Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016484.D
Acq On : 25 Sep 2021 20:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 26 04:16:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	21163	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	87428	0.400	ng		#-0.01
13) Acenaphthene-d10	14.294	164	43907	0.400	ng		0.00
19) Phenanthrene-d10	17.042	188	83764	0.400	ng		0.00
29) Chrysene-d12	21.248	240	82319	0.400	ng		# 0.00
35) Perylene-d12	23.515	264	74413	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	19154	0.403	ng		0.00
5) Phenol-d6	6.849	99	22380	0.399	ng		0.00
8) Nitrobenzene-d5	8.809	82	26717	0.432	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	51893	0.400	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	4252	0.385	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	73138	0.397	ng		-0.01
27) Fluoranthene-d10	19.087	212	92939	0.404	ng		0.00
31) Terphenyl-d14	19.698	244	76602	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	2699	0.298	ng	#	80
3) n-Nitrosodimethylamine	3.631	42	7954	0.365	ng	#	71
6) bis(2-Chloroethyl)ether	7.107	93	24115	0.425	ng		90
9) Naphthalene	10.482	128	92023	0.395	ng		99
10) Hexachlorobutadiene	10.774	225	19566	0.422	ng	#	99
12) 2-Methylnaphthalene	12.100	142	59672	0.404	ng		96
16) Acenaphthylene	14.002	152	77009	0.431	ng		100
17) Acenaphthene	14.357	154	50247	0.396	ng		96
18) Fluorene	15.347	166	61247	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	770	0.227	ng	#	87
21) 4-Bromophenyl-phenylether	16.250	248	19634	0.402	ng	#	94
22) Hexachlorobenzene	16.348	284	20934	0.432	ng	#	89
23) Atrazine	16.518	200	10087	0.353	ng	#	91
24) Pentachlorophenol	16.701	266	4657	0.431	ng		99
25) Phenanthrene	17.090	178	99901	0.401	ng		99
26) Anthracene	17.175	178	81036	0.390	ng		99
28) Fluoranthene	19.117	202	115578	0.423	ng		99
30) Pyrene	19.480	202	112330	0.436	ng		99
32) Benzo(a)anthracene	21.238	228	97362	0.408	ng		100
33) Chrysene	21.291	228	110796	0.432	ng		100
34) Bis(2-ethylhexyl)phtha...	21.185	149	26157	0.402	ng		96
36) Indeno(1,2,3-cd)pyrene	25.812	276	85966	0.357	ng		99
37) Benzo(b)fluoranthene	22.834	252	92692	0.373	ng		98
38) Benzo(k)fluoranthene	22.878	252	102761	0.428	ng		98
39) Benzo(a)pyrene	23.416	252	78738	0.388	ng	#	96
40) Dibenzo(a,h)anthracene	25.832	278	70513	0.343	ng		96
41) Benzo(g,h,i)perylene	26.510	276	69405	0.329	ng		94

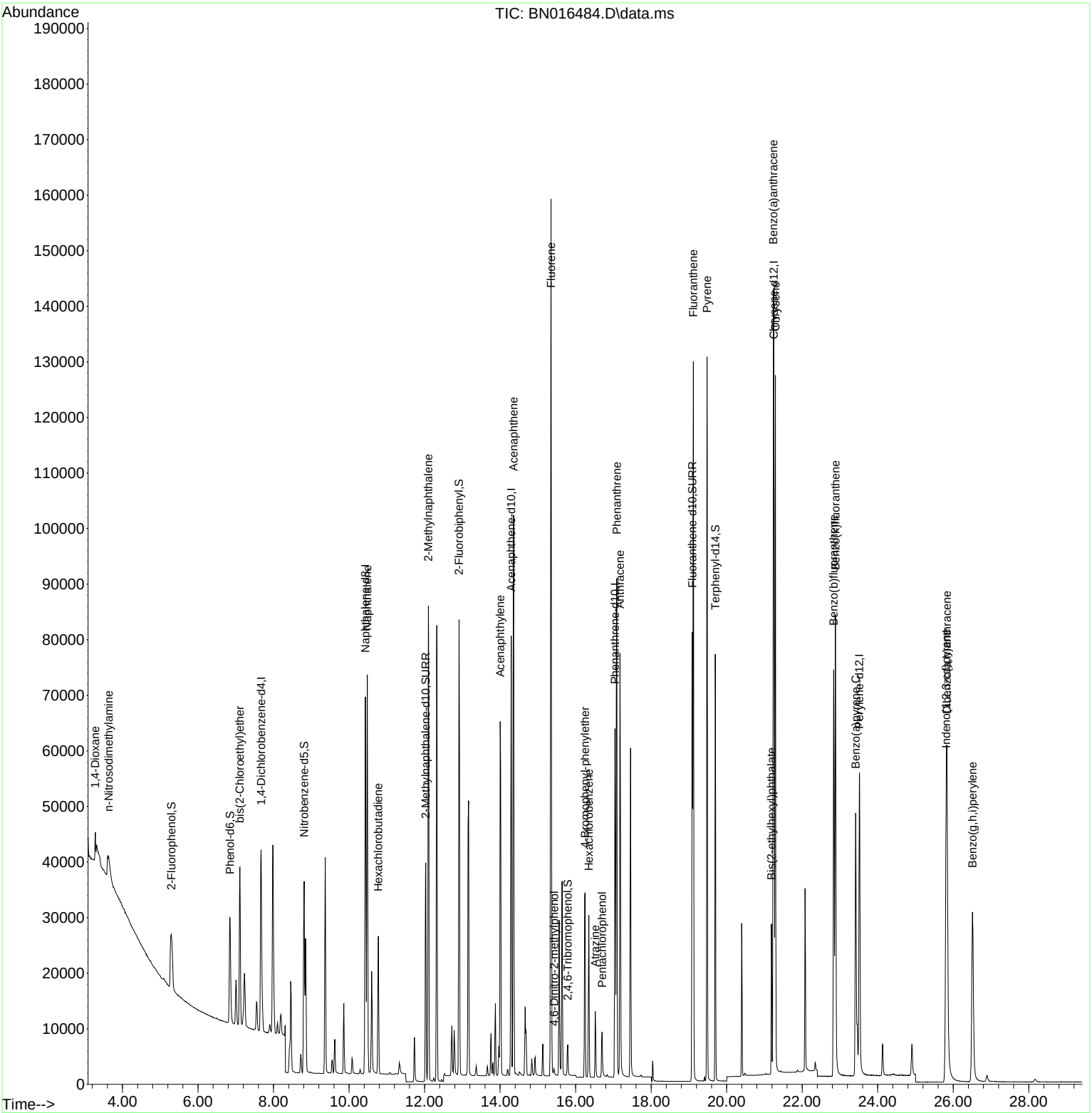
(#) = qualifier out of range (m) = manual integration (+) = signals summed

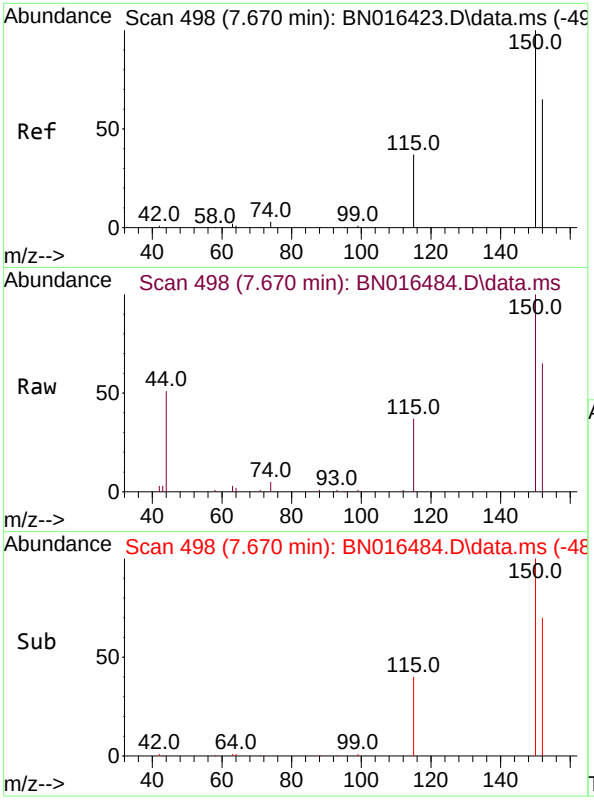
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016484.D
Acq On : 25 Sep 2021 20:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 26 04:16:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

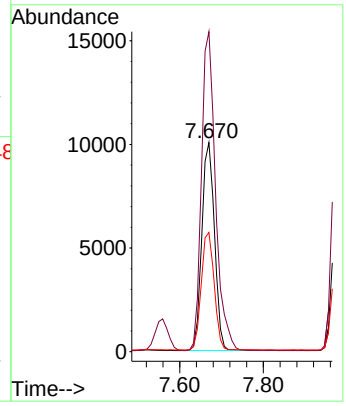




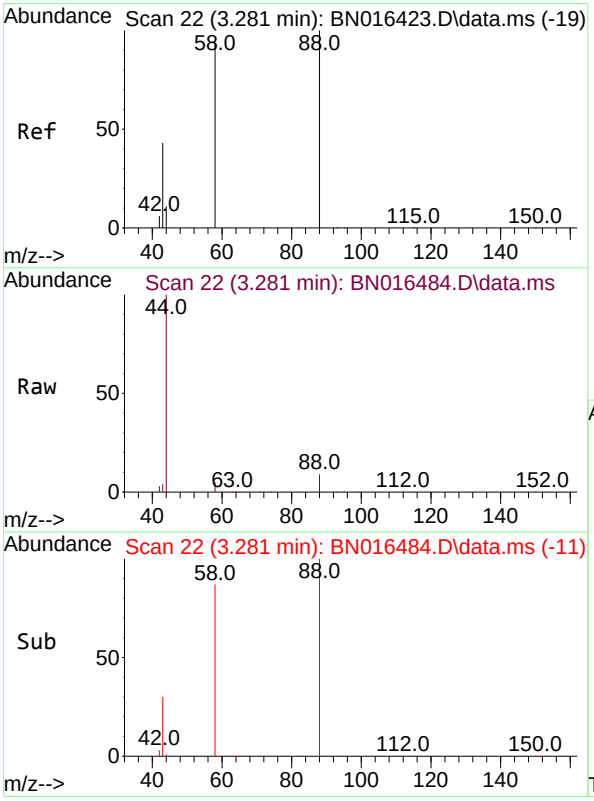
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:152 Resp: 21163

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.6	188.4
115	57.0	50.2	75.2



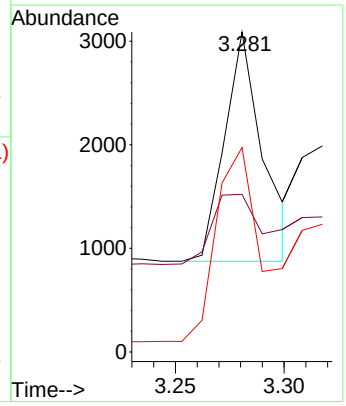
Instrument :
BNA_N
ClientSampleId :

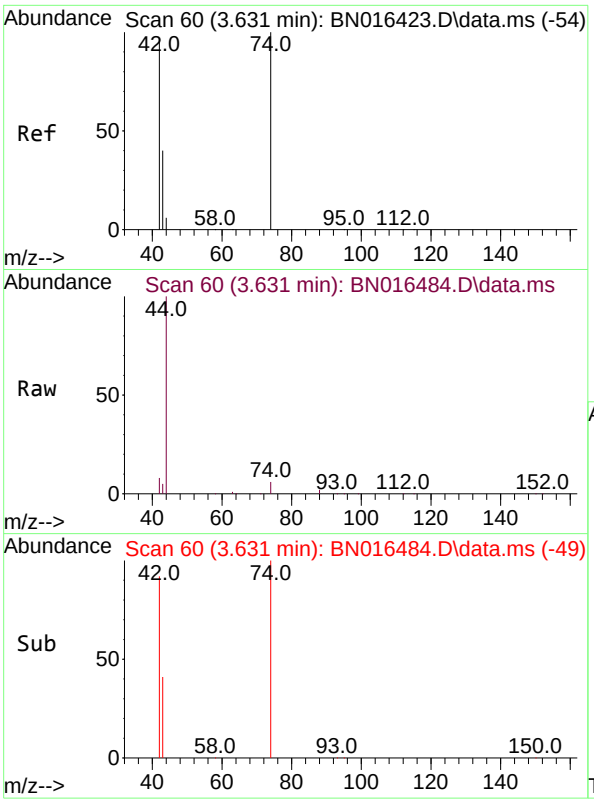


#2
1,4-Dioxane
Concen: 0.298 ng
RT: 3.281 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion: 88 Resp: 2699

Ion	Ratio	Lower	Upper
88	100		
43	42.7	20.3	30.5#
58	102.5	69.9	104.9

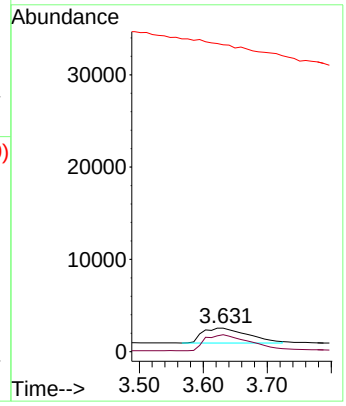


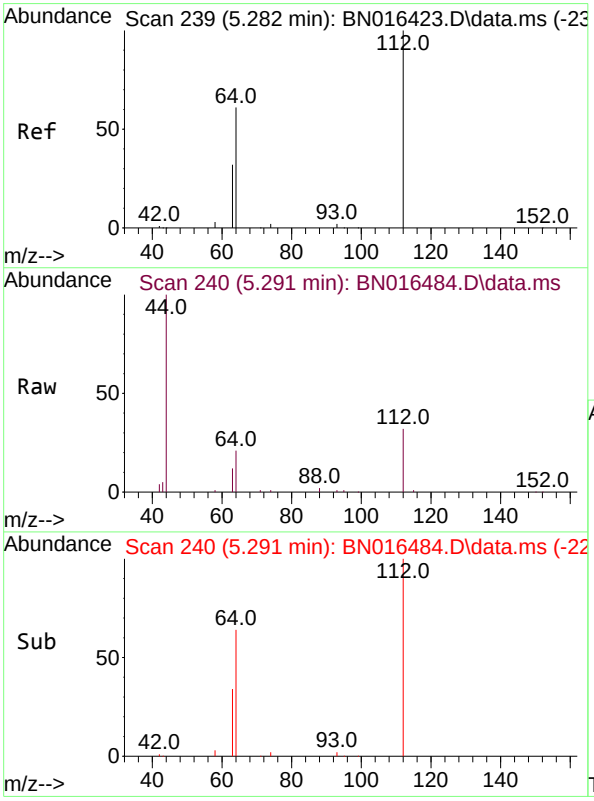


#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.631 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion: 42 Resp: 7954

Ion	Ratio	Lower	Upper
42	100		
74	105.8	113.6	170.4#
44	0.0	0.0	0.0

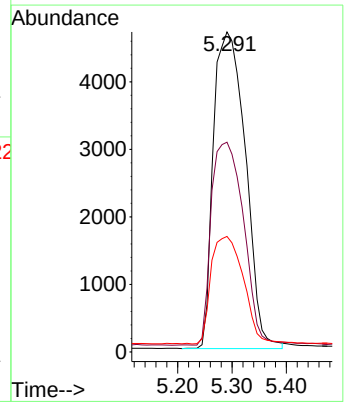




#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.009 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

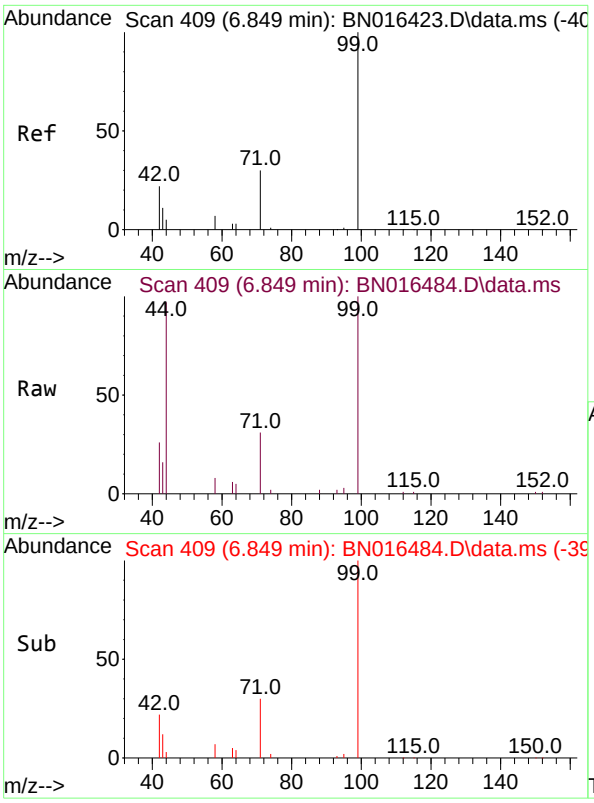
Tgt Ion:112 Resp: 19154

Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.3	70.9
63	34.4	23.4	35.0



Instrument :
BNA_N
ClientSampleId :

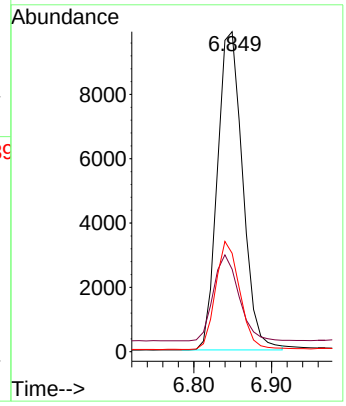
Instrument :
BNA_N
ClientSampleId :

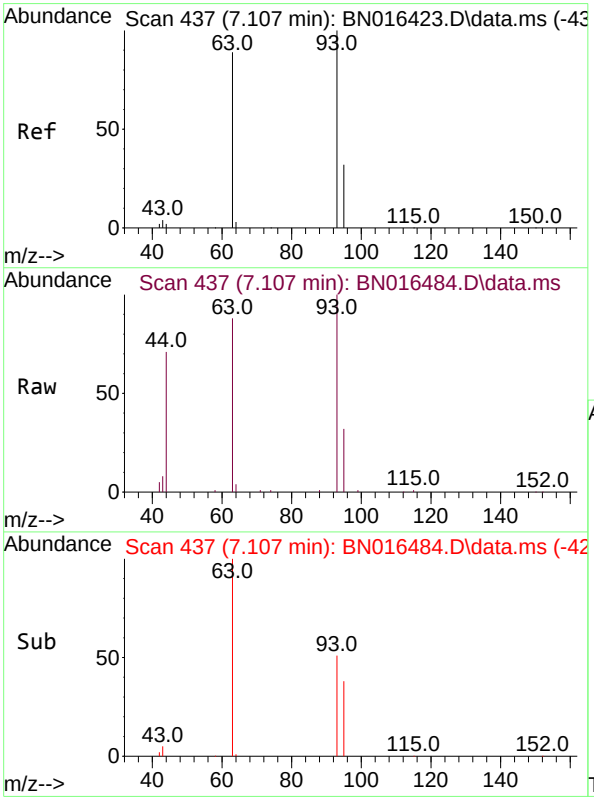


#5
Phenol-d6
Concen: 0.399 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion: 99 Resp: 22380

Ion	Ratio	Lower	Upper
99	100		
42	27.3	14.0	21.0#
71	32.5	23.8	35.6

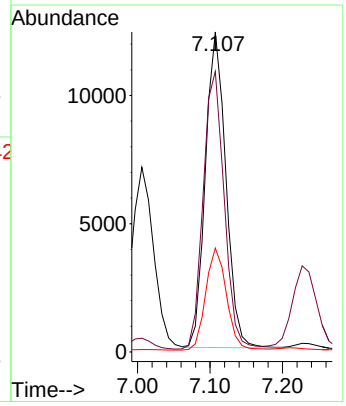




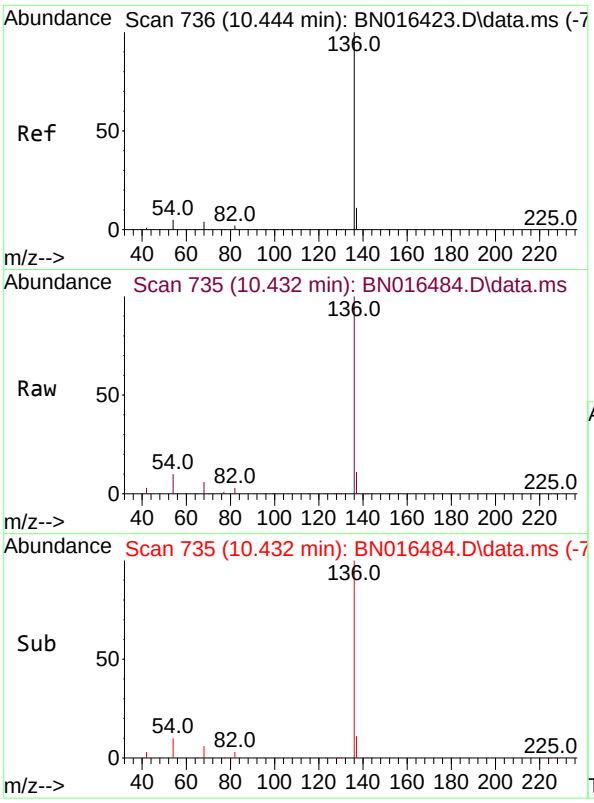
#6
bis(2-Chloroethyl)ether
Concen: 0.425 ng
RT: 7.107 min Scan# 437
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion: 93 Resp: 24115

Ion	Ratio	Lower	Upper
93	100		
63	90.7	63.4	95.0
95	32.8	26.8	40.2



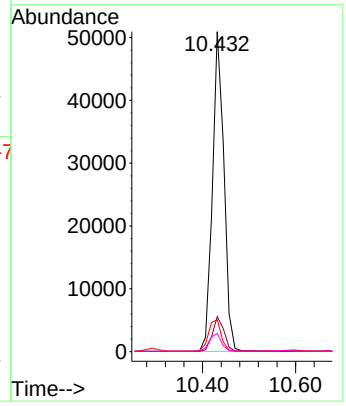
Instrument :
BNA_N
ClientSampleId :

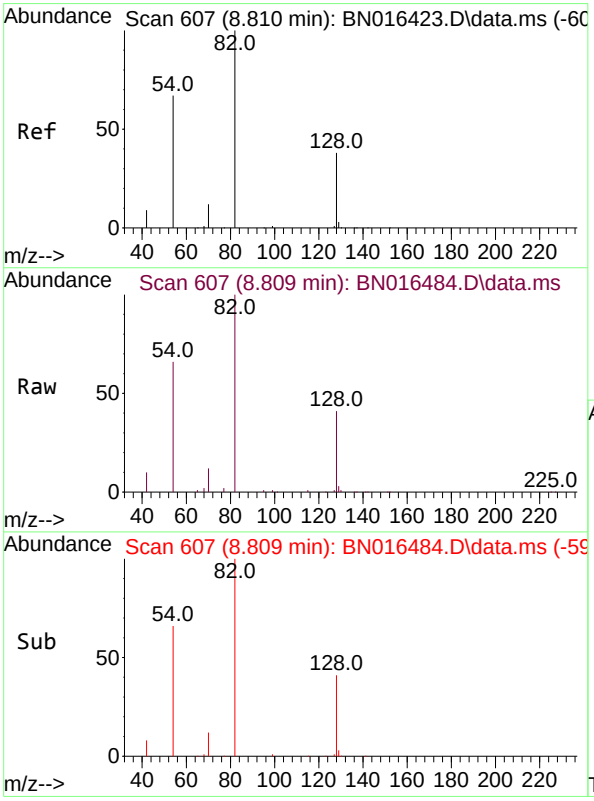


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:136 Resp: 87428

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	5.3	7.9#
68	5.7	3.9	5.9

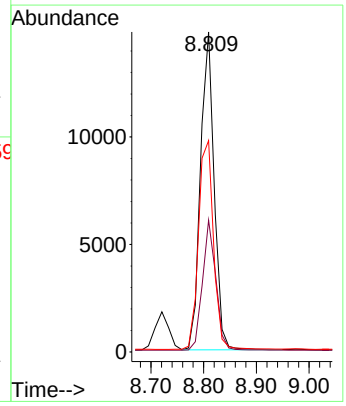


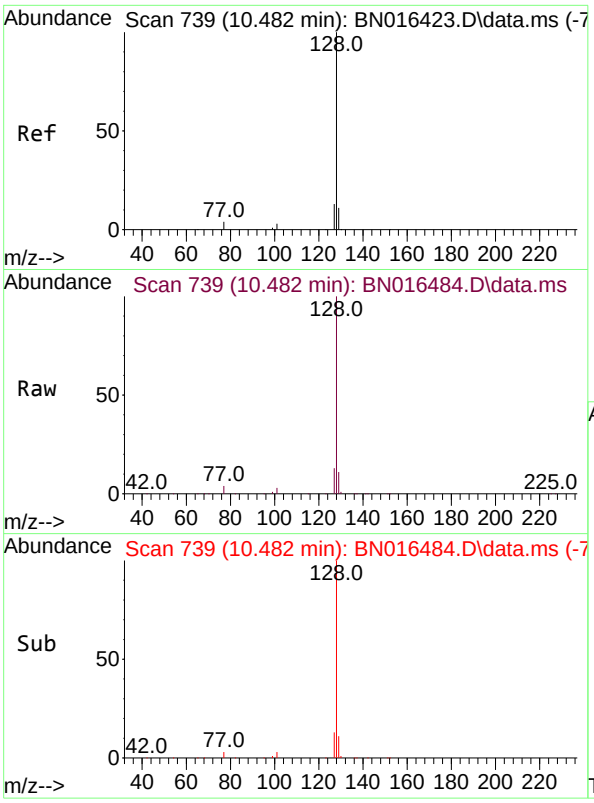


#8
Nitrobenzene-d5
Concen: 0.432 ng
RT: 8.809 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion: 82 Resp: 26717

Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.7	47.5
54	66.1	46.4	69.6

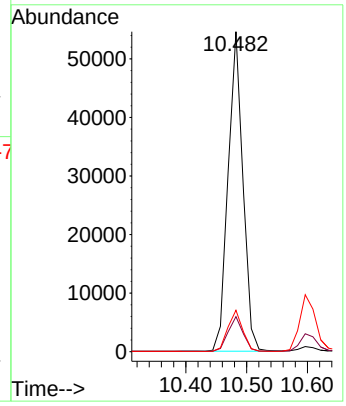




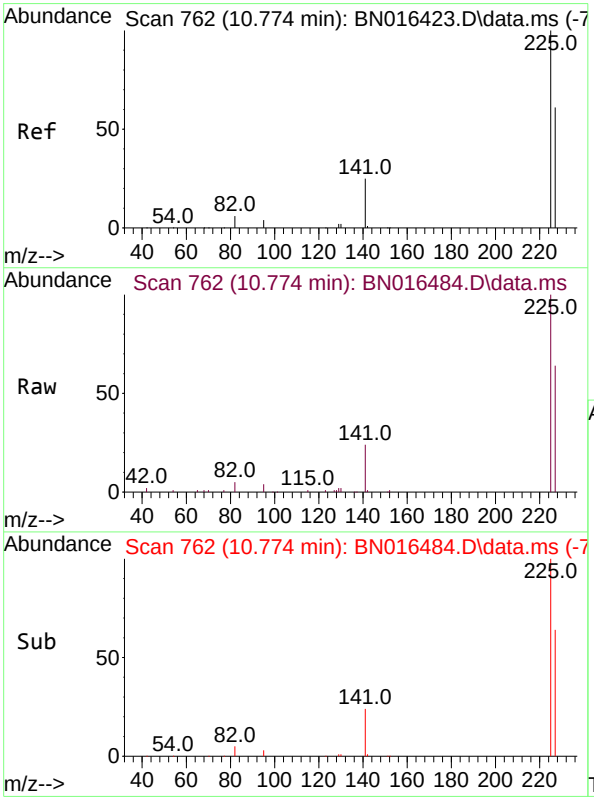
#9
Naphthalene
Concen: 0.395 ng
RT: 10.482 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:128 Resp: 92023

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.1	15.1



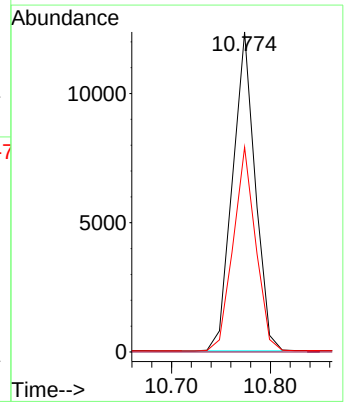
Instrument :
BNA_N
ClientSampleId :

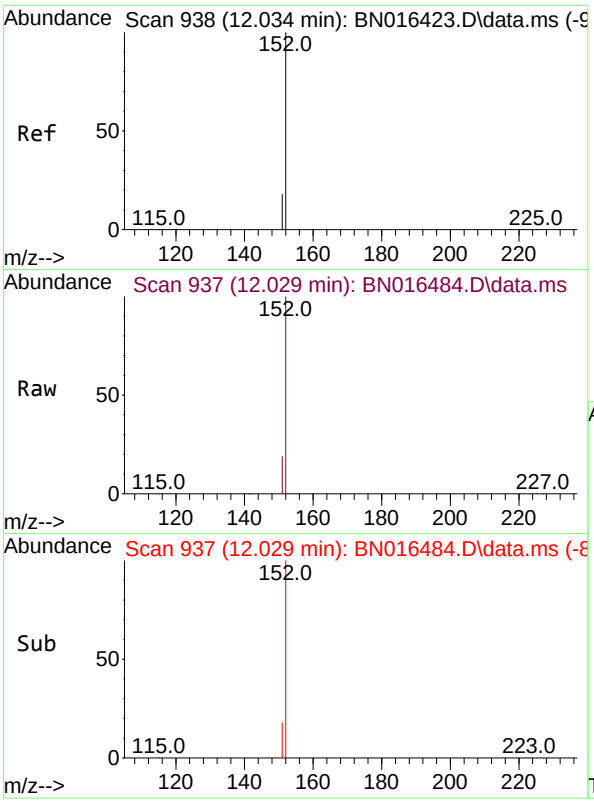


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.774 min Scan# 762
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:225 Resp: 19566

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.5	77.3

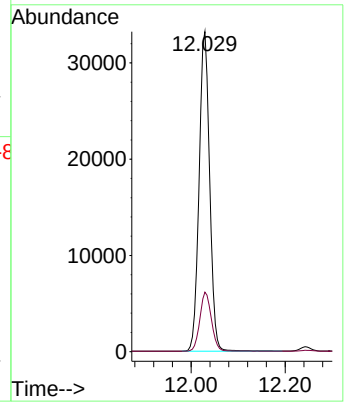




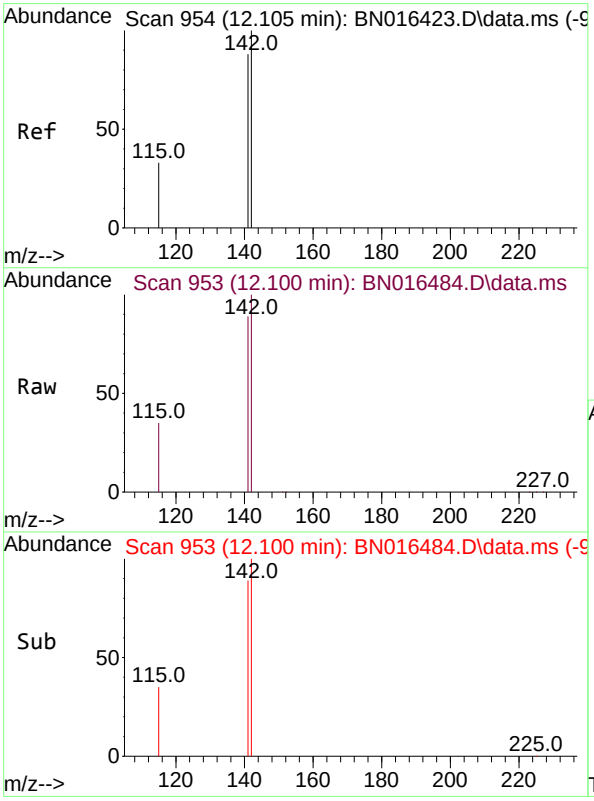
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.005 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:152 Resp: 51893

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1



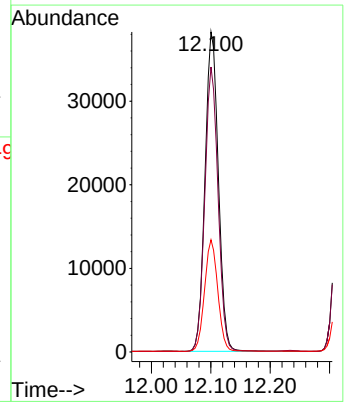
Instrument :
BNA_N
ClientSampleId :



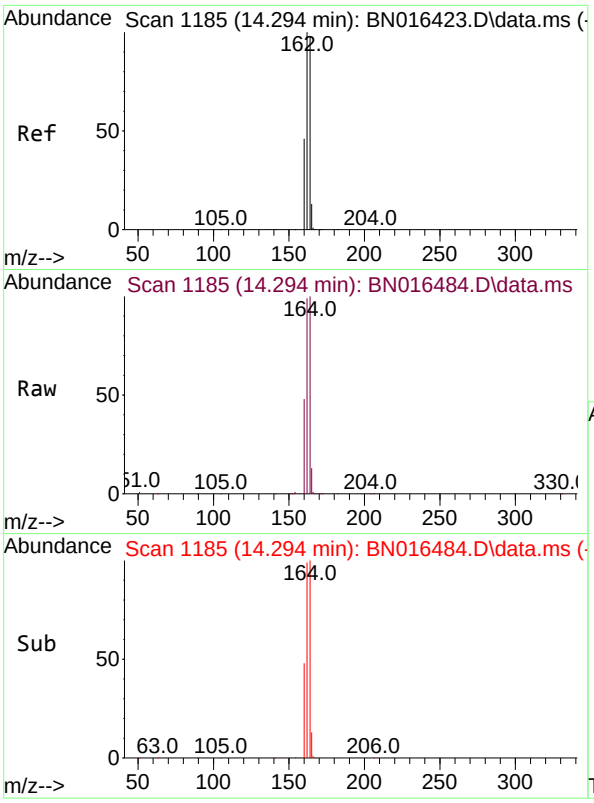
#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.100 min Scan# 953
Delta R.T. -0.005 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:142 Resp: 59672

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.8	104.8
115	35.0	24.4	36.6



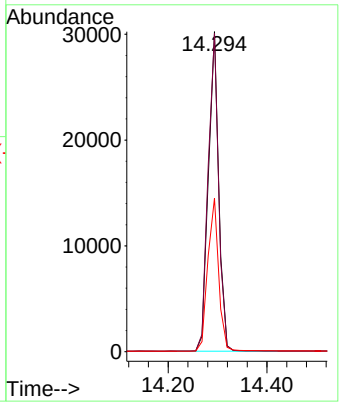
Instrument :
BNA_N
ClientSampleId :

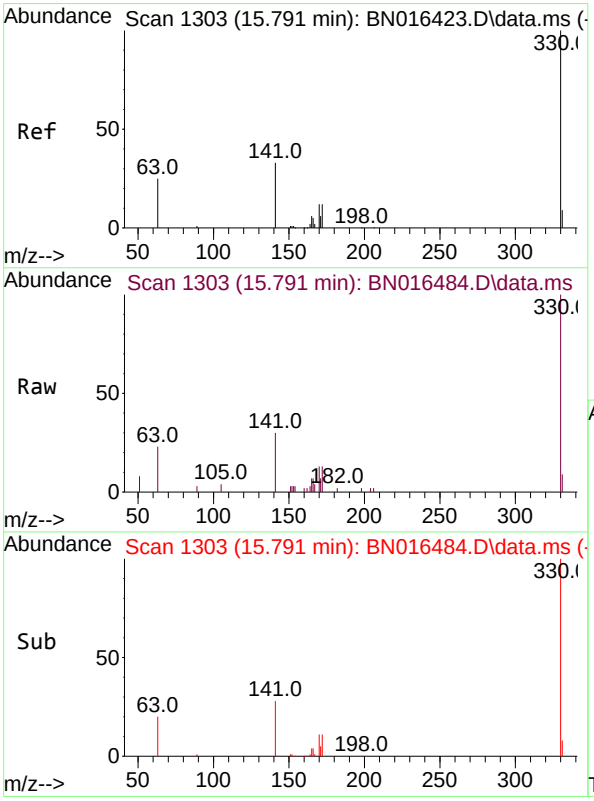


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:164 Resp: 43907

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.0	118.4
160	48.0	34.1	51.1

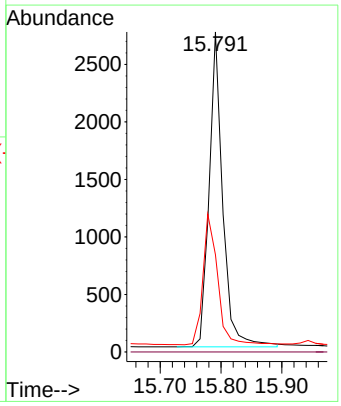


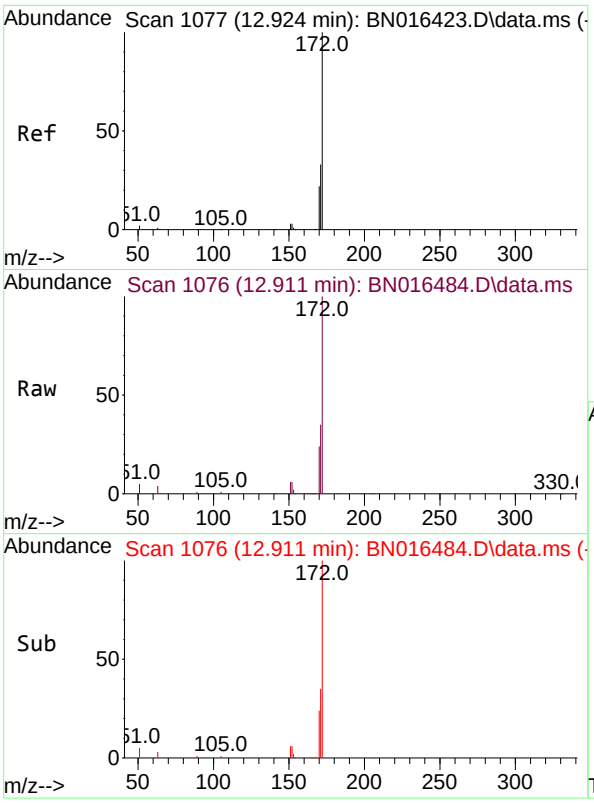


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:330 Resp: 4252

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.8	25.0	37.4#

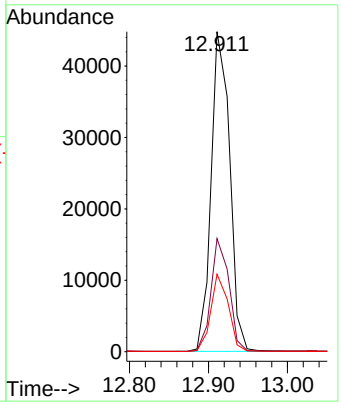




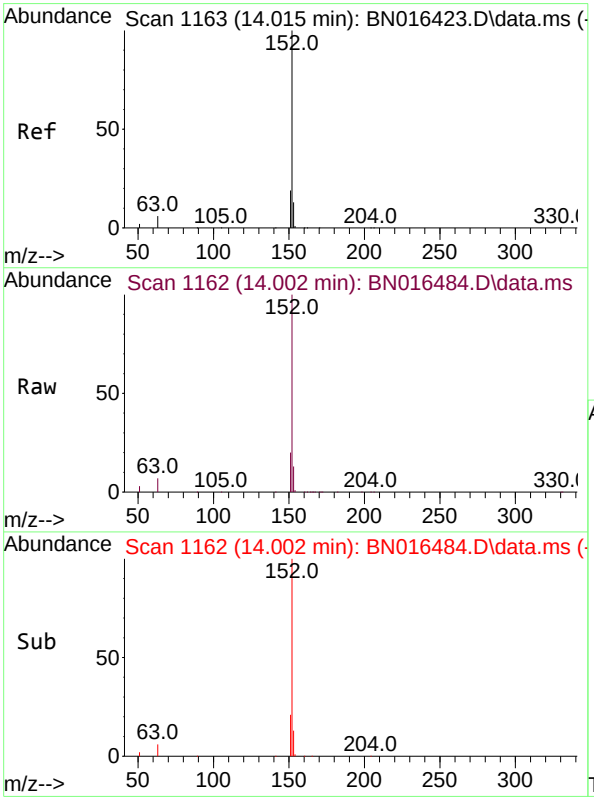
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:172 Resp: 73138

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.2	18.2	27.2



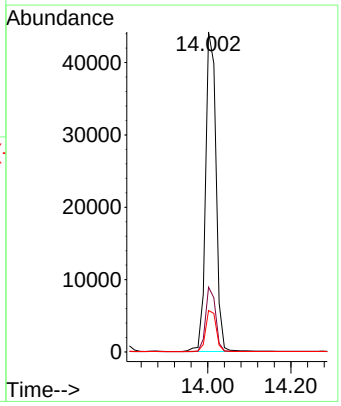
Instrument :
BNA_N
ClientSampleId :

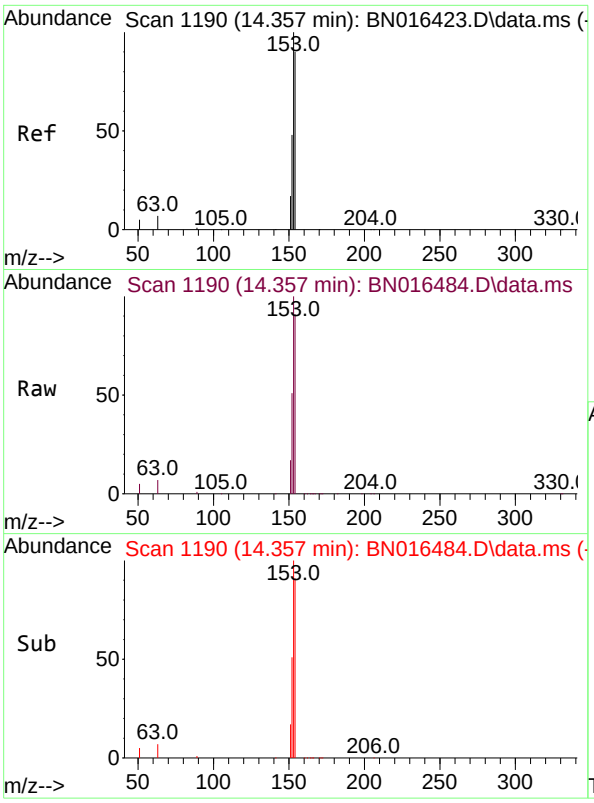


#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.002 min Scan# 1162
Delta R.T. -0.013 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:152 Resp: 77009

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8
153	13.0	10.5	15.7

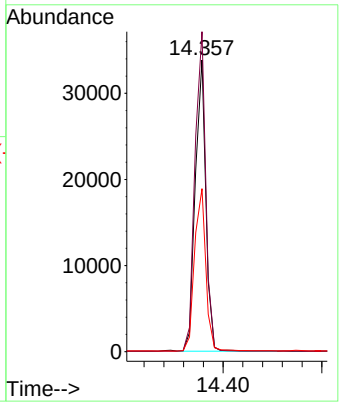


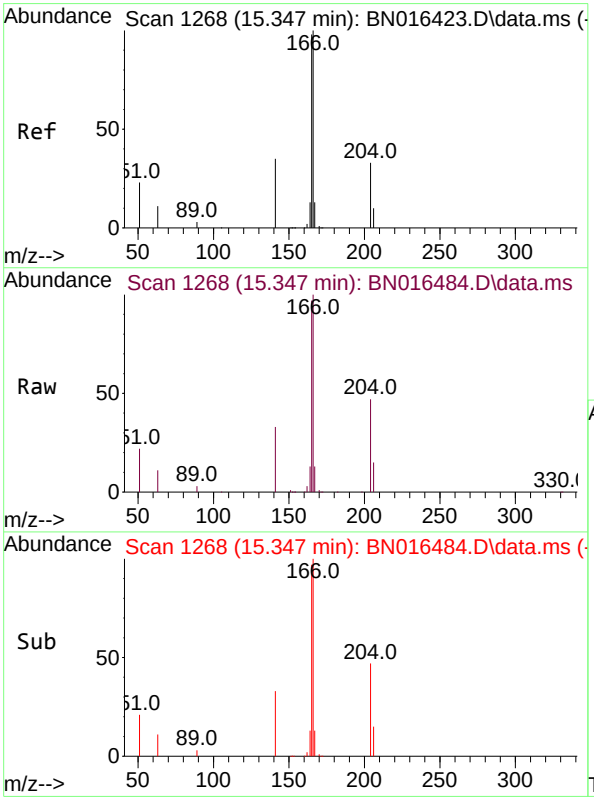


#17
Acenaphthene
Concen: 0.396 ng
RT: 14.357 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:154 Resp: 50247

Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.3	133.9
152	59.8	42.2	63.4

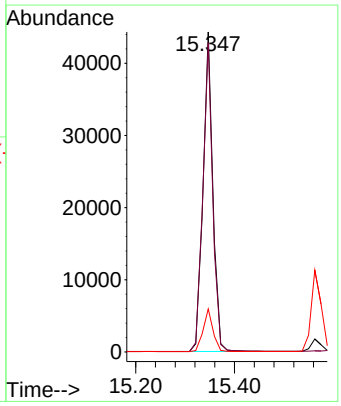




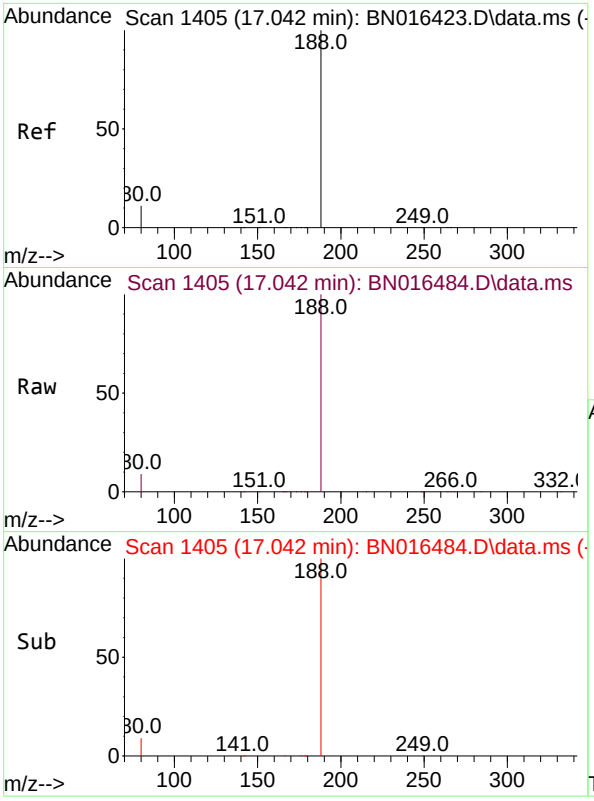
#18
Fluorene
Concen: 0.402 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:166 Resp: 61247

Ion	Ratio	Lower	Upper
166	100		
165	97.4	76.7	115.1
167	13.4	10.9	16.3



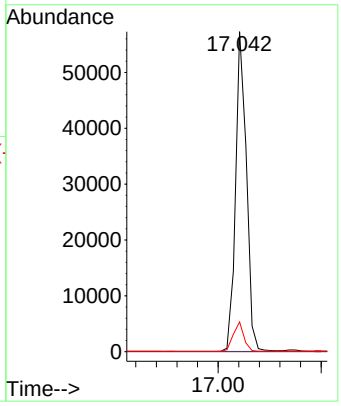
Instrument :
BNA_N
ClientSampleId :



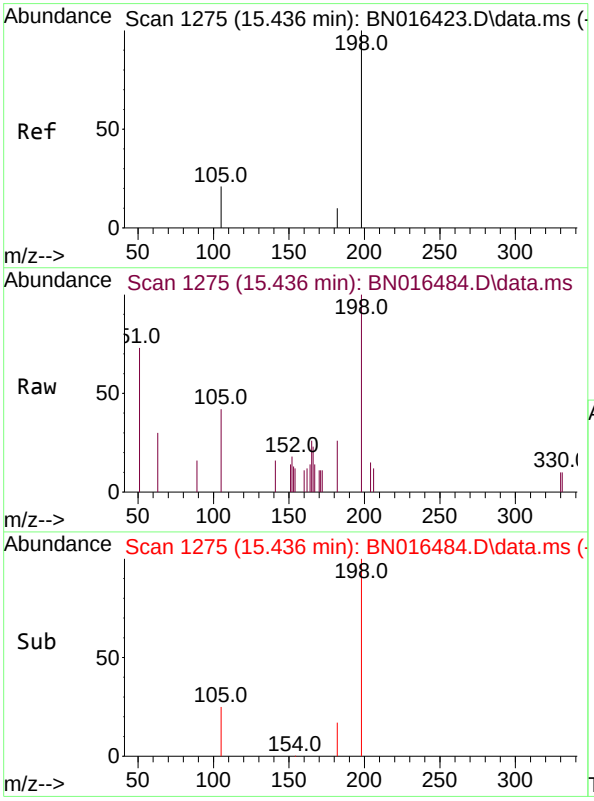
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:188 Resp: 83764

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.0	10.6



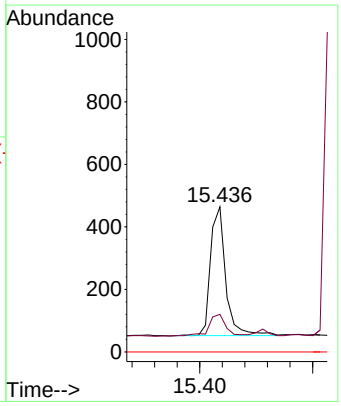
Instrument :
BNA_N
ClientSampleId :



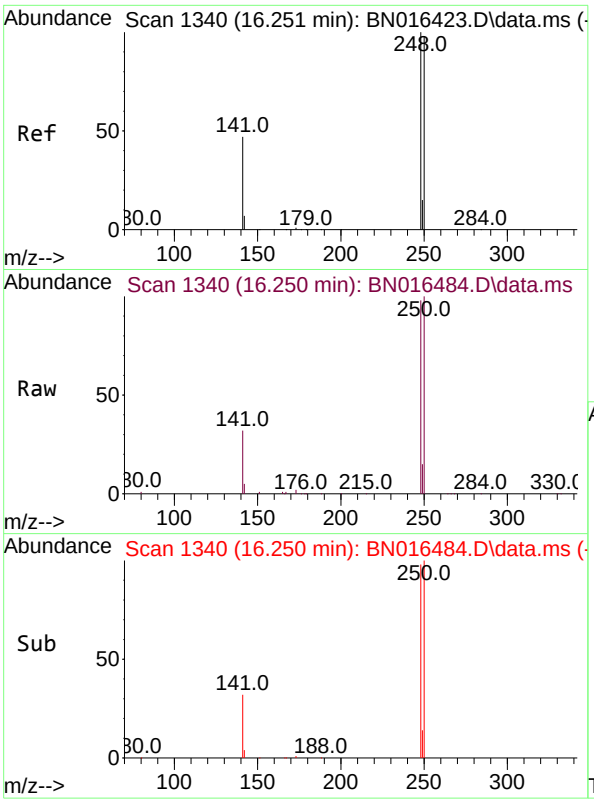
#20
4,6-Dinitro-2-methylphenol
Concen: 0.227 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:198 Resp: 770

Ion	Ratio	Lower	Upper
198	100		
182	25.9	26.6	39.8#
77	0.0	0.0	0.0



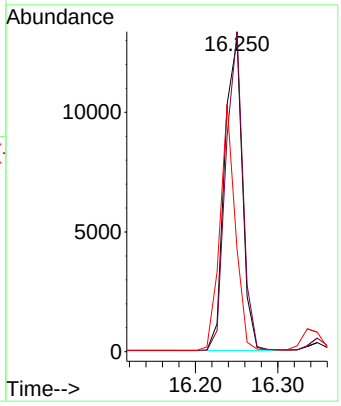
Instrument :
BNA_N
ClientSampleId :

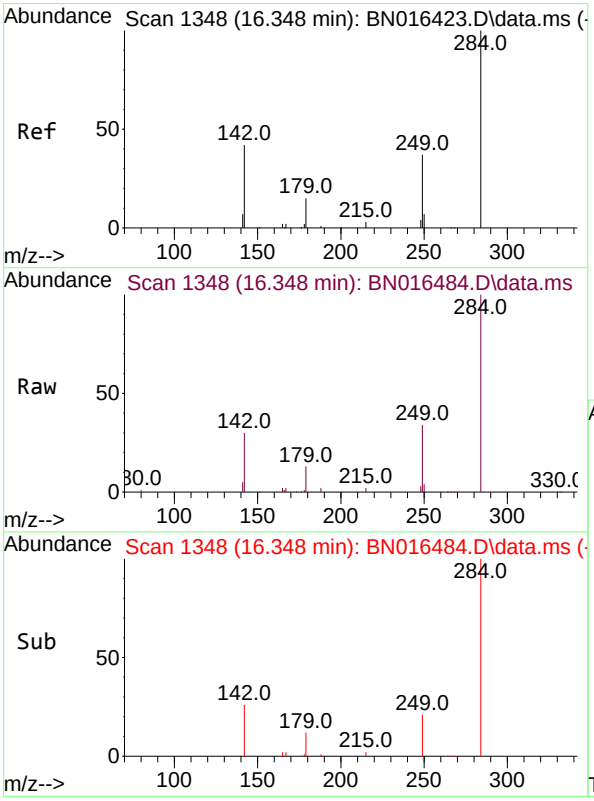


#21
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.250 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:248 Resp: 19634

Ion	Ratio	Lower	Upper
248	100		
250	102.5	80.5	120.7
141	32.9	34.8	52.2#

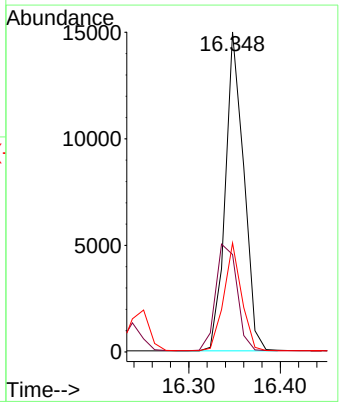




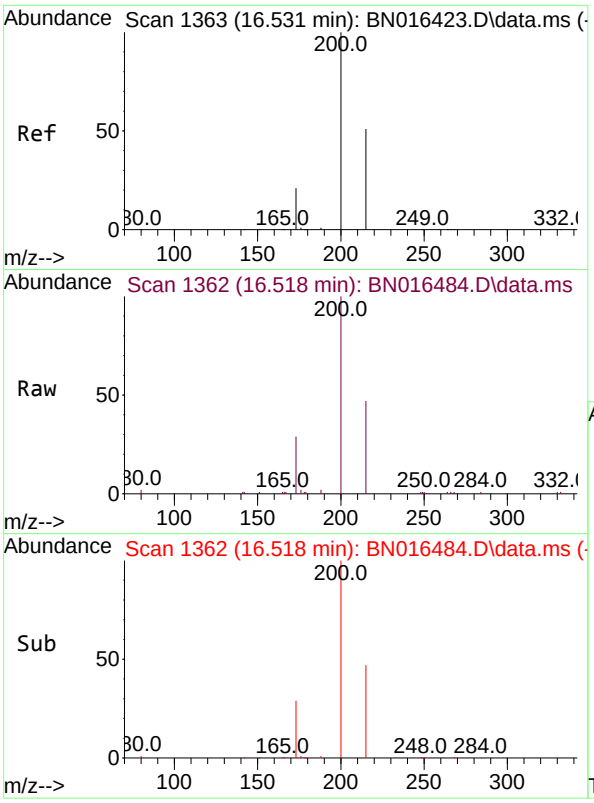
#22
Hexachlorobenzene
Concen: 0.432 ng
RT: 16.348 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:284 Resp: 20934

Ion	Ratio	Lower	Upper
284	100		
142	38.8	22.6	34.0#
249	32.4	24.4	36.6



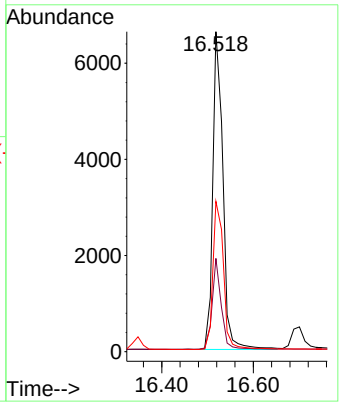
Instrument :
BNA_N
ClientSampleId :

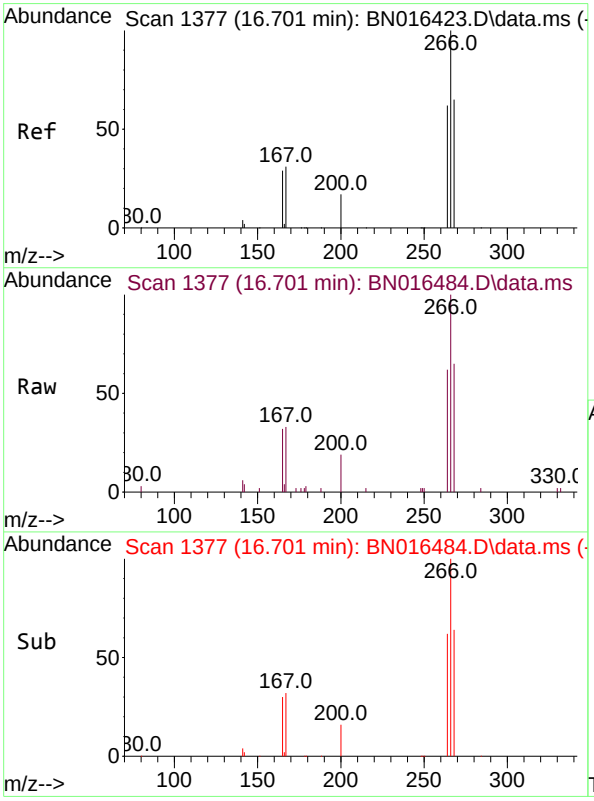


#23
Atrazine
Concen: 0.353 ng
RT: 16.518 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:200 Resp: 10087

Ion	Ratio	Lower	Upper
200	100		
173	29.1	18.7	28.1#
215	47.0	41.6	62.4

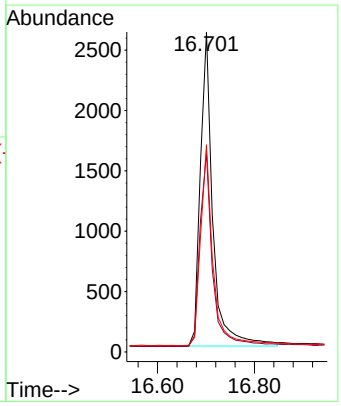


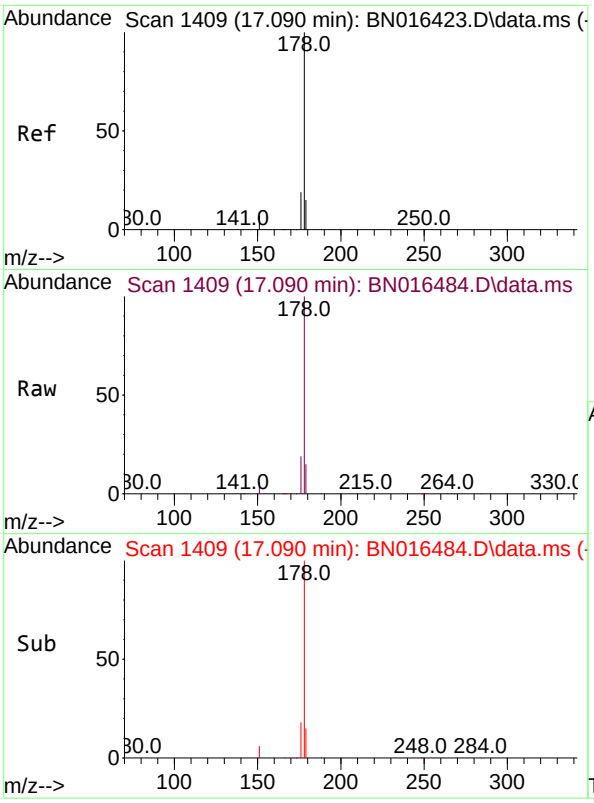


#24
Pentachlorophenol
Concen: 0.431 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:266 Resp: 4657

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	63.8	52.6	79.0

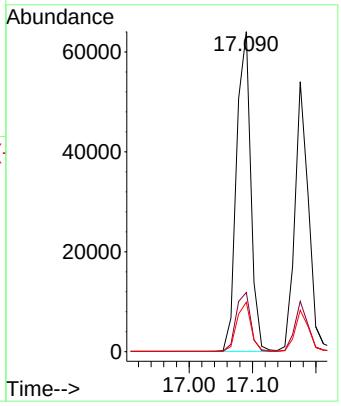




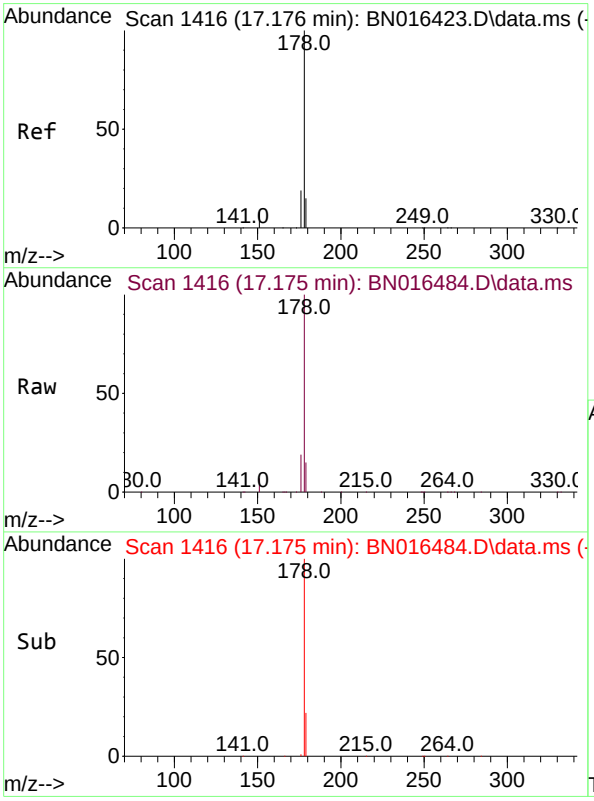
#25
Phenanthrene
Concen: 0.401 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:178 Resp: 99901

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.4	21.6
179	15.5	12.2	18.4



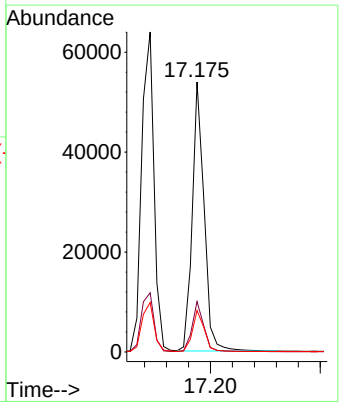
Instrument :
BNA_N
ClientSampleId :

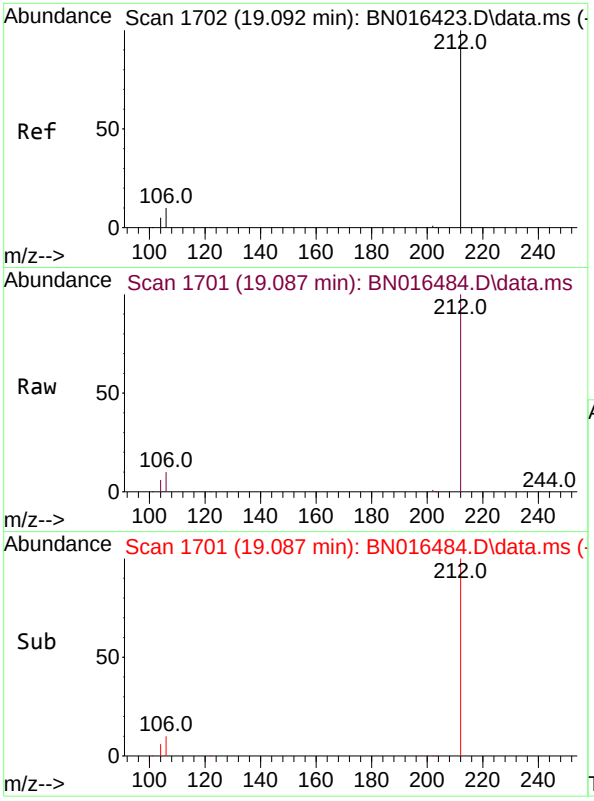


#26
Anthracene
Concen: 0.390 ng
RT: 17.175 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:178 Resp: 81036

Ion	Ratio	Lower	Upper
178	100		
176	18.2	13.9	20.9
179	15.4	12.2	18.4

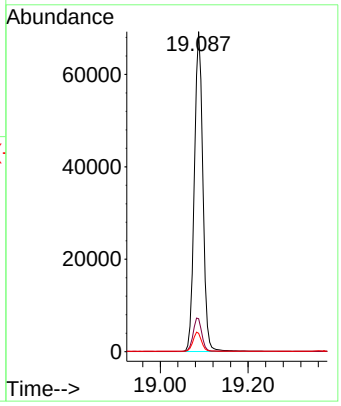




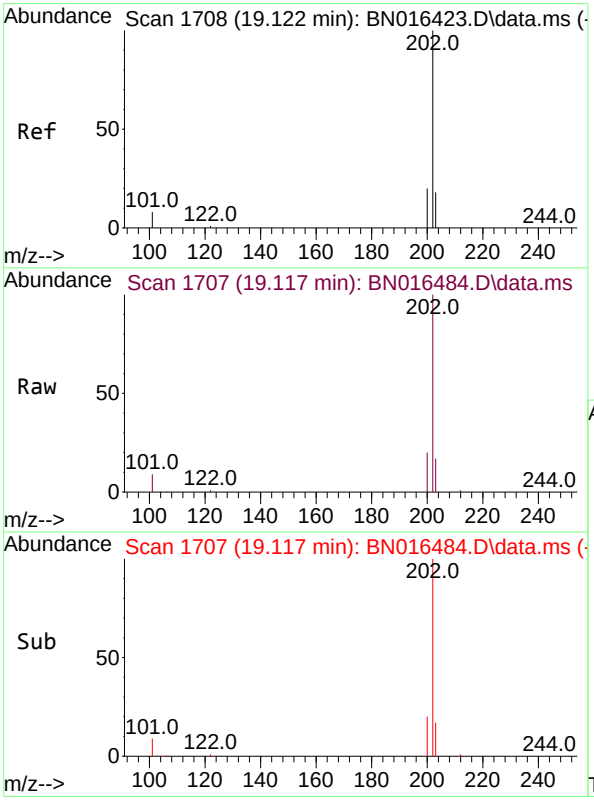
#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:212 Resp: 92939

Ion	Ratio	Lower	Upper
212	100		
106	10.6	9.8	14.6
104	6.0	5.4	8.2



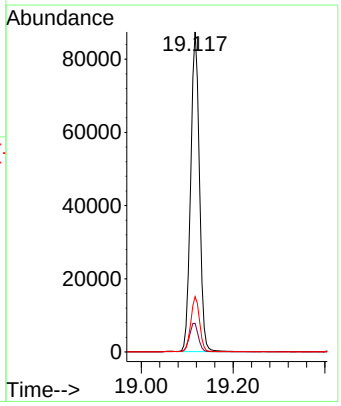
Instrument :
BNA_N
ClientSampleId :



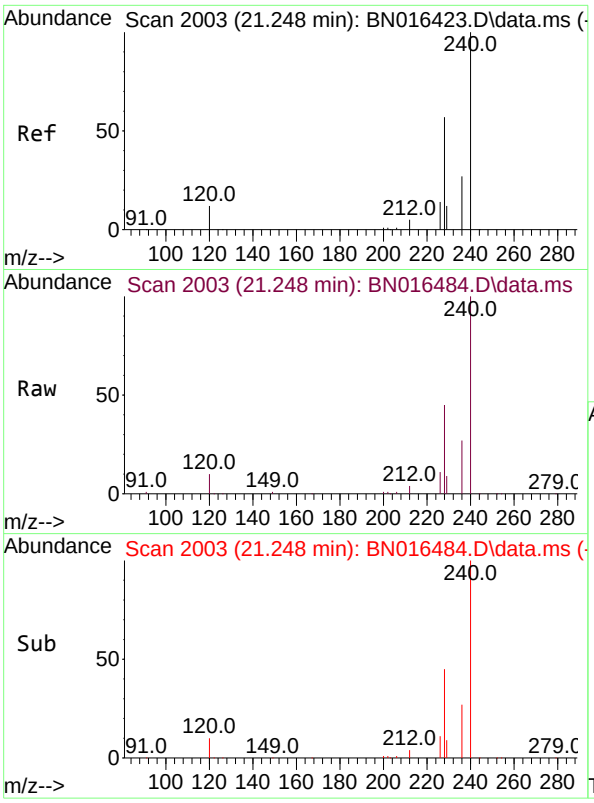
#28
Fluoranthene
Concen: 0.423 ng
RT: 19.117 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:202 Resp: 115578

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.5	12.7
203	17.4	13.8	20.8



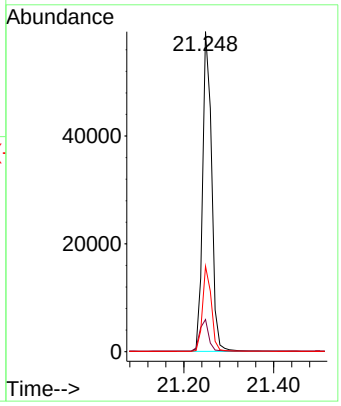
Instrument :
BNA_N
ClientSampleId :

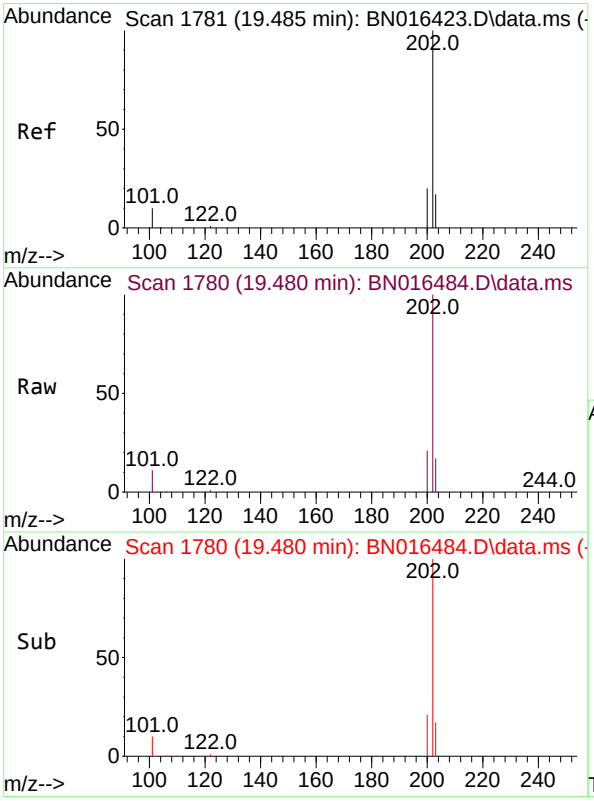


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:240 Resp: 82319

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.3	7.9#
236	26.7	19.8	29.8

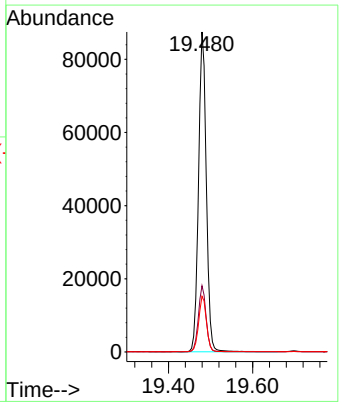


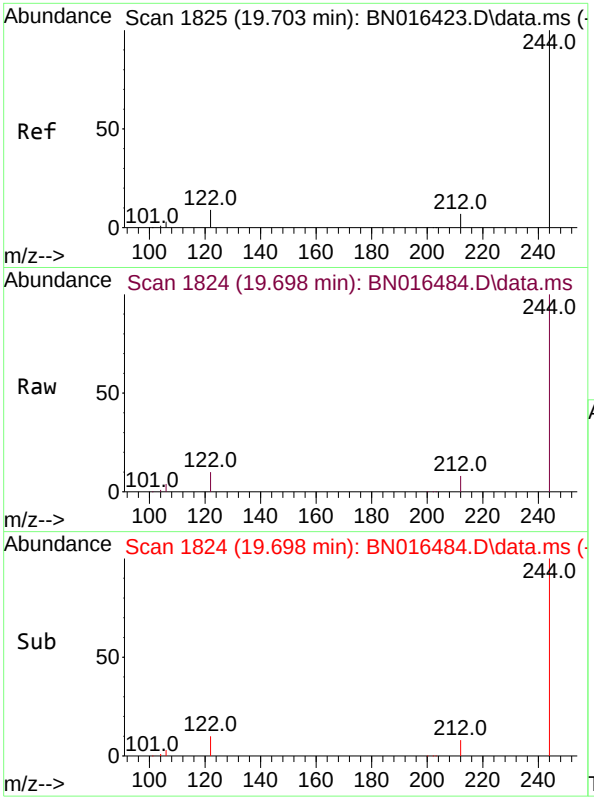


#30
Pyrene
Concen: 0.436 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:202 Resp: 112330

Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.8	23.6
203	17.5	13.9	20.9

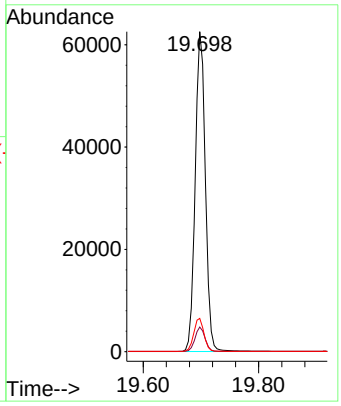


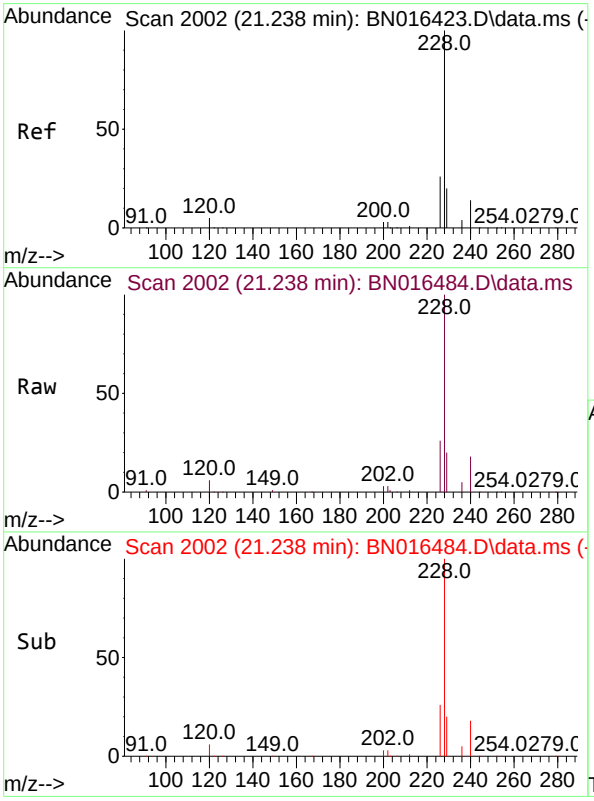


#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:244 Resp: 76602

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.5	8.3
122	10.4	9.0	13.4

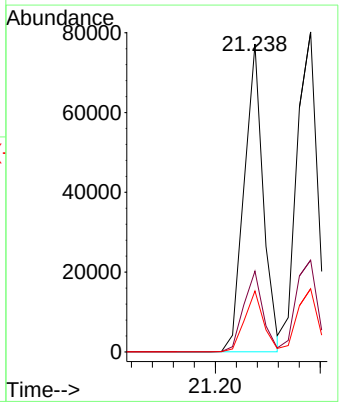




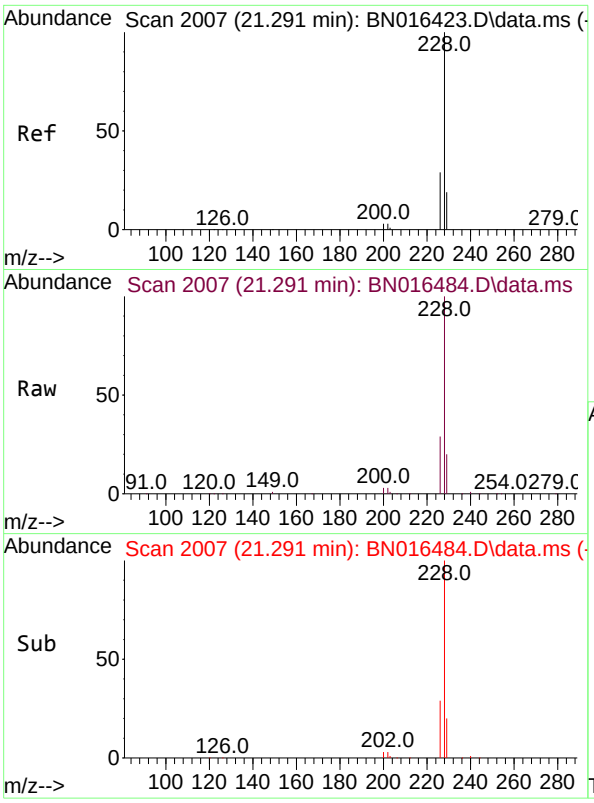
#32
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:228 Resp: 97362

Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.8	31.2
229	19.8	15.8	23.6



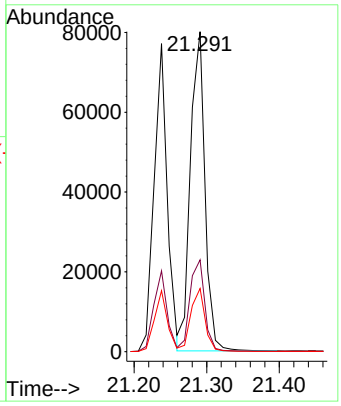
Instrument :
BNA_N
ClientSampleId :



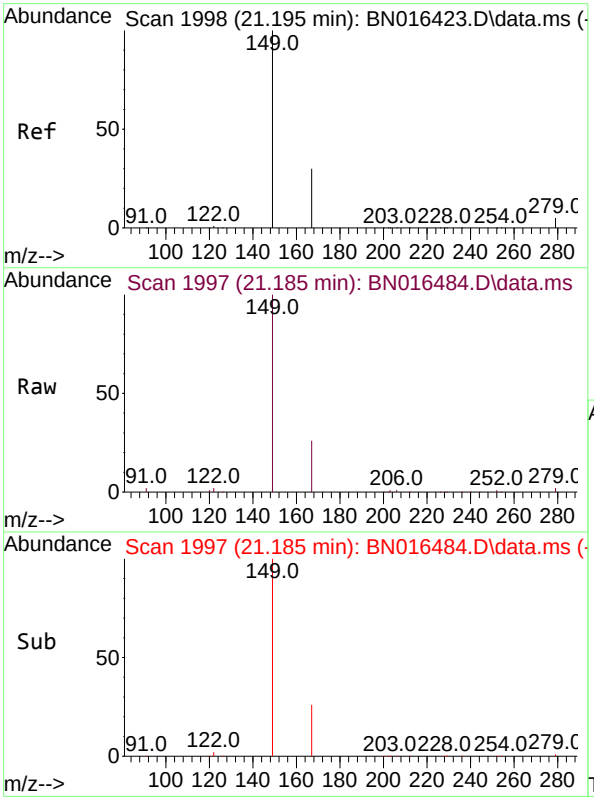
#33
Chrysene
Concen: 0.432 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:228 Resp: 110796

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.8	15.6	23.4



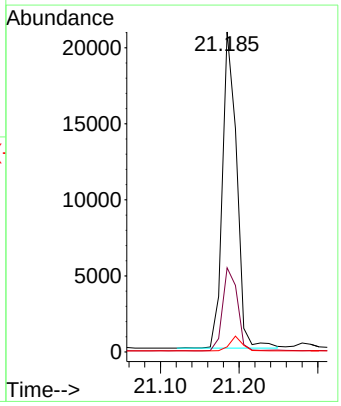
Instrument :
BNA_N
ClientSampleId :

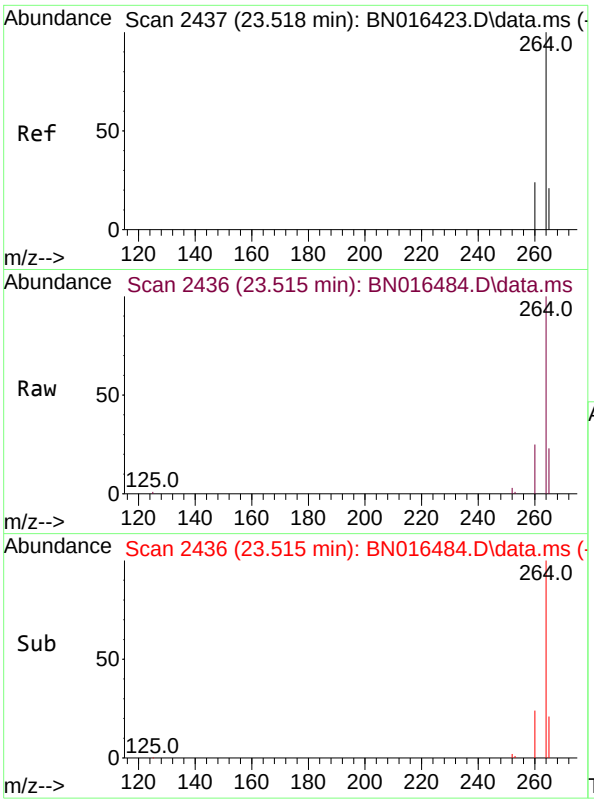


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.402 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:149 Resp: 26157

Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.4	35.0
279	4.1	3.9	5.9

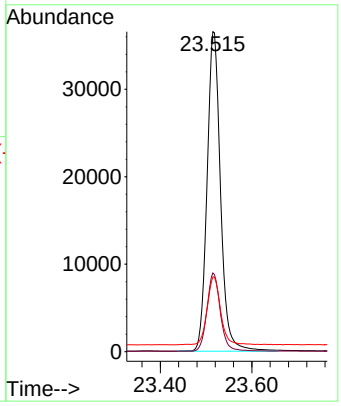




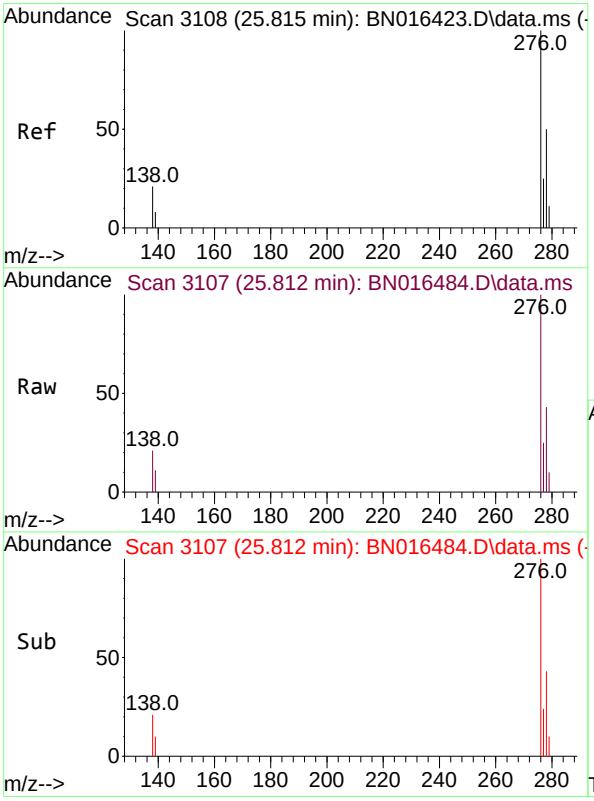
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:264 Resp: 74413

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	23.4	23.7	35.5#



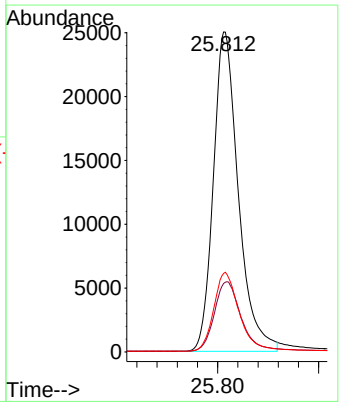
Instrument :
BNA_N
ClientSampleId :

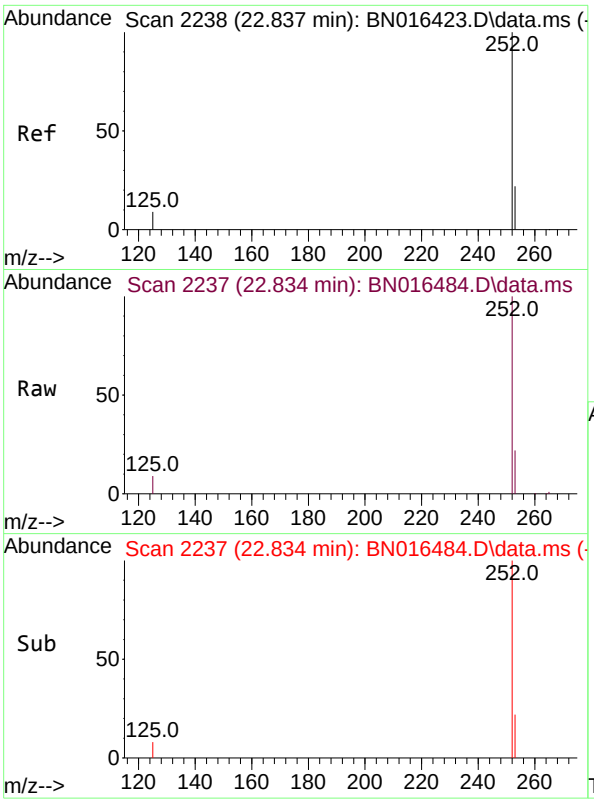


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.812 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:276 Resp: 85966

Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.3	28.9
277	25.0	20.2	30.2

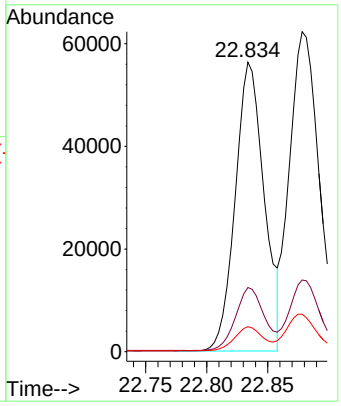




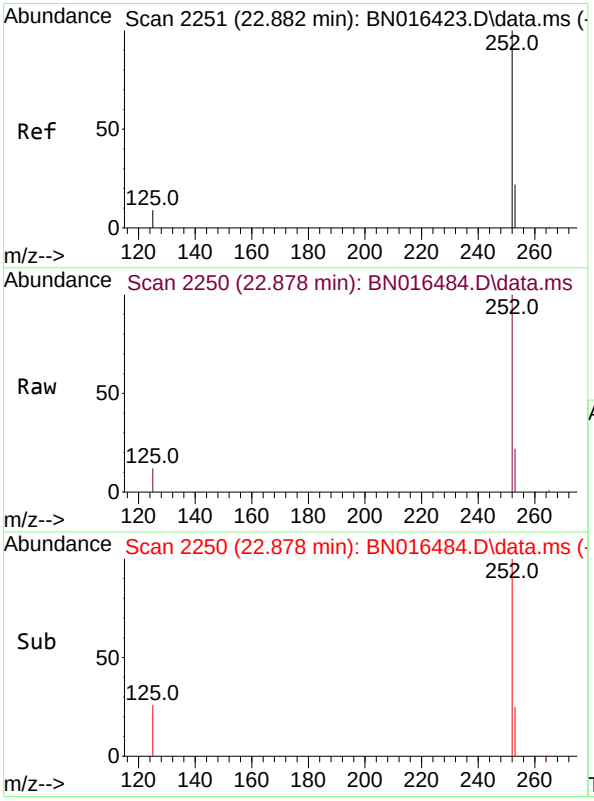
#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.834 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:252 Resp: 92692

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.6	8.4	12.6



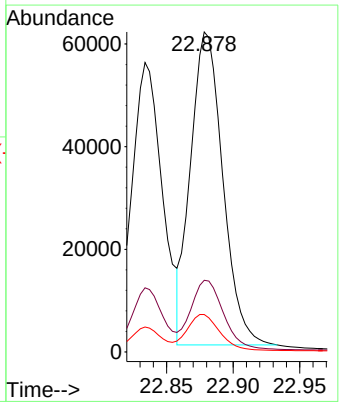
Instrument :
BNA_N
ClientSampleId :

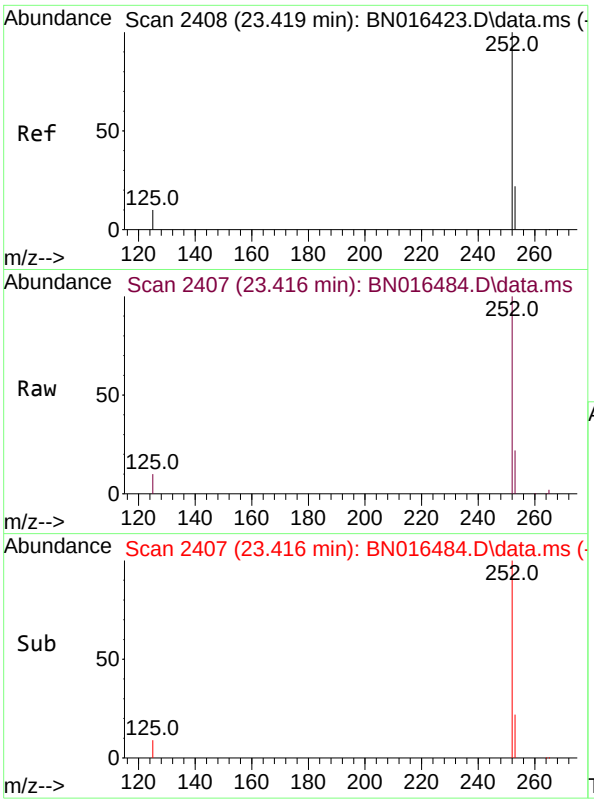


#38
Benzo(k)fluoranthene
Concen: 0.428 ng
RT: 22.878 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:252 Resp: 102761

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.7	8.2	12.4

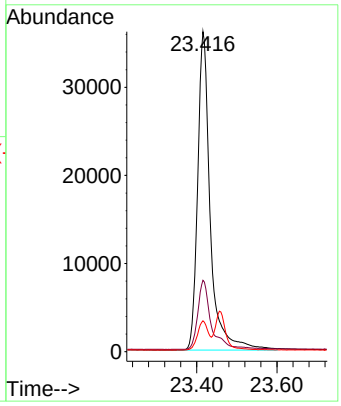




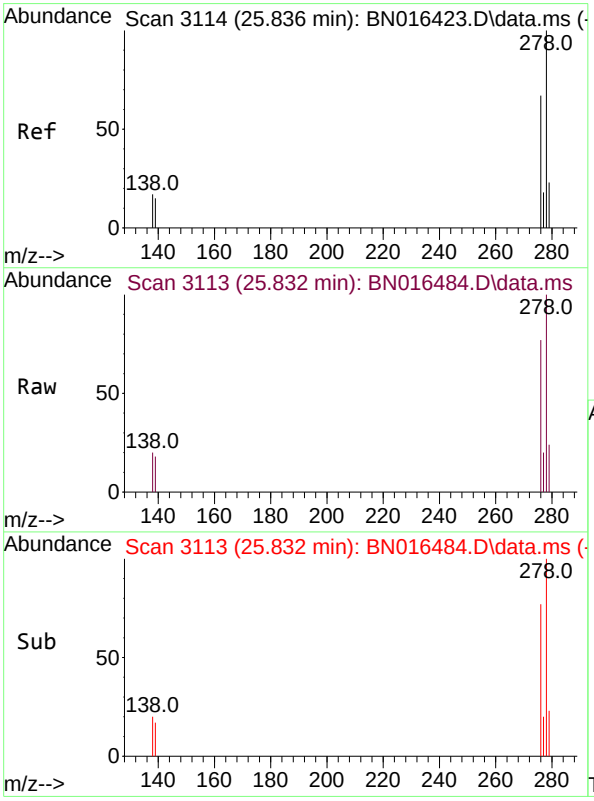
#39
Benzo(a)pyrene
Concen: 0.388 ng
RT: 23.416 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:252 Resp: 78738

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	9.7	9.9	14.9#



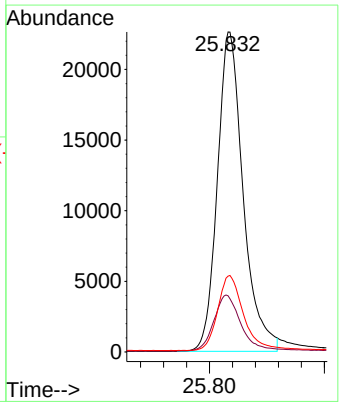
Instrument :
BNA_N
ClientSampleId :

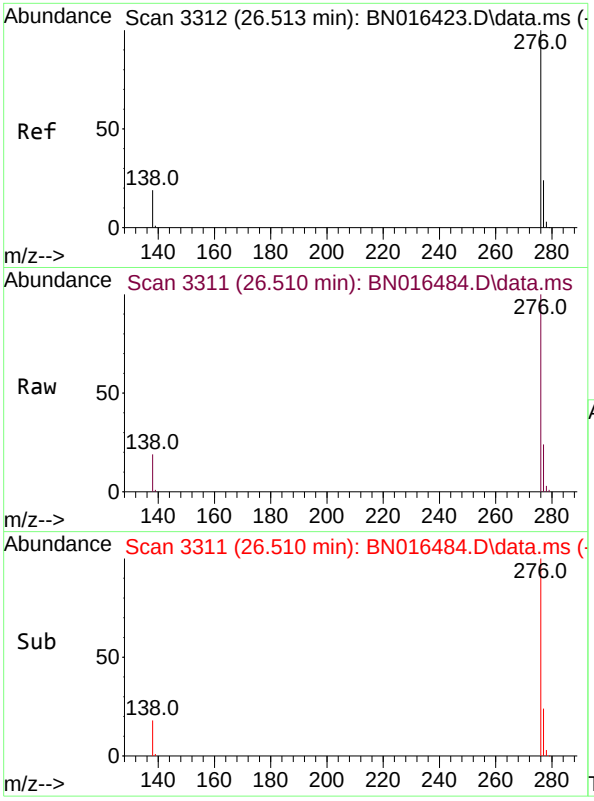


#40
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 25.832 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:278 Resp: 70513

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.2
279	23.7	21.3	31.9

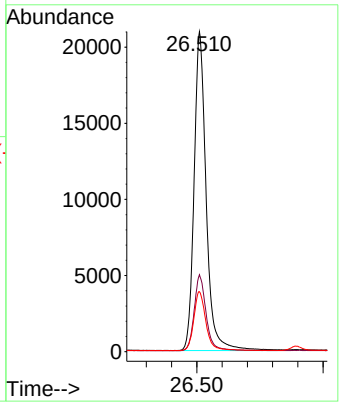




#41
Benzo(g,h,i)perylene
Concen: 0.329 ng
RT: 26.510 min Scan# 3311
Delta R.T. -0.004 min
Lab File: BN016484.D
Acq: 25 Sep 2021 20:34

Tgt Ion:276 Resp: 69405

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.5	30.7
138	18.7	18.2	27.4



Instrument :
BNA_N
ClientSampleId :