Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101166.D
Acq On : 31 Mar 2021 17:36
Operator : CG/JU
Sample : M1843-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

Quant Time: Mar 31 18:19:25 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	7.851	152	4534	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	19520	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	12354	0.40	ng	-0.01
19) Phenanthrene-d10	17.211	188	30718	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	39166	0.40	ng	#-0.01
36) Perylene-d12	23.851	264	31238	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	1661	0.16	ng	0.00
5) Phenol-d6	6.998	99	1518	0.09	ng	0.00
8) Nitrobenzene-d5	8.990	82	4424	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9015	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1363	0.62	ng	-0.01
15) 2-Fluorobiphenyl	13.089	172	13236	0.29	ng	-0.01
27) Fluoranthene-d10	19.226	212	145871	0.38	ng	0.00
31) Terphenyl-d14	19.824	244	36217	0.41	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	855	0.12	ng	# 43
3) n-Nitrosodimethylamine	3.670	42	182	0.02	ng	# 15
25) Phenanthrene	17.256	178	2022	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.293	149	18141	0.27	ng	99
40) Dibenzo(a,h)anthracene	26.502	278	21	0.10	ng	# 1

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

Quantitation Report (Not Reviewed)

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Data File : BE101166.D
Acq On : 31 Mar 2021 17:36
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Sample : M1843-01
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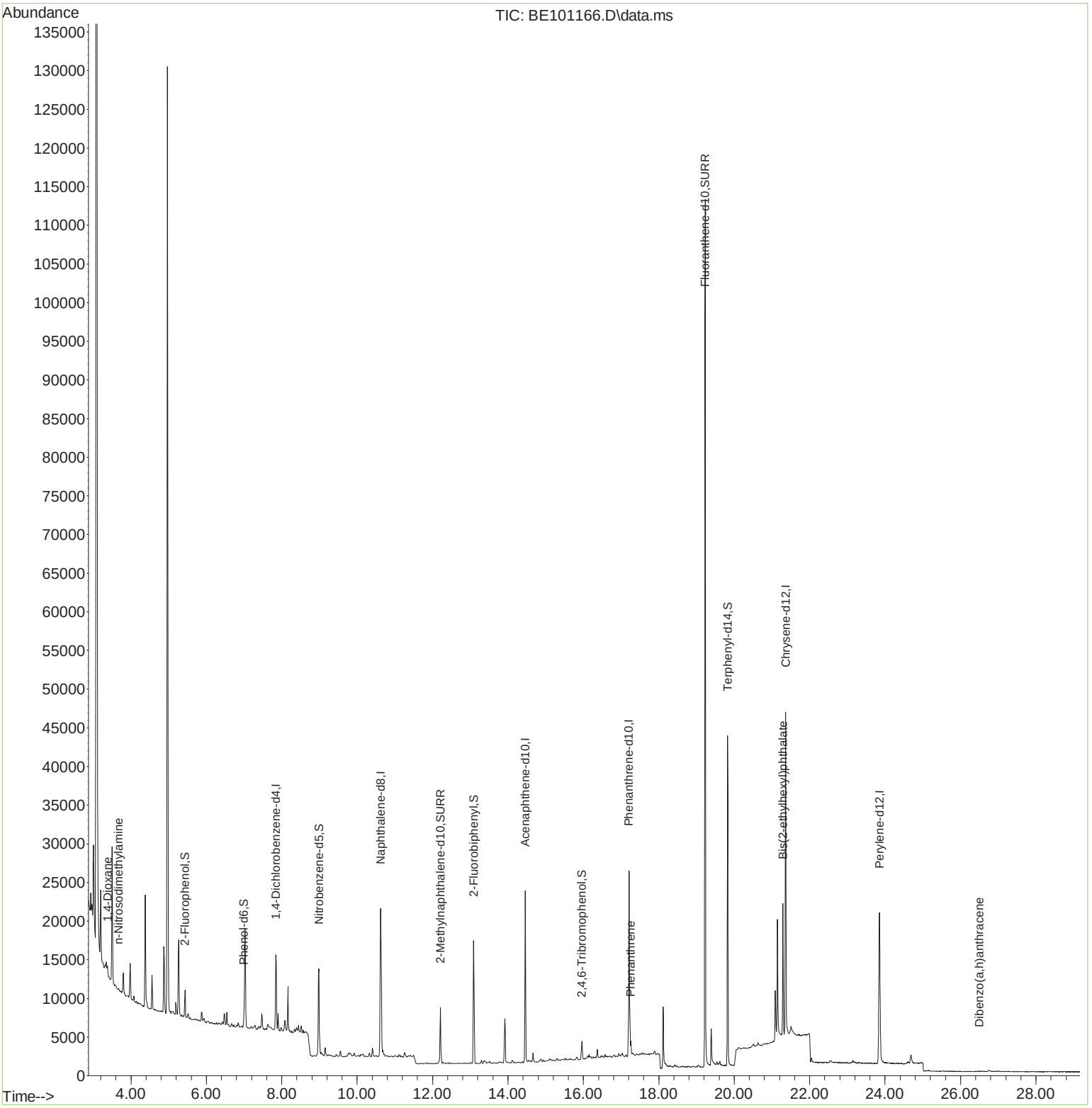
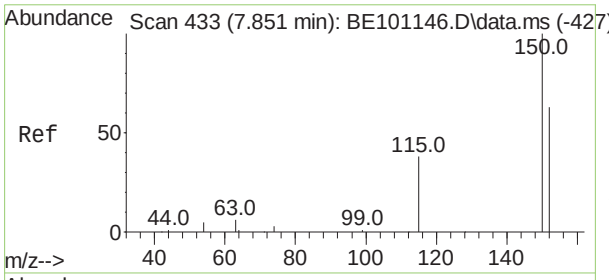
Response via : Initial Calibration



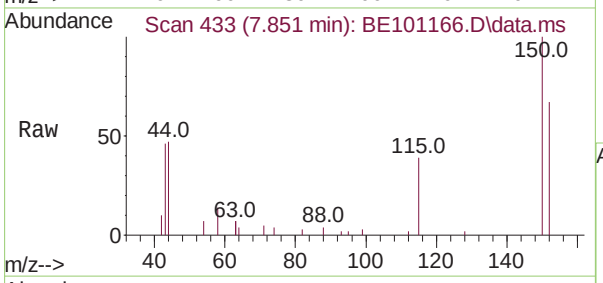
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

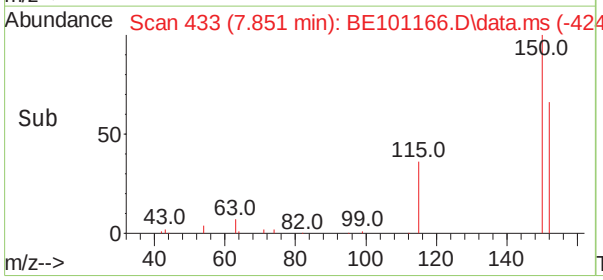


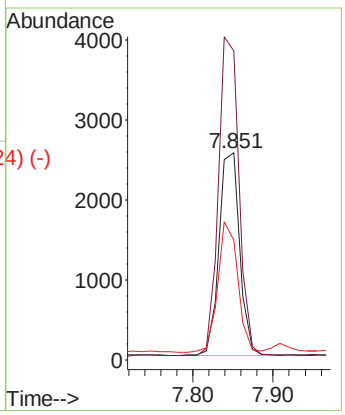
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.851 min Scan# 433
Delta R.T. -0.000 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

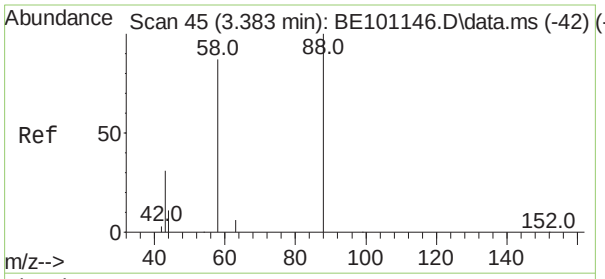
Tgt Ion:152 Resp: 4534

Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.3	189.5
115	57.8	48.9	73.3





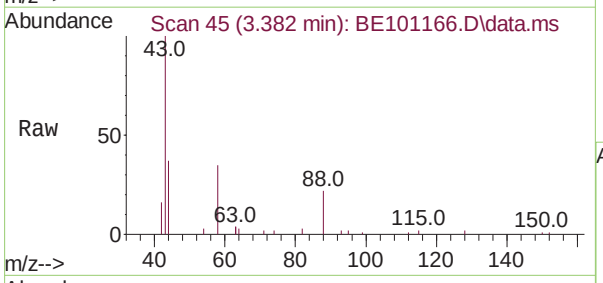


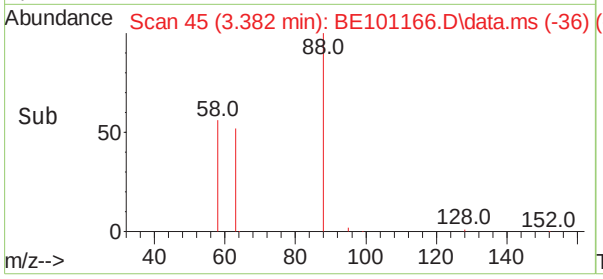


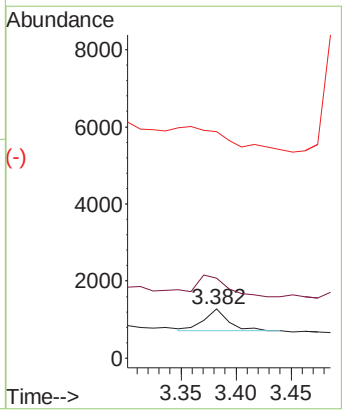
#2
1,4-Dioxane
Concen: 0.12 ng
RT: 3.382 min Scan# 45
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion: 88 Resp: 855

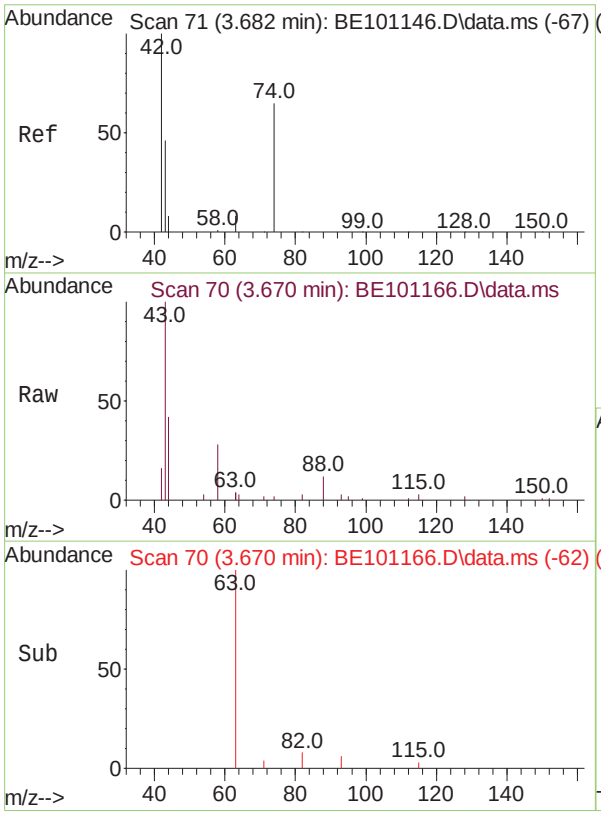
Ion	Ratio	Lower	Upper
88	100		
58	137.4	68.5	102.7#
43	0.0	27.2	40.8#







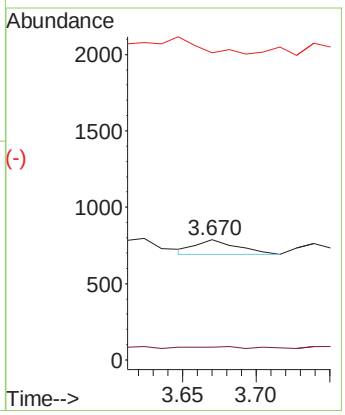
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

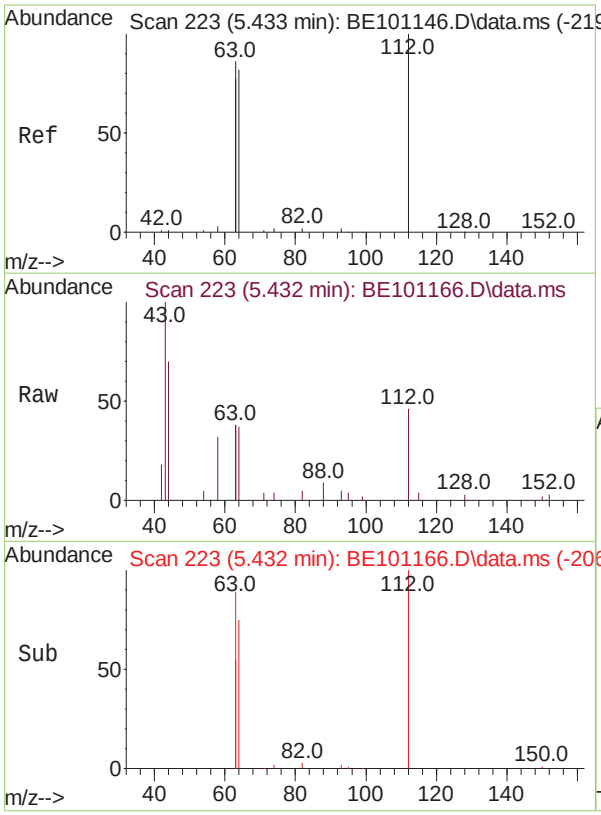


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.670 min Scan# 70
Delta R.T. -0.012 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion: 42 Resp: 182

Ion	Ratio	Lower	Upper
42	100		
74	13.7	87.0	130.6#
44	0.0	8.3	12.5#

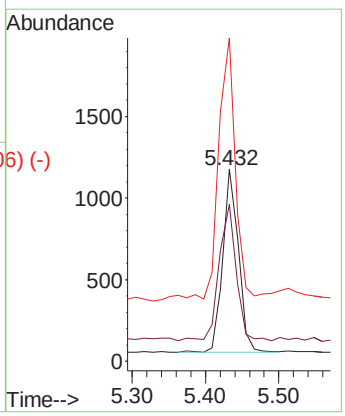




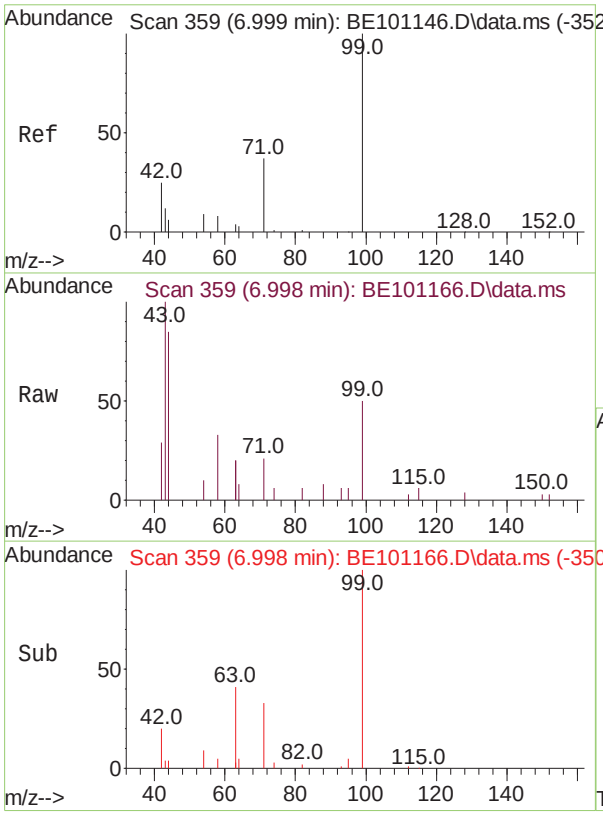
#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.432 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:112 Resp: 1661

Ion	Ratio	Lower	Upper
112	100		
64	80.6	60.8	91.2
63	149.8	119.4	179.0



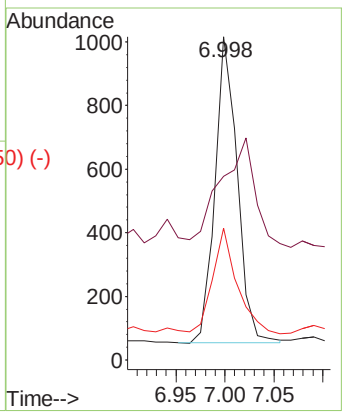
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

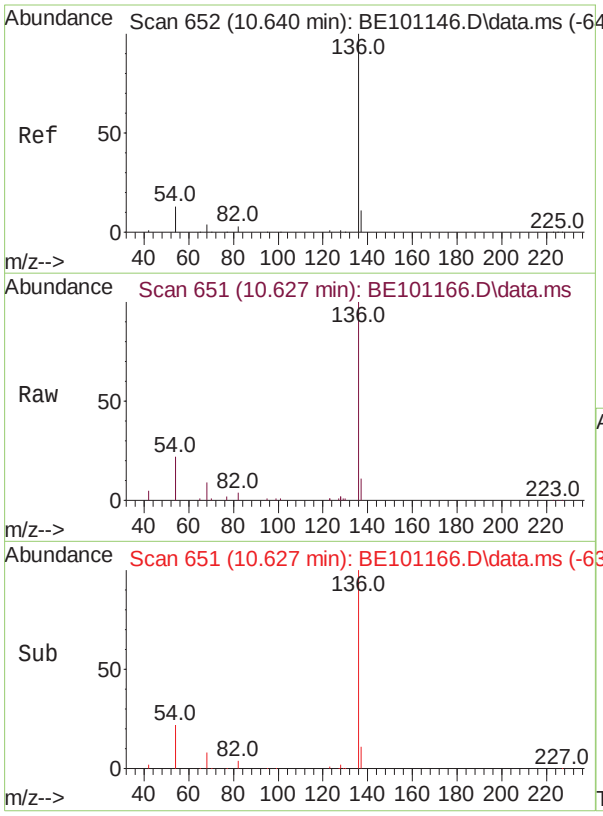


#5
Phenol-d6
Concen: 0.09 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion: 99 Resp: 1518

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.8	28.2#
71	37.9	26.3	39.5

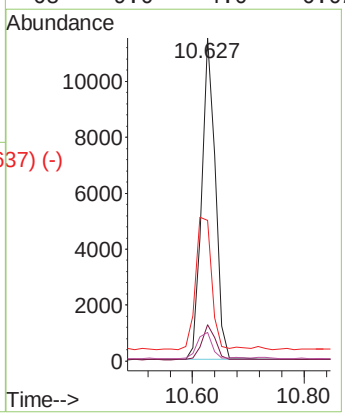




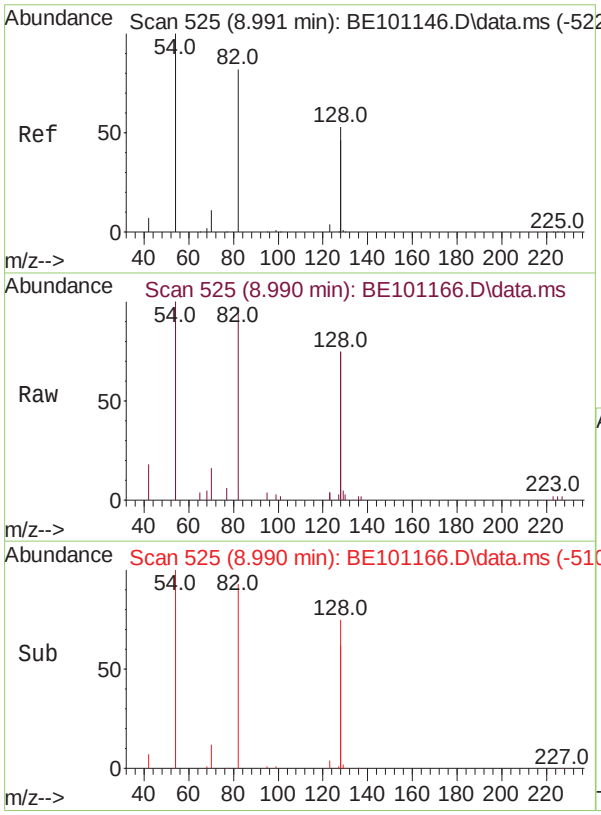
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:136 Resp: 19520

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	43.5	20.2	30.4#
68	9.0	4.0	6.0#



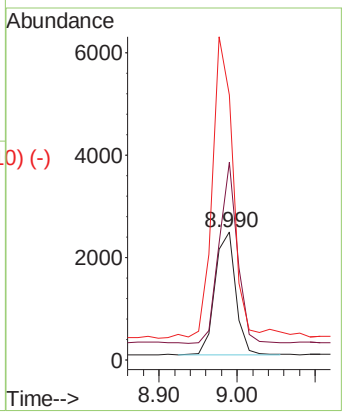
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

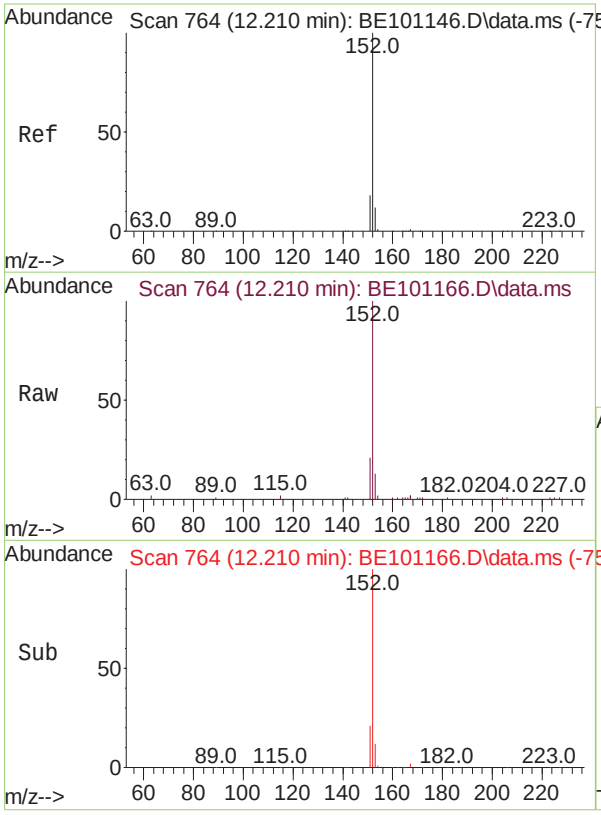


#(8)
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.001 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion: 82 Resp: 4424

Ion	Ratio	Lower	Upper
82	100		
128	154.4	101.5	152.3#
54	206.8	189.8	284.6

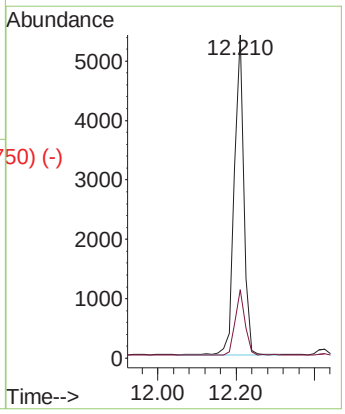




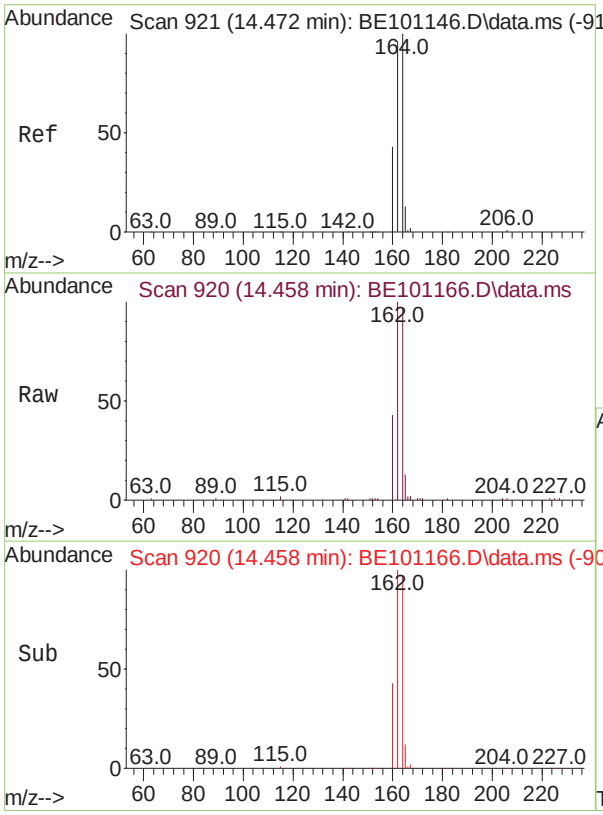
#(1)
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:152 Resp: 9015

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.6	24.8



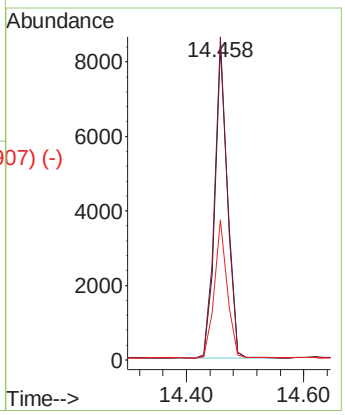
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

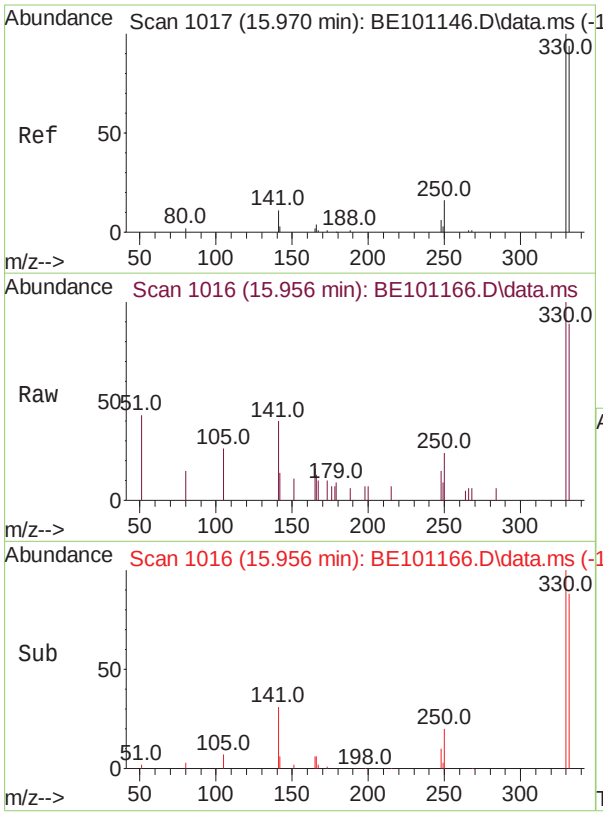


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:164 Resp: 12354

Ion	Ratio	Lower	Upper
164	100		
162	103.1	76.6	115.0
160	44.8	34.5	51.7

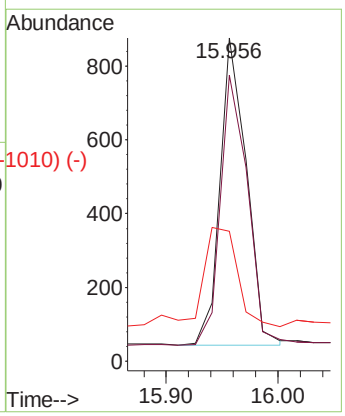




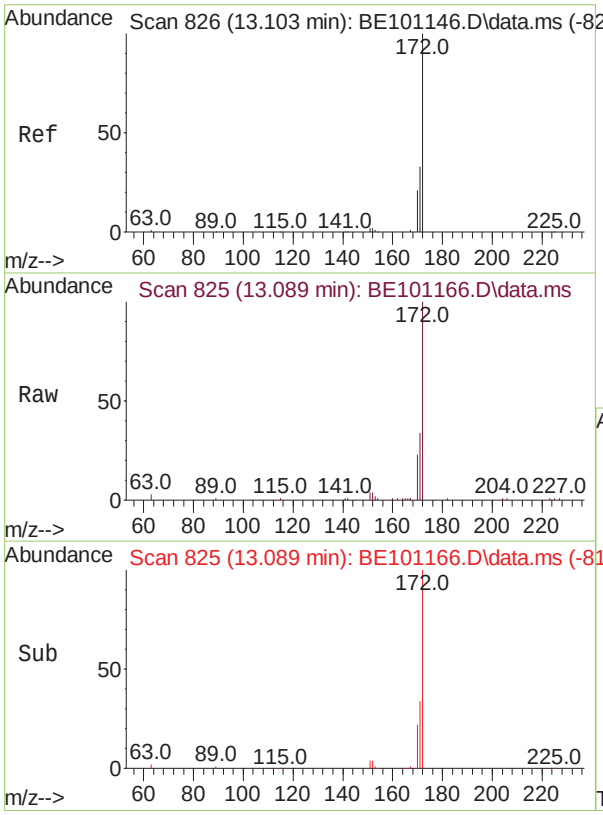
#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:330 Resp: 1363

Ion	Ratio	Lower	Upper
330	100		
332	90.0	69.1	103.7
141	43.2	30.6	45.8



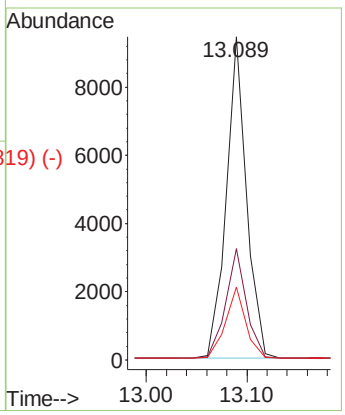
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

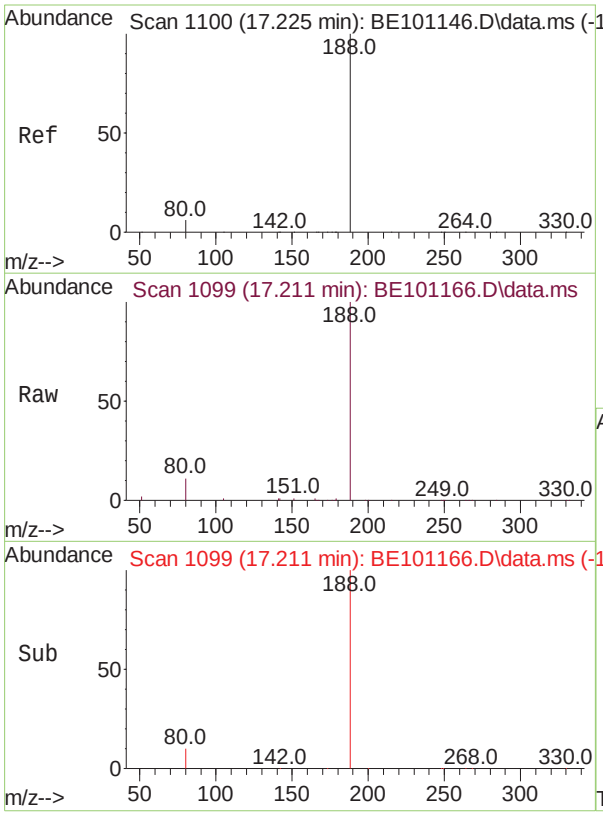


#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:172 Resp: 13236

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.4	39.6
170	22.6	17.4	26.0

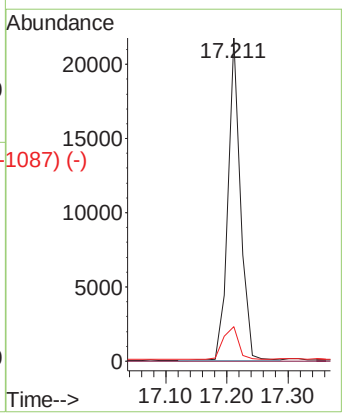




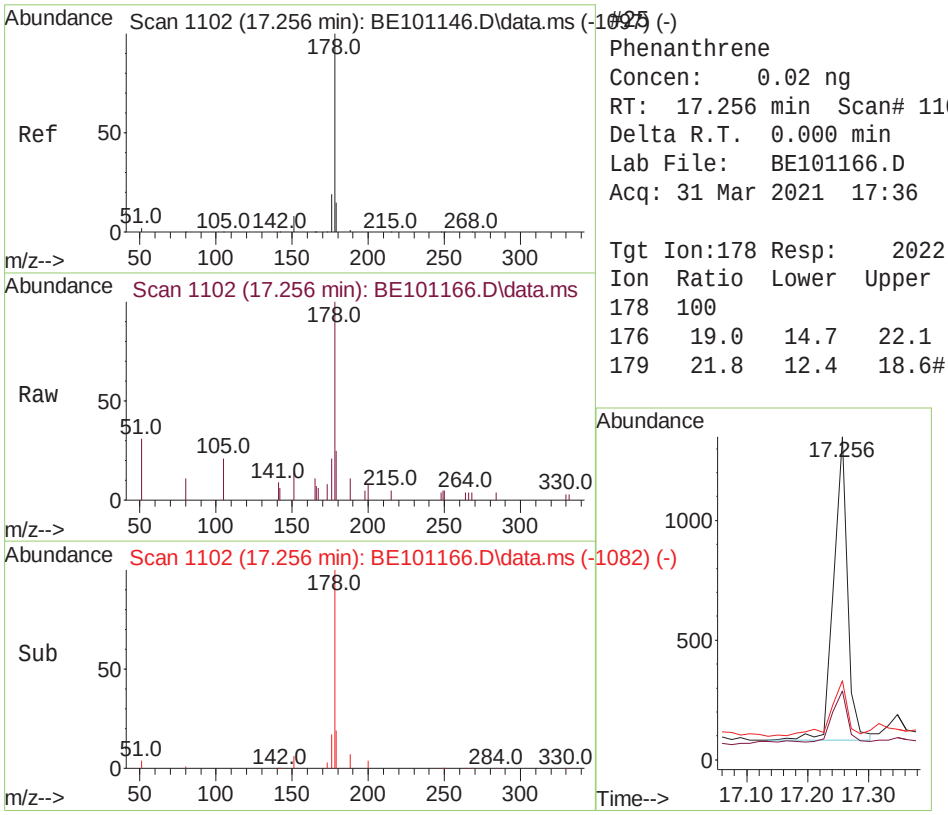
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:188 Resp: 30718

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	4.8	7.2#



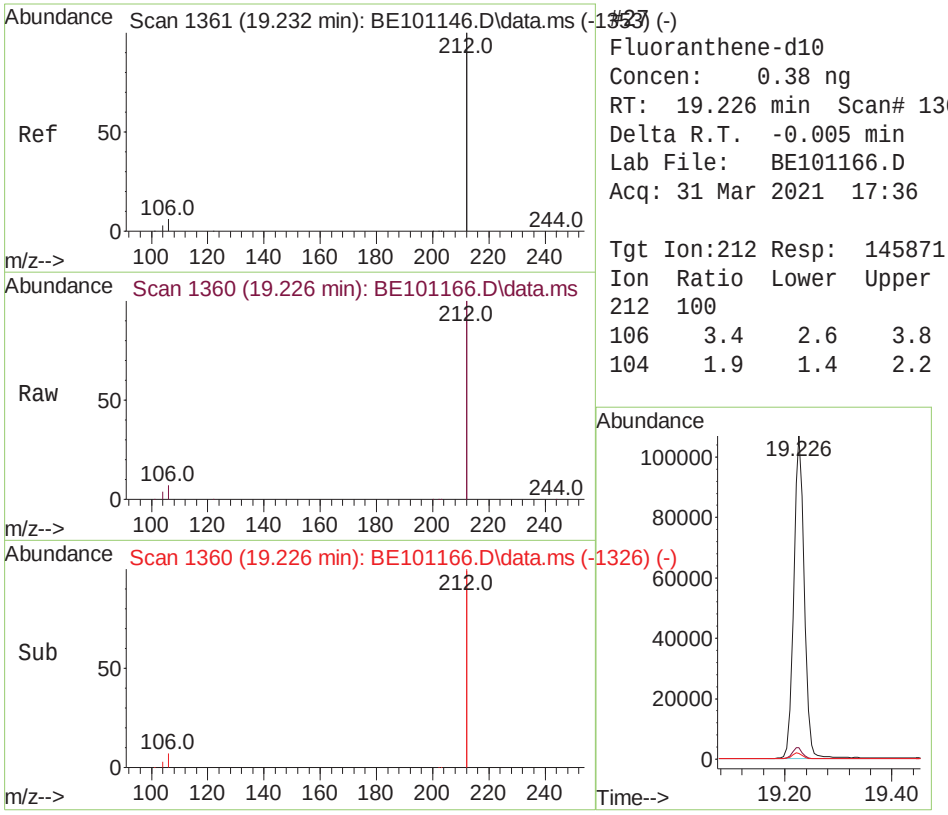
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324



#25
Phenanthrene
Concen: 0.02 ng
RT: 17.256 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:178 Resp: 2022

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	21.8	12.4	18.6#

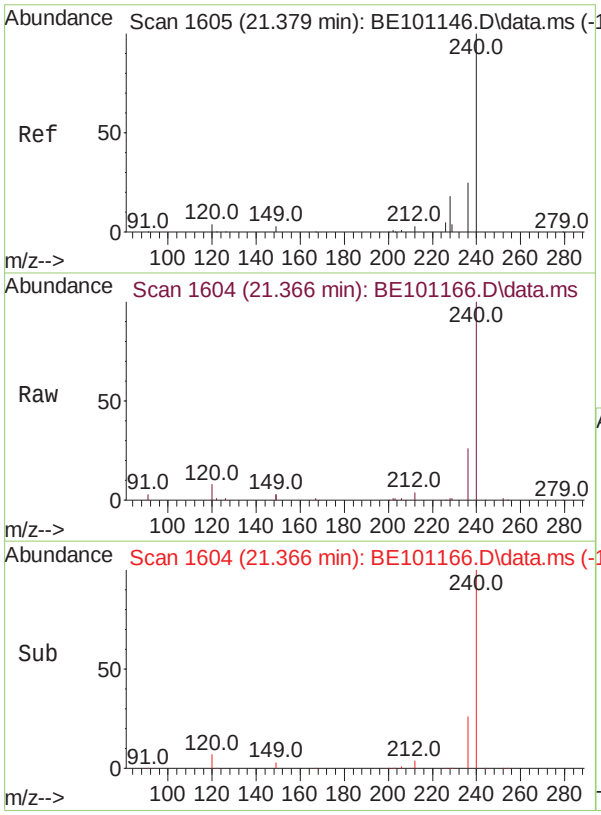


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:212 Resp: 145871

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2

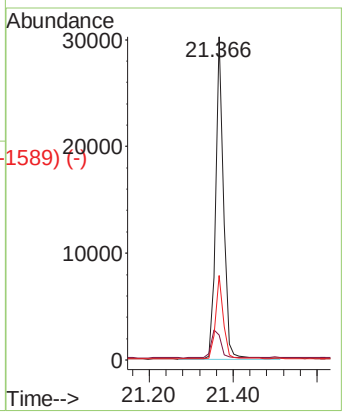
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324

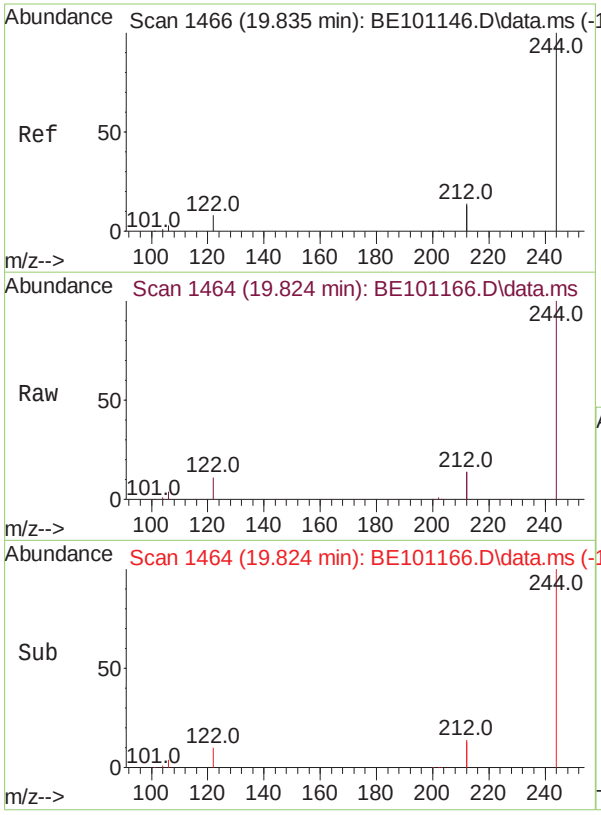


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:240 Resp: 39166

Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.1	6.1#
236	26.2	20.3	30.5

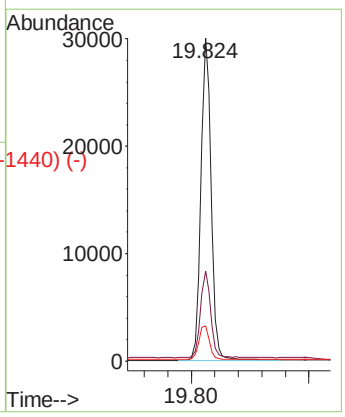




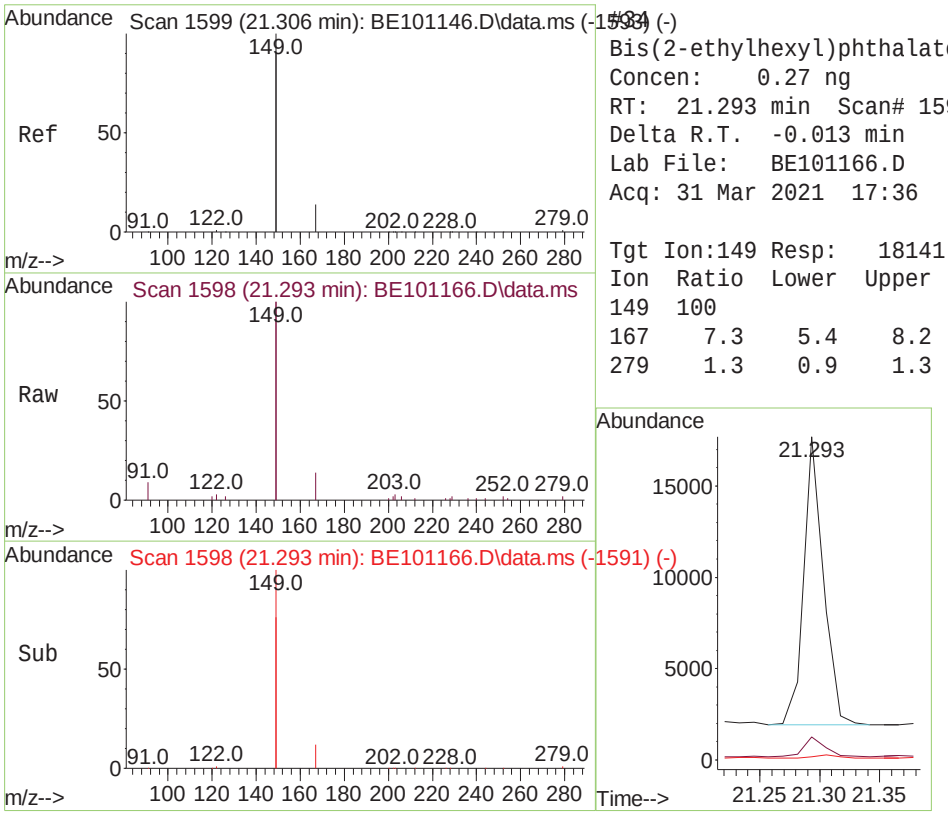
#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.824 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:244 Resp: 36217

Ion	Ratio	Lower	Upper
244	100		
212	28.0	21.7	32.5
122	10.9	6.6	10.0#



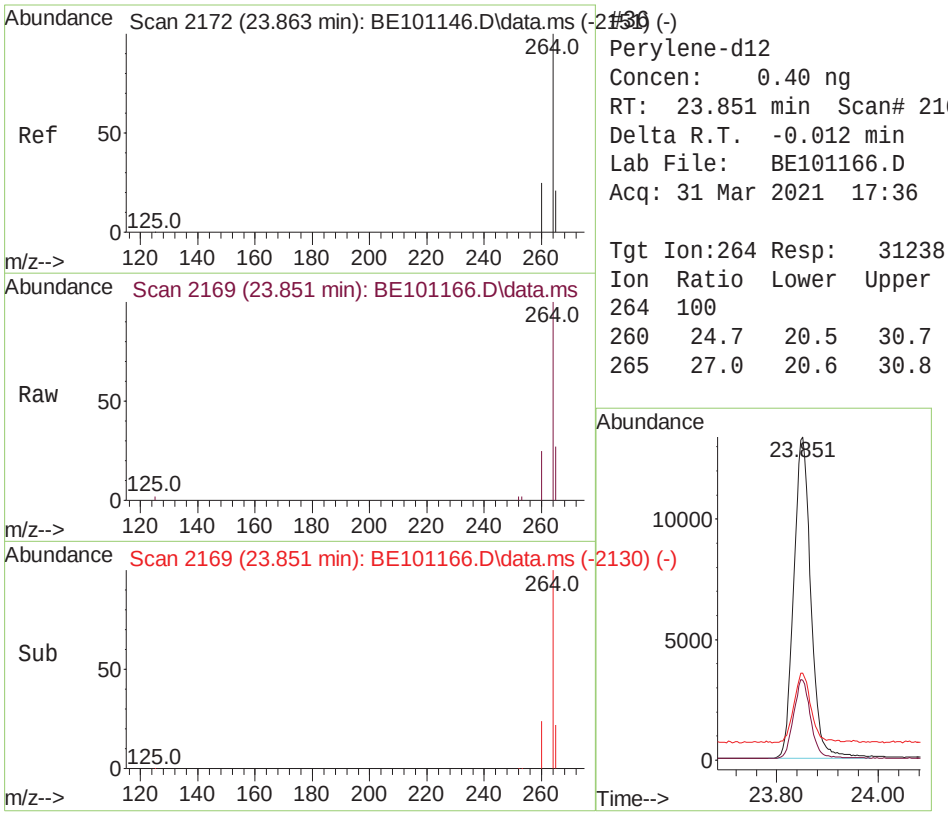
Instrument :
BNA_E
ClientSampleId :
MW178I-20210324



Bis(2-ethylhexyl)phthalate
Concen: 0.27 ng
RT: 21.293 min Scan# 1598
Delta R.T. -0.013 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:149 Resp: 18141

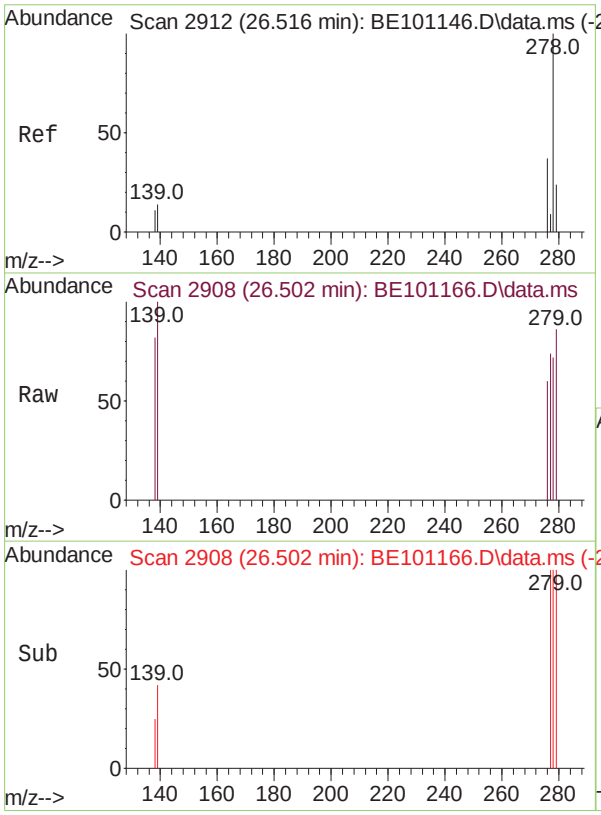
Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.4	8.2
279	1.3	0.9	1.3



Perylene-d12
Concen: 0.40 ng
RT: 23.851 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:264 Resp: 31238

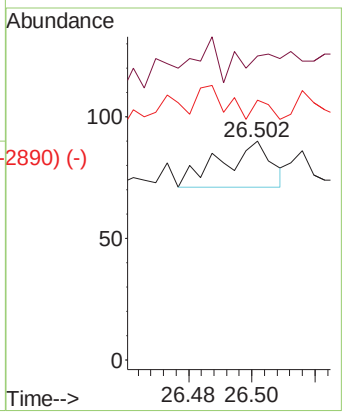
Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	27.0	20.6	30.8



#40
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.502 min Scan# 2908
Delta R.T. -0.014 min
Lab File: BE101166.D
Acq: 31 Mar 2021 17:36

Tgt Ion:278 Resp: 21

Ion	Ratio	Lower	Upper
278	100		
139	138.9	12.0	18.0#
279	118.9	20.2	30.4#



Instrument :
BNA_E
ClientSampleId :
MW178I-20210324