Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
Data File : BE101162.D
Acq On : 31 Mar 2021 15:07
Operator : CG/JU
Sample : M1835-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ASR7

Quant Time: Mar 31 16:00:44 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	7.853	152	4816	0.40	ng	0.00
7) Naphthalene-d8	10.628	136	21639	0.40	ng	#-0.01
13) Acenaphthene-d10	14.458	164	24116	0.40	ng	#-0.01
19) Phenanthrene-d10	17.211	188	34319	0.40	ng	#-0.01
29) Chrysene-d12	21.366	240	40394	0.40	ng	#-0.01
36) Perylene-d12	23.852	264	38233	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.446	112	8099	0.71	ng	0.01
5) Phenol-d6	7.000	99	2919	0.17	ng	0.00
8) Nitrobenzene-d5	9.056	82	119903	9.29	ng	0.07
11) 2-Methylnaphthalene-d10	12.211	152	12476	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.956	330	1577	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.090	172	16494	0.18	ng	-0.01
27) Fluoranthene-d10	19.226	212	169414	0.39	ng	0.00
31) Terphenyl-d14	19.830	244	41284	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	669	0.09	ng	# 16
3) n-Nitrosodimethylamine	3.683	42	9573	1.17	ng	# 2
6) bis(2-Chloroethyl)ether	7.242	93	22630	1.53	ng	# 1
9) Naphthalene	10.680	128	22963816	104.21	ng	# 96
12) 2-Methylnaphthalene	12.283	142	607779	16.04	ng	99
17) Acenaphthene	14.516	154	4575	0.07	ng	# 58
18) Fluorene	15.517	166	9888	0.11	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.563	198	100	0.06	ng	# 1
24) Pentachlorophenol	16.863	266	91	0.02	ng	# 60
25) Phenanthrene	17.256	178	11182	0.12	ng	# 85
26) Anthracene	17.347	178	2540	0.03	ng	# 64
28) Fluoranthene	19.255	202	7475	0.06	ng	# 76
30) Pyrene	19.617	202	7650	0.06	ng	# 89
32) Benzo(a)anthracene	21.354	228	2893	0.03	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.294	149	53062	0.78	ng	100
40) Dibenzo(a,h)anthracene	26.487	278	170	0.10	ng	# 1

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

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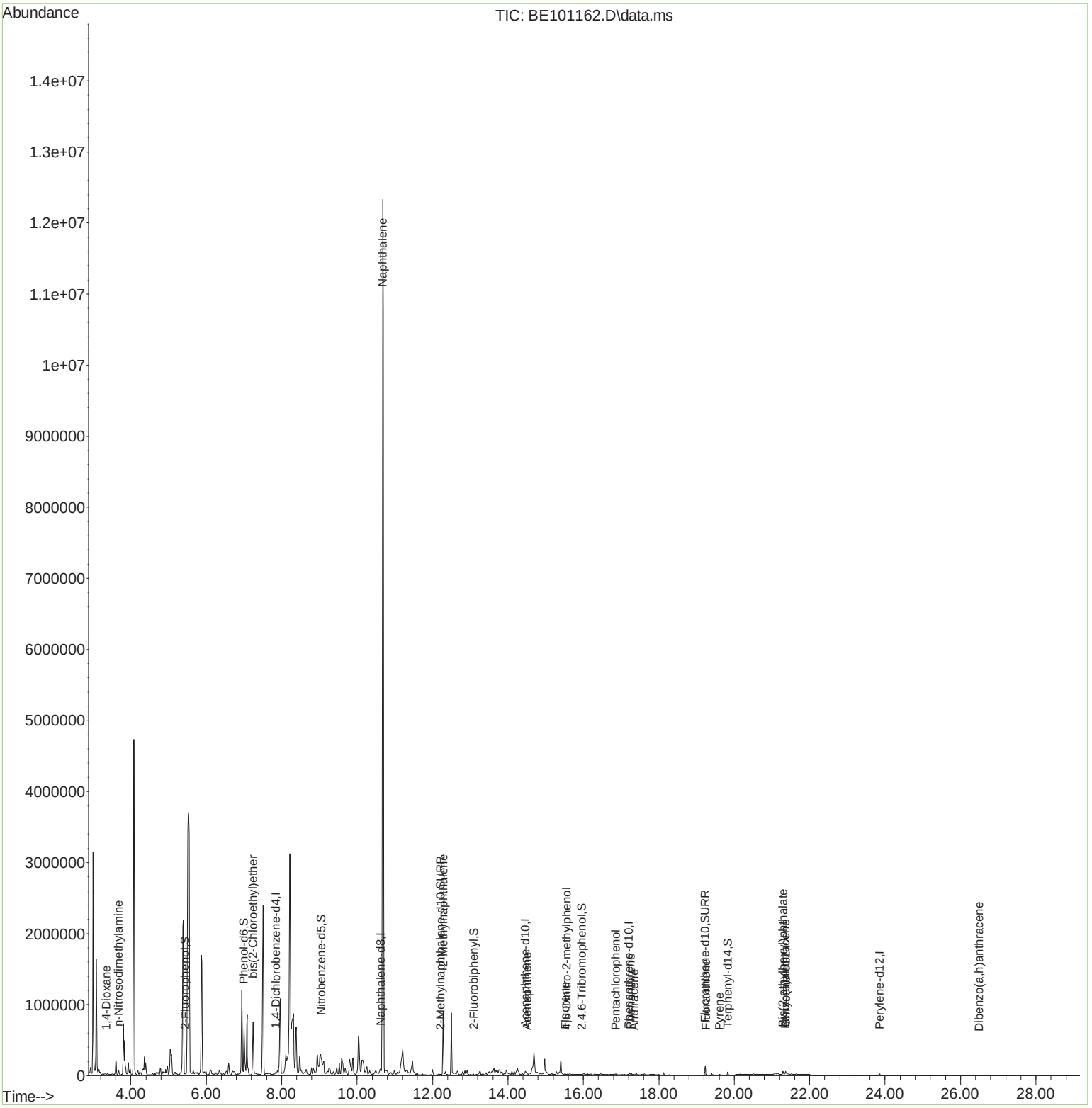

Instrument :
BNA_E
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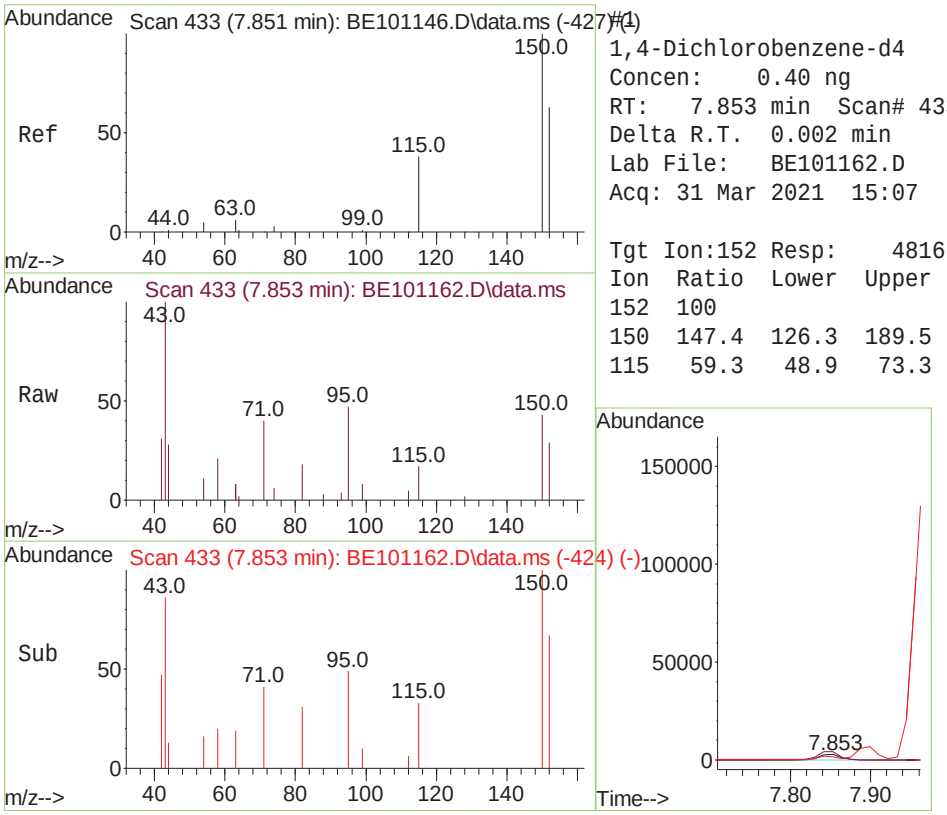
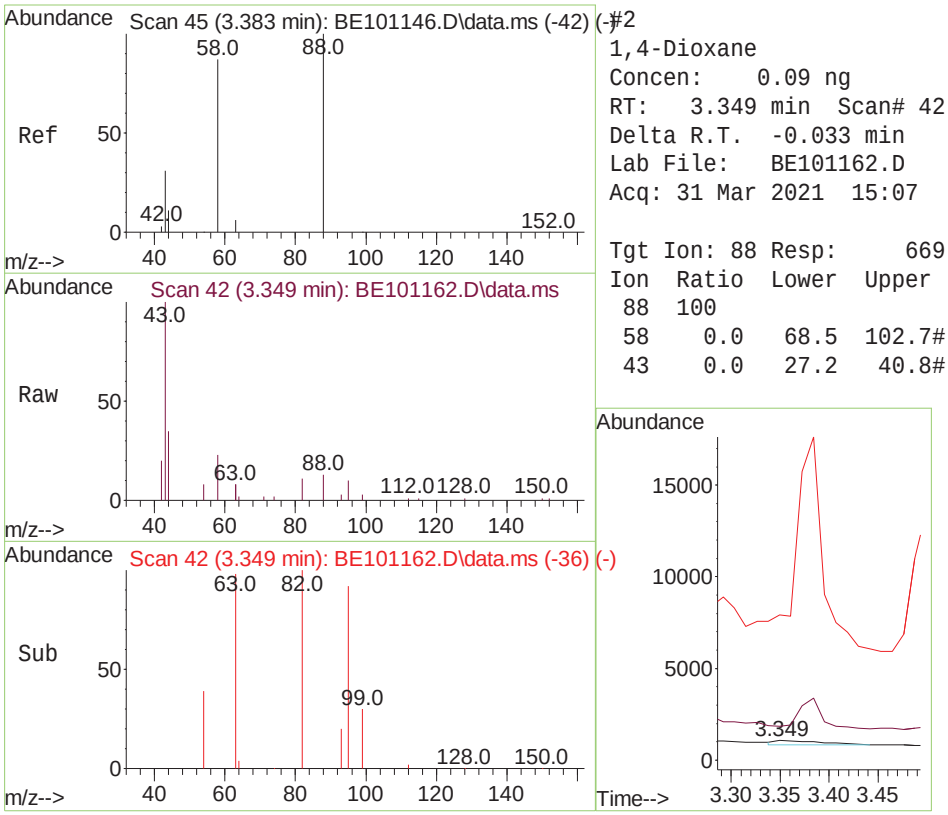


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.853 min Scan# 433
Delta R.T. 0.002 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:152 Resp: 4816

Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.3	189.5
115	59.3	48.9	73.3

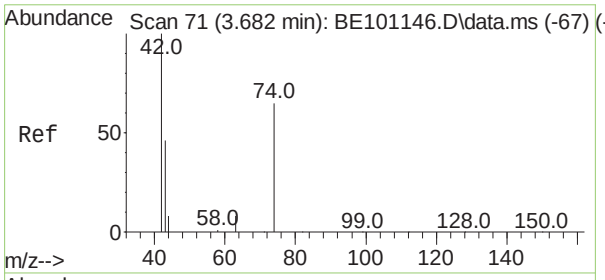


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.349 min Scan# 42
Delta R.T. -0.033 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 88 Resp: 669

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

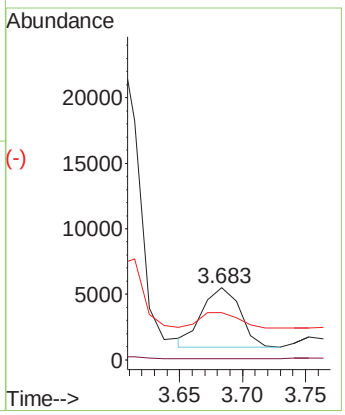
Instrument :
BNA_E
ClientSampleId :
ASR7

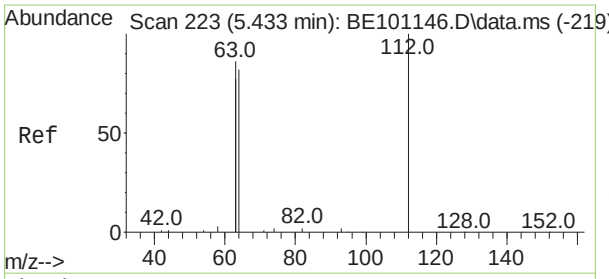


#3
n-Nitrosodimethylamine
Concen: 1.17 ng
RT: 3.683 min Scan# 71
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 42 Resp: 9573

Ion	Ratio	Lower	Upper
42	100		
74	0.3	87.0	130.6#
44	27.6	8.3	12.5#

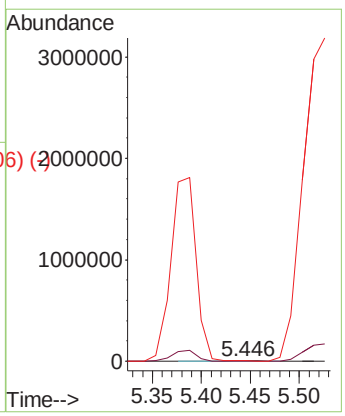




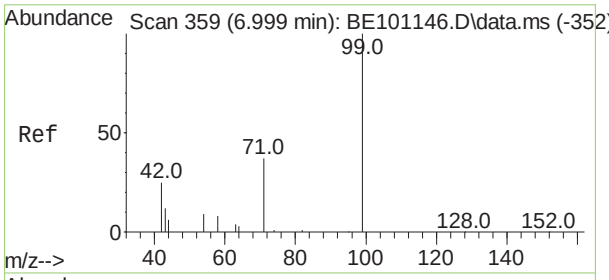
#4
2-Fluorophenol
Concen: 0.71 ng
RT: 5.446 min Scan# 224
Delta R.T. 0.013 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:112 Resp: 8099

Ion	Ratio	Lower	Upper
112	100		
64	0.0	60.8	91.2#
63	0.0	119.4	179.0#



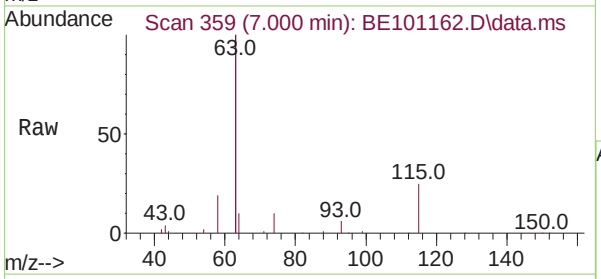
Instrument :
BNA_E
ClientSampleId :
ASR7

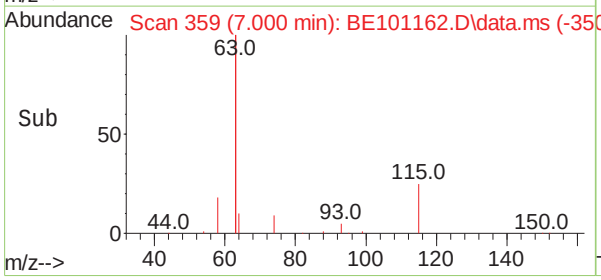


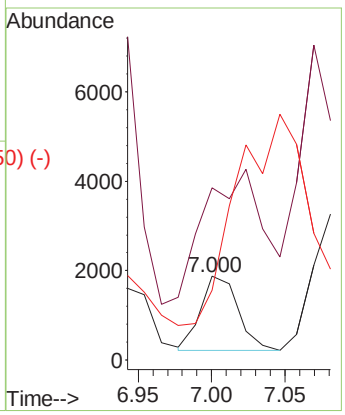
#5
Phenol-d6
Concen: 0.17 ng
RT: 7.000 min Scan# 359
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

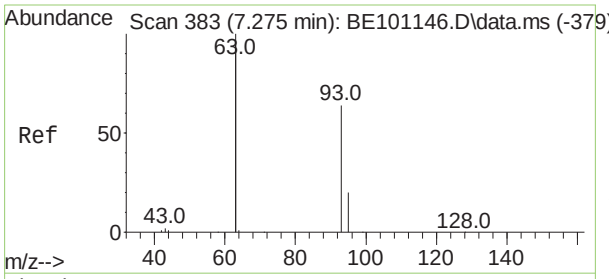
Tgt Ion: 99 Resp: 2919

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





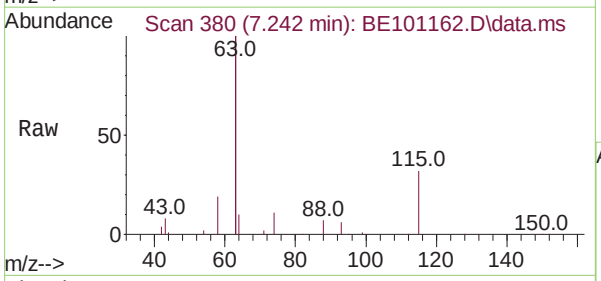


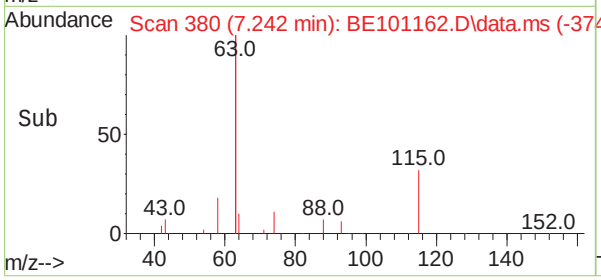


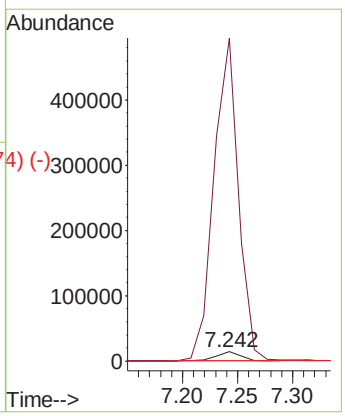
#6
bis(2-Chloroethyl)ether
Concen: 1.53 ng
RT: 7.242 min Scan# 380
Delta R.T. -0.033 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 93 Resp: 22630

Ion	Ratio	Lower	Upper
93	100		
63	3397.3	292.5	438.7#
95	2.8	25.8	38.6#







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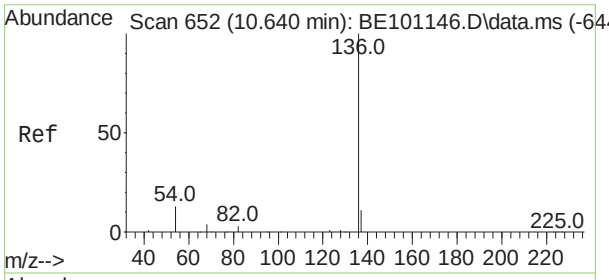
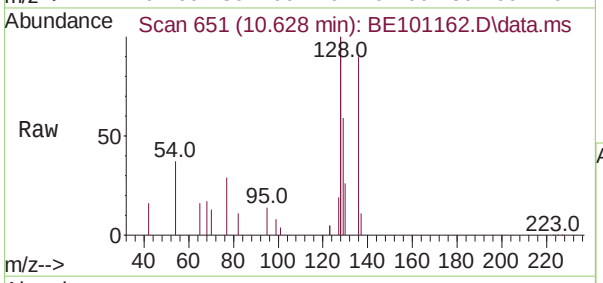
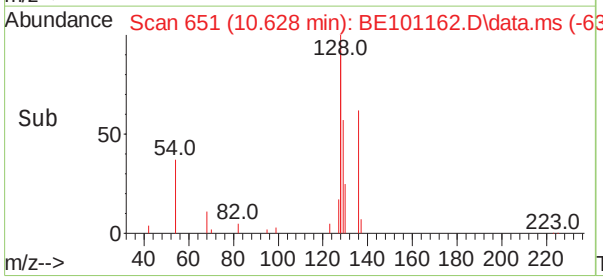


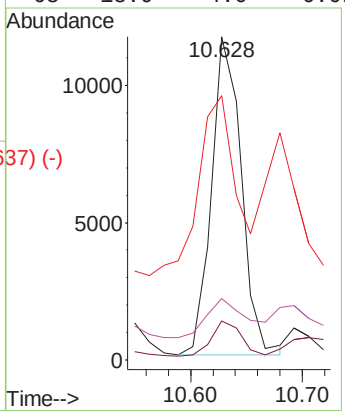
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

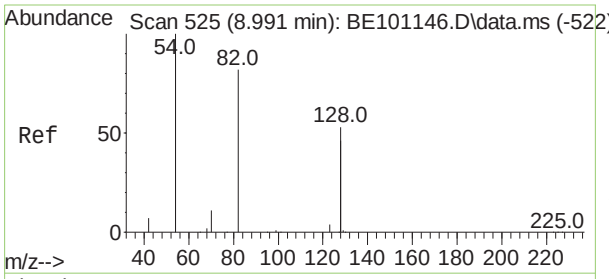
Tgt Ion:136 Resp: 21639

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	81.8	20.2	30.4#
68	18.9	4.0	6.0#





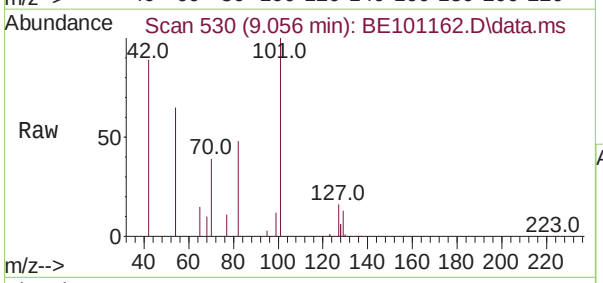


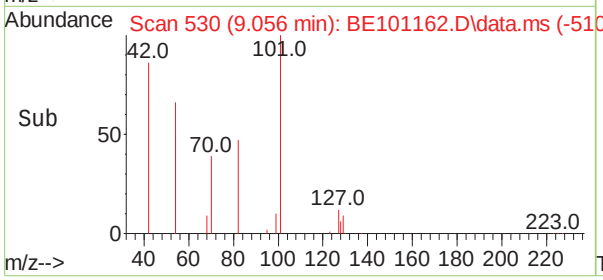


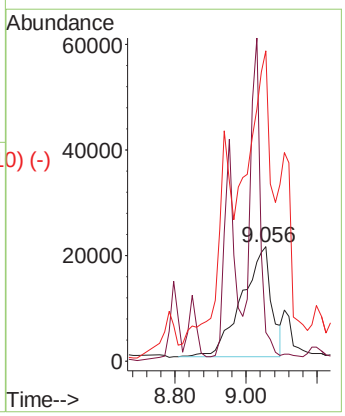
#8
Nitrobenzene-d5
Concen: 9.29 ng
RT: 9.056 min Scan# 530
Delta R.T. 0.065 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion: 82 Resp: 119903

Ion	Ratio	Lower	Upper
82	100		
128	25.2	101.5	152.3#
54	271.2	189.8	284.6







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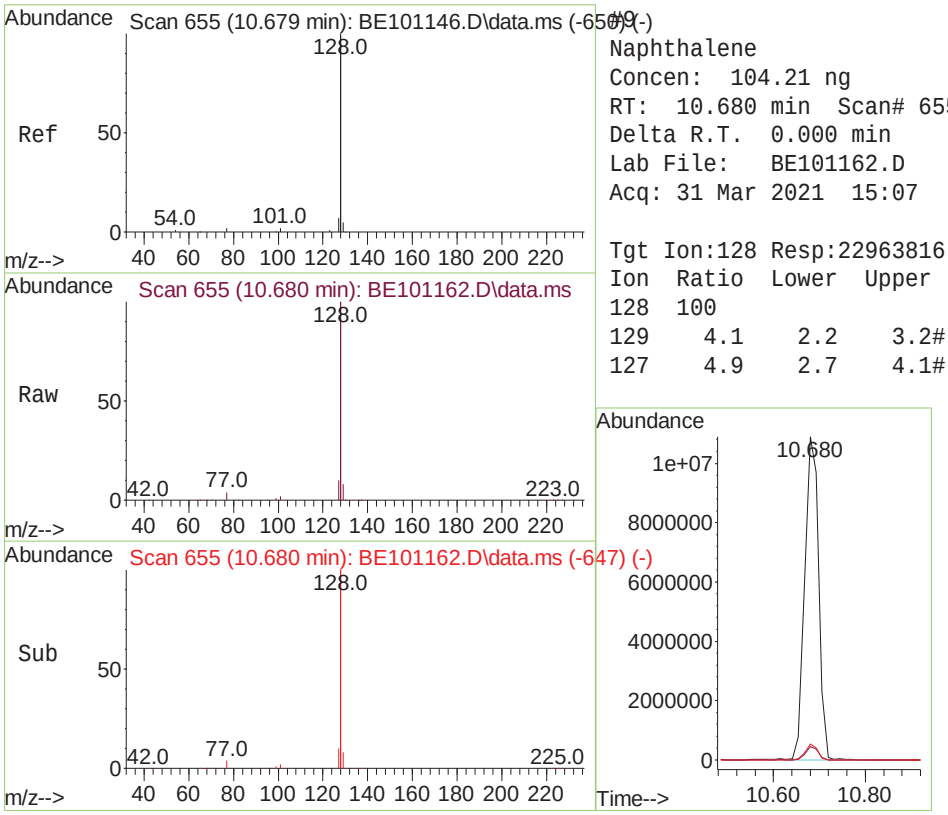
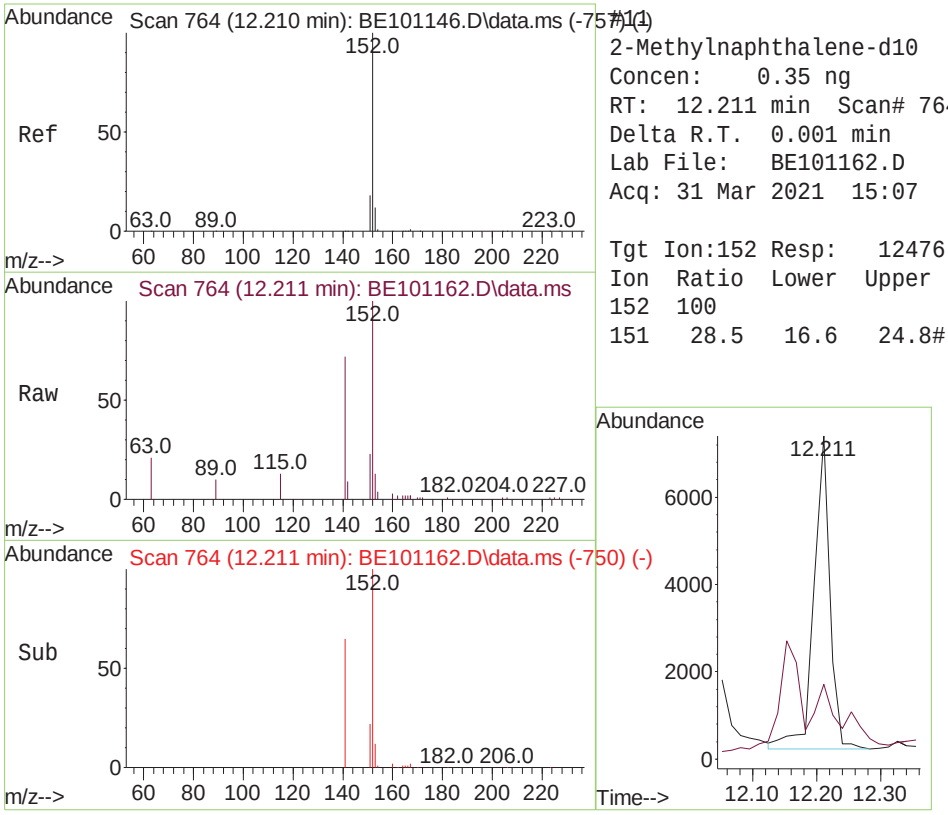


#9
Naphthalene
Concen: 104.21 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:128 Resp:22963816

Ion	Ratio	Lower	Upper
128	100		
129	4.1	2.2	3.2#
127	4.9	2.7	4.1#

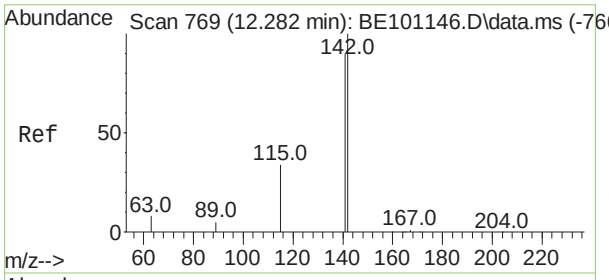


#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.211 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:152 Resp: 12476

Ion	Ratio	Lower	Upper
152	100		
151	28.5	16.6	24.8#

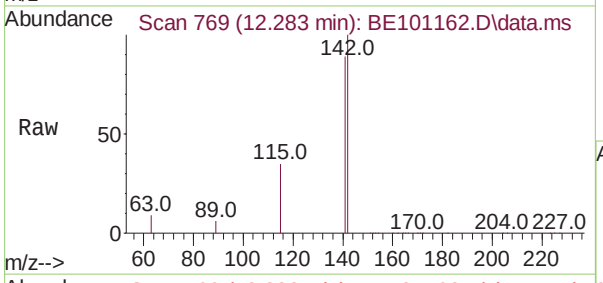
Instrument :
BNA_E
ClientSampleId :
ASR7

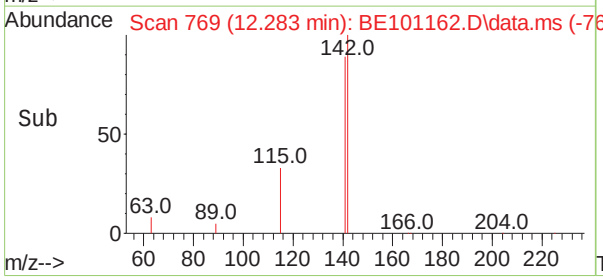


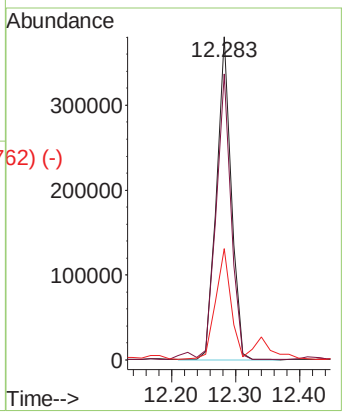
#12
2-Methylnaphthalene
Concen: 16.04 ng
RT: 12.283 min Scan# 769
Delta R.T. 0.001 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

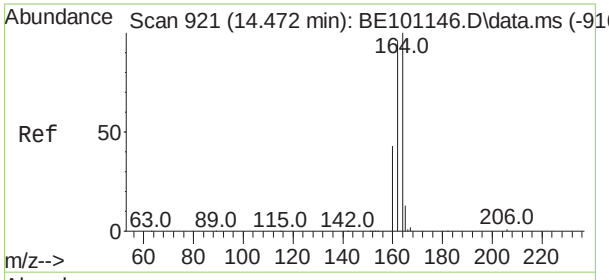
Tgt Ion:142 Resp: 607779

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.8	107.6
115	34.5	27.8	41.6





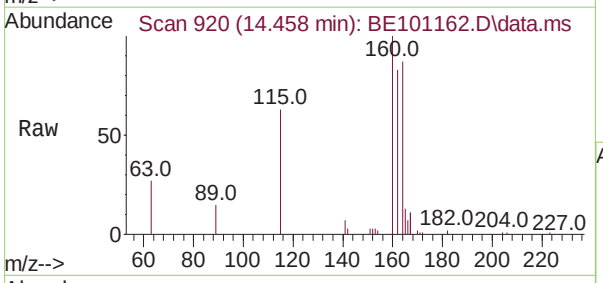


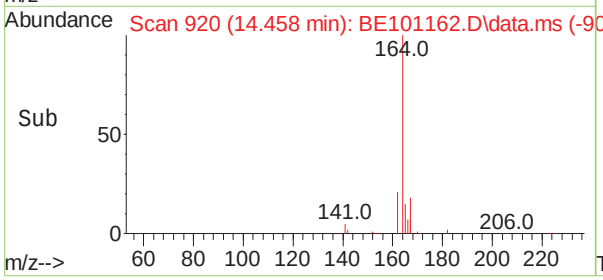


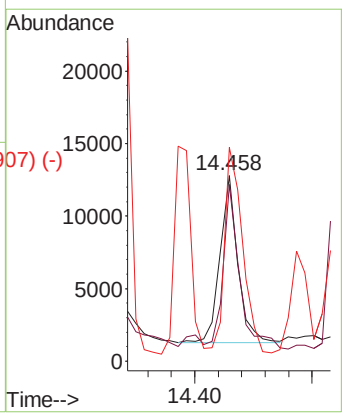
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. -0.014 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:164 Resp: 24116

Ion	Ratio	Lower	Upper
164	100		
162	95.0	76.6	115.0
160	114.9	34.5	51.7#







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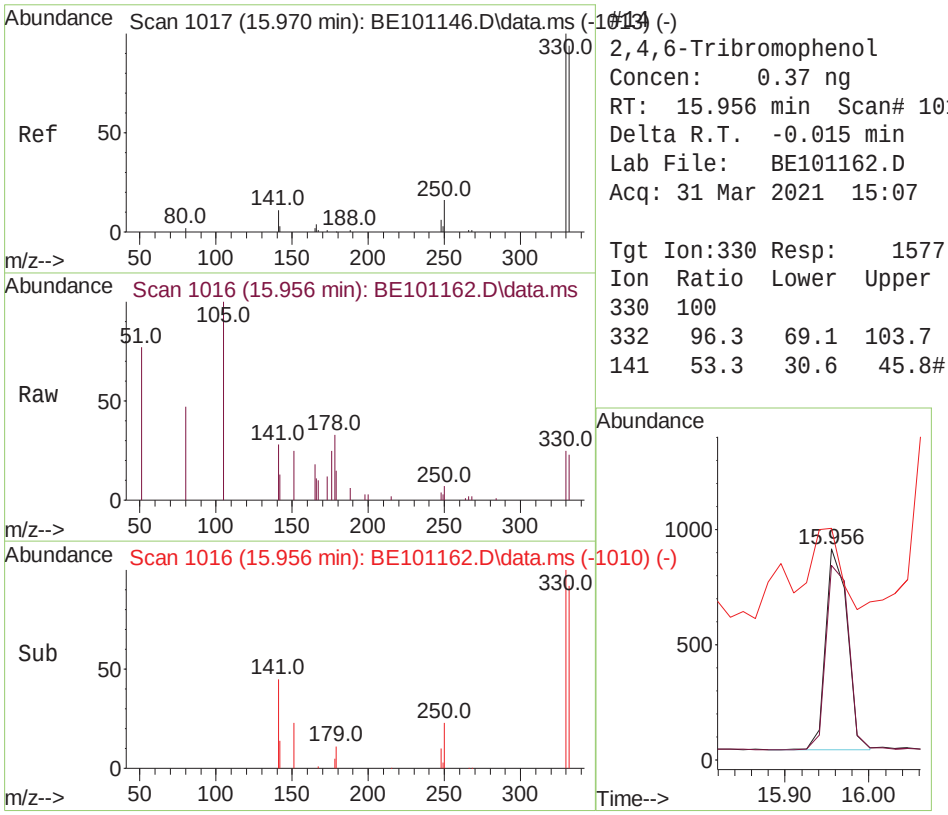
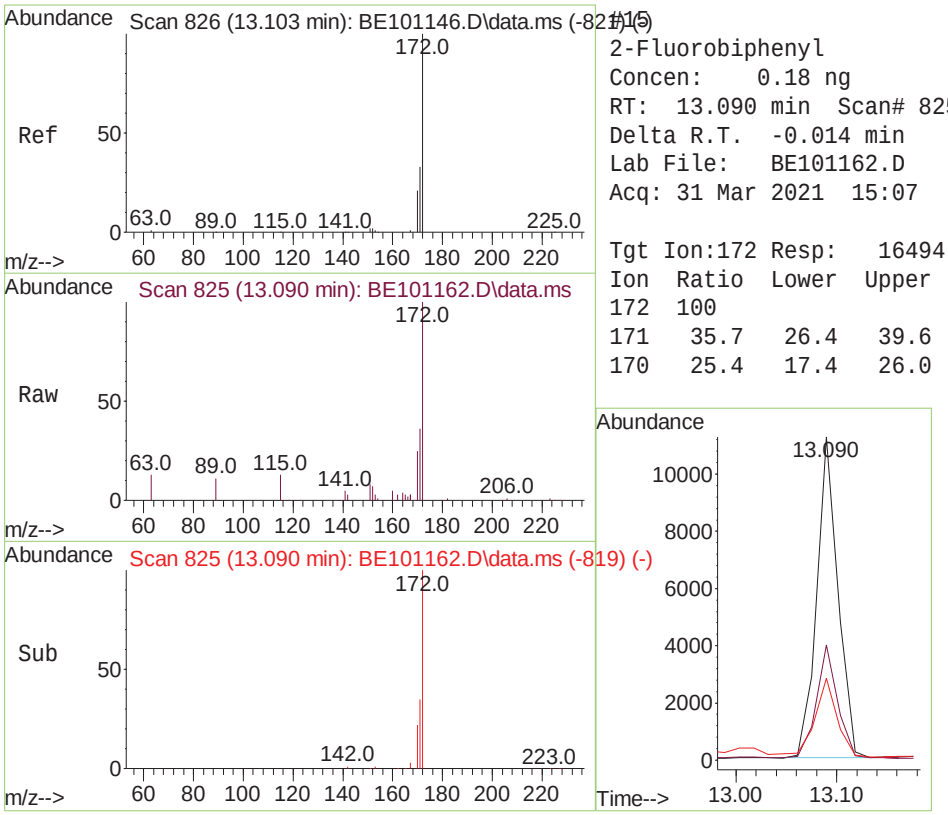


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.015 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:330 Resp: 1577

Ion	Ratio	Lower	Upper
330	100		
332	96.3	69.1	103.7
141	53.3	30.6	45.8#



#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 13.090 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:172 Resp: 16494

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.4	39.6
170	25.4	17.4	26.0

Instrument :
BNA_E
ClientSampleId :
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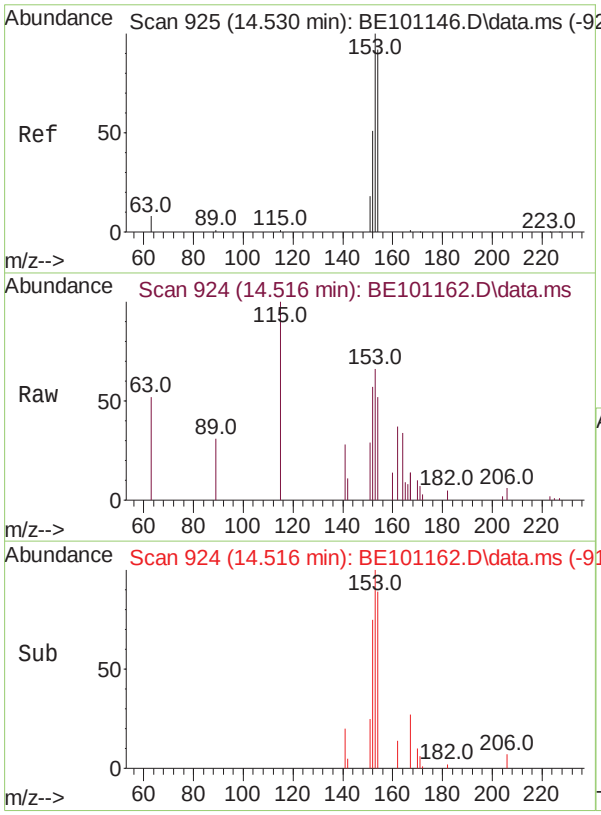
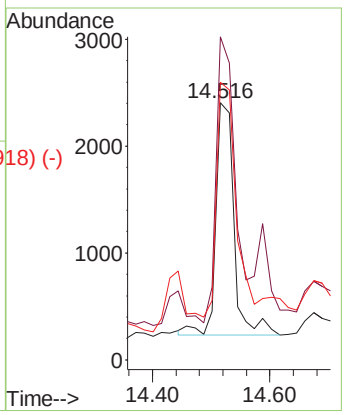
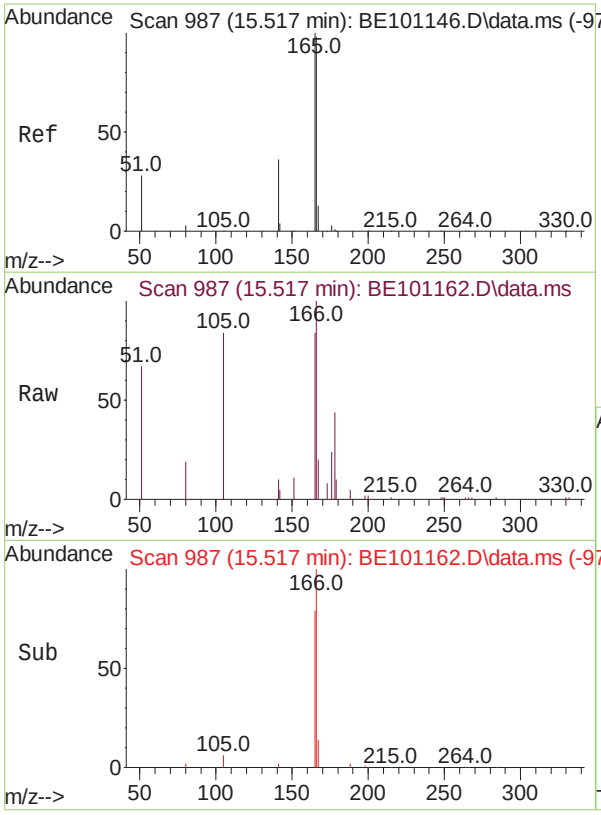


#17
Acenaphthene
Concen: 0.07 ng
RT: 14.516 min Scan# 924
Delta R.T. -0.014 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:154 Resp: 4575

Ion	Ratio	Lower	Upper
154	100		
153	135.0	86.7	130.1#
152	111.2	46.1	69.1#

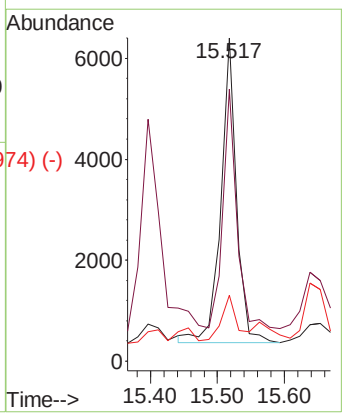




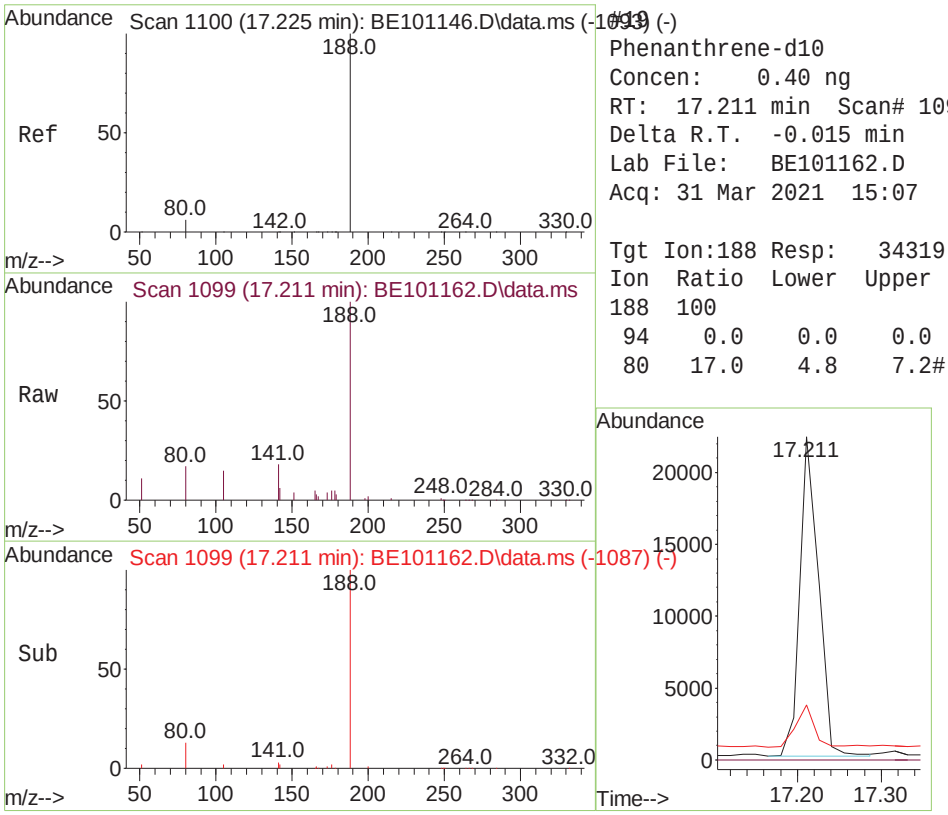
#18
Fluorene
Concen: 0.11 ng
RT: 15.517 min Scan# 987
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:166 Resp: 9888

Ion	Ratio	Lower	Upper
166	100		
165	70.6	78.9	118.3#
167	14.4	10.7	16.1



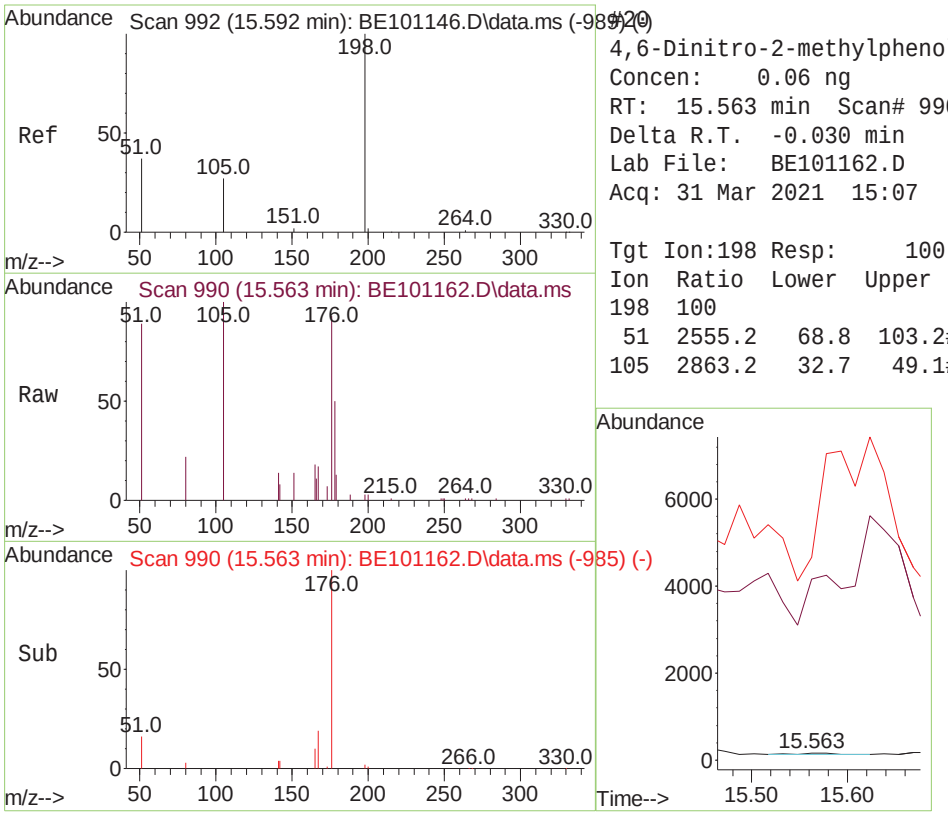
Instrument :
BNA_E
ClientSampleId :
ASR7



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.211 min Scan# 1099
Delta R.T. -0.015 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:188 Resp: 34319

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.0	4.8	7.2#

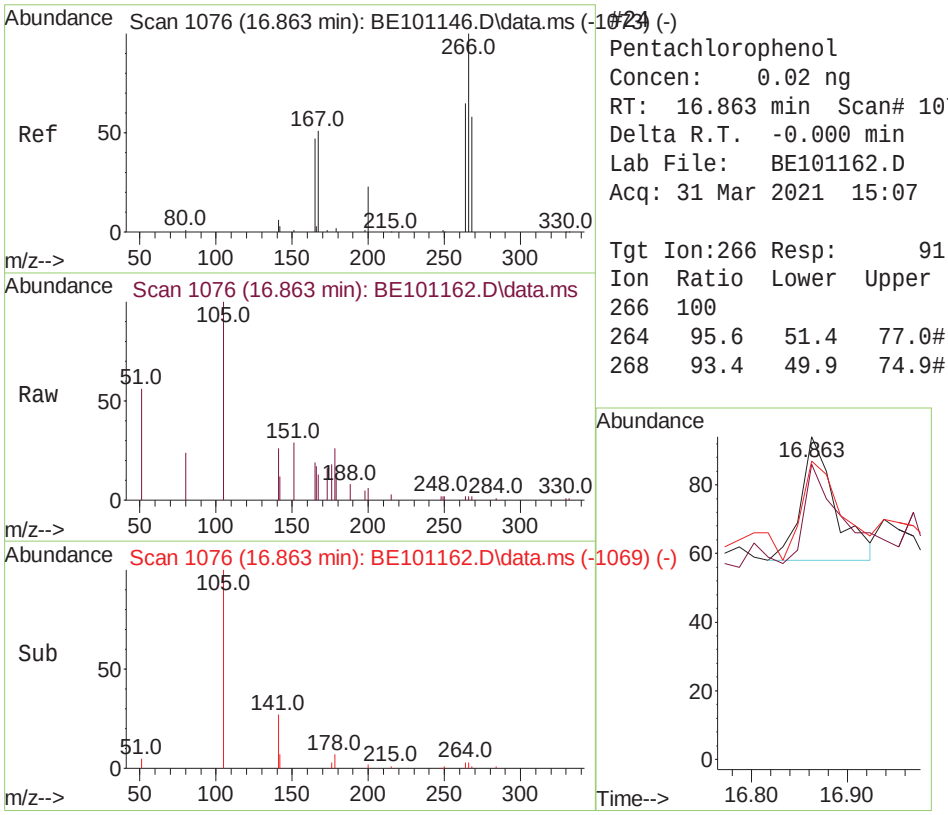


#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.563 min Scan# 990
Delta R.T. -0.030 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:198 Resp: 100

Ion	Ratio	Lower	Upper
198	100		
51	2555.2	68.8	103.2#
105	2863.2	32.7	49.1#

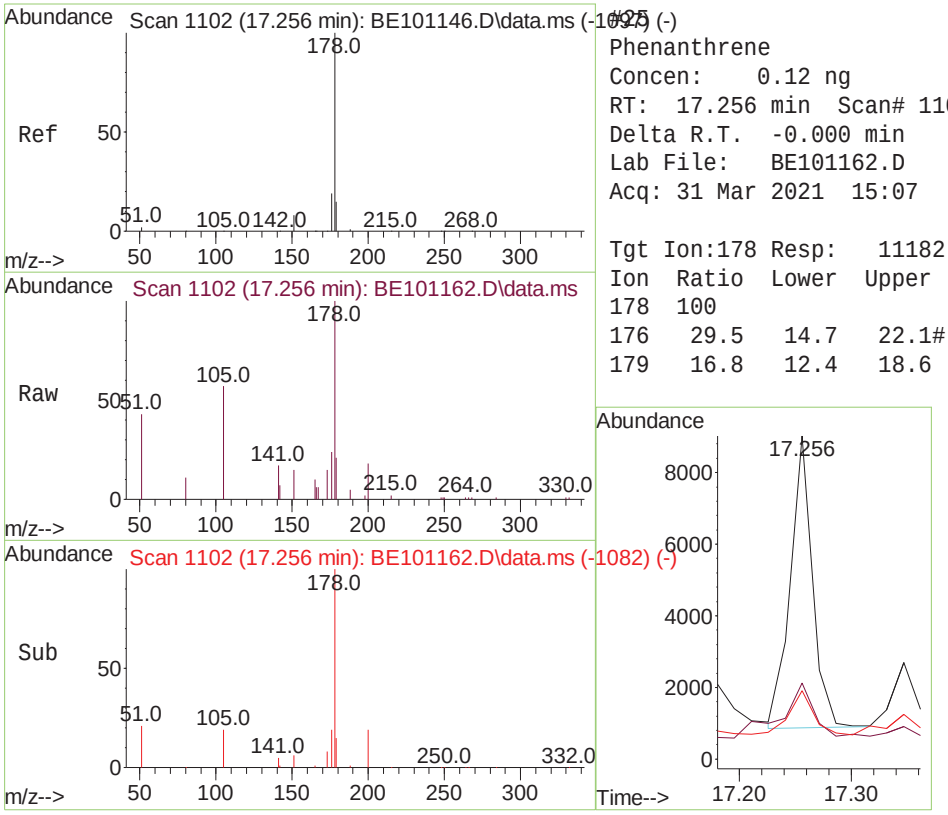
Instrument :
BNA_E
ClientSampleId :
ASR7



#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.863 min Scan# 1076
Delta R.T. -0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
264	95.6	51.4	77.0#
268	93.4	49.9	74.9#

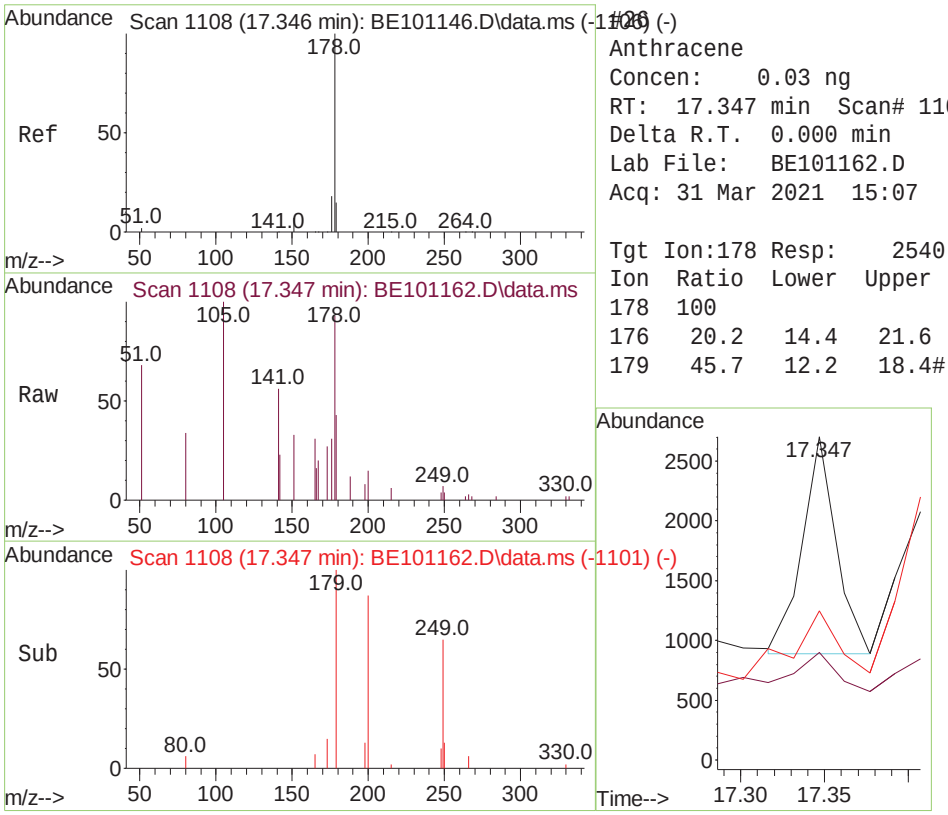


#25
Phenanthrene
Concen: 0.12 ng
RT: 17.256 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:178 Resp: 11182

Ion	Ratio	Lower	Upper
178	100		
176	29.5	14.7	22.1#
179	16.8	12.4	18.6

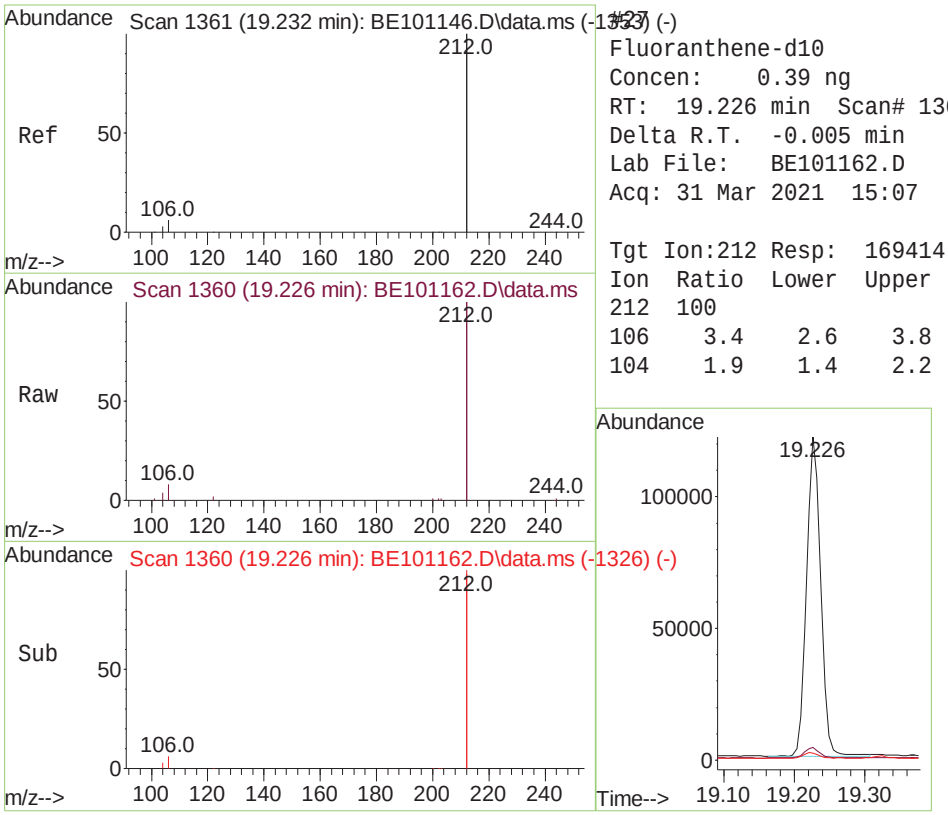
Instrument :
BNA_E
ClientSampleId :
ASR7



#26
Anthracene
Concen: 0.03 ng
RT: 17.347 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:178 Resp: 2540

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.4	21.6
179	45.7	12.2	18.4#

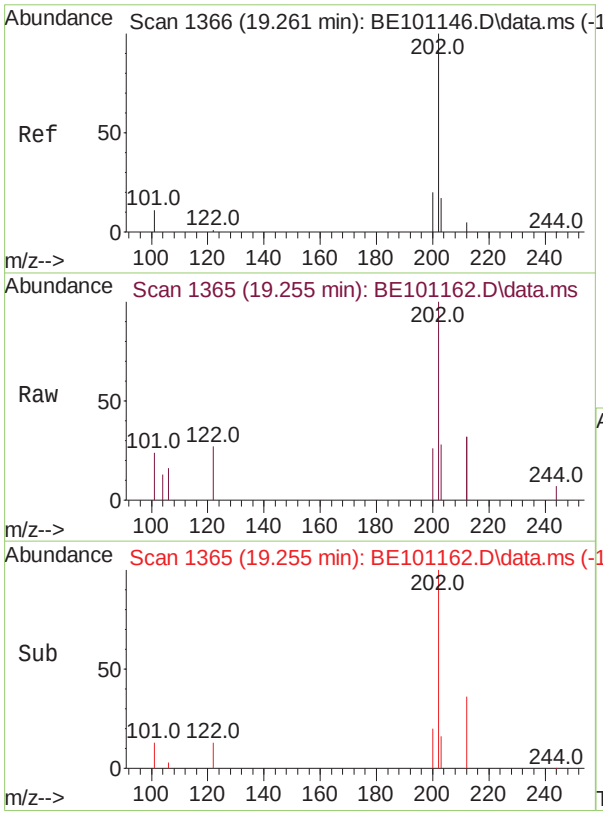


#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.226 min Scan# 1360
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:212 Resp: 169414

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

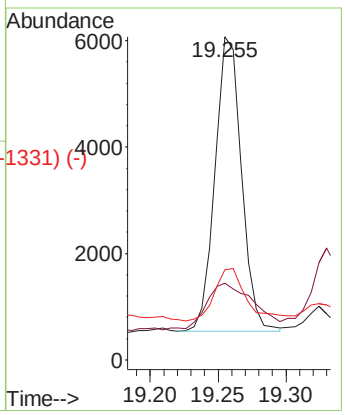
Instrument :
BNA_E
ClientSampleId :
ASR7

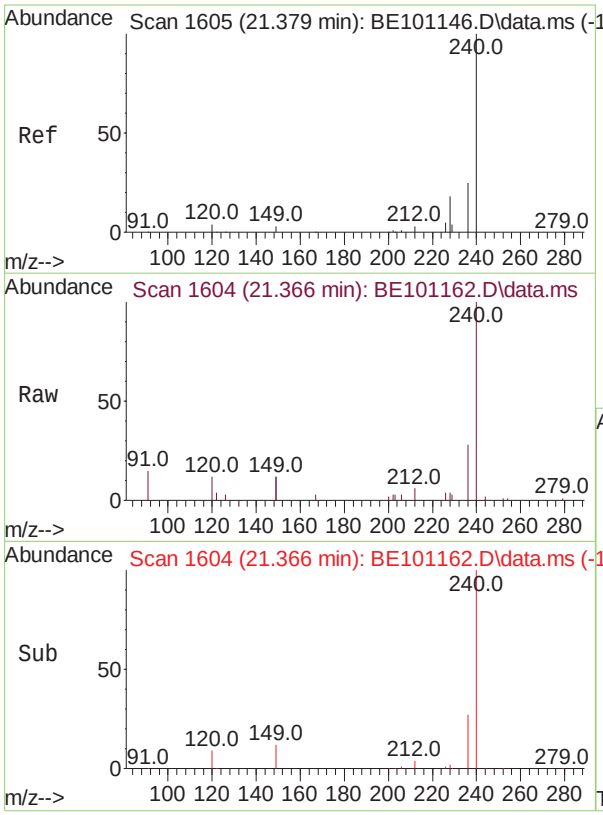


#28
Fluoranthene
Concen: 0.06 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:202 Resp: 7475

Ion	Ratio	Lower	Upper
202	100		
101	29.0	8.9	13.3#
203	21.4	13.8	20.6#

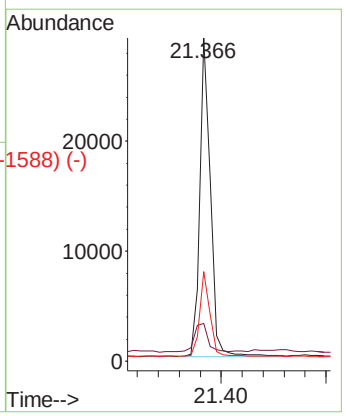




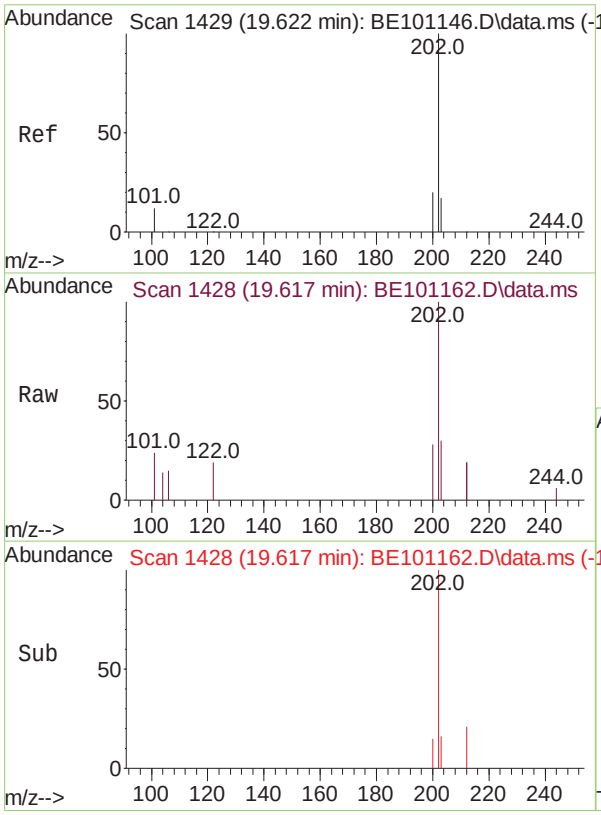
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:240 Resp: 40394

Ion	Ratio	Lower	Upper
240	100		
120	11.6	4.1	6.1#
236	27.8	20.3	30.5



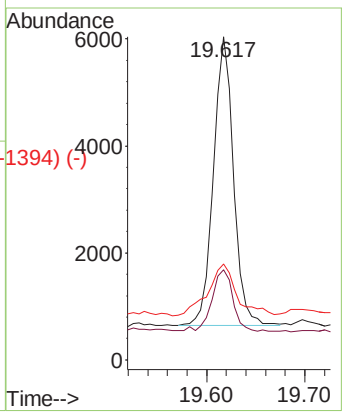
Instrument :
BNA_E
ClientSampleId :
ASR7

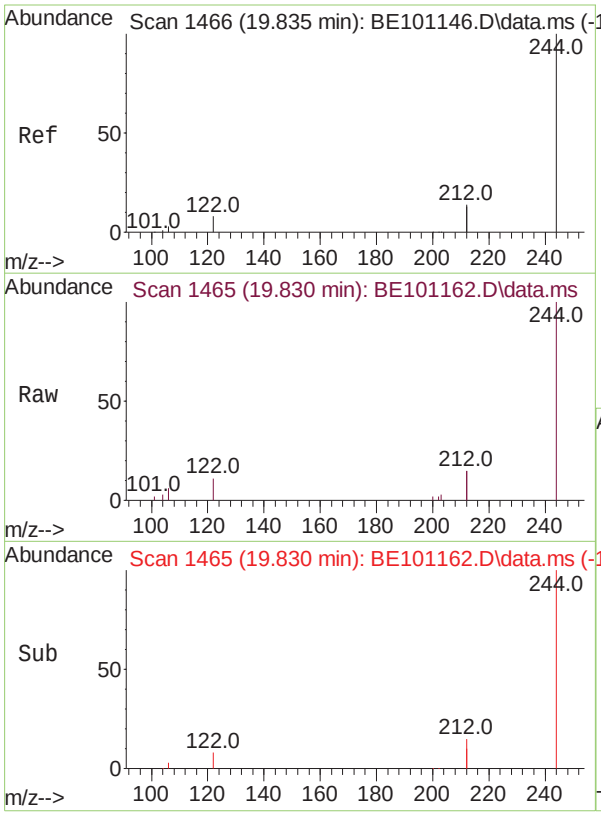


#30
Pyrene
Concen: 0.06 ng
RT: 19.617 min Scan# 1428
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:202 Resp: 7650

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.2	24.2
203	25.7	13.9	20.9#

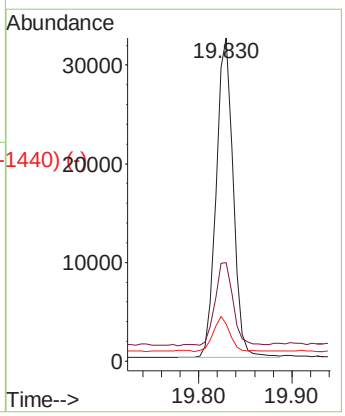




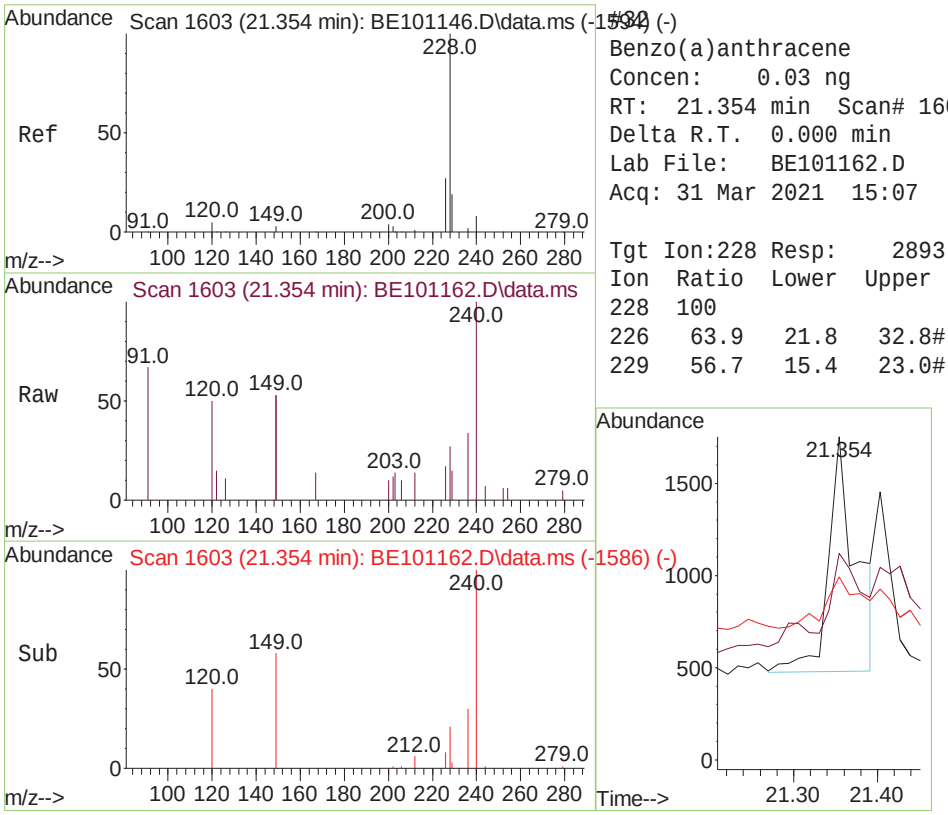
#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.830 min Scan# 1465
Delta R.T. -0.005 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:244 Resp: 41284

Ion	Ratio	Lower	Upper
244	100		
212	30.5	21.7	32.5
122	11.4	6.6	10.0#



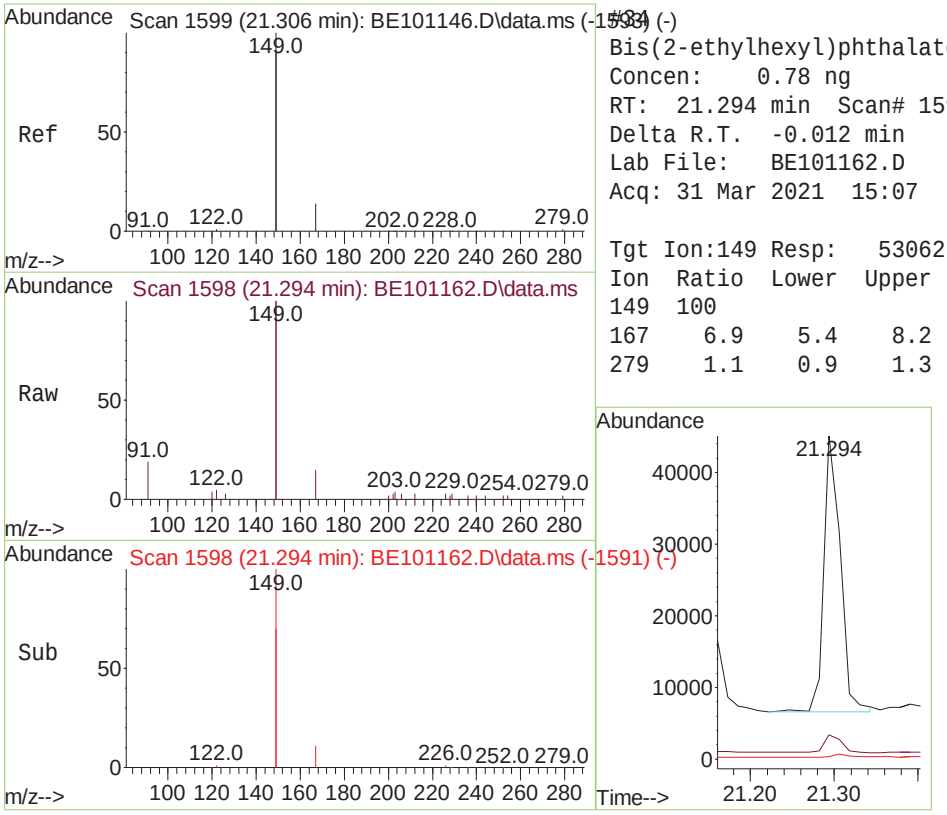
Instrument :
BNA_E
ClientSampleId :
ASR7



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.354 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:228 Resp: 2893

Ion	Ratio	Lower	Upper
228	100		
226	63.9	21.8	32.8#
229	56.7	15.4	23.0#

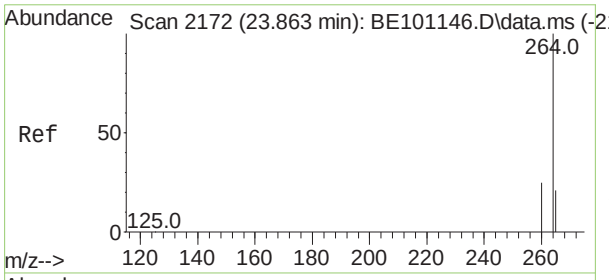


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.78 ng
RT: 21.294 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:149 Resp: 53062

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.2
279	1.1	0.9	1.3

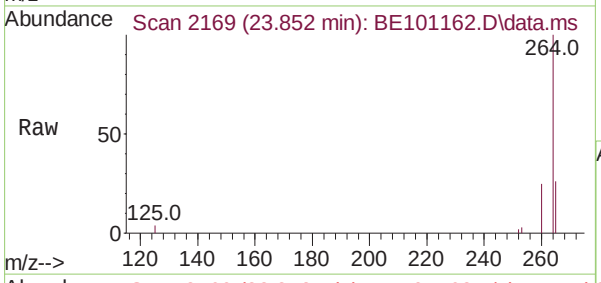
Instrument :
BNA_E
ClientSampleId :
ASR7

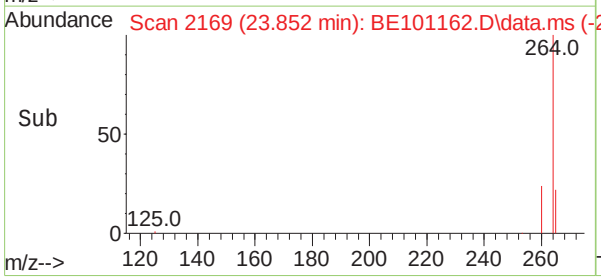


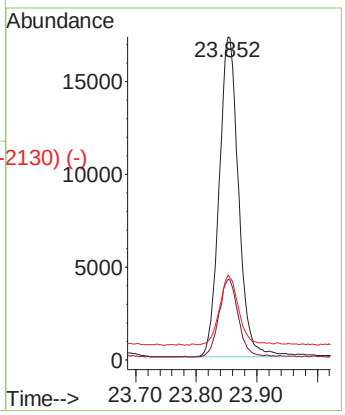
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.852 min Scan# 2169
Delta R.T. -0.011 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

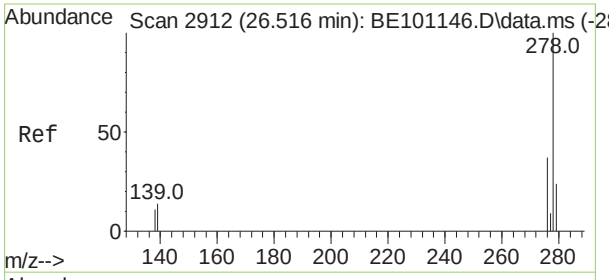
Tgt Ion:264 Resp: 38233

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	26.2	20.6	30.8









#40
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 26.487 min Scan# 2904
Delta R.T. -0.029 min
Lab File: BE101162.D
Acq: 31 Mar 2021 15:07

Tgt Ion:278 Resp: 170

Ion	Ratio	Lower	Upper
278	100		
139	136.7	12.0	18.0#
279	94.4	20.2	30.4#