Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016823.D
Acq On : 08 Oct 2021 00:55
Operator : CG/JU
Sample : M4020-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-820-N-SO-1-1.5-093021MS

Quant Time: Oct 08 05:20:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	20251	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	92731	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	48636	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	92654	0.400	ng	0.00
29) Chrysene-d12	21.206	240	91756	0.400	ng	#-0.01
35) Perylene-d12	23.450	264	103737	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	17102	0.338	ng	0.04
5) Phenol-d6	6.812	99	18799	0.327	ng	0.02
8) Nitrobenzene-d5	8.759	82	20216	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	52749	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	7082	0.281	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	57442	0.293	ng	0.00
27) Fluoranthene-d10	19.043	212	87395	0.340	ng	0.00
31) Terphenyl-d14	19.653	244	65567	0.328	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.557	42	6544	0.412	ng	# 94
6) bis(2-Chloroethyl)ether	7.052	93	23076	0.412	ng	100
9) Naphthalene	10.432	128	96987	0.384	ng	100
10) Hexachlorobutadiene	10.723	225	17897	0.371	ng	# 100
12) 2-Methylnaphthalene	12.051	142	63318	0.392	ng	100
16) Acenaphthylene	13.964	152	82631	0.385	ng	100
17) Acenaphthene	14.307	154	53338	0.374	ng	100
18) Fluorene	15.296	166	65388	0.377	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	2691	0.314	ng	# 69
21) 4-Bromophenyl-phenylether	16.202	248	23013	0.398	ng	# 91
22) Hexachlorobenzene	16.311	284	24788	0.376	ng	99
23) Atrazine	16.482	200	17811	0.388	ng	99
24) Pentachlorophenol	16.652	266	4641	0.252	ng	99
25) Phenanthrene	17.042	178	112824	0.410	ng	100
26) Anthracene	17.127	178	98690	0.404	ng	99
28) Fluoranthene	19.073	202	134878	0.436	ng	100
30) Pyrene	19.435	202	137103	0.486	ng	99
32) Benzo(a)anthracene	21.195	228	126305	0.445	ng	97
33) Chrysene	21.248	228	125121	0.433	ng	97
34) Bis(2-ethylhexyl)phtha...	21.142	149	967070	6.706	ng	100
36) Indeno(1,2,3-cd)pyrene	25.712	276	168105	0.428	ng	99
37) Benzo(b)fluoranthene	22.776	252	143857	0.438	ng	99
38) Benzo(k)fluoranthene	22.820	252	129953	0.407	ng	# 97
39) Benzo(a)pyrene	23.351	252	134924	0.450	ng	99
40) Dibenzo(a,h)anthracene	25.733	278	134980	0.420	ng	99
41) Benzo(g,h,i)perylene	26.404	276	145801	0.427	ng	100

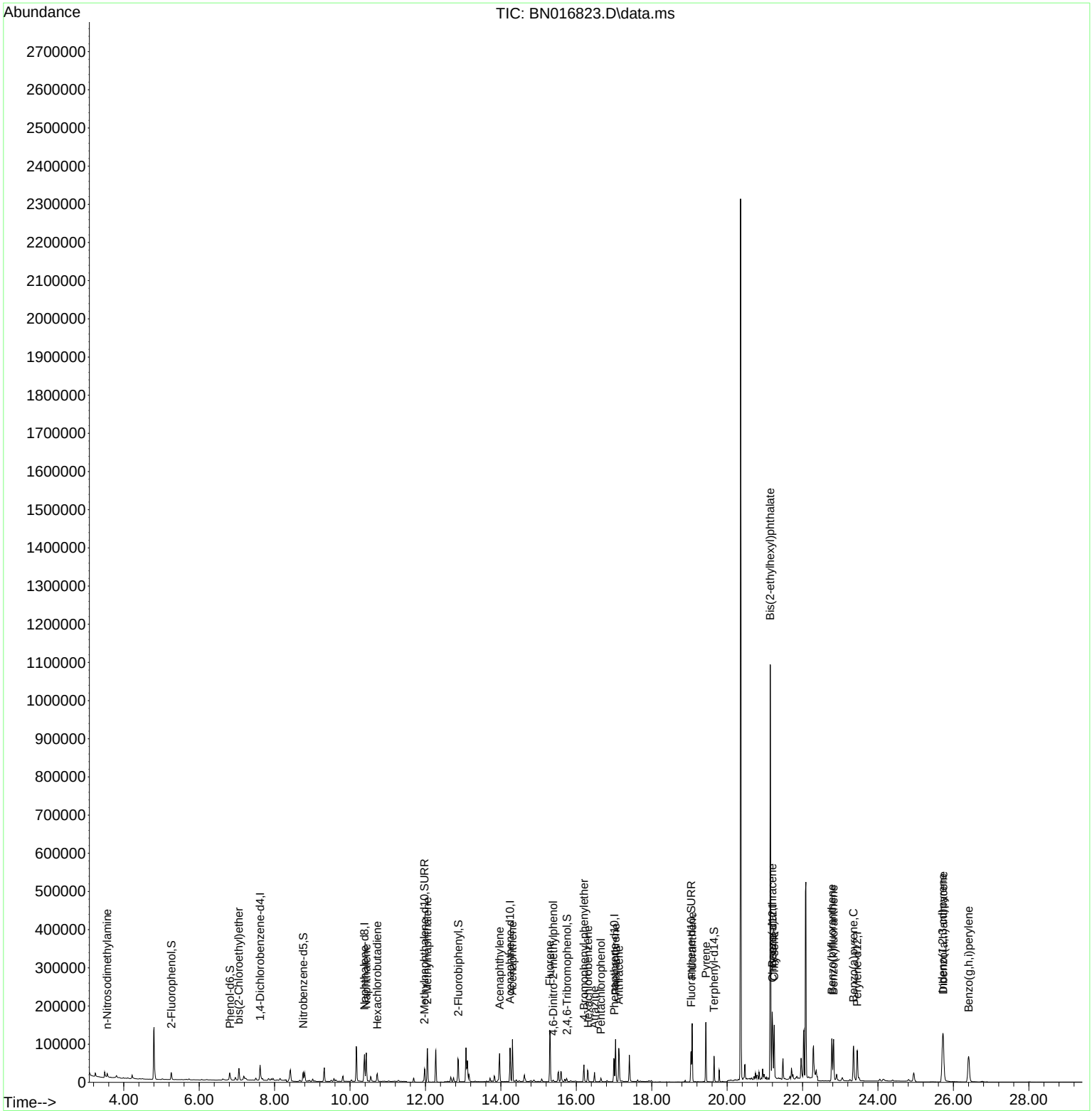
(#) = qualifier out of range (m) = manual integration (+) = signals summed

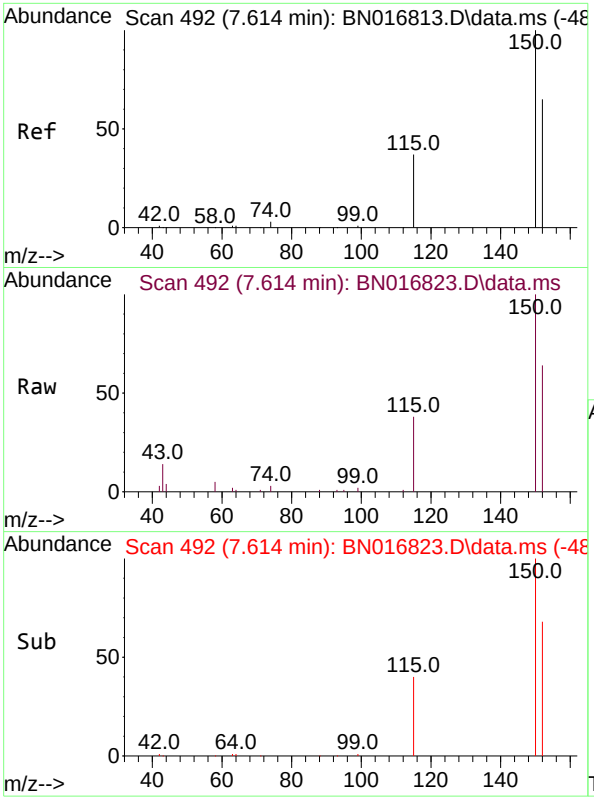
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016823.D
Acq On : 08 Oct 2021 00:55
Operator : CG/JU
Sample : M4020-13MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

Quant Time: Oct 08 05:20:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

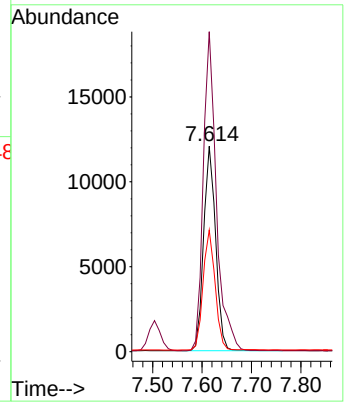




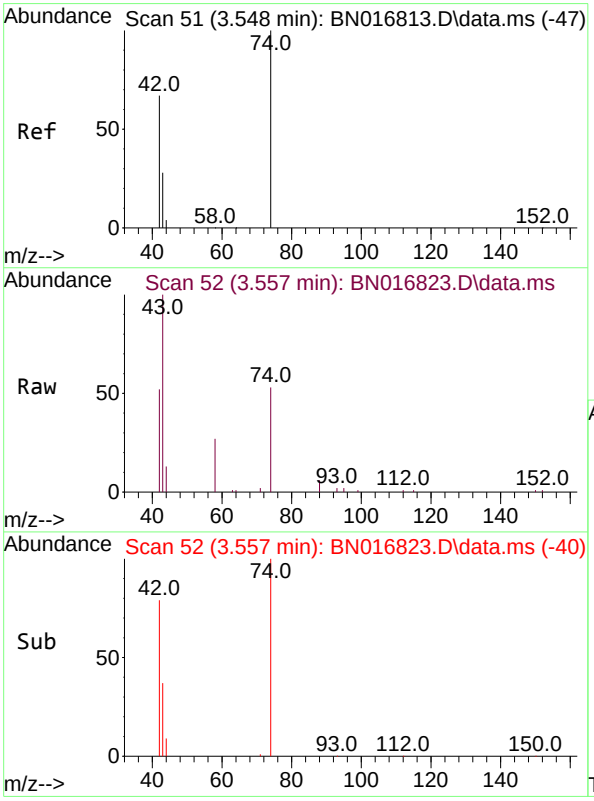
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.614 min Scan# 492
Delta R.T. 0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:152 Resp: 20251

Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.3	184.9
115	59.2	47.0	70.6



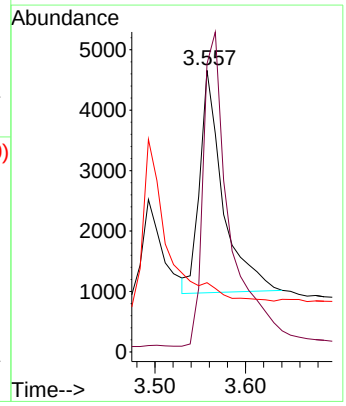
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

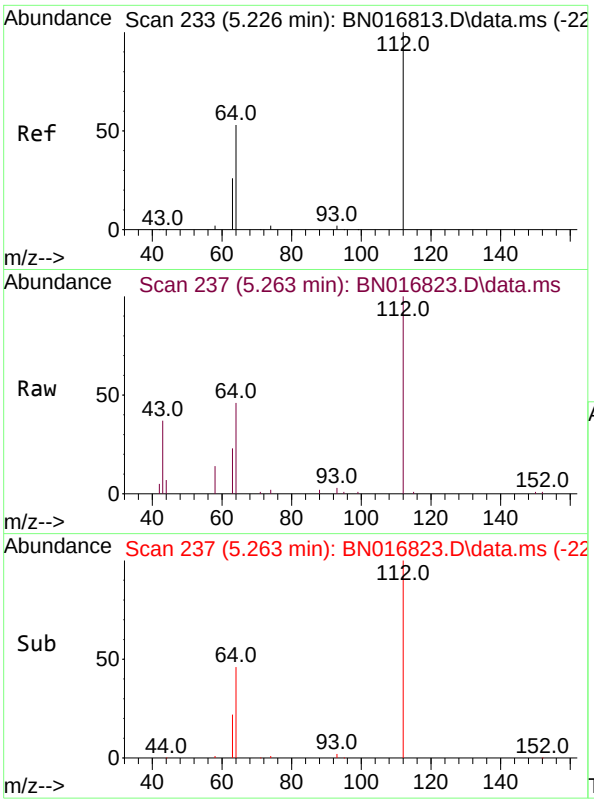


#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.557 min Scan# 52
Delta R.T. 0.009 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion: 42 Resp: 6544

Ion	Ratio	Lower	Upper
42	100		
74	162.5	124.0	186.0
44	0.0	5.6	8.4#

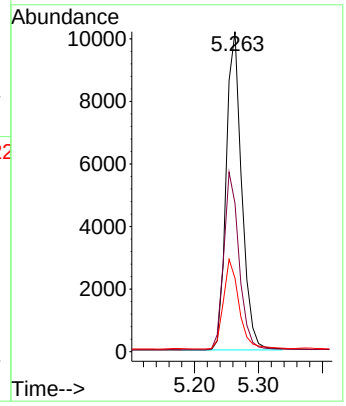




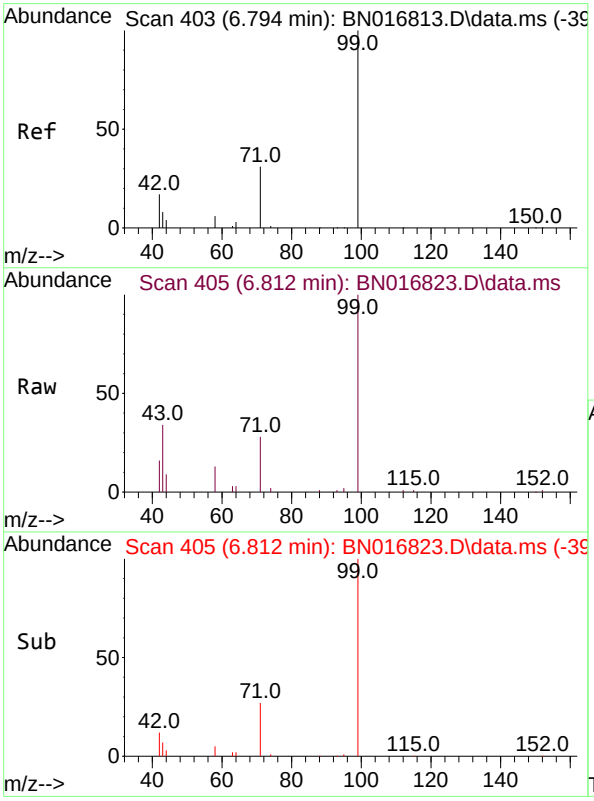
#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.037 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:112 Resp: 17102

Ion	Ratio	Lower	Upper
112	100		
64	55.1	42.9	64.3
63	28.3	21.5	32.3



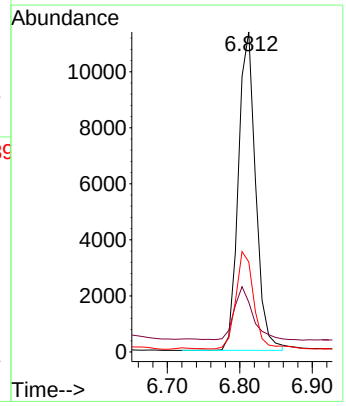
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

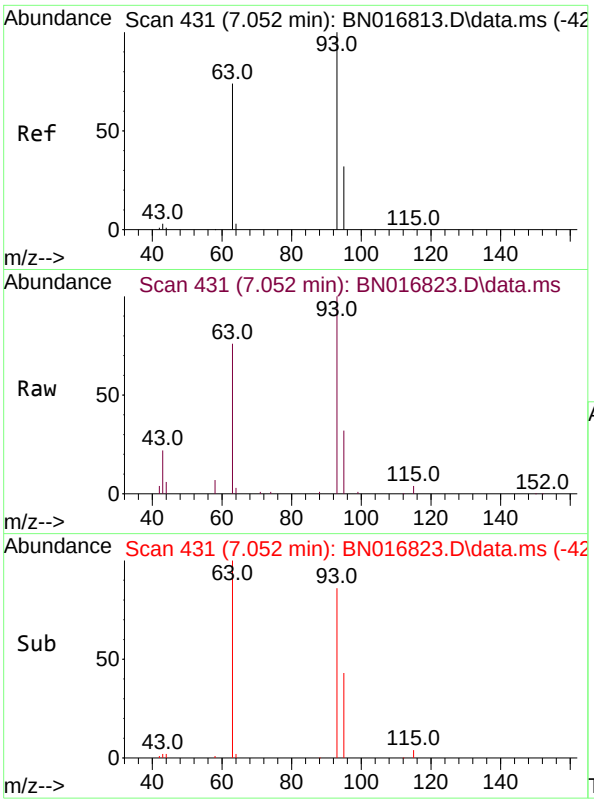


#5
Phenol-d6
Concen: 0.327 ng
RT: 6.812 min Scan# 405
Delta R.T. 0.018 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion: 99 Resp: 18799

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.2
71	31.3	24.0	36.0

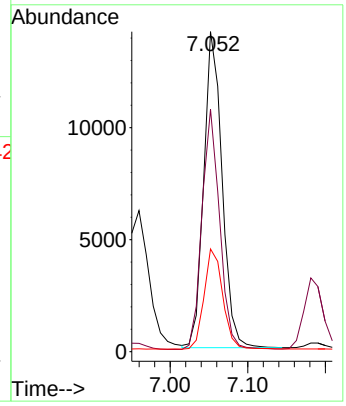




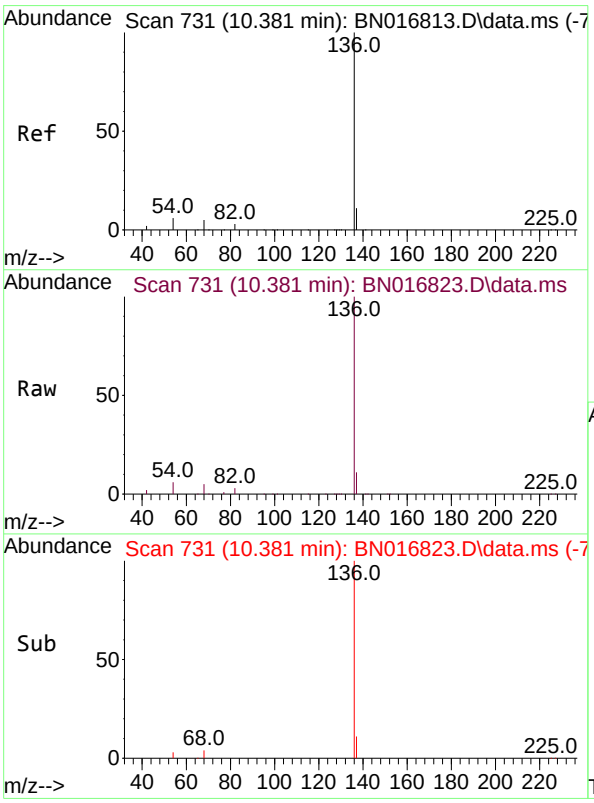
#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.052 min Scan# 431
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion: 93 Resp: 23076

Ion	Ratio	Lower	Upper
93	100		
63	73.9	59.0	88.6
95	32.4	26.4	39.6



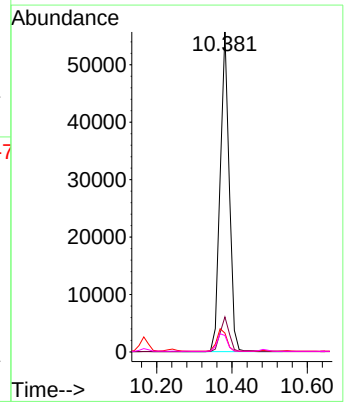
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS



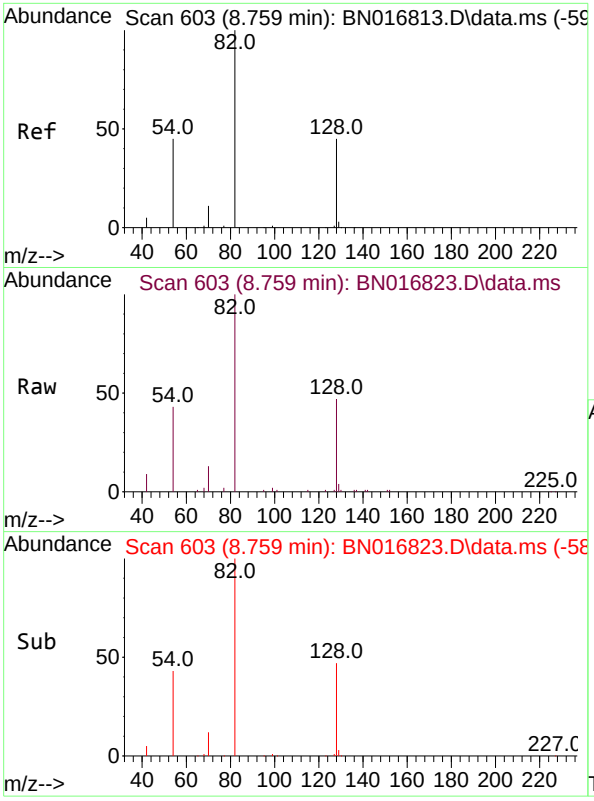
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:136 Resp: 92731

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.9	6.5	9.7#
68	5.2	5.3	7.9#



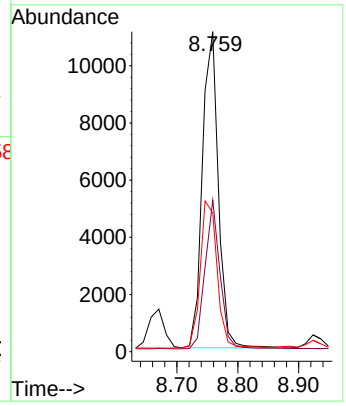
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

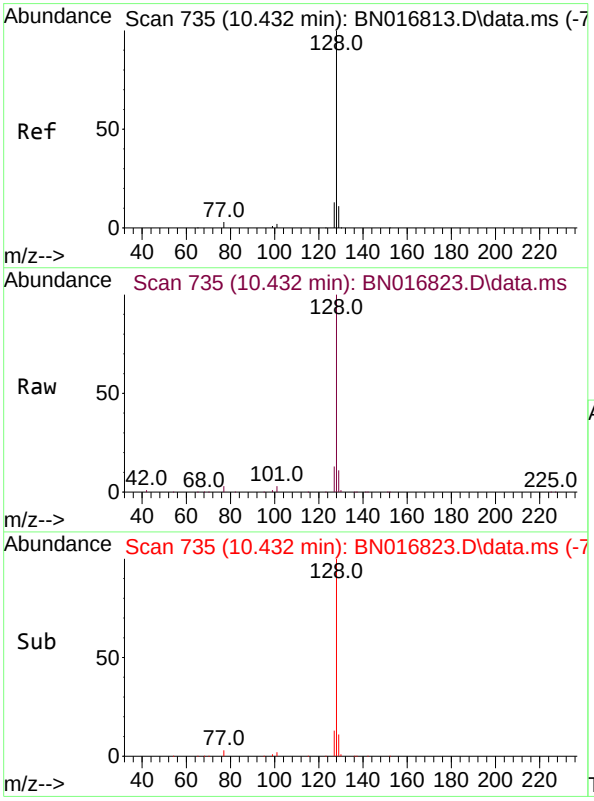


#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion: 82 Resp: 20216

Ion	Ratio	Lower	Upper
82	100		
128	47.4	33.8	50.6
54	43.4	38.5	57.7

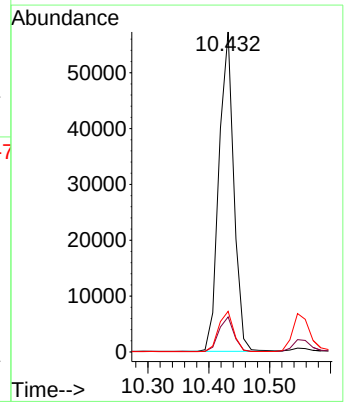


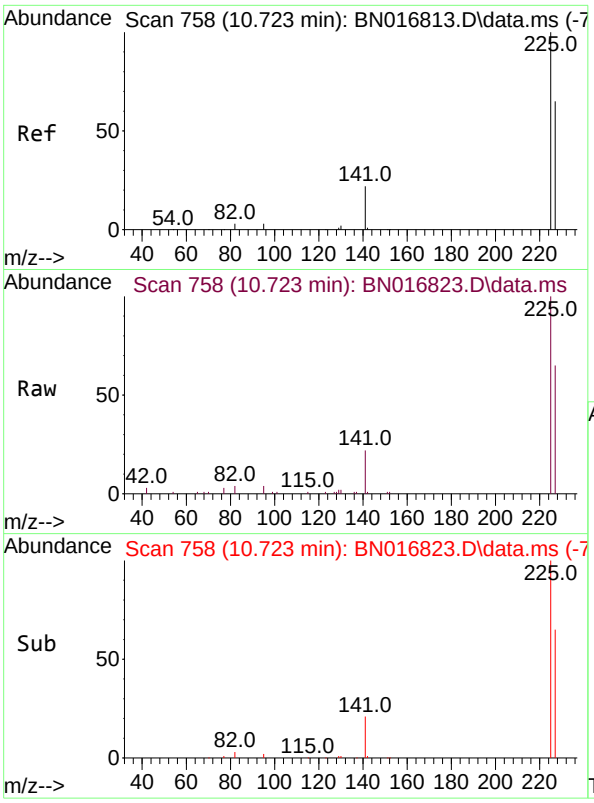


#9
Naphthalene
Concen: 0.384 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:128 Resp: 96987

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.7	10.3	15.5

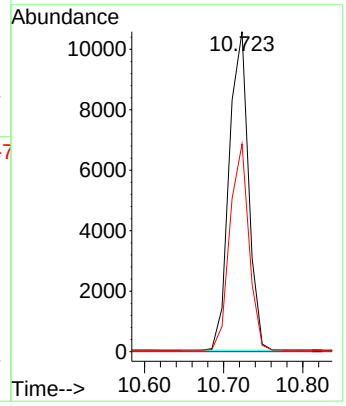




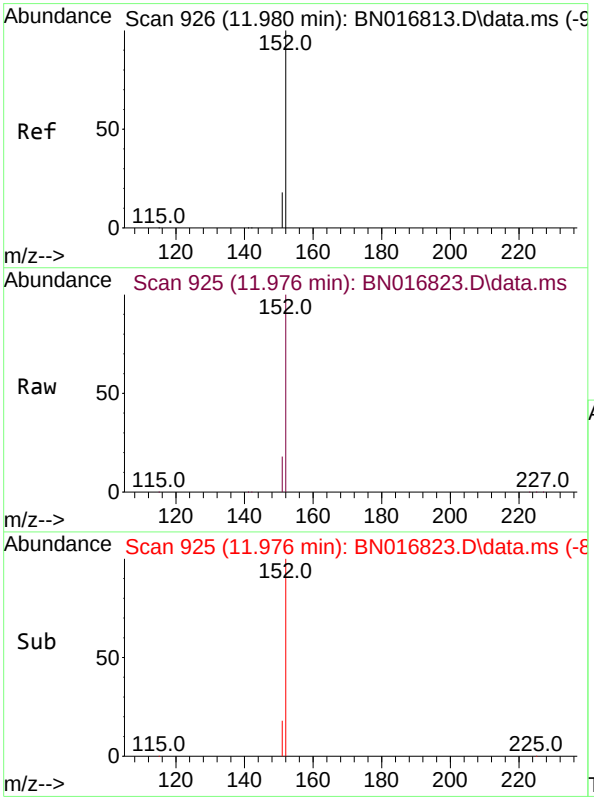
#10
Hexachlorobutadiene
Concen: 0.371 ng
RT: 10.723 min Scan# 758
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:225 Resp: 17897

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



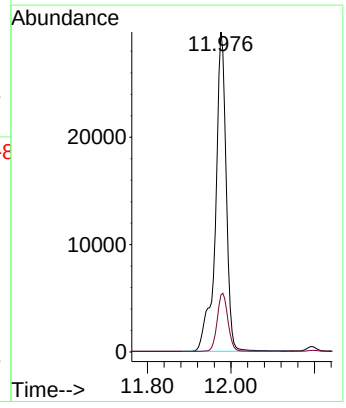
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

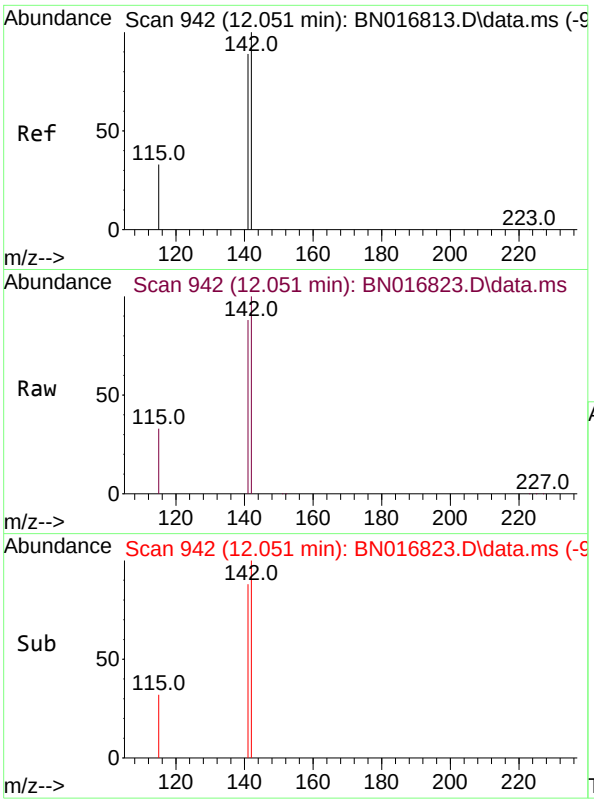


#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:152 Resp: 52749

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.2	24.4

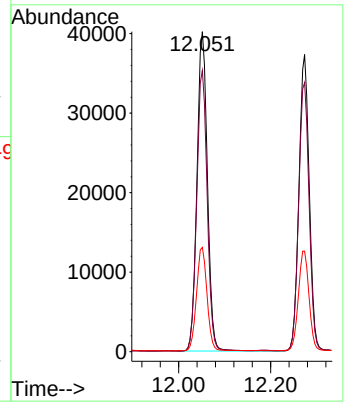




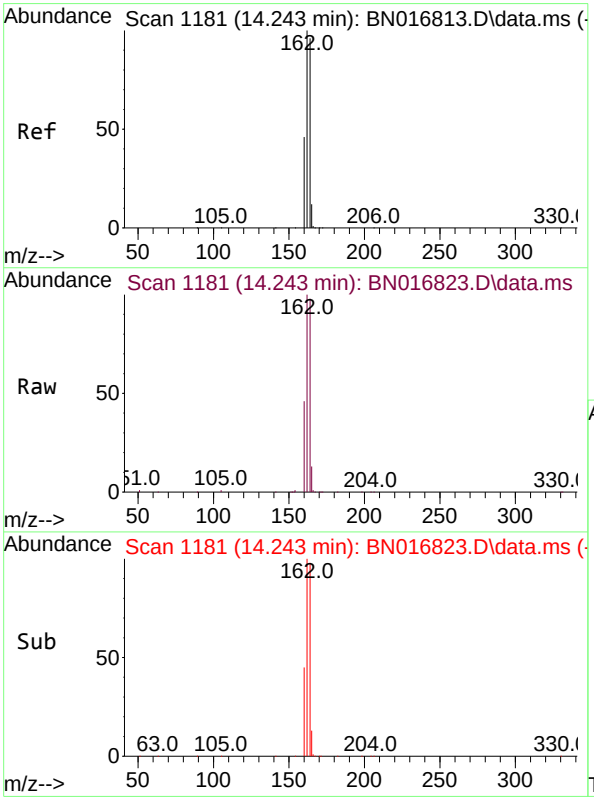
#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.051 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:142 Resp: 63318

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.6	106.0
115	32.6	26.1	39.1



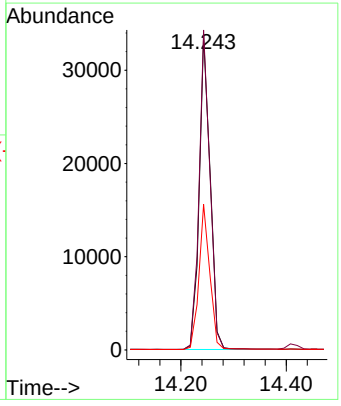
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS



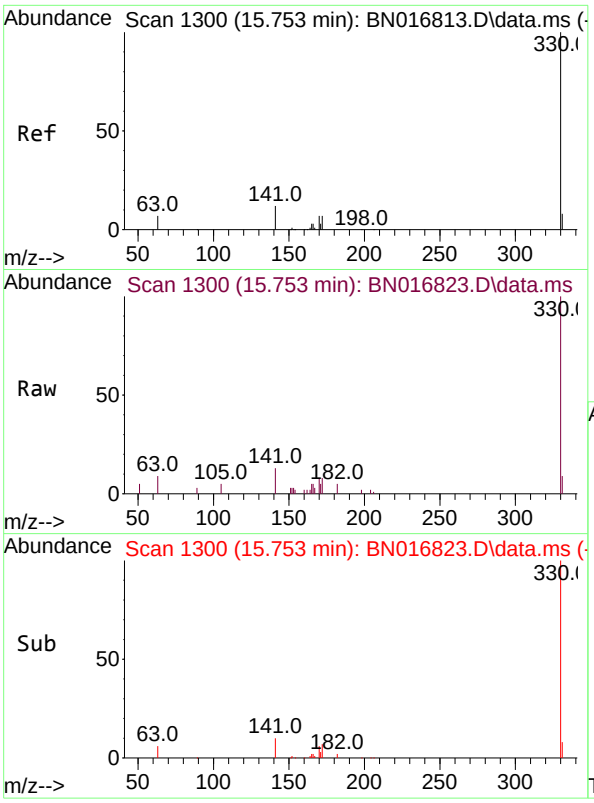
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:164 Resp: 48636

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	124.0
160	46.4	38.2	57.2



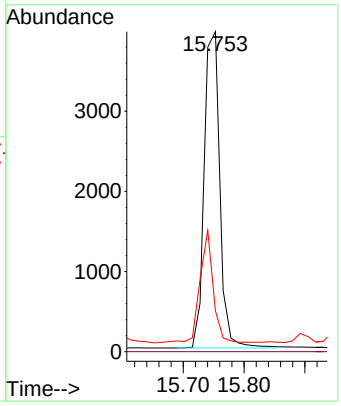
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

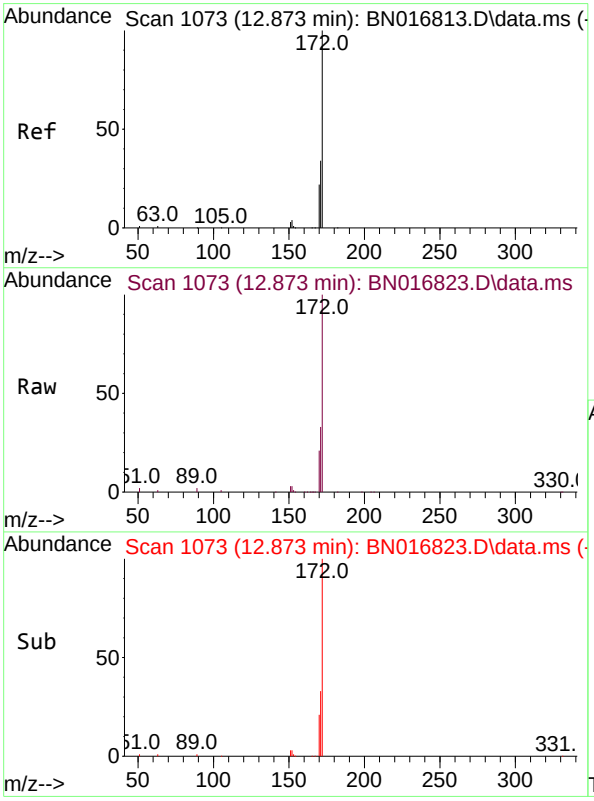


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:330 Resp: 7082

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.3	24.2	36.2

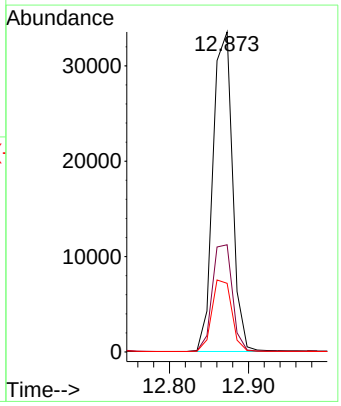




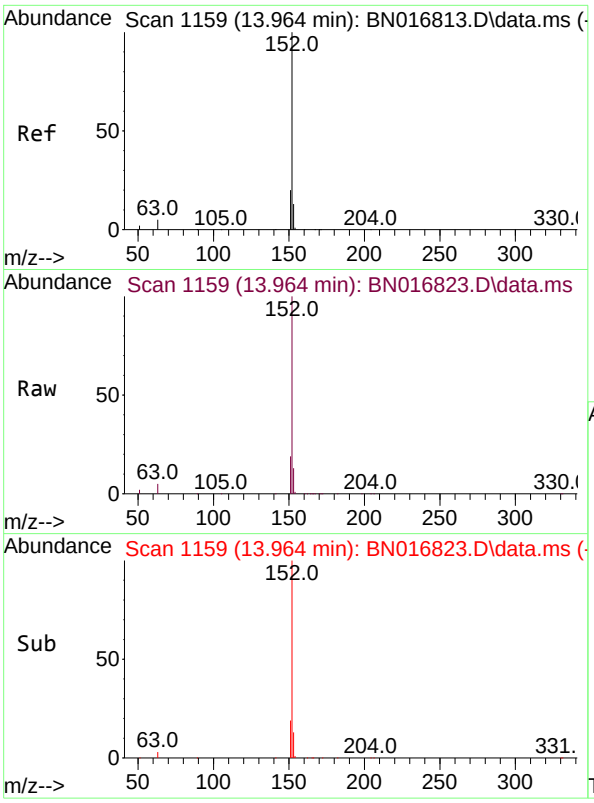
#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:172 Resp: 57442

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.9	40.3
170	21.5	17.4	26.0



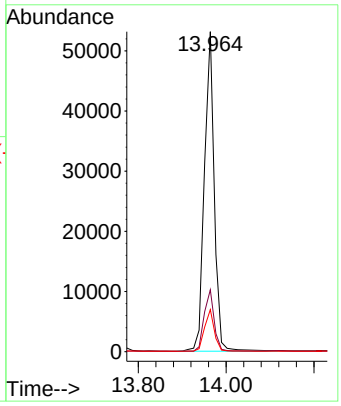
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

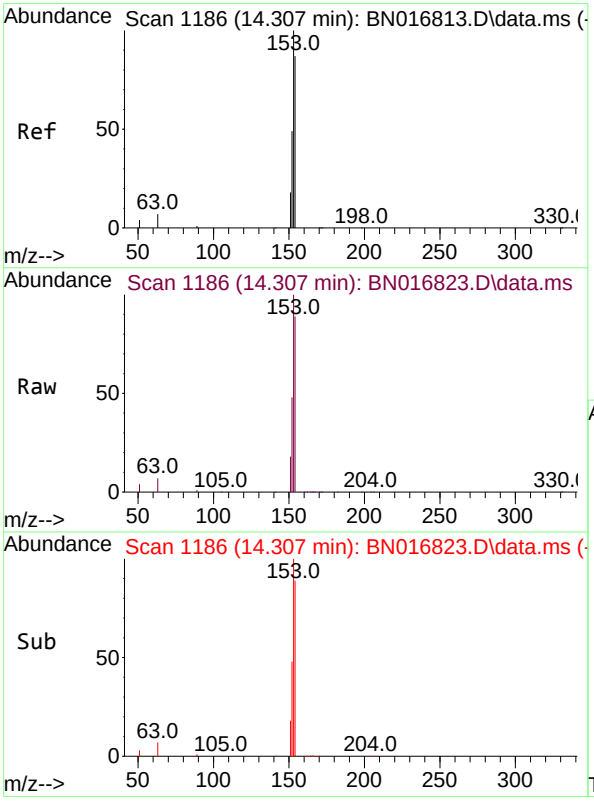


#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:152 Resp: 82631

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.0	10.4	15.6

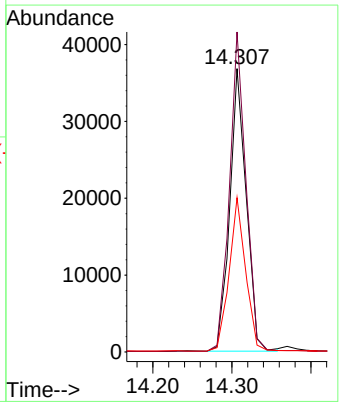


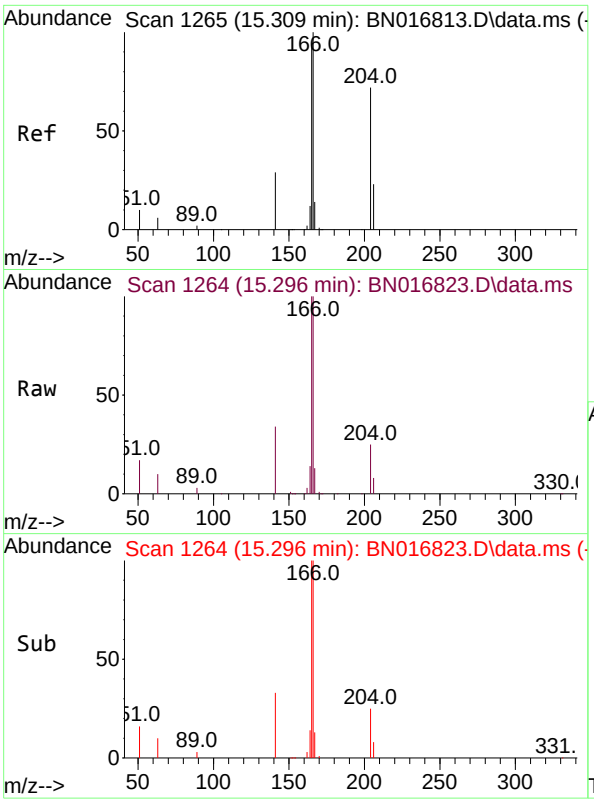


#17
Acenaphthene
Concen: 0.374 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:154 Resp: 53338

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	54.2	43.6	65.4

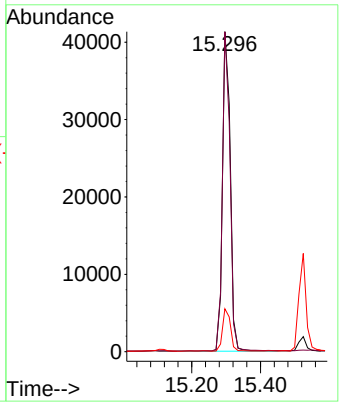




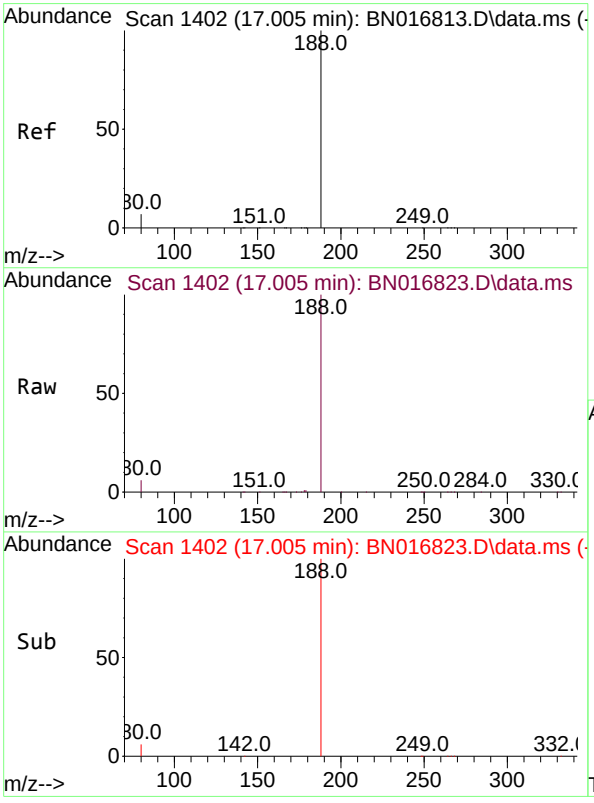
#18
Fluorene
Concen: 0.377 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.013 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:166 Resp: 65388

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.1	117.1
167	13.6	10.7	16.1



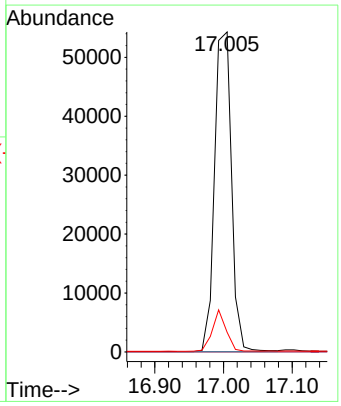
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

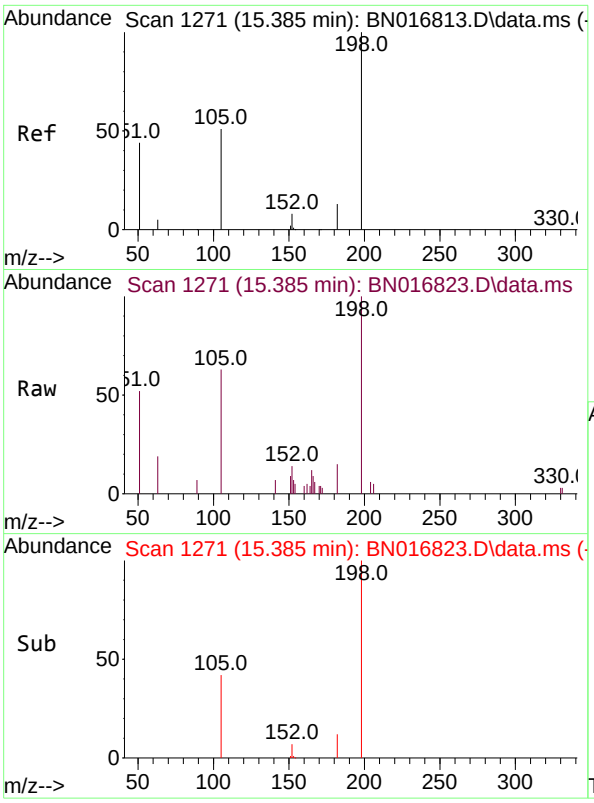


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:188 Resp: 92654

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	5.8	8.8

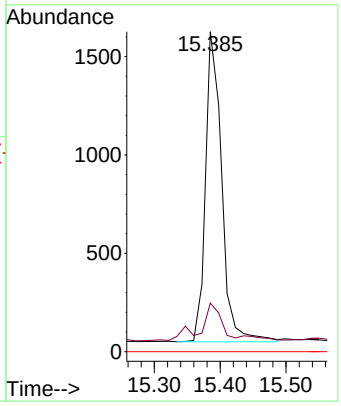




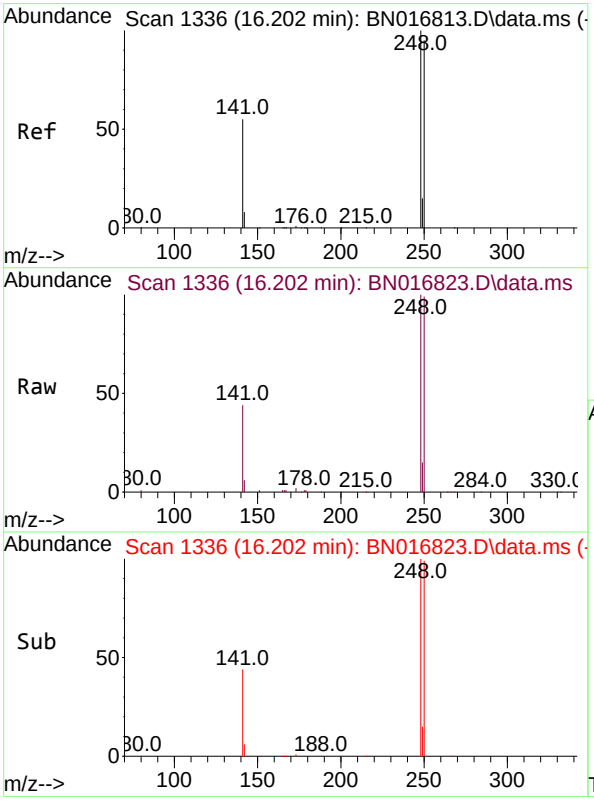
#20
4,6-Dinitro-2-methylphenol
Concen: 0.314 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:198 Resp: 2691

Ion	Ratio	Lower	Upper
198	100		
182	15.2	26.2	39.2#
77	0.0	0.0	0.0



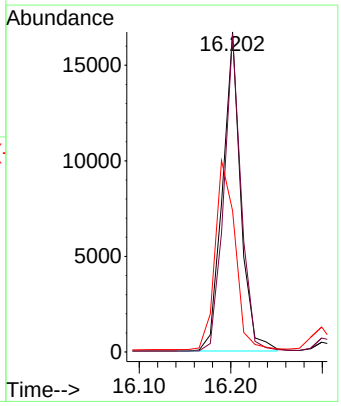
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

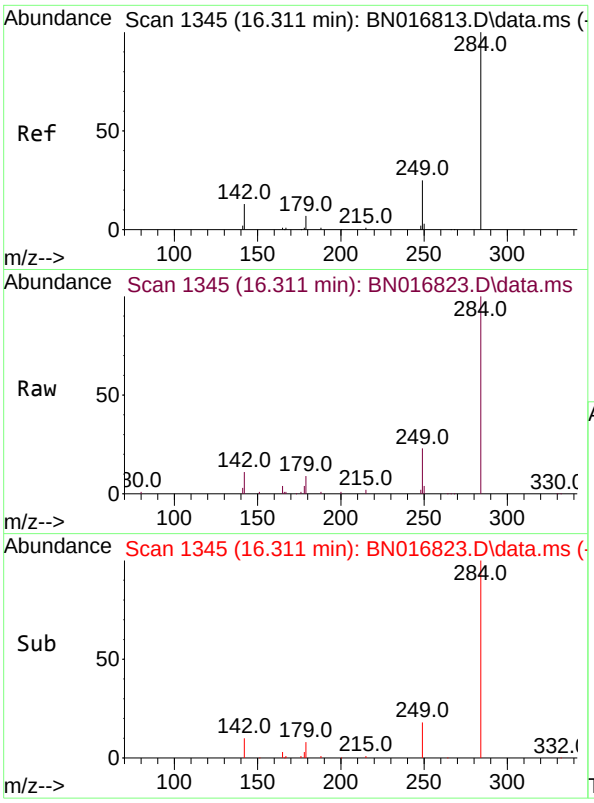


#21
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.202 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:248 Resp: 23013

Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.4
141	44.1	45.6	68.4#

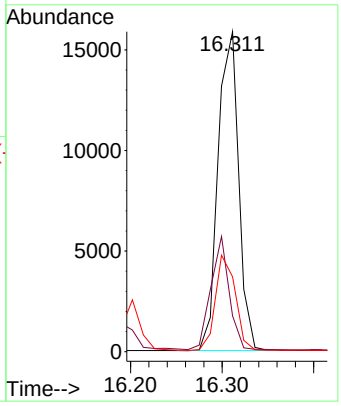




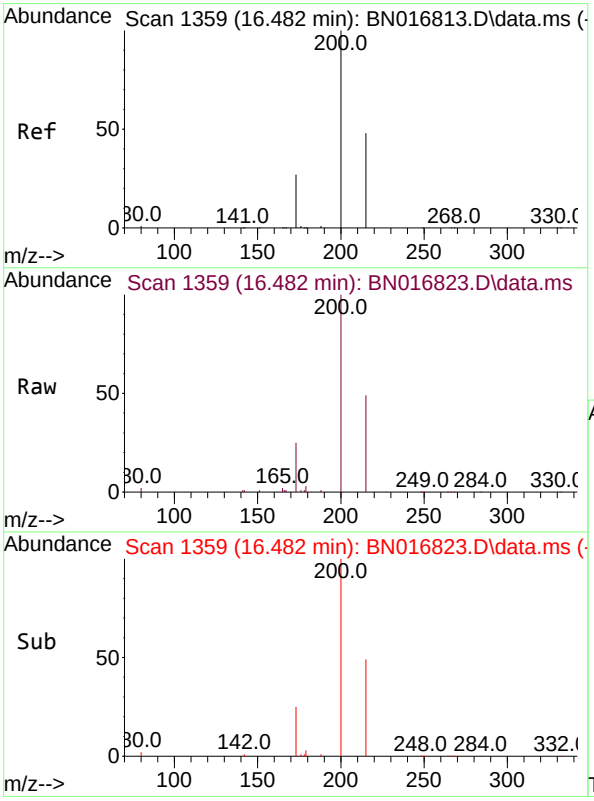
#22
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.311 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:284 Resp: 24788

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.8	38.6
249	28.8	23.3	34.9



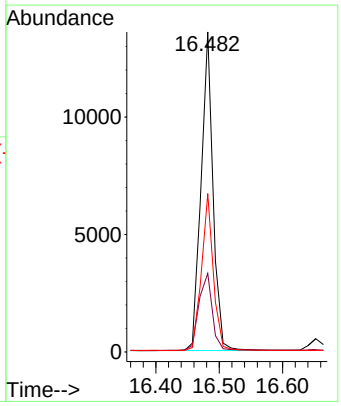
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS



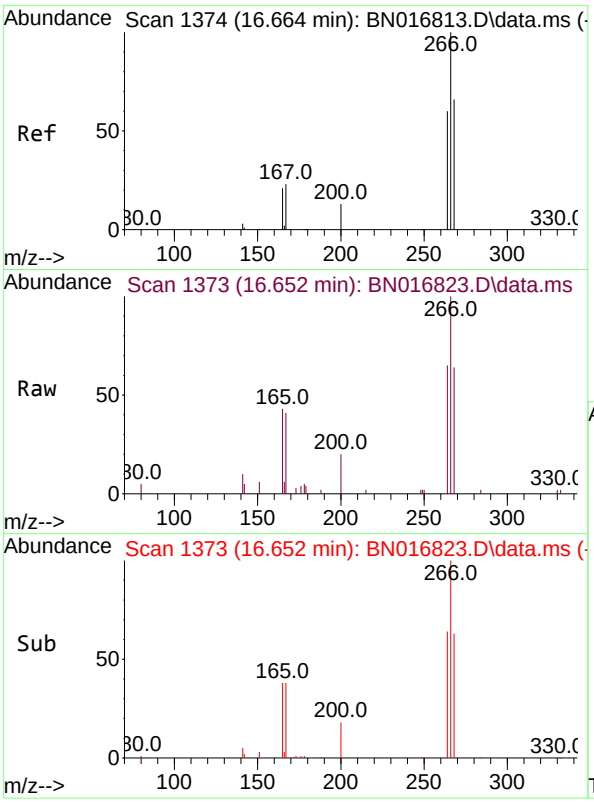
#23
Atrazine
Concen: 0.388 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:200 Resp: 17811

Ion	Ratio	Lower	Upper
200	100		
173	24.5	20.1	30.1
215	49.5	38.8	58.2



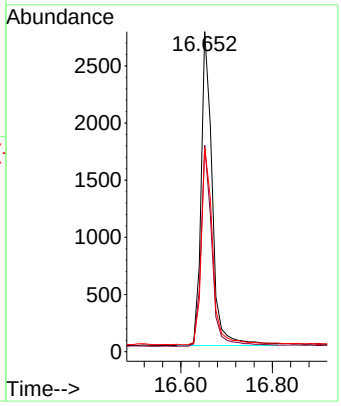
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

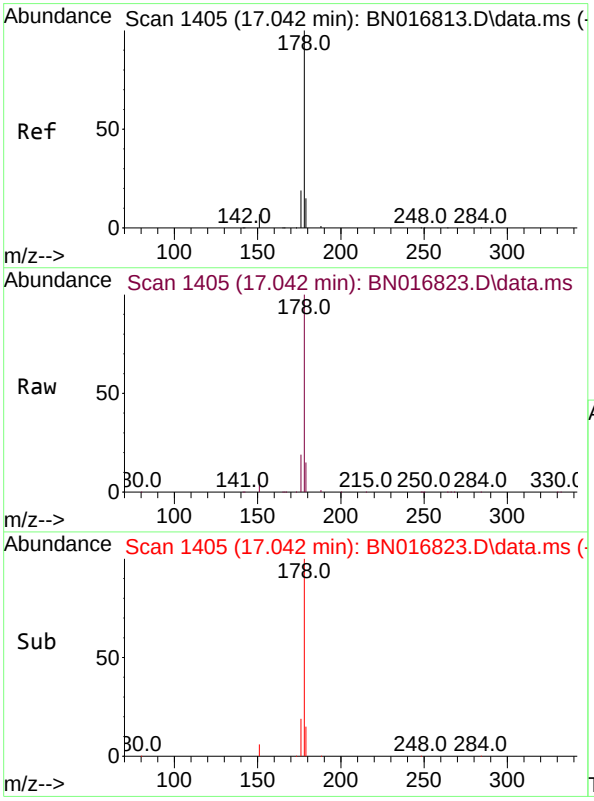


#24
Pentachlorophenol
Concen: 0.252 ng
RT: 16.652 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:266 Resp: 4641

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.3	73.9
268	63.9	51.8	77.8

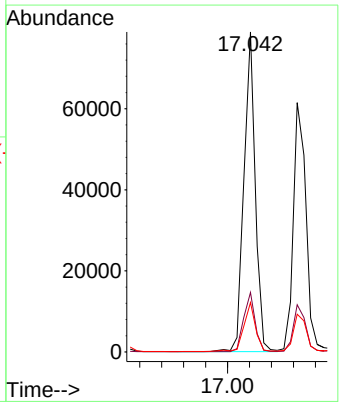




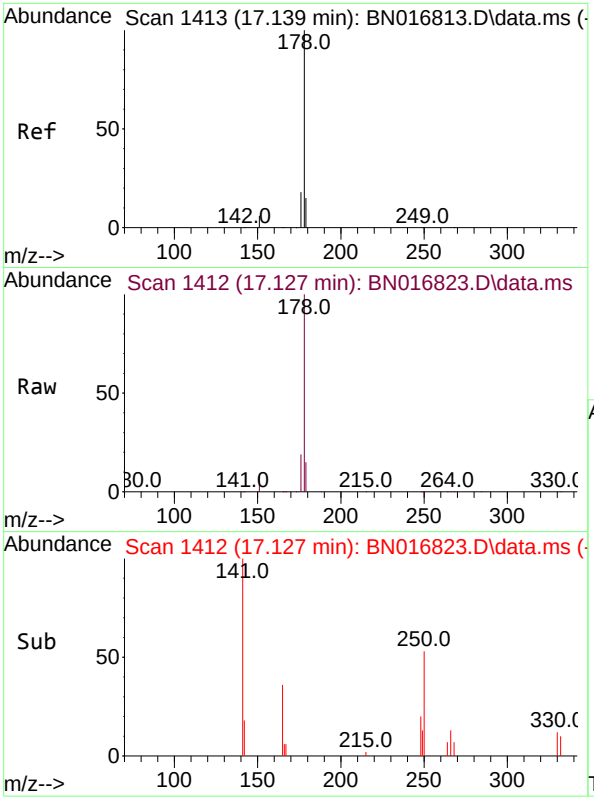
#25
Phenanthrene
Concen: 0.410 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:178 Resp: 112824

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.7	12.4	18.6



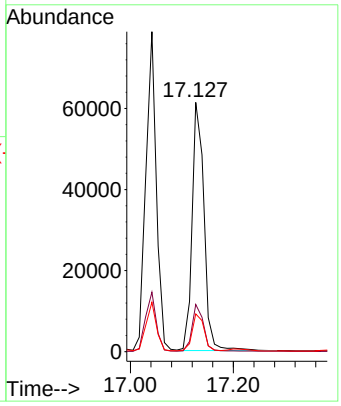
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

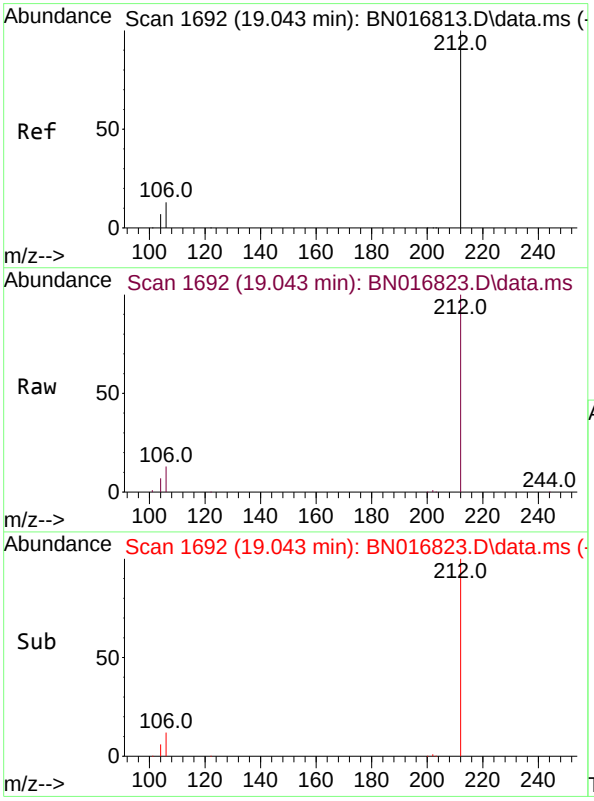


#26
Anthracene
Concen: 0.404 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:178 Resp: 98690

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	14.8	12.2	18.4

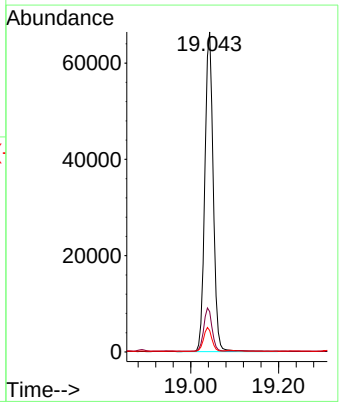




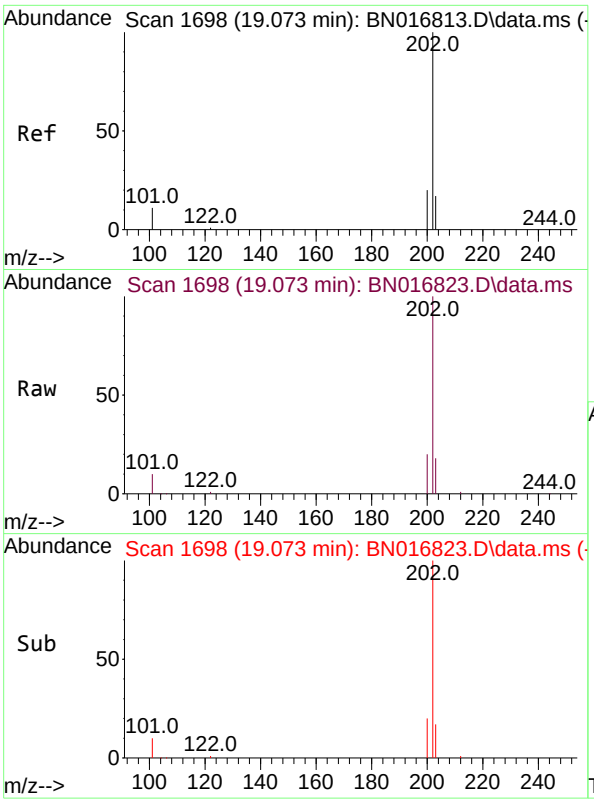
#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.043 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:212 Resp: 87395

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.3	5.8	8.8



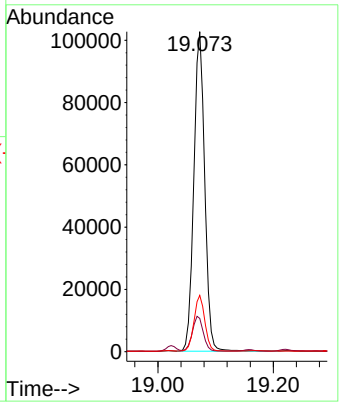
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

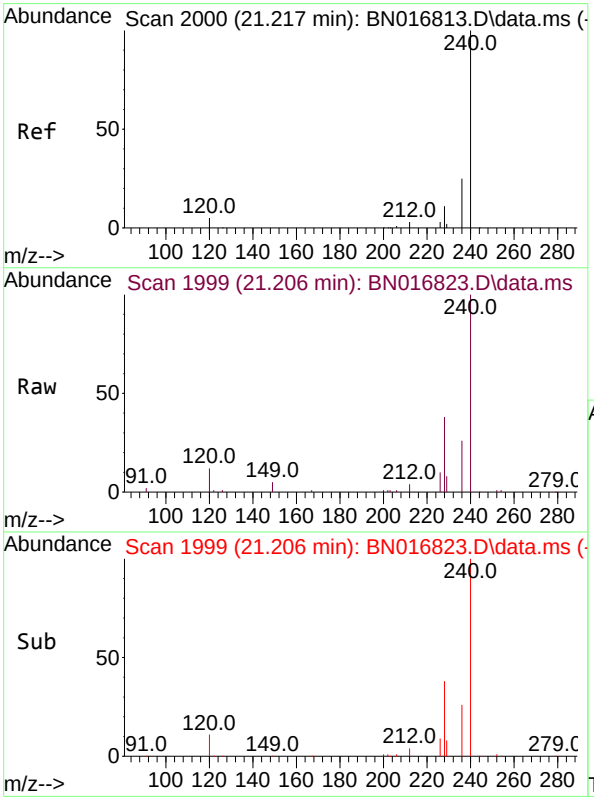


#28
Fluoranthene
Concen: 0.436 ng
RT: 19.073 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:202 Resp: 134878

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.1	13.8	20.8

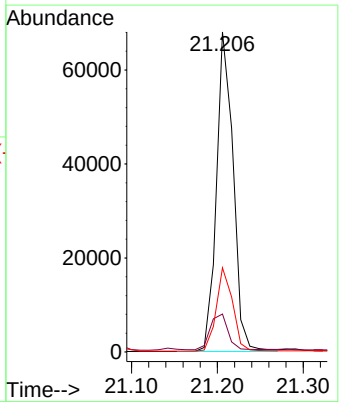


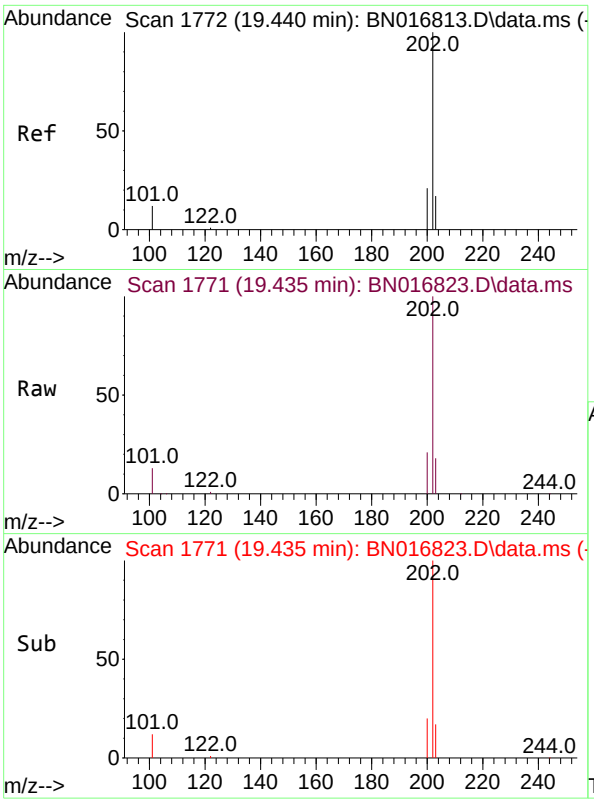


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:240 Resp: 91756

Ion	Ratio	Lower	Upper
240	100		
120	11.9	6.6	10.0#
236	26.3	20.7	31.1

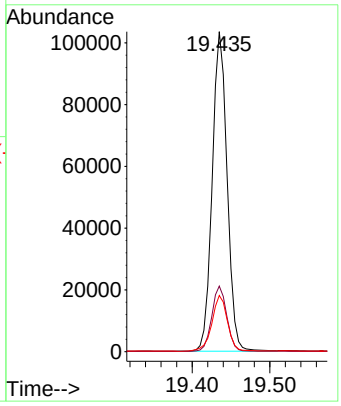




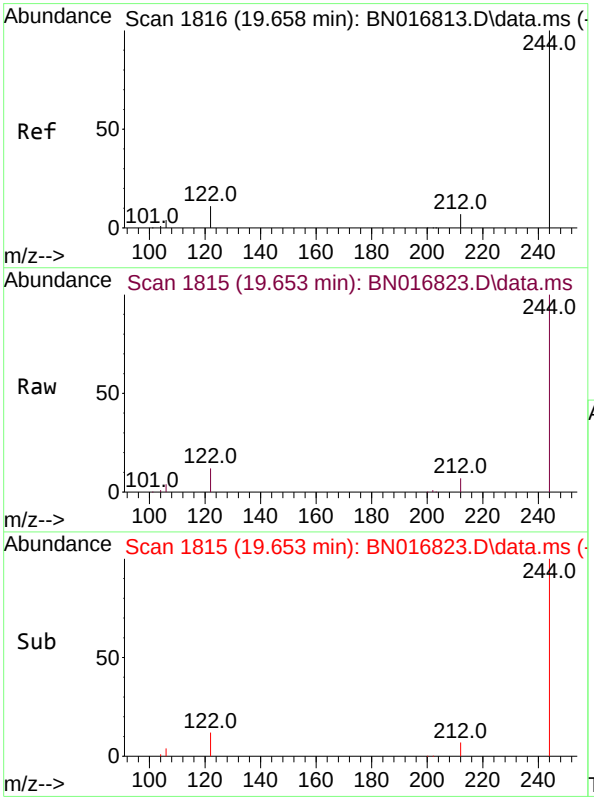
#30
Pyrene
Concen: 0.486 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:202 Resp: 137103

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.2	13.9	20.9



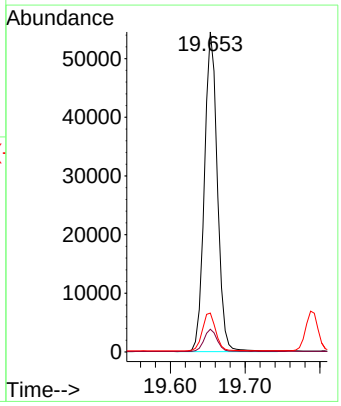
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS



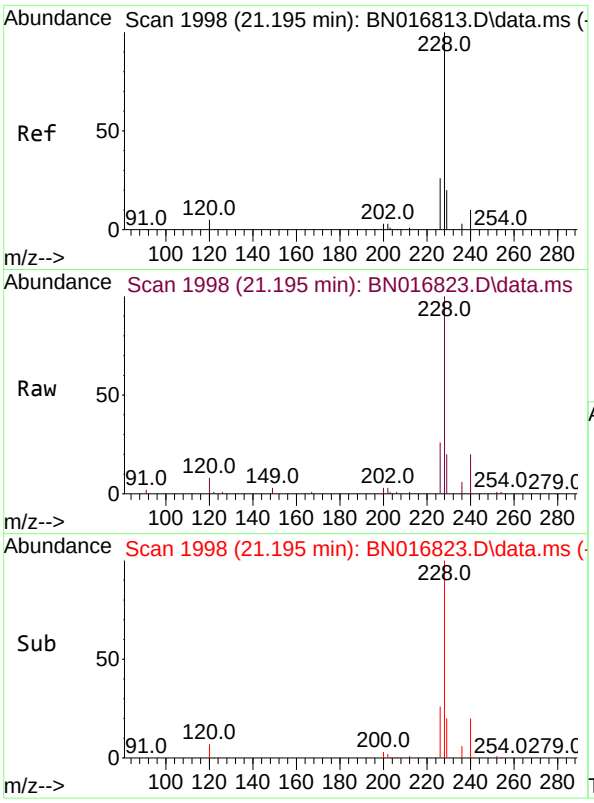
#31
Terphenyl-d14
Concen: 0.328 ng
RT: 19.653 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:244 Resp: 65567

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.2	8.9	13.3



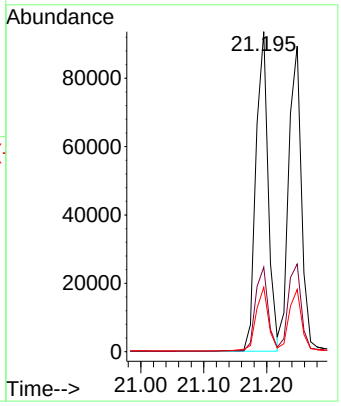
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

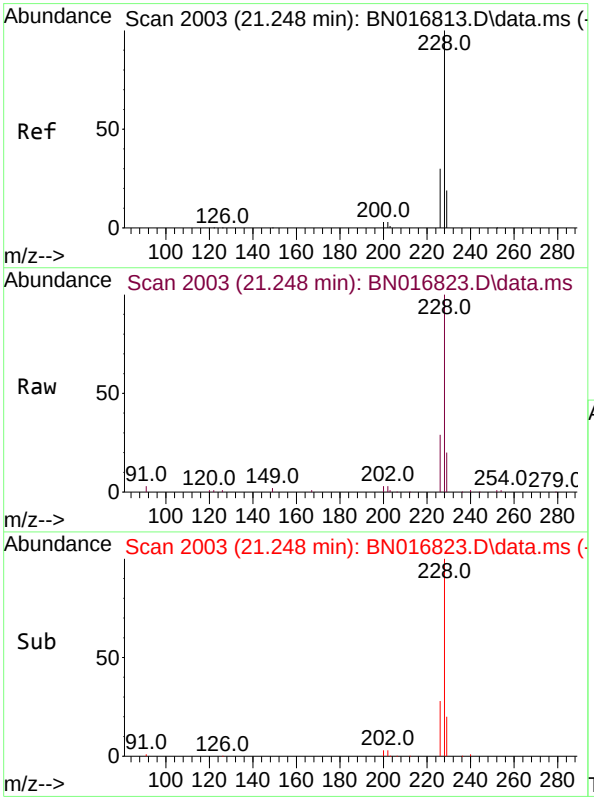


#32
Benzo(a)anthracene
Concen: 0.445 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:228 Resp: 126305

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	20.1	15.4	23.0

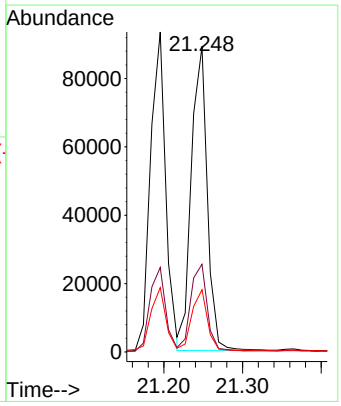




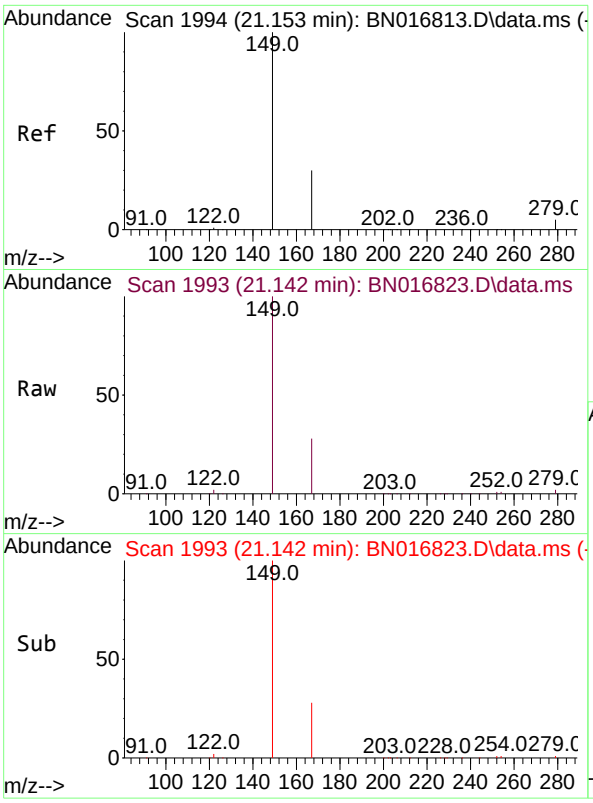
#33
Chrysene
Concen: 0.433 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:228 Resp: 125121

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.4
229	20.4	15.4	23.0



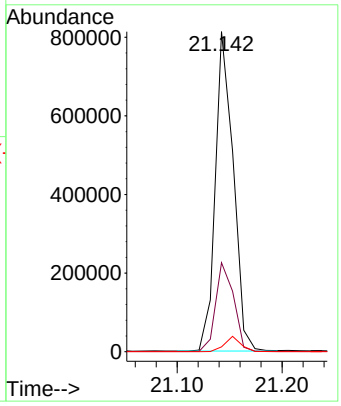
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

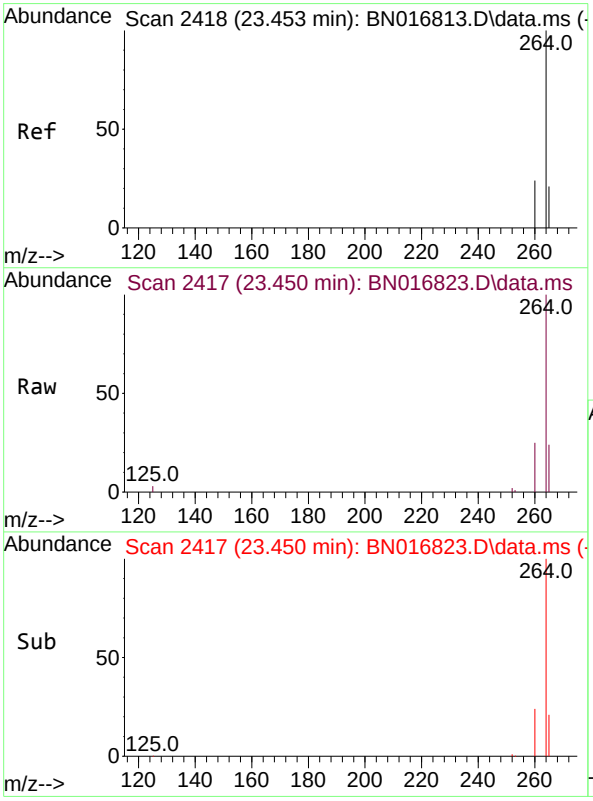


#34
Bis(2-ethylhexyl)phthalate
Concen: 6.706 ng
RT: 21.142 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:149 Resp: 967070

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.3	3.4	5.2

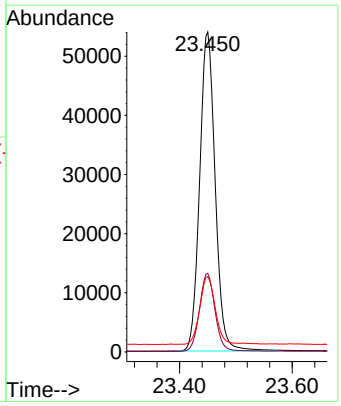




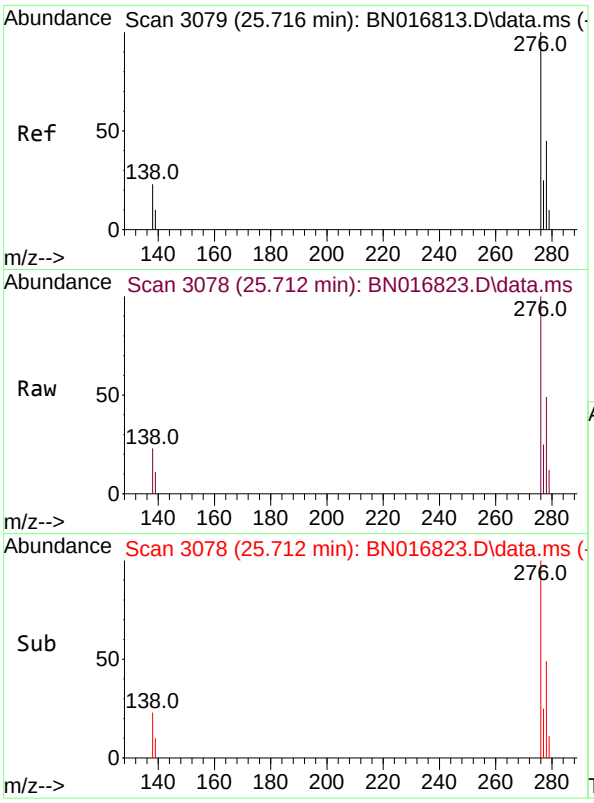
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.450 min Scan# 2417
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:264 Resp: 103737

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	23.6	20.3	30.5



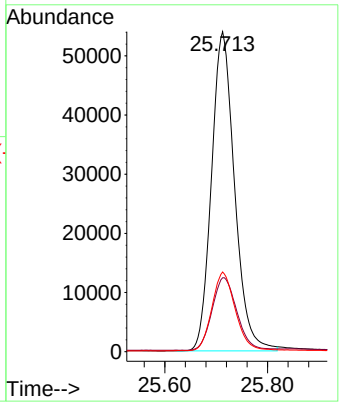
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

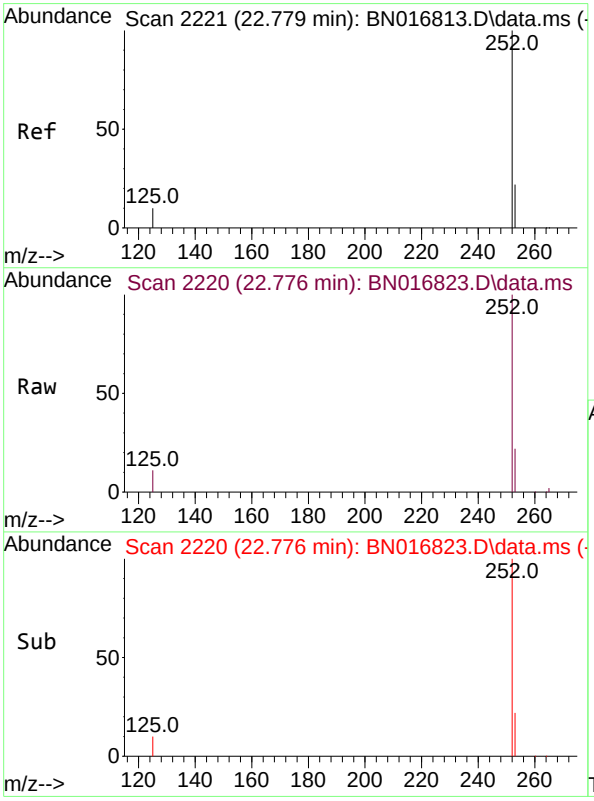


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng
RT: 25.712 min Scan# 3078
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:276 Resp: 168105

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.2	28.8
277	24.8	20.0	30.0

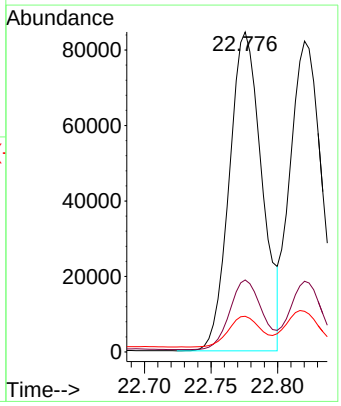




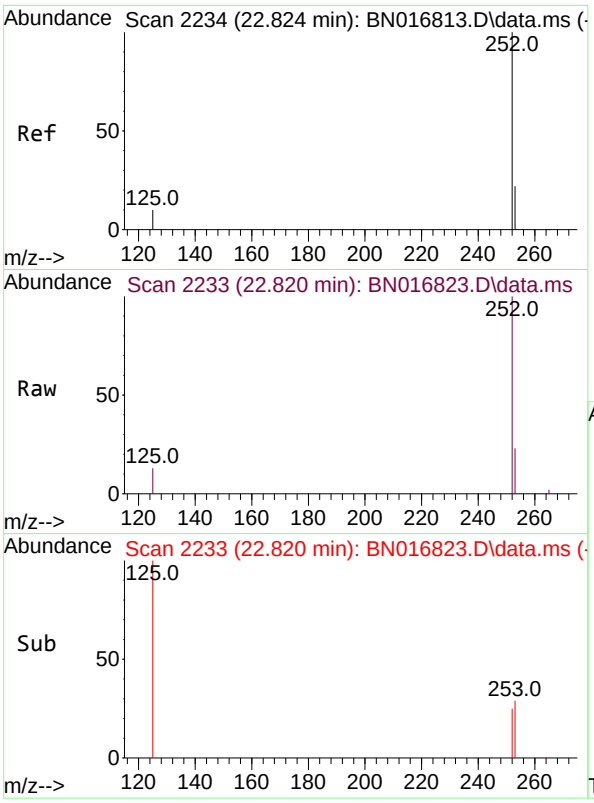
#37
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.776 min Scan# 2220
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:252 Resp: 143857

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.1	8.3	12.5



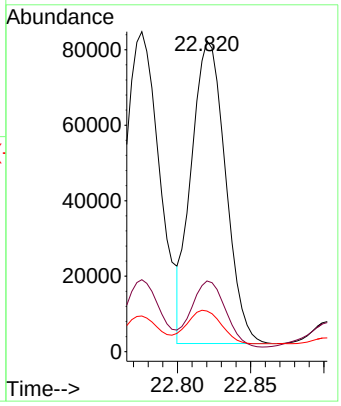
Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS

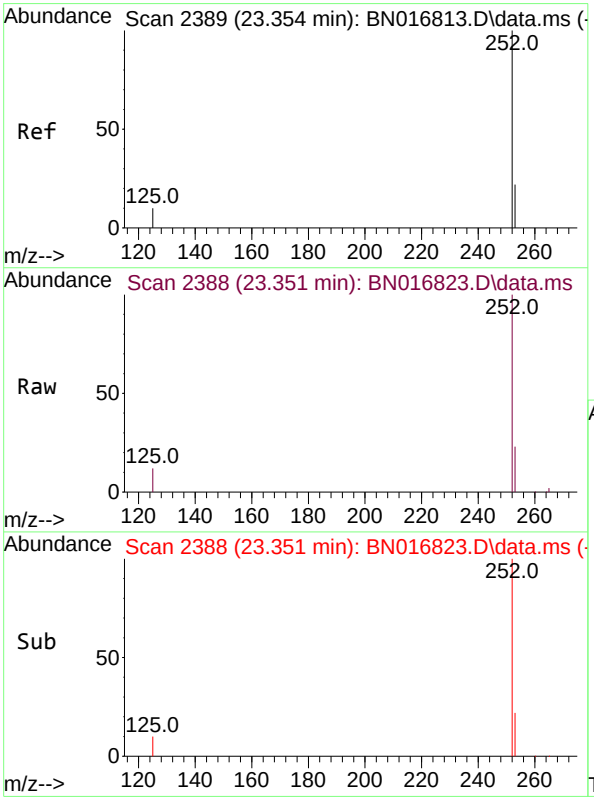


#38
Benzo(k)fluoranthene
Concen: 0.407 ng
RT: 22.820 min Scan# 2233
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:252 Resp: 129953

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	13.1	8.5	12.7#

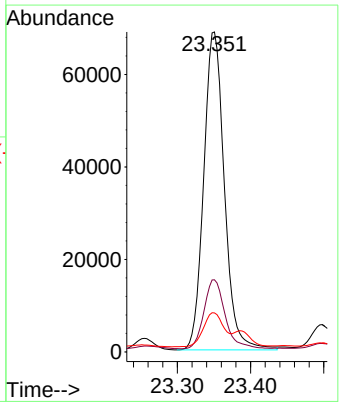


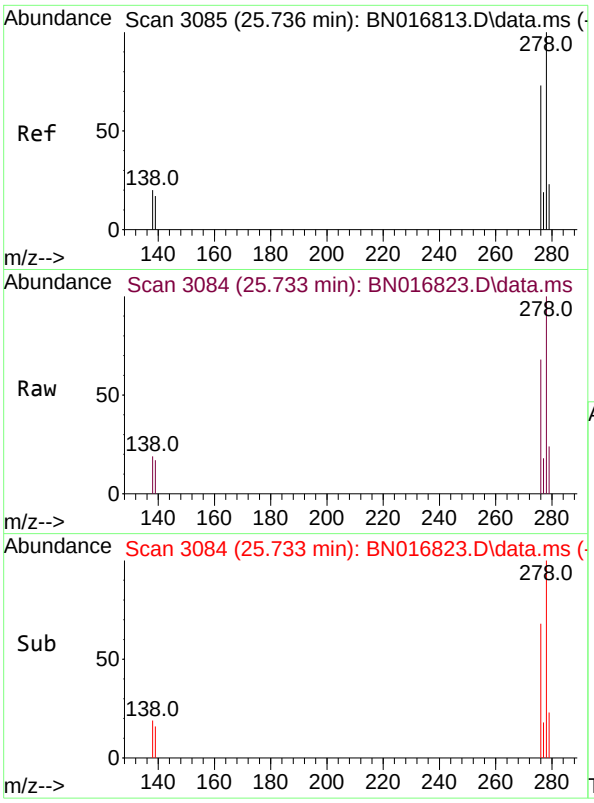


#39
Benzo(a)pyrene
Concen: 0.450 ng
RT: 23.351 min Scan# 2388
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:252 Resp: 134924

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.2	9.4	14.2

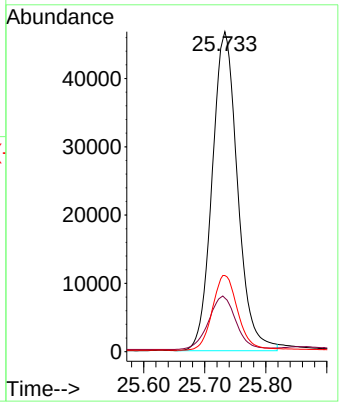




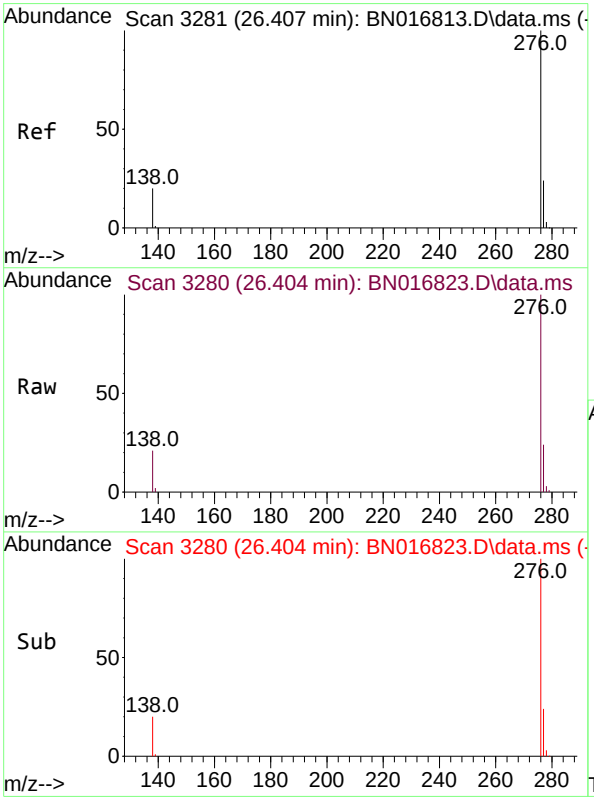
#40
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 25.733 min Scan# 3084
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:278 Resp: 134980

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	23.8	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
S-820-N-SO-1-1.5-093021MS



#41
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 26.404 min Scan# 3280
Delta R.T. -0.003 min
Lab File: BN016823.D
Acq: 08 Oct 2021 00:55

Tgt Ion:276 Resp: 145801

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	21.0	17.0	25.6