Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040221\
Data File : BE101195.D
Acq On : 2 Apr 2021 14:16
Operator : CG/JU
Sample : M1843-13DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 02 15:02:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:03:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.838	152	4641	0.40	ng		0.00
7) Naphthalene-d8	10.628	136	20318	0.40	ng		0.00
13) Acenaphthene-d10	14.457	164	13368	0.40	ng		0.00
19) Phenanthrene-d10	17.210	188	33203	0.40	ng	#	0.00
29) Chrysene-d12	21.366	240	36920	0.40	ng		0.00
36) Perylene-d12	23.842	264	35296	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.431	112	1269	0.12	ng		0.00
5) Phenol-d6	6.998	99	1329	0.08	ng		0.00
8) Nitrobenzene-d5	8.978	82	2668	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.210	152	5785	0.17	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	533	0.22	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	9626	0.19	ng		0.00
27) Fluoranthene-d10	19.220	212	87236	0.21	ng		0.00
31) Terphenyl-d14	19.823	244	22121	0.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	18660	2.48	ng	#	92
6) bis(2-Chloroethyl)ether	7.262	93	388	0.03	ng		98
25) Phenanthrene	17.256	178	3921	0.04	ng		98
28) Fluoranthene	19.255	202	5769	0.05	ng		98
30) Pyrene	19.611	202	4854	0.04	ng	#	95
32) Benzo(a)anthracene	21.342	228	3352	0.04	ng		95
33) Chrysene	21.403	228	3464	0.03	ng		96
34) Bis(2-ethylhexyl)phtha...	21.282	149	7157	0.11	ng	#	98
35) Indeno(1,2,3-cd)pyrene	26.455	276	1892	0.03	ng	#	85
37) Benzo(b)fluoranthene	23.079	252	3359	0.04	ng	#	81
39) Benzo(a)pyrene	23.731	252	2391	0.03	ng	#	70
40) Dibenzo(a,h)anthracene	26.480	278	908	0.11	ng	#	61
41) Benzo(g,h,i)perylene	27.254	276	1924	0.02	ng	#	78

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

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Misc :
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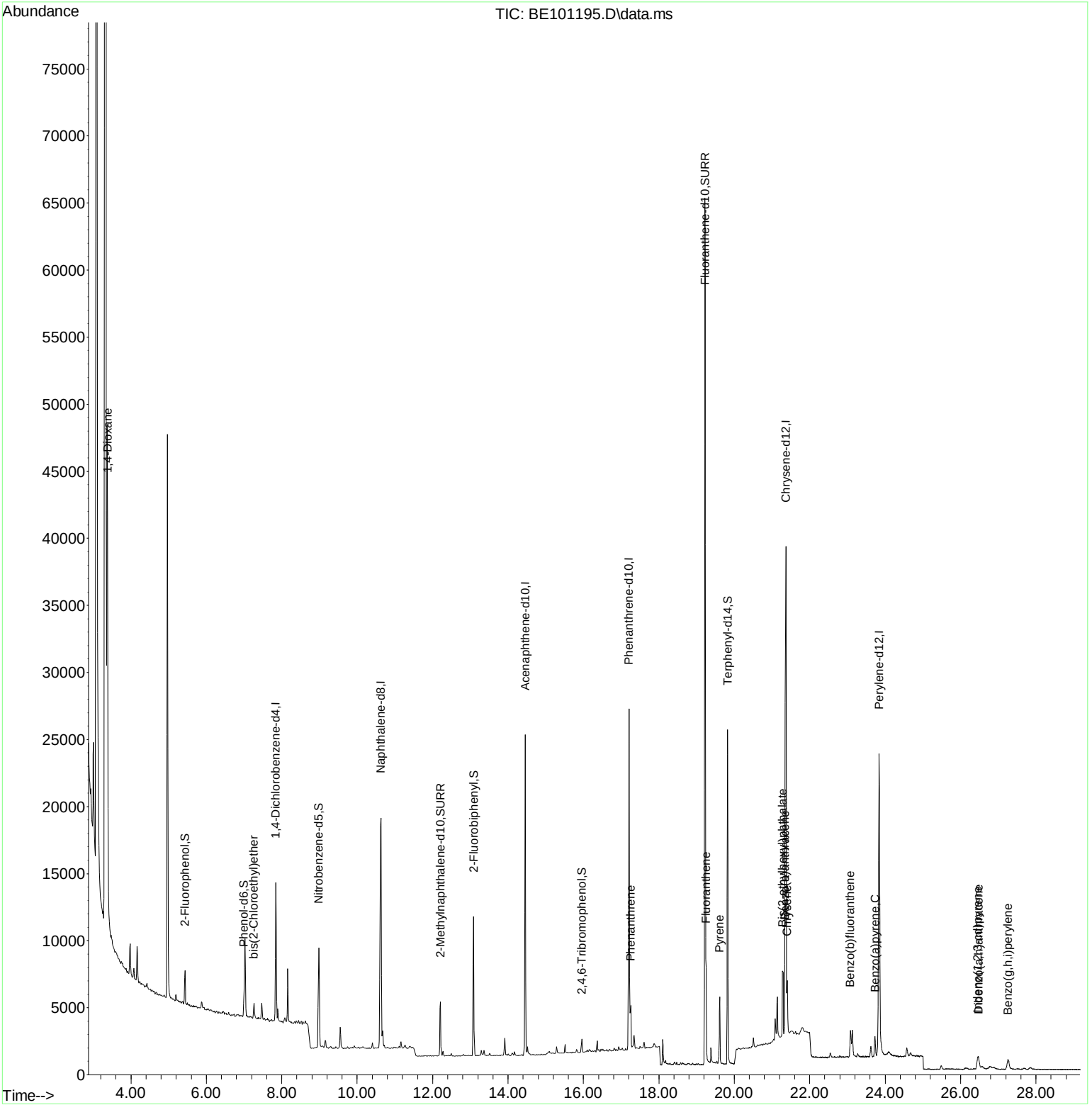
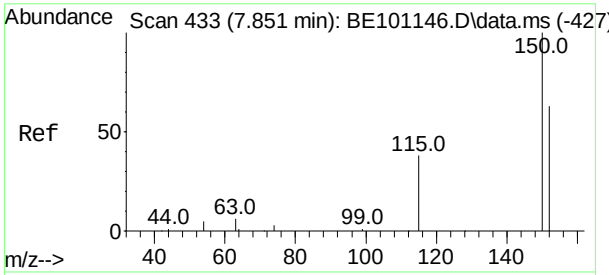
ClientSampleId :

Quant Time: Apr 02 15:02:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:03:59 2021
Response via : Initial Calibration



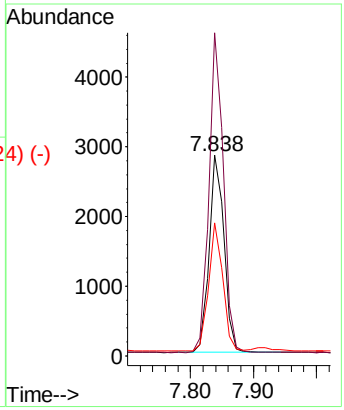
Instrument :
BNA_E
ClientSampleId :

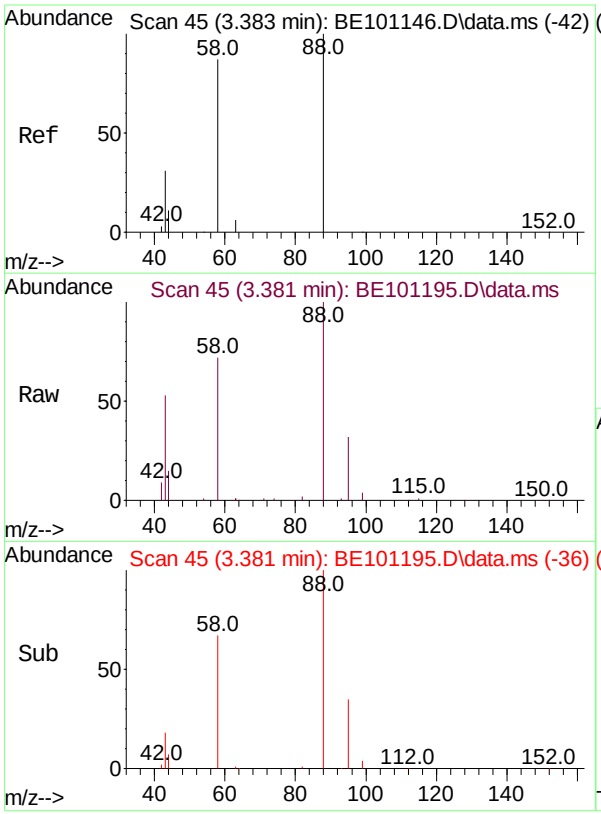


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. -0.003 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:152 Resp: 4641

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.3	189.5
115	66.1	48.9	73.3

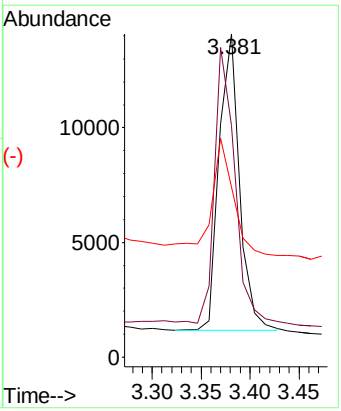




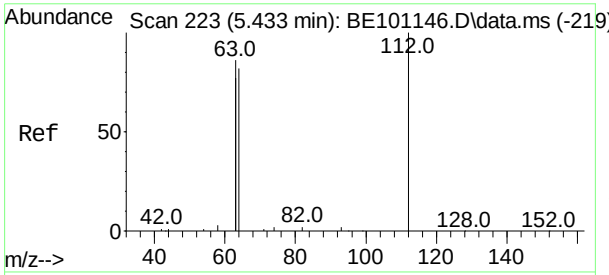
#2
1,4-Dioxane
Concen: 2.48 ng
RT: 3.381 min Scan# 45
Delta R.T. 0.008 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion: 88 Resp: 18660

Ion	Ratio	Lower	Upper
88	100		
58	90.6	68.5	102.7
43	42.2	27.2	40.8#



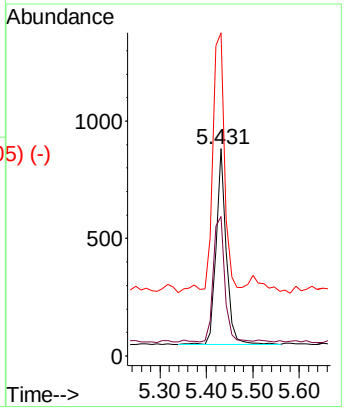
Instrument :
BNA_E
ClientSampleId :

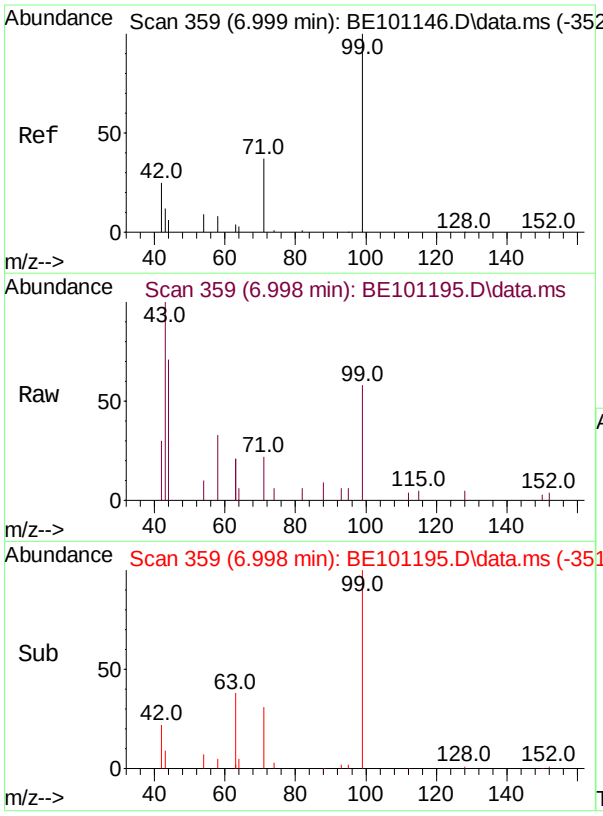


#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.008 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:112 Resp: 1269

Ion	Ratio	Lower	Upper
112	100		
64	72.7	60.8	91.2
63	158.3	119.4	179.0

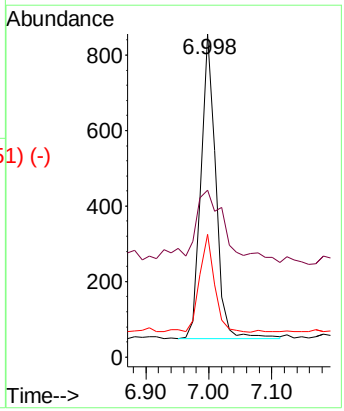




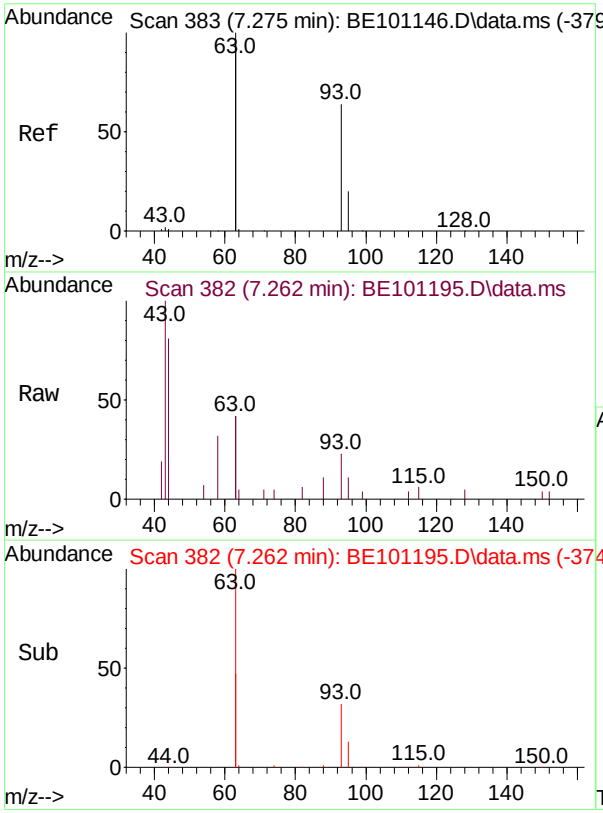
#5
Phenol-d6
Concen: 0.08 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.003 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion: 99 Resp: 1329

Ion	Ratio	Lower	Upper
99	100		
42	41.2	18.8	28.2#
71	33.3	26.3	39.5



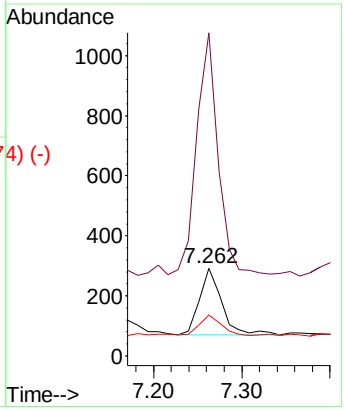
Instrument :
BNA_E
ClientSampleId :

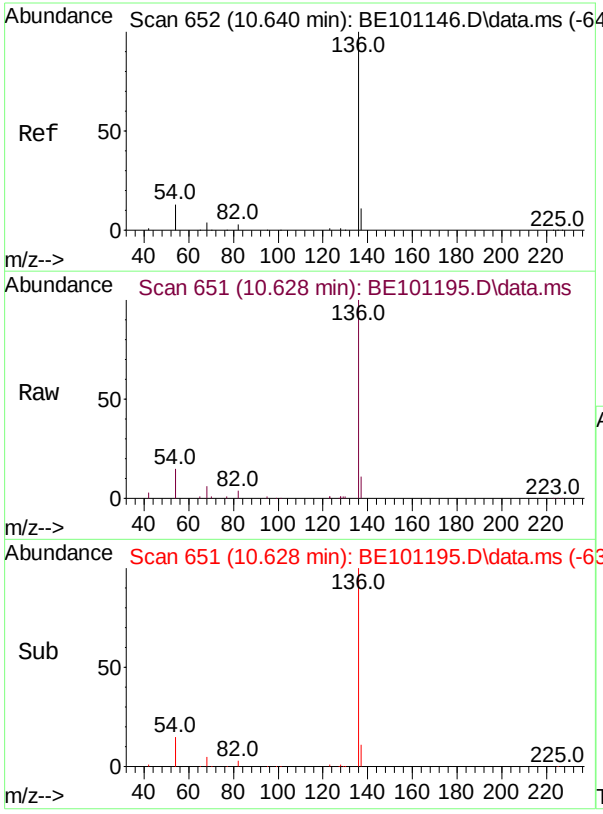


#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.262 min Scan# 382
Delta R.T. -0.003 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion: 93 Resp: 388

Ion	Ratio	Lower	Upper
93	100		
63	360.6	292.5	438.7
95	30.2	25.8	38.6

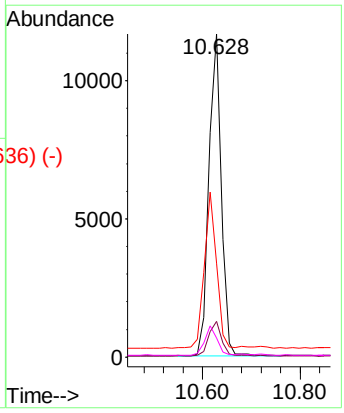




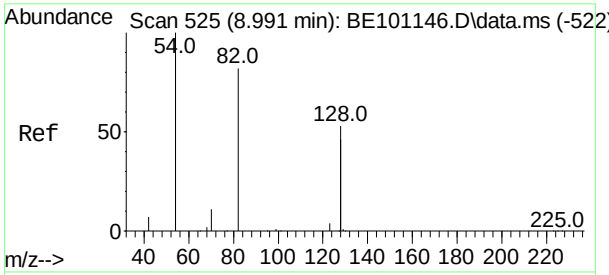
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:136 Resp: 20318

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	29.1	20.2	30.4
68	6.0	4.0	6.0



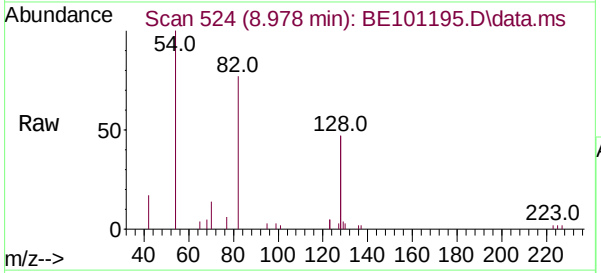
Instrument :
BNA_E
ClientSampleId :

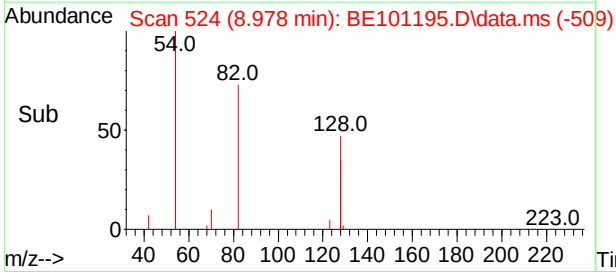


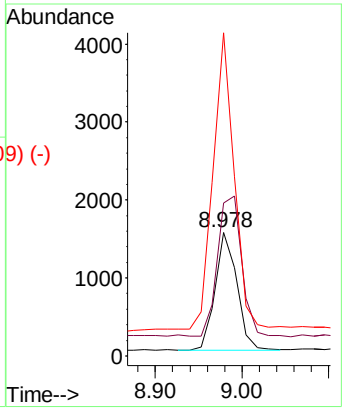
#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

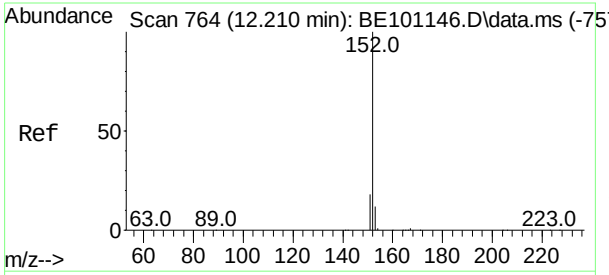
Tgt Ion: 82 Resp: 2668

Ion	Ratio	Lower	Upper
82	100		
128	123.8	101.5	152.3
54	261.1	189.8	284.6





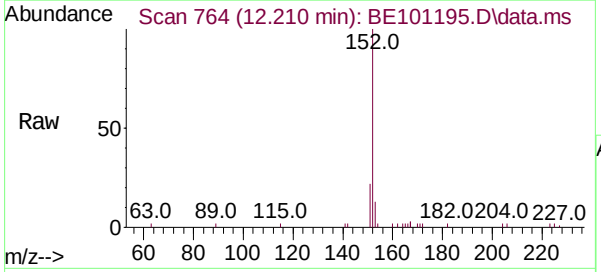


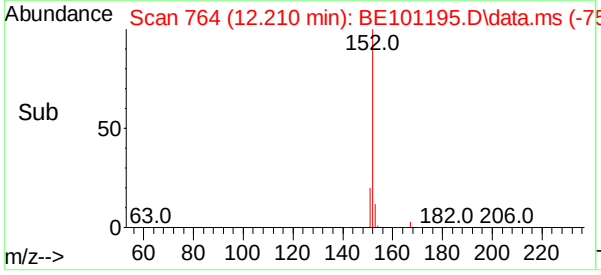


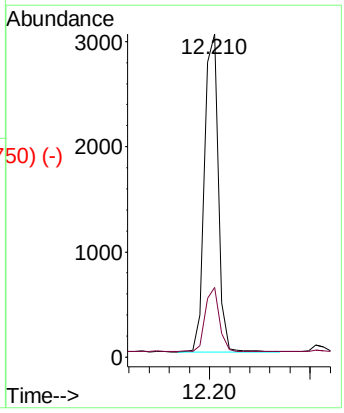
#11
2-Methylnaphthalene-d10
Concen: 0.17 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:152 Resp: 5785

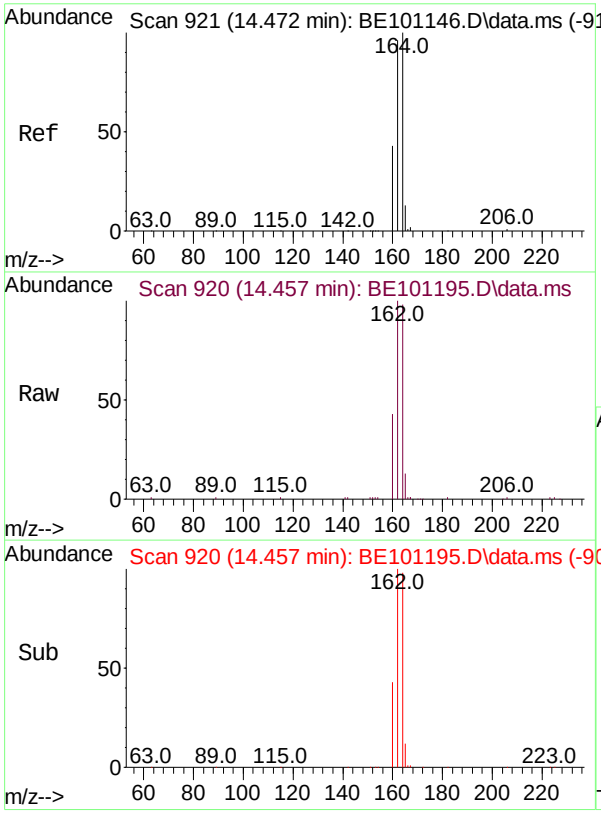
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8







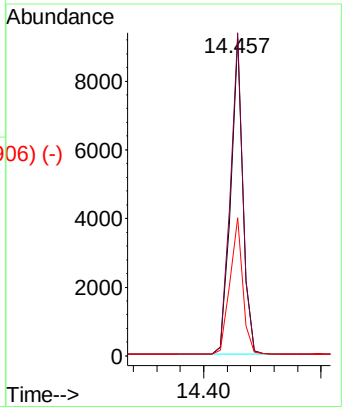
Instrument :
BNA_E
ClientSampleId :

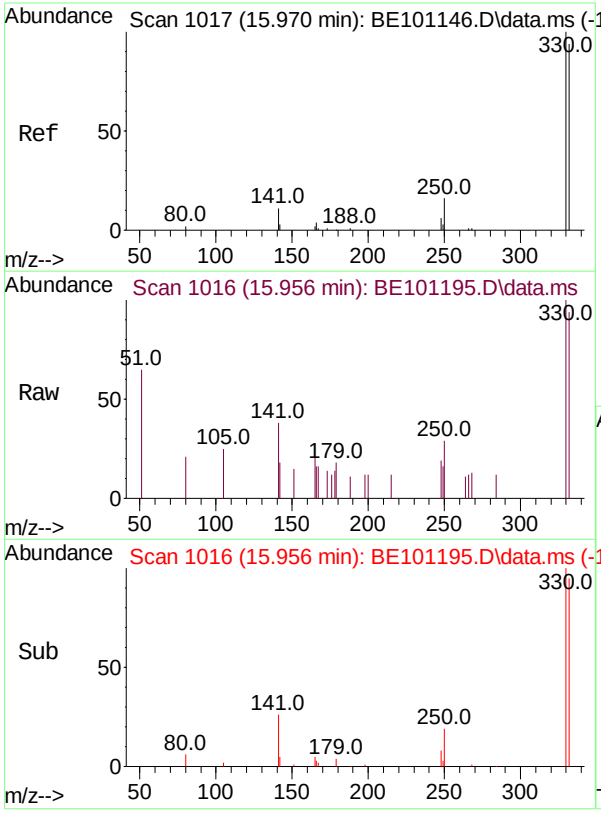


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:164 Resp: 13368

Ion	Ratio	Lower	Upper
164	100		
162	101.8	76.6	115.0
160	43.6	34.5	51.7

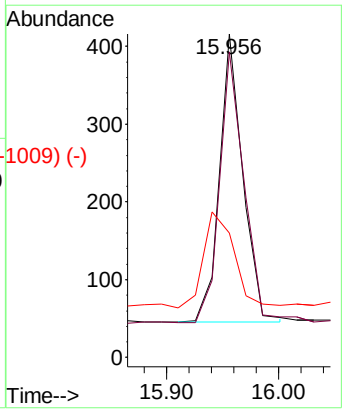




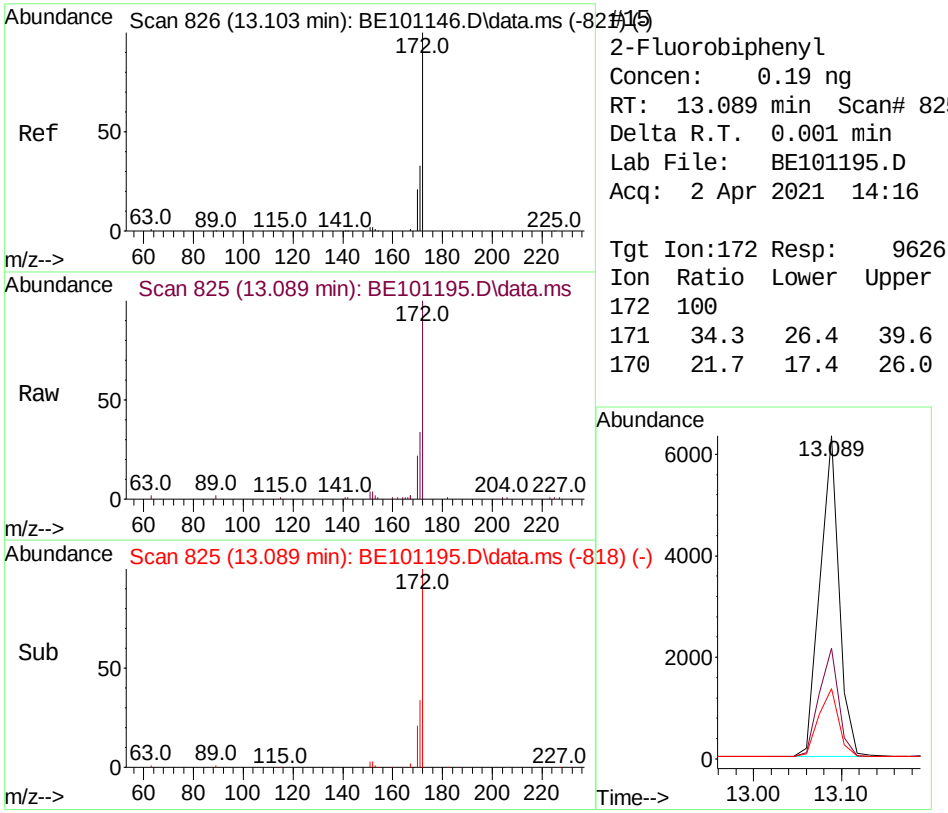
#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.956 min Scan# 1016
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:330 Resp: 533

Ion	Ratio	Lower	Upper
330	100		
332	98.5	69.1	103.7
141	43.9	30.6	45.8



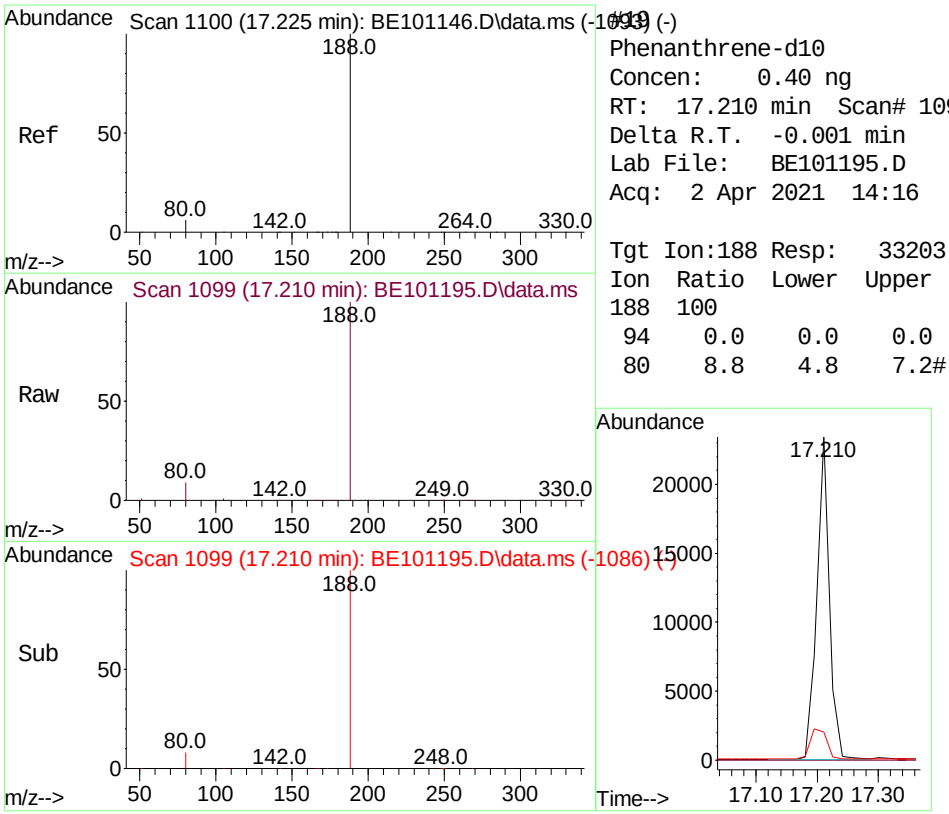
Instrument :
BNA_E
ClientSampleId :



#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 13.089 min Scan# 825
Delta R.T. 0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:172 Resp: 9626

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.4	39.6
170	21.7	17.4	26.0

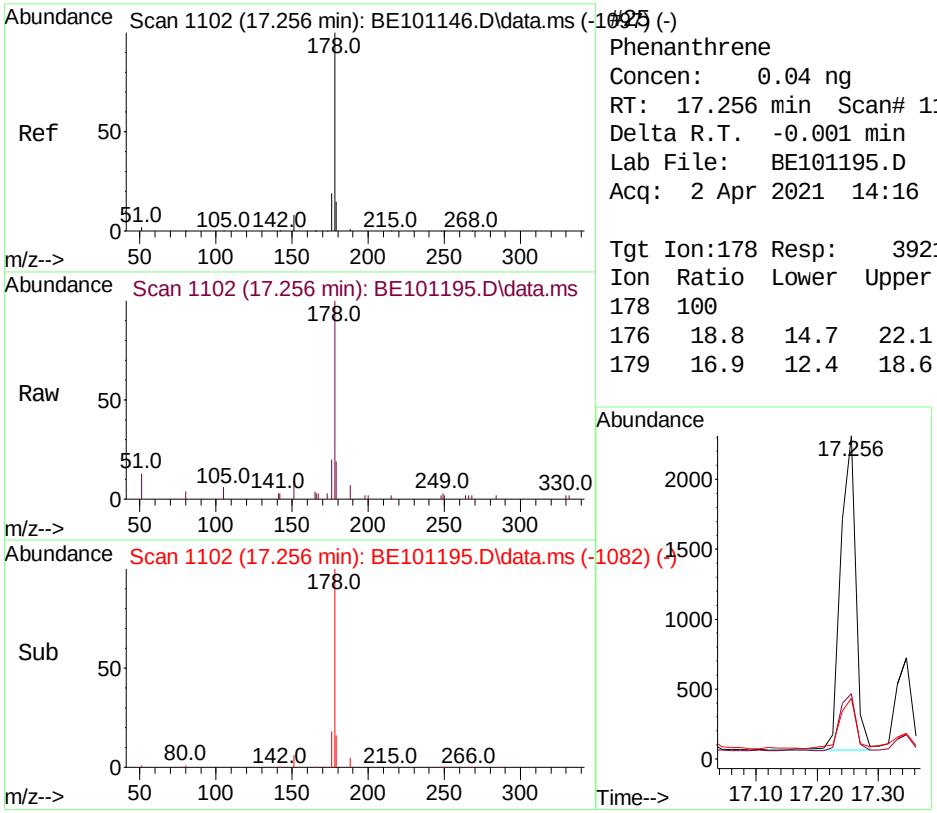


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.210 min Scan# 1099
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:188 Resp: 33203

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	4.8	7.2#

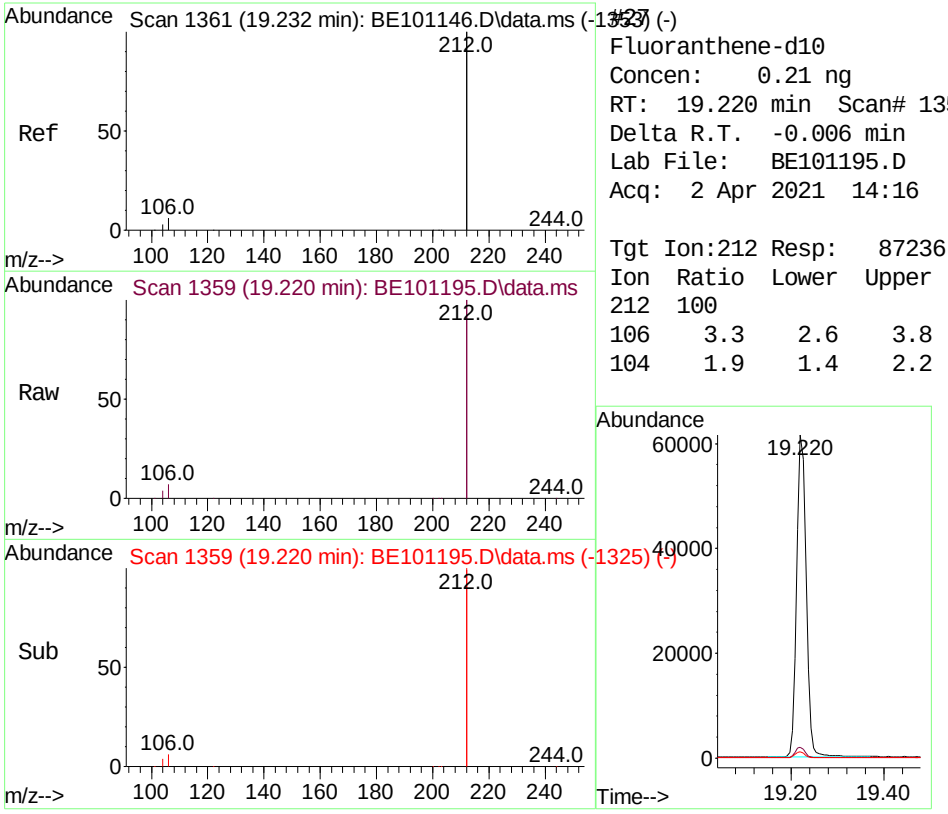
Instrument :
BNA_E
ClientSampleId :



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.256 min Scan# 1102
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:178 Resp: 3921

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	16.9	12.4	18.6

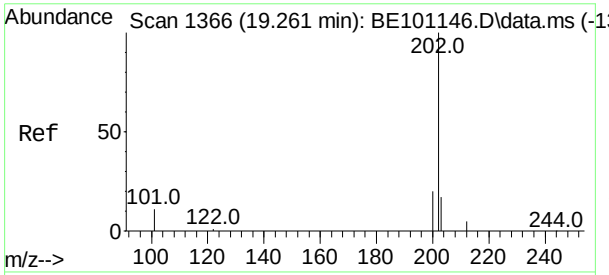


#27
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.220 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:212 Resp: 87236

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

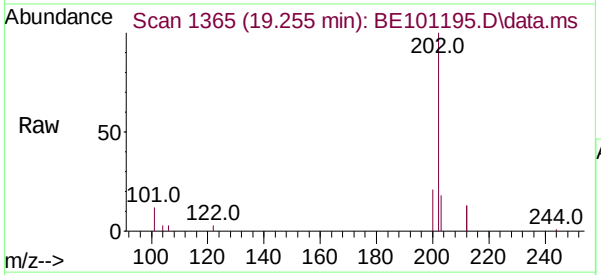
Instrument :
BNA_E
ClientSampleId :

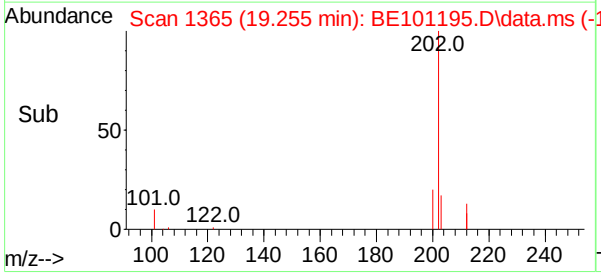


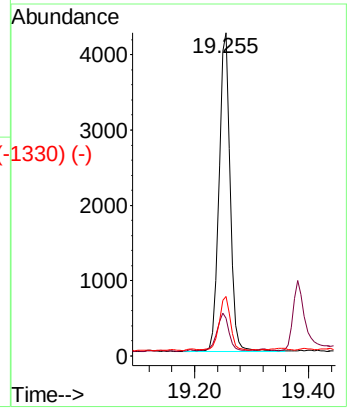
#28
Fluoranthene
Concen: 0.05 ng
RT: 19.255 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

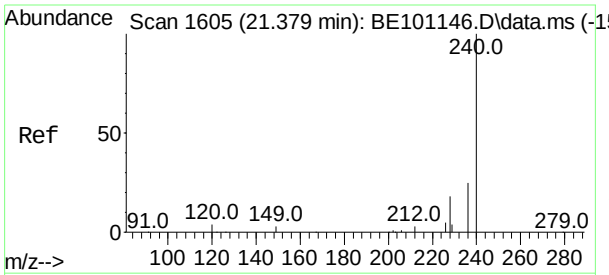
Tgt Ion:202 Resp: 5769

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.9	13.3
203	17.0	13.8	20.6





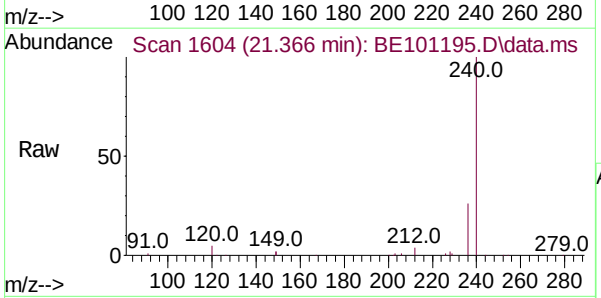


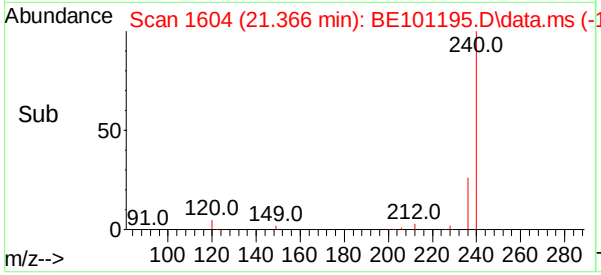


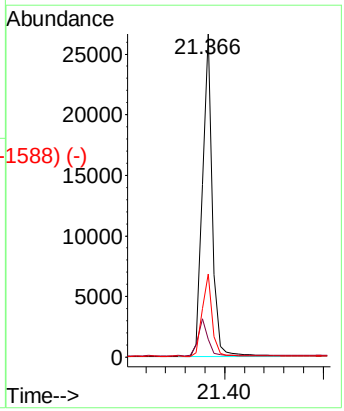
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:240 Resp: 36920

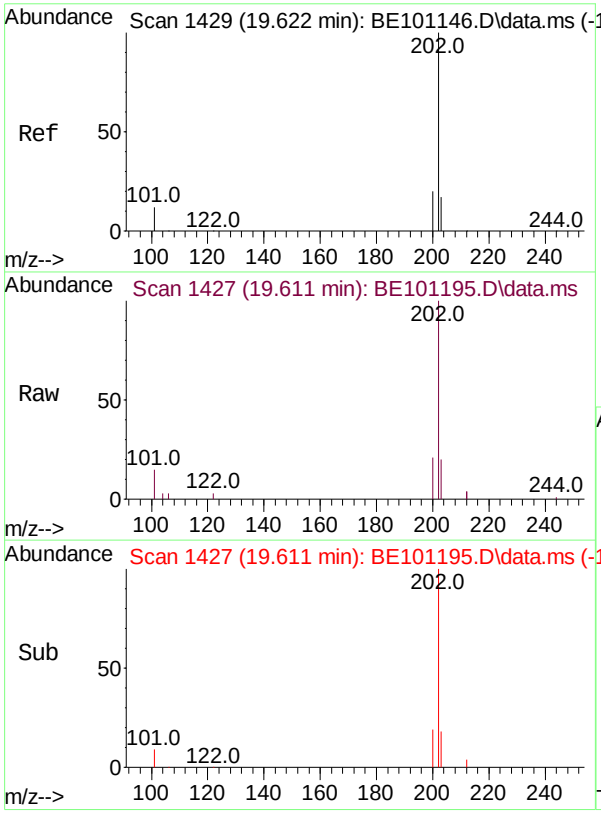
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.1	6.1
236	25.7	20.3	30.5







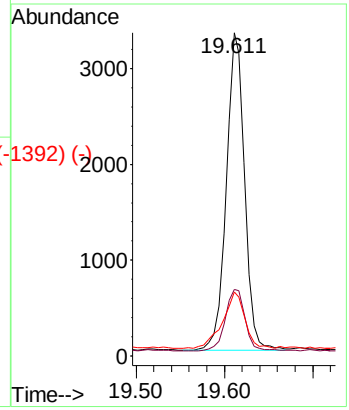
Instrument :
BNA_E
ClientSampleId :

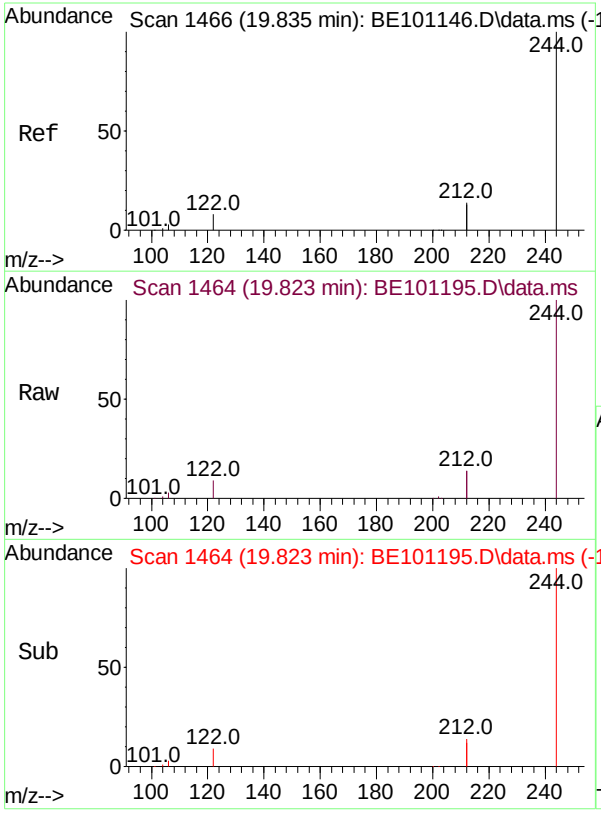


#30
Pyrene
Concen: 0.04 ng
RT: 19.611 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:202 Resp: 4854

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.2	24.2
203	21.5	13.9	20.9#

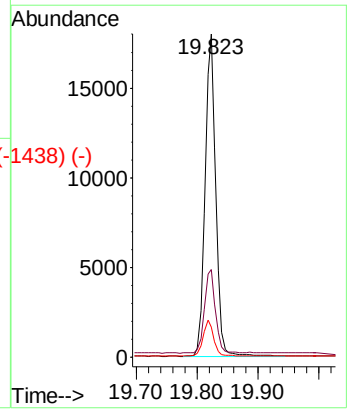




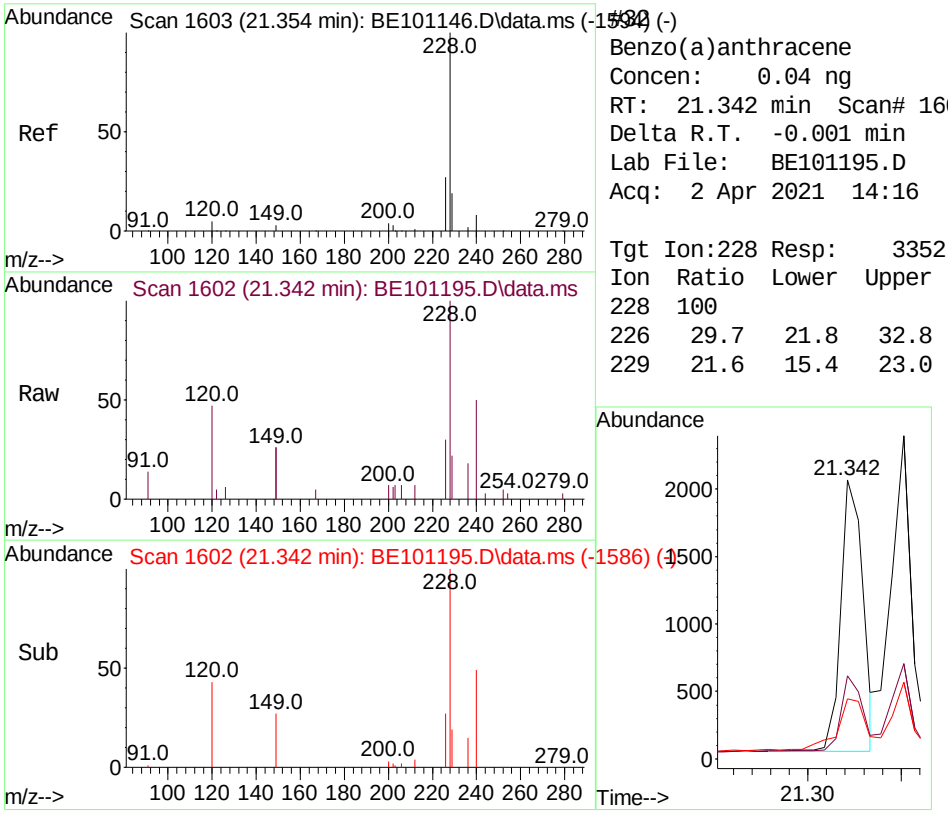
#31
Terphenyl-d14
Concen: 0.26 ng
RT: 19.823 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:244 Resp: 22121

Ion	Ratio	Lower	Upper
244	100		
212	27.1	21.7	32.5
122	9.2	6.6	10.0



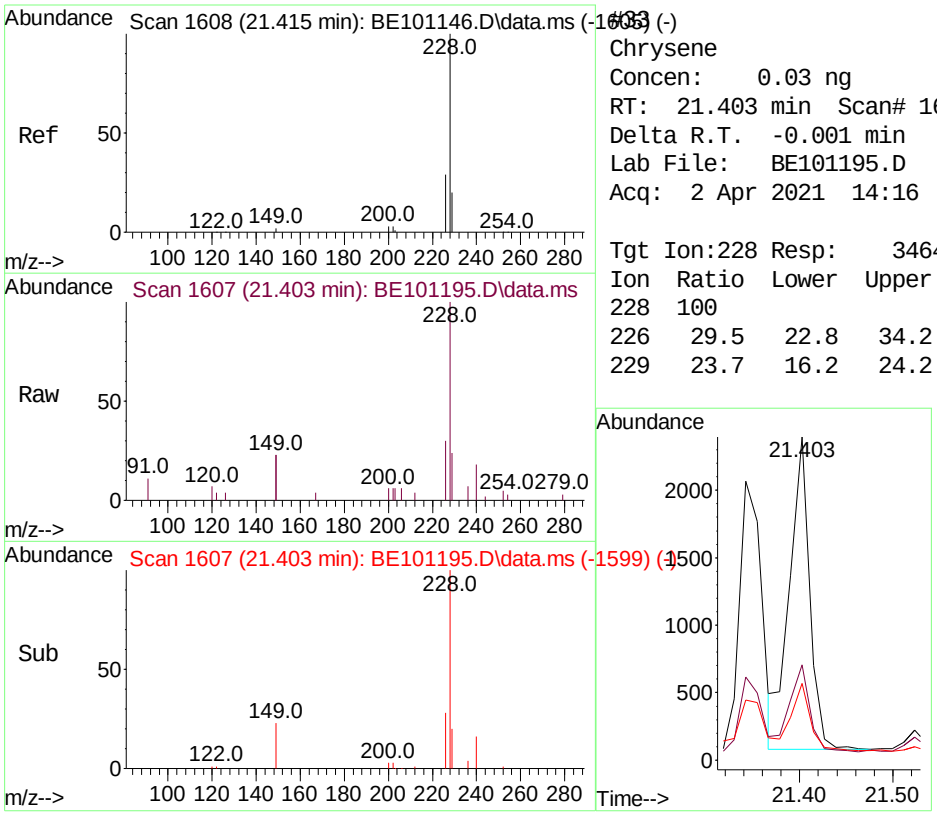
Instrument :
BNA_E
ClientSampleId :



#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.342 min Scan# 1602
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:228 Resp: 3352

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.8
229	21.6	15.4	23.0

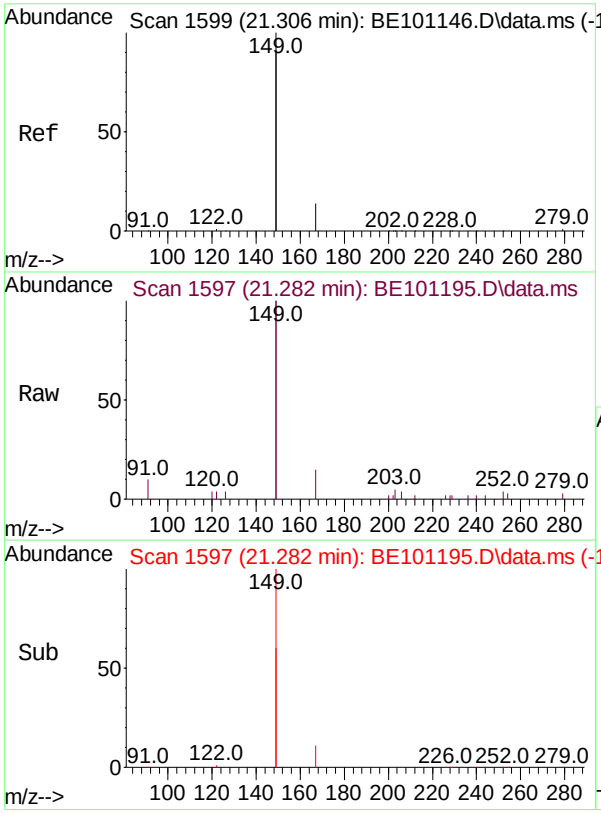


#33
Chrysene
Concen: 0.03 ng
RT: 21.403 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:228 Resp: 3464

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.8	34.2
229	23.7	16.2	24.2

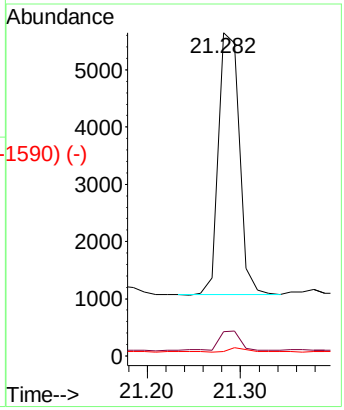
Instrument :
BNA_E
ClientSampleId :

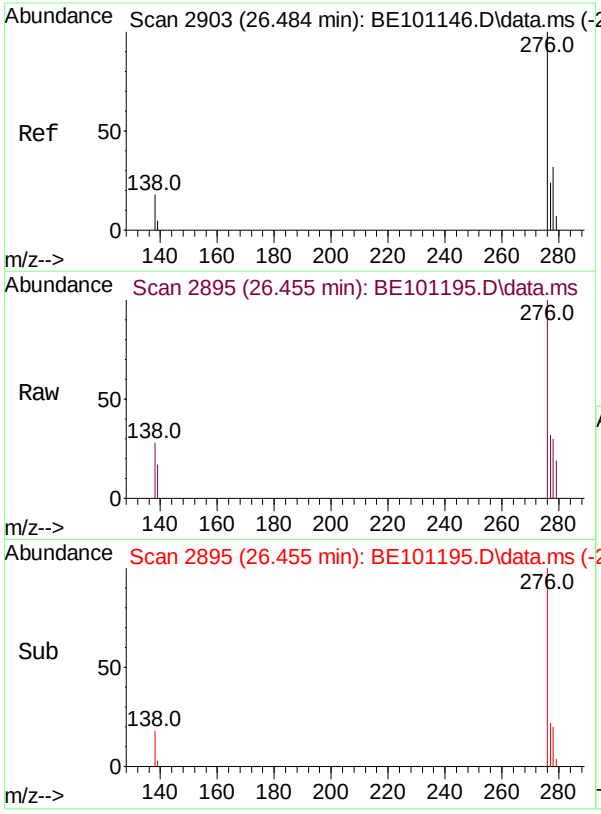


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.282 min Scan# 1597
Delta R.T. -0.013 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:149 Resp: 7157

Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.2
279	1.5	0.9	1.3#

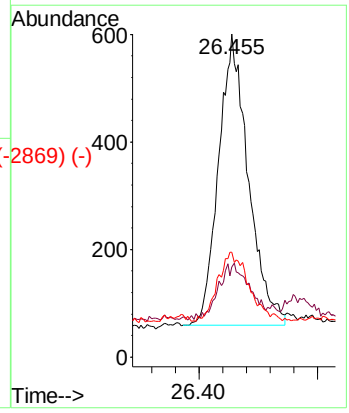


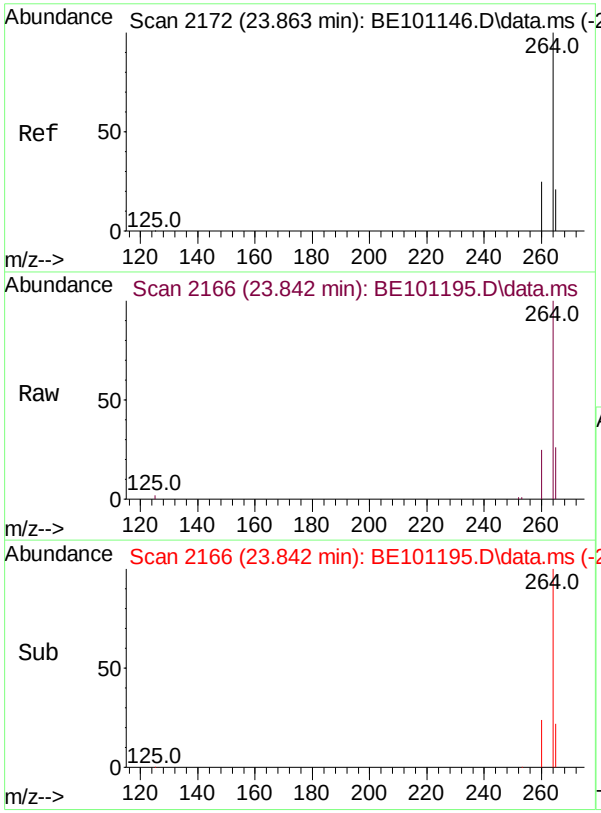


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.455 min Scan# 2895
Delta R.T. -0.007 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:276 Resp: 1892

Ion	Ratio	Lower	Upper
276	100		
138	7.2	17.1	25.7#
277	23.9	19.8	29.8

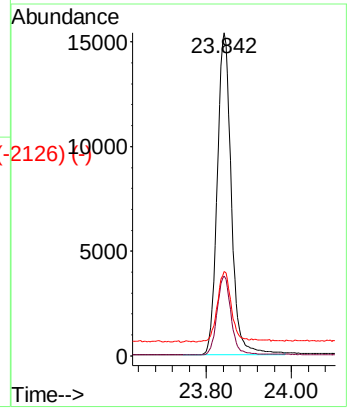




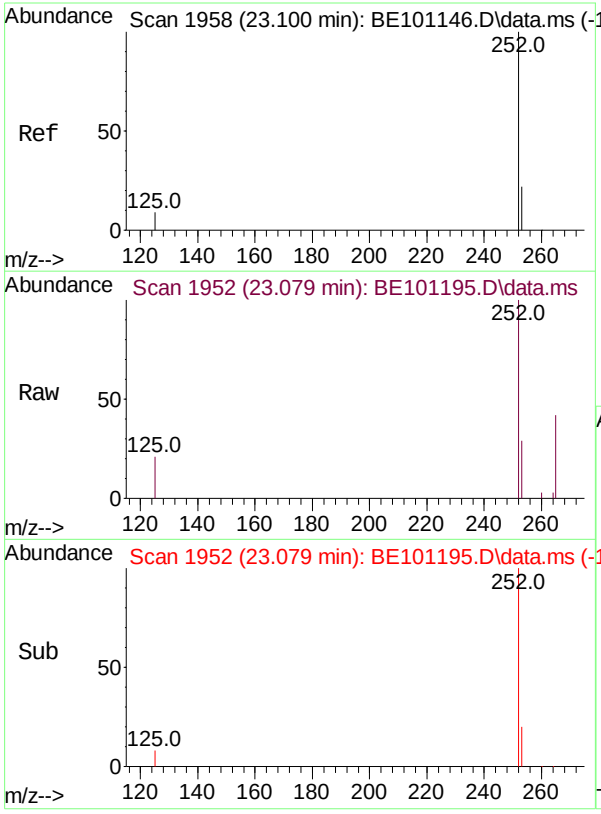
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.842 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:264 Resp: 35296

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	26.2	20.6	30.8



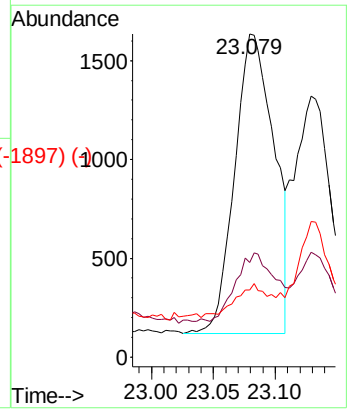
Instrument :
BNA_E
ClientSampleId :



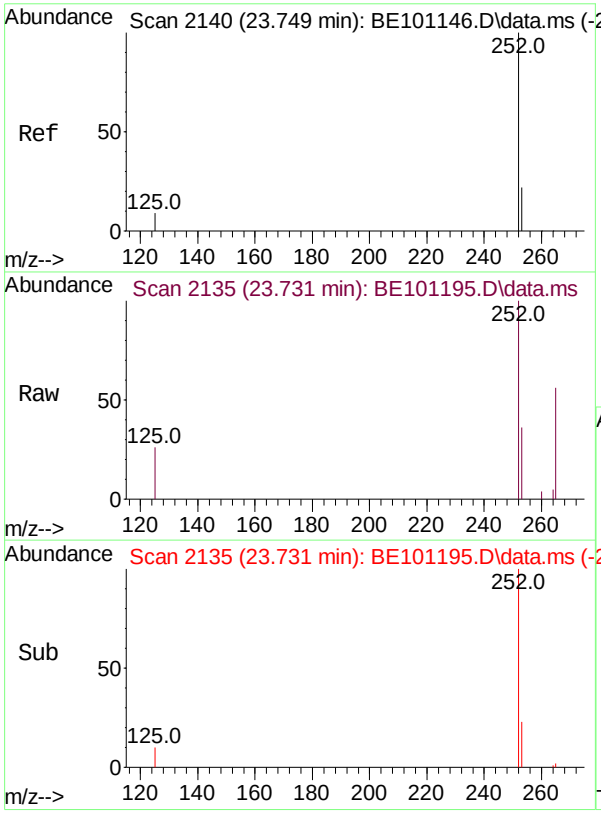
#37
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 23.079 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:252 Resp: 3359

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.8	26.8#
125	20.7	7.5	11.3#



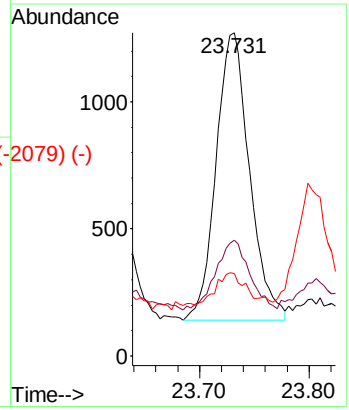
Instrument :
BNA_E
ClientSampleId :

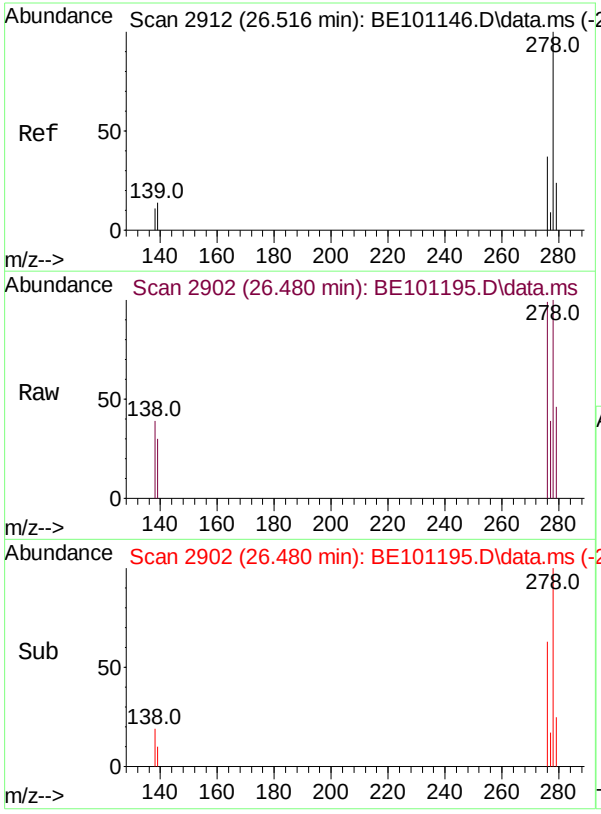


#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.731 min Scan# 2135
Delta R.T. -0.002 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:252 Resp: 2391

Ion	Ratio	Lower	Upper
252	100		
253	35.8	18.6	28.0#
125	25.6	8.3	12.5#

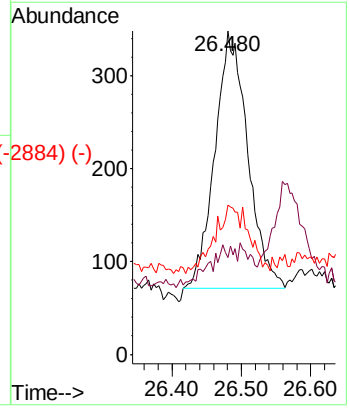


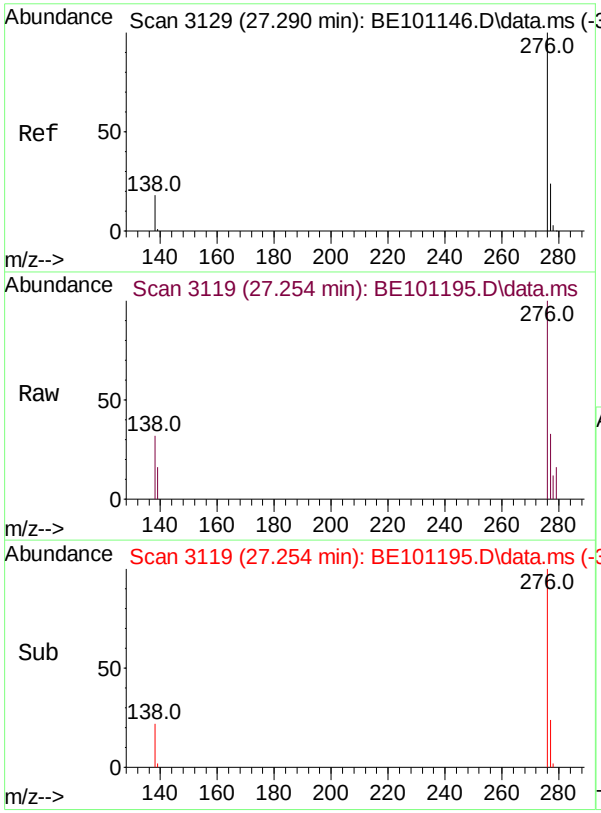


#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.480 min Scan# 2902
Delta R.T. -0.014 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:278 Resp: 908

Ion	Ratio	Lower	Upper
278	100		
139	29.9	12.0	18.0#
279	46.3	20.2	30.4#

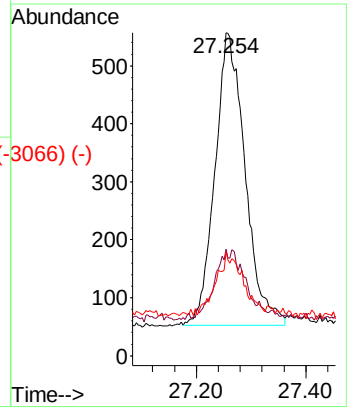




#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 27.254 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BE101195.D
Acq: 2 Apr 2021 14:16

Tgt Ion:276 Resp: 1924

Ion	Ratio	Lower	Upper
276	100		
277	33.0	19.7	29.5#
138	32.1	15.3	22.9#



Instrument :
BNA_E
ClientSampleId :