Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016618.D
Acq On : 01 Oct 2021 03:36
Operator : CG/JU
Sample : PB139494BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139494BS

Quant Time: Oct 01 06:23:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	30804	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	134600	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	69505	0.400	ng		0.00
19) Phenanthrene-d10	17.018	188	127845	0.400	ng		#-0.01
29) Chrysene-d12	21.228	240	123137	0.400	ng		#-0.01
35) Perylene-d12	23.478	264	126699	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	27730	0.353	ng		0.00
5) Phenol-d6	6.822	99	29746	0.346	ng		0.00
8) Nitrobenzene-d5	8.785	82	27359	0.312	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	74118	0.372	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	10006	0.316	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	105783	0.376	ng		0.00
27) Fluoranthene-d10	19.063	212	125567	0.369	ng		0.00
31) Terphenyl-d14	19.679	244	105495	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	5313	0.375	ng	#	79
3) n-Nitrosodimethylamine	3.585	42	8199	0.361	ng		98
6) bis(2-Chloroethyl)ether	7.080	93	31683	0.379	ng		100
9) Naphthalene	10.457	128	135932	0.372	ng		100
10) Hexachlorobutadiene	10.749	225	25939	0.378	ng	#	100
12) 2-Methylnaphthalene	12.078	142	88182	0.377	ng		100
16) Acenaphthylene	13.990	152	104039	0.342	ng		100
17) Acenaphthene	14.332	154	75024	0.367	ng		99
18) Fluorene	15.322	166	90302	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.411	198	2599	0.293	ng		100
21) 4-Bromophenyl-phenylether	16.227	248	28719	0.362	ng		95
22) Hexachlorobenzene	16.324	284	35026	0.381	ng		99
23) Atrazine	16.507	200	17279	0.299	ng		99
24) Pentachlorophenol	16.677	266	9291	0.305	ng		100
25) Phenanthrene	17.066	178	145500	0.378	ng		100
26) Anthracene	17.152	178	115702	0.348	ng		100
28) Fluoranthene	19.098	202	158340	0.381	ng		100
30) Pyrene	19.460	202	155704	0.391	ng		100
32) Benzo(a)anthracene	21.217	228	135351	0.358	ng		98
33) Chrysene	21.270	228	158655	0.415	ng		98
34) Bis(2-ethylhexyl)phtha...	21.164	149	43052	0.286	ng		99
36) Indeno(1,2,3-cd)pyrene	25.754	276	180525	0.399	ng		99
37) Benzo(b)fluoranthene	22.803	252	151601	0.372	ng		100
38) Benzo(k)fluoranthene	22.845	252	160676	0.399	ng	#	98
39) Benzo(a)pyrene	23.378	252	137167	0.378	ng		100
40) Dibenzo(a,h)anthracene	25.775	278	144636	0.397	ng		99
41) Benzo(g,h,i)perylene	26.449	276	157889	0.395	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
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Instrument :
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Quant Time: Oct 01 06:23:45 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 17:56:53 2021
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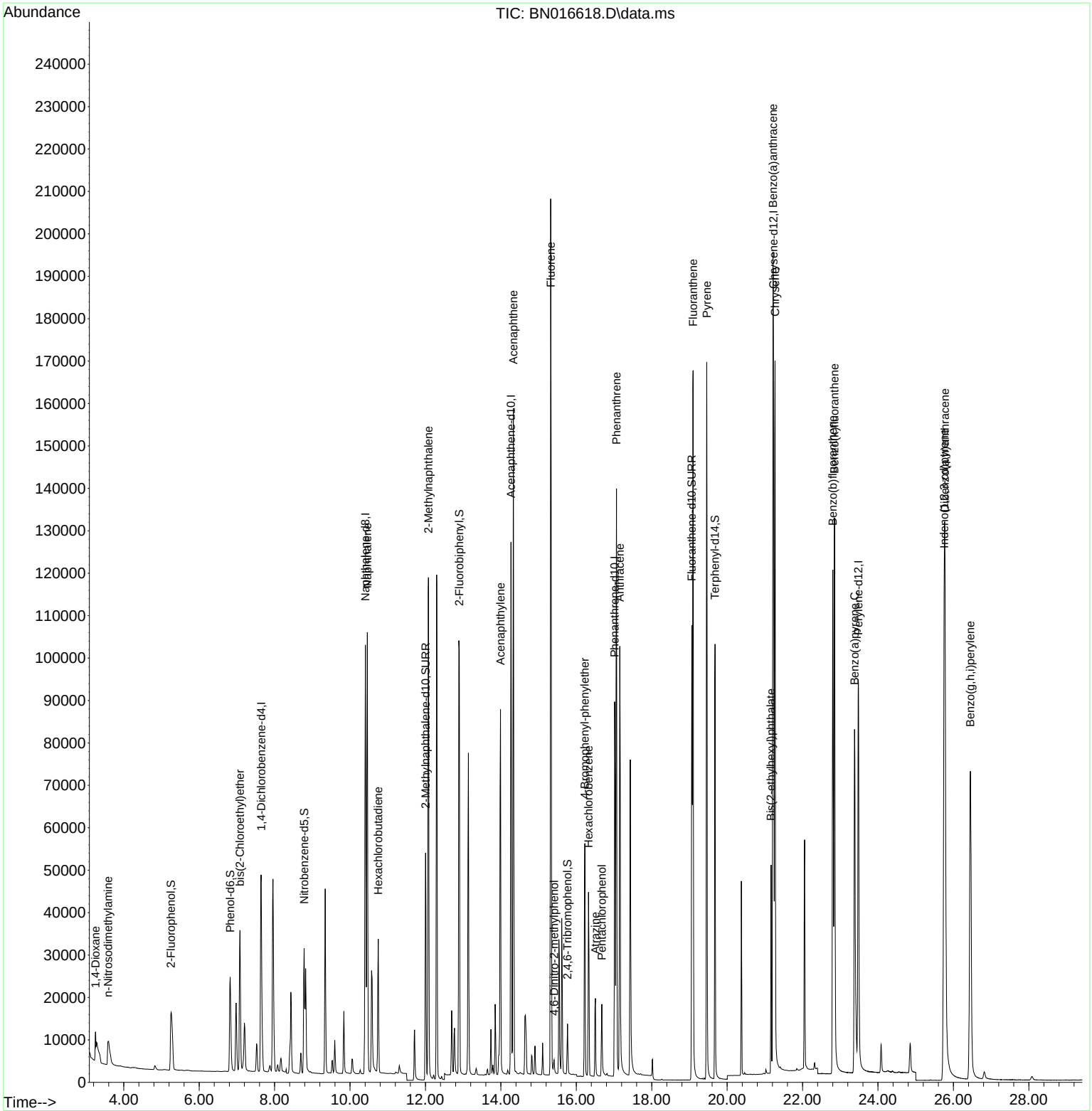

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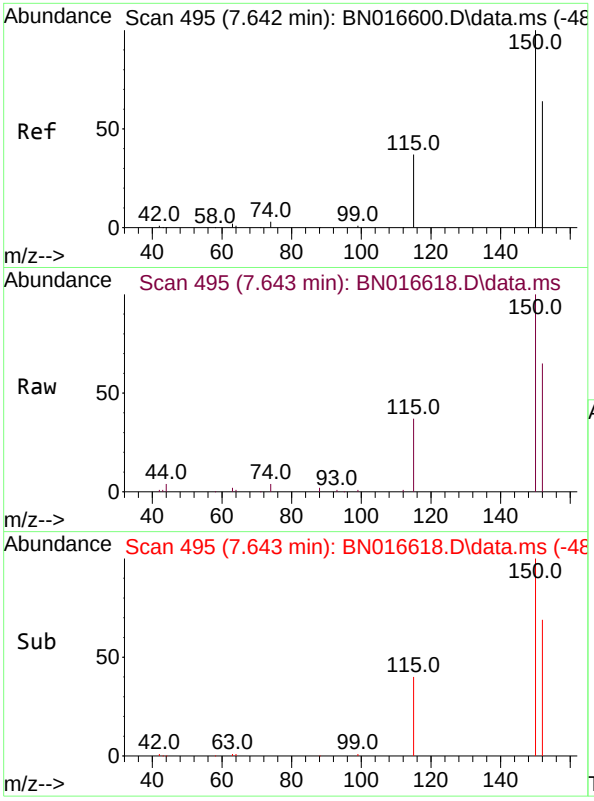
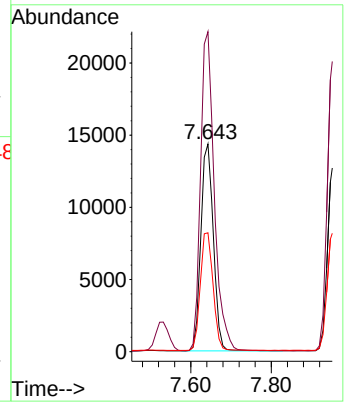
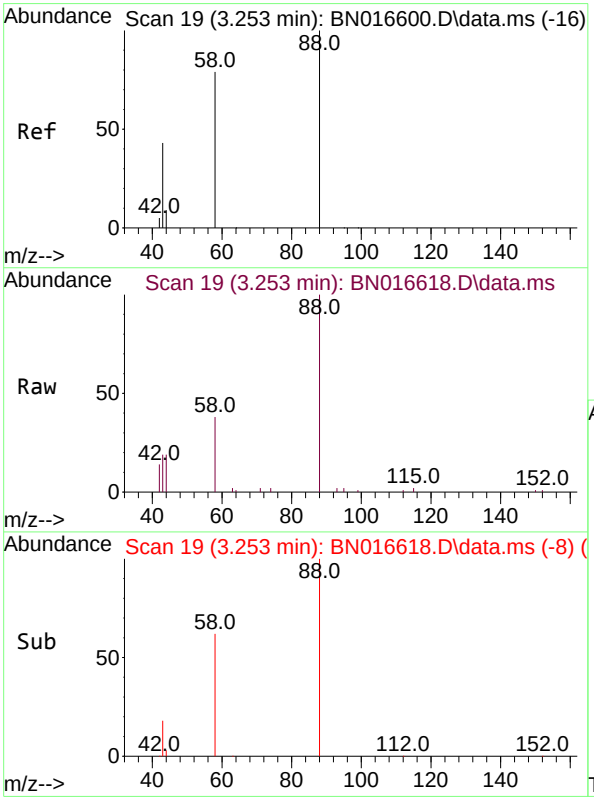


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:152 Resp: 30804

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	57.3	46.5	69.7

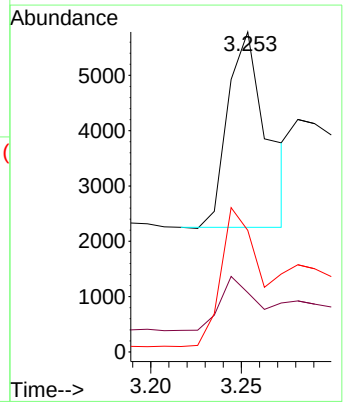




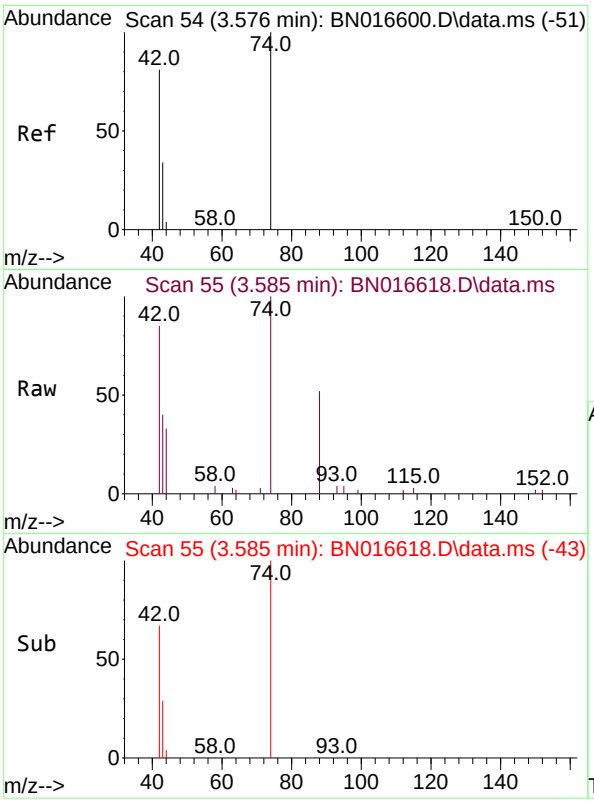
#2
1,4-Dioxane
Concen: 0.375 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion: 88 Resp: 5313

Ion	Ratio	Lower	Upper
88	100		
43	24.5	37.8	56.8#
58	65.8	61.3	91.9



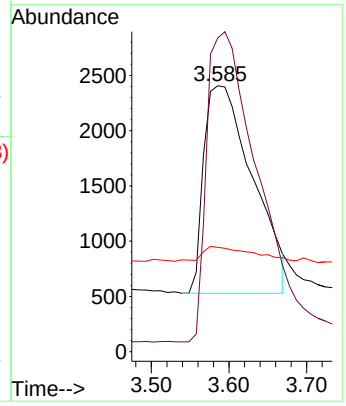
Instrument :
BNA_N
ClientSampleId :
PB139494BS

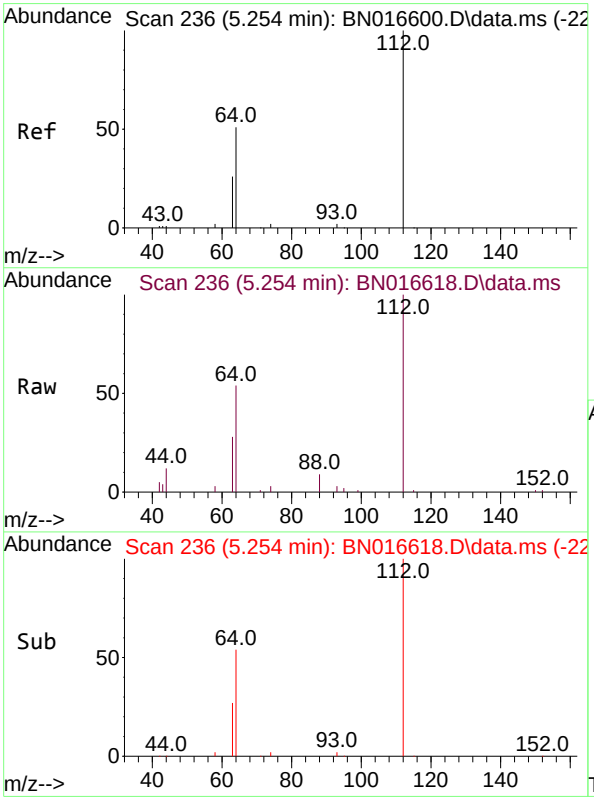


#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.585 min Scan# 55
Delta R.T. 0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion: 42 Resp: 8199

Ion	Ratio	Lower	Upper
42	100		
74	149.7	121.6	182.4
44	7.0	6.3	9.5

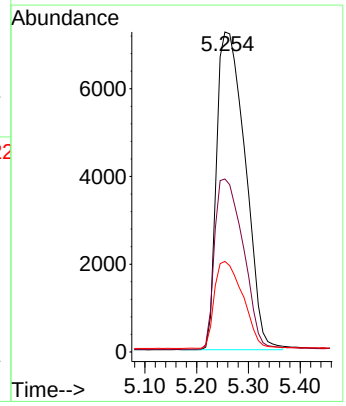




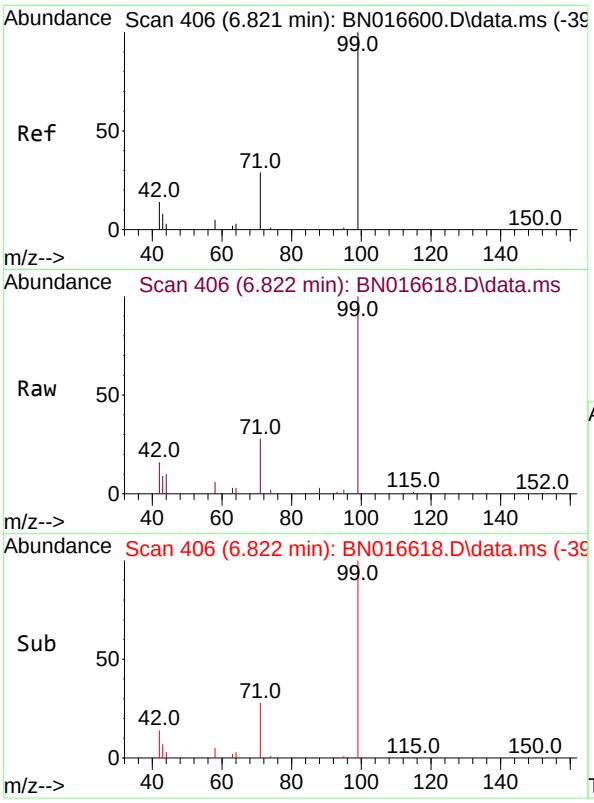
#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:112 Resp: 27730

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.1	64.7
63	27.3	21.6	32.4



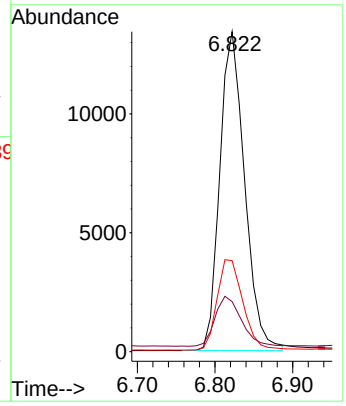
Instrument :
BNA_N
ClientSampleId :
PB139494BS

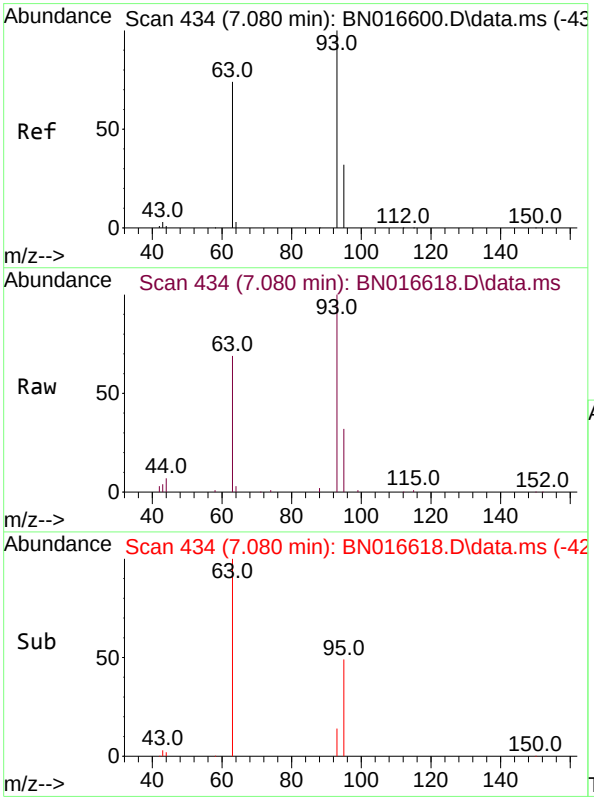


#5
Phenol-d6
Concen: 0.346 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion: 99 Resp: 29746

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.6
71	29.6	23.5	35.3

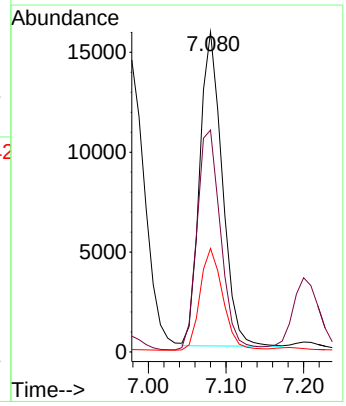




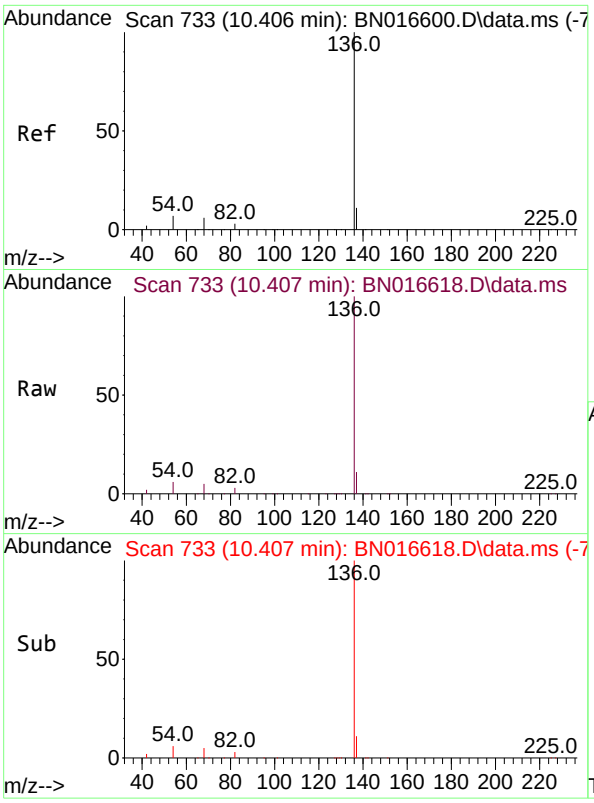
#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion: 93 Resp: 31683

Ion	Ratio	Lower	Upper
93	100		
63	73.7	59.1	88.7
95	32.9	26.2	39.4



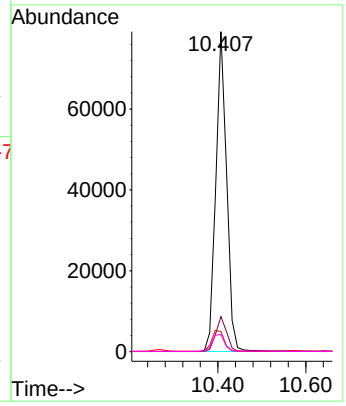
Instrument :
BNA_N
ClientSampleId :
PB139494BS

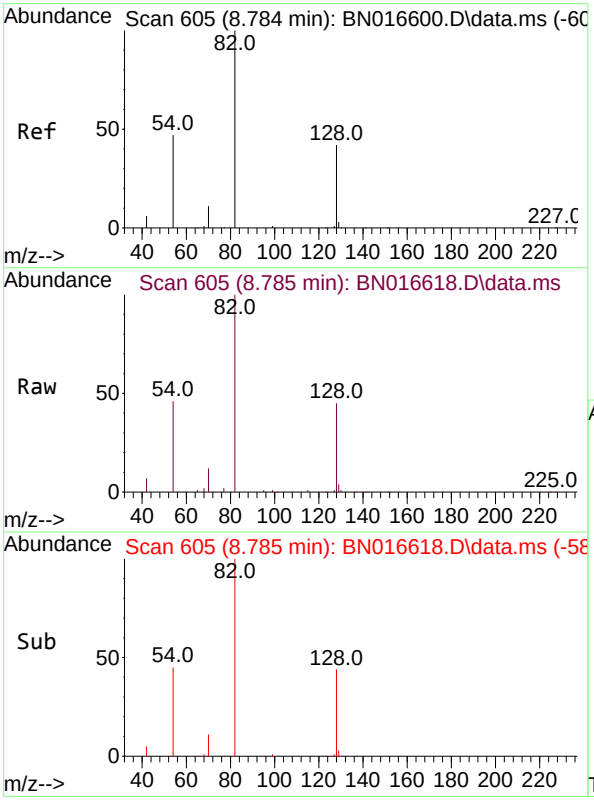


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:136 Resp: 134600

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	5.9	8.9
68	5.3	5.0	7.6

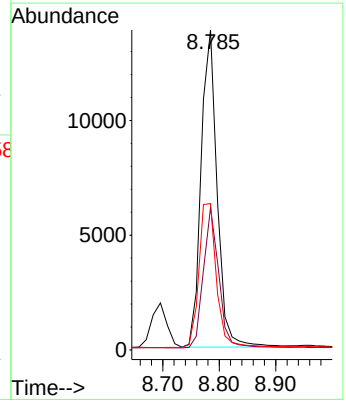




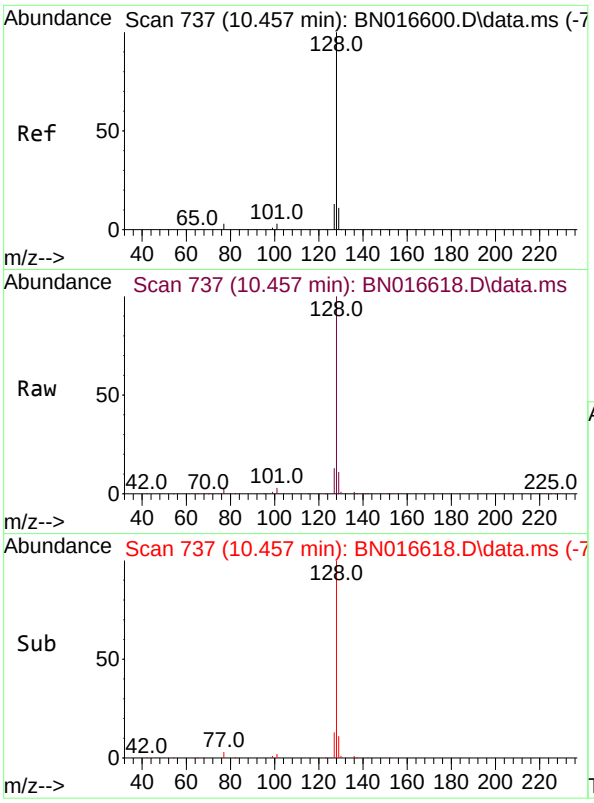
#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion: 82 Resp: 27359

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.6	50.4
54	45.8	37.6	56.4



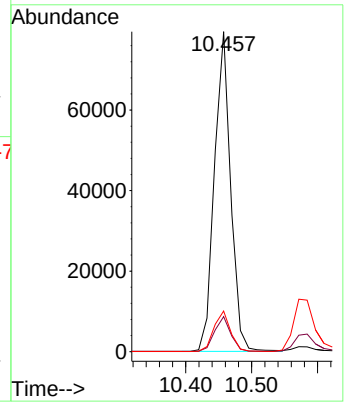
Instrument :
BNA_N
ClientSampleId :
PB139494BS

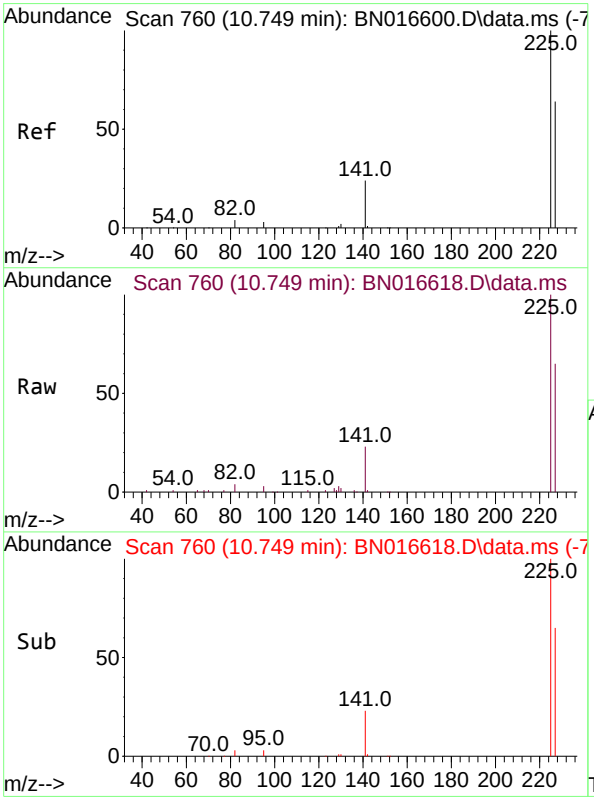


#9
Naphthalene
Concen: 0.372 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:128 Resp: 135932

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.7	10.3	15.5

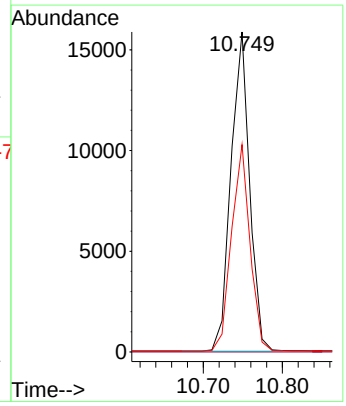




#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:225 Resp: 25939

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.6



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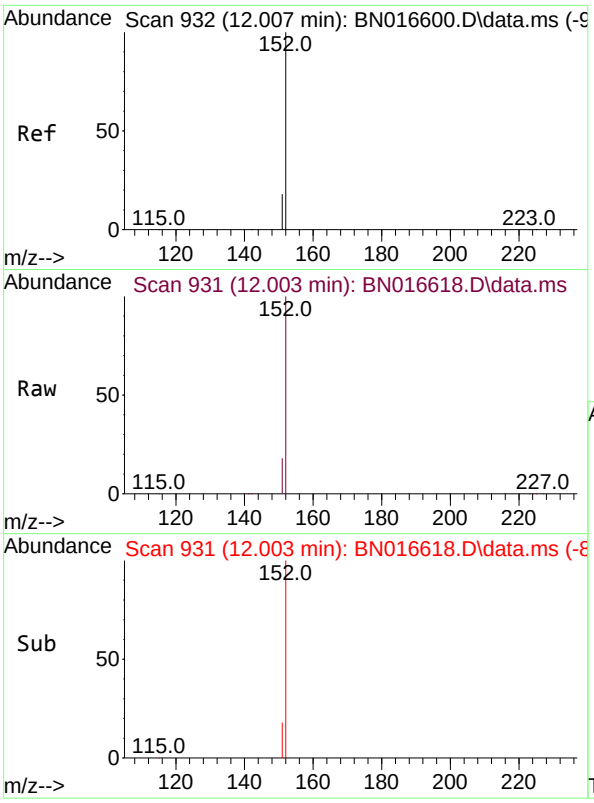
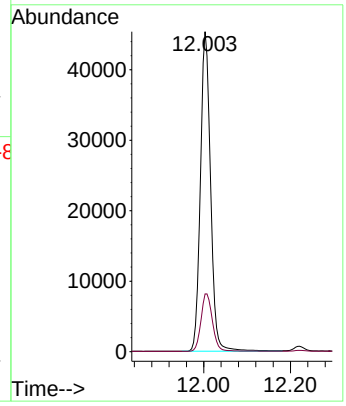
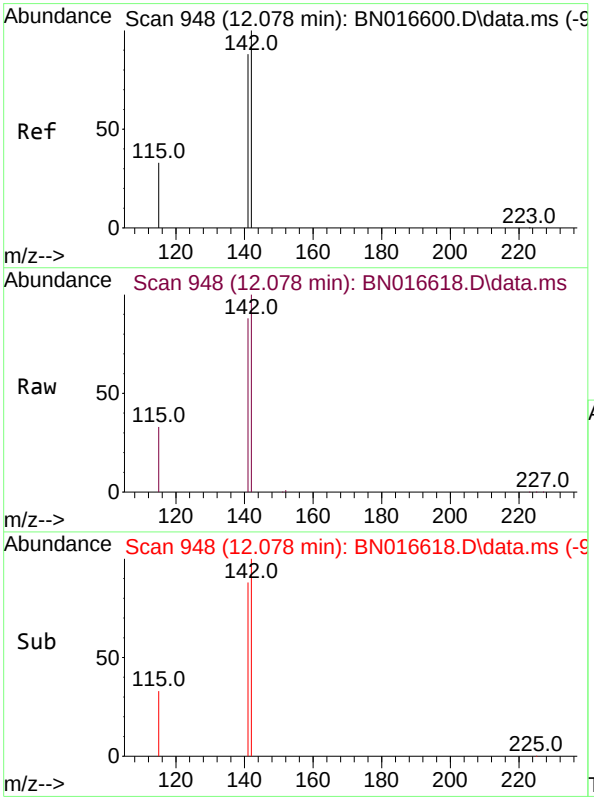


#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:152 Resp: 74118

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

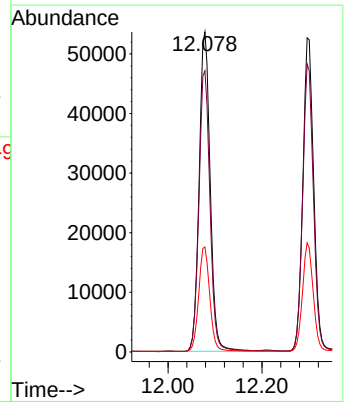




#12
2-Methylnaphthalene
Concen: 0.377 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:142 Resp: 88182

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.6	105.8
115	32.8	26.6	39.8



Instrument :
BNA_N
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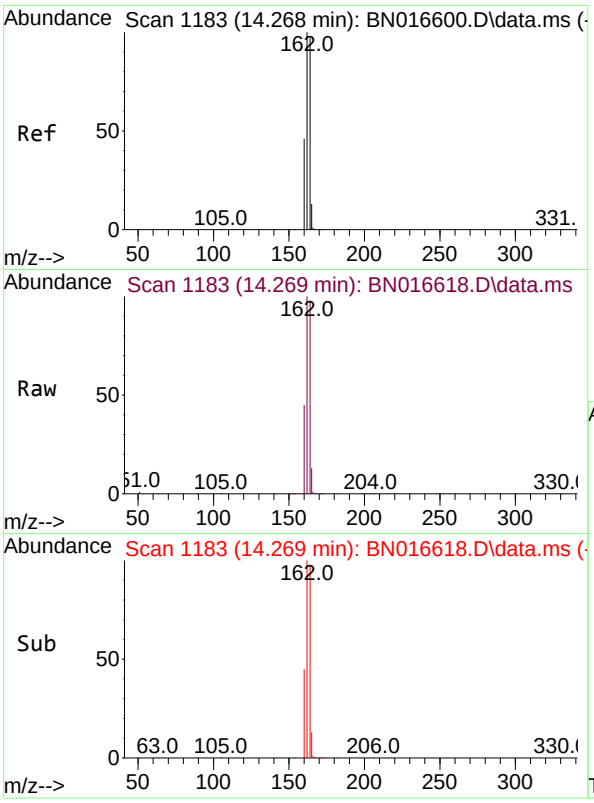
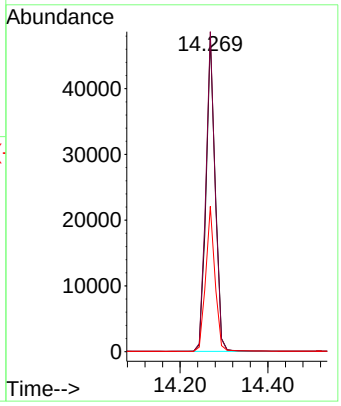
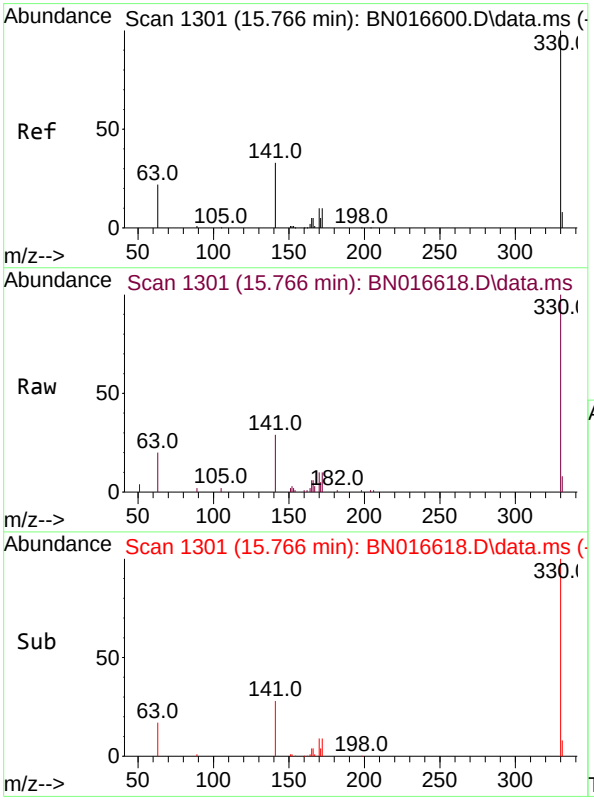


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:164 Resp: 69505

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.2
160	46.1	37.7	56.5

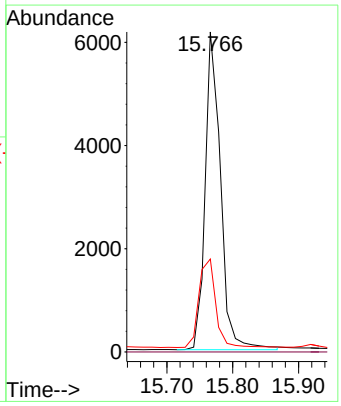




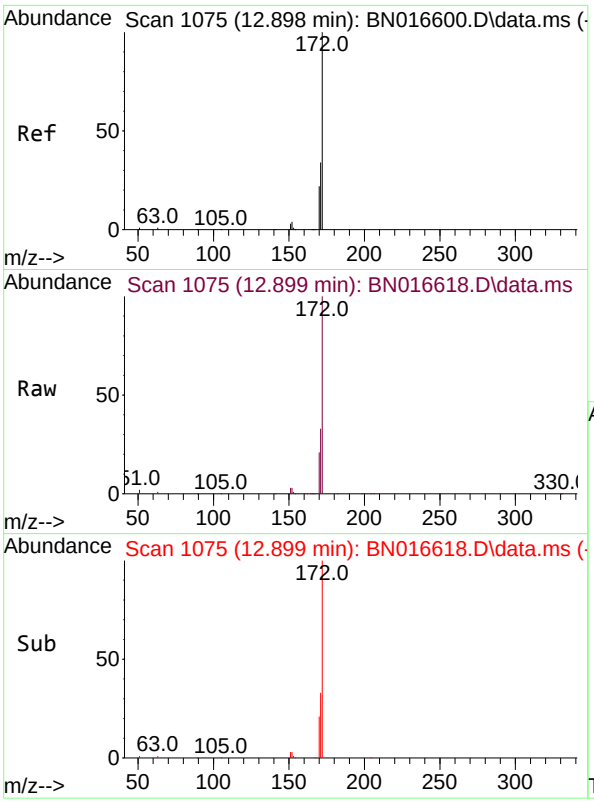
#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:330 Resp: 10006

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.6	25.2	37.8



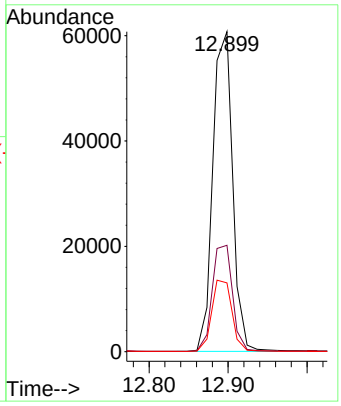
Instrument :
BNA_N
ClientSampleId :
PB139494BS

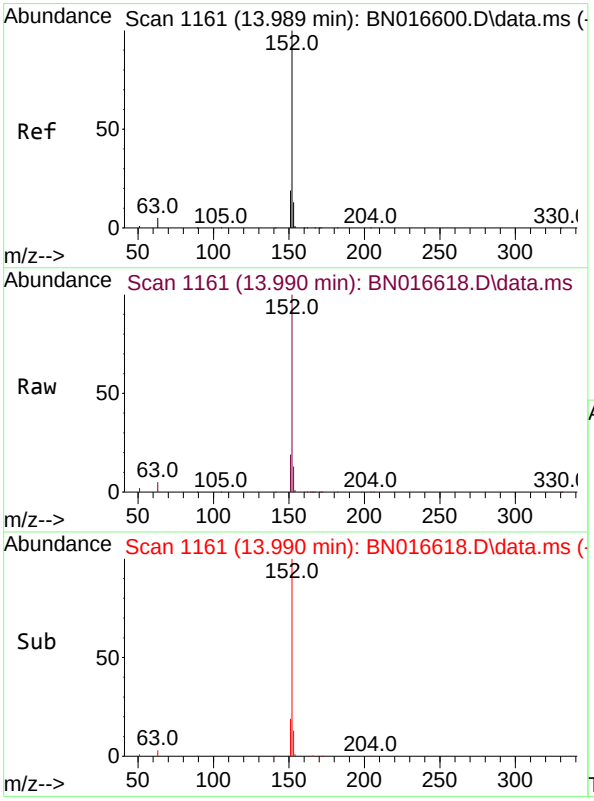


#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.899 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:172 Resp: 105783

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.0	40.4
170	21.5	17.4	26.2

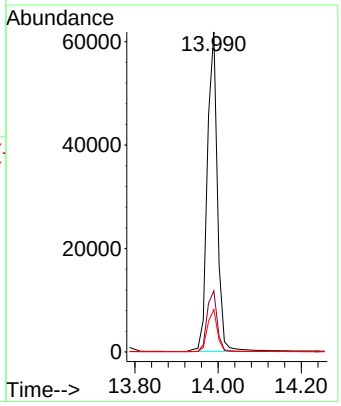




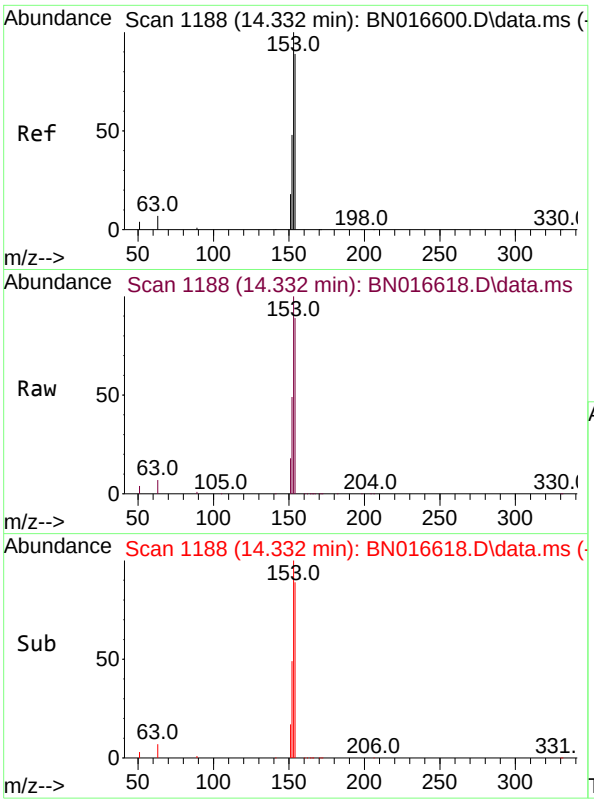
#16
Acenaphthylene
Concen: 0.342 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:152 Resp: 104039

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



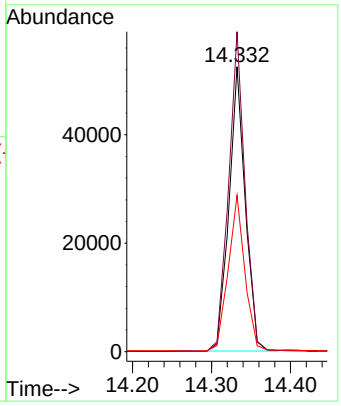
Instrument :
BNA_N
ClientSampleId :
PB139494BS

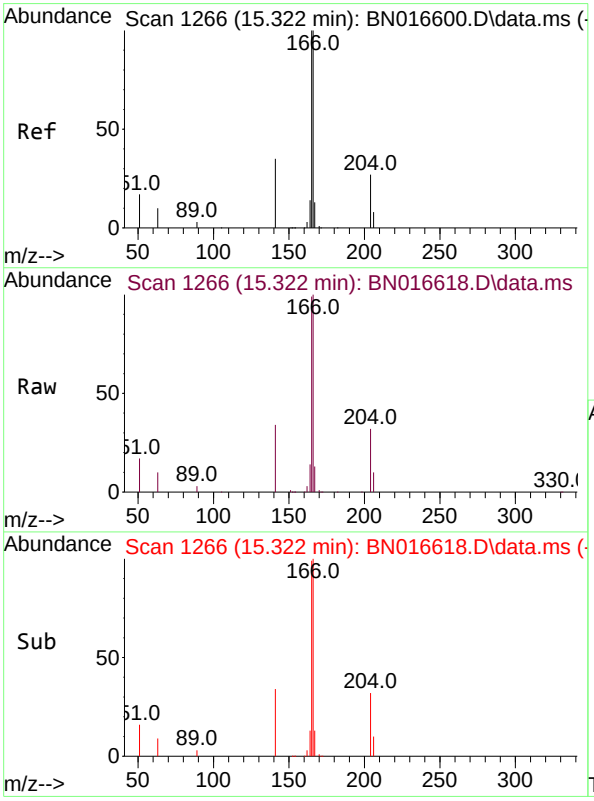


#17
Acenaphthene
Concen: 0.367 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:154 Resp: 75024

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.2	135.2
152	56.2	44.0	66.0

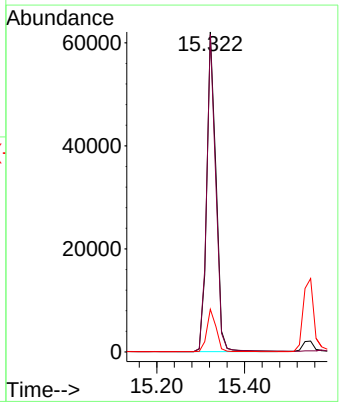




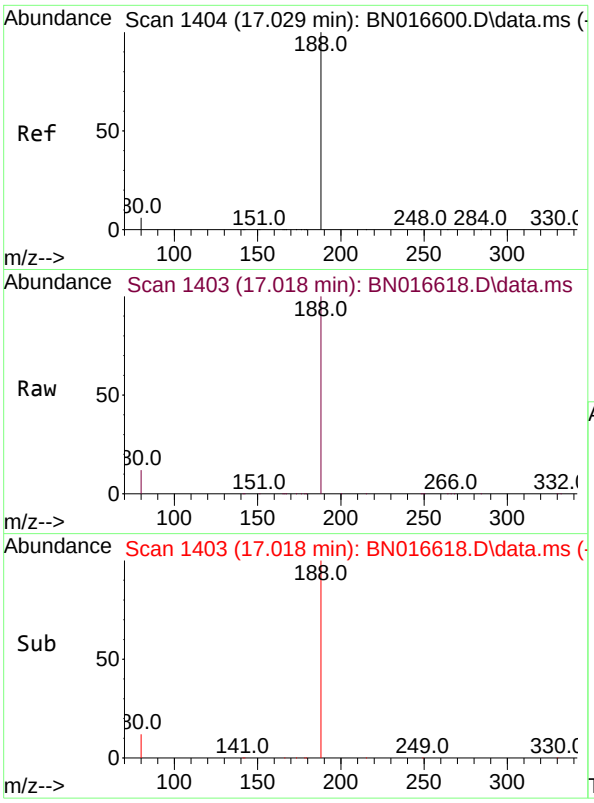
#18
Fluorene
Concen: 0.373 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:166 Resp: 90302

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.4	10.7	16.1



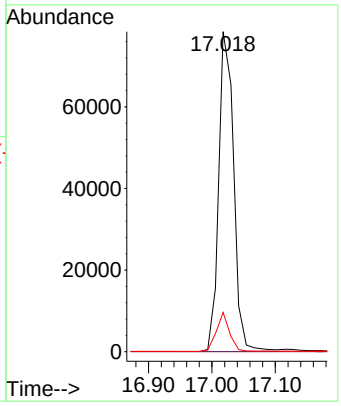
Instrument :
BNA_N
ClientSampleId :
PB139494BS

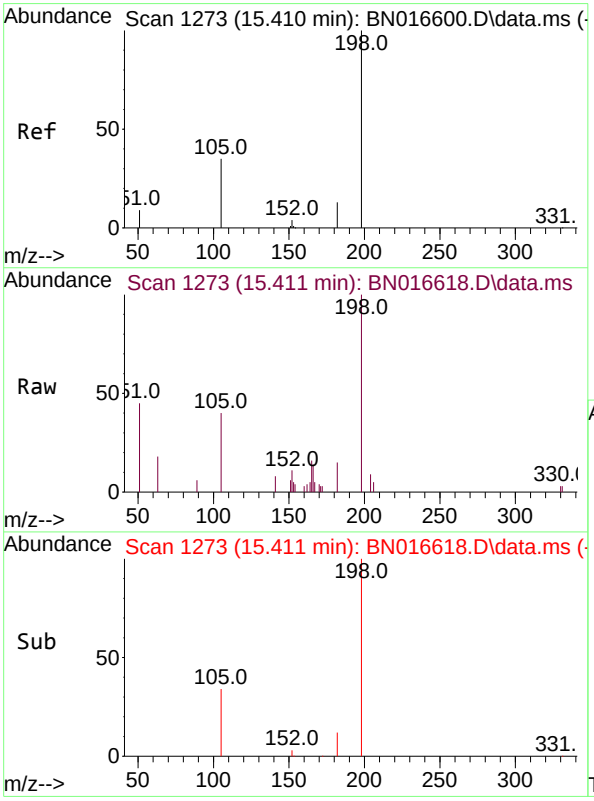


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:188 Resp: 127845

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	5.0	7.6#

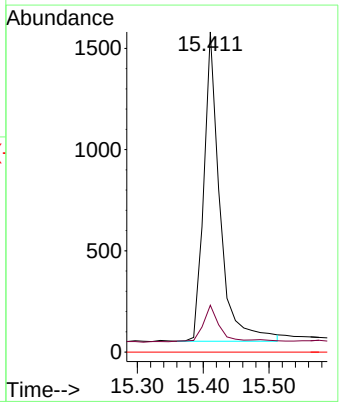




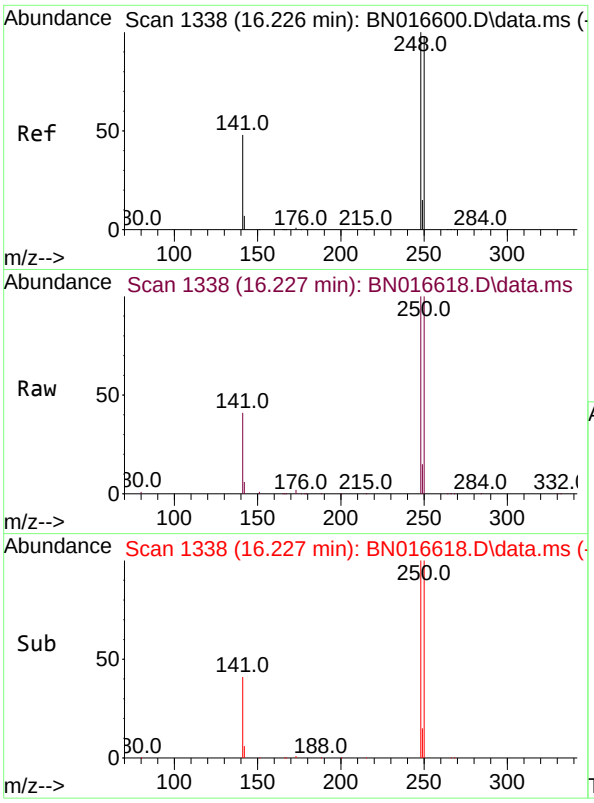
#20
4,6-Dinitro-2-methylphenol
Concen: 0.293 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:198 Resp: 2599

Ion	Ratio	Lower	Upper
198	100		
182	14.6	11.8	17.8
77	0.0	0.0	0.0



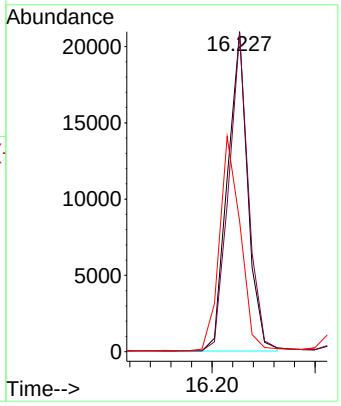
Instrument :
BNA_N
ClientSampleId :
PB139494BS

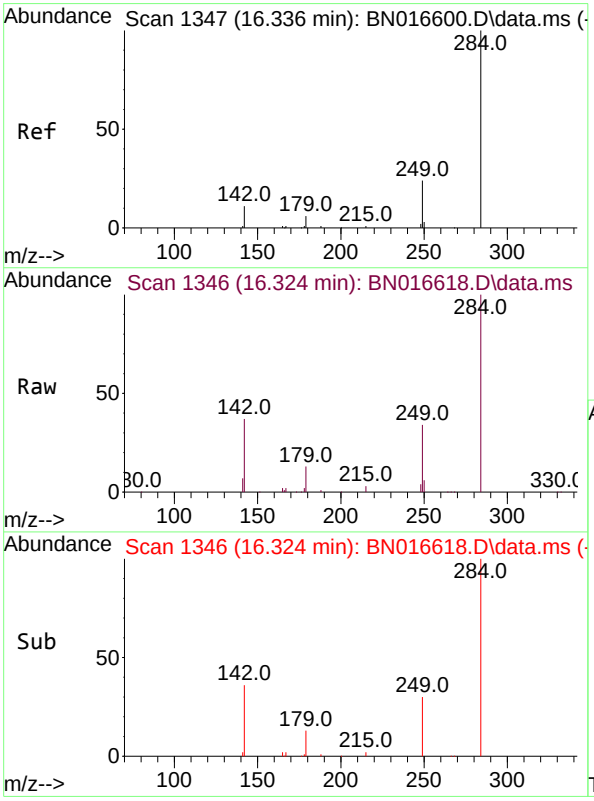


#21
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.227 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:248 Resp: 28719

Ion	Ratio	Lower	Upper
248	100		
250	99.6	78.6	117.8
141	40.8	38.6	57.8

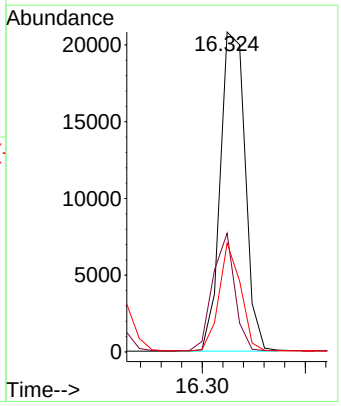




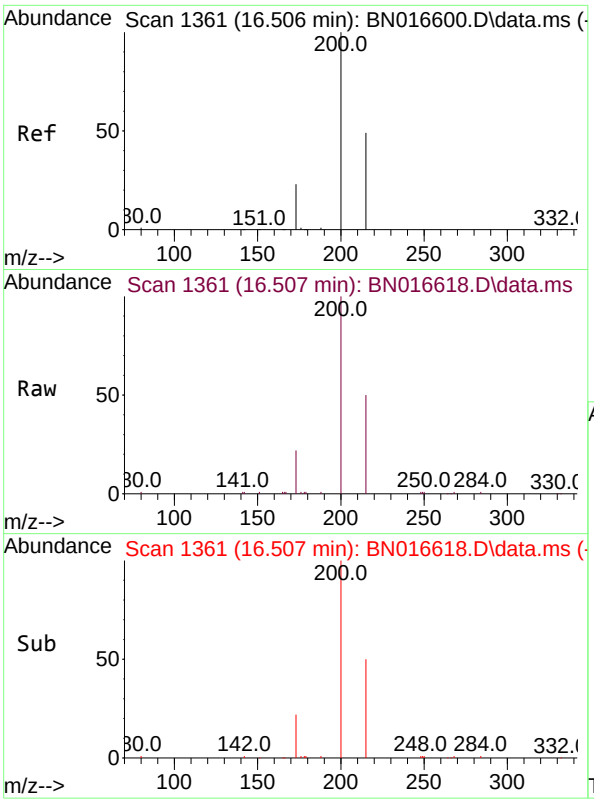
#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:284 Resp: 35026

Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.4	39.6
249	29.2	23.4	35.2



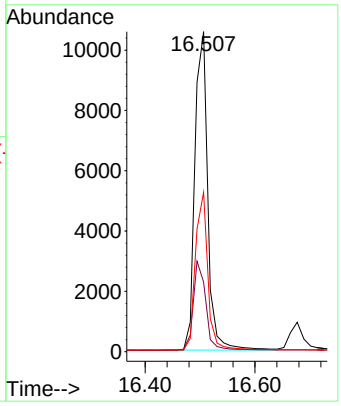
Instrument :
BNA_N
ClientSampleId :
PB139494BS

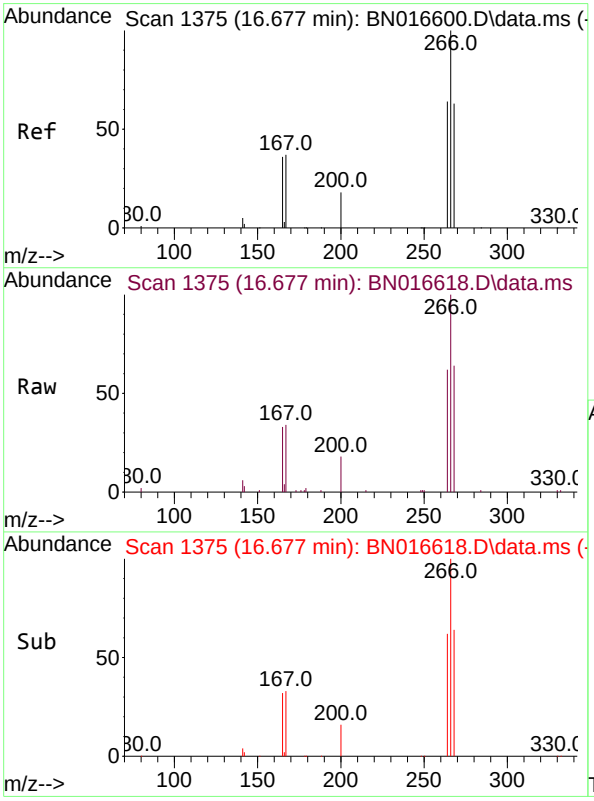


#23
Atrazine
Concen: 0.299 ng
RT: 16.507 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:200 Resp: 17279

Ion	Ratio	Lower	Upper
200	100		
173	21.8	18.6	27.8
215	49.8	39.4	59.2

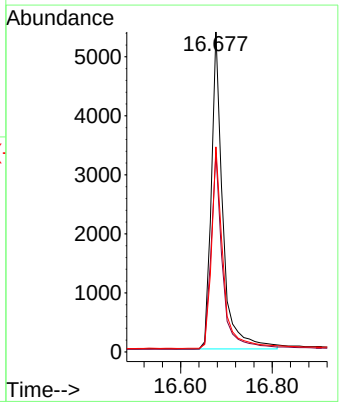




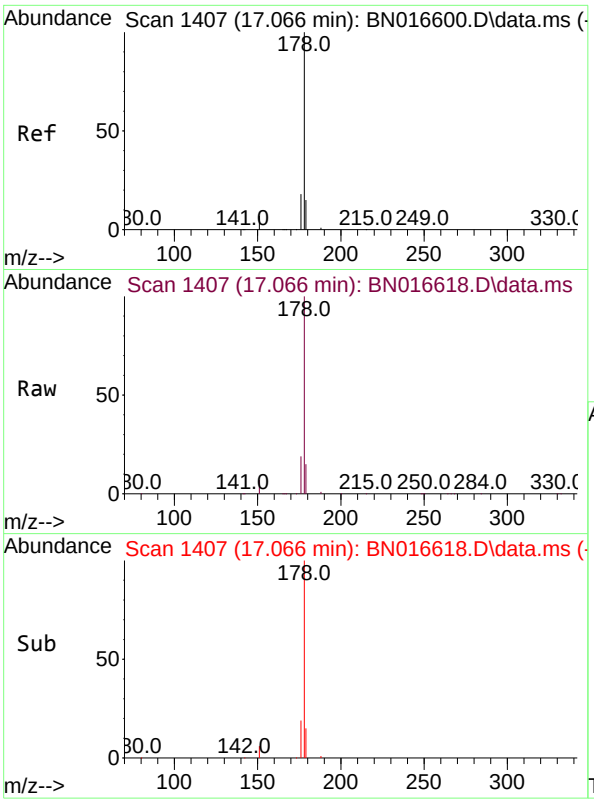
#24
Pentachlorophenol
Concen: 0.305 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:266 Resp: 9291

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.6
268	63.9	51.4	77.2



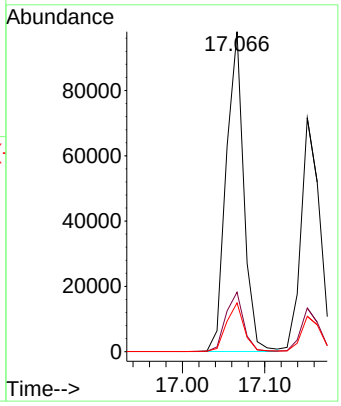
Instrument :
BNA_N
ClientSampleId :
PB139494BS

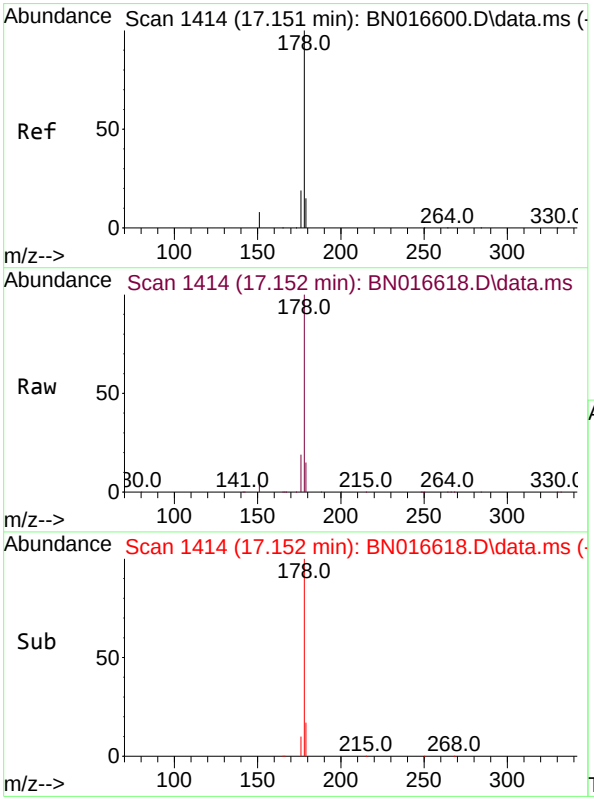


#25
Phenanthrene
Concen: 0.378 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:178 Resp: 145500

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.2	12.2	18.4

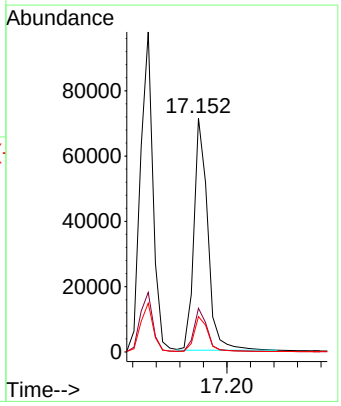


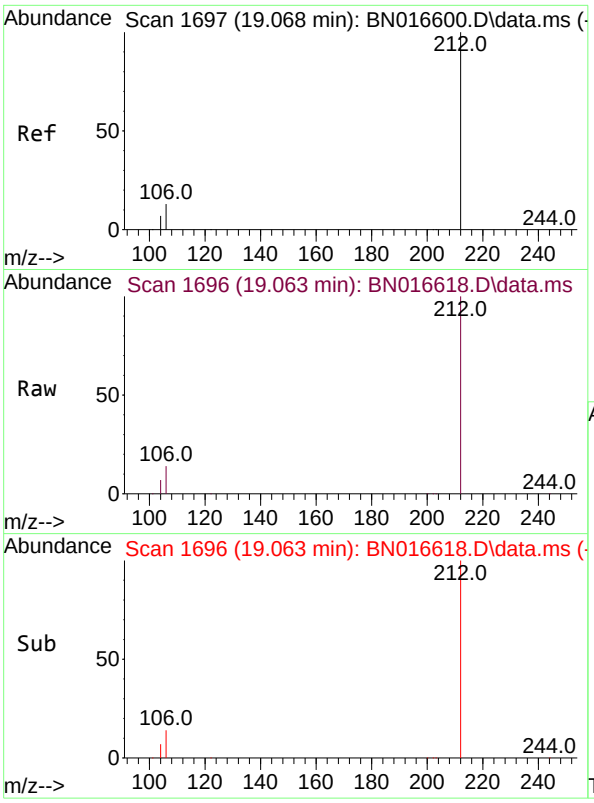


#26
Anthracene
Concen: 0.348 ng
RT: 17.152 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:178 Resp: 115702

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.2	18.4

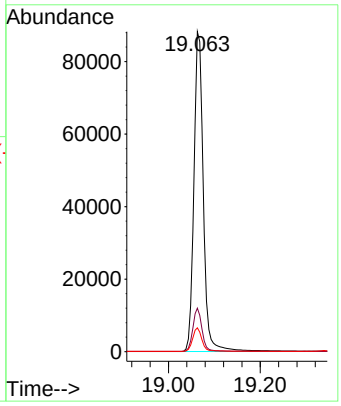




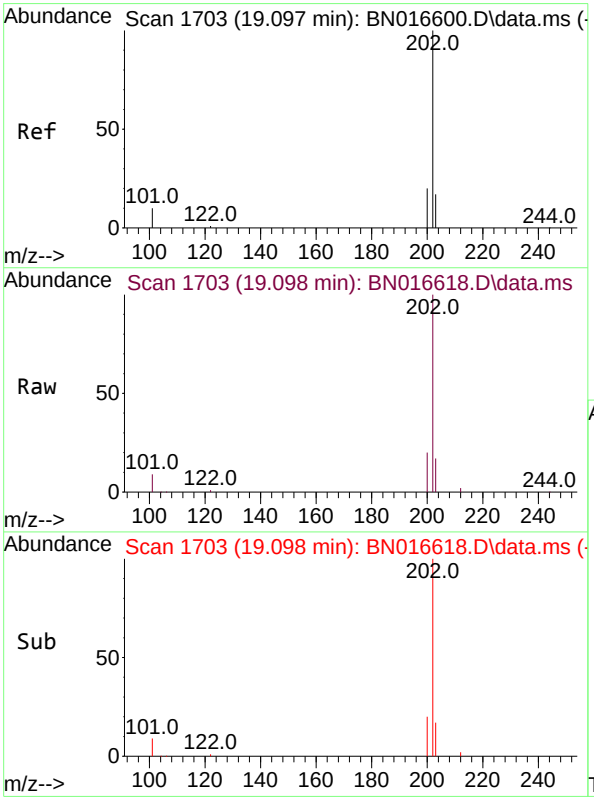
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:212 Resp: 125567

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.3	5.9	8.9



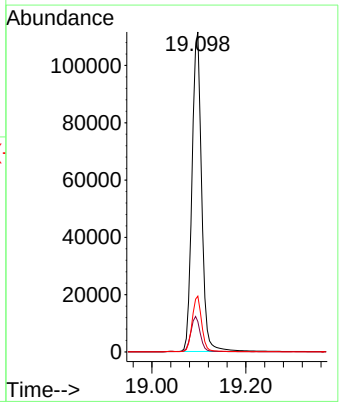
Instrument :
BNA_N
ClientSampleId :
PB139494BS



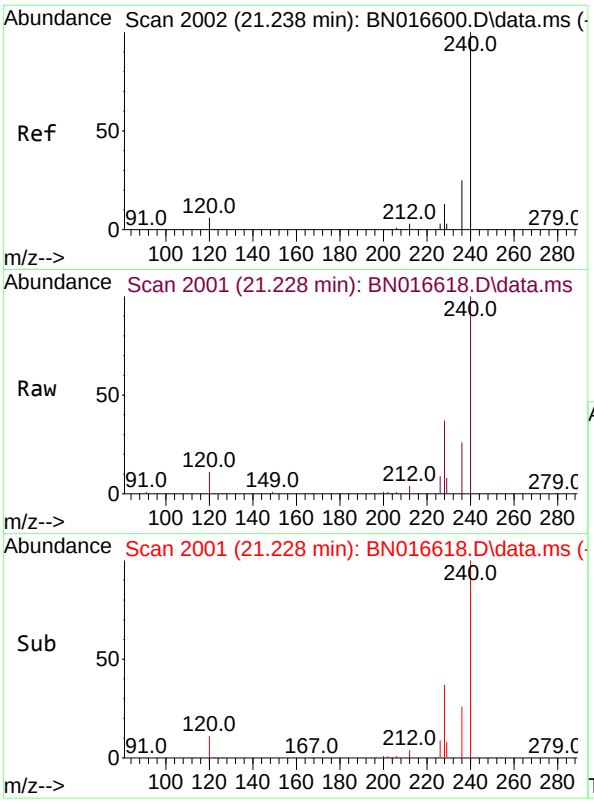
#28
Fluoranthene
Concen: 0.381 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:202 Resp: 158340

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.3	13.8	20.6



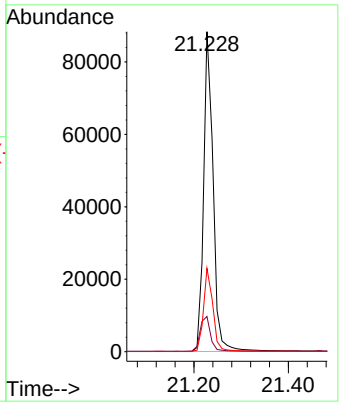
Instrument :
BNA_N
ClientSampleId :
PB139494BS

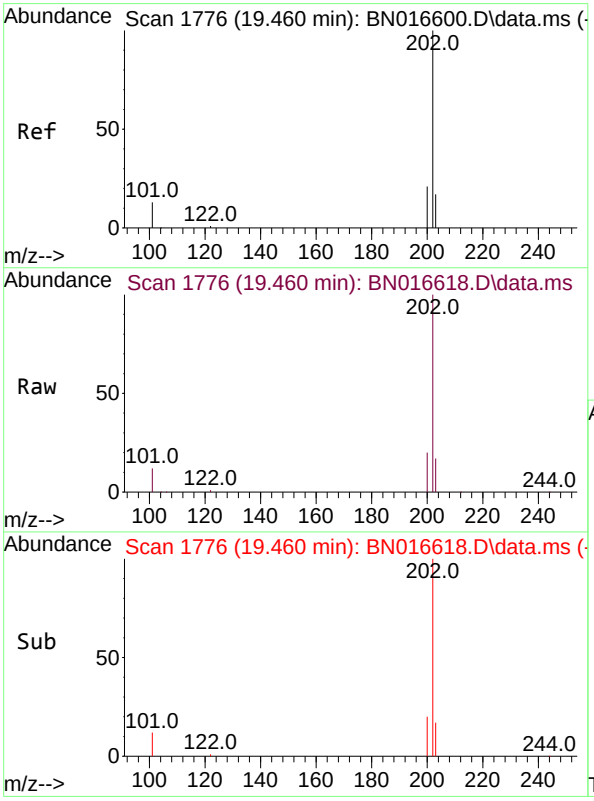


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:240 Resp: 123137

Ion	Ratio	Lower	Upper
240	100		
120	11.0	5.0	7.4#
236	26.1	20.4	30.6

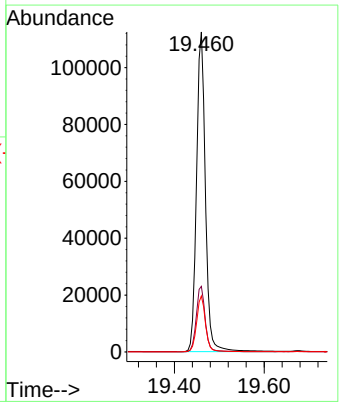




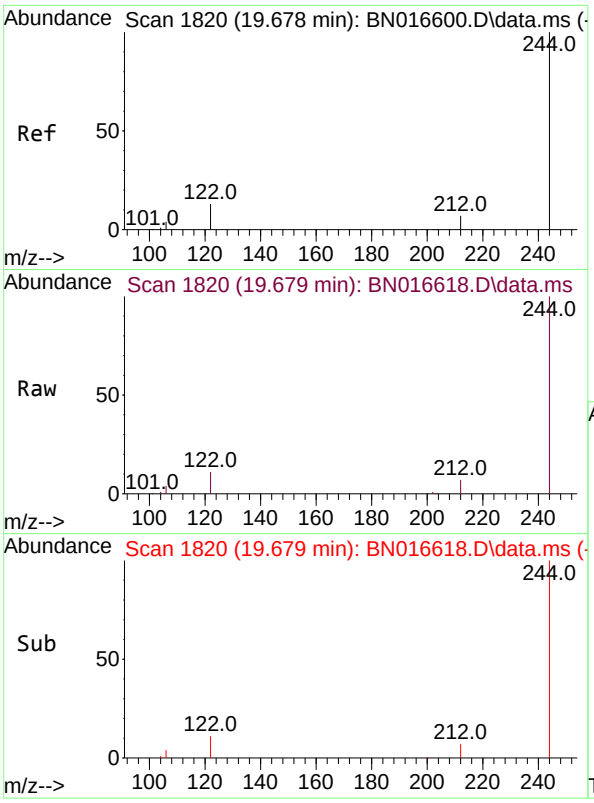
#30
Pyrene
Concen: 0.391 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:202 Resp: 155704

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.4	14.0	21.0



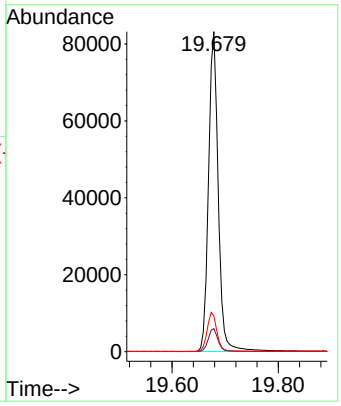
Instrument :
BNA_N
ClientSampleId :
PB139494BS

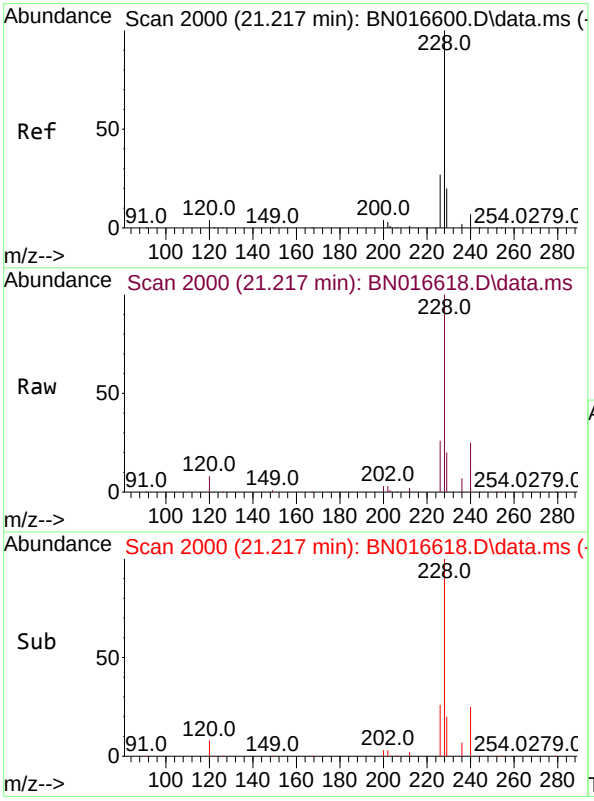


#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:244 Resp: 105495

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.2	10.1	15.1

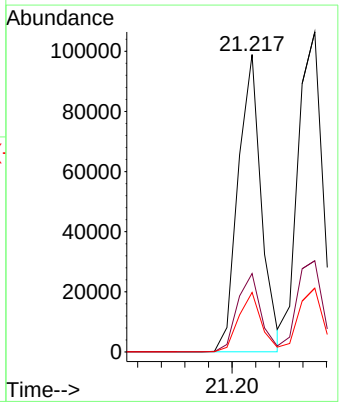




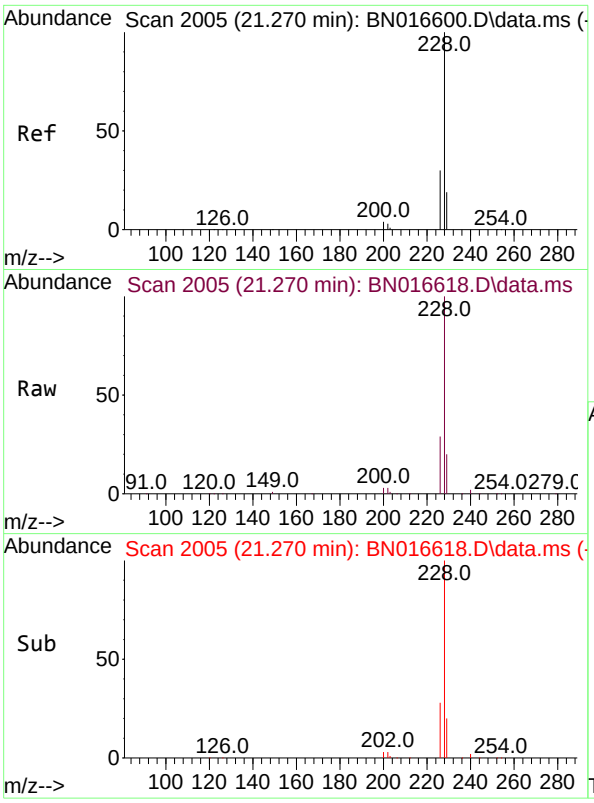
#32
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:228 Resp: 135351

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.9	32.9
229	20.0	15.7	23.5



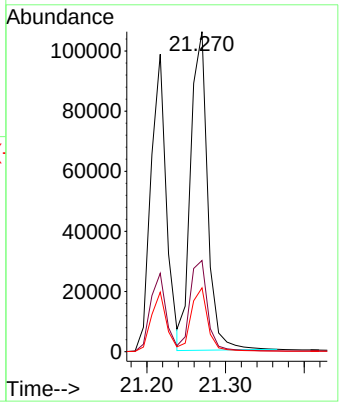
Instrument :
BNA_N
ClientSampleId :
PB139494BS

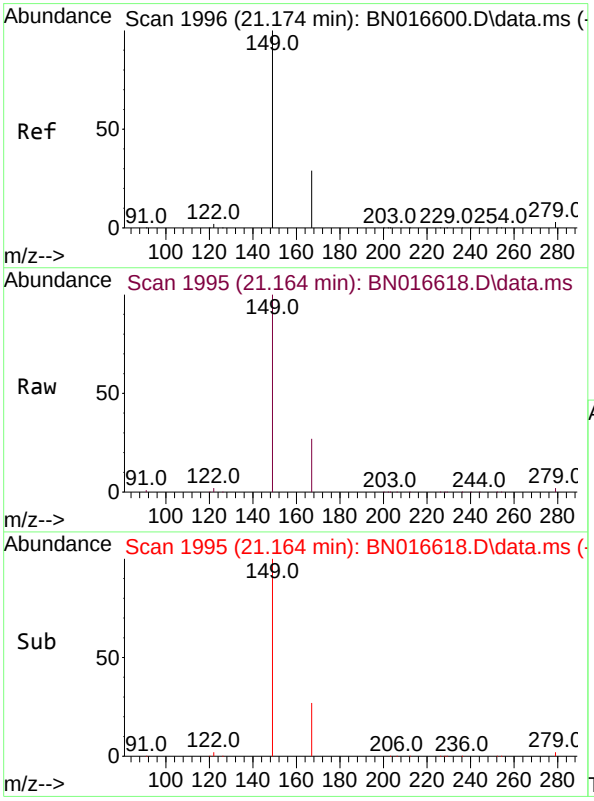


#33
Chrysene
Concen: 0.415 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:228 Resp: 158655

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.7	35.5
229	19.9	15.5	23.3

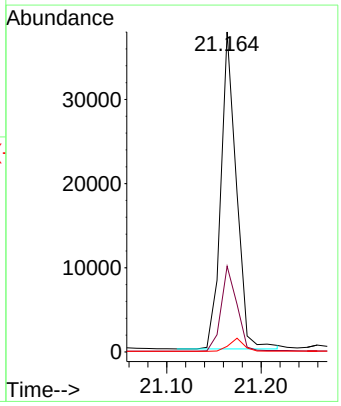


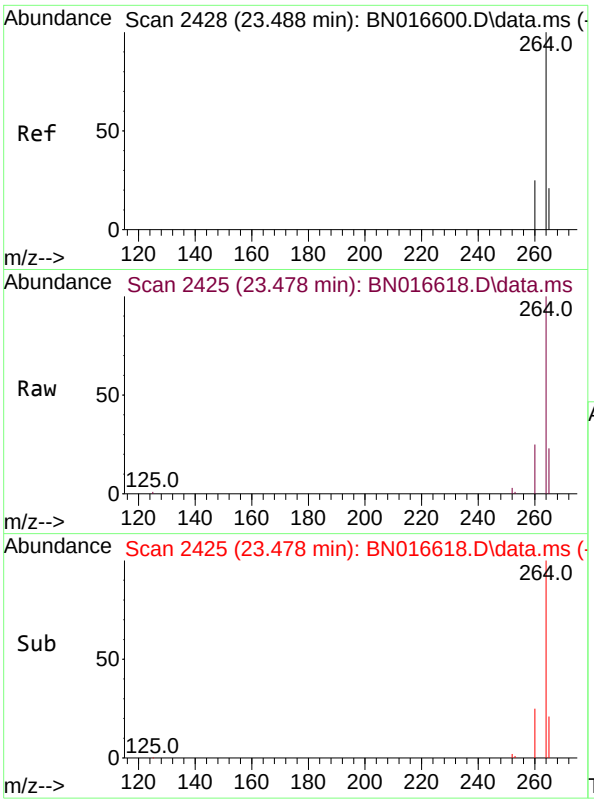


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:149 Resp: 43052

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.4
279	3.9	3.2	4.8

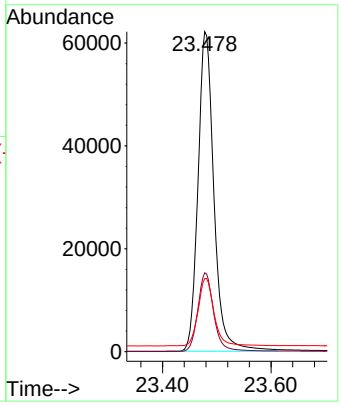




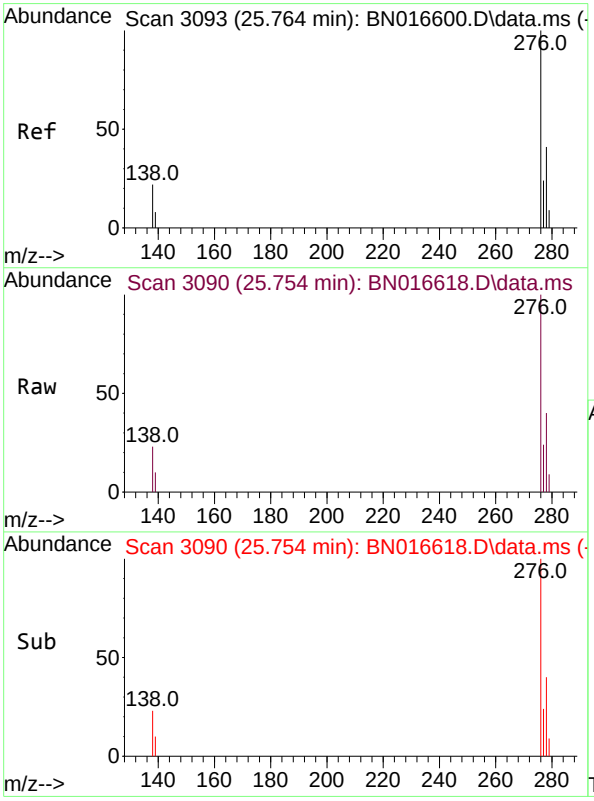
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.478 min Scan# 2425
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:264 Resp: 126699

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.8	19.2	28.8



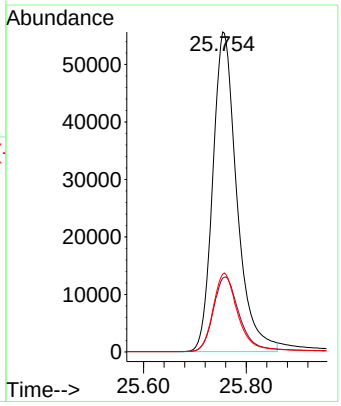
Instrument :
BNA_N
ClientSampleId :
PB139494BS



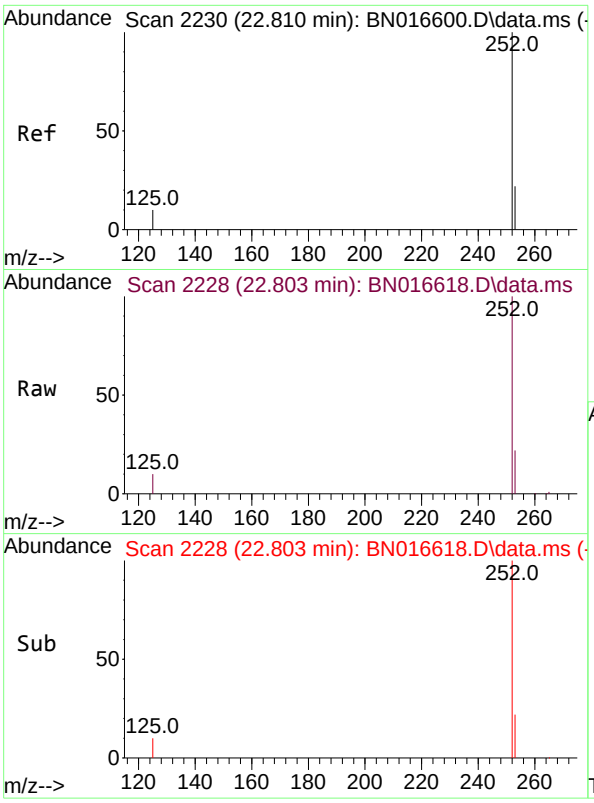
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng
RT: 25.754 min Scan# 3090
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:276 Resp: 180525

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.5	29.3
277	25.0	19.9	29.9



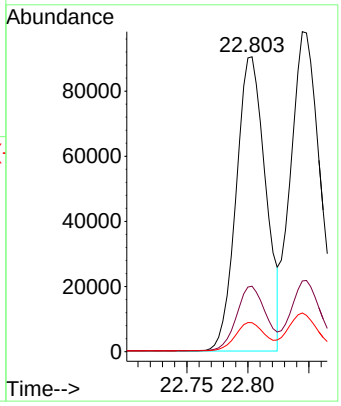
Instrument :
BNA_N
ClientSampleId :
PB139494BS

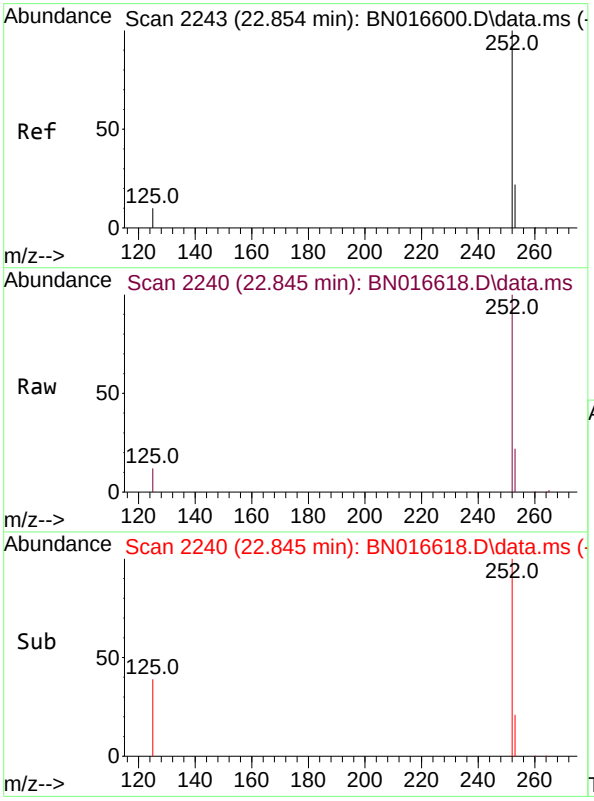


#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 22.803 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:252 Resp: 151601

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.8	8.0	12.0

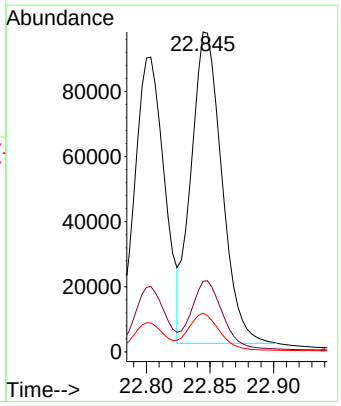




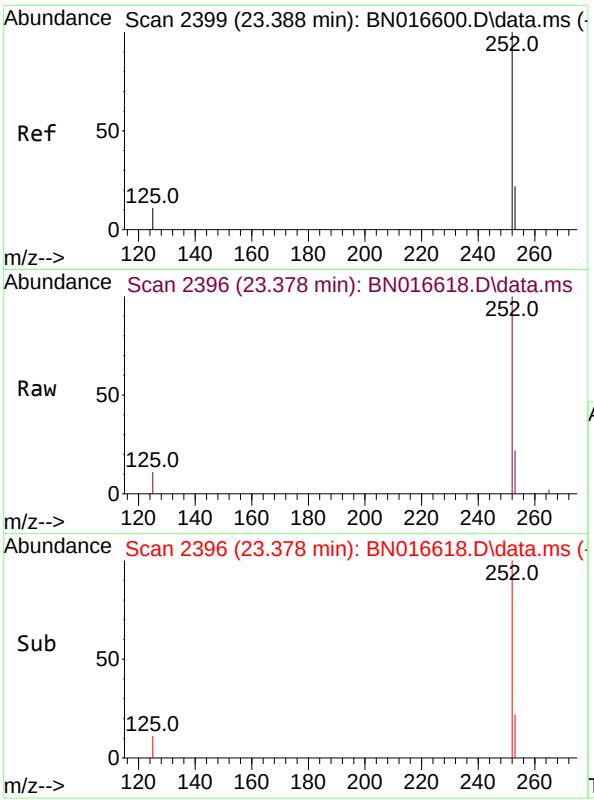
#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.845 min Scan# 2240
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:252 Resp: 160676

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.1	8.0	12.0#



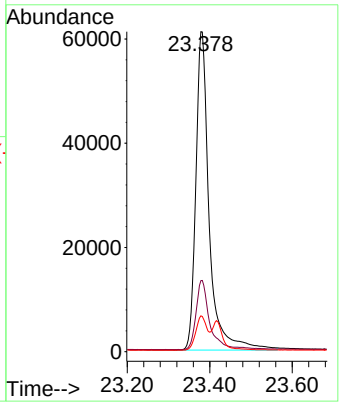
Instrument :
BNA_N
ClientSampleId :
PB139494BS

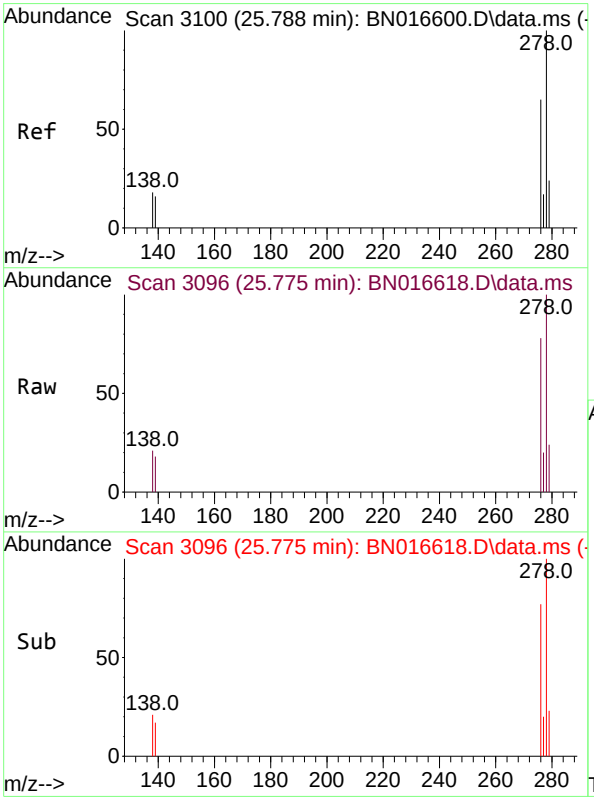


#39
Benzo(a)pyrene
Concen: 0.378 ng
RT: 23.378 min Scan# 2396
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:252 Resp: 137167

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.2	9.0	13.4

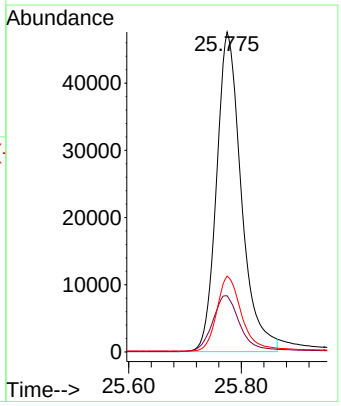


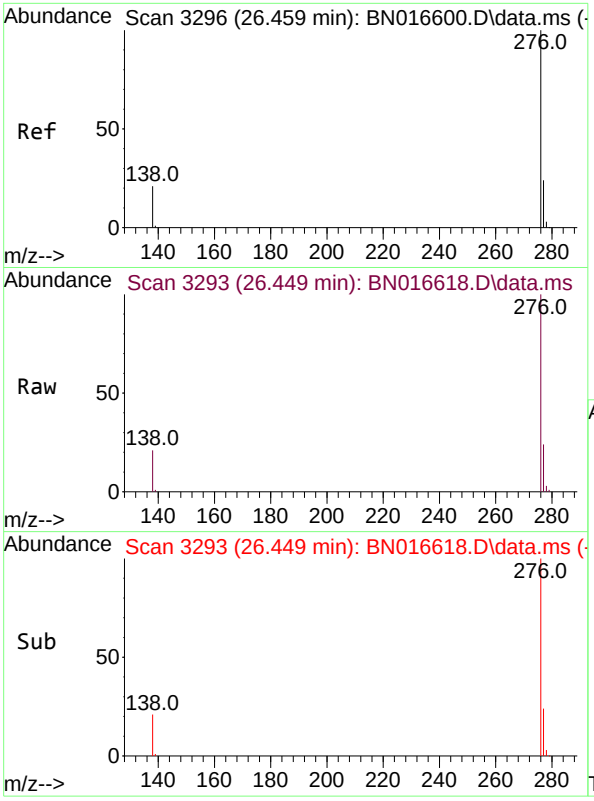


#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 25.775 min Scan# 3096
Delta R.T. -0.013 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:278 Resp: 144636

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.1	19.7
279	23.7	19.1	28.7

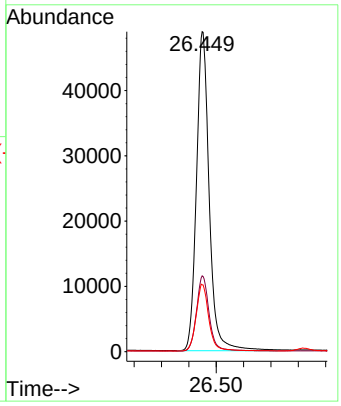




#41
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 26.449 min Scan# 3293
Delta R.T. -0.010 min
Lab File: BN016618.D
Acq: 01 Oct 2021 03:36

Tgt Ion:276 Resp: 157889

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	20.9	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
PB139494BS