Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE032421\
Data File : BE101145.D
Acq On : 24 Mar 2021 12:00
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 24 13:23:31 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 24 13:22:06 2021
Response via : Initial Calibration

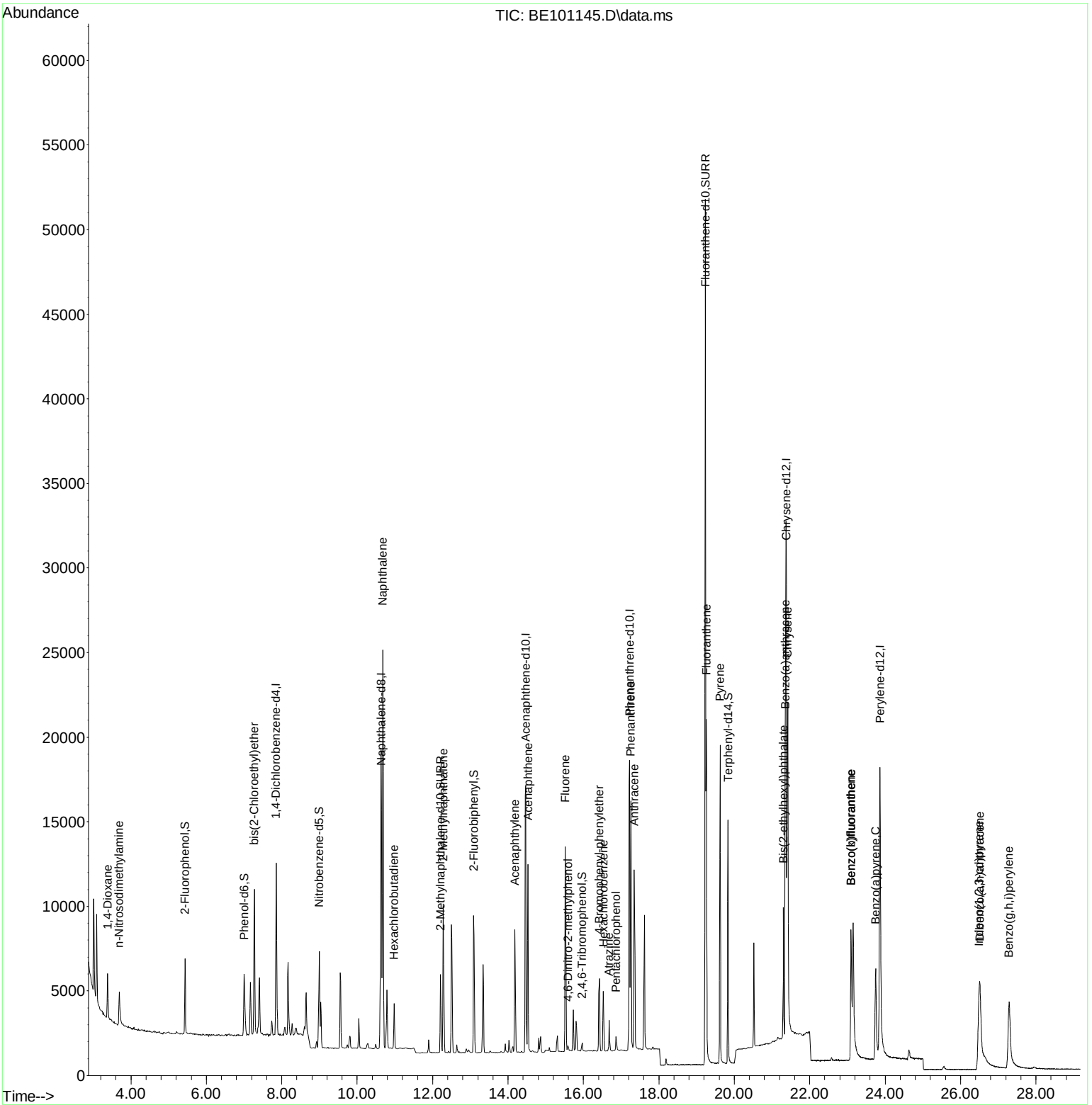
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.850	152	4655	0.40	ng		0.00
7) Naphthalene-d8	10.641	136	19163	0.40	ng		0.00
13) Acenaphthene-d10	14.472	164	11113	0.40	ng		0.00
19) Phenanthrene-d10	17.226	188	29150	0.40	ng		0.00
29) Chrysene-d12	21.378	240	31571	0.40	ng		0.00
36) Perylene-d12	23.863	264	29102	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.431	112	2123	0.19	ng		0.00
5) Phenol-d6	7.009	99	3338	0.19	ng		0.01
8) Nitrobenzene-d5	8.991	82	2027	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.210	152	5820	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.971	330	326	0.16	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	8287	0.20	ng		-0.01
27) Fluoranthene-d10	19.232	212	67152	0.18	ng		0.00
31) Terphenyl-d14	19.835	244	13791	0.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	1640	0.21	ng		97
3) n-Nitrosodimethylamine	3.692	42	1514	0.18	ng	#	94
6) bis(2-Chloroethyl)ether	7.274	93	2788	0.20	ng		96
9) Naphthalene	10.680	128	37849	0.19	ng		100
10) Hexachlorobutadiene	10.979	225	1745	0.20	ng		99
12) 2-Methylnaphthalene	12.282	142	6195	0.19	ng		99
16) Acenaphthylene	14.184	152	7754	0.18	ng		99
17) Acenaphthene	14.530	154	5918	0.19	ng		100
18) Fluorene	15.517	166	7483	0.19	ng		99
20) 4,6-Dinitro-2-methylph...	15.593	198	229	0.15	ng	#	59
21) 4-Bromophenyl-phenylether	16.424	248	2418	0.17	ng		99
22) Hexachlorobenzene	16.530	284	2750	0.19	ng		99
23) Atrazine	16.681	200	1361	0.14	ng		98
24) Pentachlorophenol	16.863	266	447	0.14	ng	#	89
25) Phenanthrene	17.256	178	15223	0.19	ng		99
26) Anthracene	17.347	178	11818	0.17	ng		99
28) Fluoranthene	19.261	202	18317	0.17	ng		100
30) Pyrene	19.623	202	18169	0.20	ng		99
32) Benzo(a)anthracene	21.354	228	14800	0.18	ng		100
33) Chrysene	21.415	228	18178	0.19	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	8697	0.20	ng	#	100
35) Indeno(1,2,3-cd)pyrene	26.491	276	10638	0.17	ng		100
37) Benzo(b)fluoranthene	23.097	252	11864	0.16	ng		99
38) Benzo(k)fluoranthene	23.097	252	11864	0.12	ng		99
39) Benzo(a)pyrene	23.749	252	10763	0.15	ng		98
40) Dibenzo(a,h)anthracene	26.520	278	8476	0.15	ng		98
41) Benzo(g,h,i)perylene	27.290	276	12194	0.17	ng		98

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

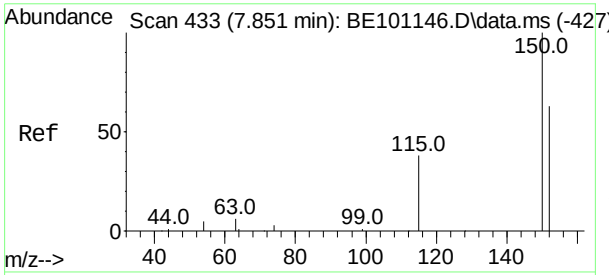
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE032421\
Data File : BE101145.D
Acq On : 24 Mar 2021 12:00
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 24 13:23:31 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 24 13:22:06 2021
Response via : Initial Calibration



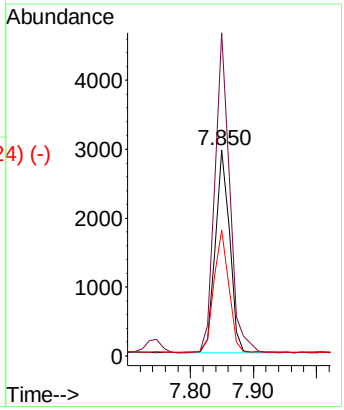
Instrument :
BNA_E
ClientSampleId :

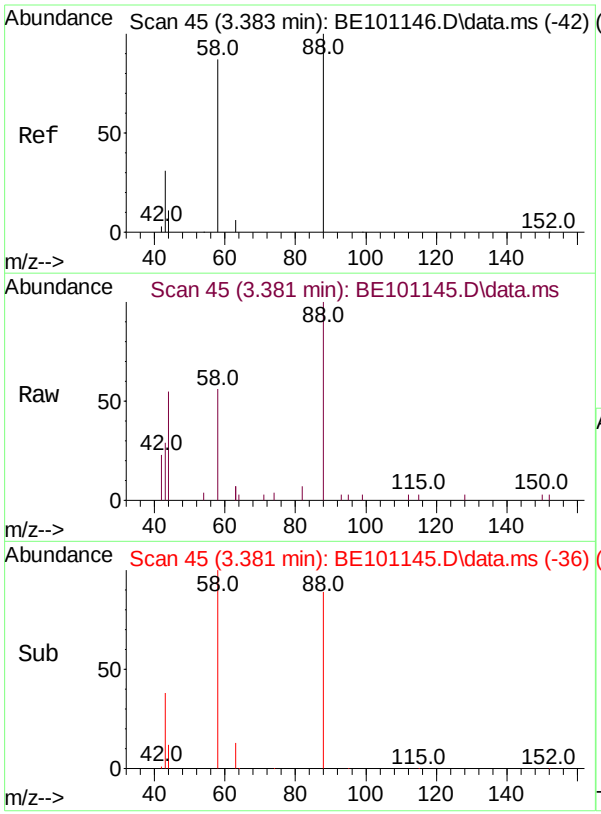


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.850 min Scan# 433
Delta R.T. -0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:152 Resp: 4655

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.3	189.5
115	61.2	48.9	73.3

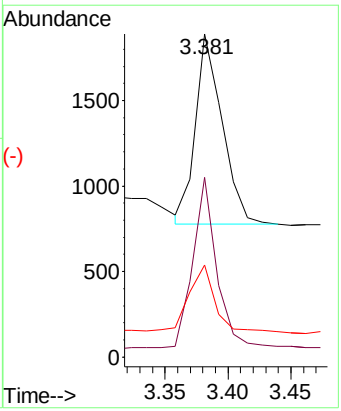




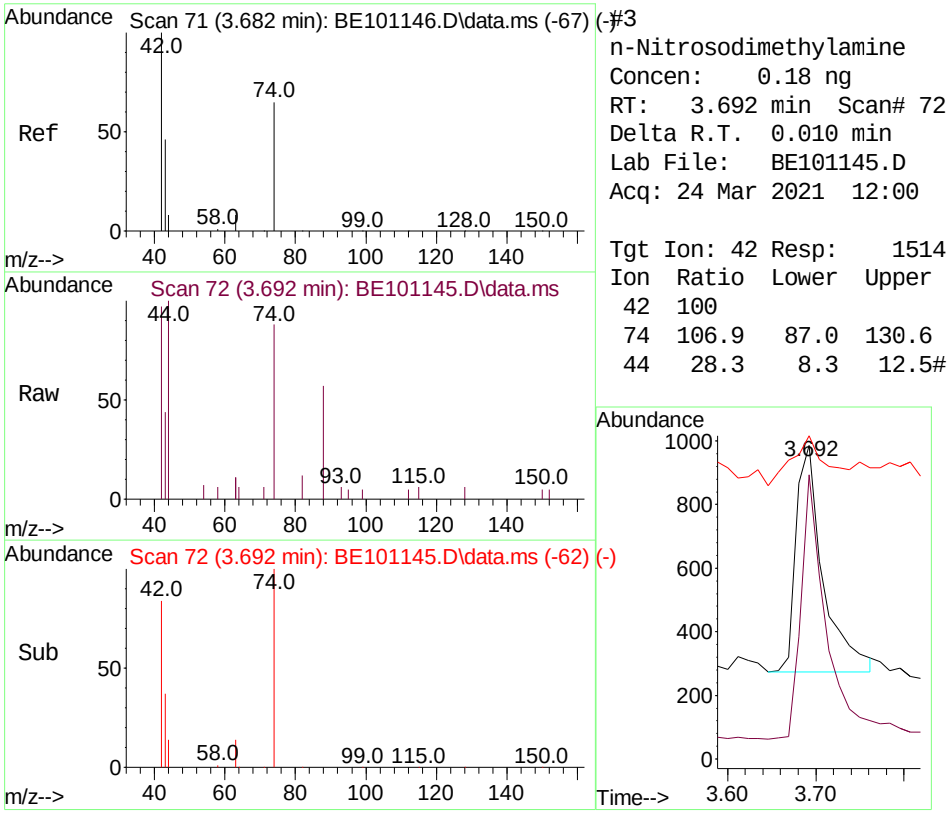
#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.381 min Scan# 45
Delta R.T. -0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion: 88 Resp: 1640

Ion	Ratio	Lower	Upper
88	100		
58	81.7	68.5	102.7
43	33.8	27.2	40.8



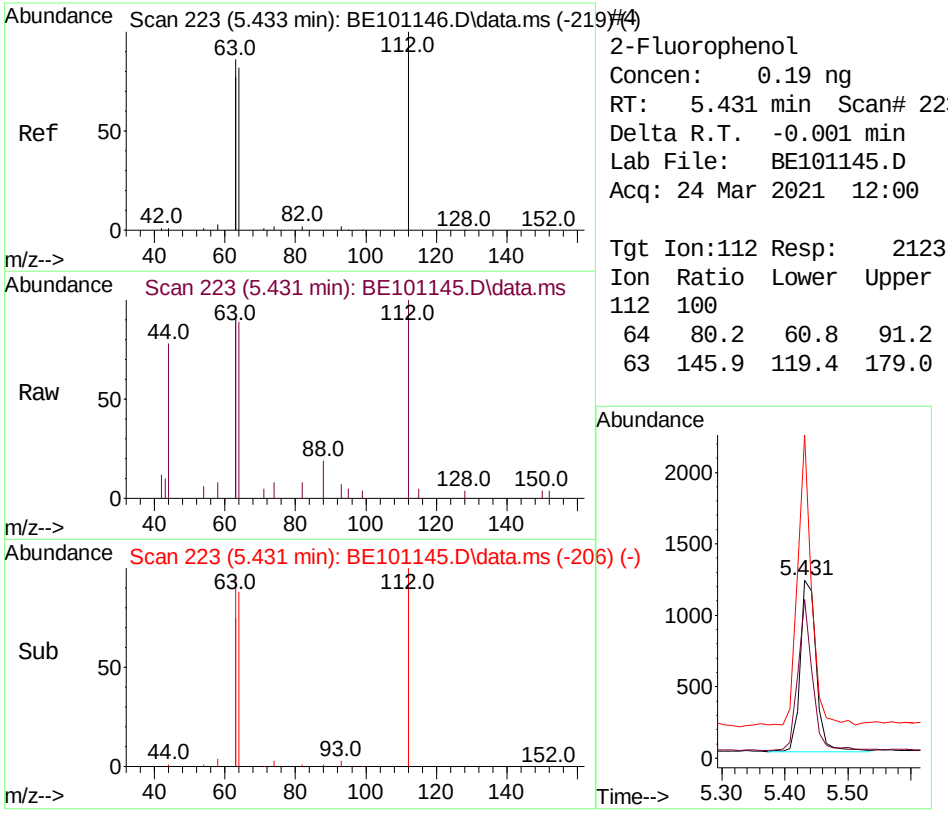
Instrument :
BNA_E
ClientSampleId :



#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 3.692 min Scan# 72
Delta R.T. 0.010 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion: 42 Resp: 1514

Ion	Ratio	Lower	Upper
42	100		
74	106.9	87.0	130.6
44	28.3	8.3	12.5#

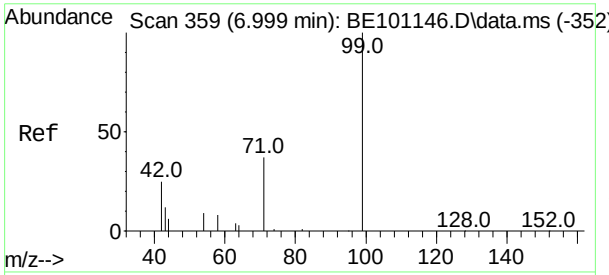


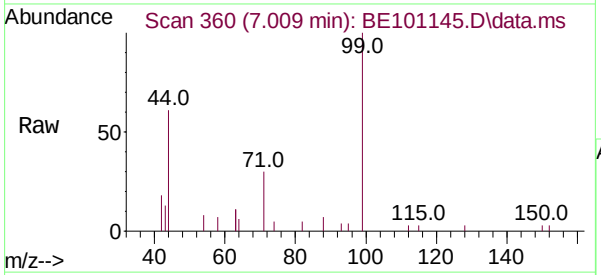
#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.431 min Scan# 223
Delta R.T. -0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

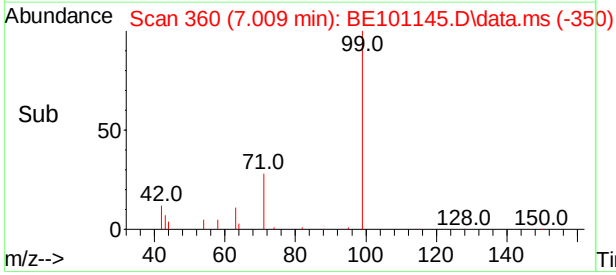
Tgt Ion:112 Resp: 2123

Ion	Ratio	Lower	Upper
112	100		
64	80.2	60.8	91.2
63	145.9	119.4	179.0

Instrument :
BNA_E
ClientSampleId :



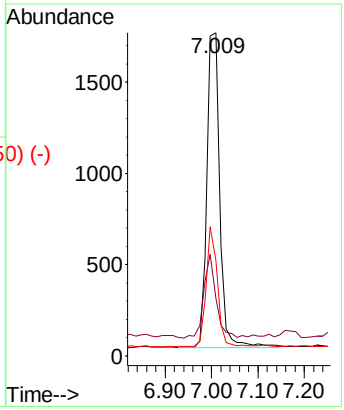


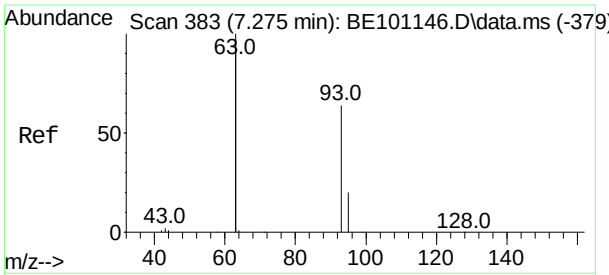


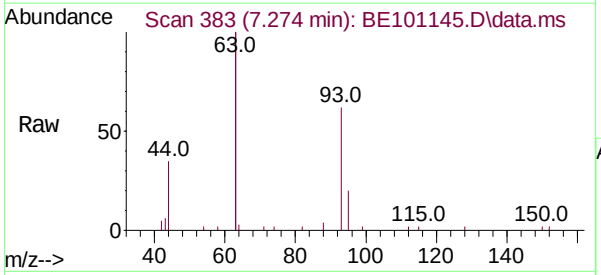
#5
Phenol-d6
Concen: 0.19 ng
RT: 7.009 min Scan# 360
Delta R.T. 0.010 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

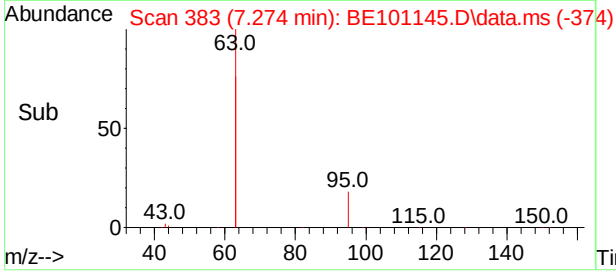
Tgt Ion: 99 Resp: 3338

Ion	Ratio	Lower	Upper
99	100		
42	25.6	18.8	28.2
71	32.6	26.3	39.5





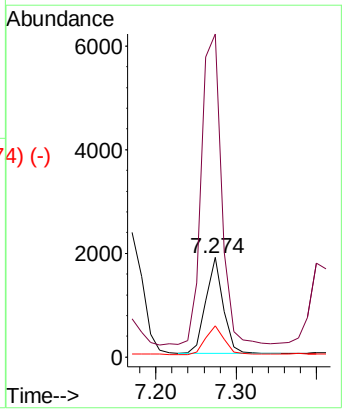




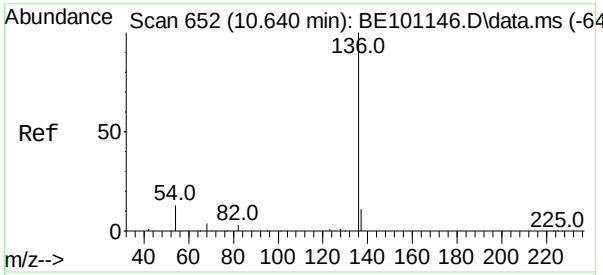
#6
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 7.274 min Scan# 383
Delta R.T. -0.002 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion: 93 Resp: 2788

Ion	Ratio	Lower	Upper
93	100		
63	374.8	292.5	438.7
95	32.0	25.8	38.6



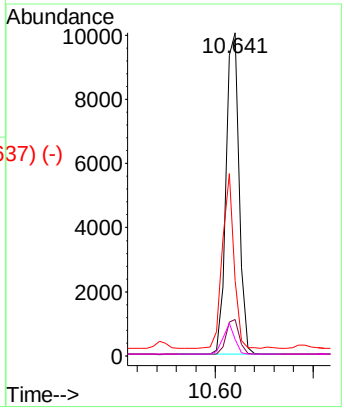
Instrument :
BNA_E
ClientSampleId :

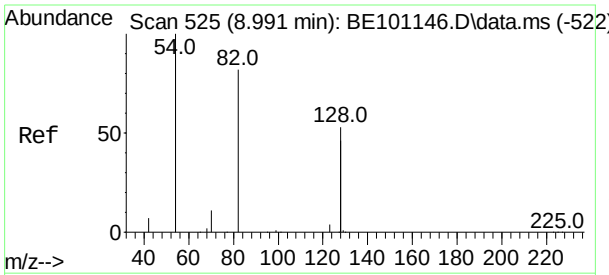


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.641 min Scan# 652
Delta R.T. 0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:136 Resp: 19163

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	23.4	20.2	30.4
68	5.1	4.0	6.0

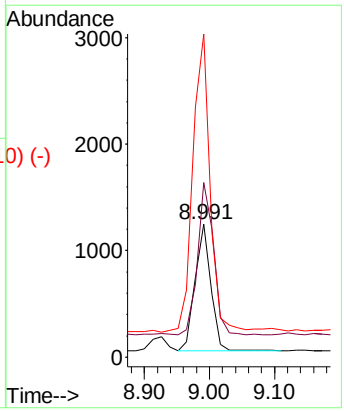




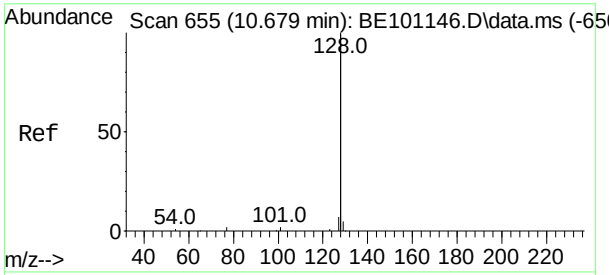
#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.991 min Scan# 525
Delta R.T. 0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion: 82 Resp: 2027

Ion	Ratio	Lower	Upper
82	100		
128	131.2	101.5	152.3
54	242.3	189.8	284.6



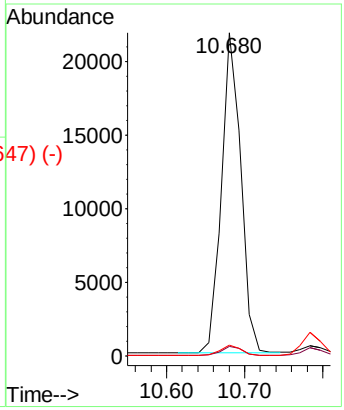
Instrument :
BNA_E
ClientSampleId :

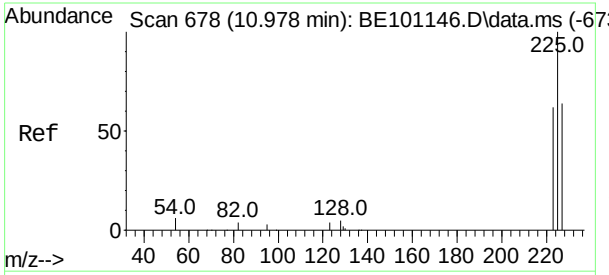


#9
Naphthalene
Concen: 0.19 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:128 Resp: 37849

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.2
127	3.4	2.7	4.1

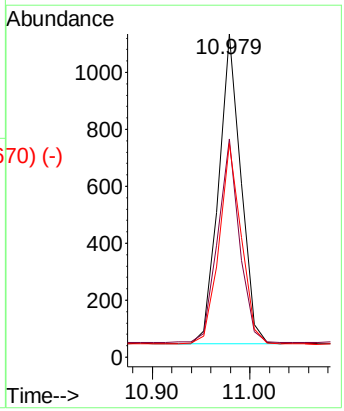




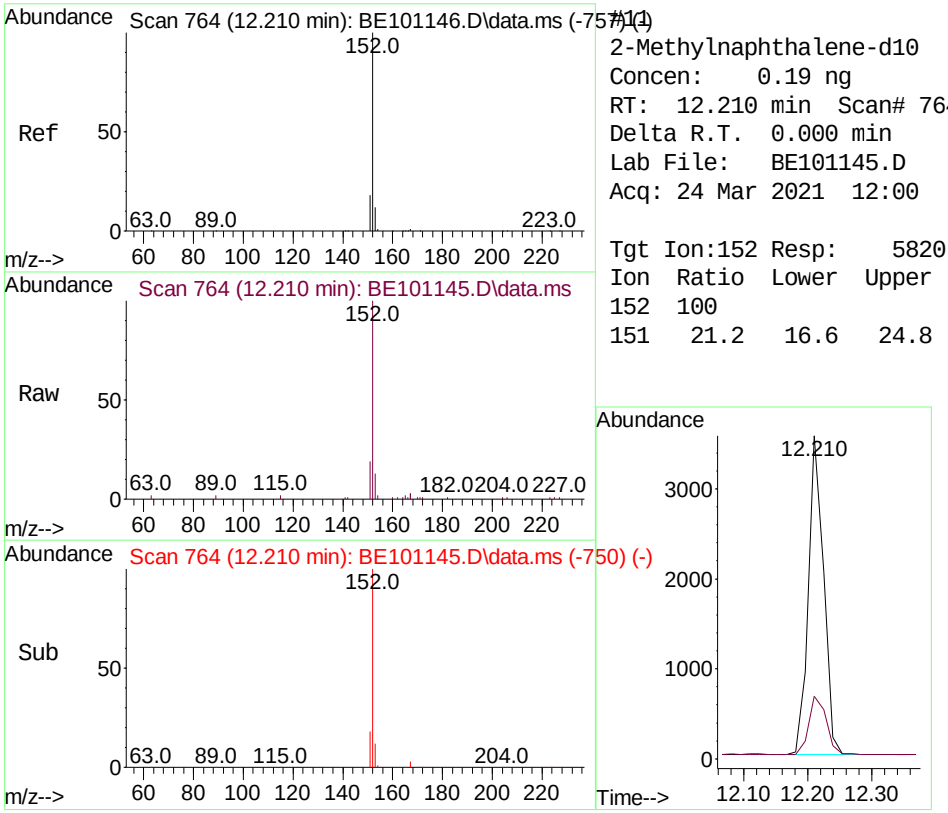
#10
Hexachlorobutadiene
Concen: 0.20 ng
RT: 10.979 min Scan# 678
Delta R.T. 0.001 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:225 Resp: 1745

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.1	75.1
227	64.3	51.7	77.5



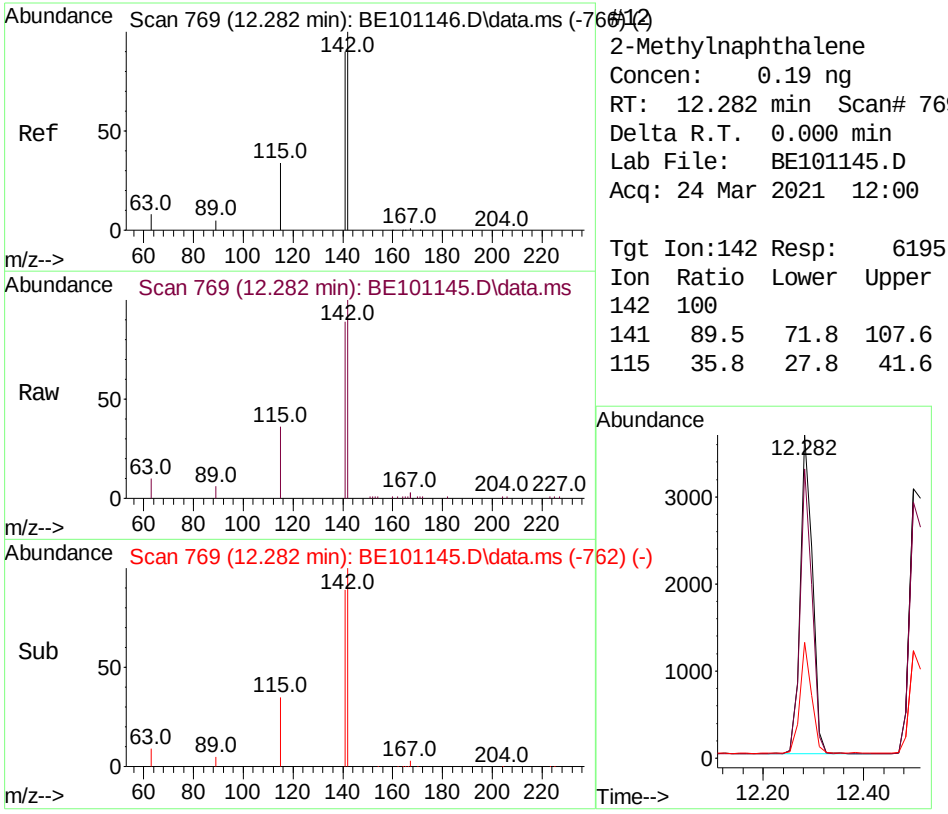
Instrument :
BNA_E
ClientSampleId :



#11(1)
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:152 Resp: 5820

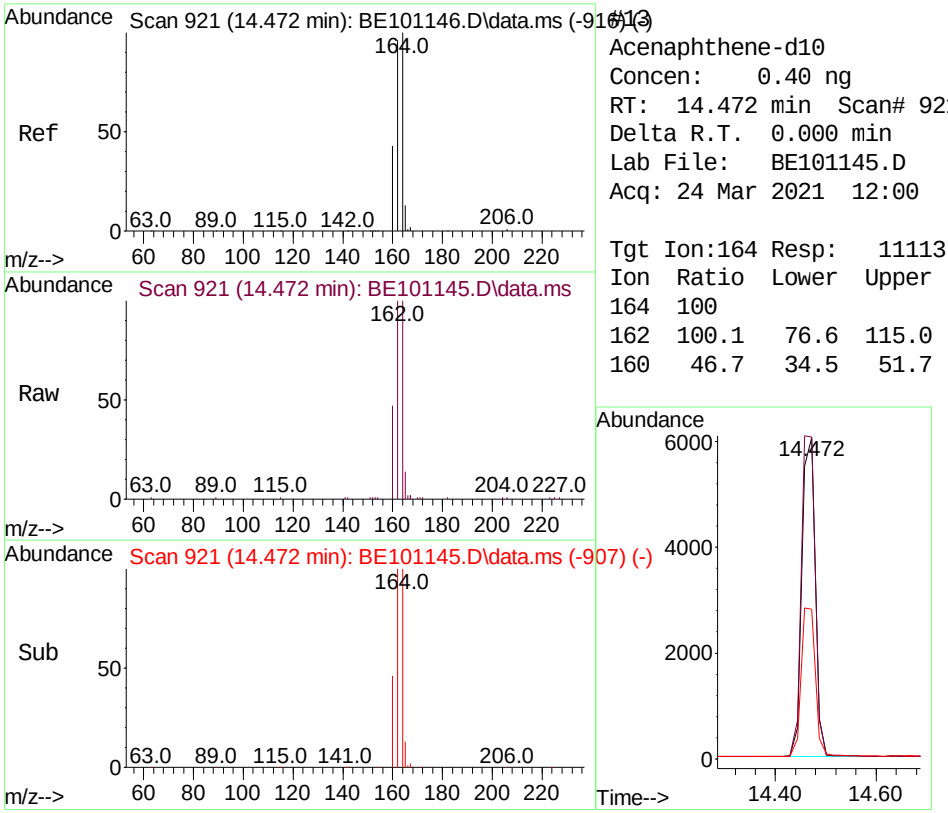
Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	24.8



#11(2)
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.282 min Scan# 769
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:142 Resp: 6195

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.8	107.6
115	35.8	27.8	41.6

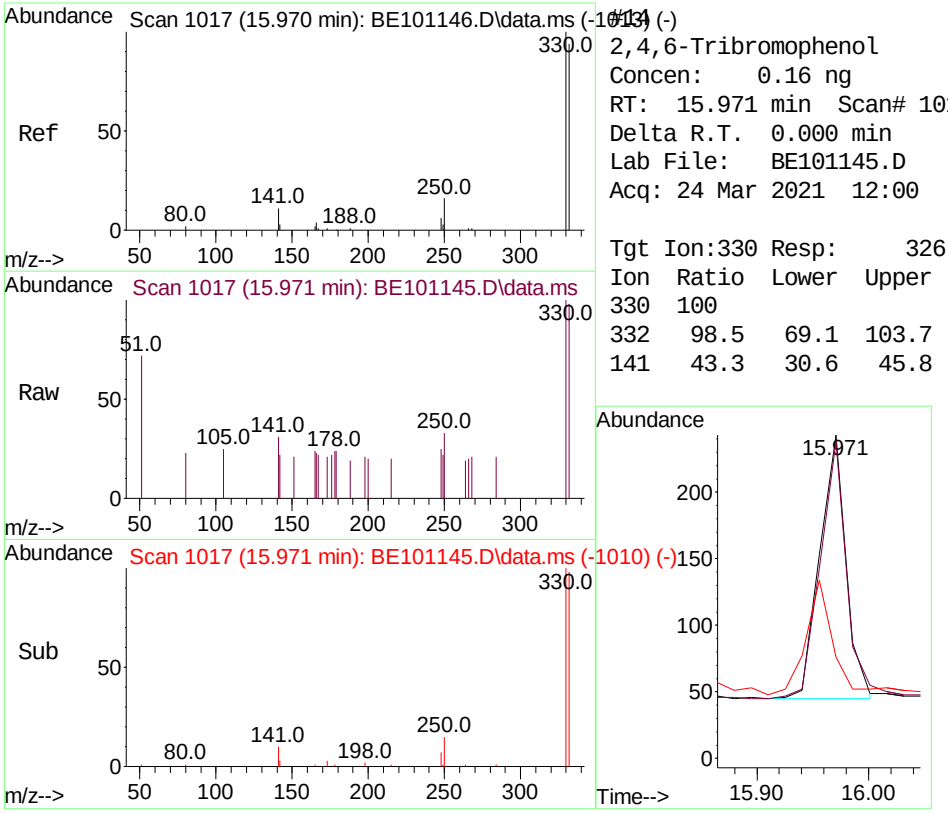


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 921
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:164 Resp: 11113

Ion	Ratio	Lower	Upper
164	100		
162	100.1	76.6	115.0
160	46.7	34.5	51.7

Instrument :
BNA_E
ClientSampleId :

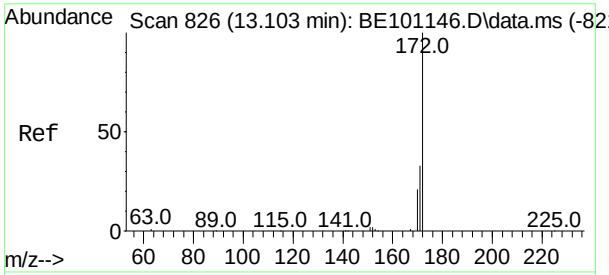


#14
2,4,6-Tribromophenol
Concen: 0.16 ng
RT: 15.971 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:330 Resp: 326

Ion	Ratio	Lower	Upper
330	100		
332	98.5	69.1	103.7
141	43.3	30.6	45.8

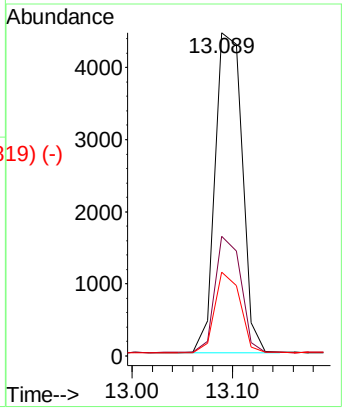
Instrument :
BNA_E
ClientSampleId :

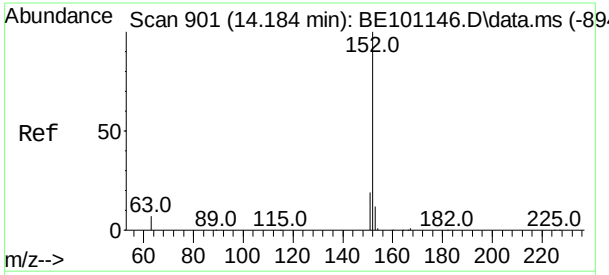


#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.089 min Scan# 825
Delta R.T. -0.014 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:172 Resp: 8287

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.4	39.6
170	25.9	17.4	26.0

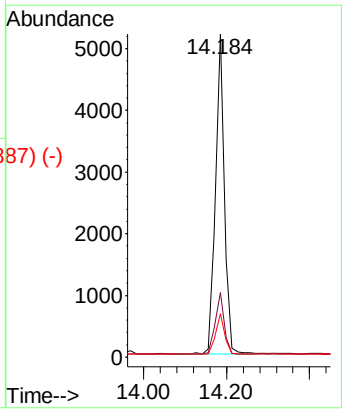




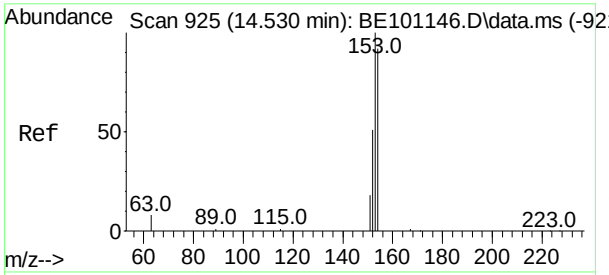
#16
Acenaphthylene
Concen: 0.18 ng
RT: 14.184 min Scan# 901
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:152 Resp: 7754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0
153	12.7	10.3	15.5



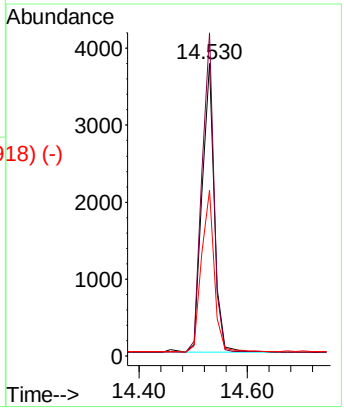
Instrument :
BNA_E
ClientSampleId :

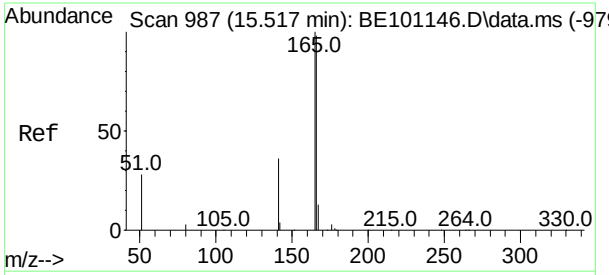


#17
Acenaphthene
Concen: 0.19 ng
RT: 14.530 min Scan# 925
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:154 Resp: 5918

Ion	Ratio	Lower	Upper
154	100		
153	108.7	86.7	130.1
152	58.3	46.1	69.1

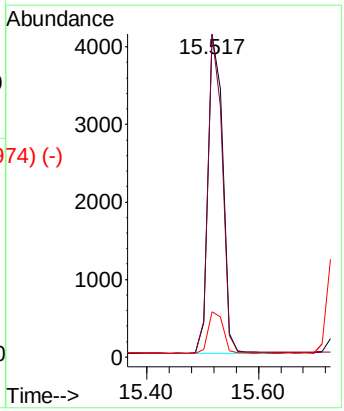




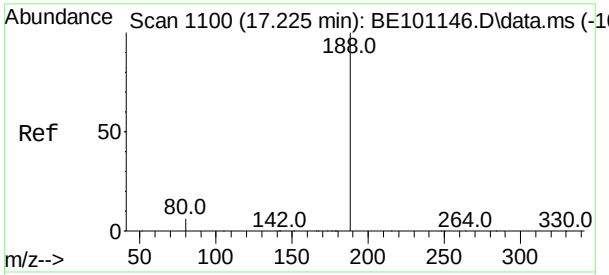
#18
Fluorene
Concen: 0.19 ng
RT: 15.517 min Scan# 987
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:166 Resp: 7483

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.9	118.3
167	13.8	10.7	16.1



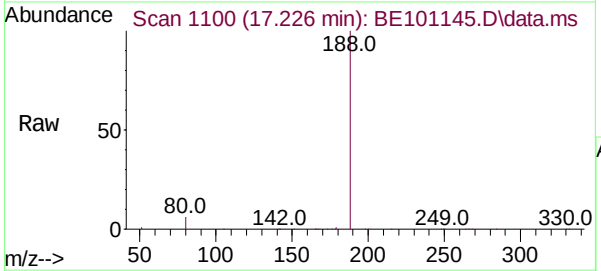
Instrument :
BNA_E
ClientSampleId :

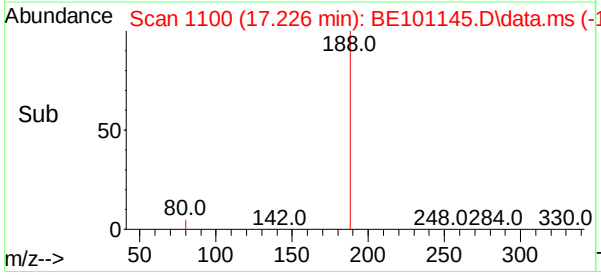


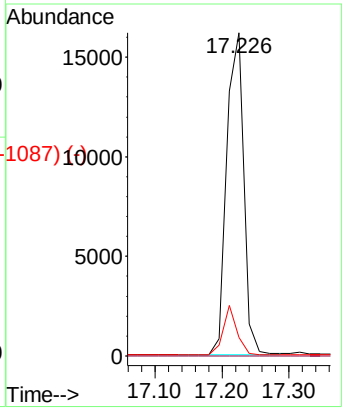
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.226 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

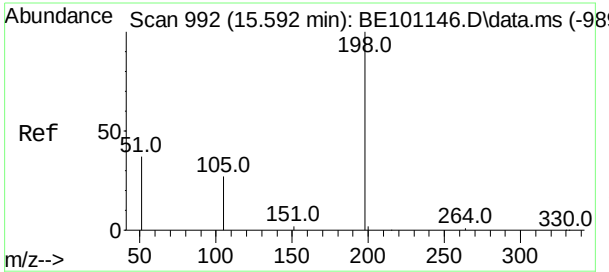
Tgt Ion:188 Resp: 29150

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	4.8	7.2





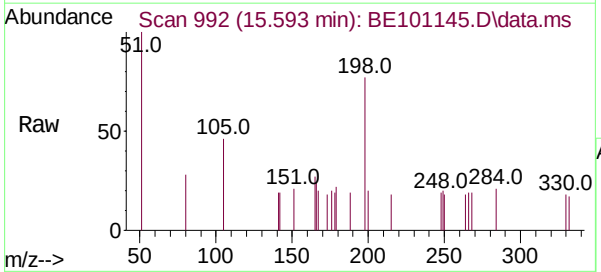


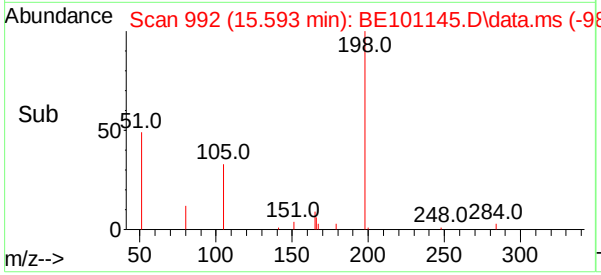


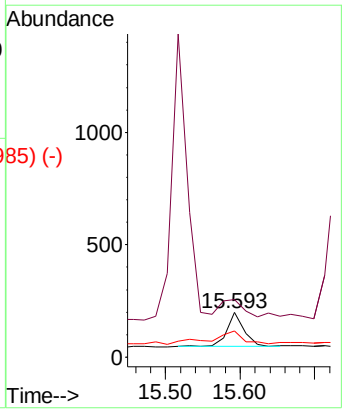
#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.593 min Scan# 992
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

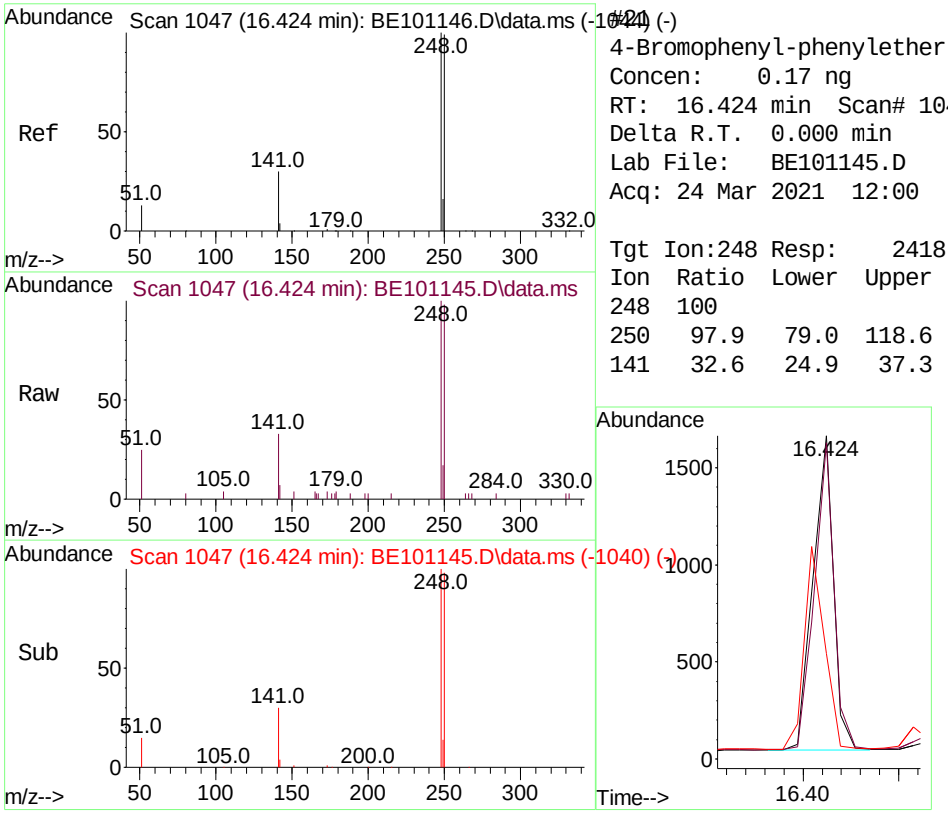
Tgt Ion:198 Resp: 229

Ion	Ratio	Lower	Upper
198	100		
51	129.1	68.8	103.2#
105	59.3	32.7	49.1#







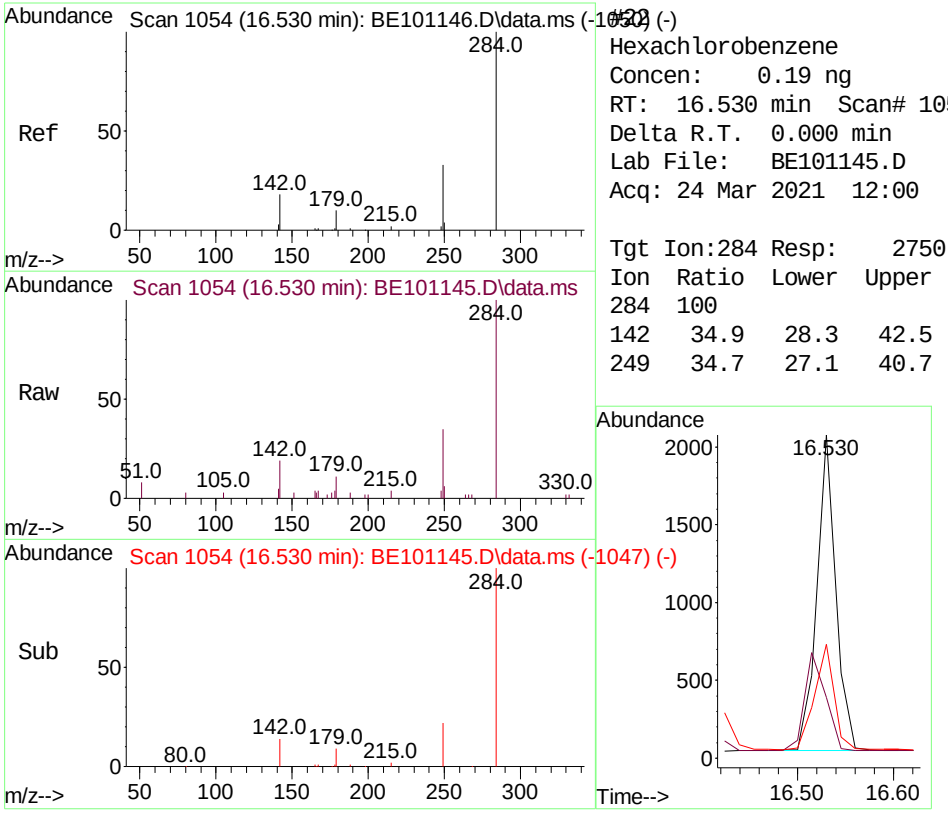


#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.424 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:248 Resp: 2418

Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.0	118.6
141	32.6	24.9	37.3

Instrument :
BNA_E
ClientSampleId :

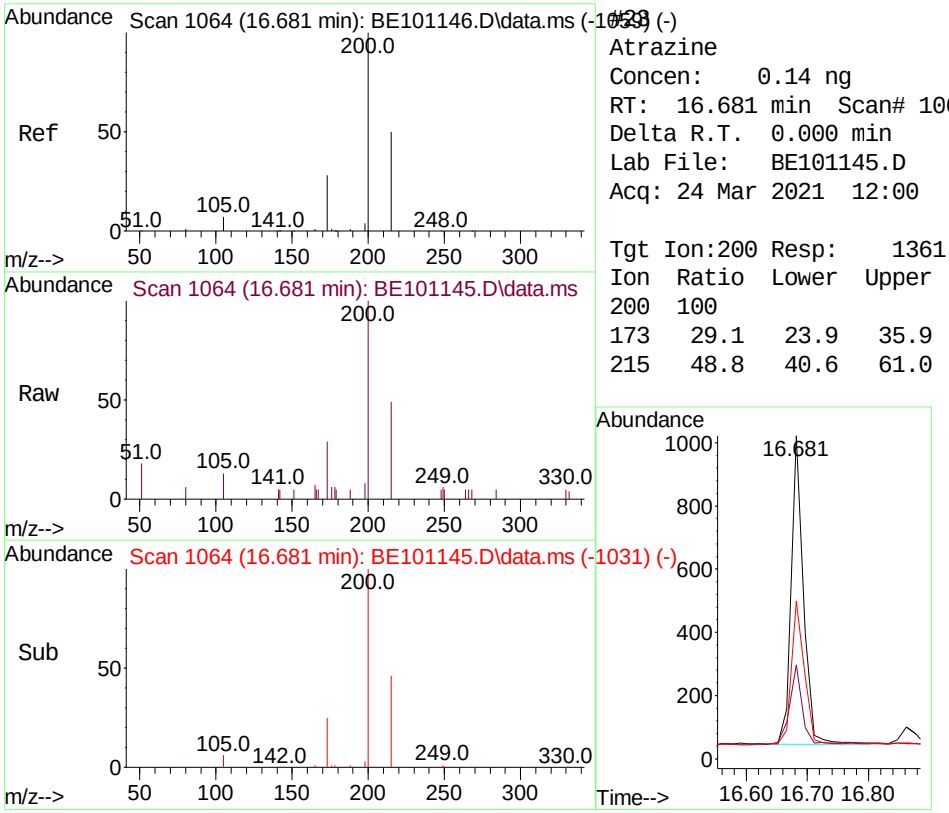


#22
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.530 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:284 Resp: 2750

Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.3	42.5
249	34.7	27.1	40.7

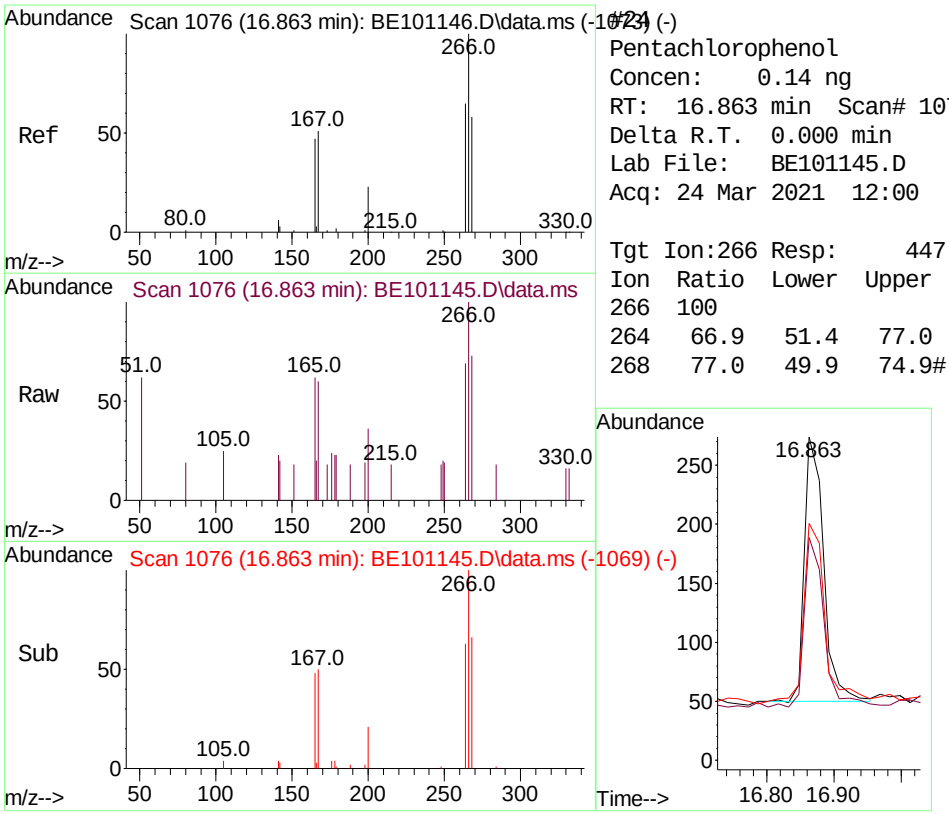
Instrument :
BNA_E
ClientSampleId :



#28
Atrazine
Concen: 0.14 ng
RT: 16.681 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:200 Resp: 1361

Ion	Ratio	Lower	Upper
200	100		
173	29.1	23.9	35.9
215	48.8	40.6	61.0

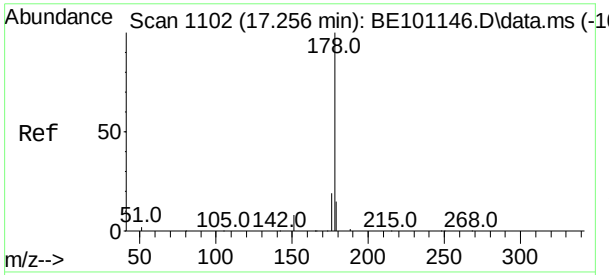


#24
Pentachlorophenol
Concen: 0.14 ng
RT: 16.863 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:266 Resp: 447

Ion	Ratio	Lower	Upper
266	100		
264	66.9	51.4	77.0
268	77.0	49.9	74.9#

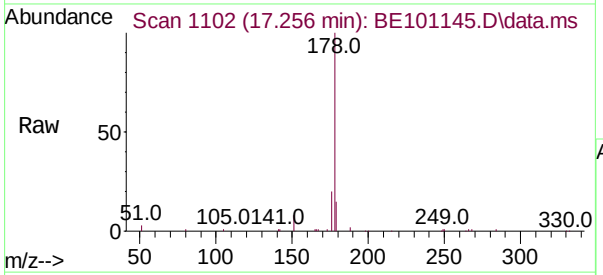
Instrument :
BNA_E
ClientSampleId :

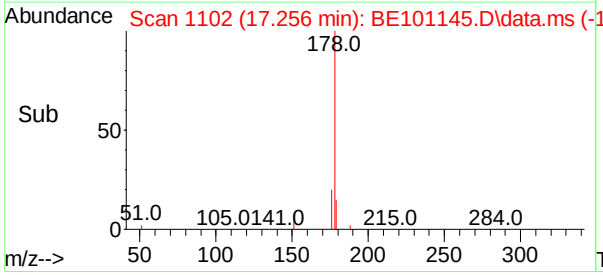


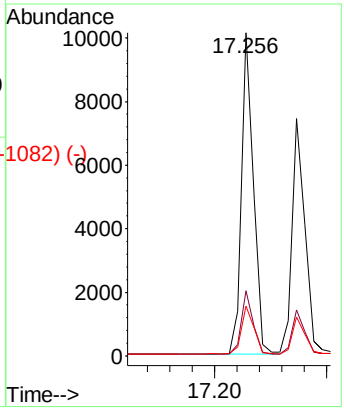
#25
Phenanthrene
Concen: 0.19 ng
RT: 17.256 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

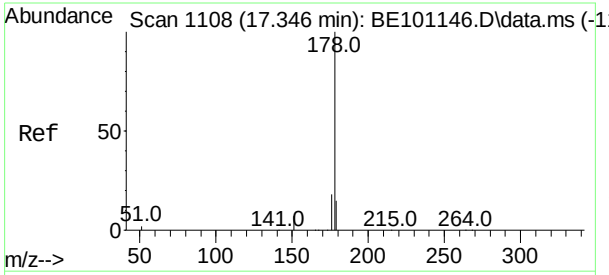
Tgt Ion:178 Resp: 15223

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.7	22.1
179	15.7	12.4	18.6





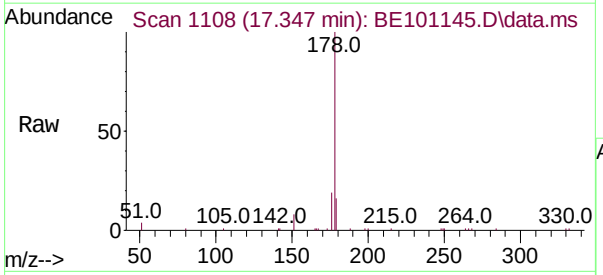


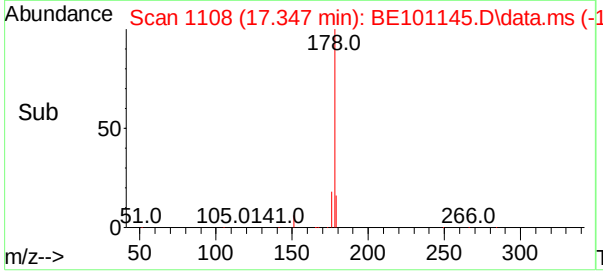


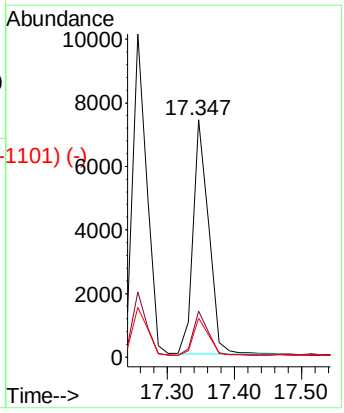
#26
Anthracene
Concen: 0.17 ng
RT: 17.347 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:178 Resp: 11818

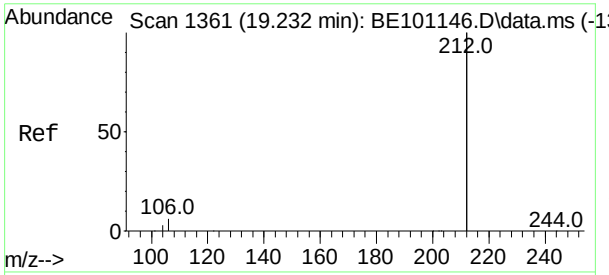
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.4	21.6
179	15.9	12.2	18.4







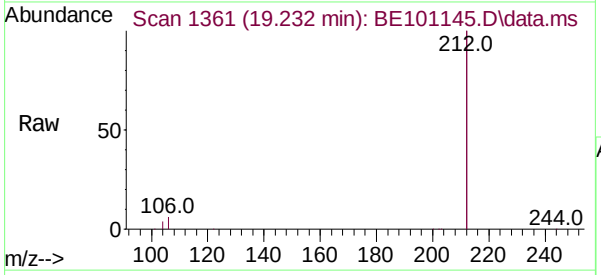
Instrument :
BNA_E
ClientSampleId :

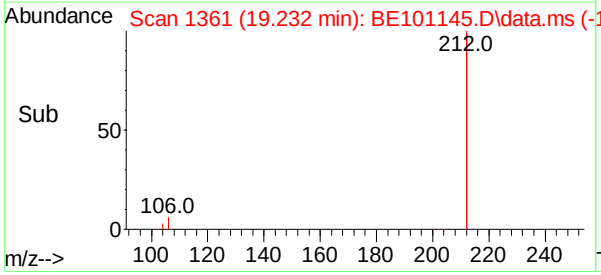


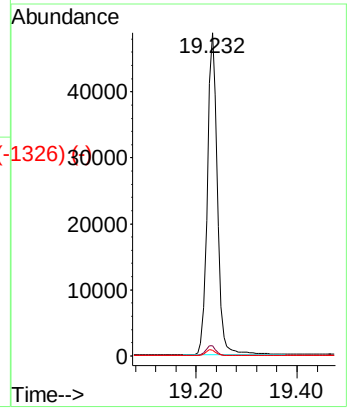
#27
Fluoranthene-d10
Concen: 0.18 ng
RT: 19.232 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

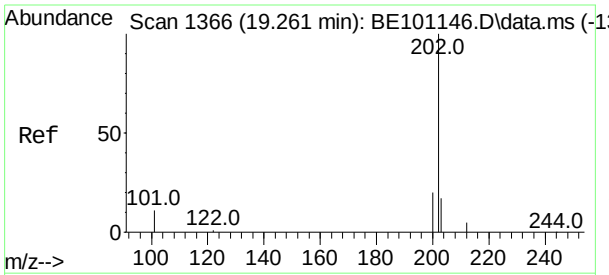
Tgt Ion:212 Resp: 67152

Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.7	1.4	2.2





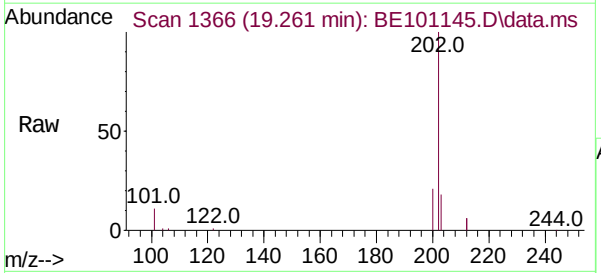


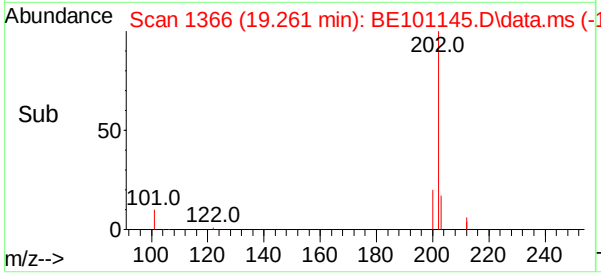


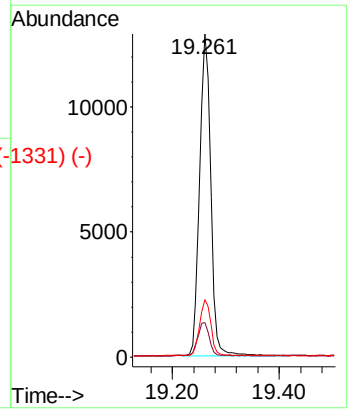
#28
Fluoranthene
Concen: 0.17 ng
RT: 19.261 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:202 Resp: 18317

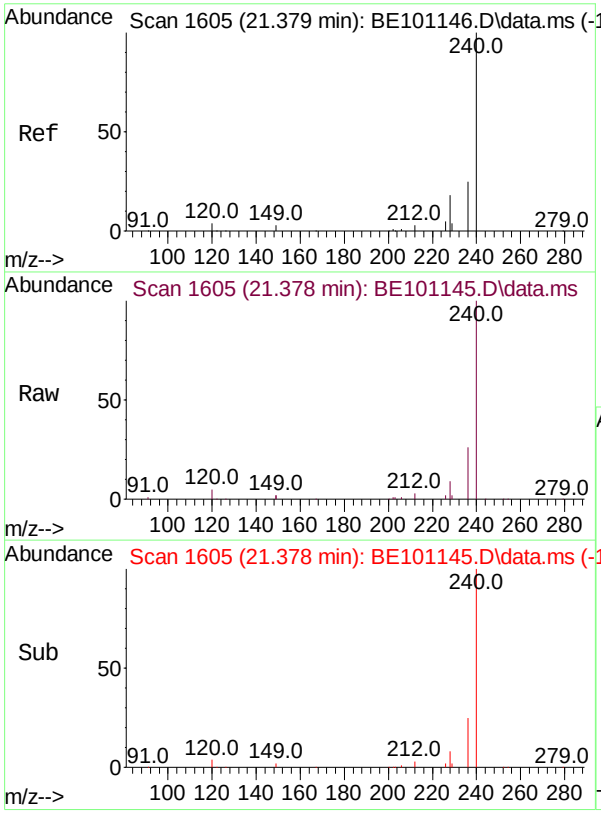
Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.4	13.8	20.6







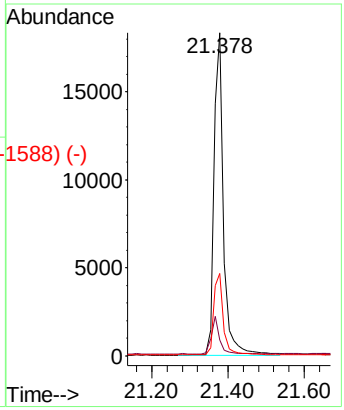
Instrument :
BNA_E
ClientSampleId :

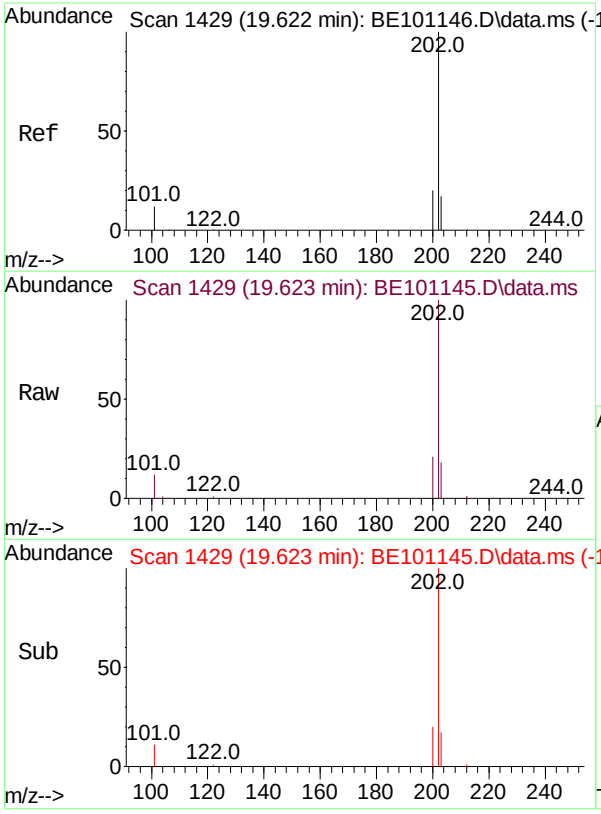


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.378 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:240 Resp: 31571

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.1	6.1
236	25.6	20.3	30.5

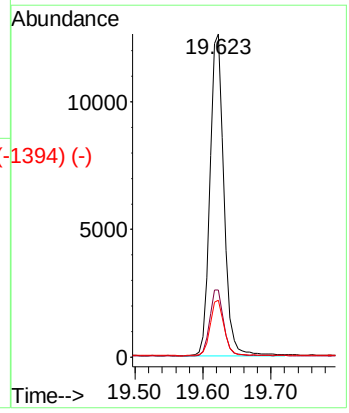




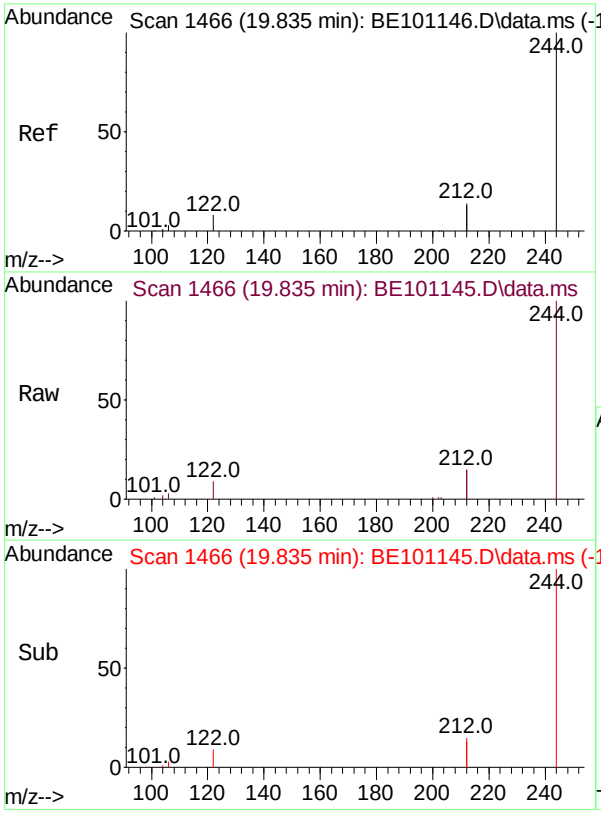
#30
Pyrene
Concen: 0.20 ng
RT: 19.623 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:202 Resp: 18169

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.6	13.9	20.9



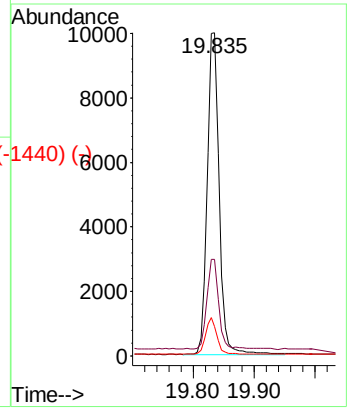
Instrument :
BNA_E
ClientSampleId :

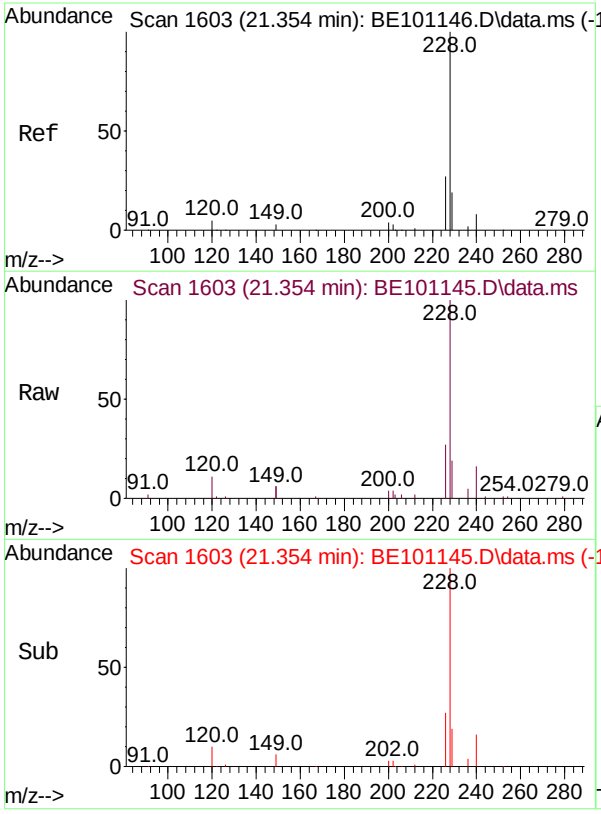


#31
Terphenyl-d14
Concen: 0.20 ng
RT: 19.835 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:244 Resp: 13791

Ion	Ratio	Lower	Upper
244	100		
212	30.0	21.7	32.5
122	9.1	6.6	10.0

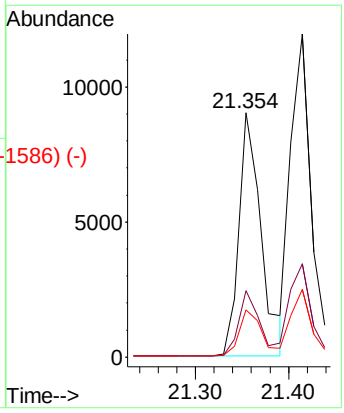




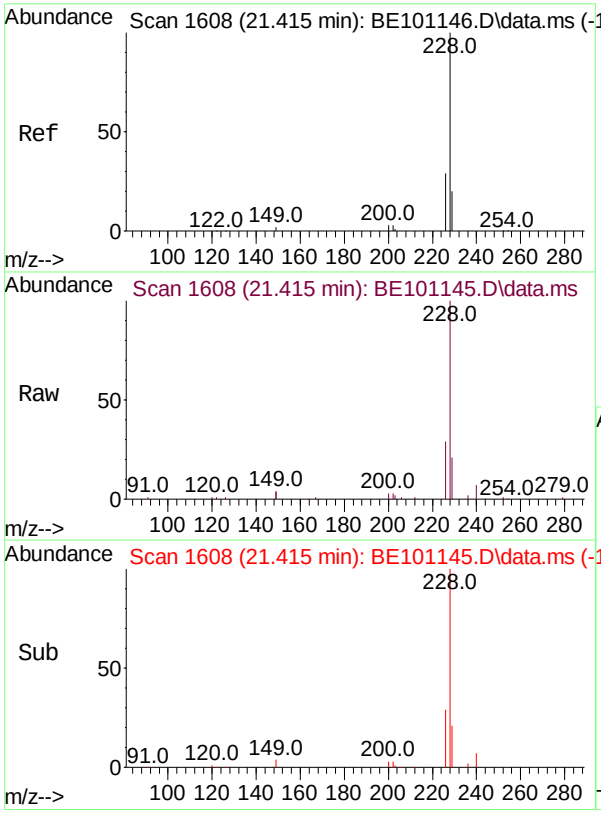
#32
Benzo(a)anthracene
Concen: 0.18 ng
RT: 21.354 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:228 Resp: 14800

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.4	15.4	23.0



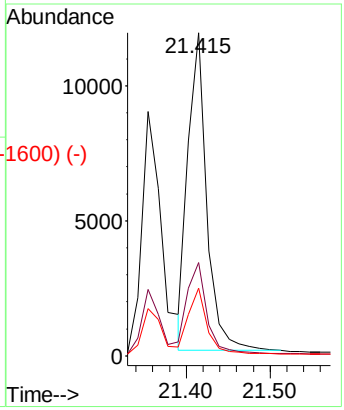
Instrument :
BNA_E
ClientSampleId :

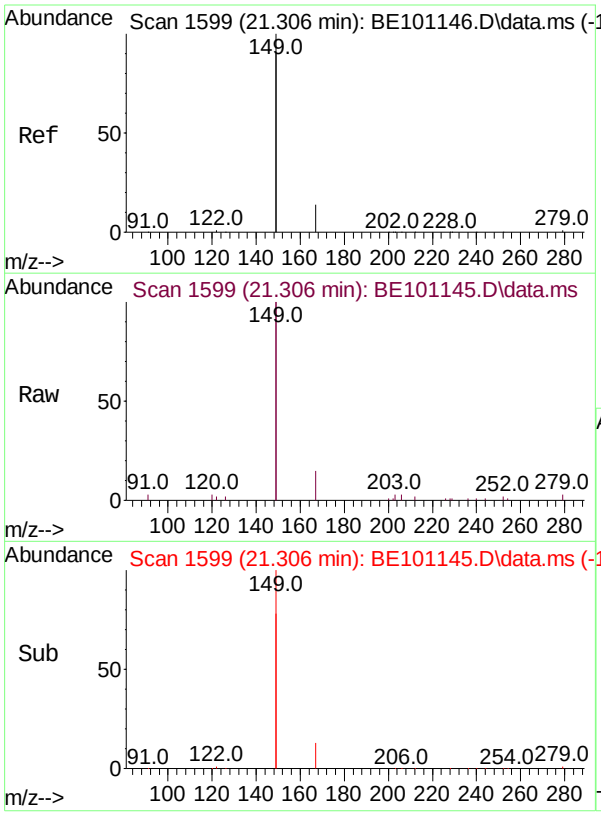


#33
Chrysene
Concen: 0.19 ng
RT: 21.415 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:228 Resp: 18178

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	20.9	16.2	24.2

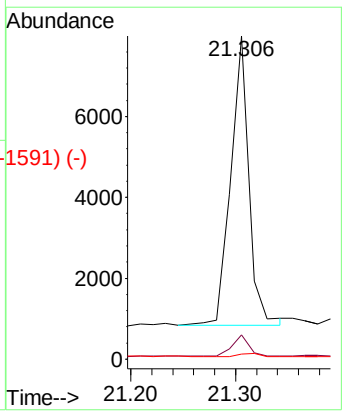




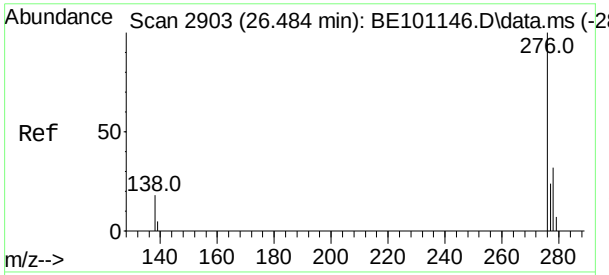
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.306 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:149 Resp: 8697

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.2
279	1.4	0.9	1.3#



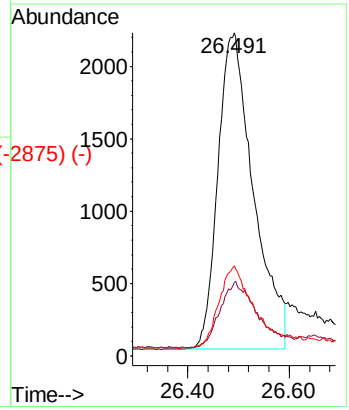
Instrument :
BNA_E
ClientSampleId :

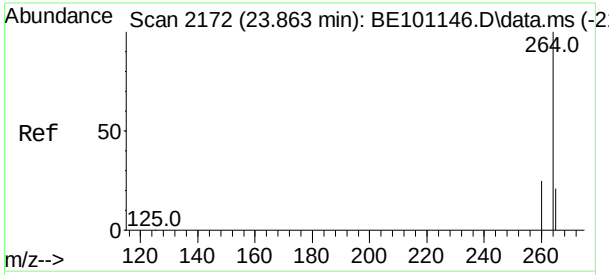


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng
RT: 26.491 min Scan# 2905
Delta R.T. 0.007 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:276 Resp: 10638

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.1	25.7
277	25.1	19.8	29.8

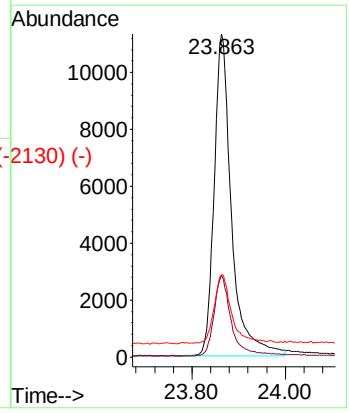




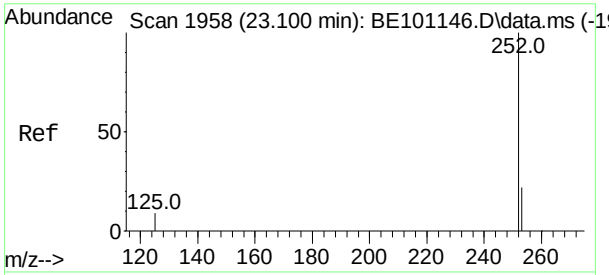
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:264 Resp: 29102

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.5	30.7
265	25.6	20.6	30.8



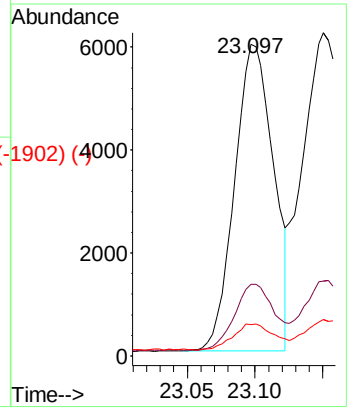
Instrument :
BNA_E
ClientSampleId :

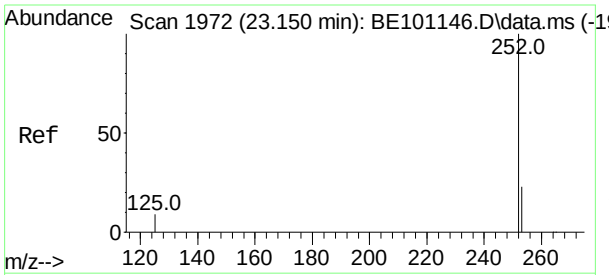


#37
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 23.097 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:252 Resp: 11864

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.1	7.5	11.3

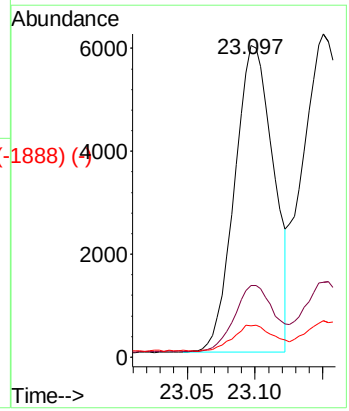


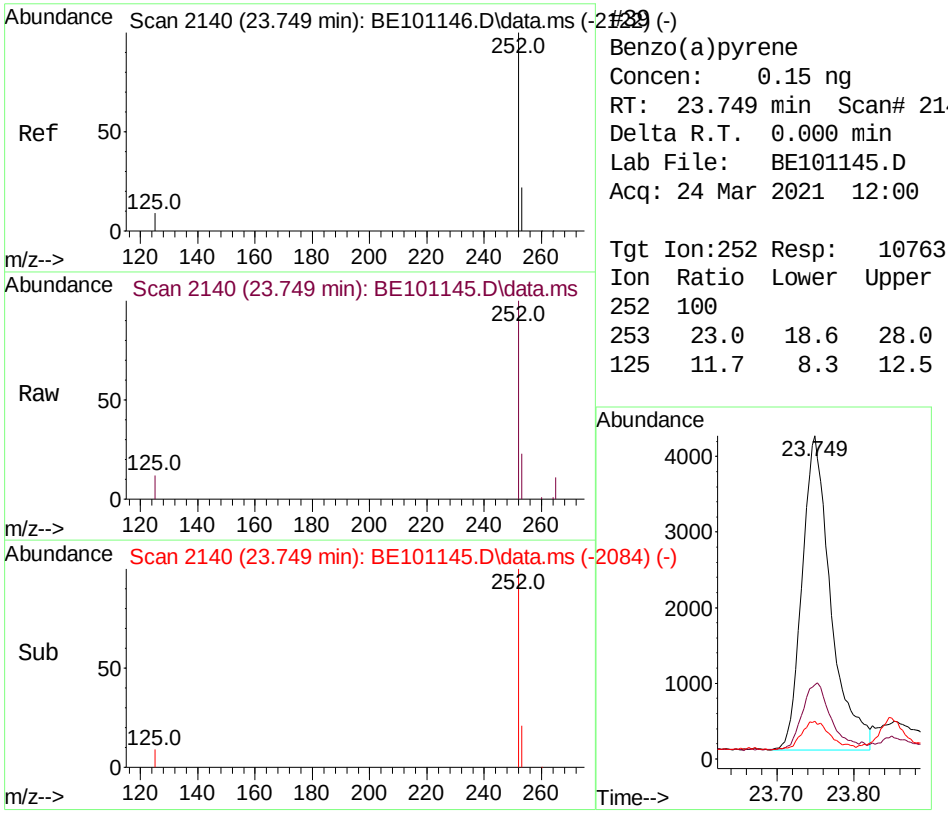


#38
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 23.097 min Scan# 1957
Delta R.T. -0.053 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:252 Resp: 11864

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	10.1	7.5	11.3



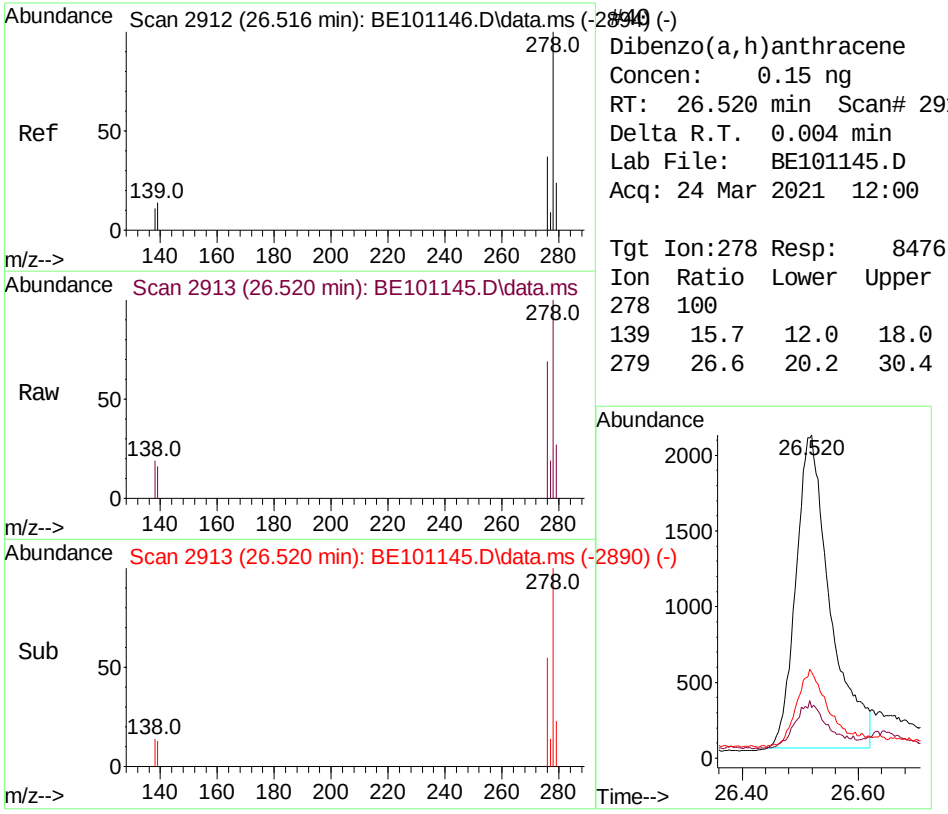


#39
Benzo(a)pyrene
Concen: 0.15 ng
RT: 23.749 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:252 Resp: 10763

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	11.7	8.3	12.5

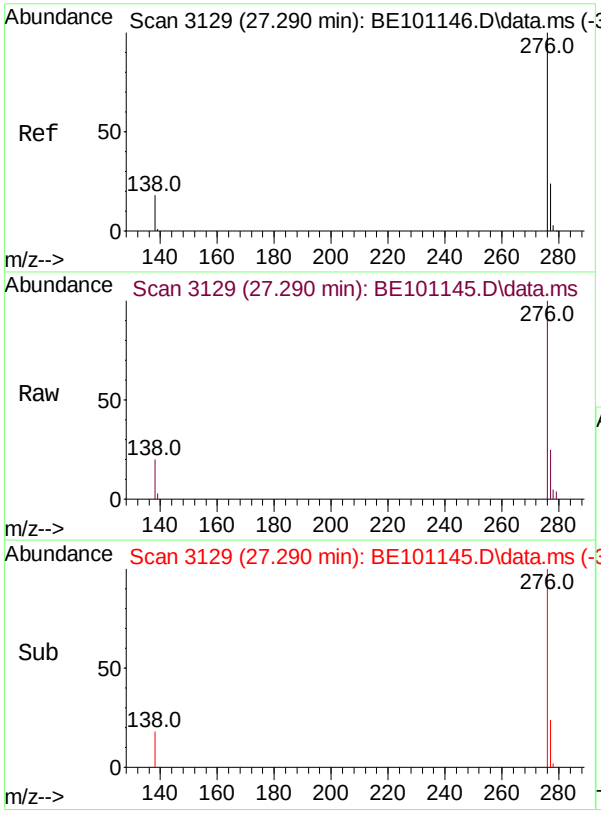
Instrument :
BNA_E
ClientSampleId :



#40
Dibenzo(a,h)anthracene
Concen: 0.15 ng
RT: 26.520 min Scan# 2913
Delta R.T. 0.004 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:278 Resp: 8476

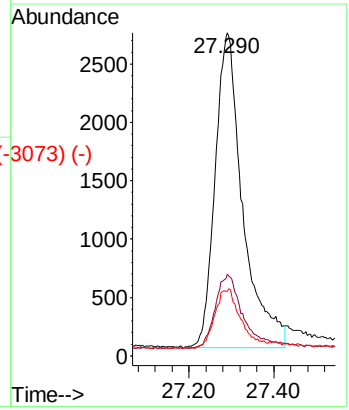
Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.0	18.0
279	26.6	20.2	30.4



#41
Benzo(g,h,i)perylene
Concen: 0.17 ng
RT: 27.290 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BE101145.D
Acq: 24 Mar 2021 12:00

Tgt Ion:276 Resp: 12194

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.7	29.5
138	20.0	15.3	22.9



Instrument :
BNA_E
ClientSampleId :