Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040221\
Data File : BE101196.D
Acq On : 2 Apr 2021 15:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 02 15:51:16 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

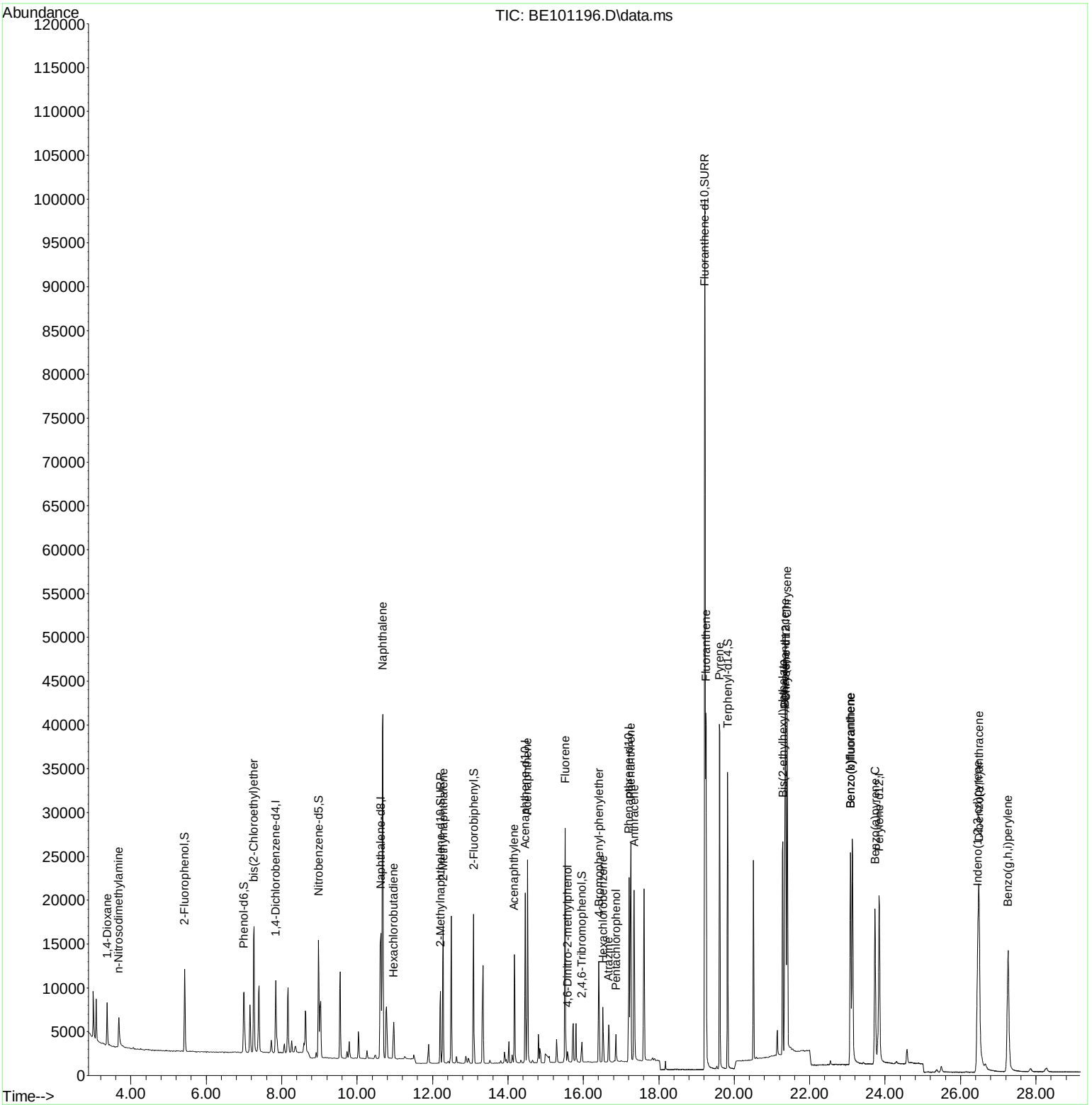
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	3760	0.40	ng		0.00
7) Naphthalene-d8	10.628	136	16327	0.40	ng	#	0.00
13) Acenaphthene-d10	14.458	164	10885	0.40	ng		0.00
19) Phenanthrene-d10	17.212	188	26986	0.40	ng	#	0.00
29) Chrysene-d12	21.366	240	29569	0.40	ng		0.00
36) Perylene-d12	23.841	264	29379	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.422	112	4321	0.49	ng		0.00
5) Phenol-d6	7.000	99	6826	0.50	ng		0.00
8) Nitrobenzene-d5	8.978	82	4796	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.210	152	11225	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	1228	0.63	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	15430	0.38	ng		0.00
27) Fluoranthene-d10	19.220	212	136590	0.40	ng		0.00
31) Terphenyl-d14	19.823	244	29571	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.372	88	2649	0.43	ng		93
3) n-Nitrosodimethylamine	3.683	42	2713	0.43	ng		93
6) bis(2-Chloroethyl)ether	7.265	93	5075	0.44	ng		98
9) Naphthalene	10.680	128	70078	0.42	ng		99
10) Hexachlorobutadiene	10.965	225	3000	0.40	ng		98
12) 2-Methylnaphthalene	12.282	142	11874	0.42	ng		95
16) Acenaphthylene	14.170	152	15557	0.37	ng		100
17) Acenaphthene	14.515	154	12212	0.41	ng		96
18) Fluorene	15.518	166	15902	0.40	ng		98
20) 4,6-Dinitro-2-methylph...	15.579	198	875	0.64	ng	#	67
21) 4-Bromophenyl-phenylether	16.410	248	5131	0.42	ng	#	92
22) Hexachlorobenzene	16.516	284	5069	0.38	ng		99
23) Atrazine	16.667	200	4086	0.54	ng		93
24) Pentachlorophenol	16.864	266	1684	0.48	ng		98
25) Phenanthrene	17.257	178	30228	0.40	ng		99
26) Anthracene	17.348	178	25066	0.39	ng		99
28) Fluoranthene	19.254	202	37114	0.39	ng		99
30) Pyrene	19.610	202	38100	0.44	ng		100
32) Benzo(a)anthracene	21.342	228	36359	0.48	ng		99
33) Chrysene	21.403	228	38427	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.294	149	34507	0.69	ng		99
35) Indeno(1,2,3-cd)pyrene	26.459	276	35974	0.60	ng	#	90
37) Benzo(b)fluoranthene	23.082	252	34516	0.45	ng		100
38) Benzo(k)fluoranthene	23.082	252	34516	0.35	ng		99
39) Benzo(a)pyrene	23.734	252	30755	0.43	ng		99
40) Dibenzo(a,h)anthracene	26.487	278	30530	0.51	ng		98
41) Benzo(g,h,i)perylene	27.261	276	33375	0.45	ng		98

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

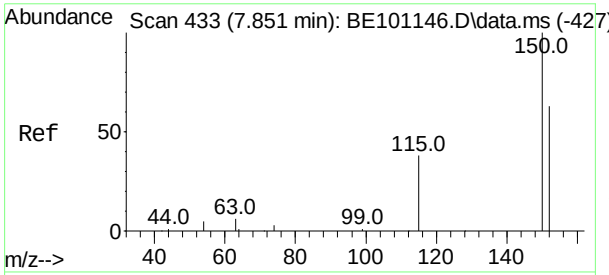
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040221\
Data File : BE101196.D
Acq On : 2 Apr 2021 15:01
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 02 15:51:16 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



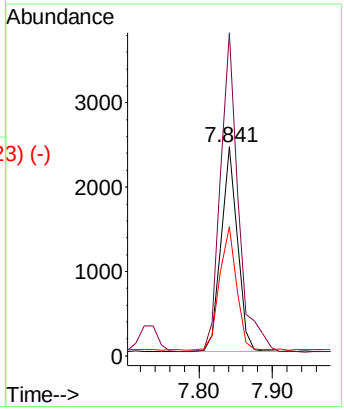
Instrument :
BNA_E
ClientSampleId :

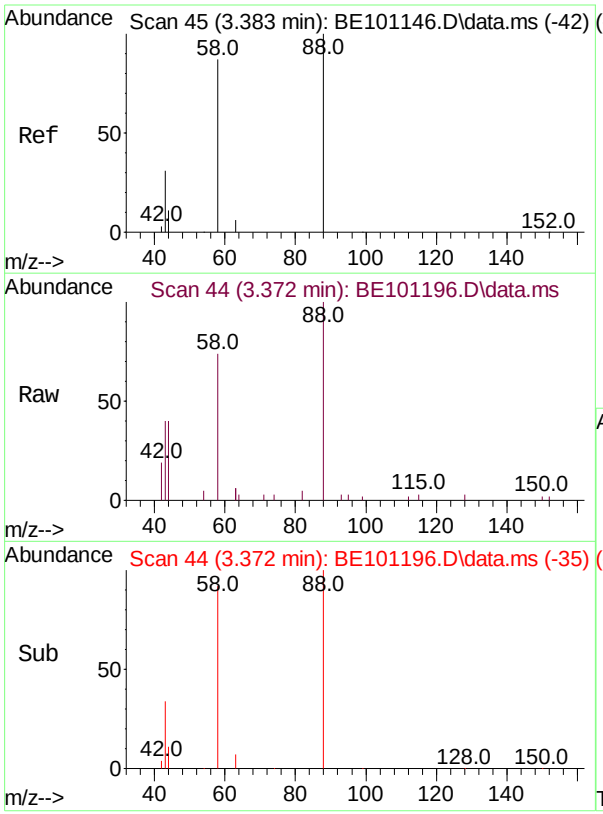


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.841 min Scan# 432
Delta R.T. -0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:152 Resp: 3760

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.3	189.5
115	61.9	48.9	73.3

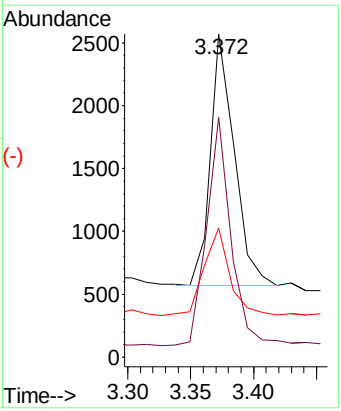




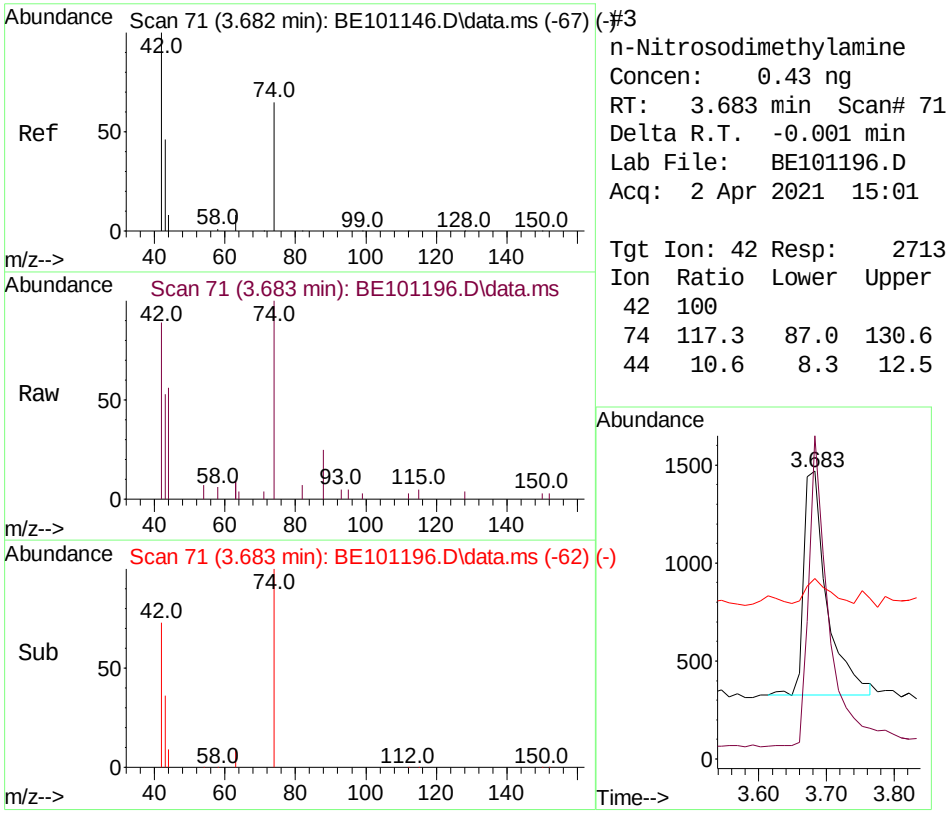
#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.372 min Scan# 44
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion: 88 Resp: 2649

Ion	Ratio	Lower	Upper
88	100		
58	92.8	68.5	102.7
43	37.3	27.2	40.8



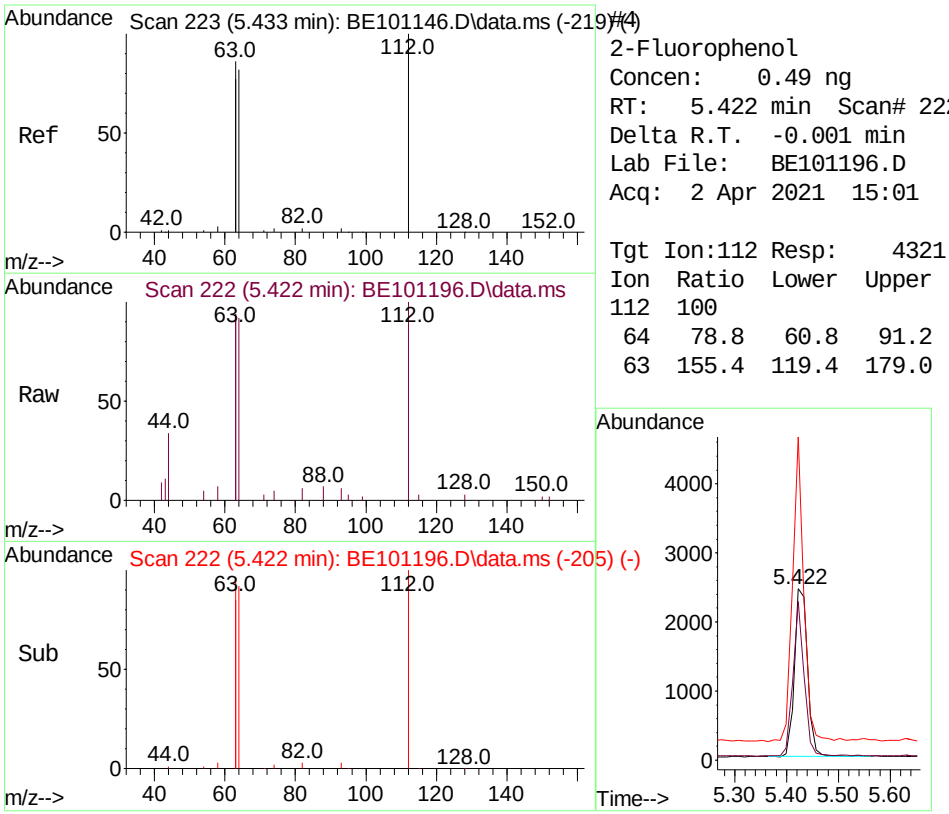
Instrument :
BNA_E
ClientSampleId :



#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.683 min Scan# 71
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion: 42 Resp: 2713

Ion	Ratio	Lower	Upper
42	100		
74	117.3	87.0	130.6
44	10.6	8.3	12.5

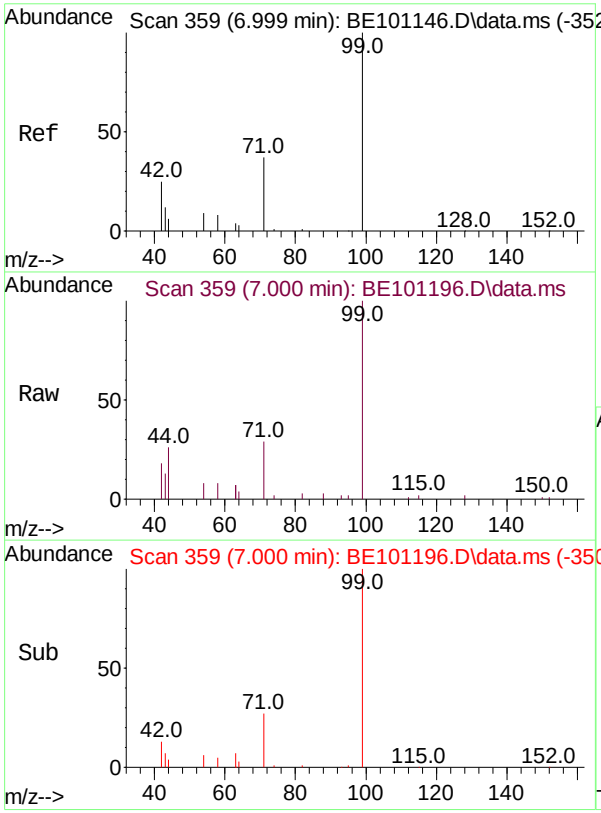


#4
2-Fluorophenol
Concen: 0.49 ng
RT: 5.422 min Scan# 222
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:112 Resp: 4321

Ion	Ratio	Lower	Upper
112	100		
64	78.8	60.8	91.2
63	155.4	119.4	179.0

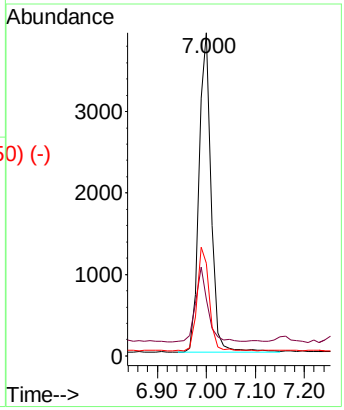
Instrument :
BNA_E
ClientSampleId :

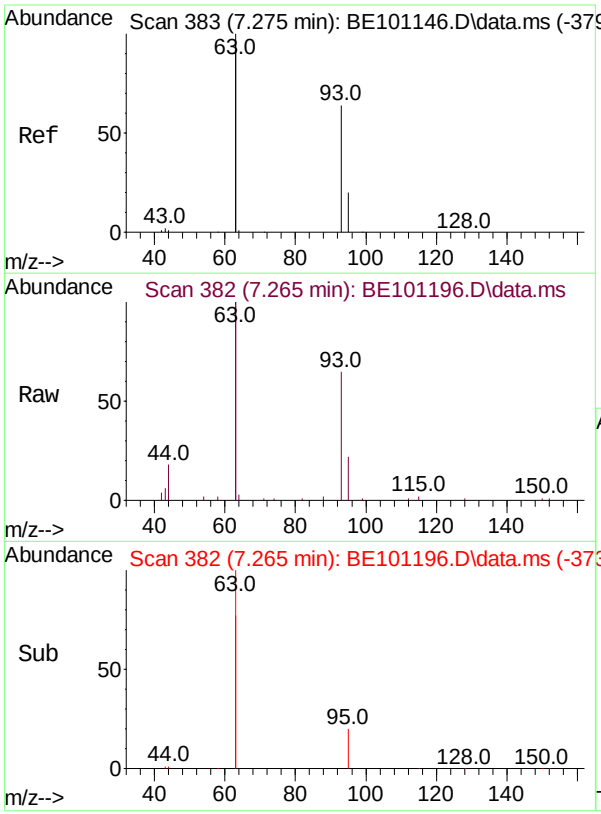


#5
Phenol-d6
Concen: 0.50 ng
RT: 7.000 min Scan# 359
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion: 99 Resp: 6826

Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.8	28.2
71	32.7	26.3	39.5

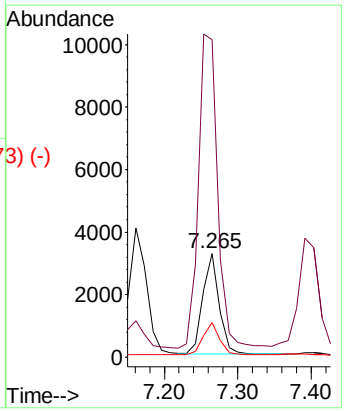




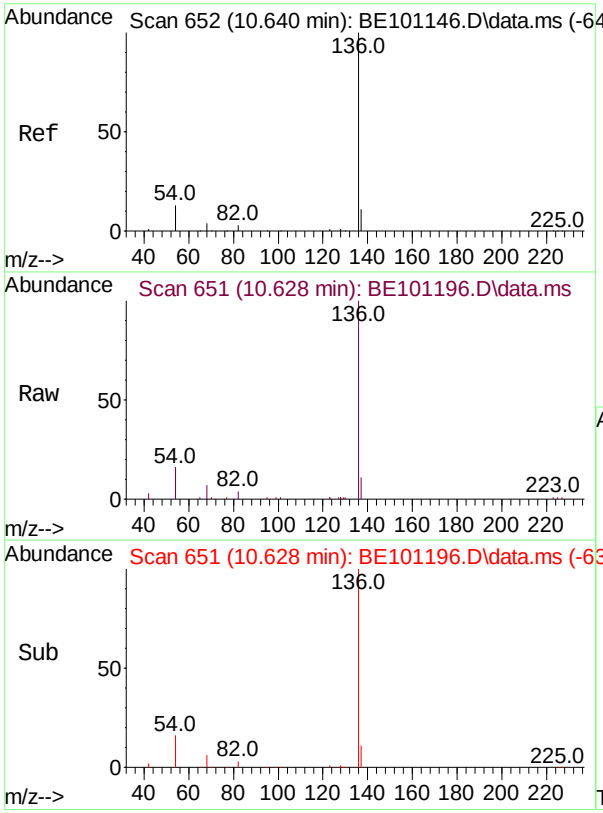
#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.265 min Scan# 382
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion: 93 Resp: 5075

Ion	Ratio	Lower	Upper
93	100		
63	360.8	292.5	438.7
95	31.6	25.8	38.6



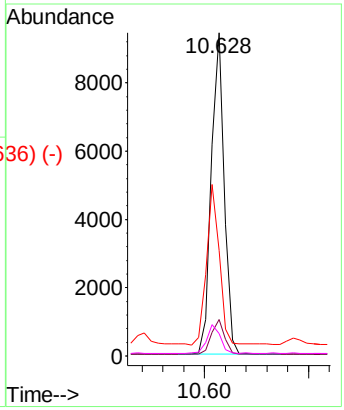
Instrument :
BNA_E
ClientSampleId :

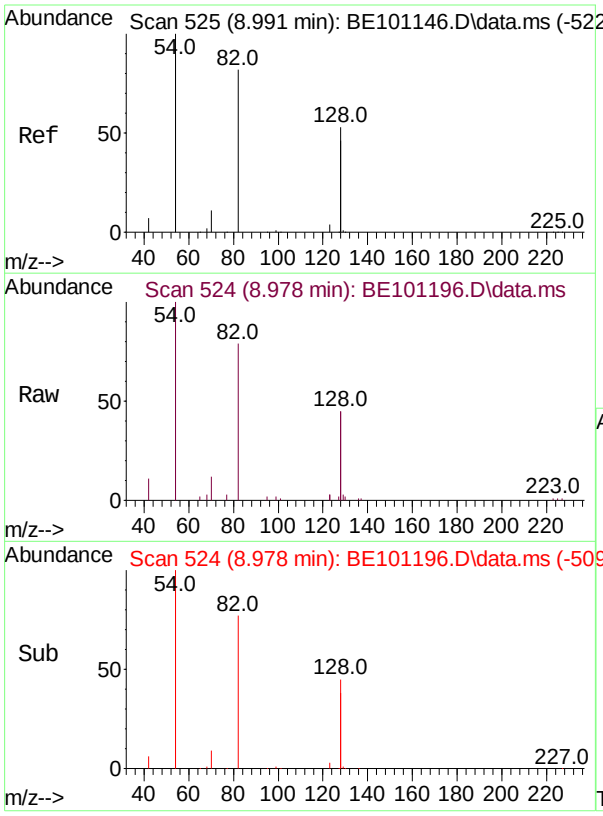


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:136 Resp: 16327

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	32.6	20.2	30.4#
68	6.8	4.0	6.0#

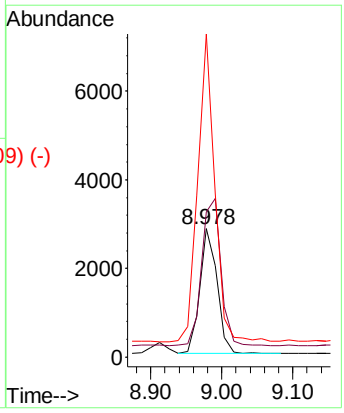




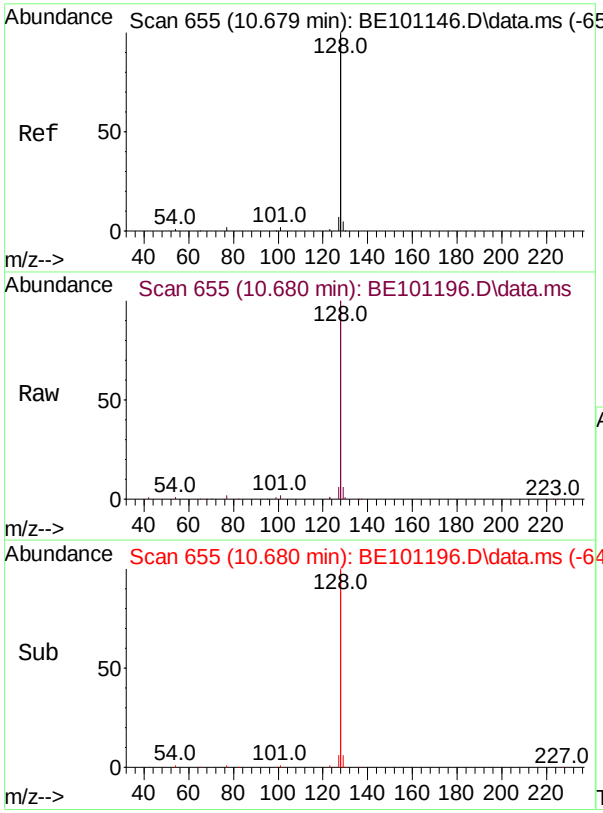
#8
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion: 82 Resp: 4796

Ion	Ratio	Lower	Upper
82	100		
128	113.1	101.5	152.3
54	251.8	189.8	284.6



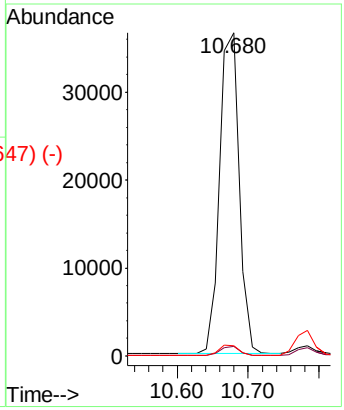
Instrument :
BNA_E
ClientSampleId :

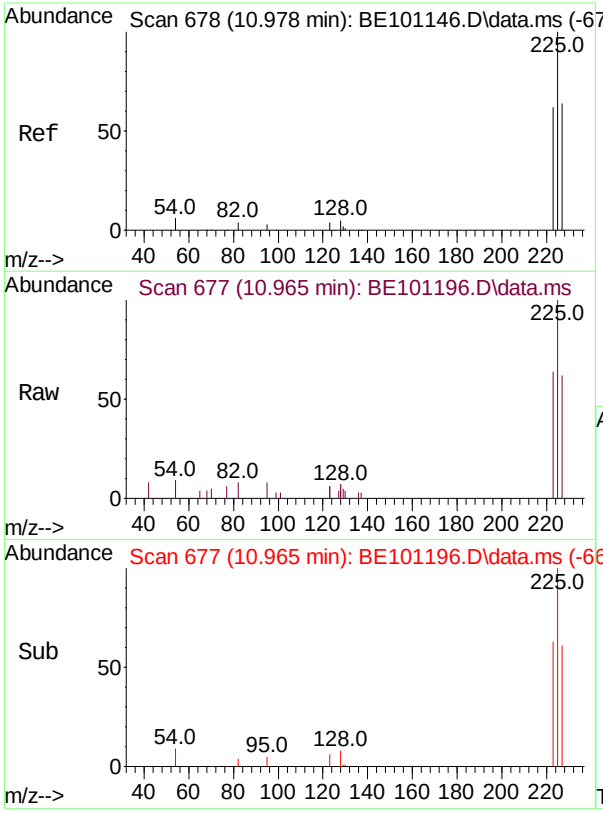


#9
Naphthalene
Concen: 0.42 ng
RT: 10.680 min Scan# 655
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:128 Resp: 70078

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.2	3.2
127	3.1	2.7	4.1

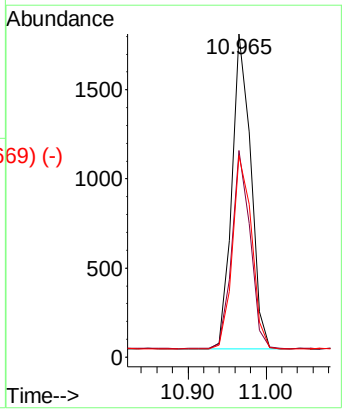




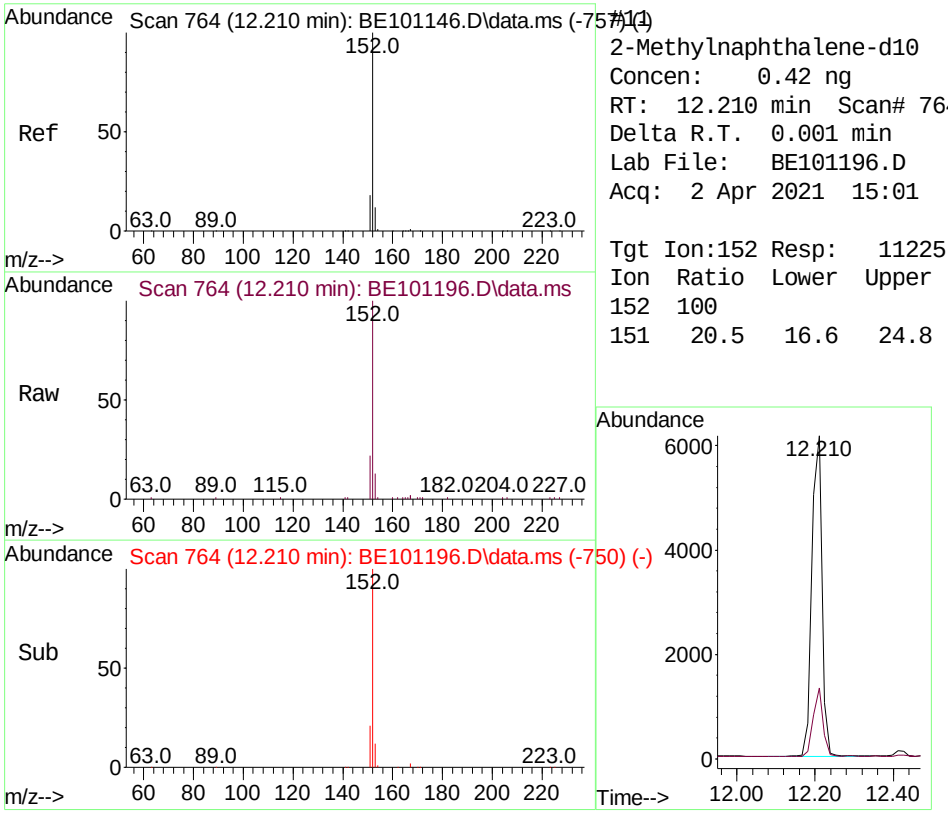
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.965 min Scan# 677
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:225 Resp: 3000

Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.1	75.1
227	62.5	51.7	77.5



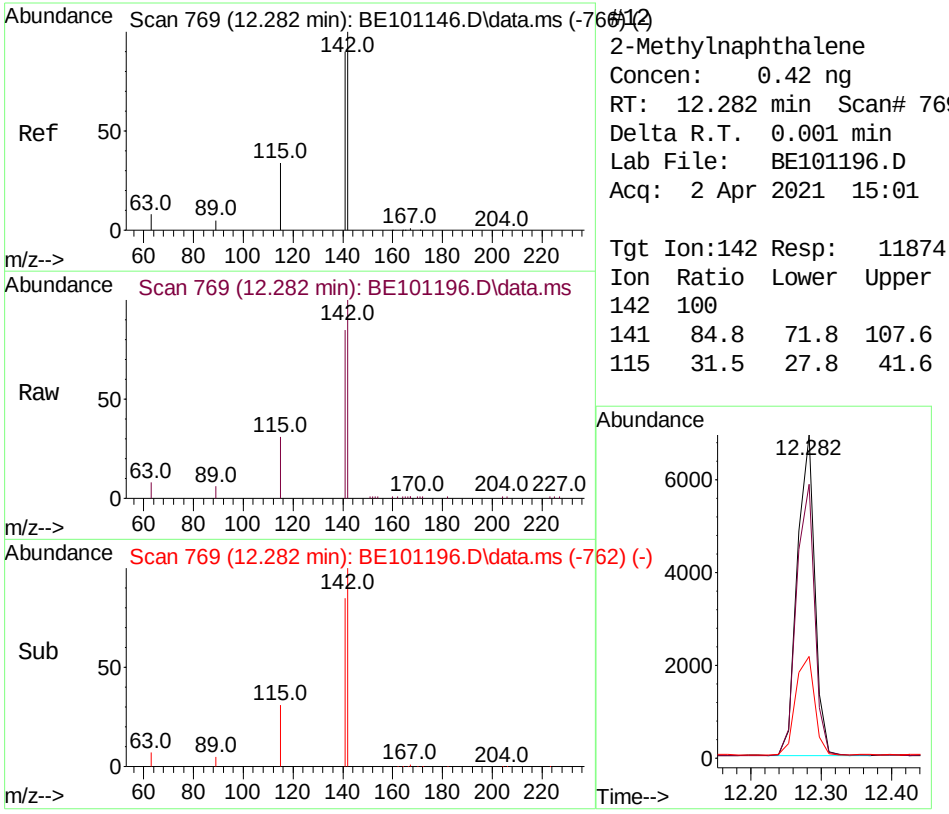
Instrument :
BNA_E
ClientSampleId :



#11(1)
2-Methylnaphthalene-d10
Concen: 0.42 ng
RT: 12.210 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:152 Resp: 11225

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8

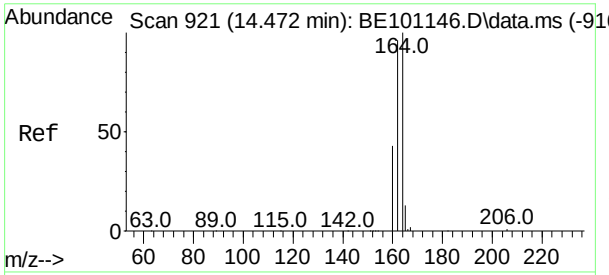


#12(2)
2-Methylnaphthalene
Concen: 0.42 ng
RT: 12.282 min Scan# 769
Delta R.T. 0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:142 Resp: 11874

Ion	Ratio	Lower	Upper
142	100		
141	84.8	71.8	107.6
115	31.5	27.8	41.6

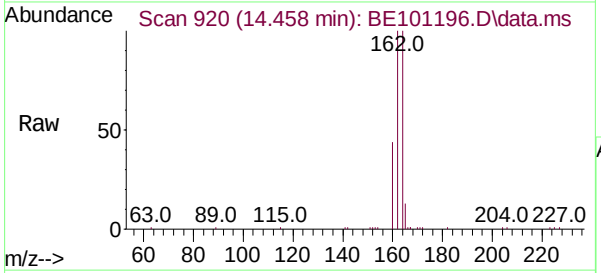
Instrument :
BNA_E
ClientSampleId :

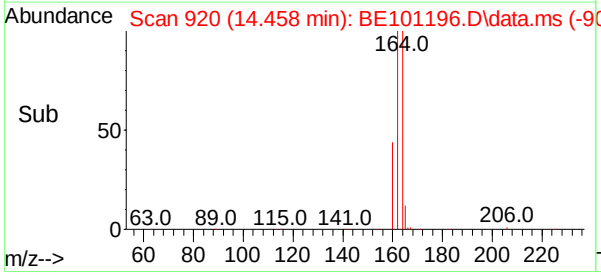


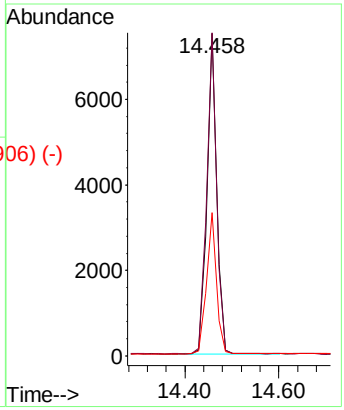
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

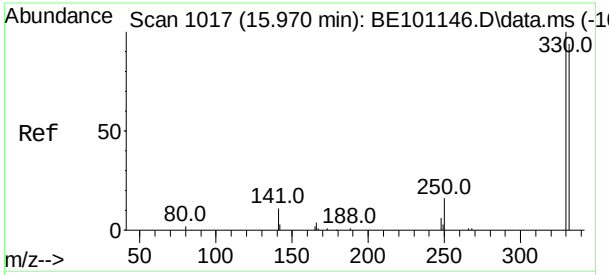
Tgt Ion:164 Resp: 10885

Ion	Ratio	Lower	Upper
164	100		
162	100.2	76.6	115.0
160	44.5	34.5	51.7





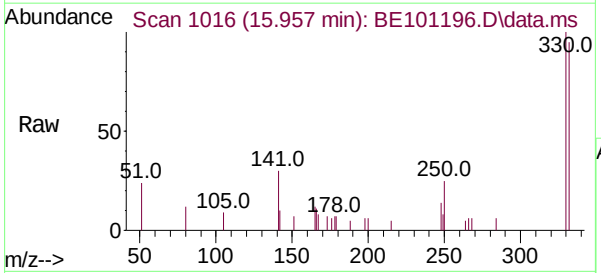


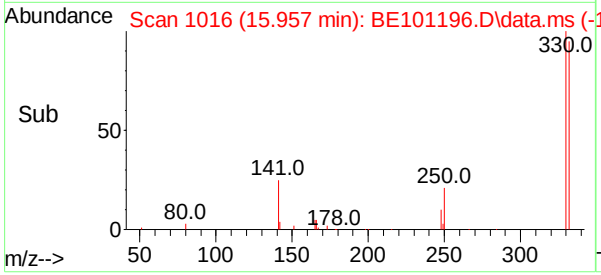


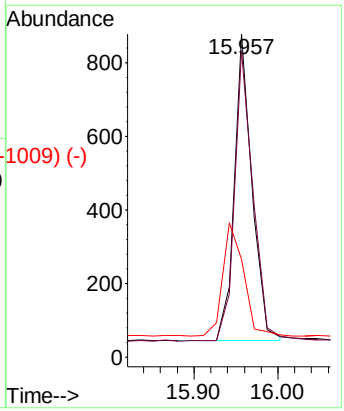
#14
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 15.957 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:330 Resp: 1228

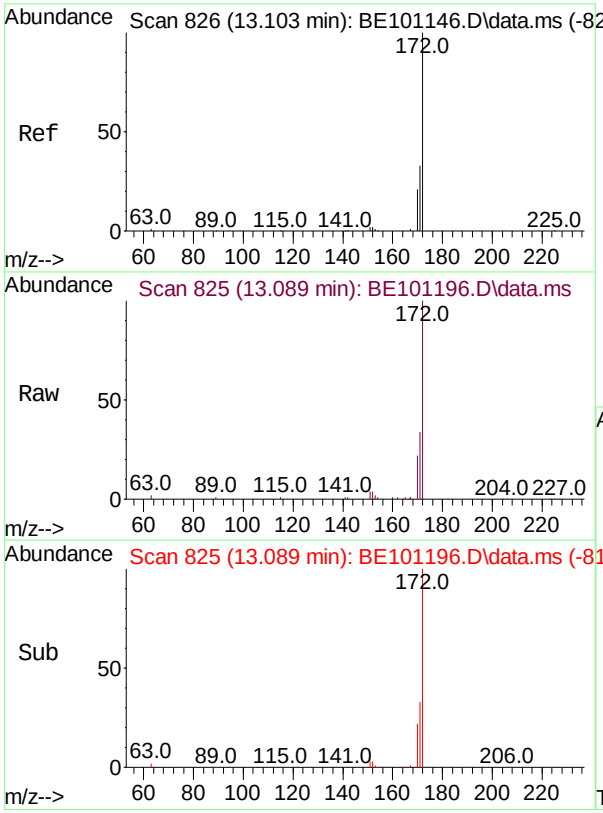
Ion	Ratio	Lower	Upper
330	100		
332	99.5	69.1	103.7
141	43.4	30.6	45.8







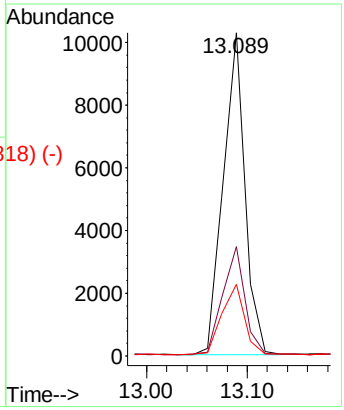
Instrument :
BNA_E
ClientSampleId :

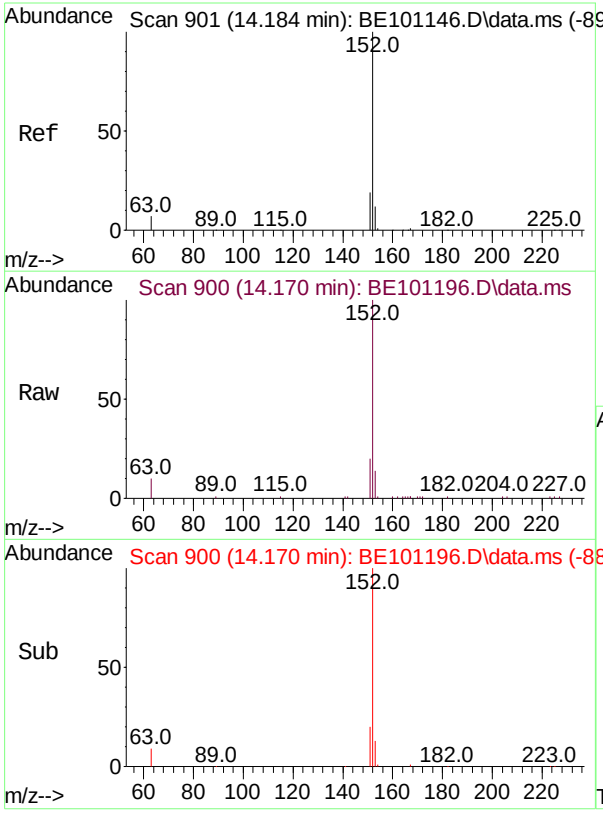


#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.089 min Scan# 825
Delta R.T. 0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:172 Resp: 15430

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.4	39.6
170	22.1	17.4	26.0

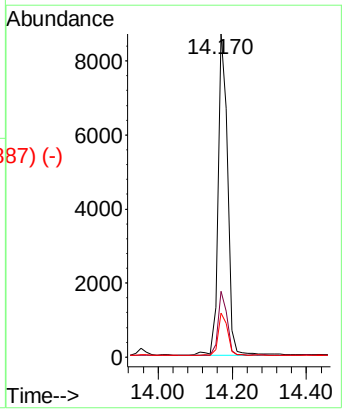




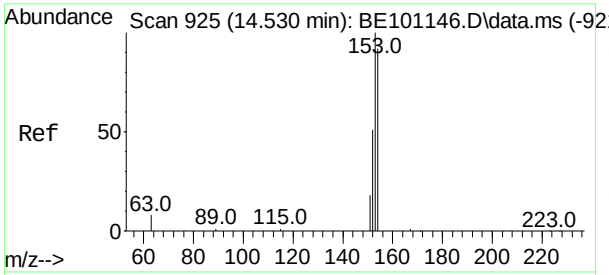
#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.170 min Scan# 900
Delta R.T. -0.013 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:152 Resp: 15557

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0
153	12.9	10.3	15.5



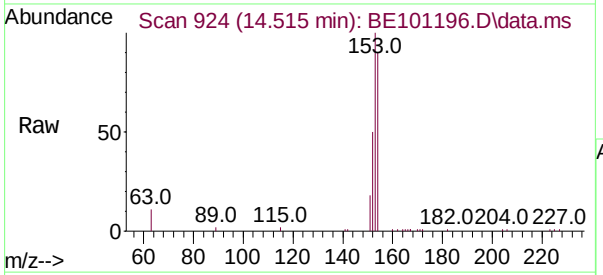
Instrument :
BNA_E
ClientSampleId :

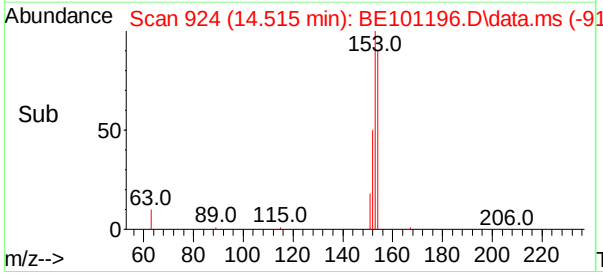


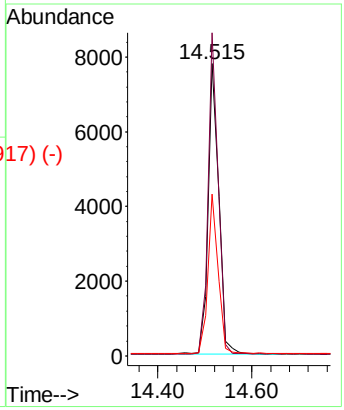
#17
Acenaphthene
Concen: 0.41 ng
RT: 14.515 min Scan# 924
Delta R.T. 0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

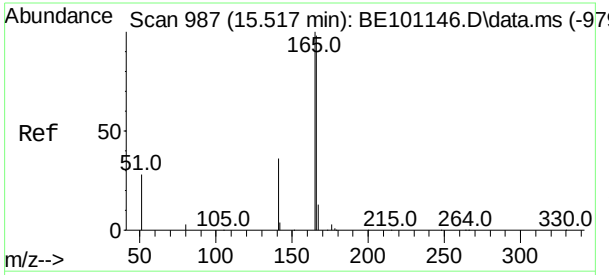
Tgt Ion:154 Resp: 12212

Ion	Ratio	Lower	Upper
154	100		
153	105.5	86.7	130.1
152	52.9	46.1	69.1





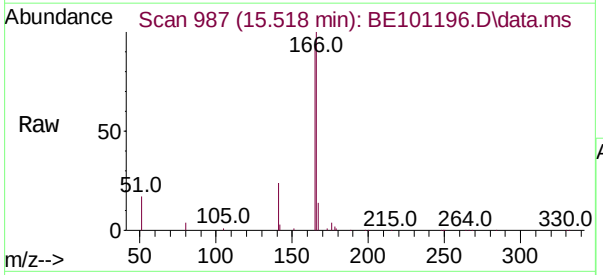


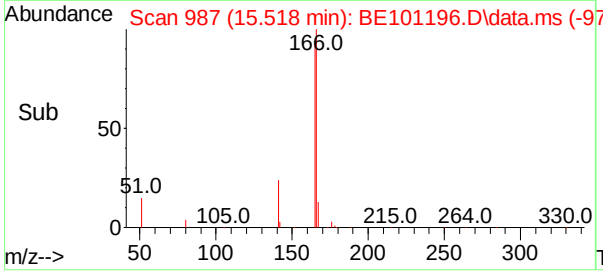


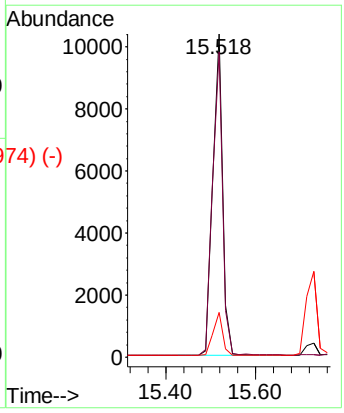
#18
Fluorene
Concen: 0.40 ng
RT: 15.518 min Scan# 987
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:166 Resp: 15902

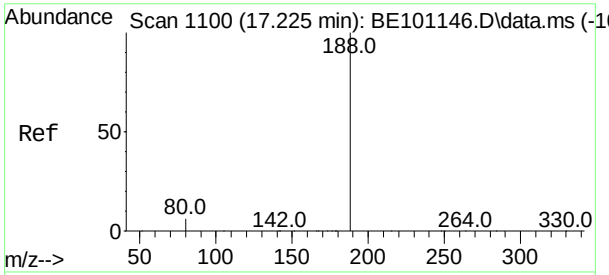
Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.9	118.3
167	13.2	10.7	16.1







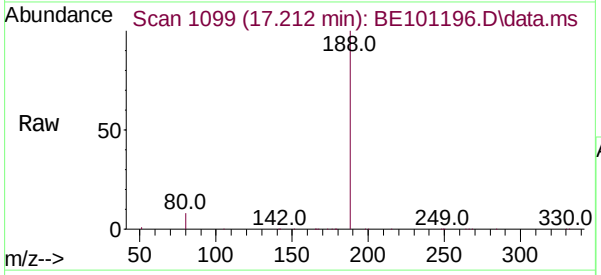
Instrument :
BNA_E
ClientSampleId :

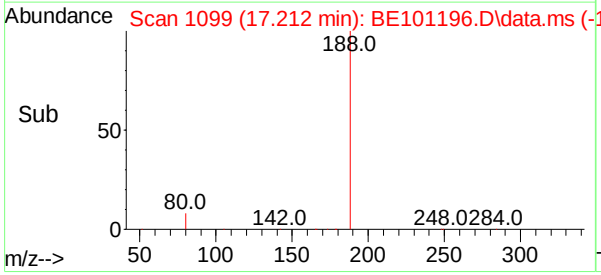


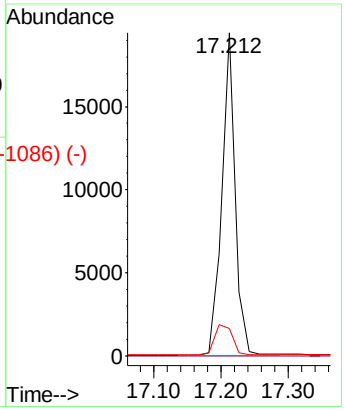
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.212 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

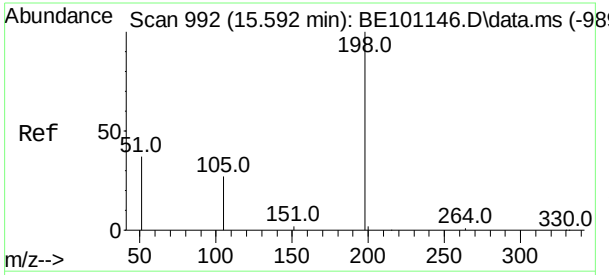
Tgt Ion:188 Resp: 26986

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	4.8	7.2#





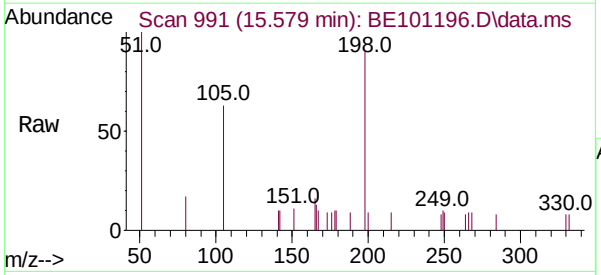


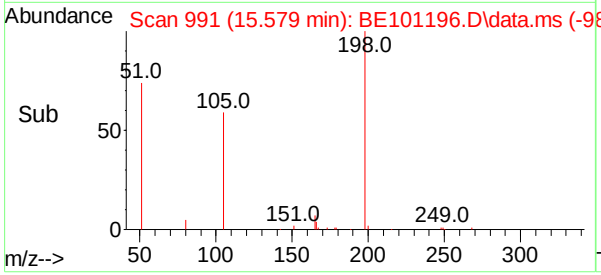


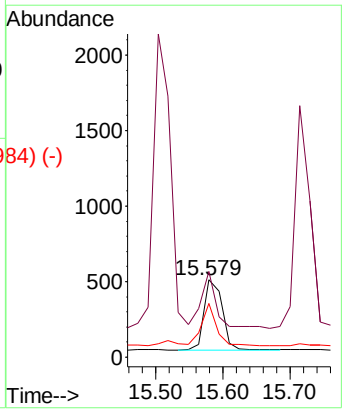
#20
4,6-Dinitro-2-methylphenol
Concen: 0.64 ng
RT: 15.579 min Scan# 991
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:198 Resp: 875

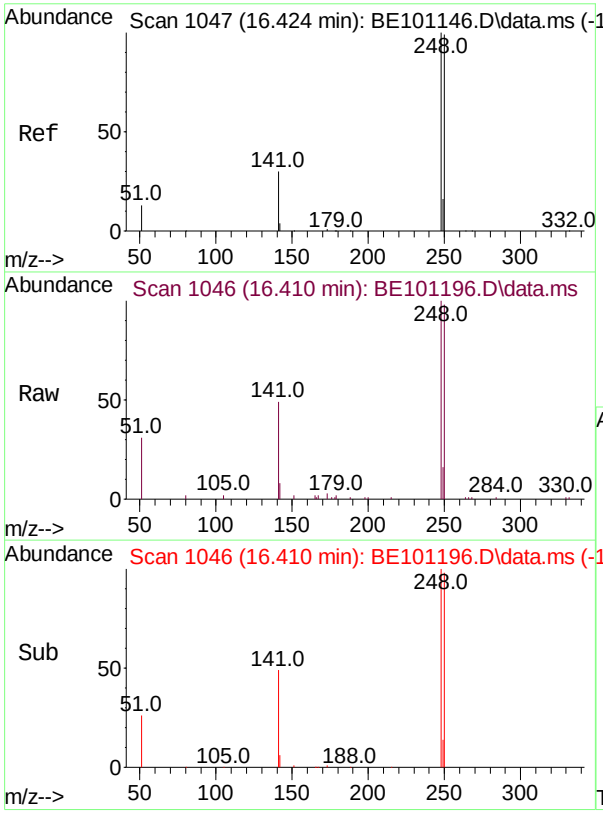
Ion	Ratio	Lower	Upper
198	100		
51	110.8	68.8	103.2#
105	69.7	32.7	49.1#







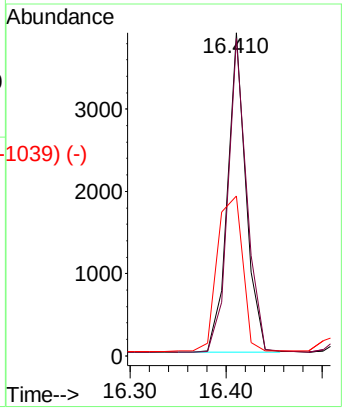
Instrument :
BNA_E
ClientSampleId :

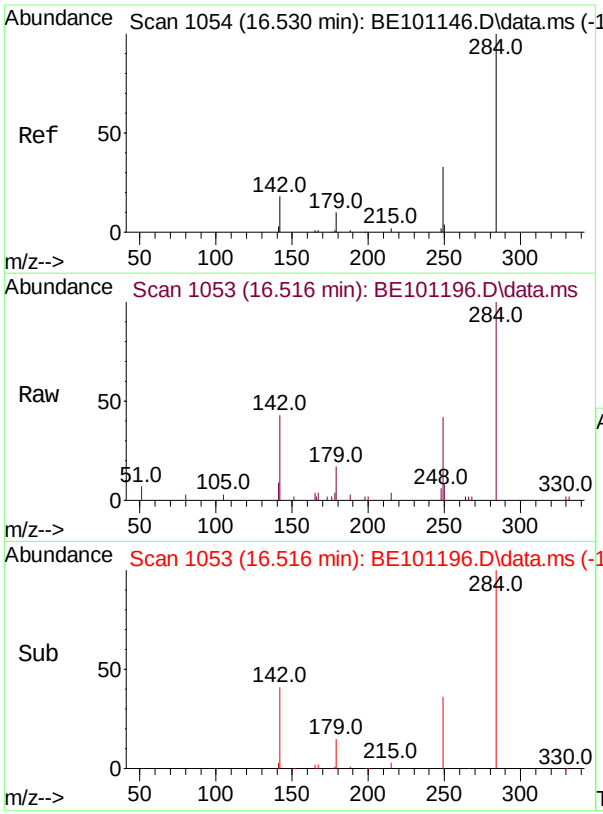


#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.410 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:248 Resp: 5131

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.0	118.6
141	49.5	24.9	37.3#

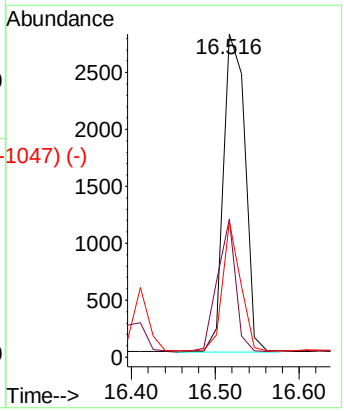




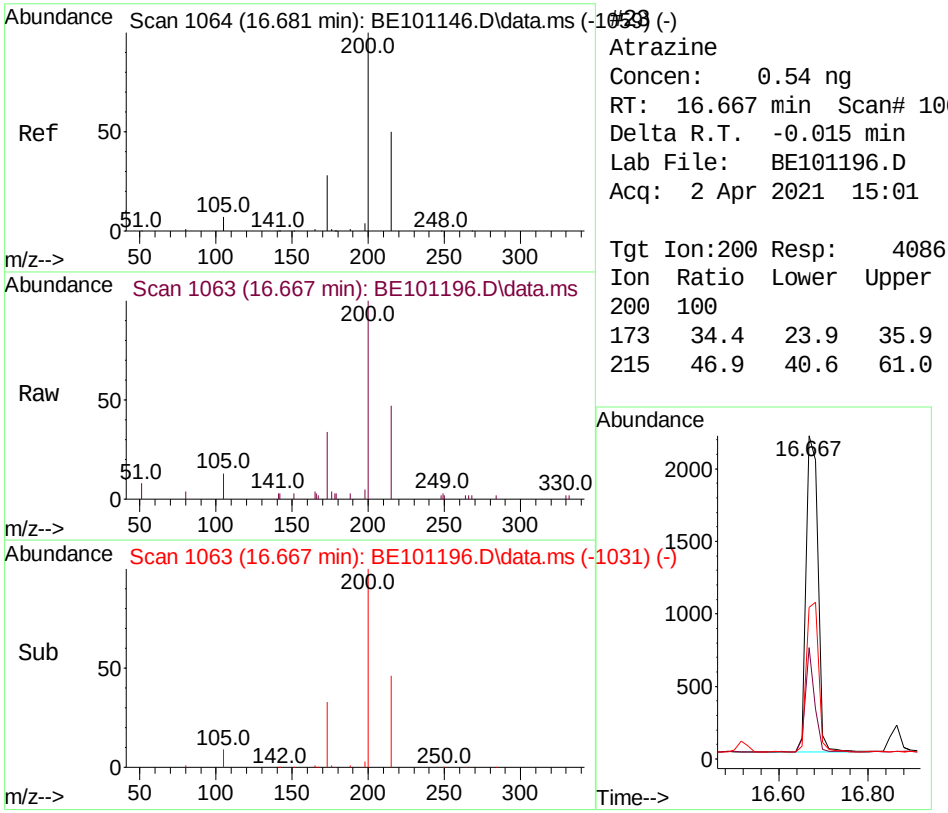
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.516 min Scan# 1053
Delta R.T. -0.015 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:284 Resp: 5069

Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.3	42.5
249	33.9	27.1	40.7



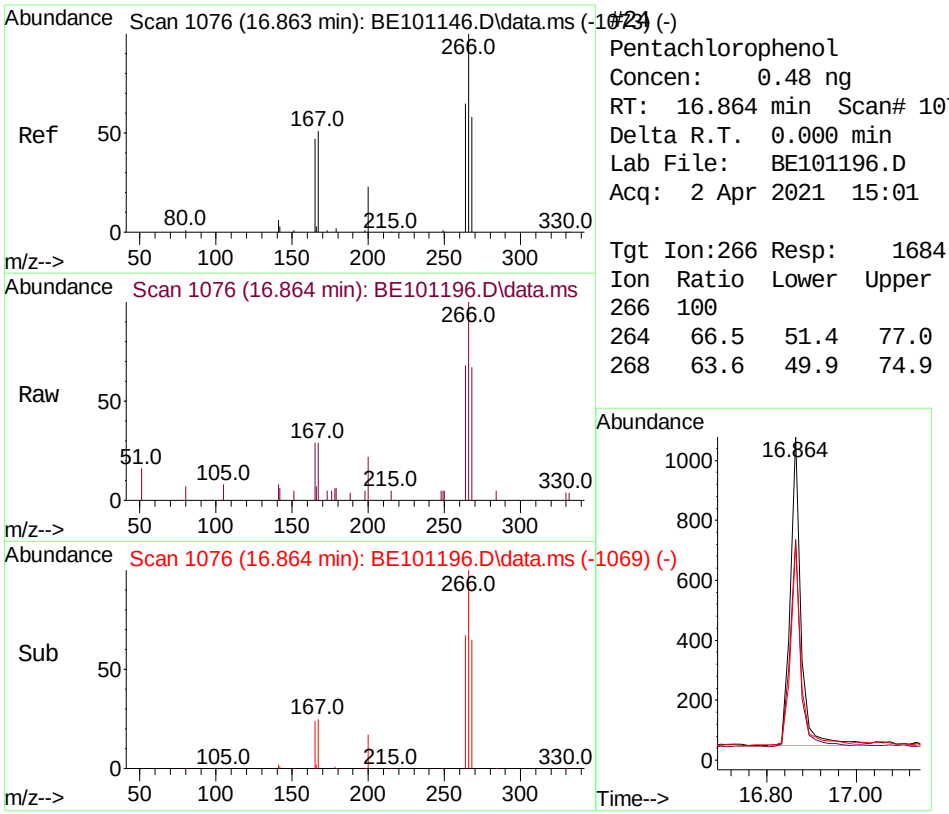
Instrument :
BNA_E
ClientSampleId :



#23
Atrazine
Concen: 0.54 ng
RT: 16.667 min Scan# 1063
Delta R.T. -0.015 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:200 Resp: 4086

Ion	Ratio	Lower	Upper
200	100		
173	34.4	23.9	35.9
215	46.9	40.6	61.0

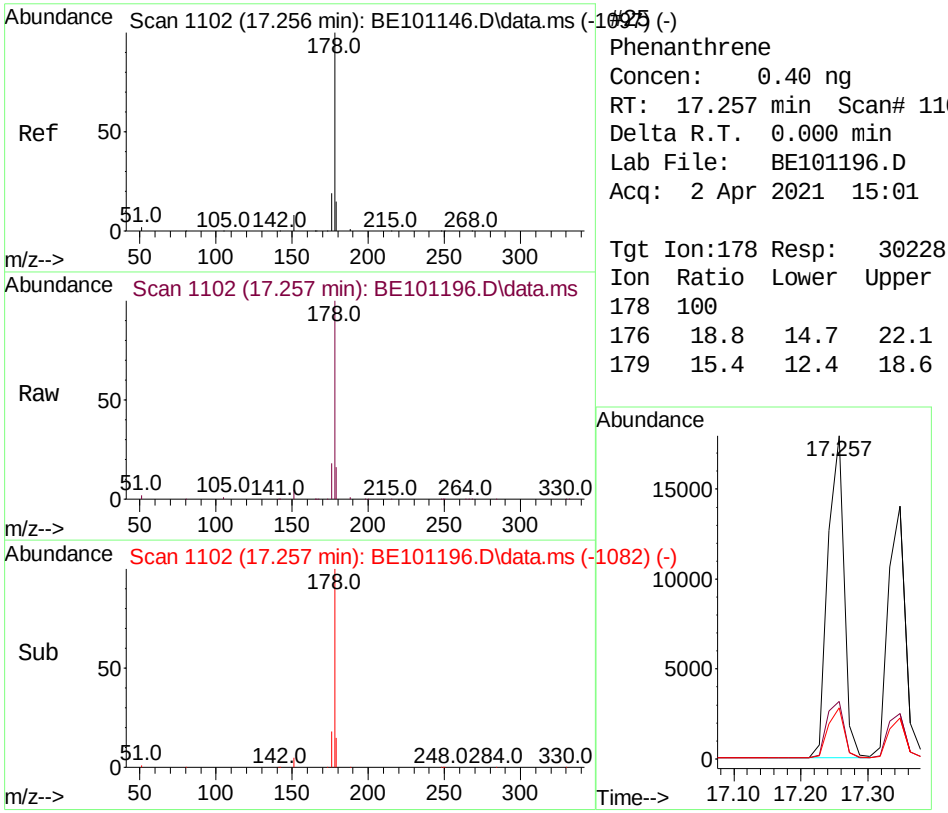


#24
Pentachlorophenol
Concen: 0.48 ng
RT: 16.864 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:266 Resp: 1684

Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.4	77.0
268	63.6	49.9	74.9

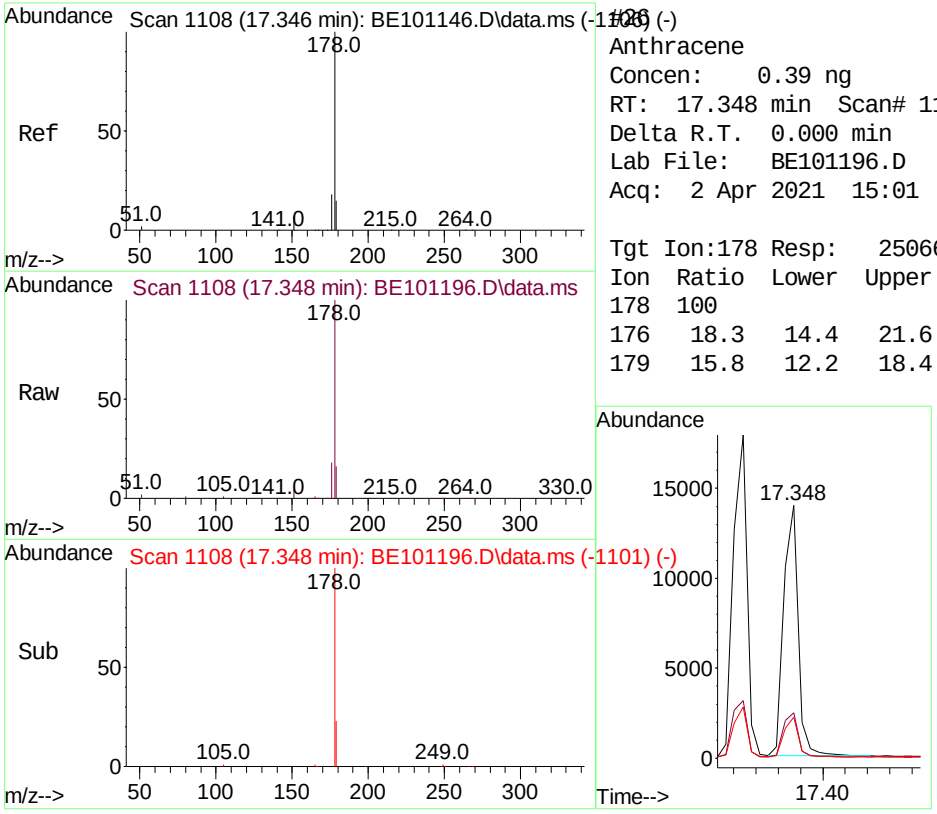
Instrument :
BNA_E
ClientSampleId :



#25
Phenanthrene
Concen: 0.40 ng
RT: 17.257 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:178 Resp: 30228

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.4	12.4	18.6

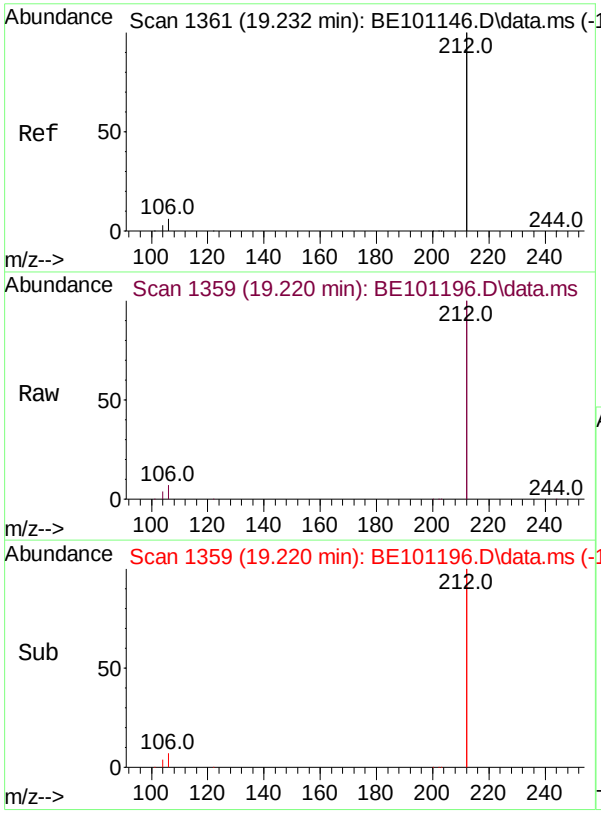


#26
Anthracene
Concen: 0.39 ng
RT: 17.348 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:178 Resp: 25066

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.4	21.6
179	15.8	12.2	18.4

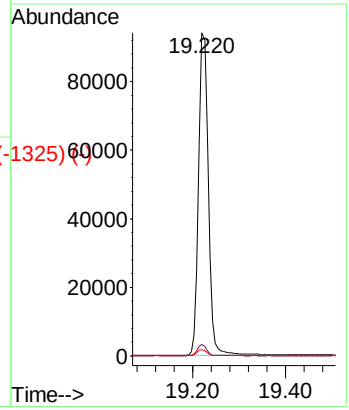
Instrument :
BNA_E
ClientSampleId :

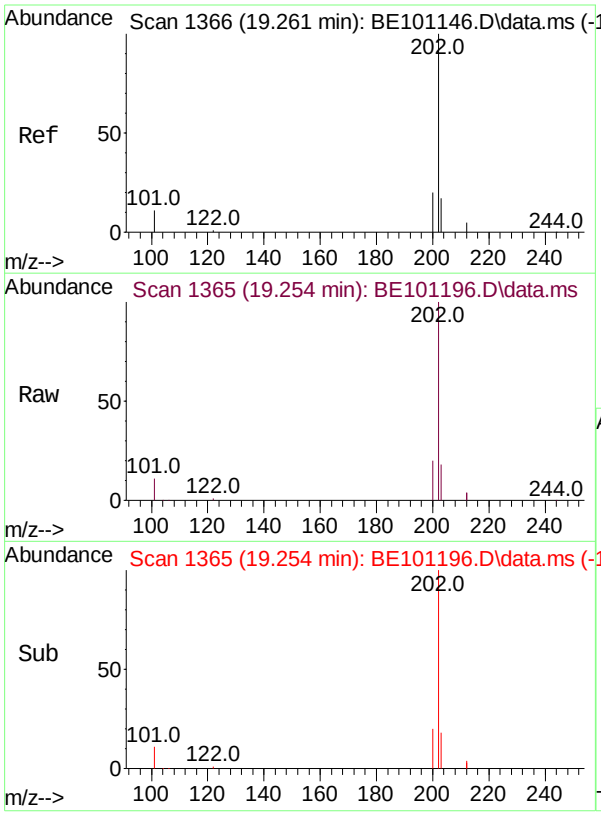


#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 19.220 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:212 Resp: 136590

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

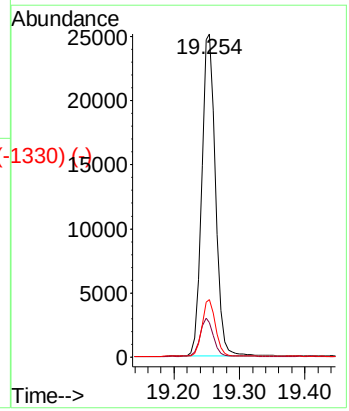




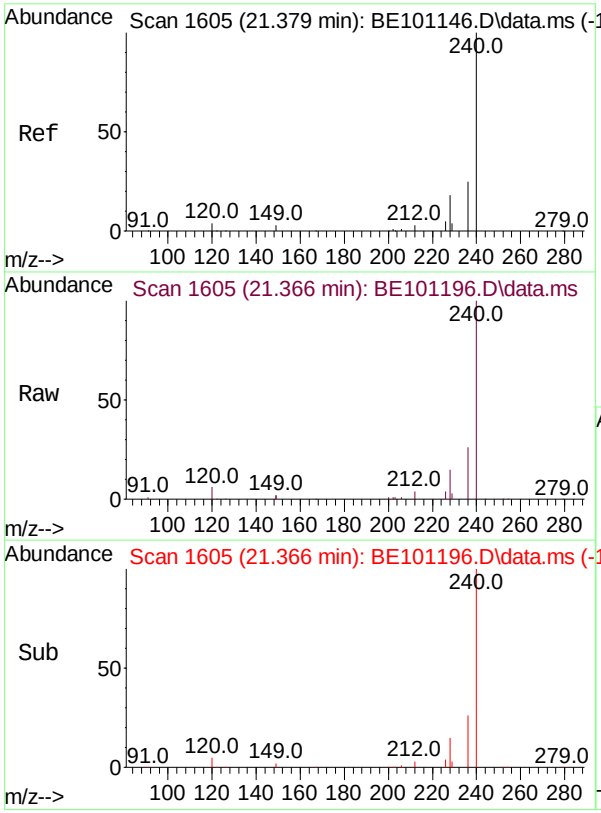
#28
Fluoranthene
Concen: 0.39 ng
RT: 19.254 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:202 Resp: 37114

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
203	17.2	13.8	20.6



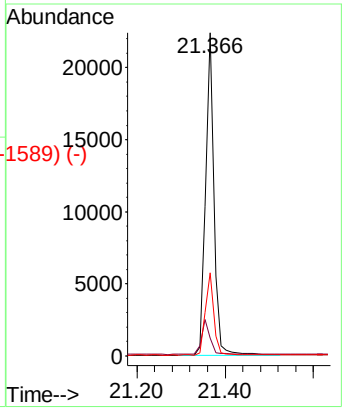
Instrument :
BNA_E
ClientSampleId :

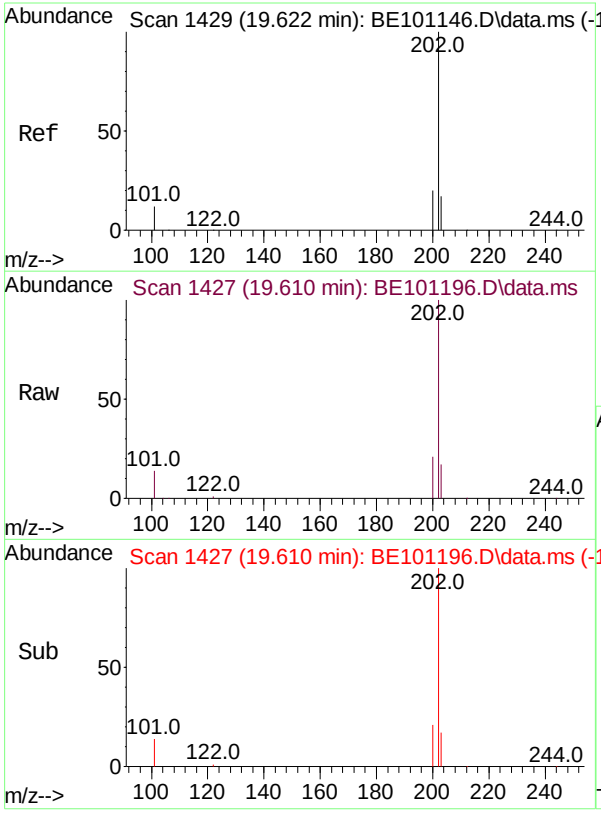


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1605
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:240 Resp: 29569

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.1	6.1
236	25.7	20.3	30.5

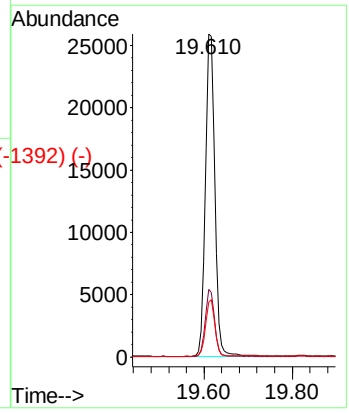




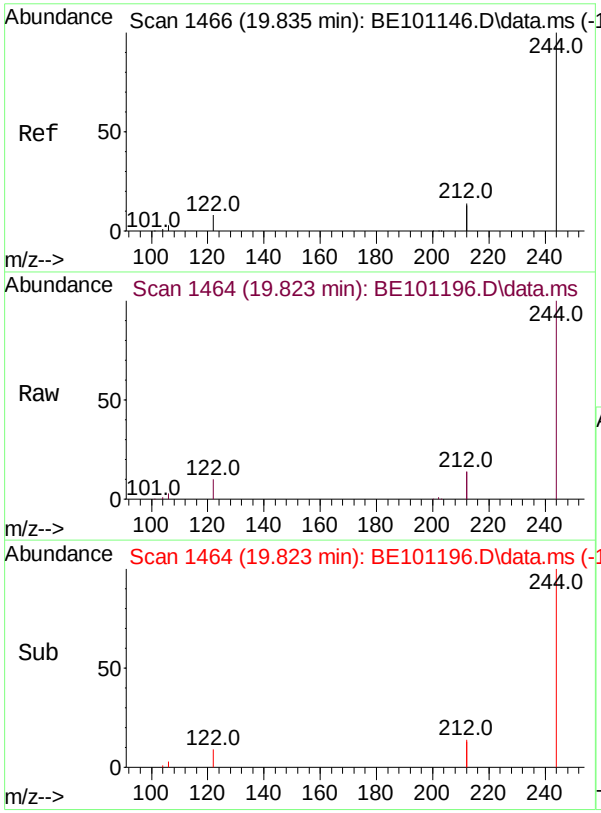
#30
Pyrene
Concen: 0.44 ng
RT: 19.610 min Scan# 1427
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:202 Resp: 38100

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.5	13.9	20.9



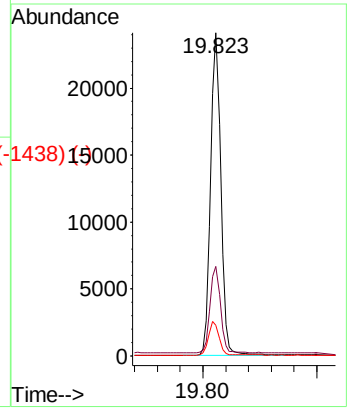
Instrument :
BNA_E
ClientSampleId :

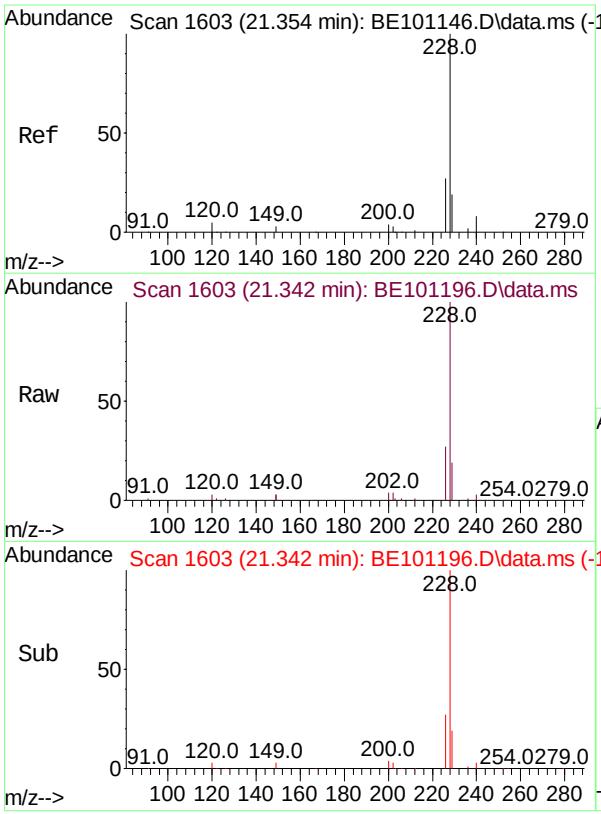


#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.823 min Scan# 1464
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:244 Resp: 29571

Ion	Ratio	Lower	Upper
244	100		
212	27.7	21.7	32.5
122	9.6	6.6	10.0

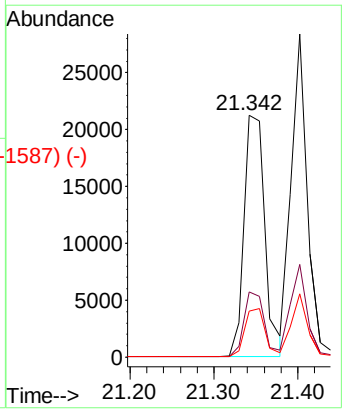




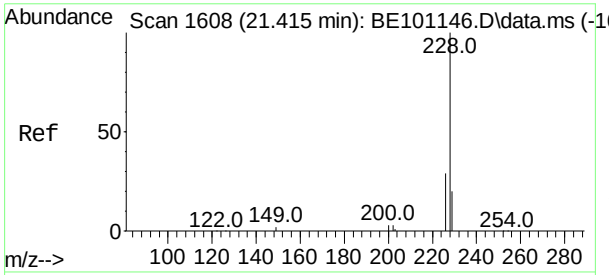
#32
Benzo(a)anthracene
Concen: 0.48 ng
RT: 21.342 min Scan# 1603
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:228 Resp: 36359

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	18.9	15.4	23.0



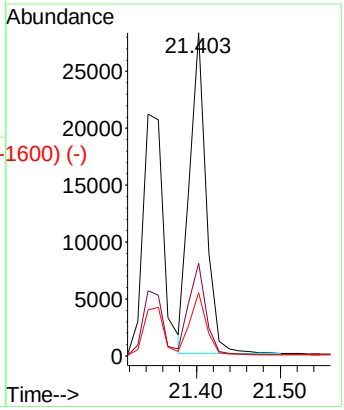
Instrument :
BNA_E
ClientSampleId :

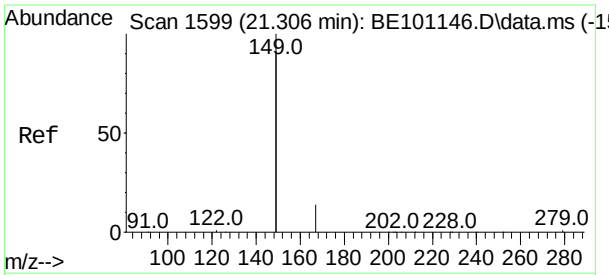


#33
Chrysene
Concen: 0.42 ng
RT: 21.403 min Scan# 1608
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:228 Resp: 38427

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.8	34.2
229	19.7	16.2	24.2

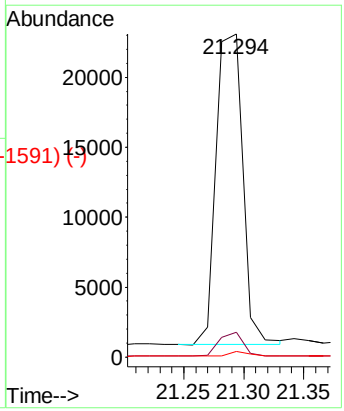




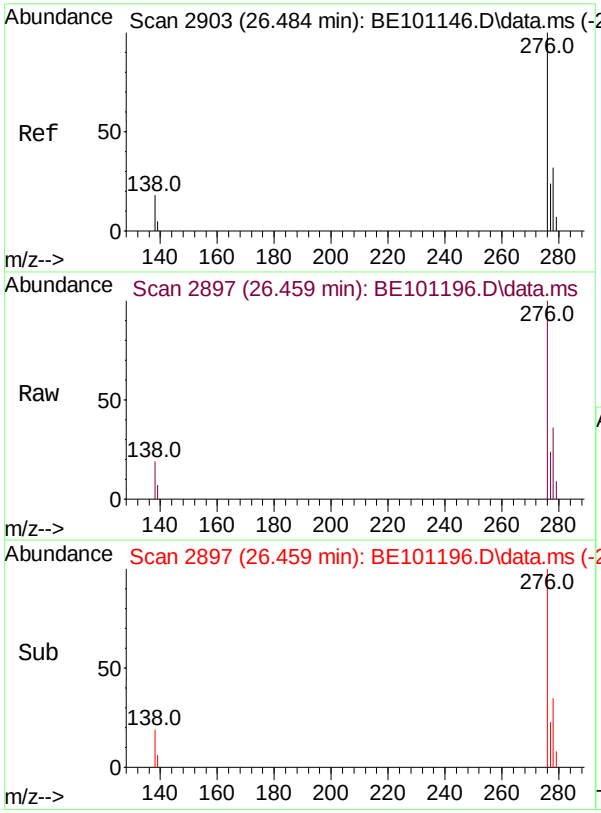
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.69 ng
RT: 21.294 min Scan# 1599
Delta R.T. -0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:149 Resp: 34507

Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.2
279	1.2	0.9	1.3



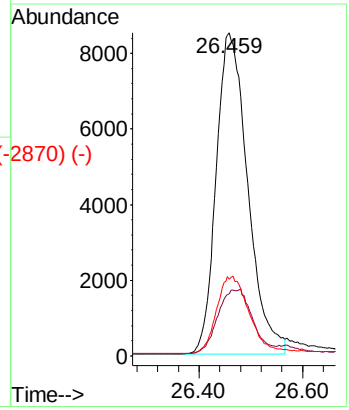
Instrument :
BNA_E
ClientSampleId :

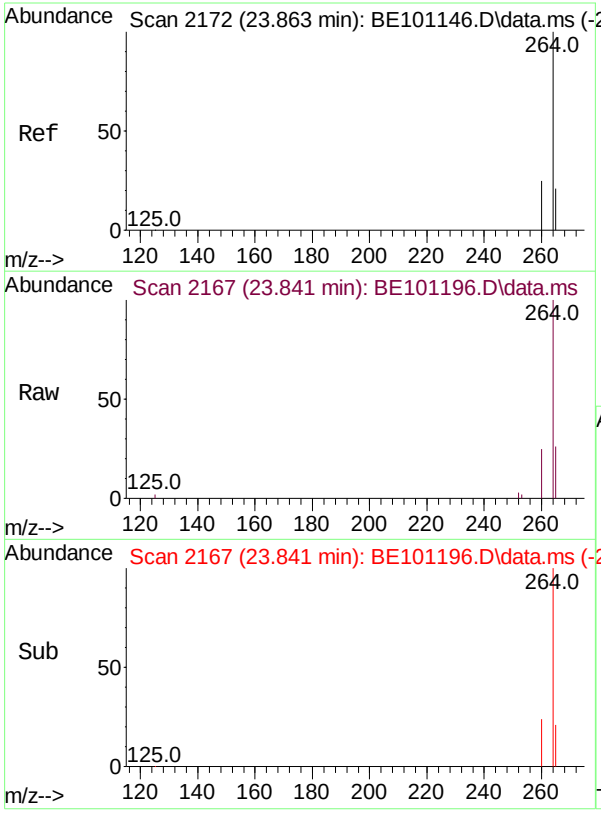


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.60 ng
RT: 26.459 min Scan# 2897
Delta R.T. -0.004 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:276 Resp: 35974

Ion	Ratio	Lower	Upper
276	100		
138	11.2	17.1	25.7#
277	24.7	19.8	29.8

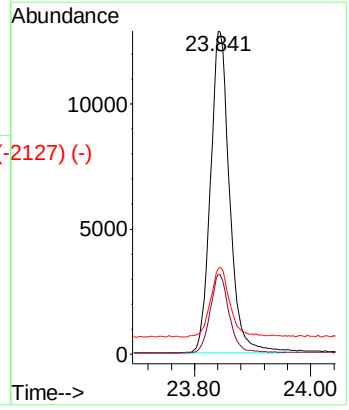




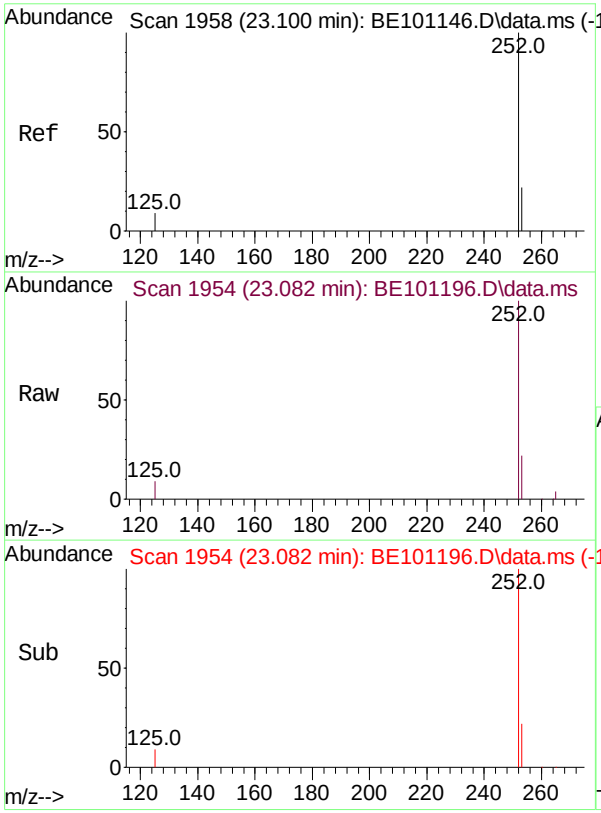
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.841 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:264 Resp: 29379

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.5	30.7
265	26.4	20.6	30.8



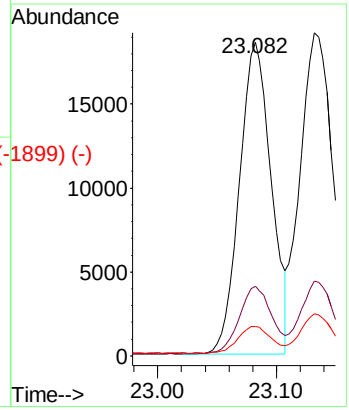
Instrument :
BNA_E
ClientSampleId :

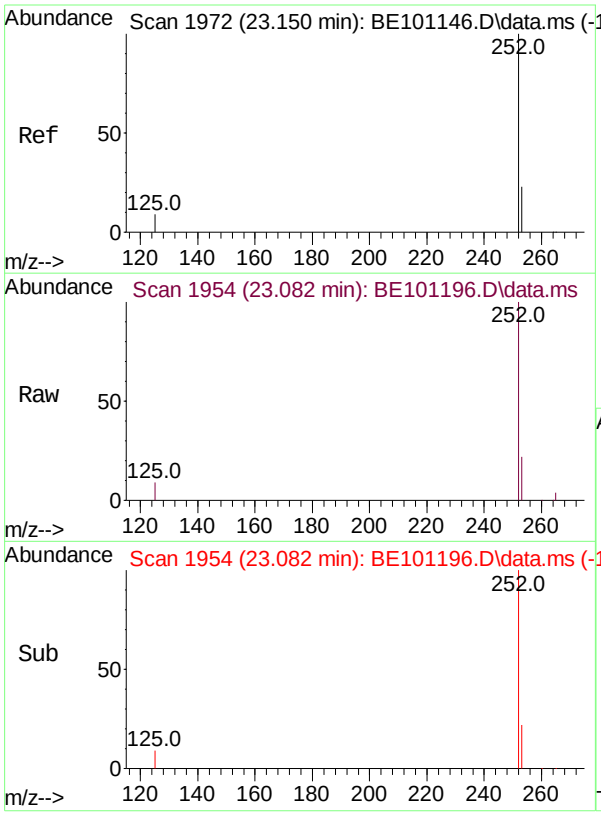


#37
Benzo(b)fluoranthene
Concen: 0.45 ng
RT: 23.082 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:252 Resp: 34516

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	9.4	7.5	11.3

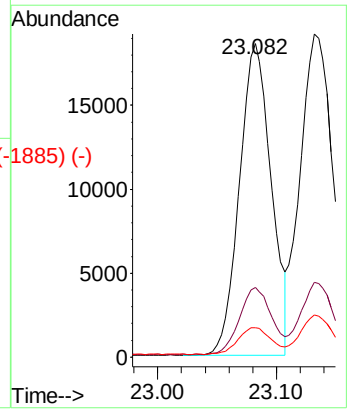


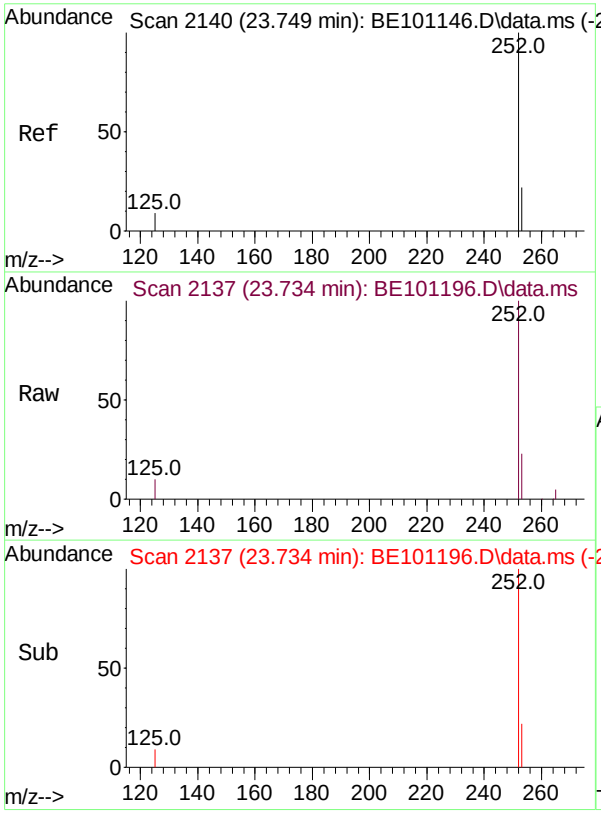


#38
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.082 min Scan# 1954
Delta R.T. -0.053 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:252 Resp: 34516

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	9.4	7.5	11.3

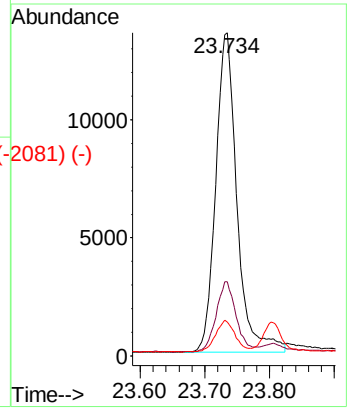




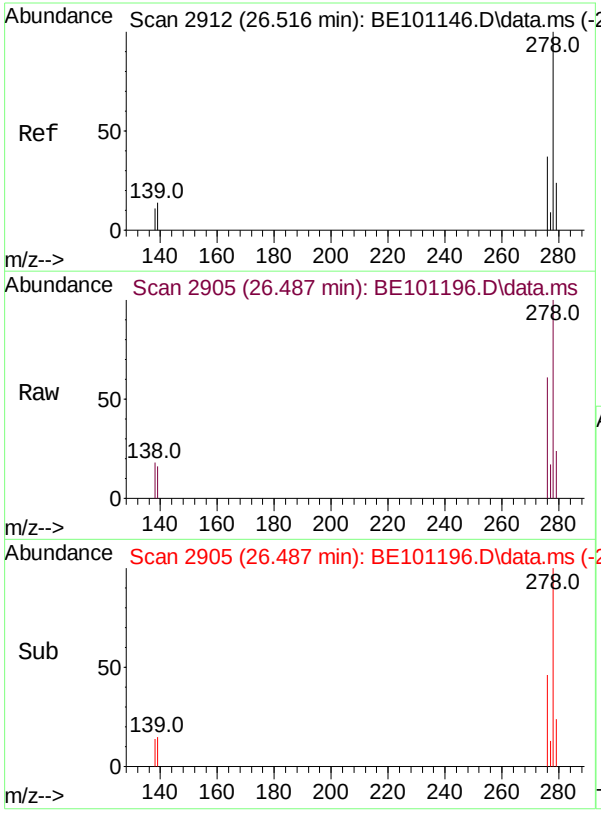
#39
Benzo(a)pyrene
Concen: 0.43 ng
RT: 23.734 min Scan# 2137
Delta R.T. 0.001 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:252 Resp: 30755

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	10.5	8.3	12.5



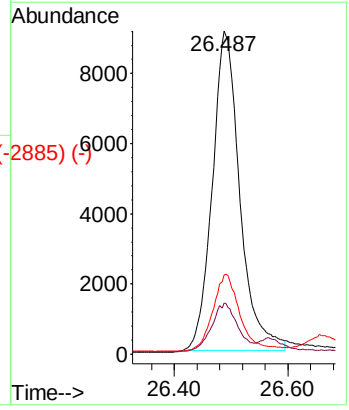
Instrument :
BNA_E
ClientSampleId :

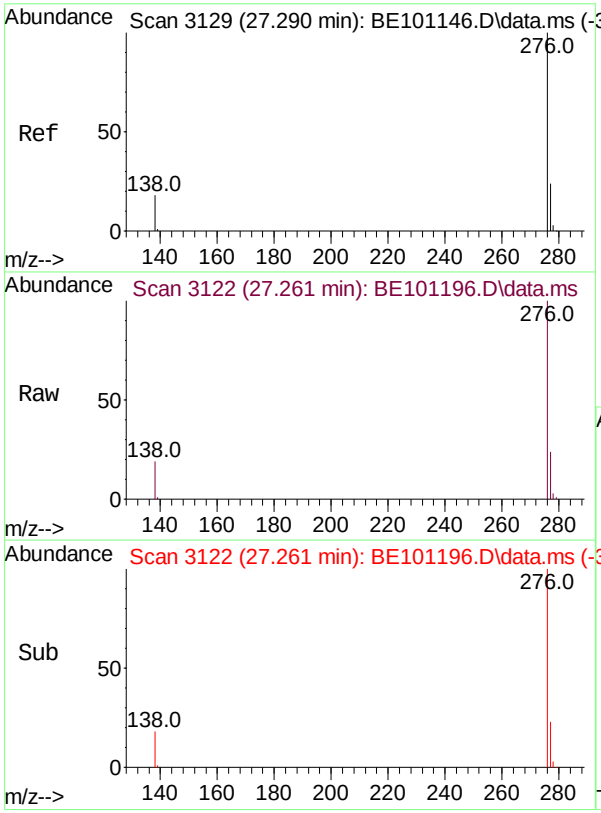


#40
Dibenzo(a,h)anthracene
Concen: 0.51 ng
RT: 26.487 min Scan# 2905
Delta R.T. -0.007 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:278 Resp: 30530

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.0	18.0
279	24.5	20.2	30.4

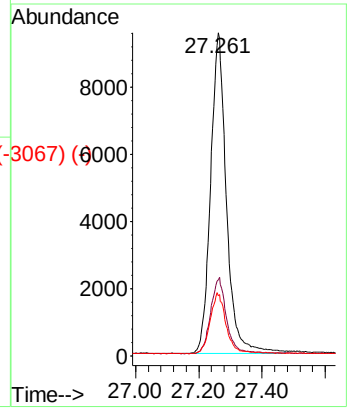




#41
Benzo(g,h,i)perylene
Concen: 0.45 ng
RT: 27.261 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BE101196.D
Acq: 2 Apr 2021 15:01

Tgt Ion:276 Resp: 33375

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.7	29.5
138	18.7	15.3	22.9



Instrument :
BNA_E
ClientSampleId :