Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016274.D
Acq On : 10 Sep 2021 02:42
Operator : CG/JU
Sample : PB138734BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB138734BS

Quant Time: Sep 10 03:12:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	13100	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	65510	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	36821	0.400	ng		-0.01
19) Phenanthrene-d10	17.237	188	72664	0.400	ng		0.00
29) Chrysene-d12	21.429	240	68218	0.400	ng	#	0.00
35) Perylene-d12	23.806	264	39866	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.448	112	12907	0.386	ng		0.00
5) Phenol-d6	7.034	99	16026	0.383	ng		0.00
8) Nitrobenzene-d5	9.013	82	19593	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	38924	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	5419	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.114	172	55560	0.385	ng		0.00
27) Fluoranthene-d10	19.271	212	80756	0.378	ng		0.00
31) Terphenyl-d14	19.867	244	70265	0.411	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	1731	0.372	ng		88
3) n-Nitrosodimethylamine	3.742	42	3506	0.364	ng	#	99
6) bis(2-Chloroethyl)ether	7.292	93	13750	0.399	ng		98
9) Naphthalene	10.698	128	67951	0.388	ng		99
10) Hexachlorobutadiene	10.990	225	13834	0.388	ng	#	99
12) 2-Methylnaphthalene	12.318	142	45972	0.390	ng		98
16) Acenaphthylene	14.205	152	62550	0.380	ng		100
17) Acenaphthene	14.548	154	41032	0.384	ng		99
18) Fluorene	15.538	166	50327	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	329	0.318	ng	#	87
21) 4-Bromophenyl-phenylether	16.421	248	15225	0.392	ng	#	74
22) Hexachlorobenzene	16.543	284	18373	0.394	ng		100
23) Atrazine	16.689	200	12519	0.350	ng	#	93
24) Pentachlorophenol	16.896	266	1747	0.364	ng		100
25) Phenanthrene	17.273	178	82487	0.391	ng		100
26) Anthracene	17.371	178	74049	0.381	ng		100
28) Fluoranthene	19.301	202	98117	0.396	ng		100
30) Pyrene	19.664	202	97691	0.422	ng		100
32) Benzo(a)anthracene	21.408	228	84516	0.397	ng		100
33) Chrysene	21.461	228	87742	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.334	149	50653	0.387	ng		100
36) Indeno(1,2,3-cd)pyrene	26.281	276	24490	0.369	ng		98
37) Benzo(b)fluoranthene	23.129	252	60118	0.391	ng		99
38) Benzo(k)fluoranthene	23.129	252	58013	0.423	ng		99
39) Benzo(a)pyrene	23.704	252	48589	0.425	ng	#	89
40) Dibenzo(a,h)anthracene	26.298	278	19601	0.386	ng		98
41) Benzo(g,h,i)perylene	27.037	276	19229	0.349	ng		98

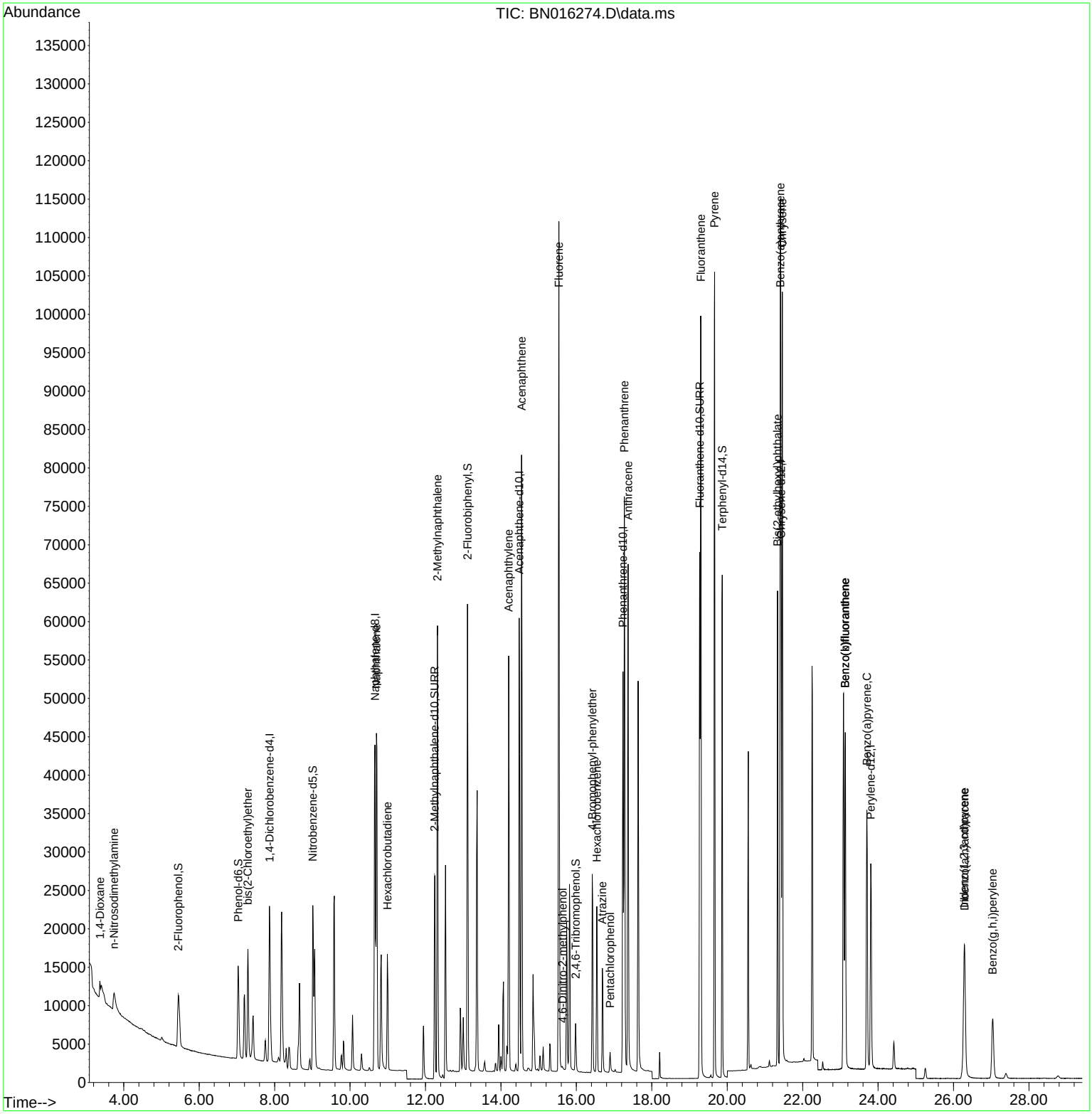
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

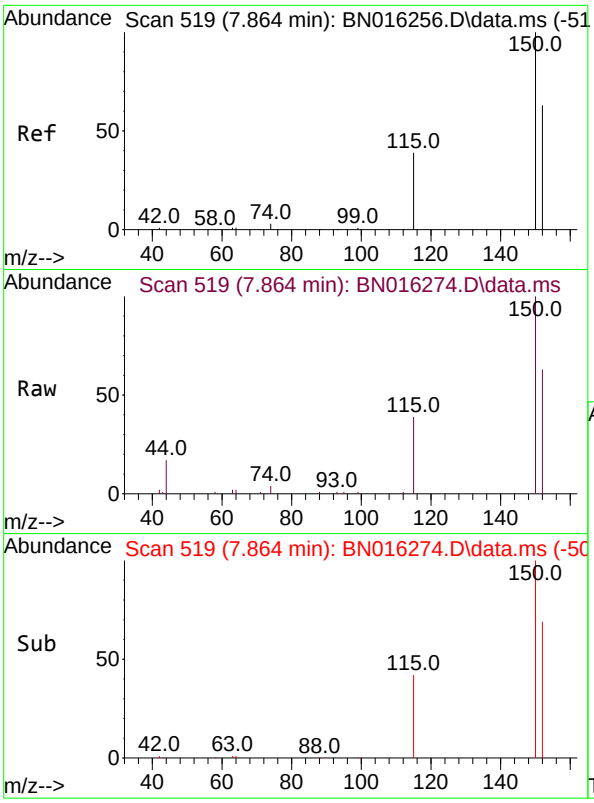
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
Data File : BN016274.D
Acq On : 10 Sep 2021 02:42
Operator : CG/JU
Sample : PB138734BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB138734BS

Quant Time: Sep 10 03:12:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 09 15:19:08 2021
Response via : Initial Calibration



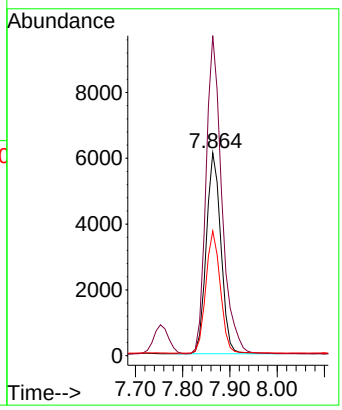
Instrument :
BNA_N
ClientSampleId :
PB138734BS

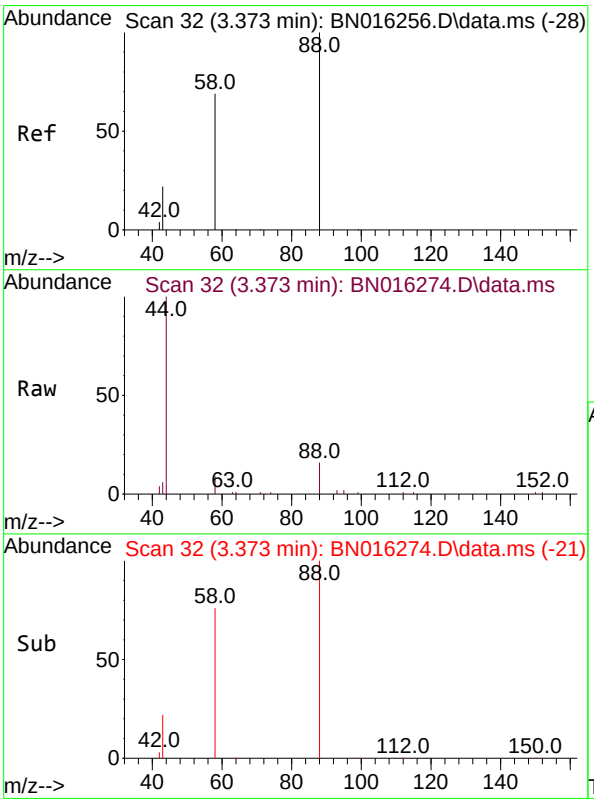


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.864 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:152 Resp: 13100

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.6	188.4
115	61.4	50.2	75.2

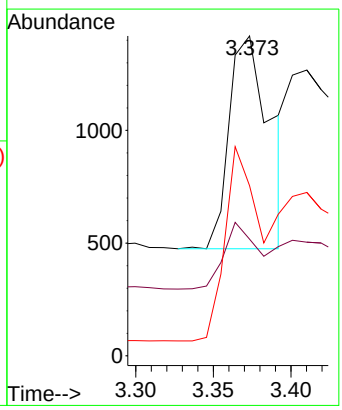




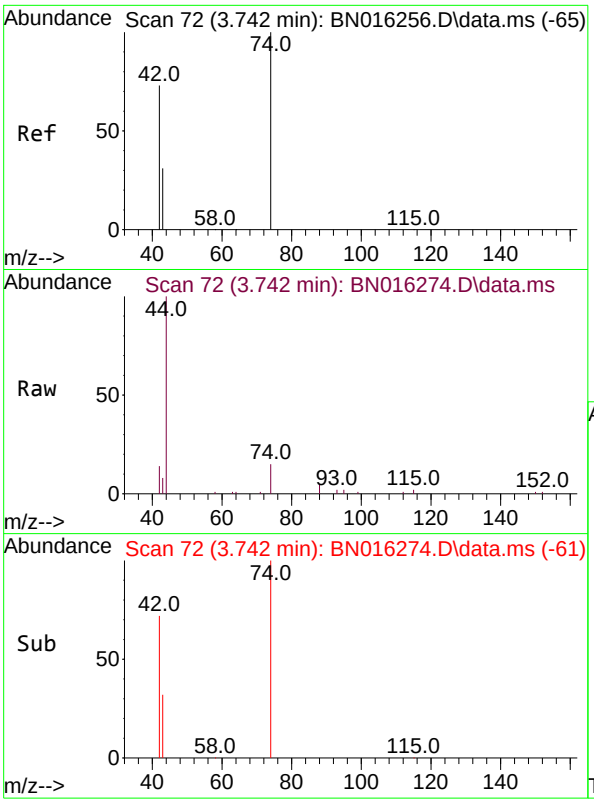
#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.373 min Scan# 32
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion: 88 Resp: 1731

Ion	Ratio	Lower	Upper
88	100		
43	25.5	20.3	30.5
58	73.5	69.9	104.9



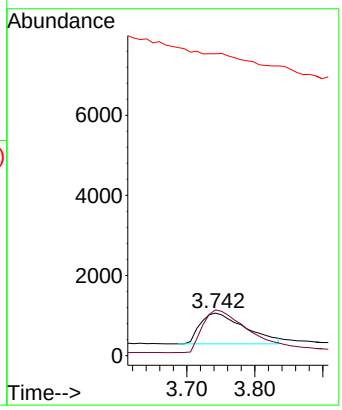
Instrument :
BNA_N
ClientSampleId :
PB138734BS

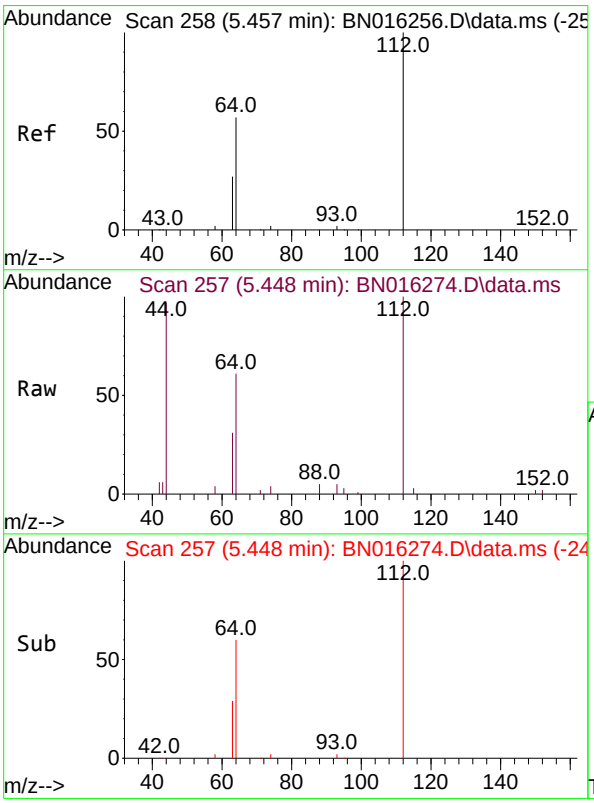


#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.742 min Scan# 72
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion: 42 Resp: 3506

Ion	Ratio	Lower	Upper
42	100		
74	140.8	113.6	170.4
44	0.0	0.0	0.0

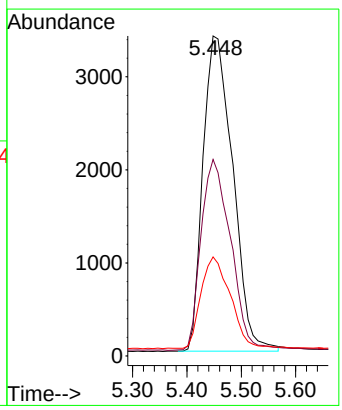


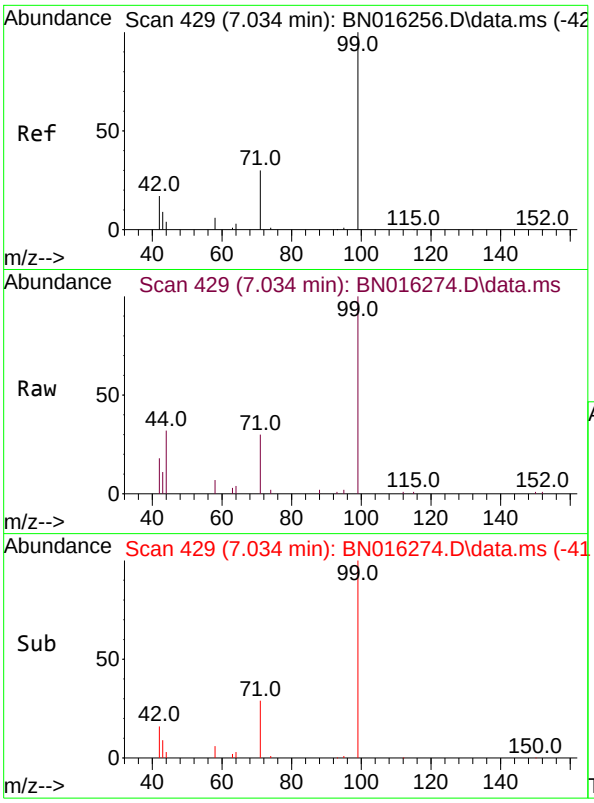


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.448 min Scan# 257
Delta R.T. -0.009 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:112 Resp: 12907

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.3	70.9
63	28.6	23.4	35.0

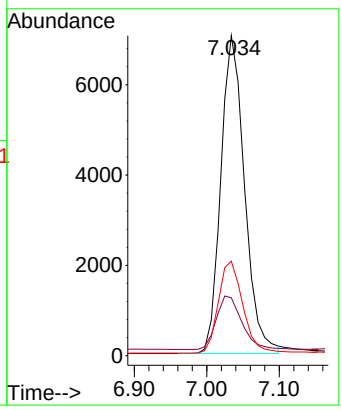




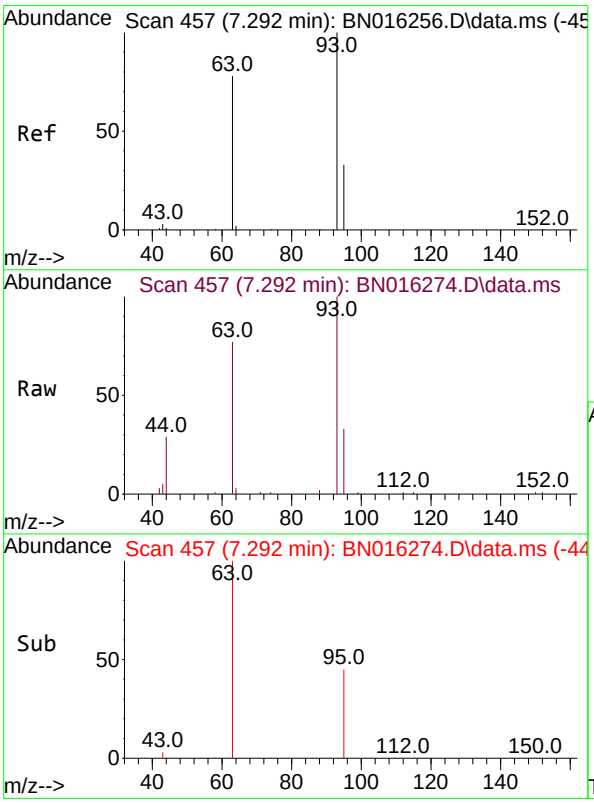
#5
Phenol-d6
Concen: 0.383 ng
RT: 7.034 min Scan# 429
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion: 99 Resp: 16026

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.0	21.0
71	29.7	23.8	35.6



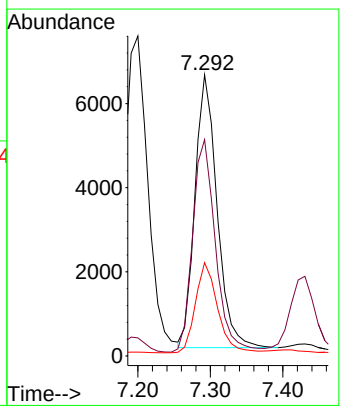
Instrument :
BNA_N
ClientSampleId :
PB138734BS



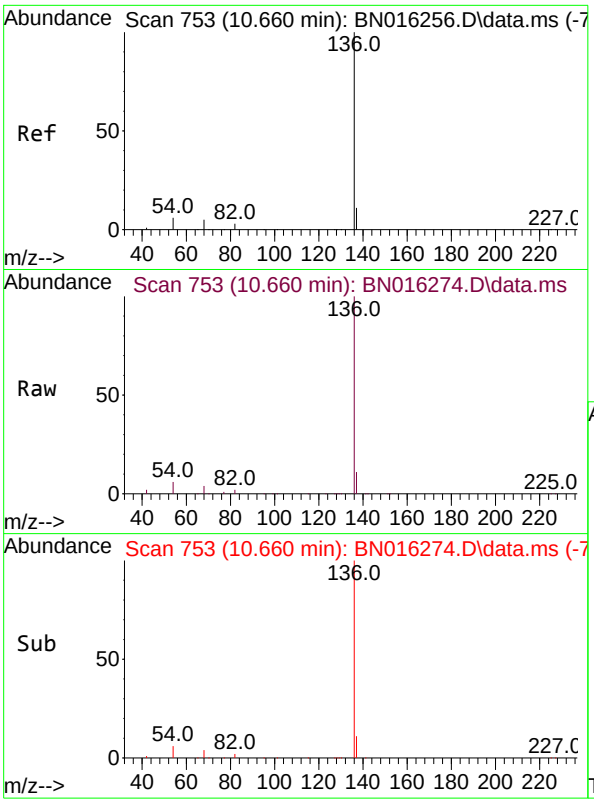
#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.292 min Scan# 457
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion: 93 Resp: 13750

Ion	Ratio	Lower	Upper
93	100		
63	80.9	63.4	95.0
95	33.0	26.8	40.2



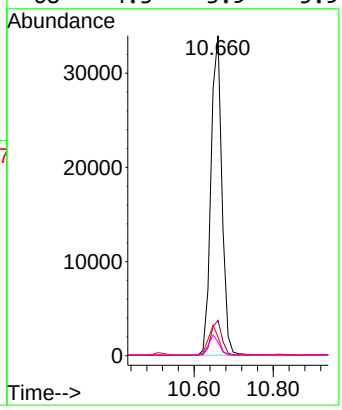
Instrument :
BNA_N
ClientSampleId :
PB138734BS

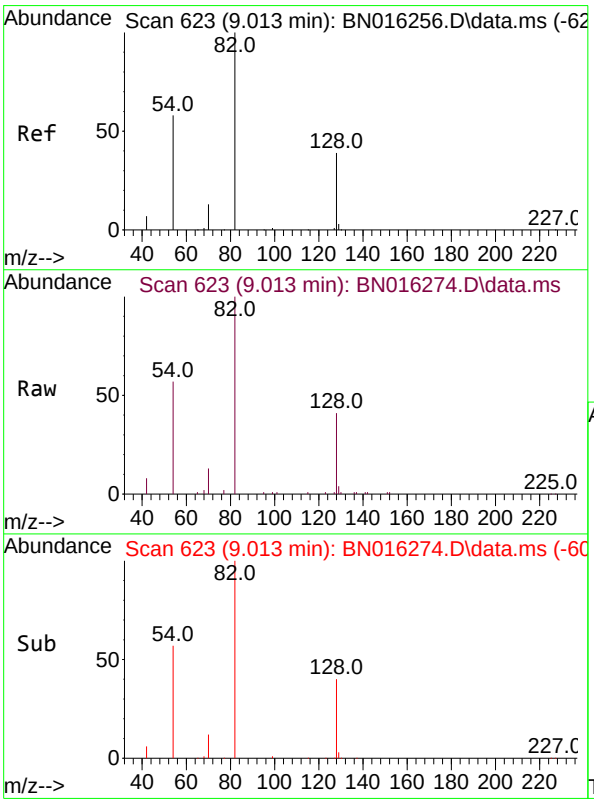


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:136 Resp: 65510

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.8	5.3	7.9
68	4.3	3.9	5.9

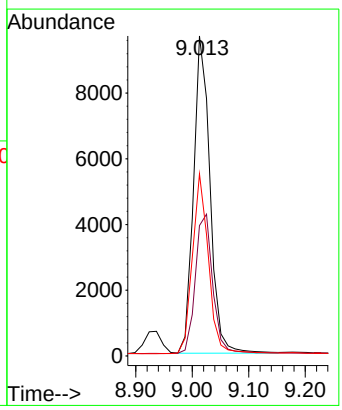




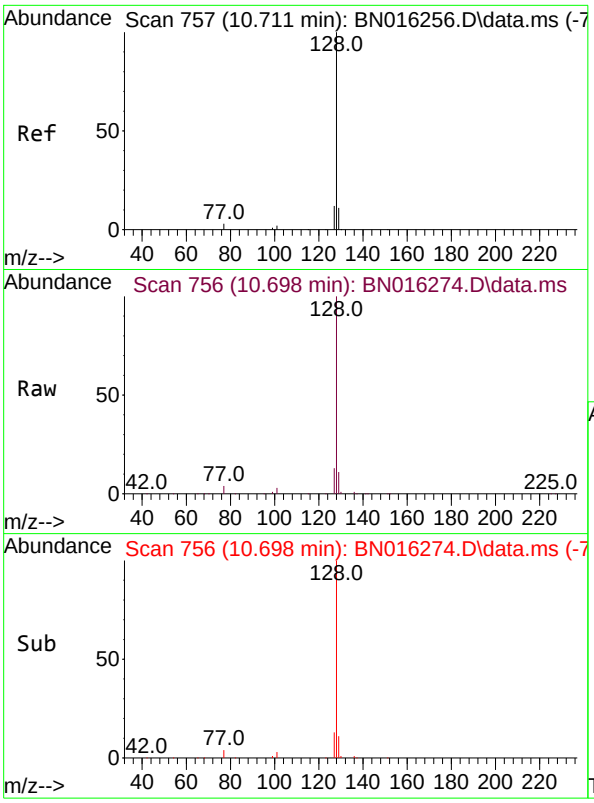
#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 9.013 min Scan# 623
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion: 82 Resp: 19593

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.7	47.5
54	56.9	46.4	69.6



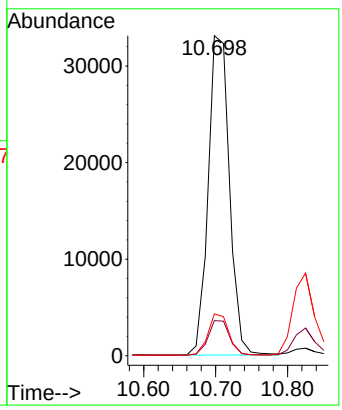
Instrument :
BNA_N
ClientSampleId :
PB138734BS

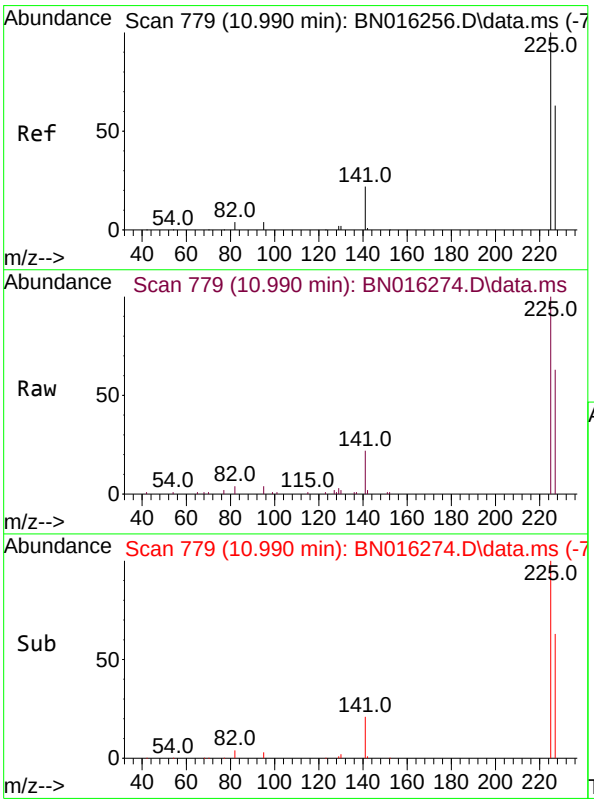


#9
Naphthalene
Concen: 0.388 ng
RT: 10.698 min Scan# 756
Delta R.T. -0.013 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:128 Resp: 67951

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.1	15.1

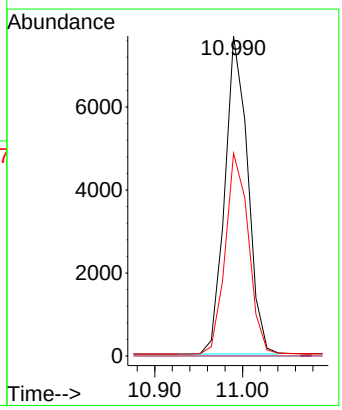




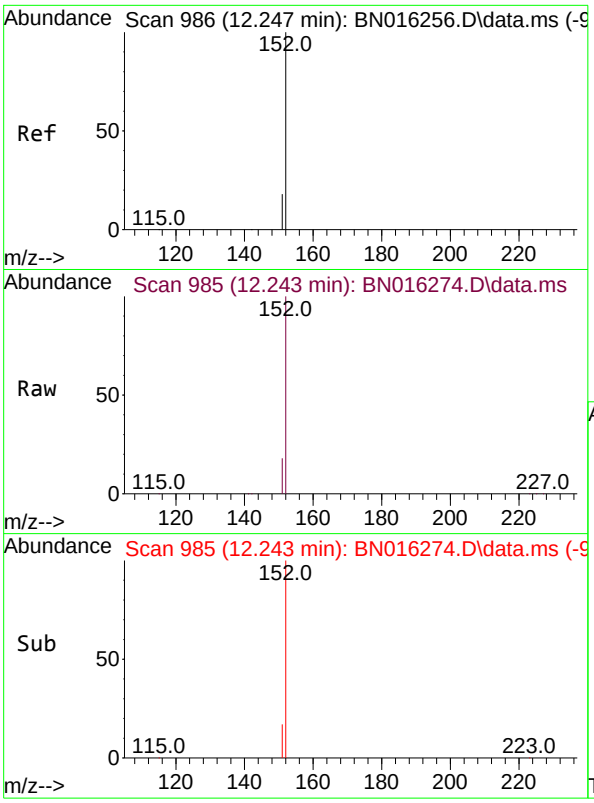
#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.990 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:225 Resp: 13834

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.5	77.3



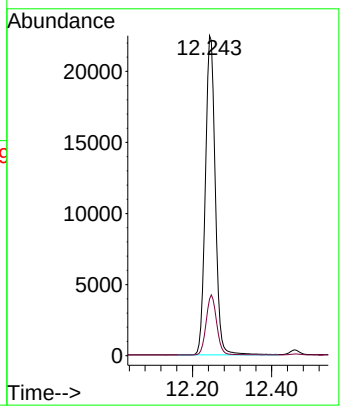
Instrument :
BNA_N
ClientSampleId :
PB138734BS

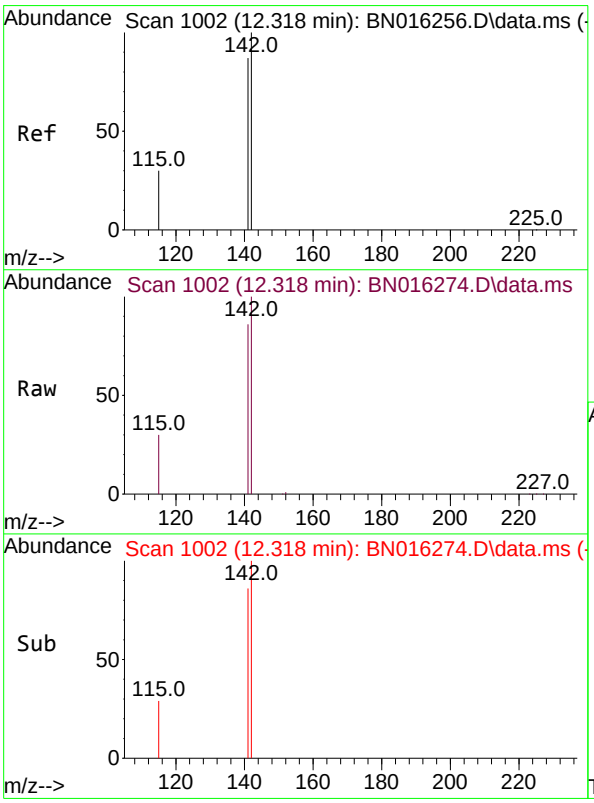


#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.243 min Scan# 985
Delta R.T. -0.004 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:152 Resp: 38924

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1

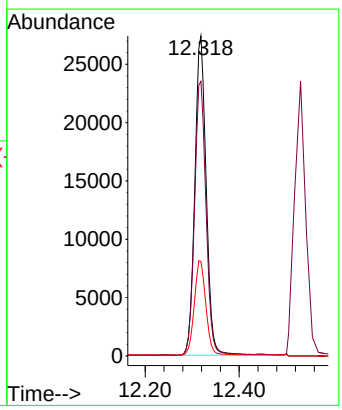




#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.318 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:142 Resp: 45972

Ion	Ratio	Lower	Upper
142	100		
141	85.8	69.8	104.8
115	29.6	24.4	36.6



Instrument :
BNA_N
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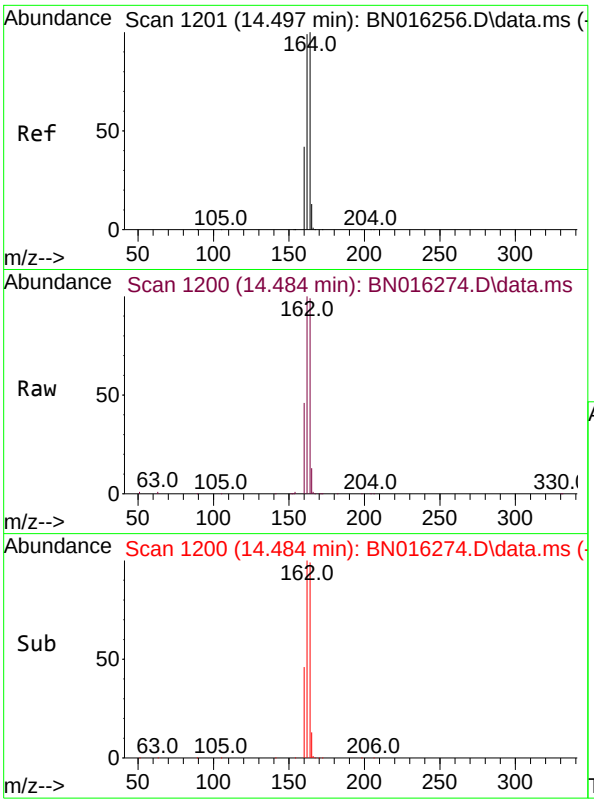
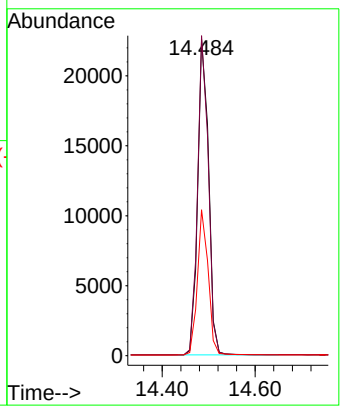
PB138734BS

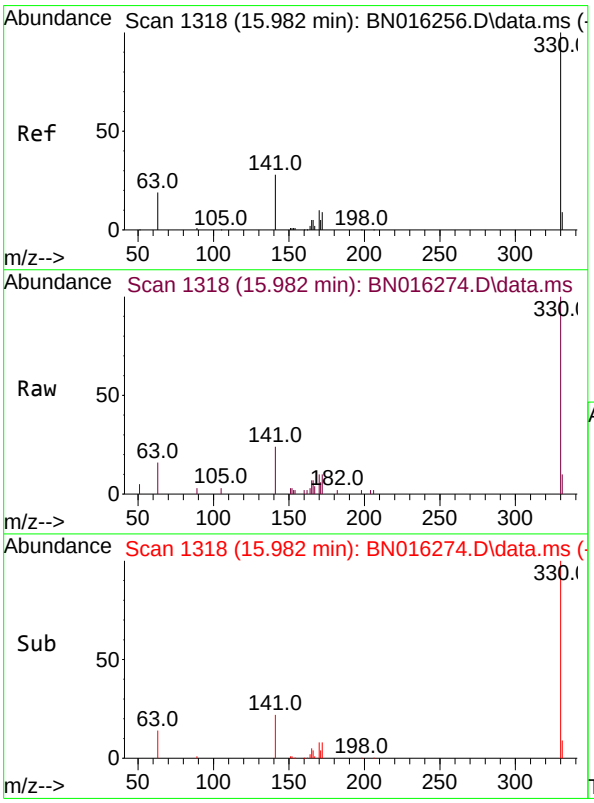


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.013 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:164 Resp: 36821

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.0	118.4
160	46.2	34.1	51.1

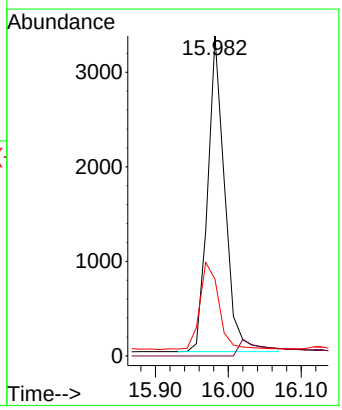




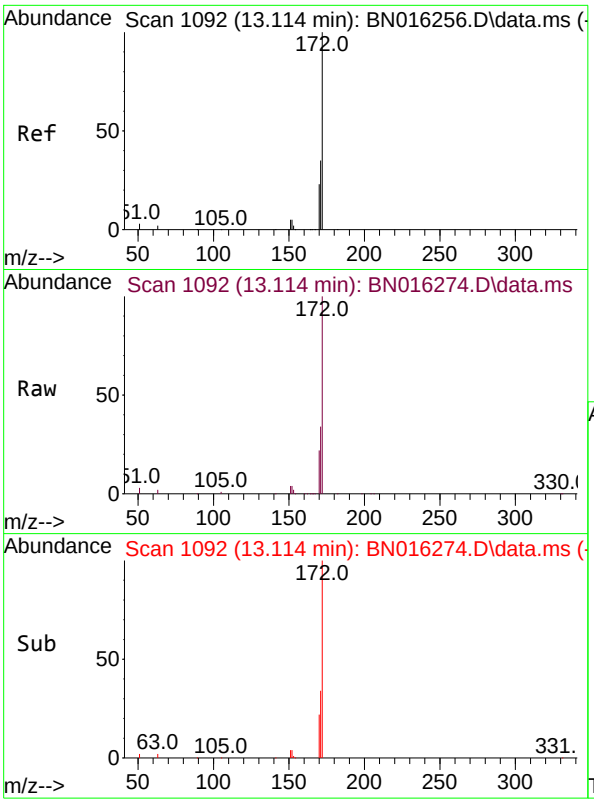
#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.982 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:330 Resp: 5419

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.8	25.0	37.4



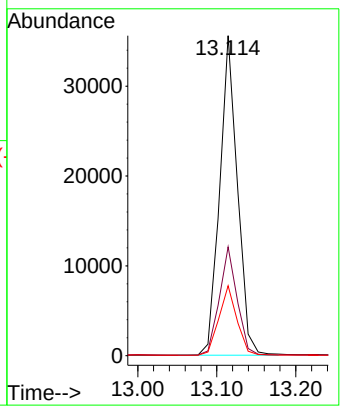
Instrument :
BNA_N
ClientSampleId :
PB138734BS

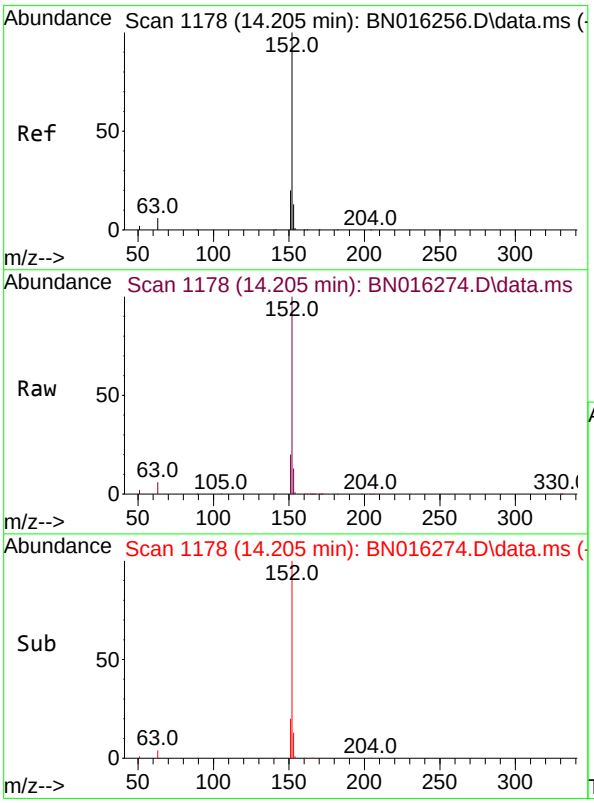


#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.114 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:172 Resp: 55560

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	21.8	18.2	27.2

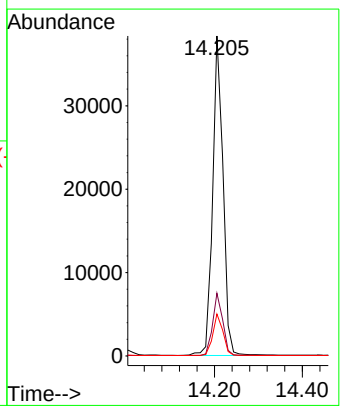




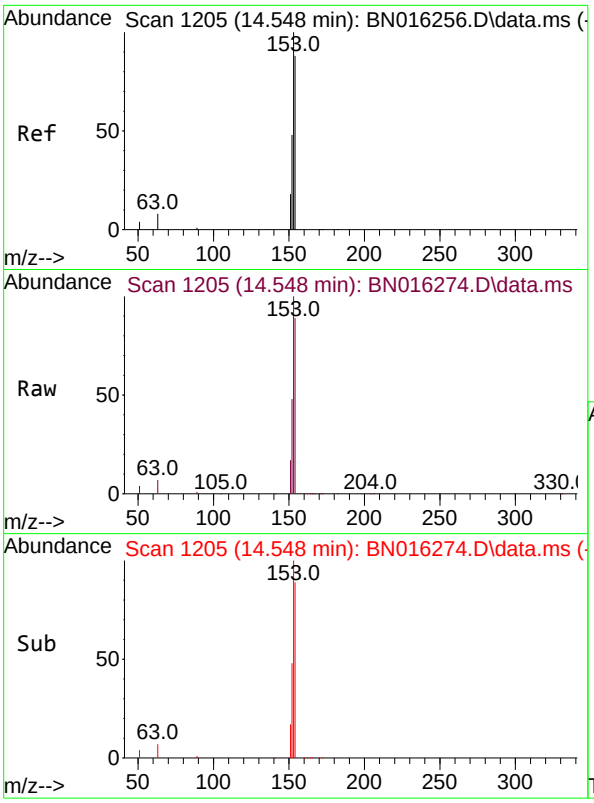
#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.205 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:152 Resp: 62550

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	12.9	10.5	15.7



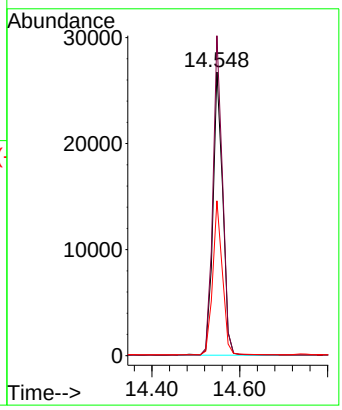
Instrument :
BNA_N
ClientSampleId :
PB138734BS

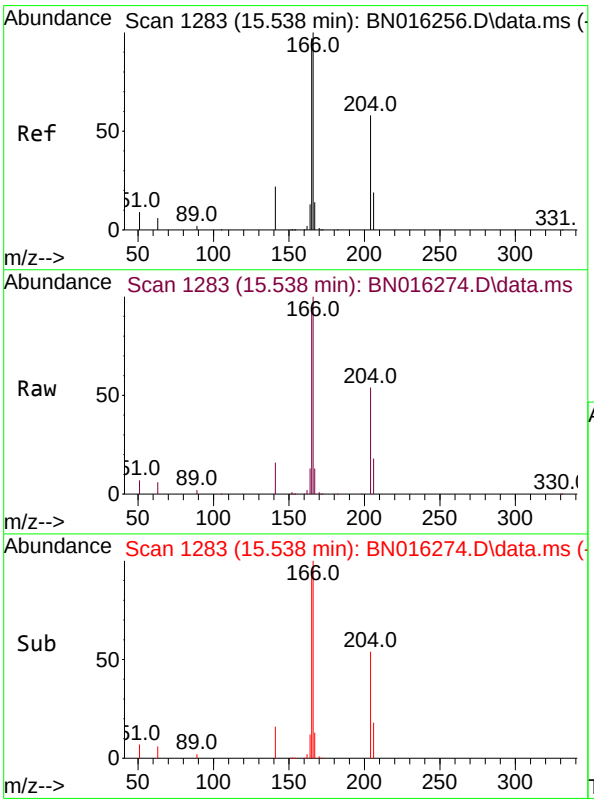


#17
Acenaphthene
Concen: 0.384 ng
RT: 14.548 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:154 Resp: 41032

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.3	133.9
152	53.7	42.2	63.4

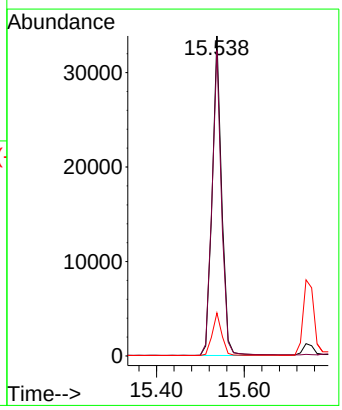




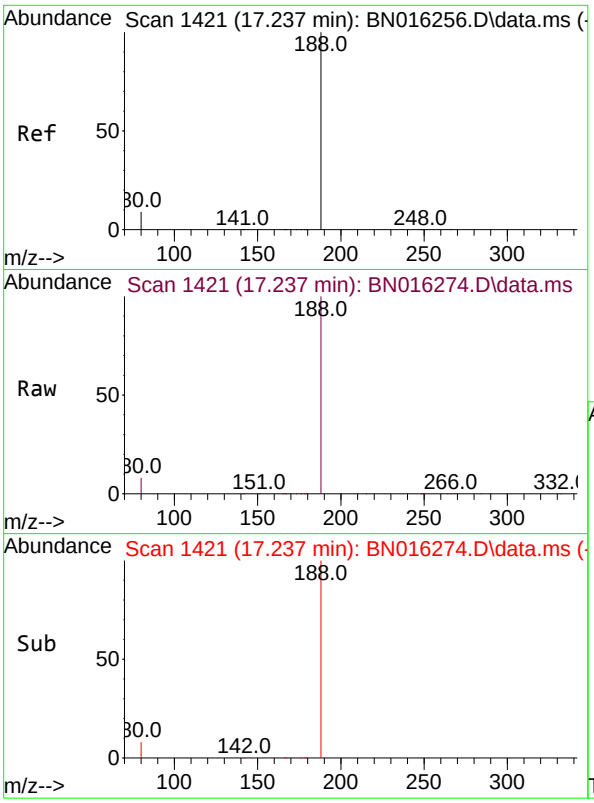
#18
Fluorene
Concen: 0.380 ng
RT: 15.538 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:166 Resp: 50327

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.7	115.1
167	13.4	10.9	16.3



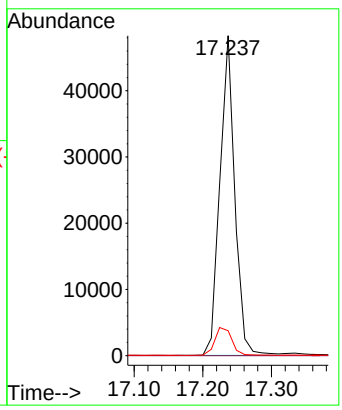
Instrument :
BNA_N
ClientSampleId :
PB138734BS

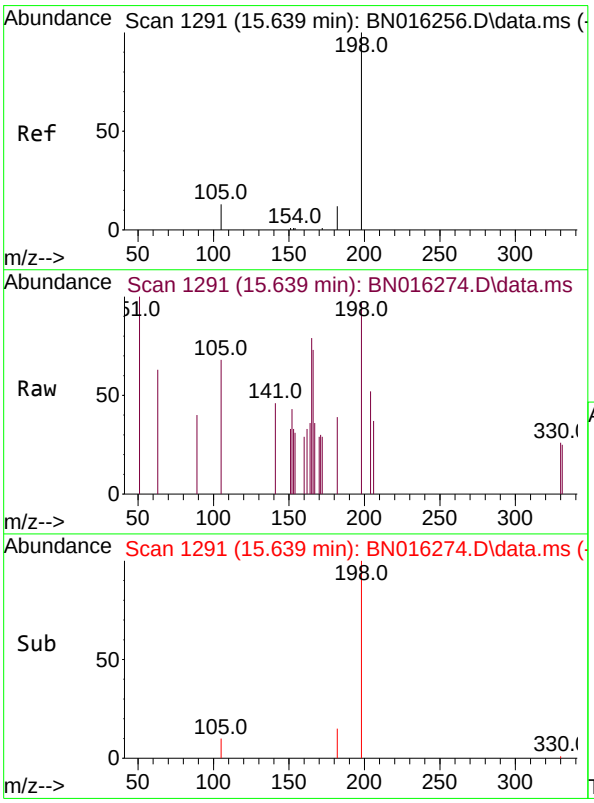


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:188 Resp: 72664

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.0	10.6

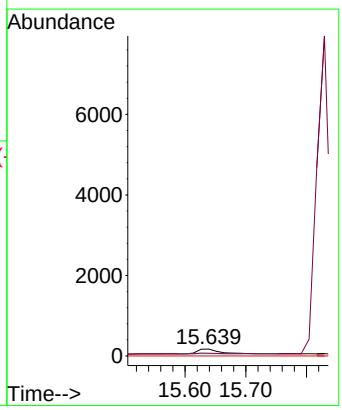




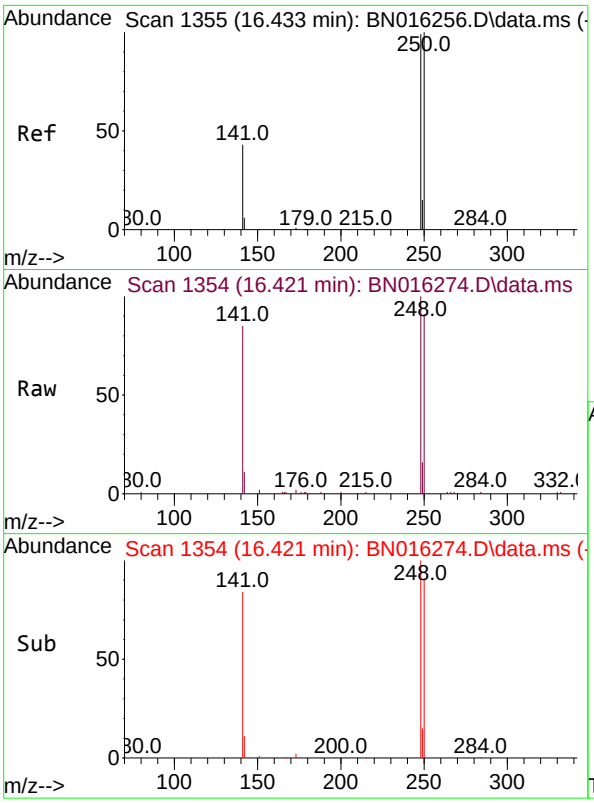
#20
4,6-Dinitro-2-methylphenol
Concen: 0.318 ng
RT: 15.639 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:198 Resp: 329

Ion	Ratio	Lower	Upper
198	100		
182	40.4	26.6	39.8#
77	0.0	0.0	0.0



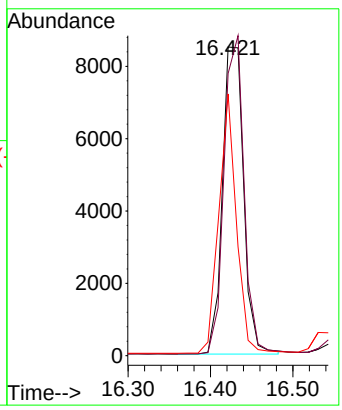
Instrument :
BNA_N
ClientSampleId :
PB138734BS

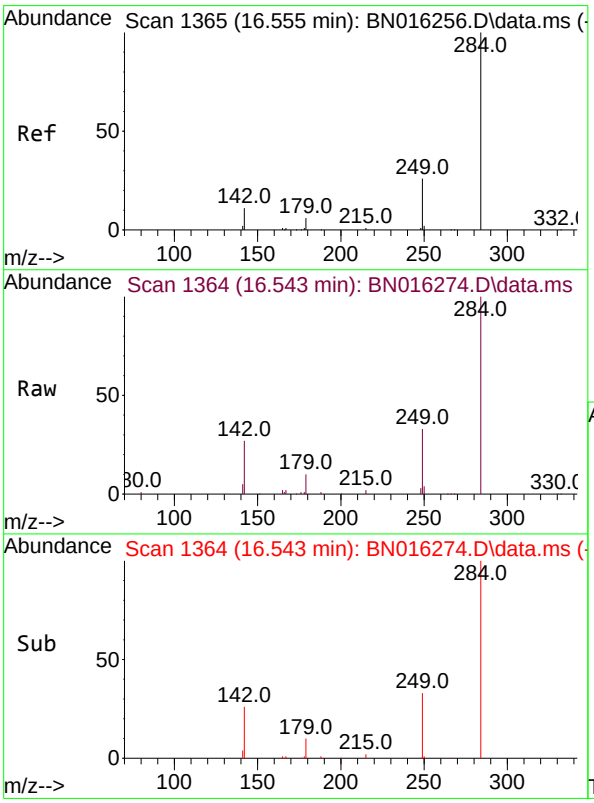


#21
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.421 min Scan# 1354
Delta R.T. -0.012 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:248 Resp: 15225

Ion	Ratio	Lower	Upper
248	100		
250	91.4	80.5	120.7
141	84.8	34.8	52.2#

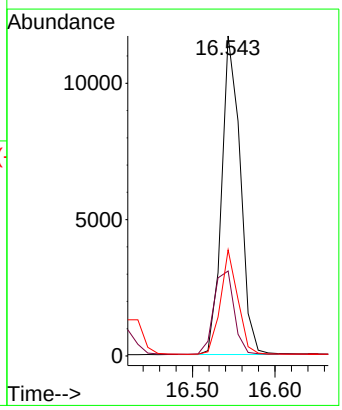




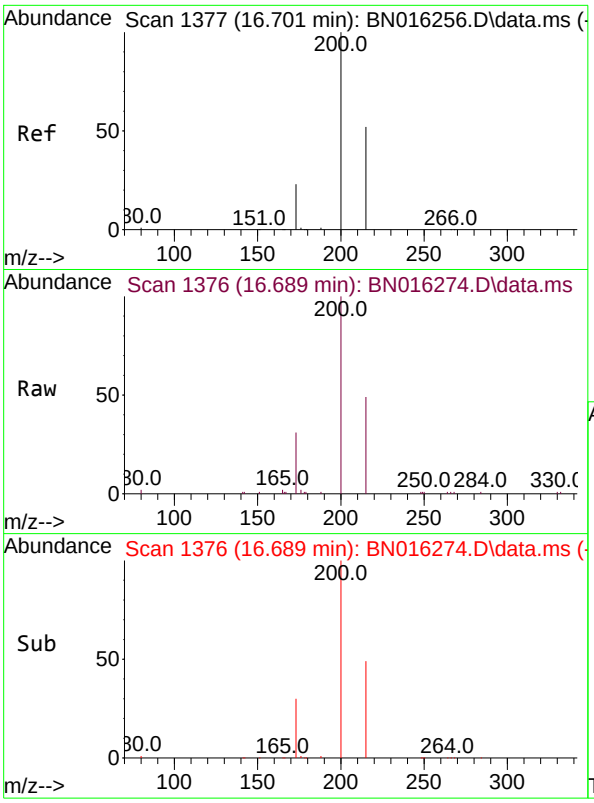
#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:284 Resp: 18373

Ion	Ratio	Lower	Upper
284	100		
142	28.6	22.6	34.0
249	30.4	24.4	36.6



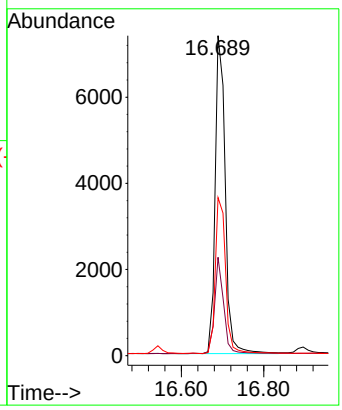
Instrument :
BNA_N
ClientSampleId :
PB138734BS

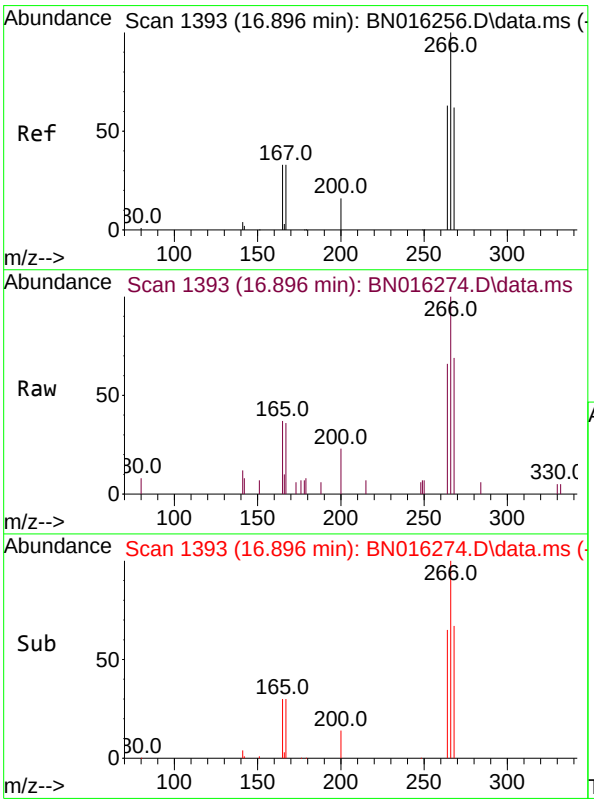


#23
Atrazine
Concen: 0.350 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:200 Resp: 12519

Ion	Ratio	Lower	Upper
200	100		
173	30.8	18.7	28.1#
215	49.4	41.6	62.4

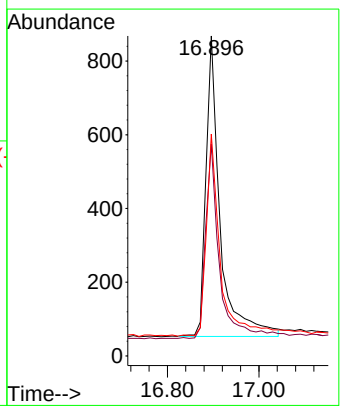




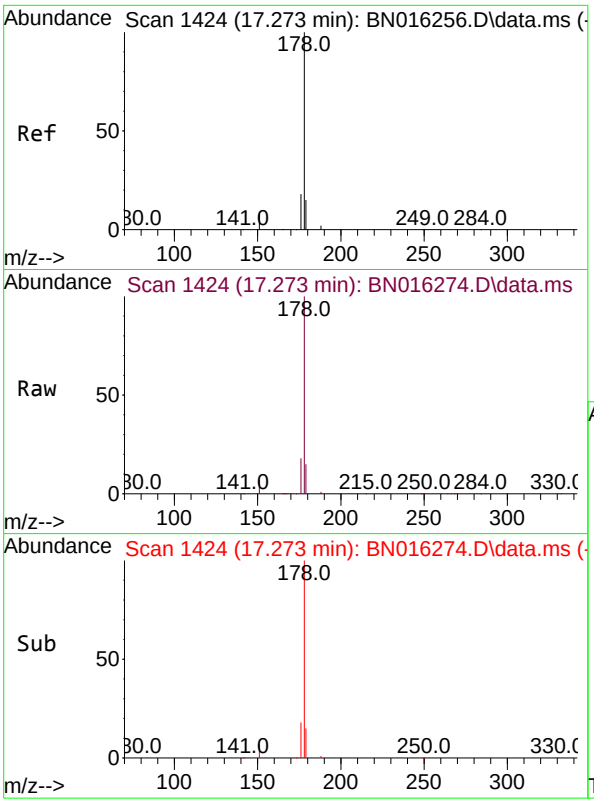
#24
Pentachlorophenol
Concen: 0.364 ng
RT: 16.896 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:266 Resp: 1747

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	75.8
268	65.9	52.6	79.0



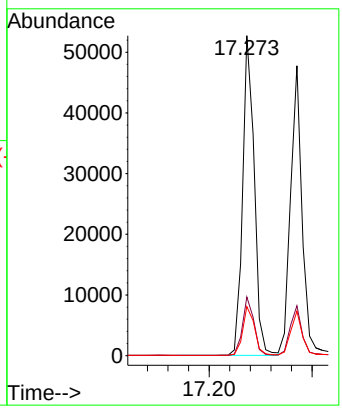
Instrument :
BNA_N
ClientSampleId :
PB138734BS

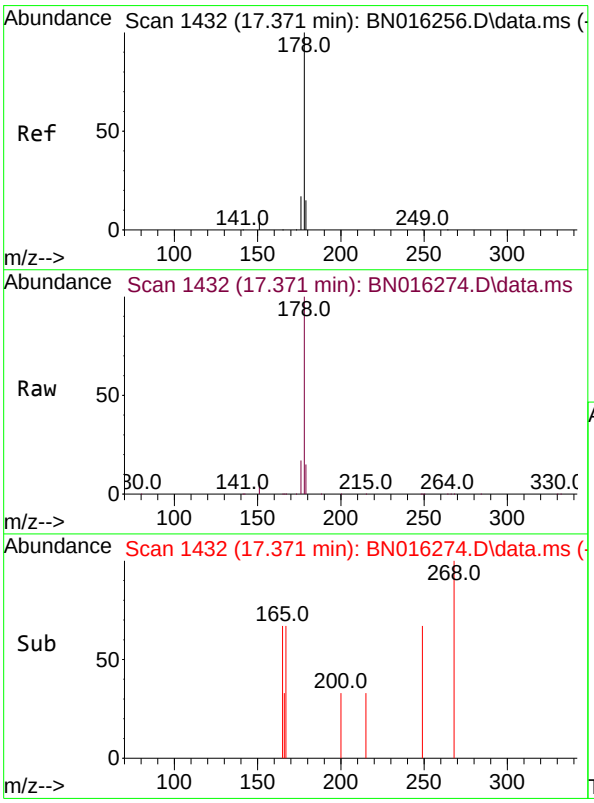


#25
Phenanthrene
Concen: 0.391 ng
RT: 17.273 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:178 Resp: 82487

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.6	12.2	18.4

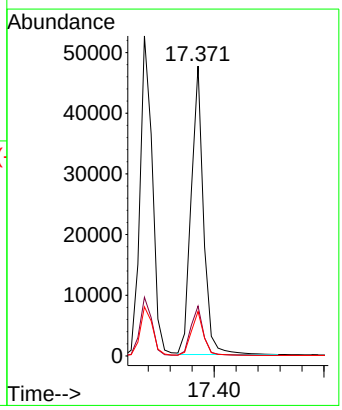




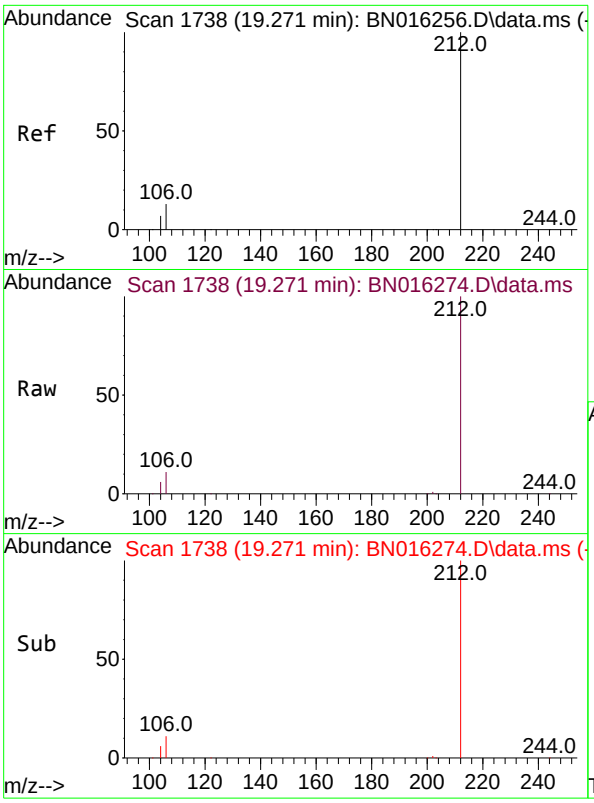
#26
Anthracene
Concen: 0.381 ng
RT: 17.371 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:178 Resp: 74049

Ion	Ratio	Lower	Upper
178	100		
176	17.5	13.9	20.9
179	15.3	12.2	18.4



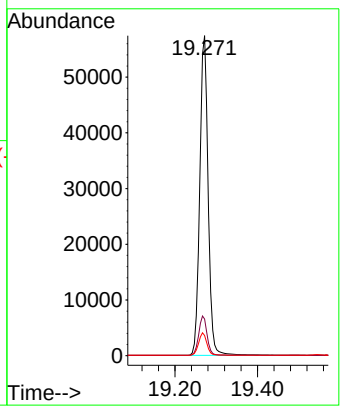
Instrument :
BNA_N
ClientSampleId :
PB138734BS

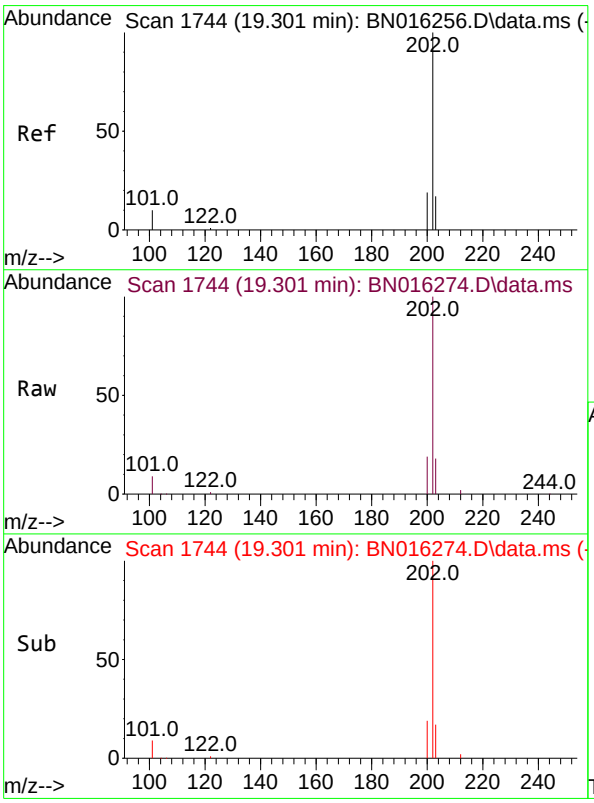


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.271 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:212 Resp: 80756

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.8	14.6
104	7.0	5.4	8.2

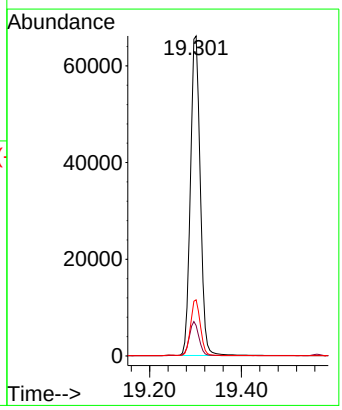




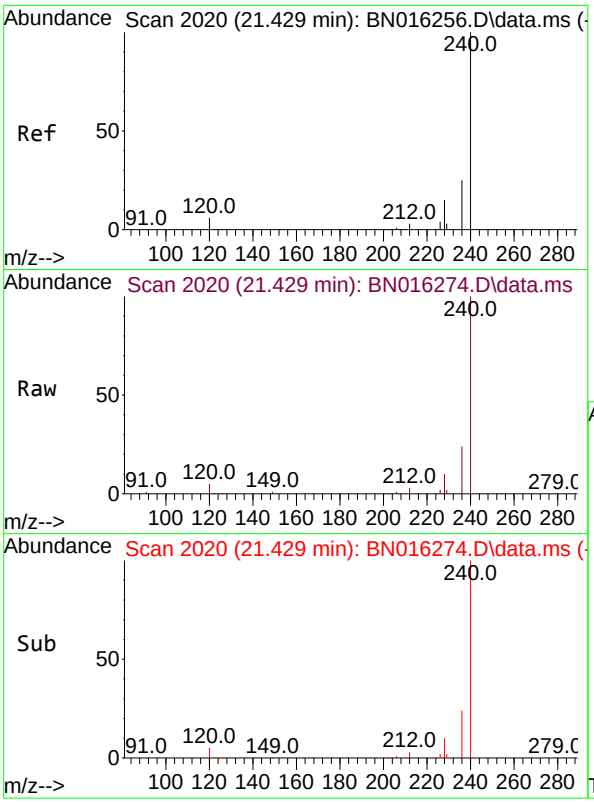
#28
Fluoranthene
Concen: 0.396 ng
RT: 19.301 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:202 Resp: 98117

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
203	17.3	13.8	20.8



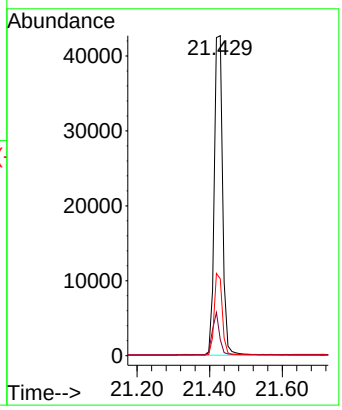
Instrument :
BNA_N
ClientSampleId :
PB138734BS

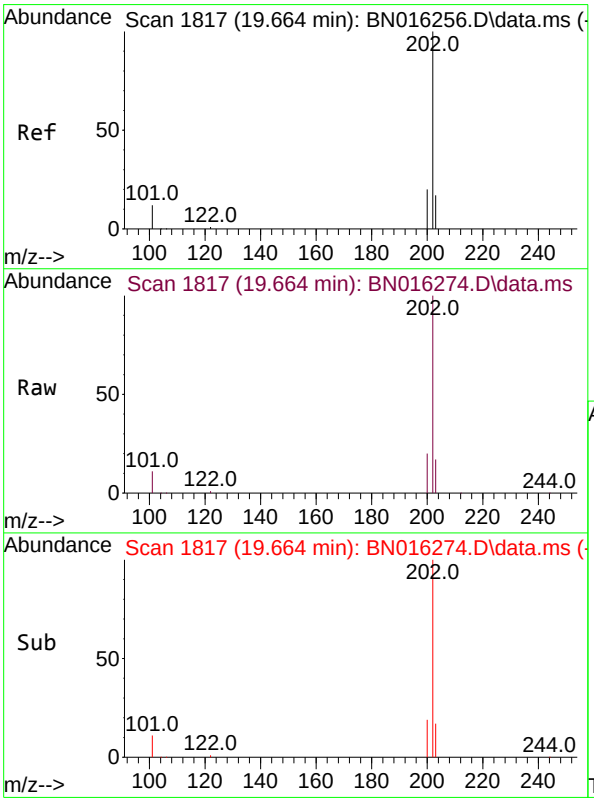


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.429 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:240 Resp: 68218

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.3	7.9#
236	24.0	19.8	29.8

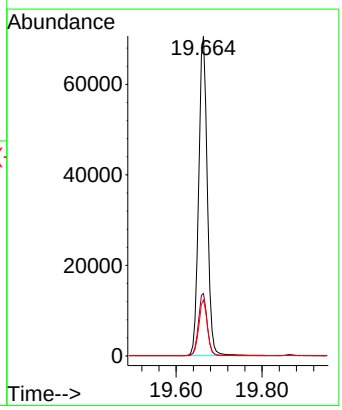




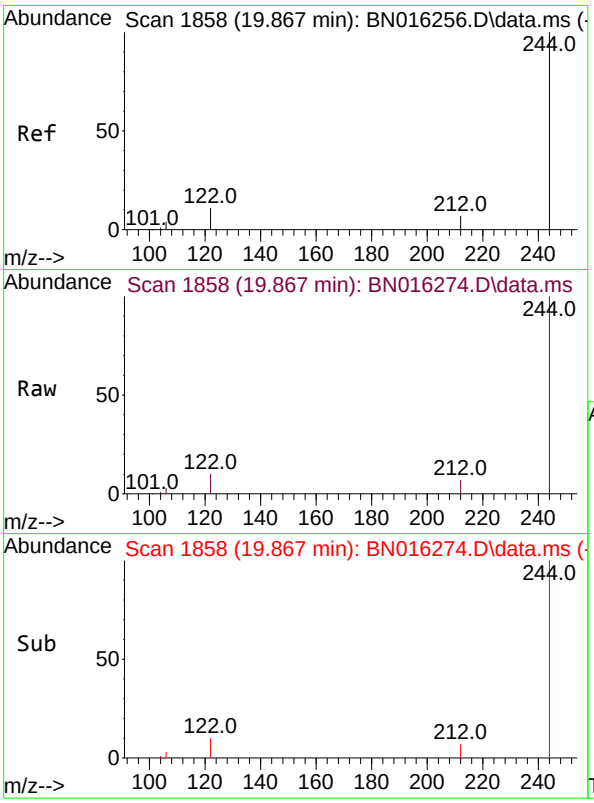
#30
Pyrene
Concen: 0.422 ng
RT: 19.664 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:202 Resp: 97691

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.8	23.6
203	17.4	13.9	20.9



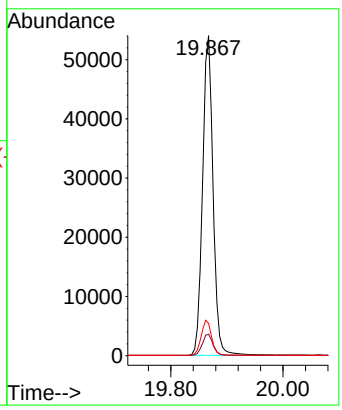
Instrument :
BNA_N
ClientSampleId :
PB138734BS

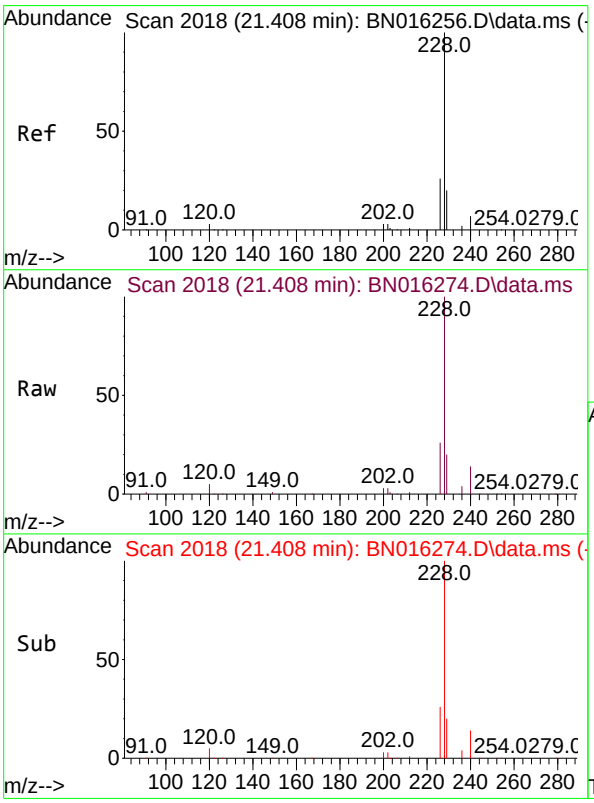


#31
Terphenyl-d14
Concen: 0.411 ng
RT: 19.867 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:244 Resp: 70265

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.1	9.0	13.4

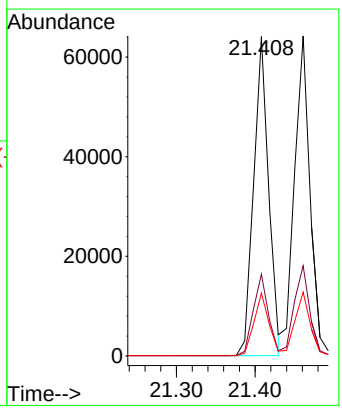




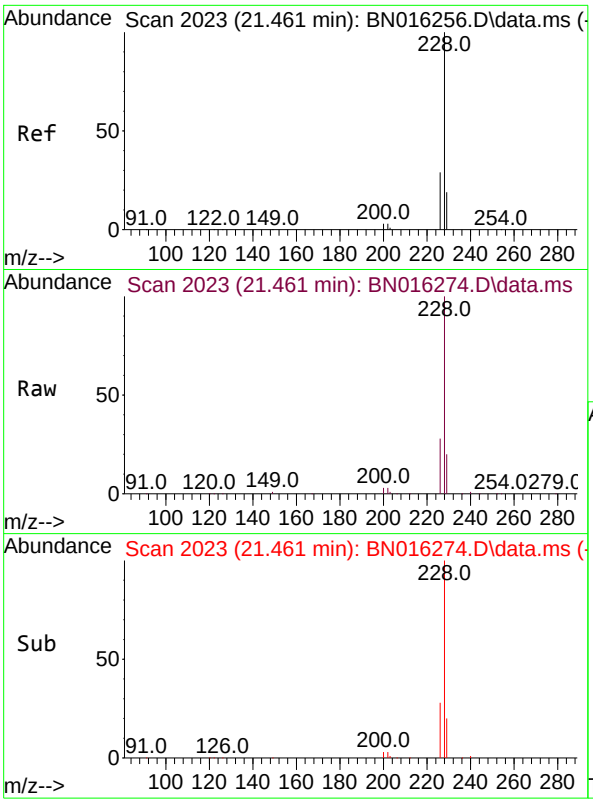
#32
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.408 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:228 Resp: 84516

Ion	Ratio	Lower	Upper
228	100		
226	25.6	20.8	31.2
229	19.7	15.8	23.6



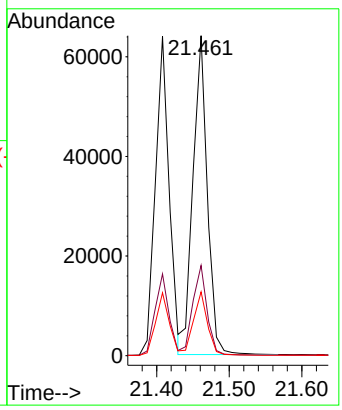
Instrument :
BNA_N
ClientSampleId :
PB138734BS

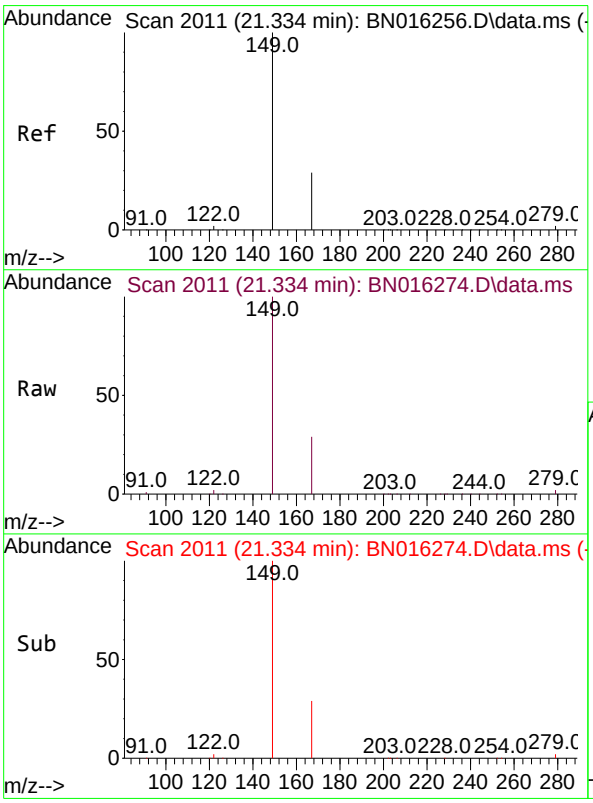


#33
Chrysene
Concen: 0.416 ng
RT: 21.461 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:228 Resp: 87742

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.4
229	19.9	15.6	23.4

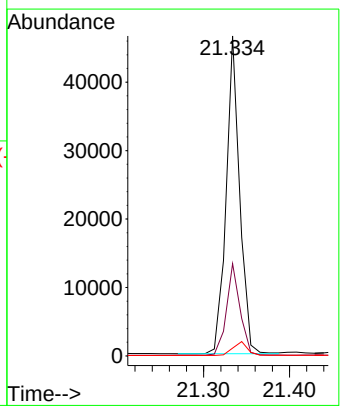


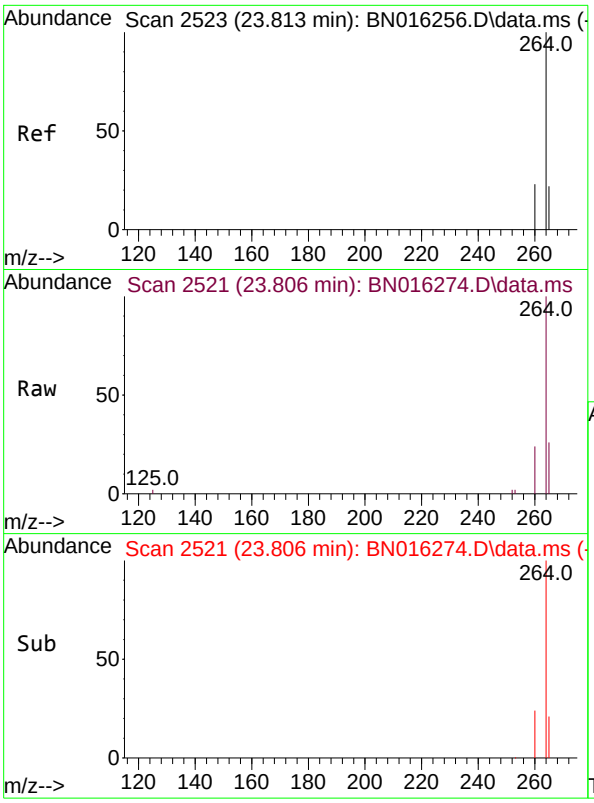


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.387 ng
RT: 21.334 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:149 Resp: 50653

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.6	3.9	5.9

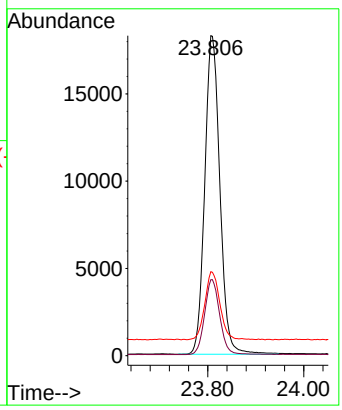




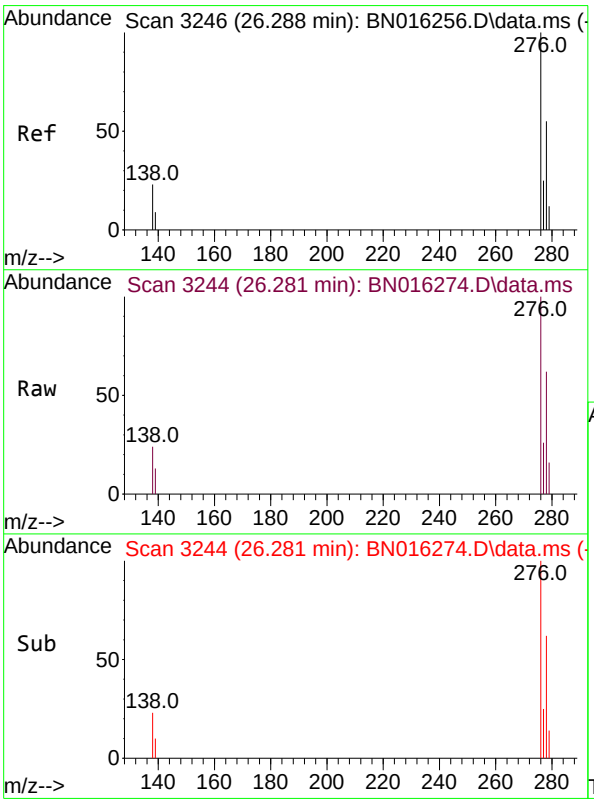
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.806 min Scan# 2521
Delta R.T. -0.007 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:264 Resp: 39866

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	26.3	23.7	35.5



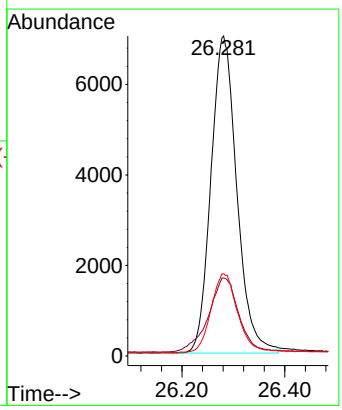
Instrument :
BNA_N
ClientSampleId :
PB138734BS



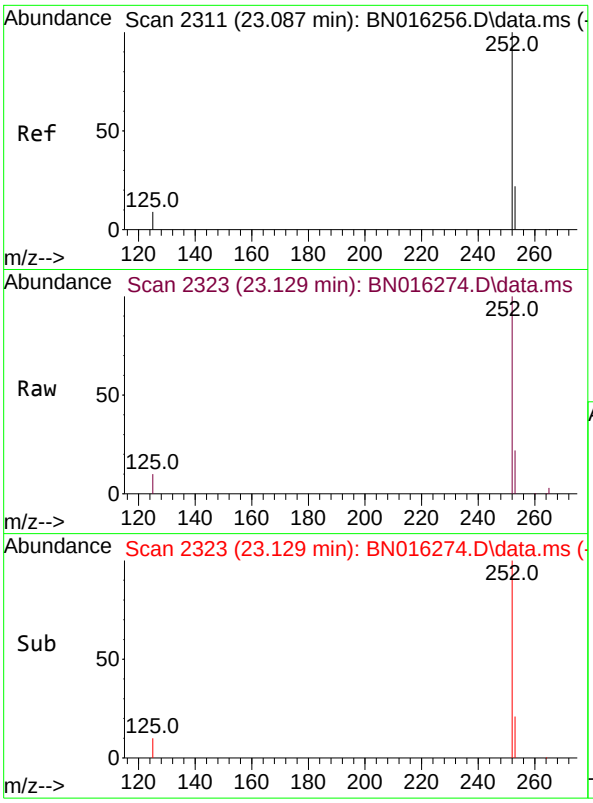
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 26.281 min Scan# 3244
Delta R.T. -0.007 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:276 Resp: 24490

Ion	Ratio	Lower	Upper
276	100		
138	26.0	19.3	28.9
277	25.1	20.2	30.2



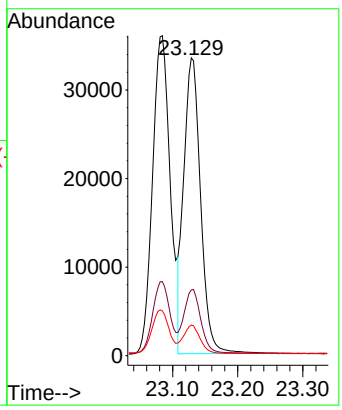
Instrument :
BNA_N
ClientSampleId :
PB138734BS

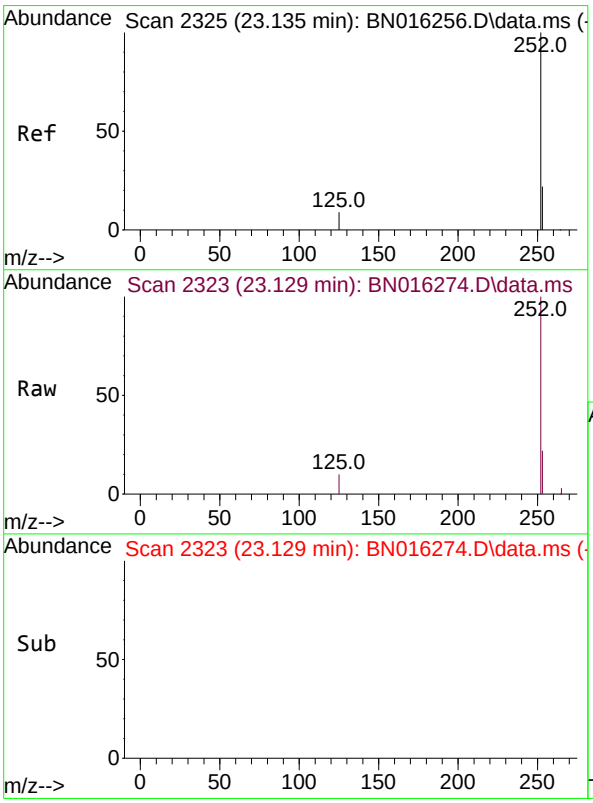


#37
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.129 min Scan# 2323
Delta R.T. 0.041 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:252 Resp: 60118

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.3	8.4	12.6

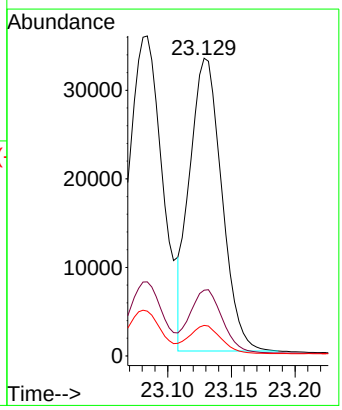




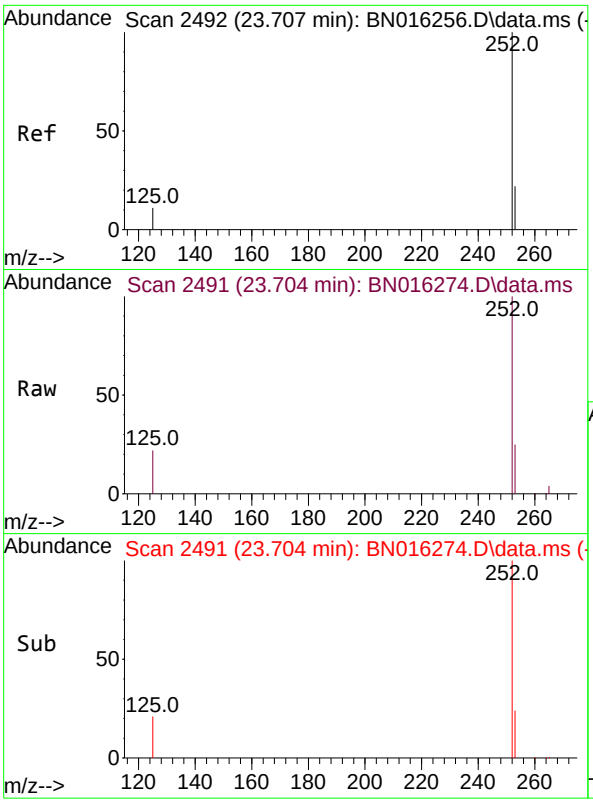
#38
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 23.129 min Scan# 2323
Delta R.T. -0.007 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:252 Resp: 58013

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.3	8.2	12.4



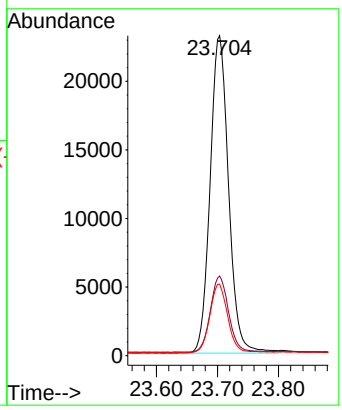
Instrument :
BNA_N
ClientSampleId :
PB138734BS

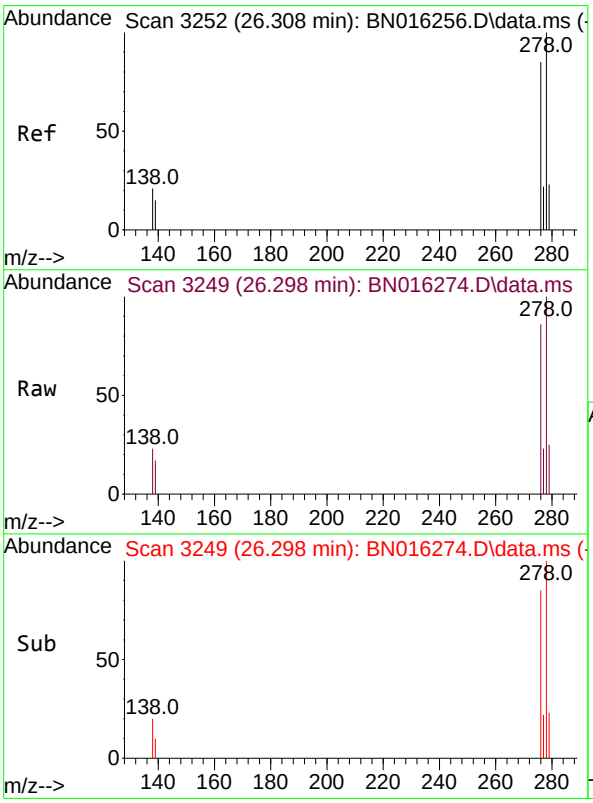


#39
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.704 min Scan# 2491
Delta R.T. -0.003 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:252 Resp: 48589

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.7	28.1
125	22.3	9.9	14.9#

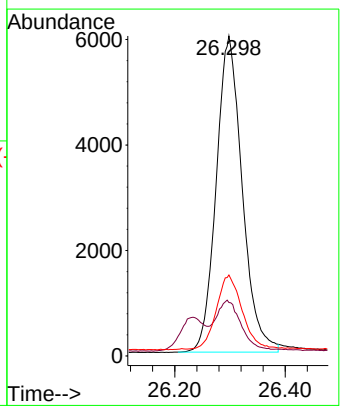


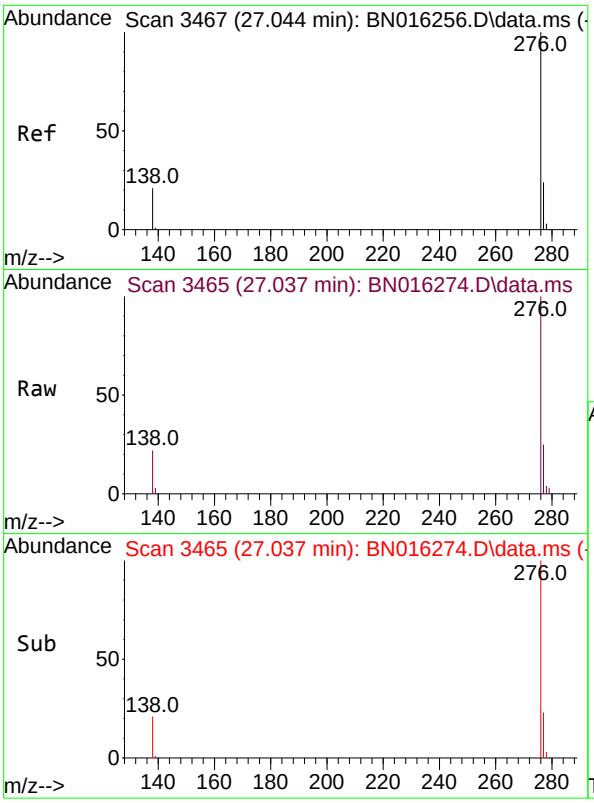


#40
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.298 min Scan# 3249
Delta R.T. -0.010 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:278 Resp: 19601

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.2	21.2
279	25.3	21.3	31.9

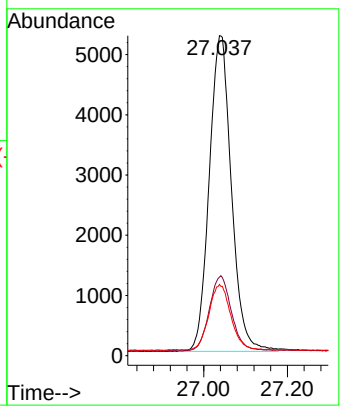




#41
Benzo(g,h,i)perylene
Concen: 0.349 ng
RT: 27.037 min Scan# 3465
Delta R.T. -0.007 min
Lab File: BN016274.D
Acq: 10 Sep 2021 02:42

Tgt Ion:276 Resp: 19229

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.5	30.7
138	22.2	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
PB138734BS