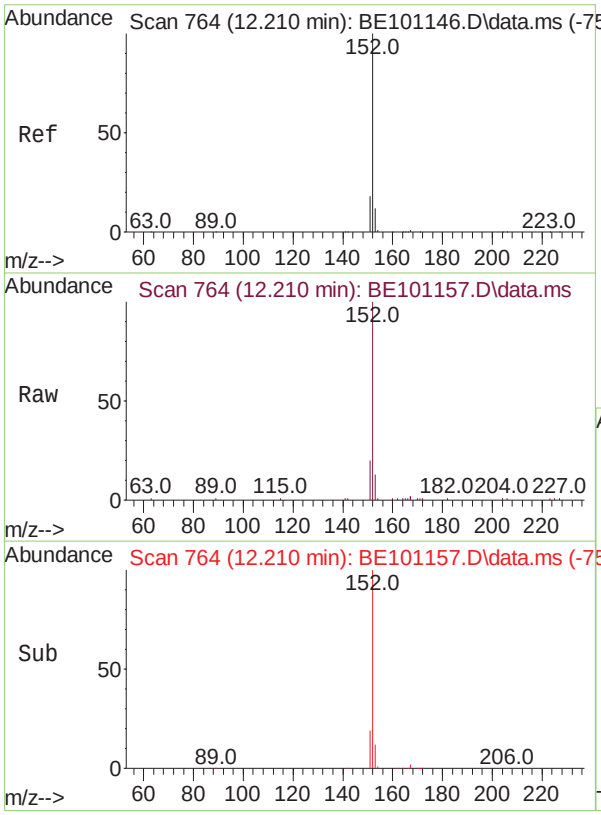


#9
Naphthalene
Concen: 0.02 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:128 Resp: 4947

Ion	Ratio	Lower	Upper
128	100		
129	4.3	2.2	3.2#
127	4.5	2.7	4.1#

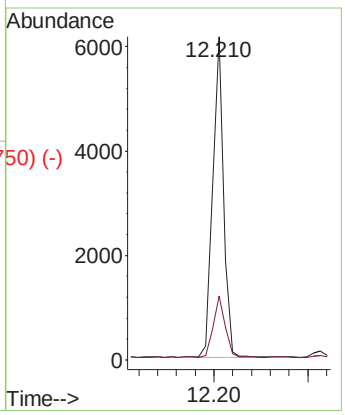




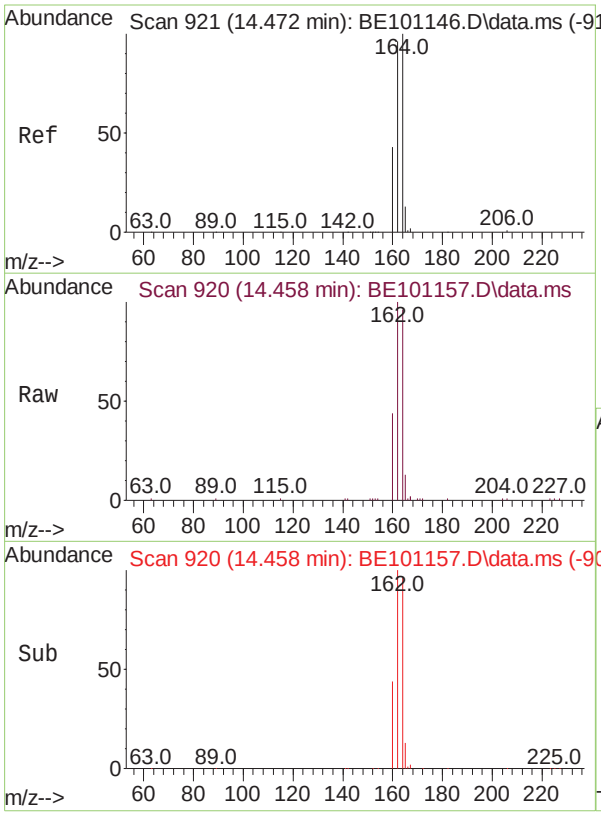
#11(1)
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:152 Resp: 9901

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8



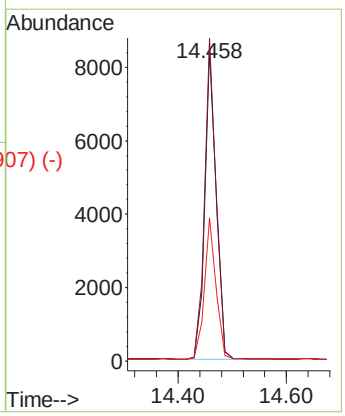
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921



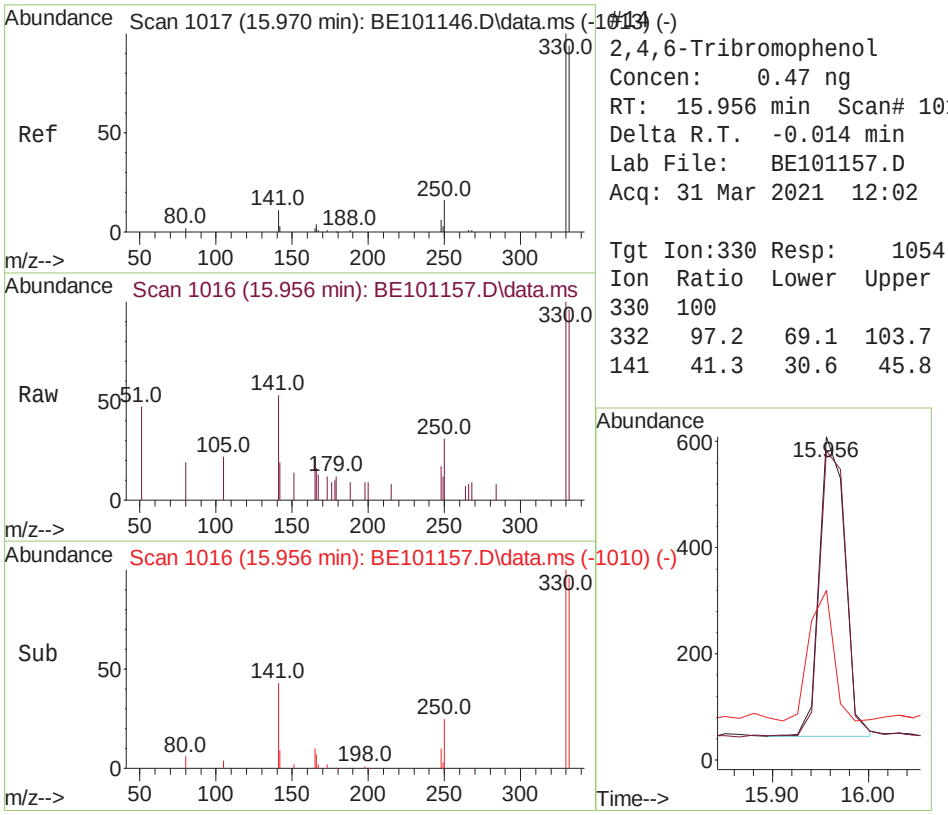
#12(2)
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:164 Resp: 12555

Ion	Ratio	Lower	Upper
164	100		
162	103.8	76.6	115.0
160	46.1	34.5	51.7



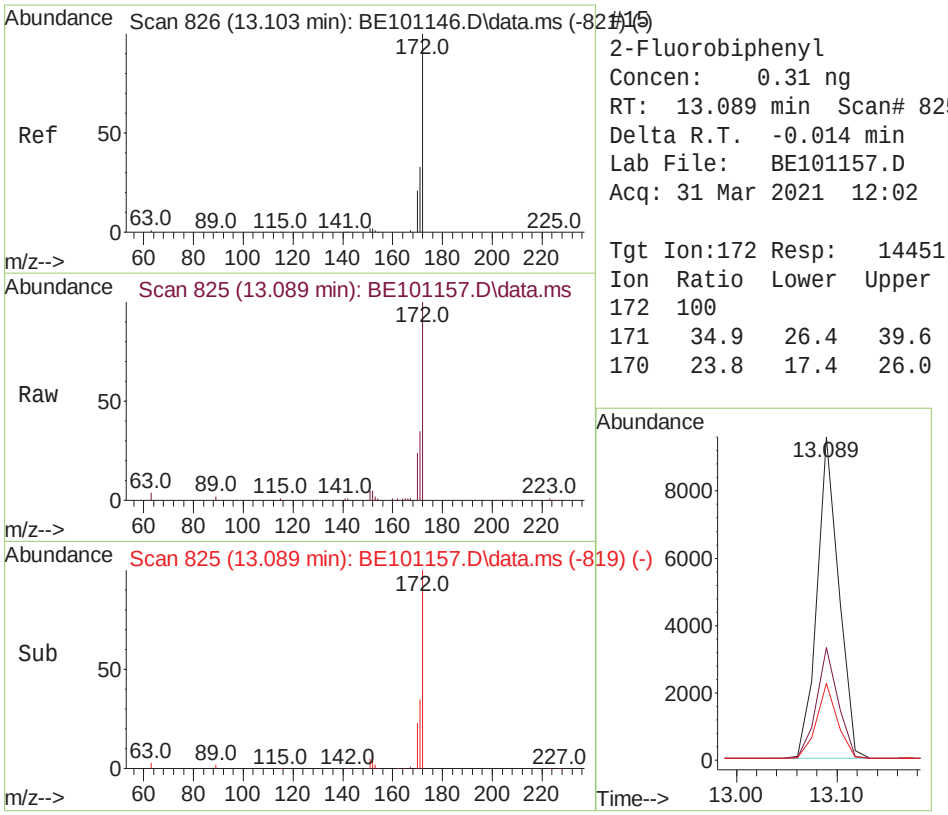
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921



#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:330 Resp: 1054

Ion	Ratio	Lower	Upper
330	100		
332	97.2	69.1	103.7
141	41.3	30.6	45.8

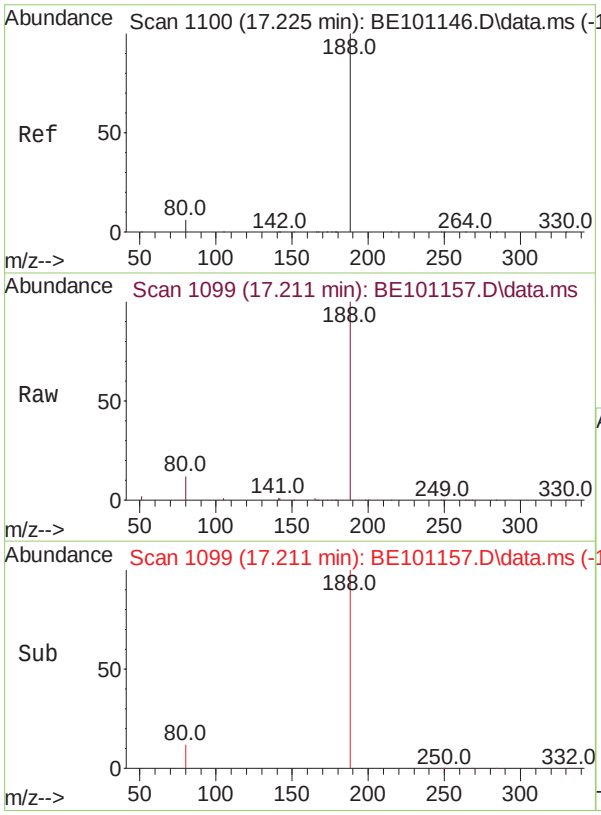


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:172 Resp: 14451

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.4	39.6
170	23.8	17.4	26.0

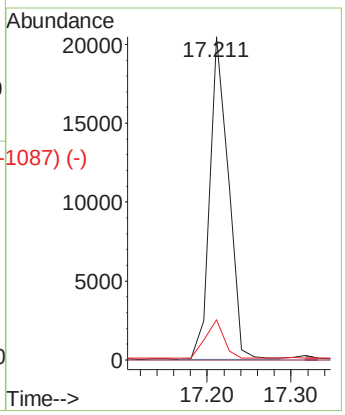
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

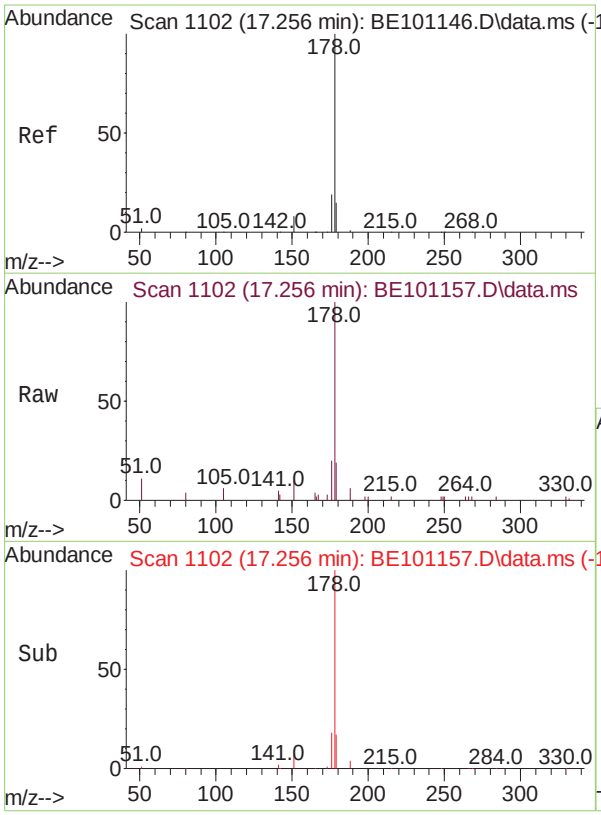


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:188 Resp: 31438

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	4.8	7.2#

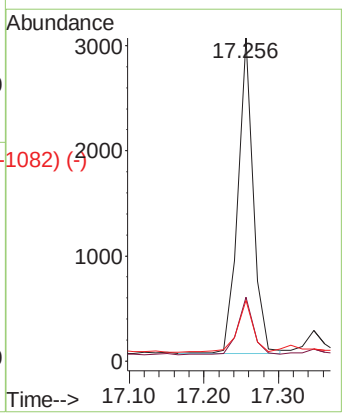




#25
Phenanthrene
Concen: 0.05 ng
RT: 17.256 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:178 Resp: 4253

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	17.1	12.4	18.6



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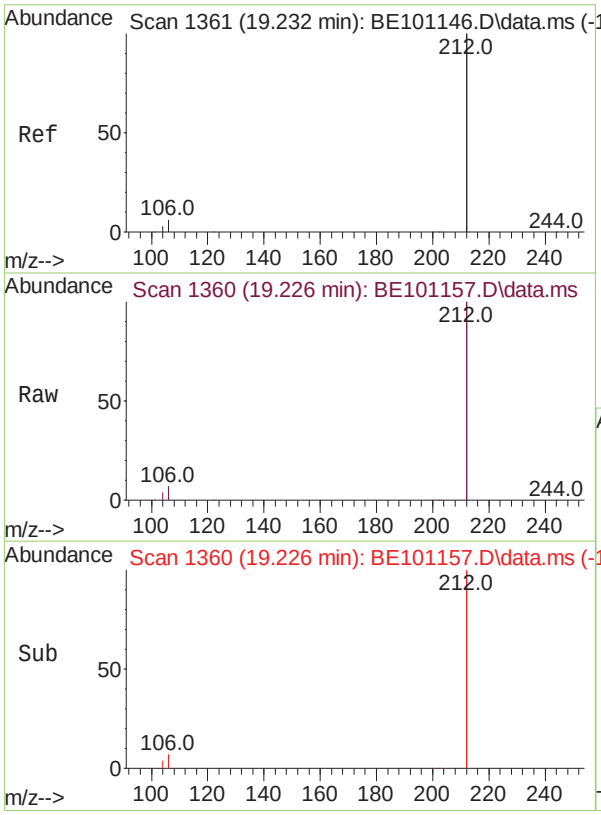
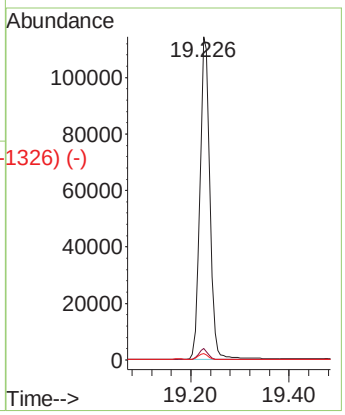
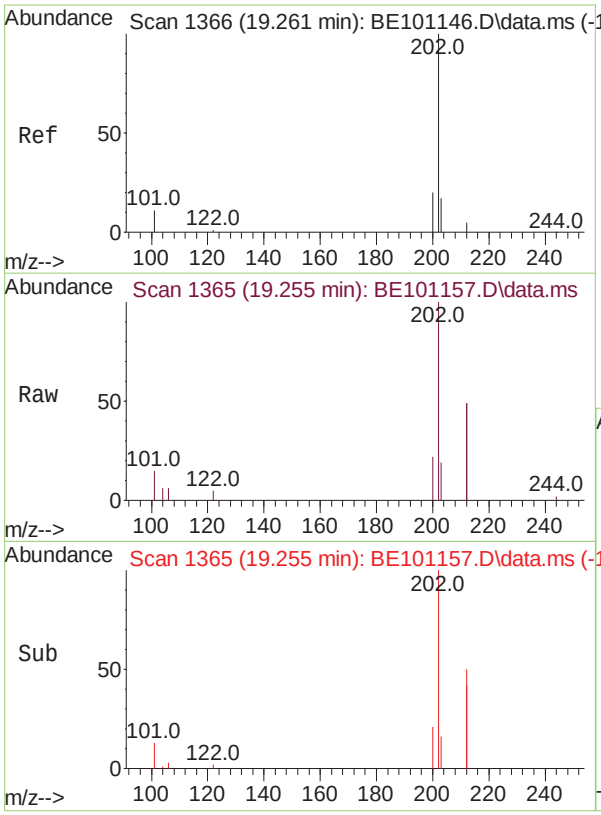


#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:212 Resp: 160836

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.9	1.4	2.2

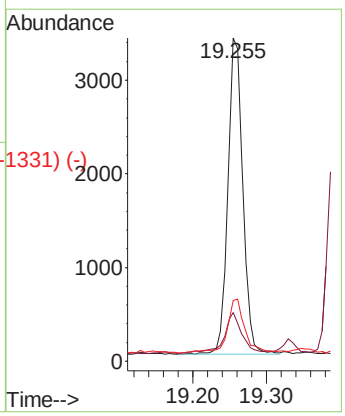




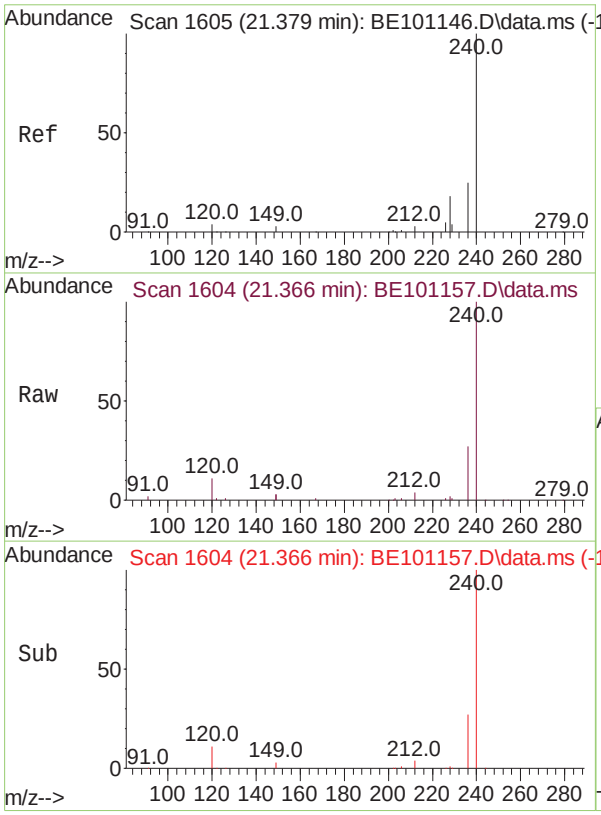
#28
Fluoranthene
Concen: 0.04 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:202 Resp: 4809

Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.9	13.3#
203	20.2	13.8	20.6



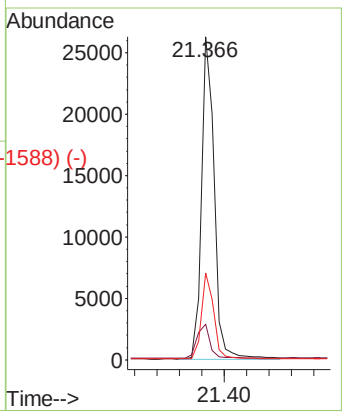
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

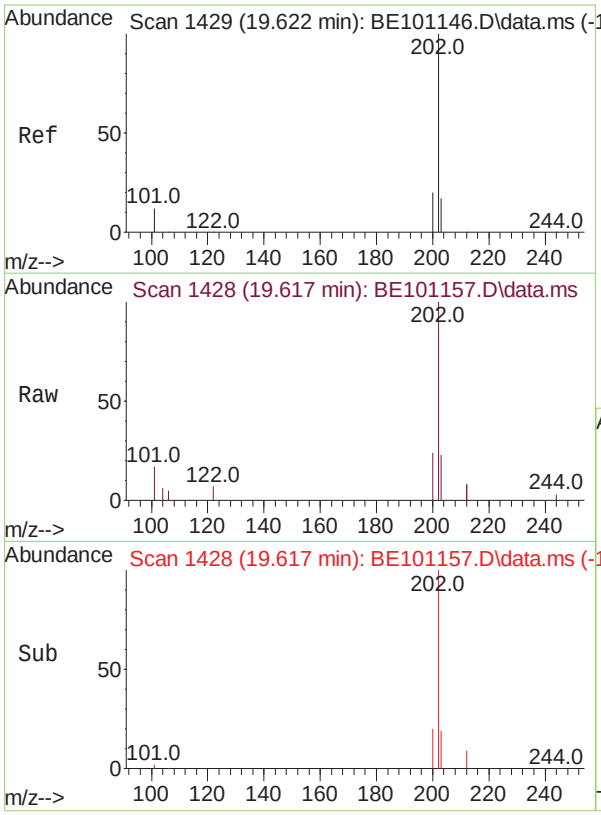


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:240 Resp: 41258

Ion	Ratio	Lower	Upper
240	100		
120	11.1	4.1	6.1#
236	26.8	20.3	30.5

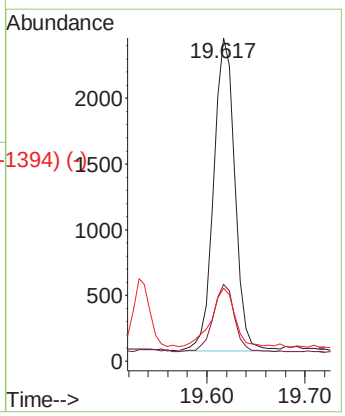




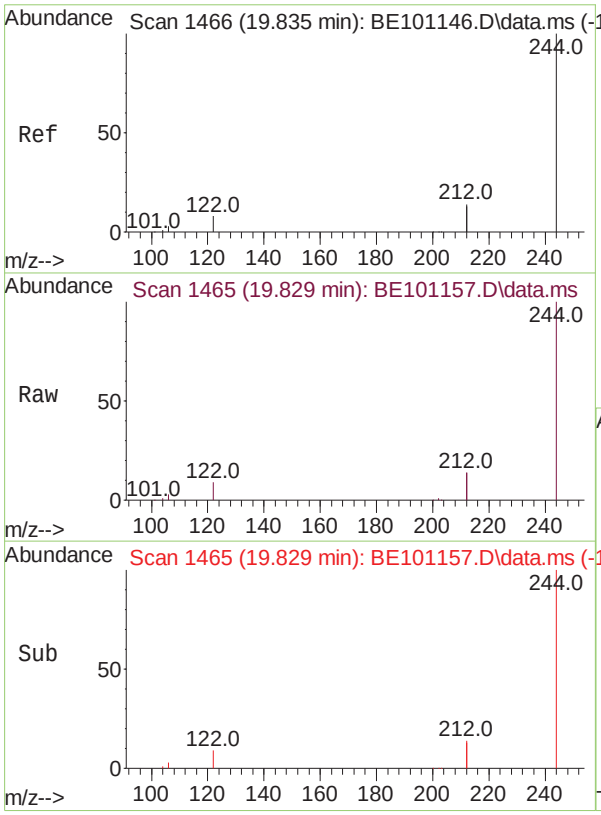
#30
Pyrene
Concen: 0.03 ng
RT: 19.617 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:202 Resp: 3573

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.2	24.2
203	20.3	13.9	20.9



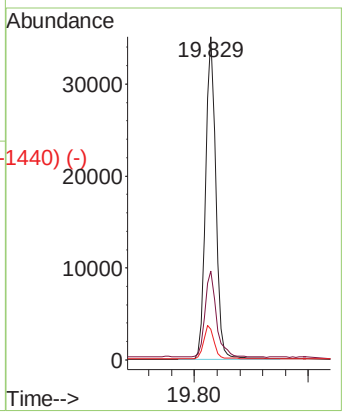
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

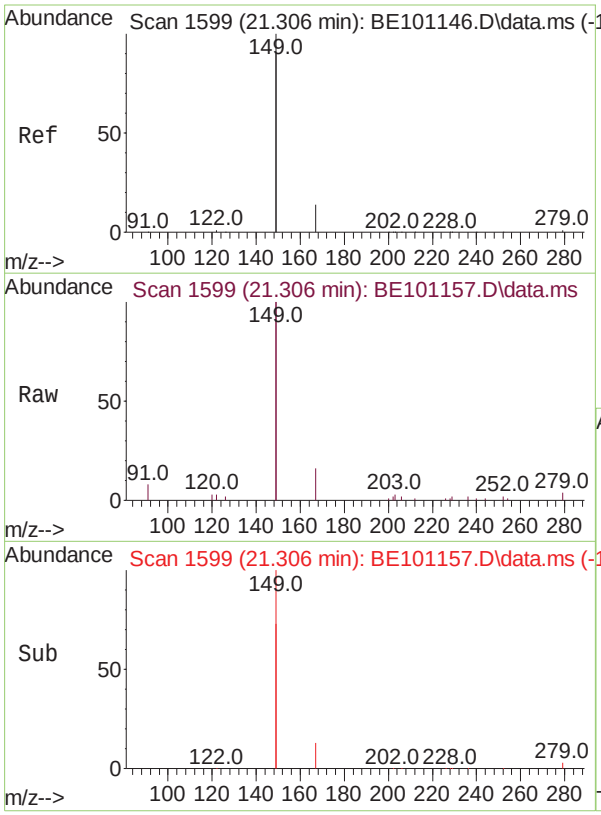


#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.829 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:244 Resp: 42894

Ion	Ratio	Lower	Upper
244	100		
212	27.5	21.7	32.5
122	9.4	6.6	10.0

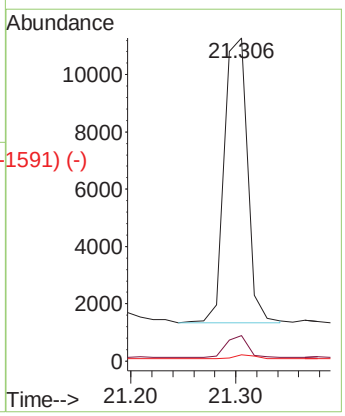




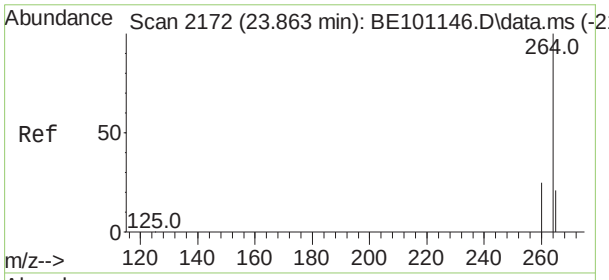
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.306 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:149 Resp: 15435

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.4	8.2
279	1.3	0.9	1.3



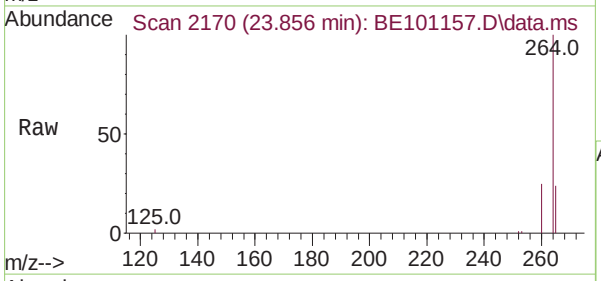
Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921

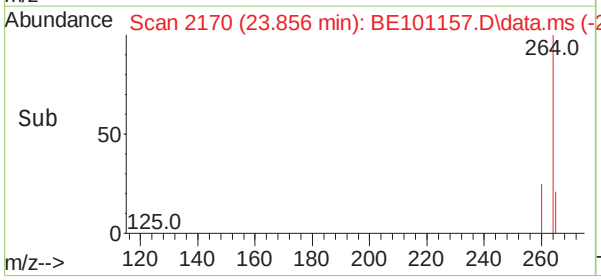


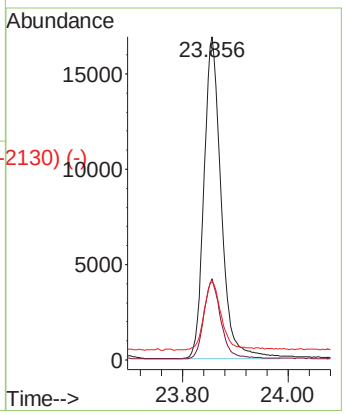
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.856 min Scan# 2170
Delta R.T. -0.007 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

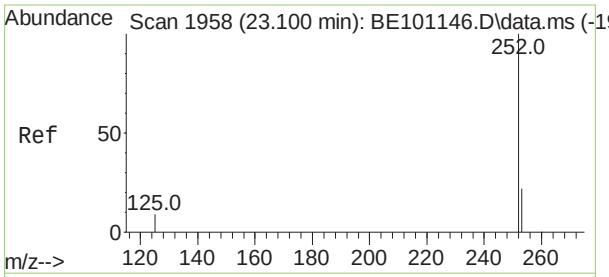
Tgt Ion:264 Resp: 38068

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.5	30.7
265	24.2	20.6	30.8





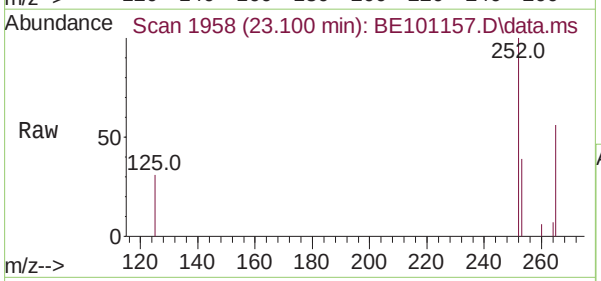


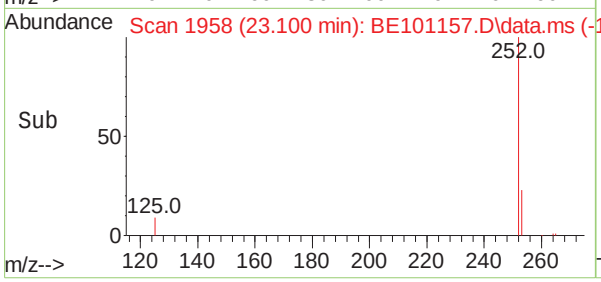


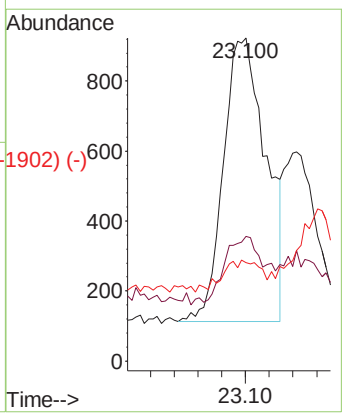
#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.100 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

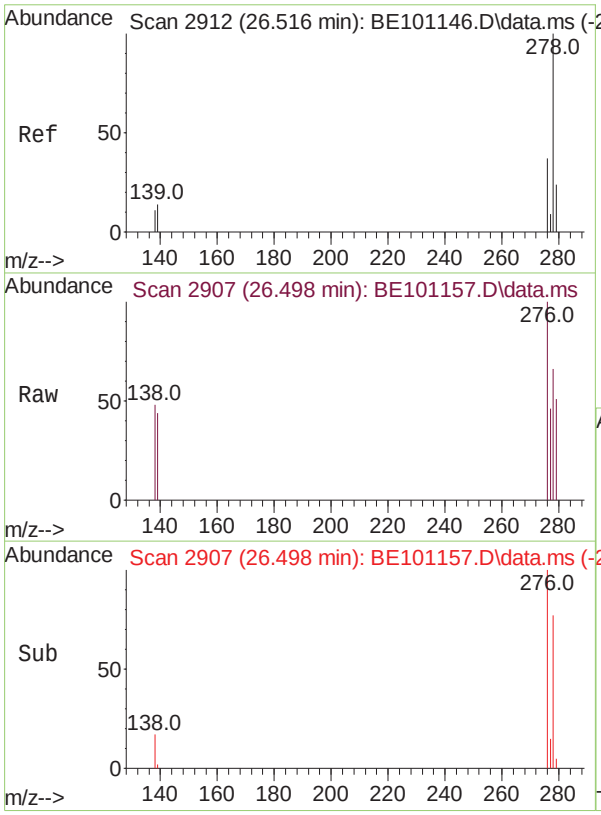
Tgt Ion:252 Resp: 2013

Ion	Ratio	Lower	Upper
252	100		
253	38.6	17.8	26.8#
125	30.6	7.5	11.3#





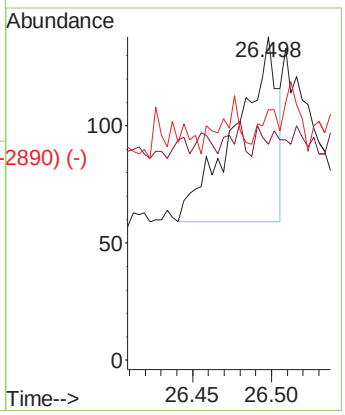




#40
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.498 min Scan# 2907
Delta R.T. -0.018 min
Lab File: BE101157.D
Acq: 31 Mar 2021 12:02

Tgt Ion:278 Resp: 146

Ion	Ratio	Lower	Upper
278	100		
139	66.7	12.0	18.0#
279	77.5	20.2	30.4#



Instrument :
BNA_E
ClientSampleId :
GWBR1-102-115-032921