Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
Data File : BE101229.D
Acq On : 7 Apr 2021 15:31
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : BES-12SR

Quant Time: Apr 07 16:12:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration

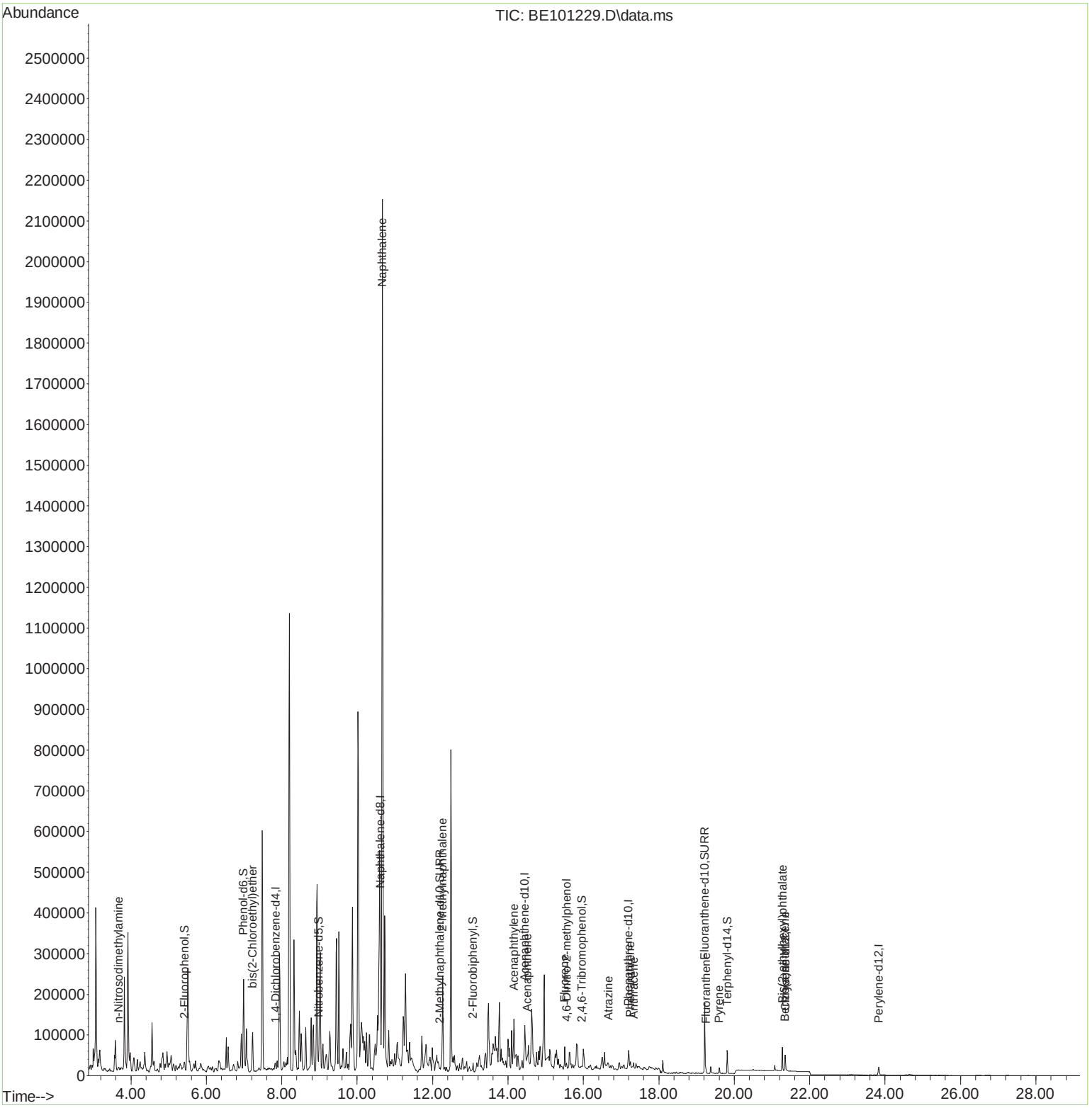
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	4047	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	21507	0.40	ng	# 0.00
13) Acenaphthene-d10	14.442	164	70918	0.40	ng	# 0.00
19) Phenanthrene-d10	17.197	188	45659	0.40	ng	#-0.01
29) Chrysene-d12	21.354	240	38351	0.40	ng	0.00
36) Perylene-d12	23.830	264	31180	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1946	0.20	ng	0.00
5) Phenol-d6	6.986	99	2065	0.14	ng	0.00
8) Nitrobenzene-d5	8.977	82	6295	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	12130	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	3112	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	18052	0.07	ng	0.00
27) Fluoranthene-d10	19.220	212	228984	0.29	ng	0.00
31) Terphenyl-d14	19.811	244	50664	0.49	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.681	42	9091	1.41	ng	# 1
6) bis(2-Chloroethyl)ether	7.228	93	3307	0.24	ng	# 1
9) Naphthalene	10.666	128	3106947	13.29	ng	# 97
12) 2-Methylnaphthalene	12.267	142	157166	3.74	ng	97
16) Acenaphthylene	14.169	152	5704	0.02	ng	# 1
17) Acenaphthene	14.514	154	19541	0.09	ng	# 75
18) Fluorene	15.503	166	37087	0.13	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.564	198	89	0.08	ng	# 1
23) Atrazine	16.668	200	345	0.02	ng	# 1
25) Phenanthrene	17.242	178	19141	0.14	ng	# 81
26) Anthracene	17.333	178	12823	0.11	ng	# 80
28) Fluoranthene	19.248	202	9831	0.06	ng	# 88
30) Pyrene	19.604	202	14526	0.10	ng	# 87
32) Benzo(a)anthracene	21.342	228	2460	0.02	ng	# 68
34) Bis(2-ethylhexyl)phtha...	21.282	149	67625	0.87	ng	100

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

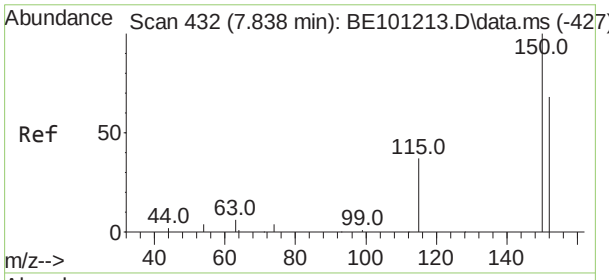
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040721\
Data File : BE101229.D
Acq On : 7 Apr 2021 15:31
Operator : CG/JU
Sample : M1931-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BES-12SR

Quant Time: Apr 07 16:12:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:22:45 2021
Response via : Initial Calibration



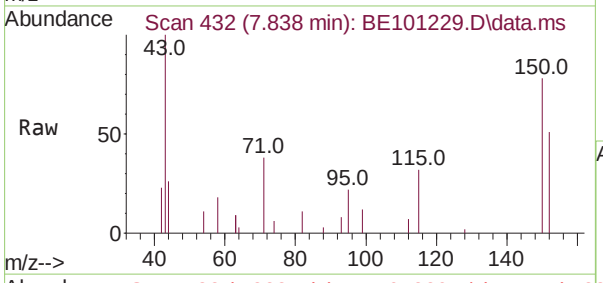
Instrument :
BNA_E
ClientSampleId :
BES-12SR

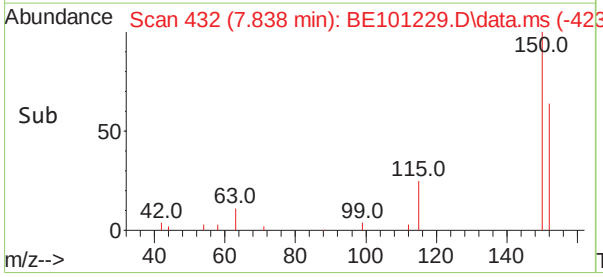


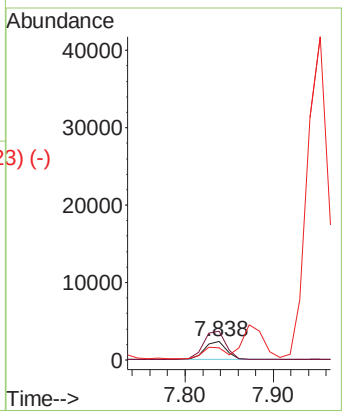
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. 0.008 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

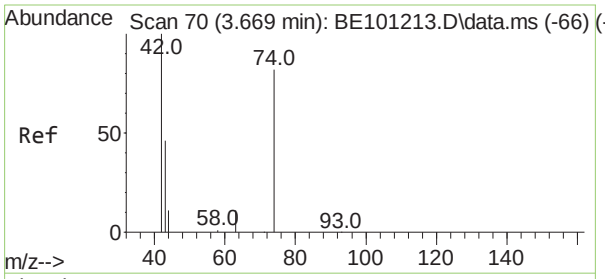
Tgt Ion:152 Resp: 4047

Ion	Ratio	Lower	Upper
152	100		
150	153.5	116.9	175.3
115	63.3	44.5	66.7





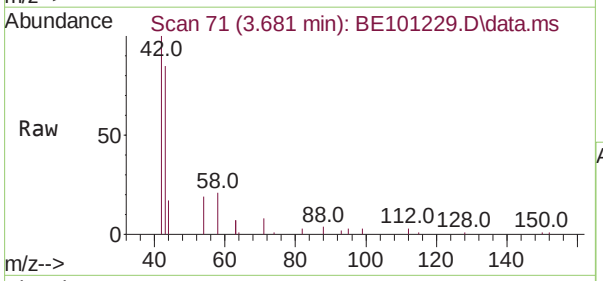


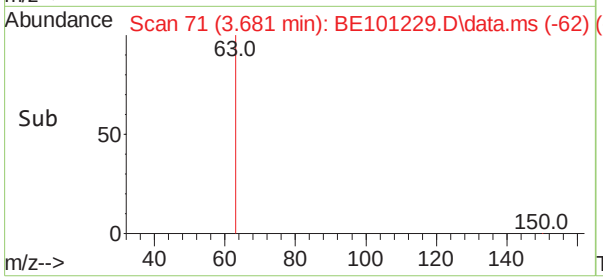


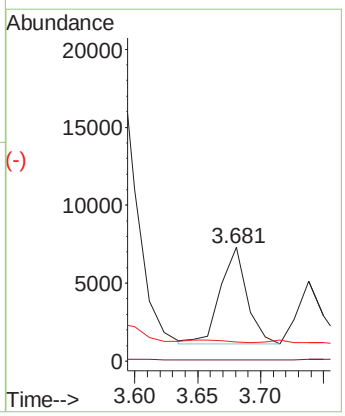
#3
n-Nitrosodimethylamine
Concen: 1.41 ng
RT: 3.681 min Scan# 71
Delta R.T. 0.009 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion: 42 Resp: 9091

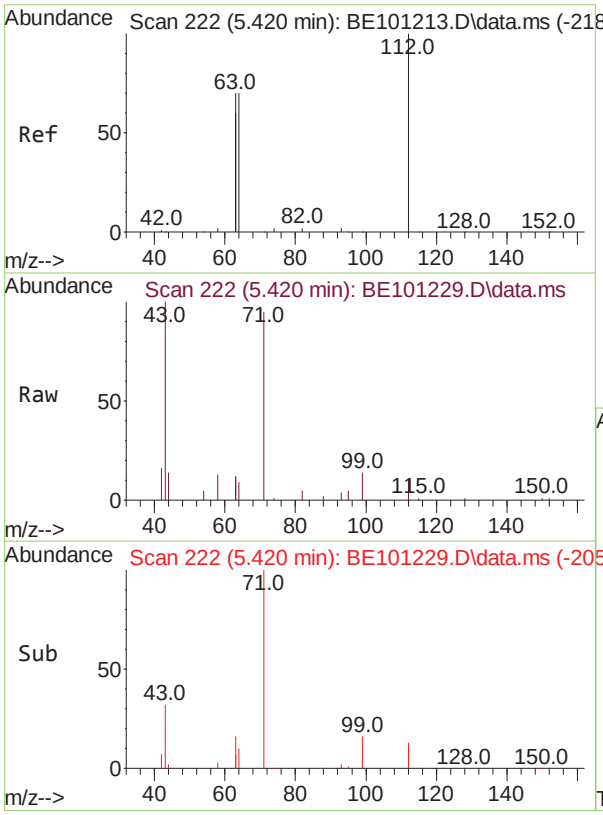
Ion	Ratio	Lower	Upper
42	100		
74	0.2	92.7	139.1#
44	0.0	10.7	16.1#







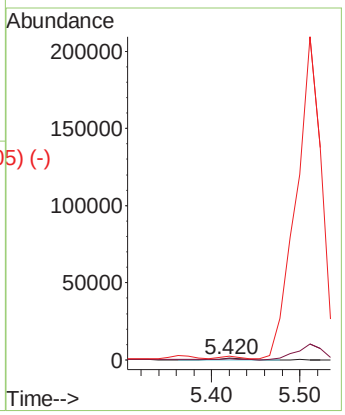
Instrument :
BNA_E
ClientSampleId :
BES-12SR

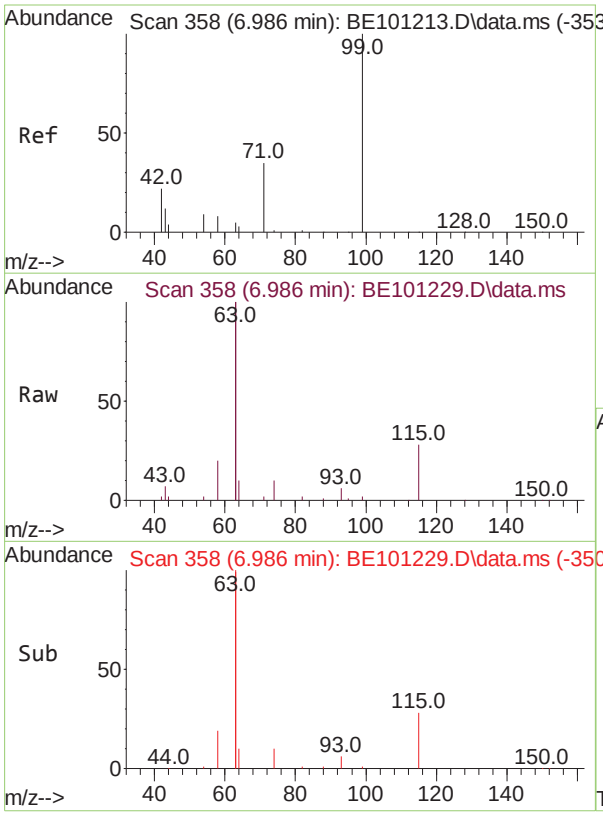


2-Fluorophenol
Concen: 0.20 ng
RT: 5.420 min Scan# 222
Delta R.T. -0.003 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:112 Resp: 1946

Ion	Ratio	Lower	Upper
112	100		
64	62.0	62.3	93.5#
63	0.0	117.3	175.9#

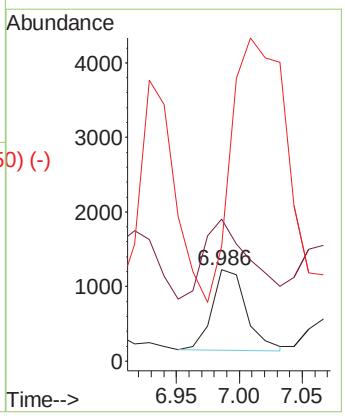




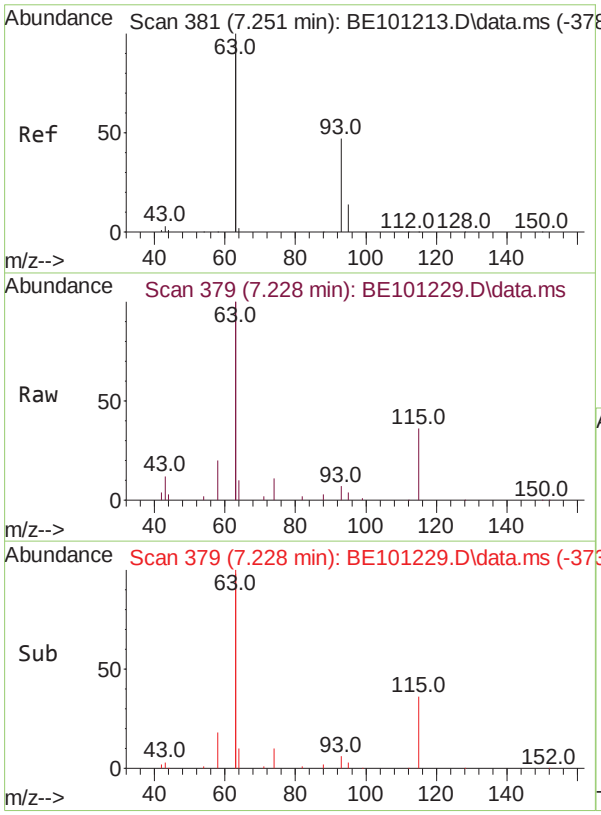
Phenol-d6
Concen: 0.14 ng
RT: 6.986 min Scan# 358
Delta R.T. -0.003 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion: 99 Resp: 2065

Ion	Ratio	Lower	Upper
99	100		
42	131.9	18.5	27.7#
71	0.0	26.5	39.7#



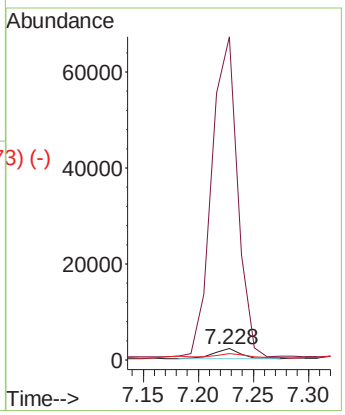
Instrument :
BNA_E
ClientSampleId :
BES-12SR

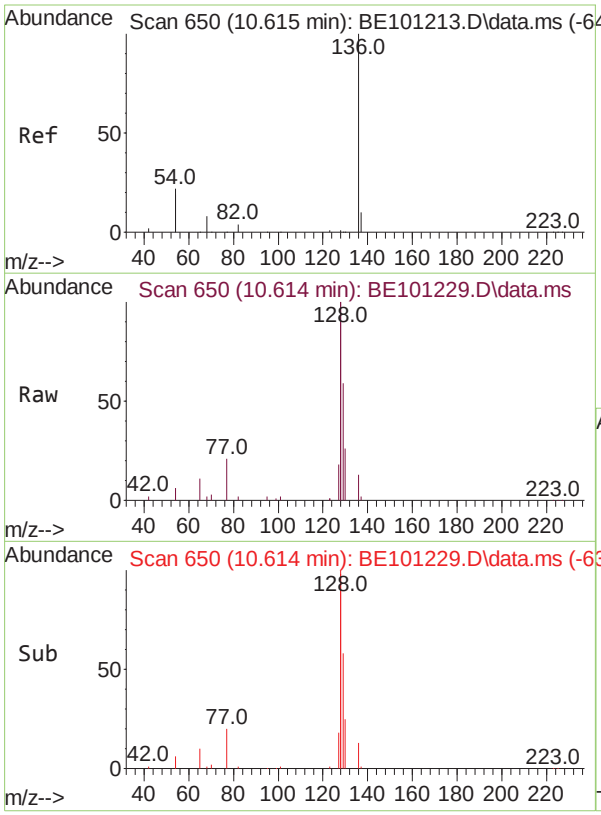


#6
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 7.228 min Scan# 379
Delta R.T. -0.026 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion: 93 Resp: 3307

Ion	Ratio	Lower	Upper
93	100		
63	3315.3	292.5	438.7#
95	50.2	25.7	38.5#

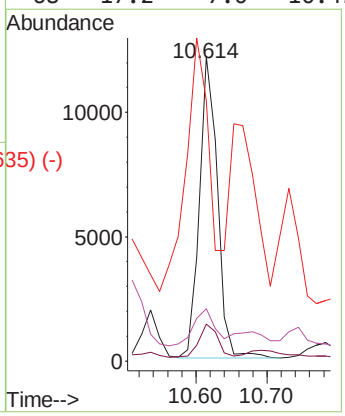




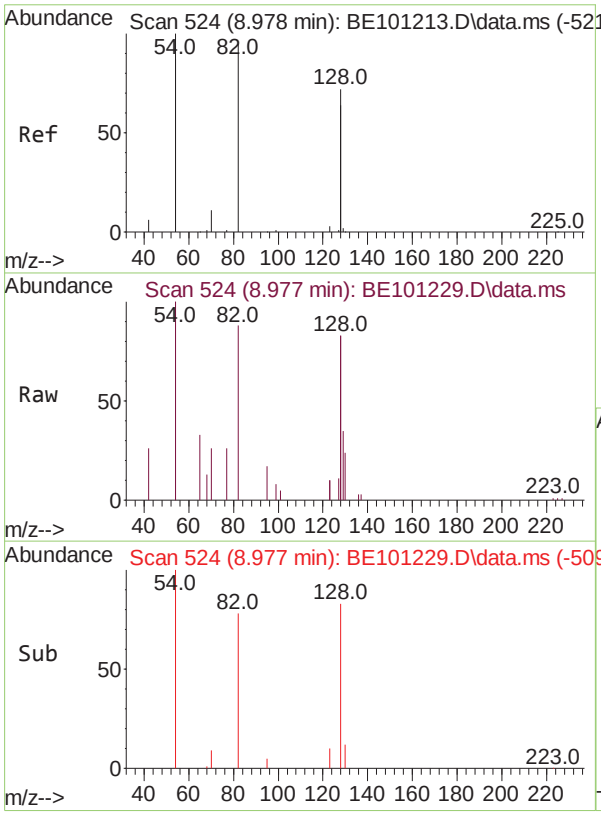
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:136 Resp: 21507

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.6	13.0
54	85.5	34.7	52.1#
68	17.2	7.0	10.4#



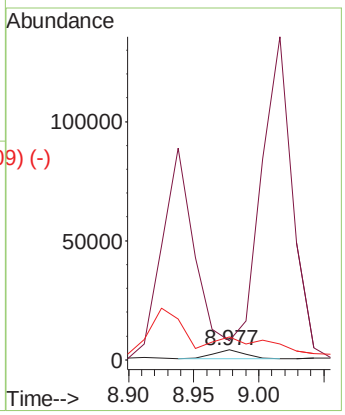
Instrument :
BNA_E
ClientSampleId :
BES-12SR

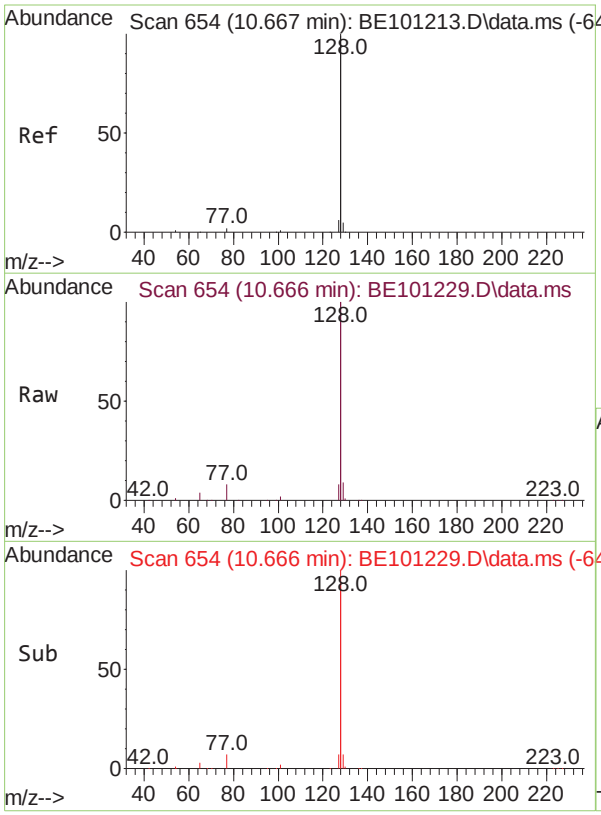


#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion: 82 Resp: 6295

Ion	Ratio	Lower	Upper
82	100		
128	188.3	118.7	178.1#
54	226.2	164.4	246.6

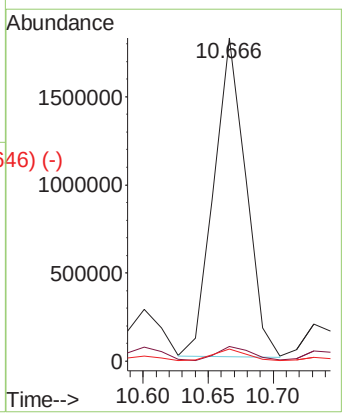




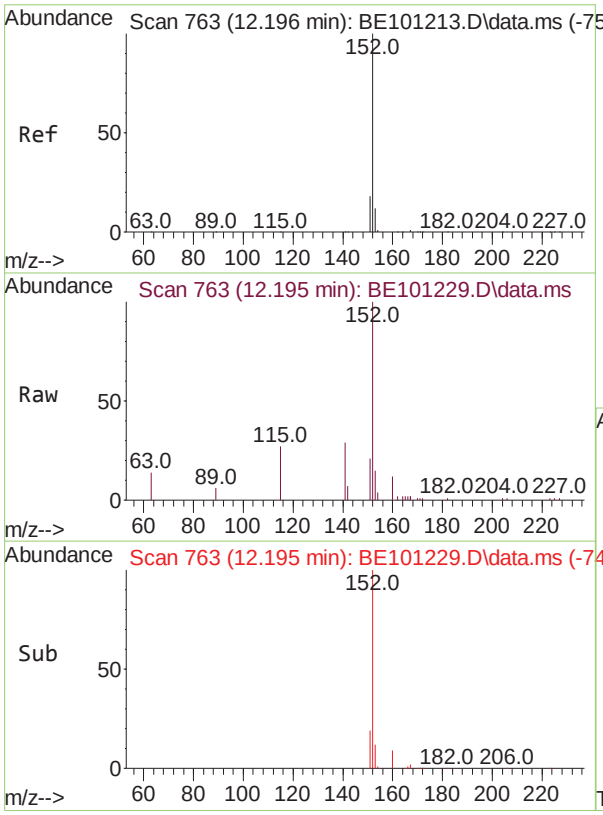
#9
Naphthalene
Concen: 13.29 ng
RT: 10.666 min Scan# 654
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:128 Resp: 3106947

Ion	Ratio	Lower	Upper
128	100		
129	4.5	2.2	3.4#
127	3.8	2.6	3.8



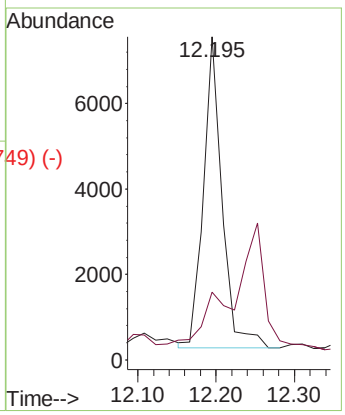
Instrument :
BNA_E
ClientSampleId :
BES-12SR

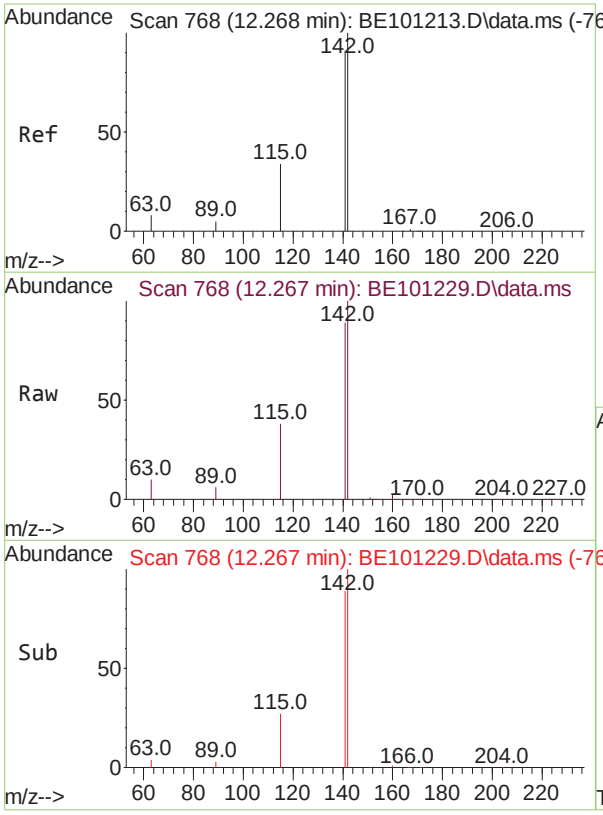


#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:152 Resp: 12130

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.5	24.7#

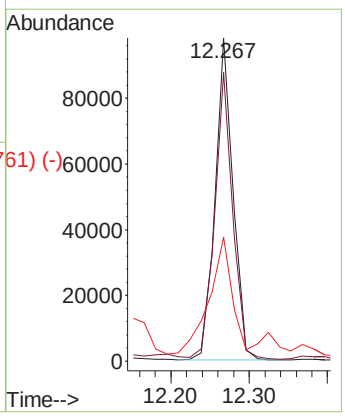




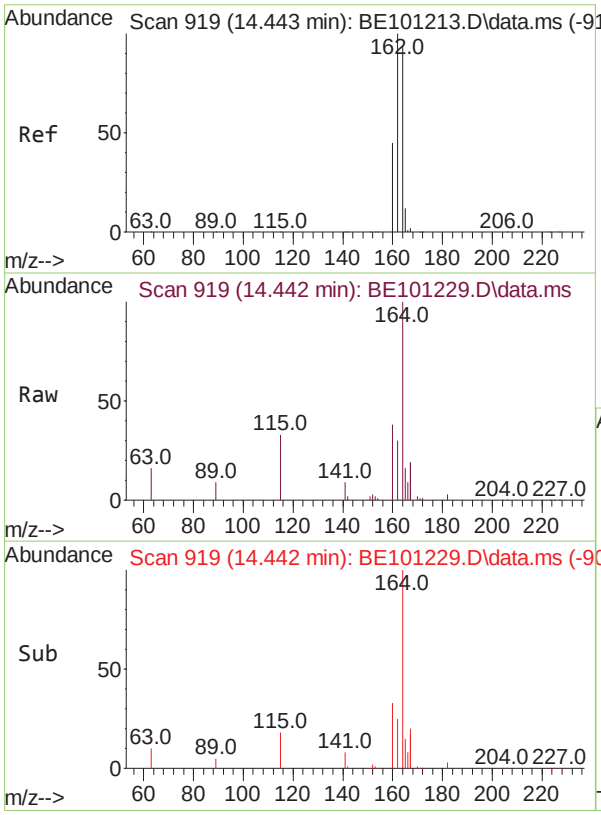
#12
2-Methylnaphthalene
Concen: 3.74 ng
RT: 12.267 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:142 Resp: 157166

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.0	109.6
115	38.4	27.8	41.8



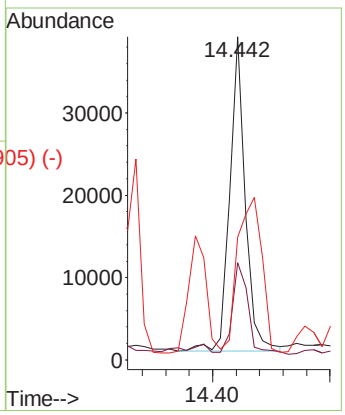
Instrument :
BNA_E
ClientSampleId :
BES-12SR

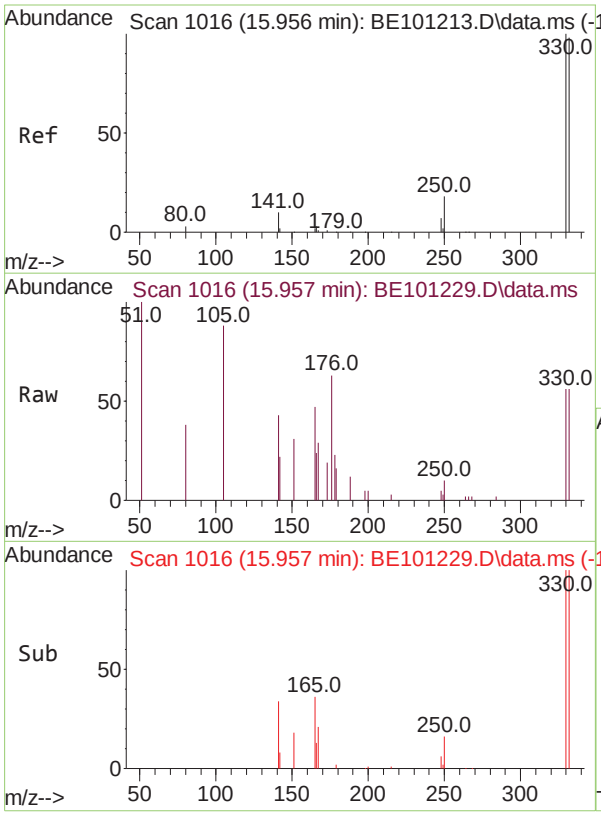


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:164 Resp: 70918

Ion	Ratio	Lower	Upper
164	100		
162	30.1	85.3	127.9#
160	38.0	39.1	58.7#

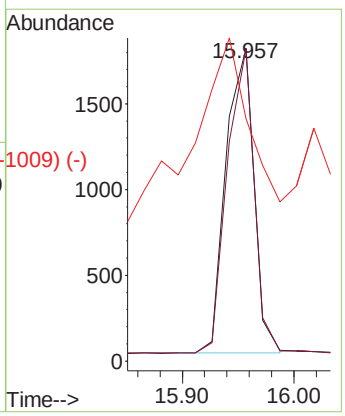




#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:330 Resp: 3112

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	77.5	30.4	45.6#



Instrument :
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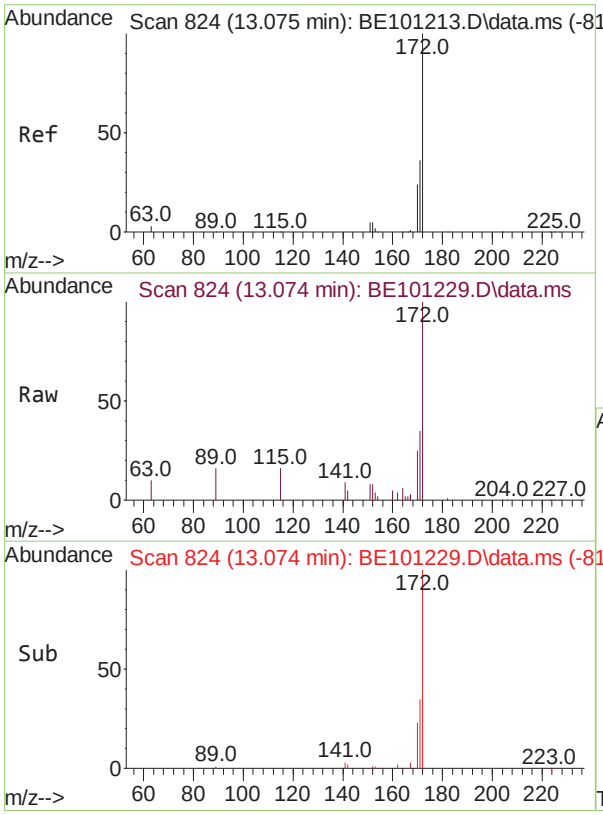
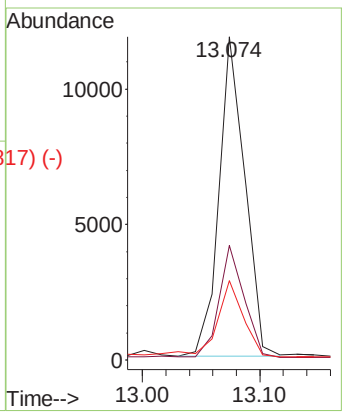
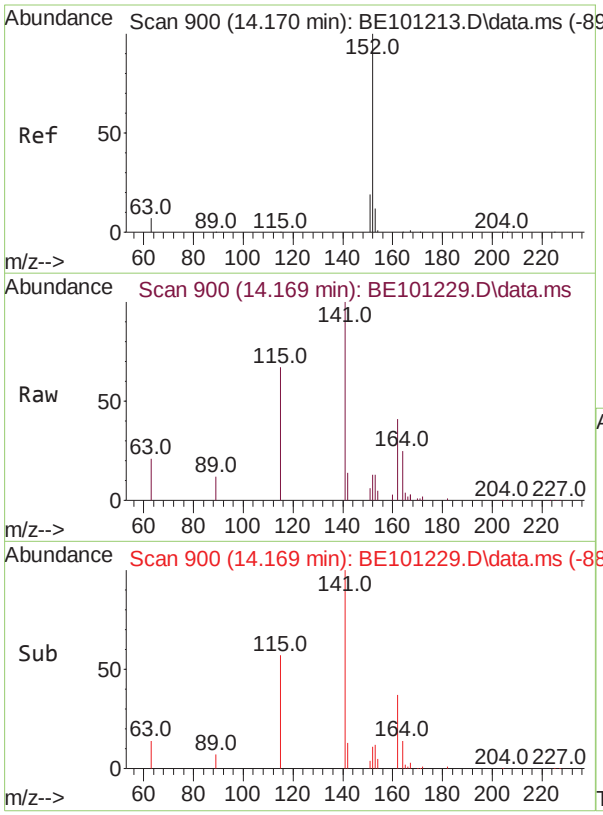


#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:172 Resp: 18052

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	24.6	19.3	28.9

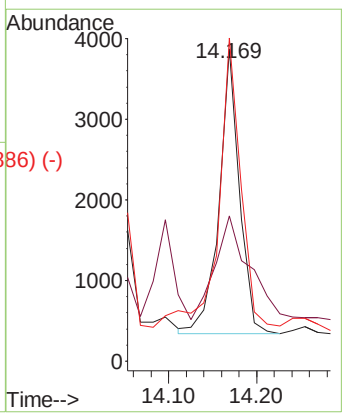




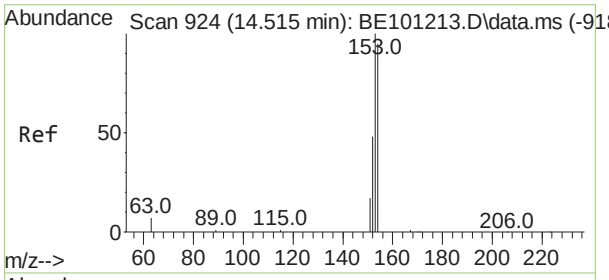
#16
Acenaphthylene
Concen: 0.02 ng
RT: 14.169 min Scan# 900
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:152 Resp: 5704

Ion	Ratio	Lower	Upper
152	100		
151	62.5	15.4	23.2#
153	113.6	10.0	15.0#



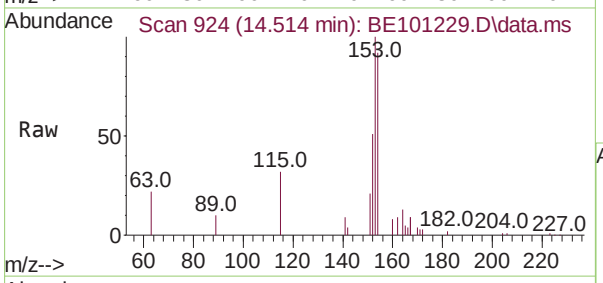
Instrument :
BNA_E
ClientSampleId :
BES-12SR

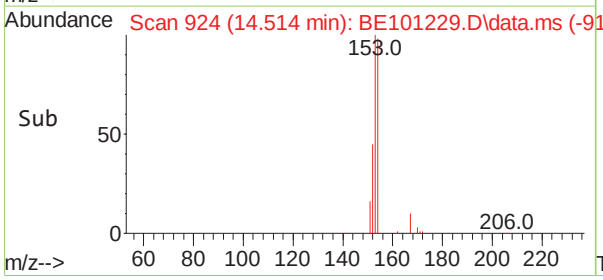


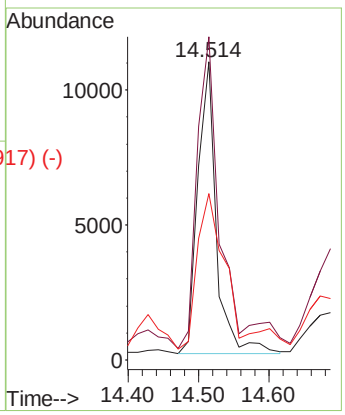
#17
Acenaphthene
Concen: 0.09 ng
RT: 14.514 min Scan# 924
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

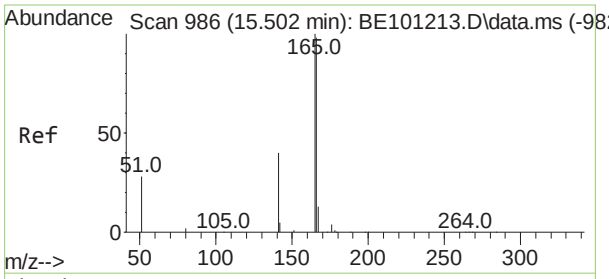
Tgt Ion:154 Resp: 19541

Ion	Ratio	Lower	Upper
154	100		
153	126.6	84.9	127.3
152	78.8	42.7	64.1#





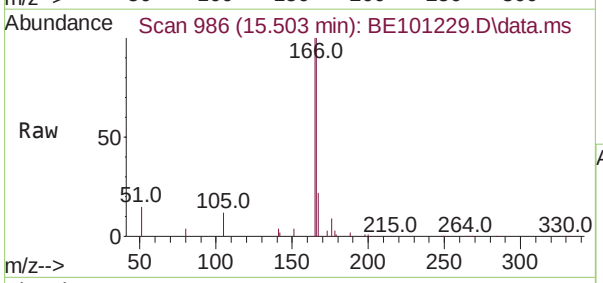


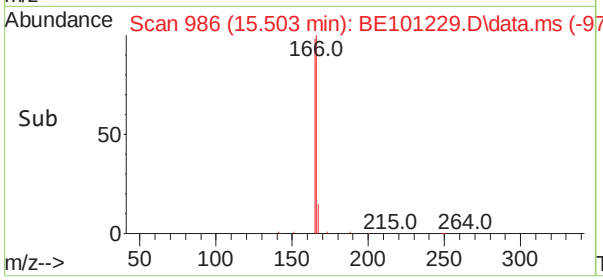


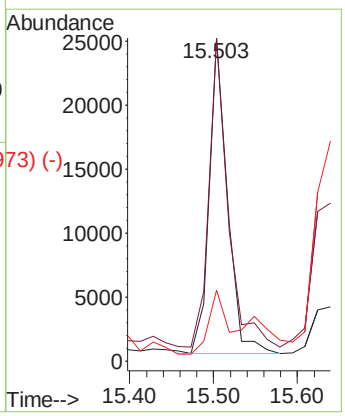
#18
Fluorene
Concen: 0.13 ng
RT: 15.503 min Scan# 986
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:166 Resp: 37087

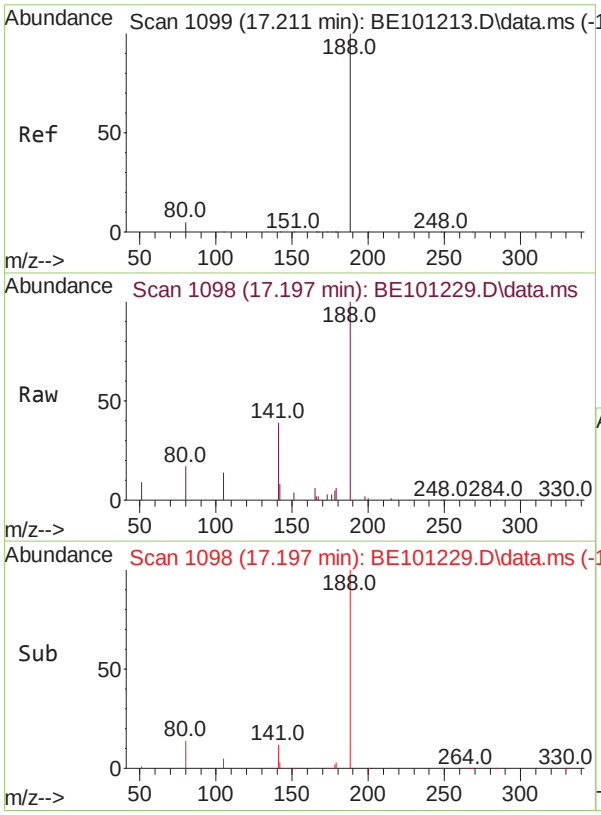
Ion	Ratio	Lower	Upper
166	100		
165	103.9	79.0	118.4
167	23.5	11.0	16.4#







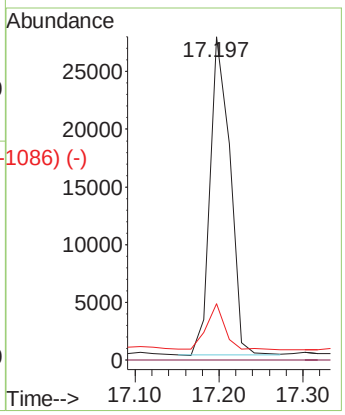
Instrument :
BNA_E
ClientSampleId :
BES-12SR

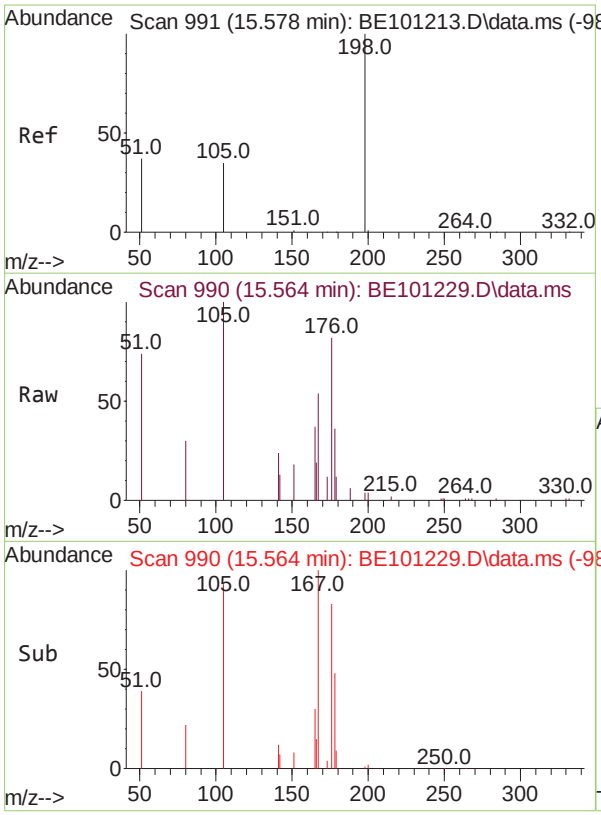


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.013 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:188 Resp: 45659

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.4	4.6	6.8#

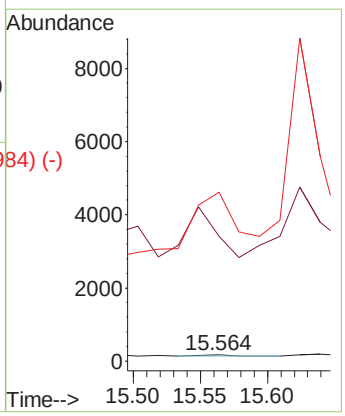




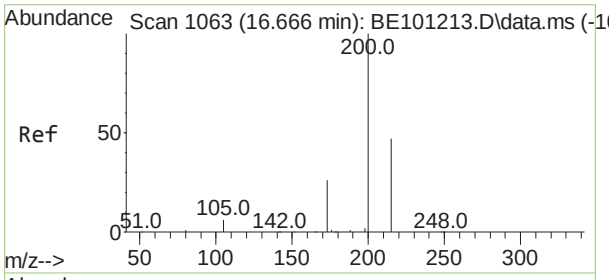
#20
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 15.564 min Scan# 990
Delta R.T. -0.013 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:198 Resp: 89

Ion	Ratio	Lower	Upper
198	100		
51	1958.0	55.9	83.9#
105	2656.9	33.6	50.4#



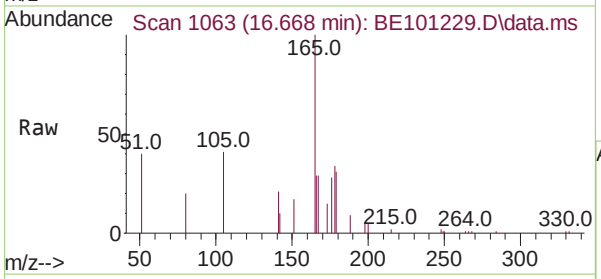
Instrument :
BNA_E
ClientSampleId :
BES-12SR

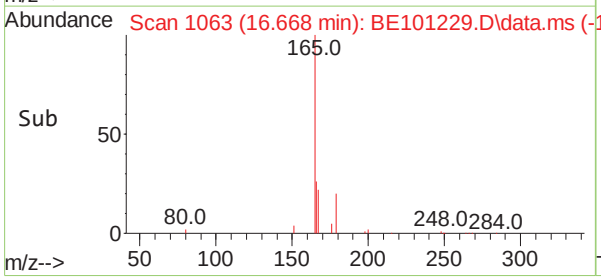


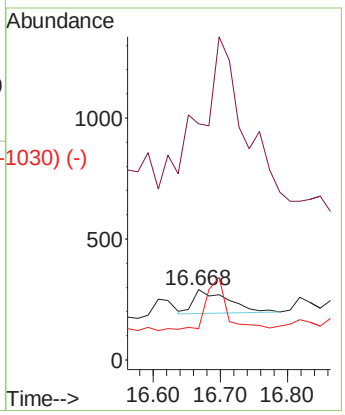
#23
Atrazine
Concen: 0.02 ng
RT: 16.668 min Scan# 1063
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

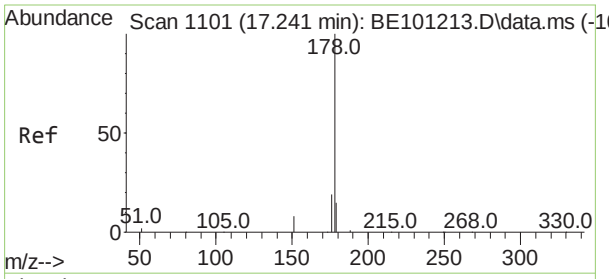
Tgt Ion:200 Resp: 345

Ion	Ratio	Lower	Upper
200	100		
173	336.2	21.9	32.9#
215	44.5	38.6	57.8





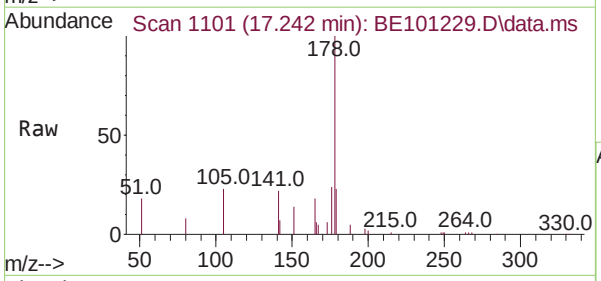


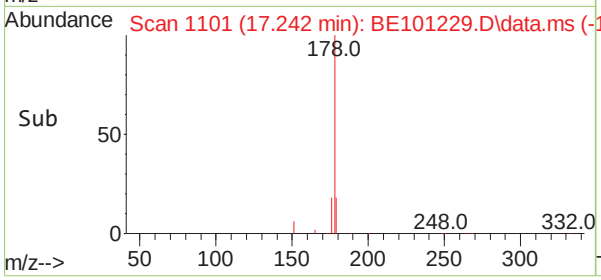


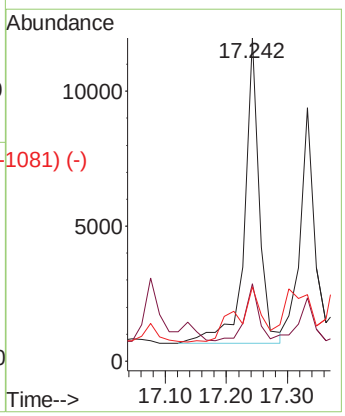
#25
Phenanthrene
Concen: 0.14 ng
RT: 17.242 min Scan# 1101
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:178 Resp: 19141

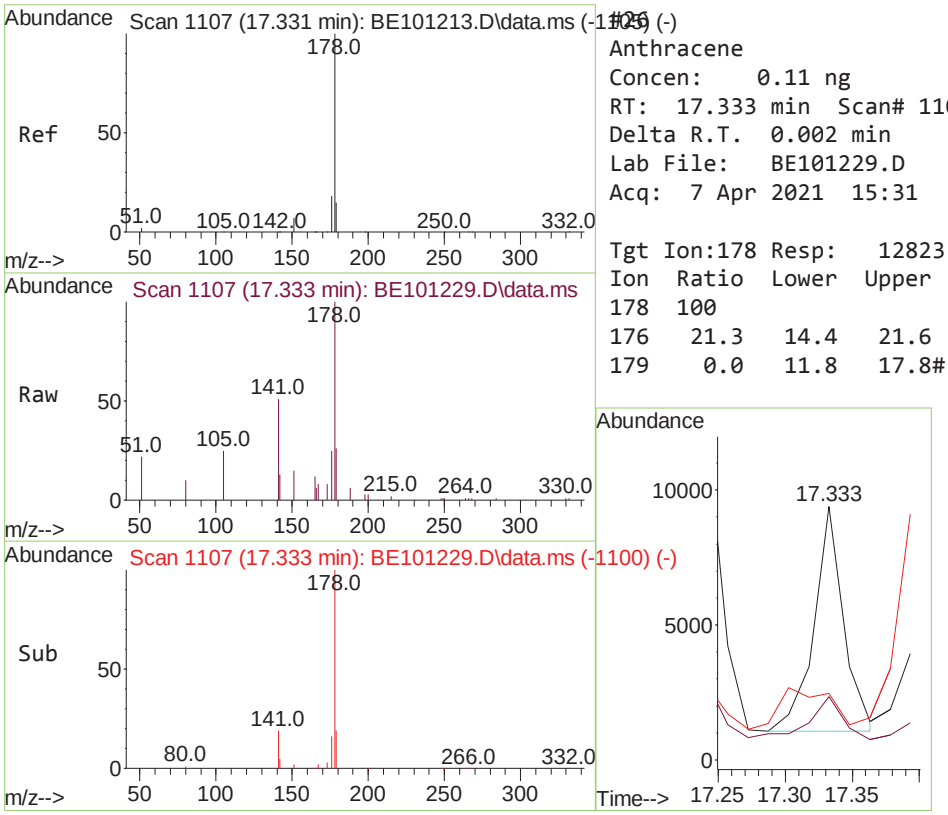
Ion	Ratio	Lower	Upper
178	100		
176	16.5	15.0	22.6
179	30.8	12.2	18.4#







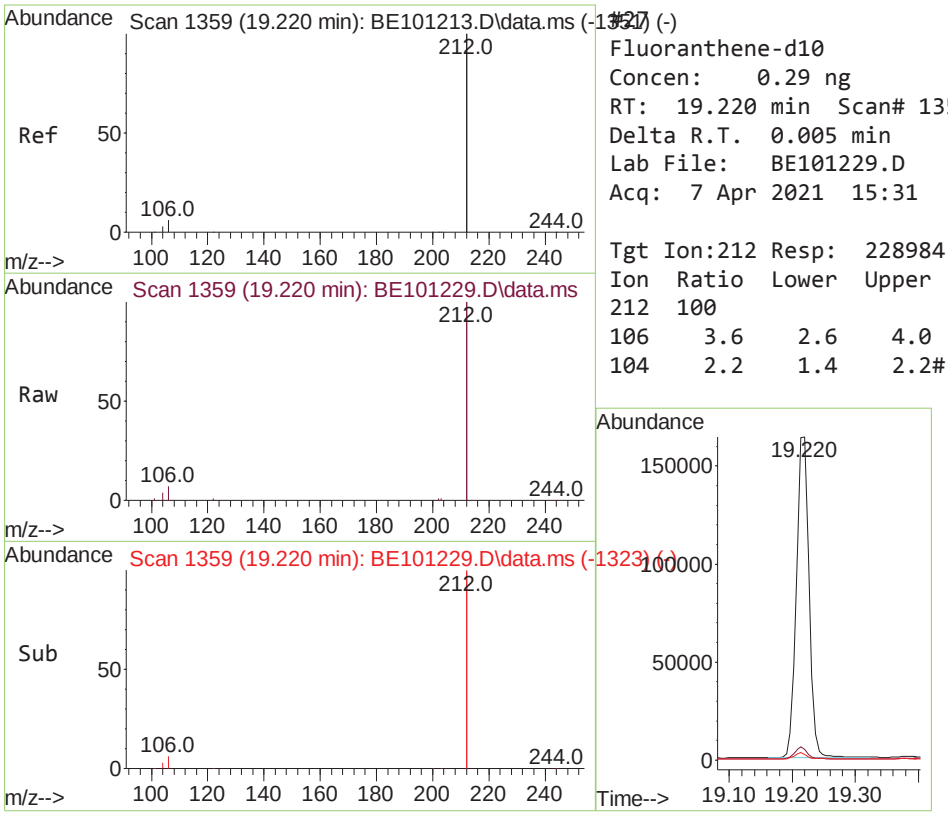
Instrument :
BNA_E
ClientSampleId :
BES-12SR



#26
Anthracene
Concen: 0.11 ng
RT: 17.333 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:178 Resp: 12823

Ion	Ratio	Lower	Upper
178	100		
176	21.3	14.4	21.6
179	0.0	11.8	17.8#

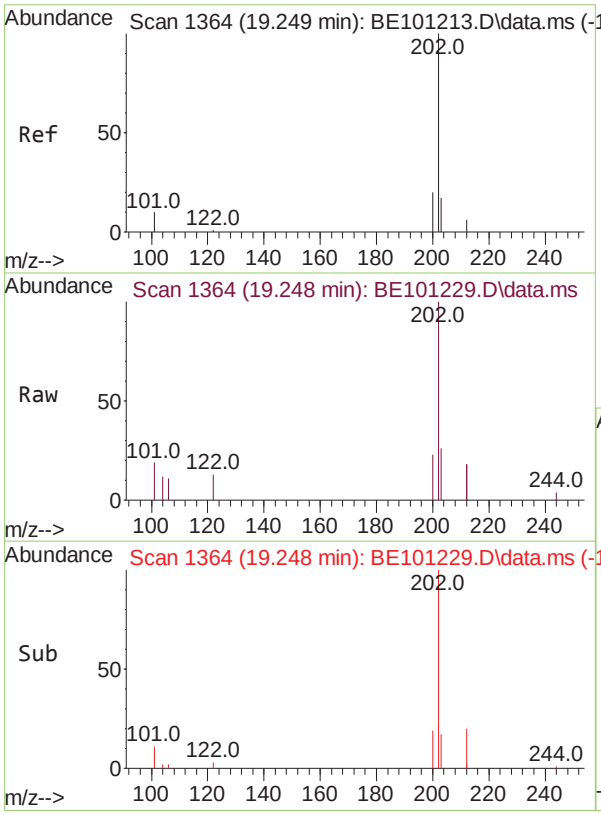


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.220 min Scan# 1359
Delta R.T. 0.005 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:212 Resp: 228984

Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	4.0
104	2.2	1.4	2.2#

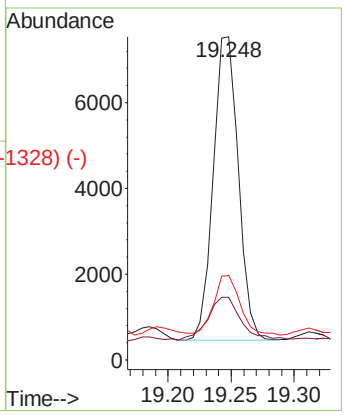
Instrument :
BNA_E
ClientSampleId :
BES-12SR

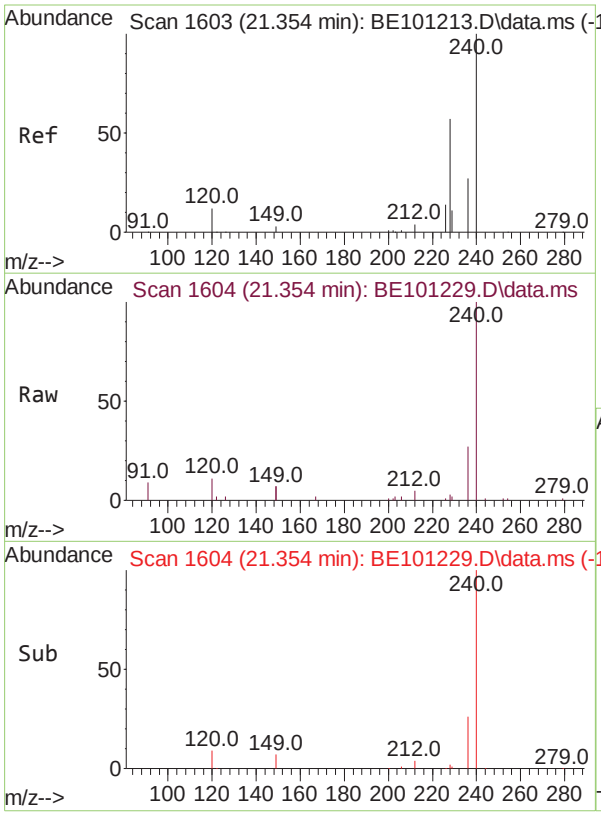


#28
Fluoranthene
Concen: 0.06 ng
RT: 19.248 min Scan# 1364
Delta R.T. 0.005 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:202 Resp: 9831

Ion	Ratio	Lower	Upper
202	100		
101	18.4	9.1	13.7#
203	20.7	13.6	20.4#

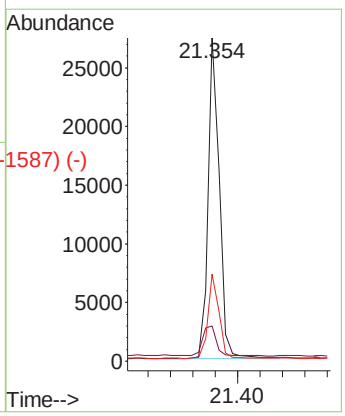




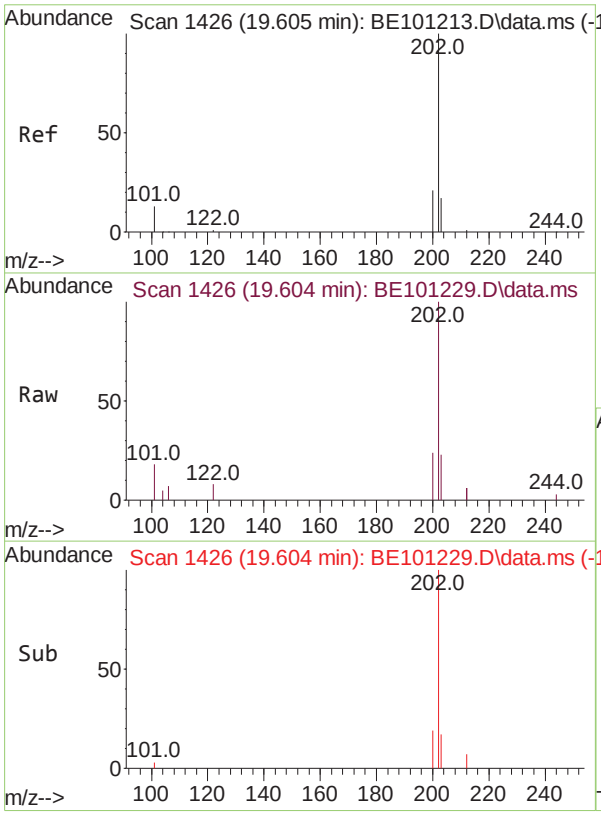
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.354 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:240 Resp: 38351

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.2	15.4
236	27.0	21.7	32.5



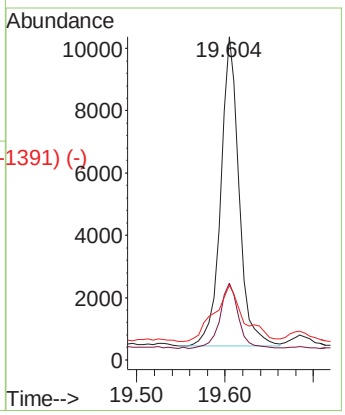
Instrument :
BNA_E
ClientSampleId :
BES-12SR

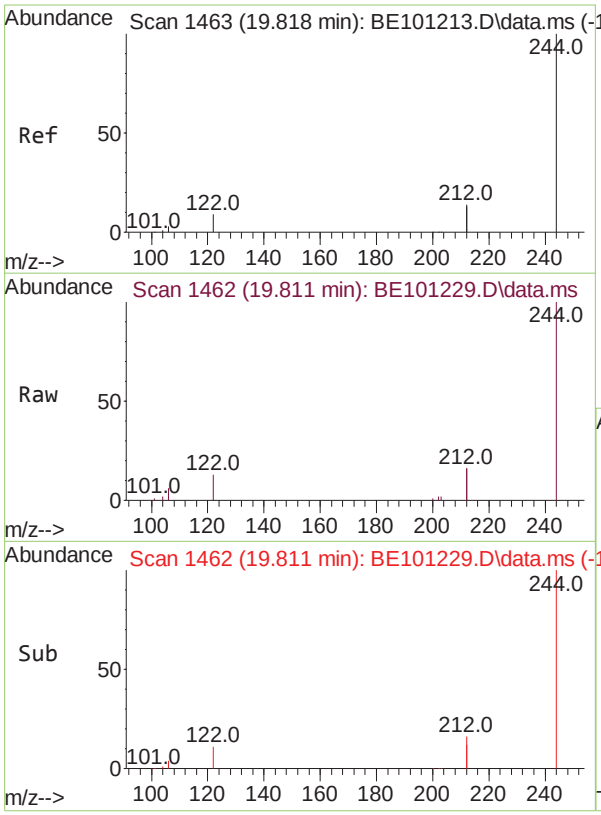


#30
Pyrene
Concen: 0.10 ng
RT: 19.604 min Scan# 1426
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:202 Resp: 14526

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.6	24.8
203	28.9	13.8	20.8#

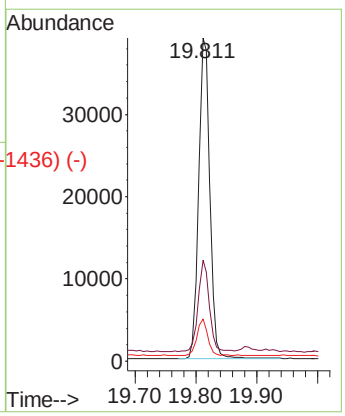




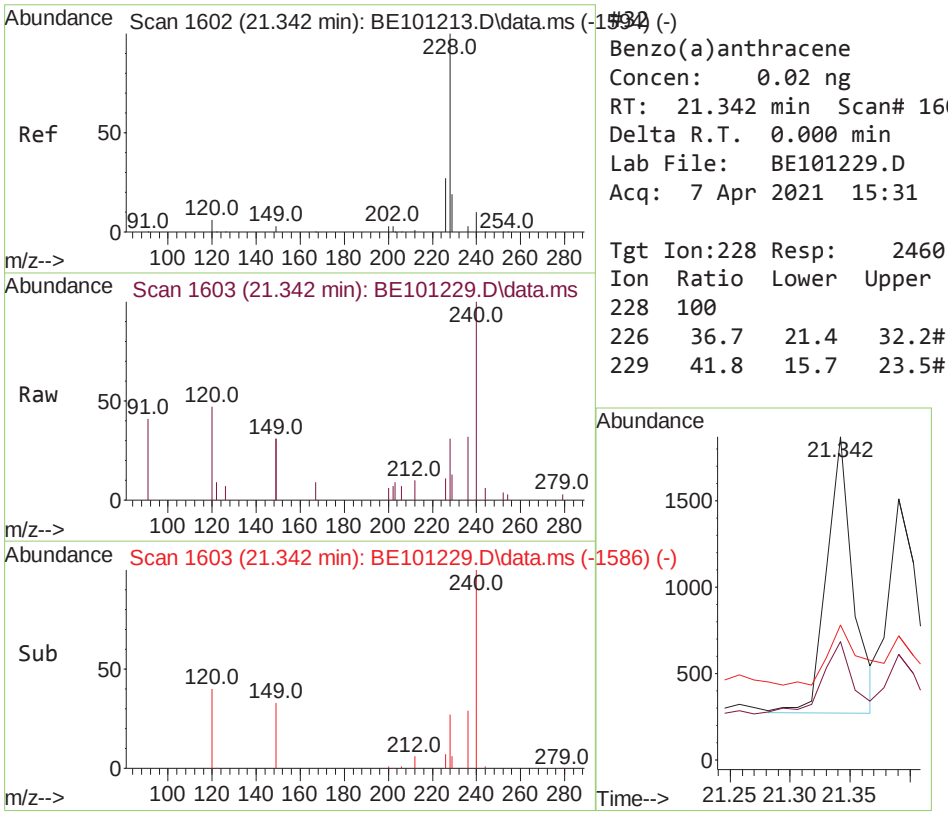
#34
Terphenyl-d14
Concen: 0.49 ng
RT: 19.811 min Scan# 1462
Delta R.T. -0.001 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:244 Resp: 50664

Ion	Ratio	Lower	Upper
244	100		
212	31.2	21.9	32.9
122	13.0	7.3	10.9#



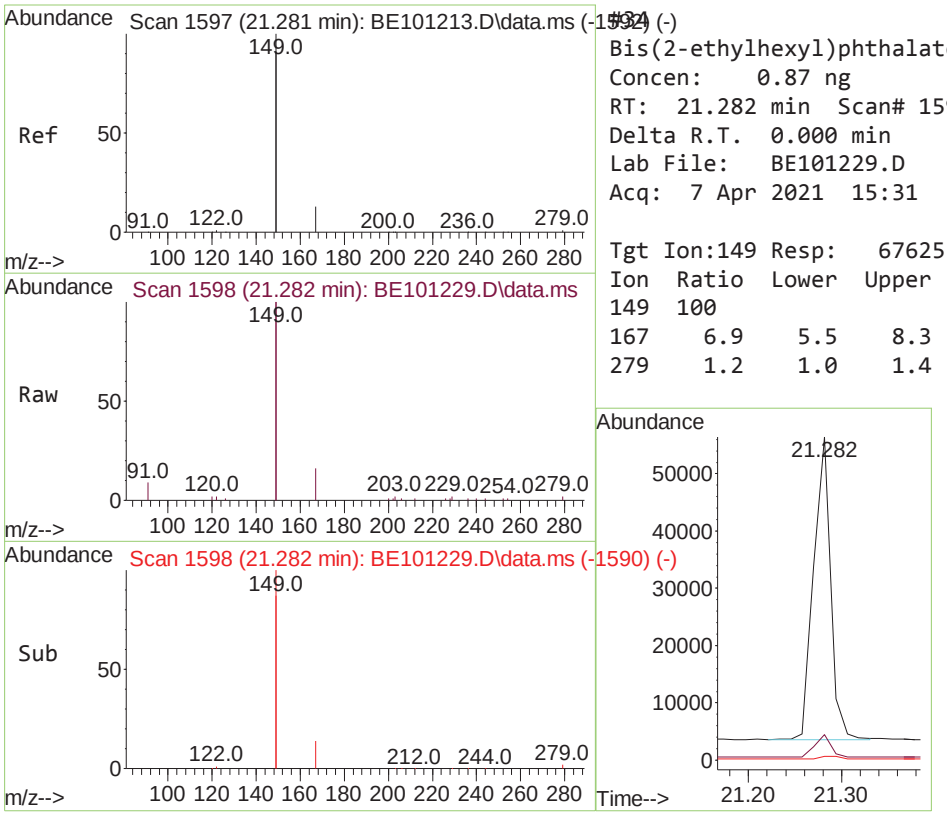
Instrument :
BNA_E
ClientSampleId :
BES-12SR



#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.342 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:228 Resp: 2460

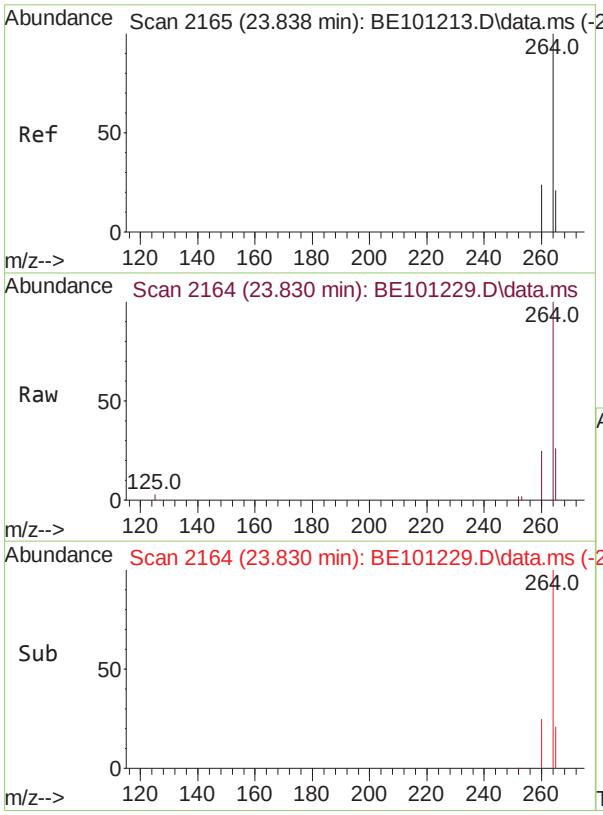
Ion	Ratio	Lower	Upper
228	100		
226	36.7	21.4	32.2#
229	41.8	15.7	23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.87 ng
RT: 21.282 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:149 Resp: 67625

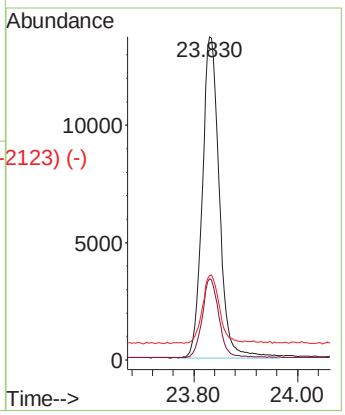
Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.5	8.3
279	1.2	1.0	1.4



Perylene-d12
Concen: 0.40 ng
RT: 23.830 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BE101229.D
Acq: 7 Apr 2021 15:31

Tgt Ion:264 Resp: 31180

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	26.2	22.4	33.6



Instrument :
BNA_E
ClientSampleId :
BES-12SR