Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016442.D
Acq On : 24 Sep 2021 17:58
Operator : CG/JU
Sample : M3911-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 25 05:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	21769	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	97502	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	54474	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	106240	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	102834	0.400	ng	0.01
35) Perylene-d12	23.522	264	95254	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.310	112	5877	0.120	ng	0.03
5) Phenol-d6	6.859	99	4497	0.078	ng	0.00
8) Nitrobenzene-d5	8.810	82	18871	0.273	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	44175	0.306	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	6213	0.431	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	57092	0.250	ng	0.00
27) Fluoranthene-d10	19.088	212	125615	0.431	ng	0.00
31) Terphenyl-d14	19.703	244	104011	0.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	4244	0.455	ng	# 88
3) n-Nitrosodimethylamine	3.613	42	3554	0.159	ng	# 67
6) bis(2-Chloroethyl)ether	7.108	93	19859	0.341	ng	96
9) Naphthalene	10.483	128	101017	0.389	ng	99
10) Hexachlorobutadiene	10.774	225	13120	0.254	ng	# 99
12) 2-Methylnaphthalene	12.105	142	58432	0.355	ng	98
16) Acenaphthylene	14.015	152	77404	0.349	ng	99
17) Acenaphthene	14.358	154	78504	0.499	ng	99
18) Fluorene	15.347	166	122347	0.648	ng	100
20) 4,6-Dinitro-2-methylph...	15.436	198	2917	0.380	ng	# 70
21) 4-Bromophenyl-phenylether	16.251	248	22278	0.359	ng	99
22) Hexachlorobenzene	16.348	284	20168	0.328	ng	# 89
23) Atrazine	16.531	200	22411	0.516	ng	97
24) Pentachlorophenol	16.701	266	17299	0.792	ng	98
25) Phenanthrene	17.091	178	154568	0.489	ng	98
26) Anthracene	17.176	178	157292	0.597	ng	98
28) Fluoranthene	19.118	202	154278	0.445	ng	99
30) Pyrene	19.480	202	155119	0.482	ng	98
32) Benzo(a)anthracene	21.238	228	150567	0.505	ng	99
33) Chrysene	21.291	228	145726	0.455	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	103274	1.270	ng	98
36) Indeno(1,2,3-cd)pyrene	25.815	276	131930	0.427	ng	99
37) Benzo(b)fluoranthene	22.837	252	143260	0.450	ng	99
38) Benzo(k)fluoranthene	22.882	252	135869	0.442	ng	98
39) Benzo(a)pyrene	23.419	252	126451	0.487	ng	92
40) Dibenzo(a,h)anthracene	25.839	278	109355	0.416	ng	95
41) Benzo(g,h,i)perylene	26.517	276	112051	0.415	ng	95

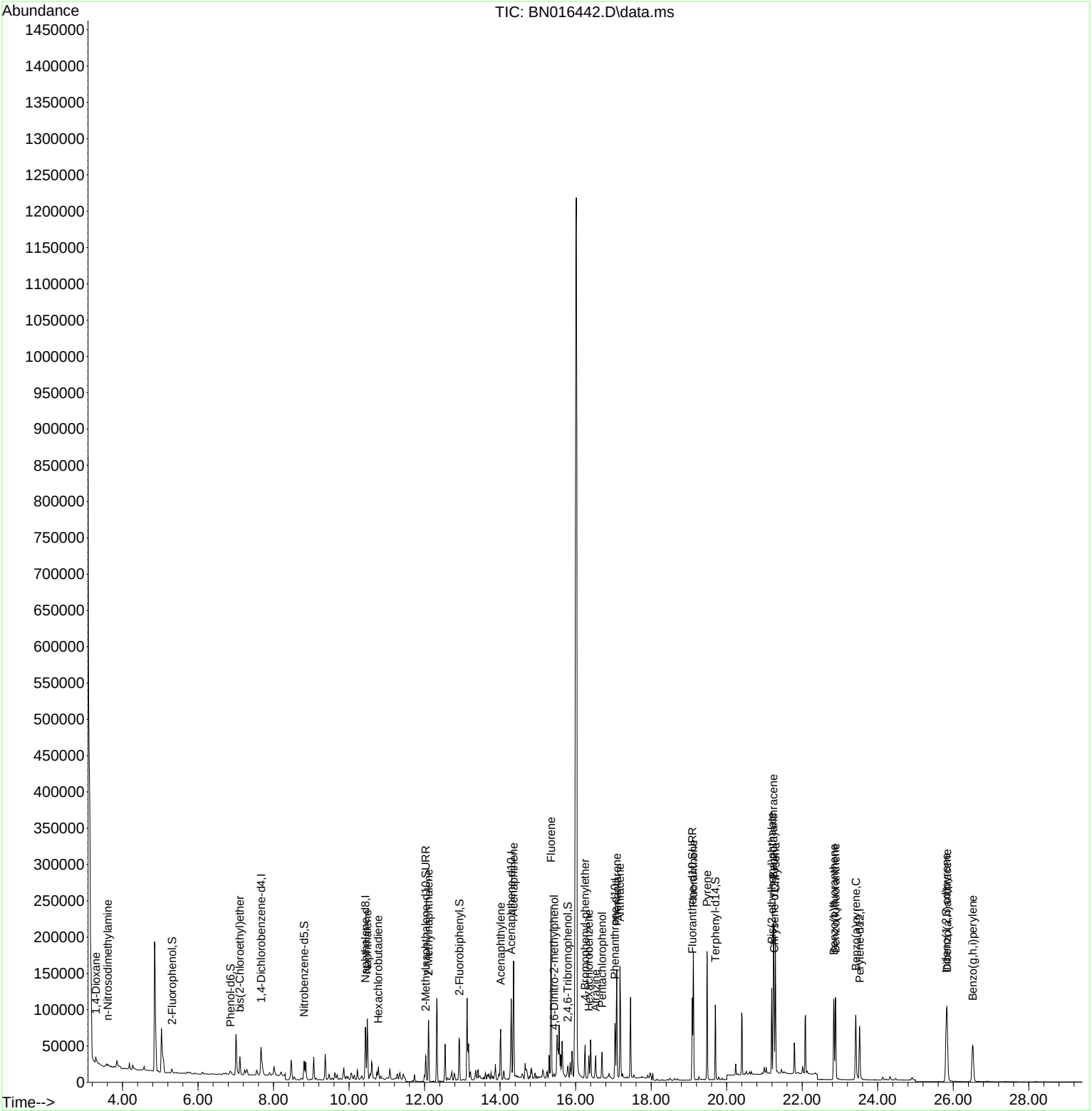
(#) = qualifier out of range (m) = manual integration (+) = signals summed

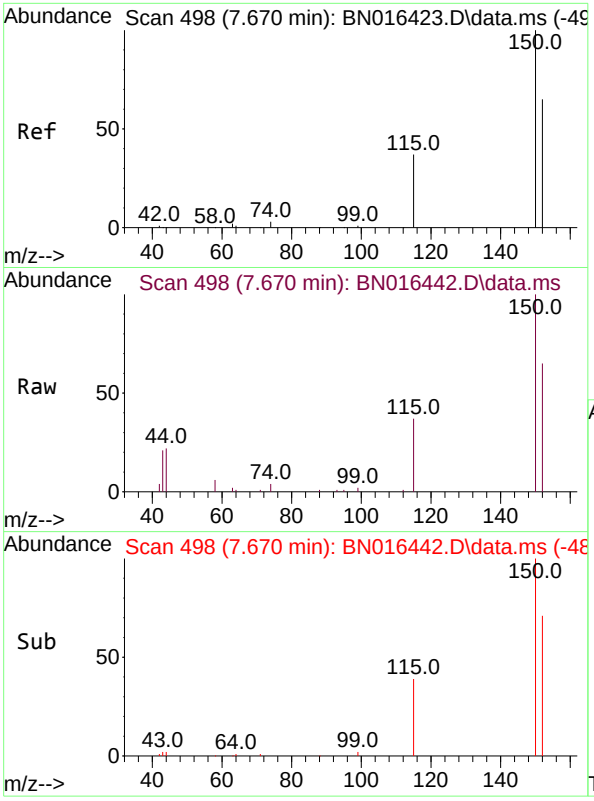
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016442.D
Acq On : 24 Sep 2021 17:58
Operator : CG/JU
Sample : M3911-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 25 05:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

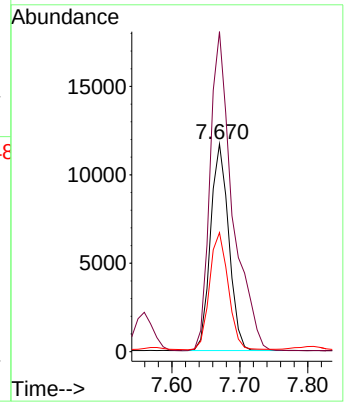




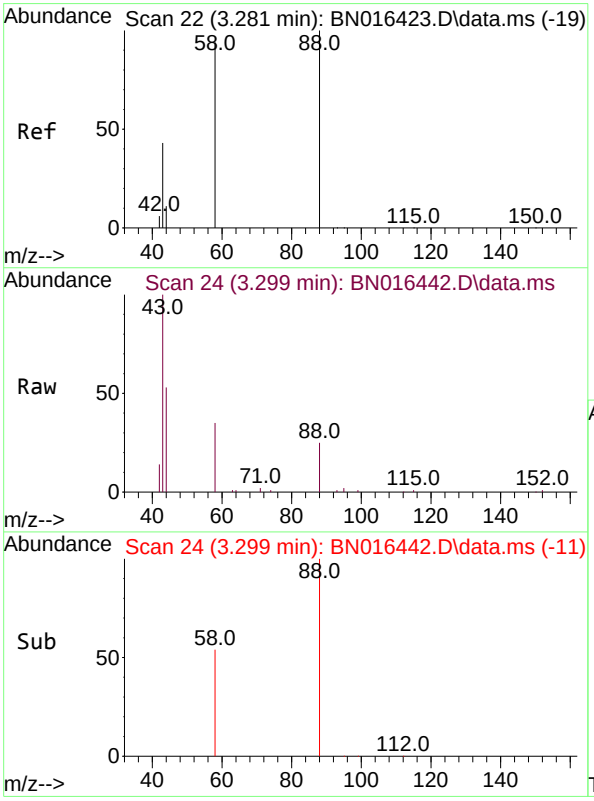
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 498
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:152 Resp: 21769

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.6	188.4
115	57.3	50.2	75.2



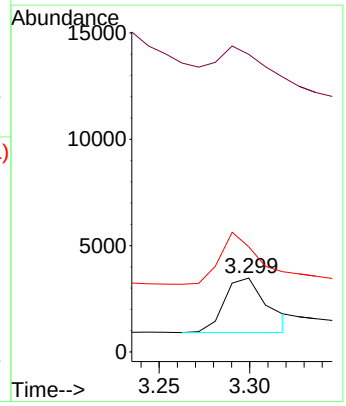
Instrument :
BNA_N
ClientSampleId :



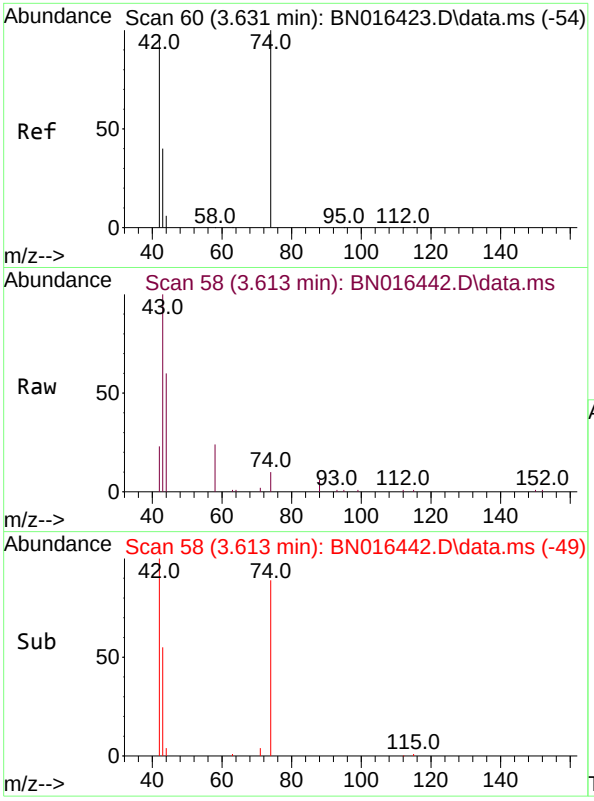
#2
1,4-Dioxane
Concen: 0.455 ng
RT: 3.299 min Scan# 24
Delta R.T. 0.019 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion: 88 Resp: 4244

Ion	Ratio	Lower	Upper
88	100		
43	47.8	20.3	30.5#
58	85.1	69.9	104.9



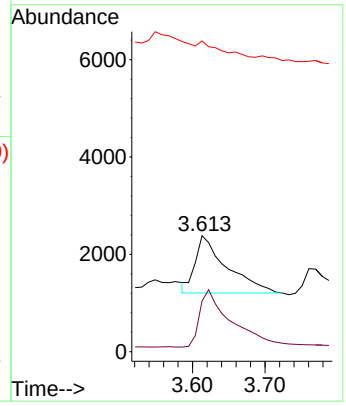
Instrument :
BNA_N
ClientSampleId :

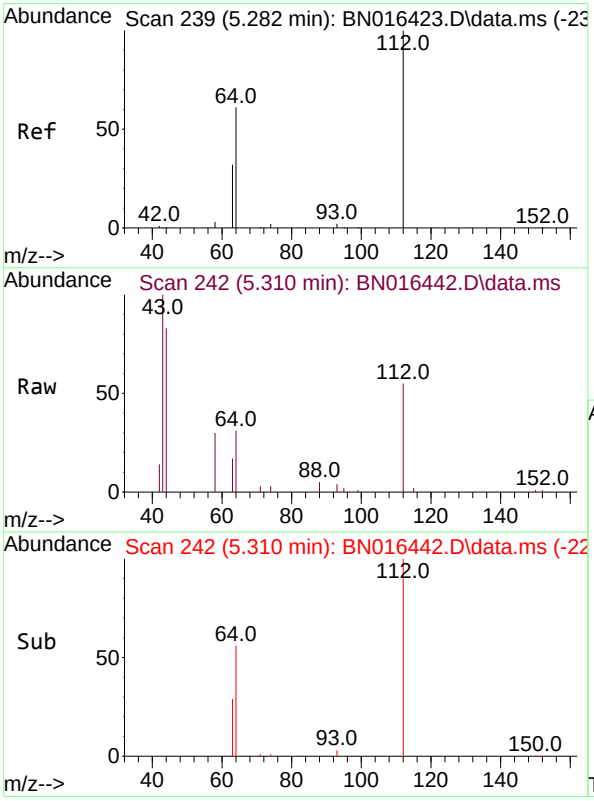


#3
n-Nitrosodimethylamine
Concen: 0.159 ng
RT: 3.613 min Scan# 58
Delta R.T. -0.018 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion: 42 Resp: 3554

Ion	Ratio	Lower	Upper
42	100		
74	100.9	113.6	170.4#
44	0.0	0.0	0.0

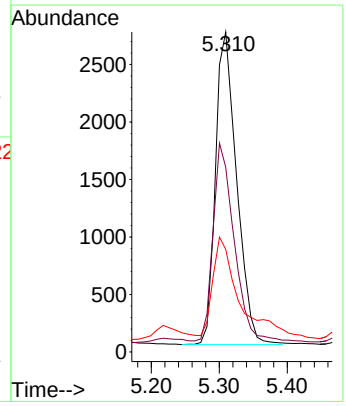




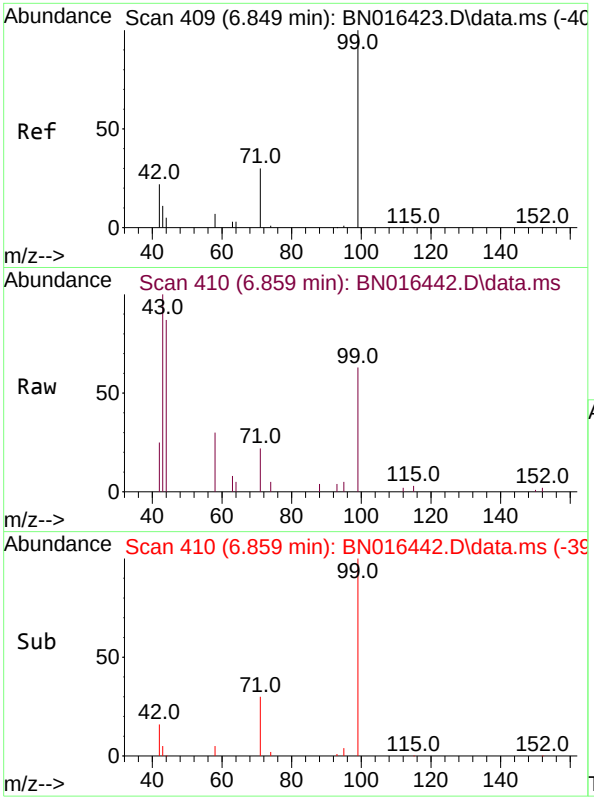
#4
2-Fluorophenol
Concen: 0.120 ng
RT: 5.310 min Scan# 242
Delta R.T. 0.028 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:112 Resp: 5877

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.3	70.9
63	36.6	23.4	35.0#



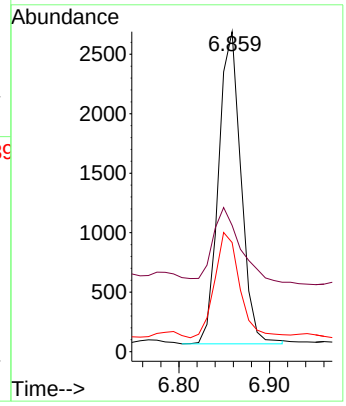
Instrument :
BNA_N
ClientSampleId :

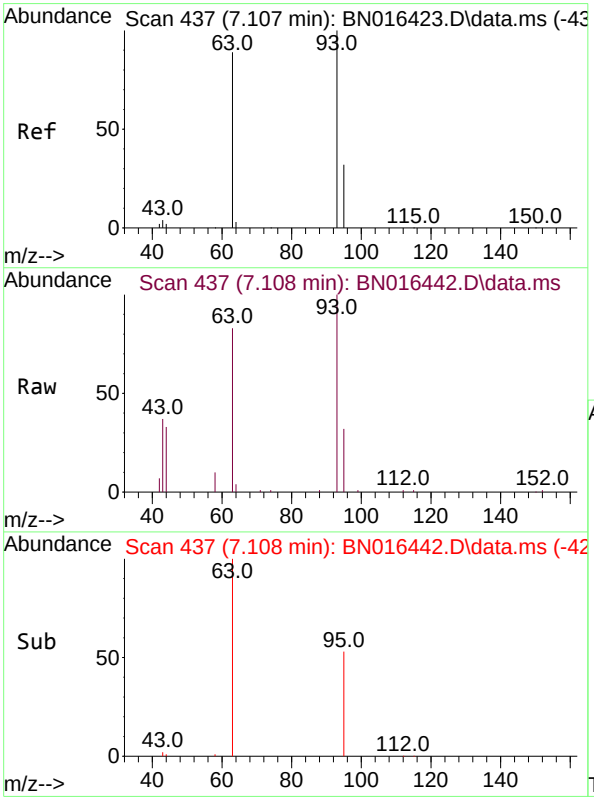


#5
Phenol-d6
Concen: 0.078 ng
RT: 6.859 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion: 99 Resp: 4497

Ion	Ratio	Lower	Upper
99	100		
42	29.1	14.0	21.0#
71	37.9	23.8	35.6#

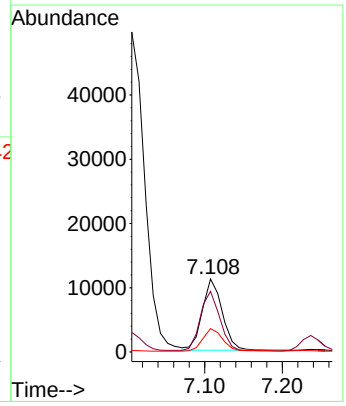


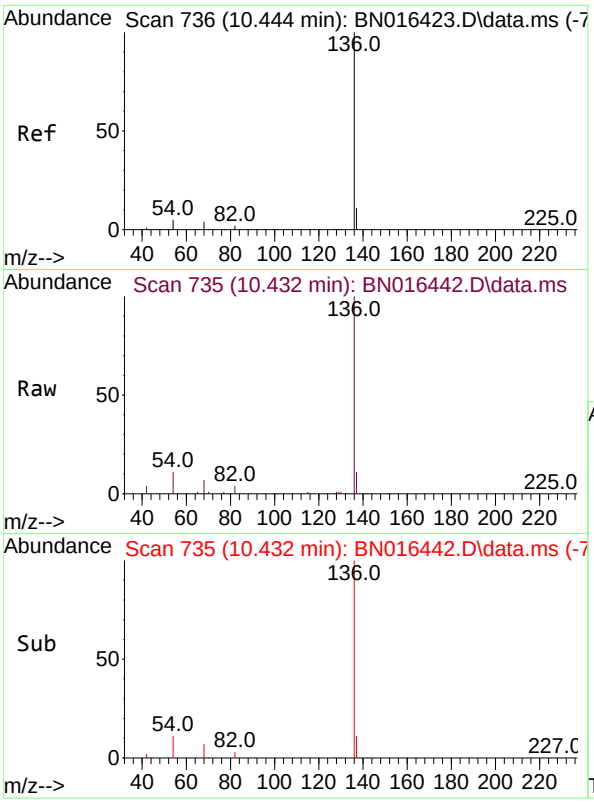


#6
bis(2-Chloroethyl)ether
Concen: 0.341 ng
RT: 7.108 min Scan# 437
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion: 93 Resp: 19859

Ion	Ratio	Lower	Upper
93	100		
63	82.1	63.4	95.0
95	31.1	26.8	40.2

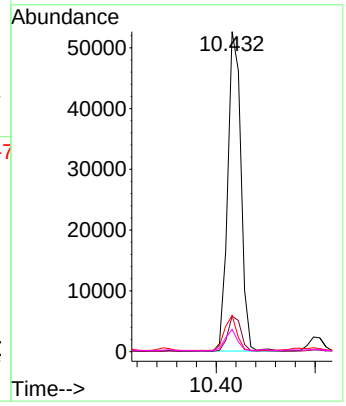




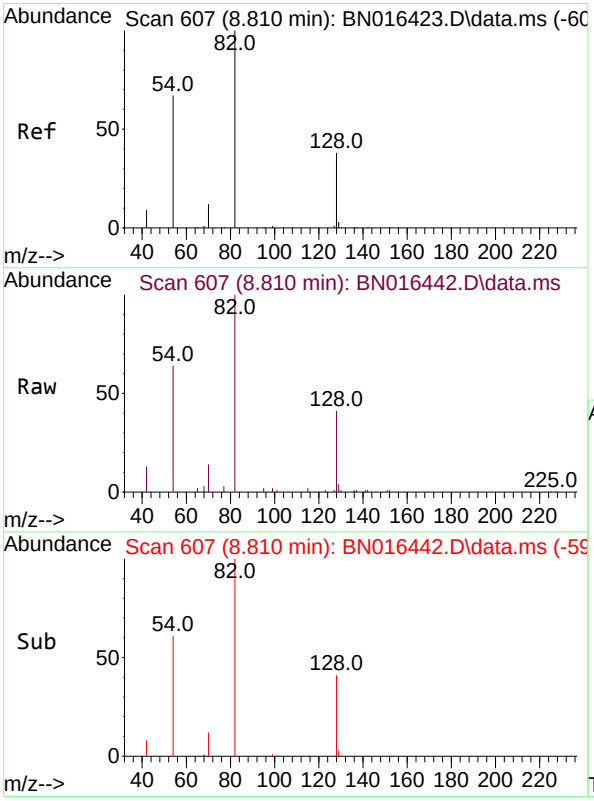
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.012 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:136 Resp: 97502

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.3	5.3	7.9#
68	7.0	3.9	5.9#



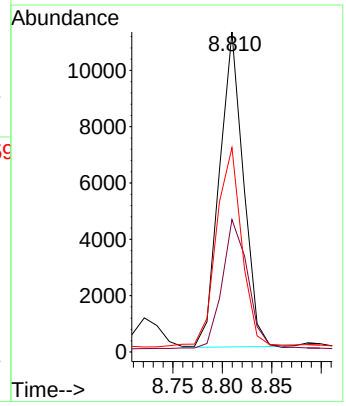
Instrument :
BNA_N
ClientSampleId :

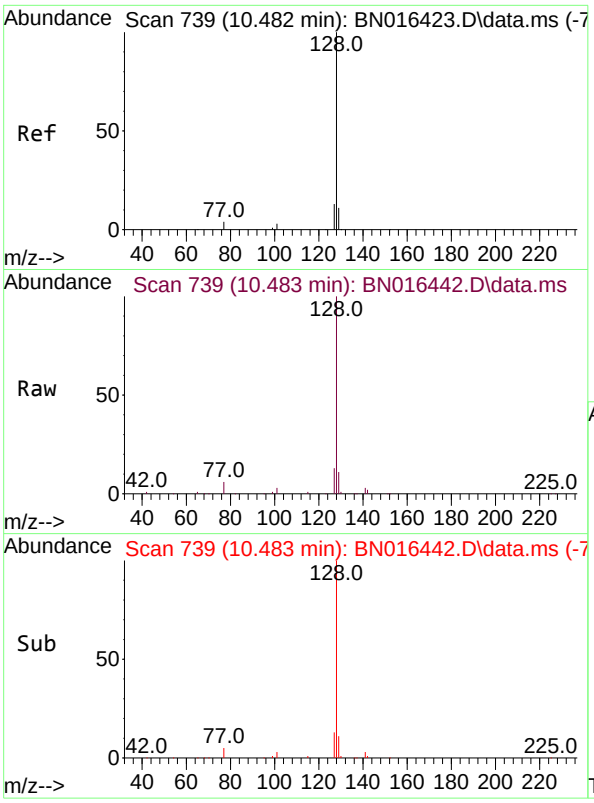


#8
Nitrobenzene-d5
Concen: 0.273 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion: 82 Resp: 18871

Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.7	47.5
54	63.8	46.4	69.6

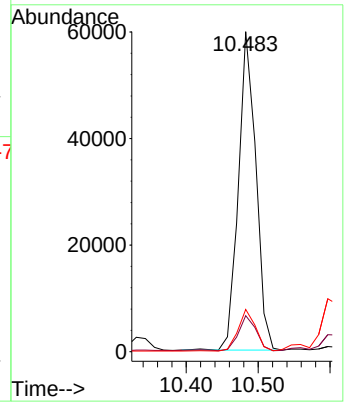




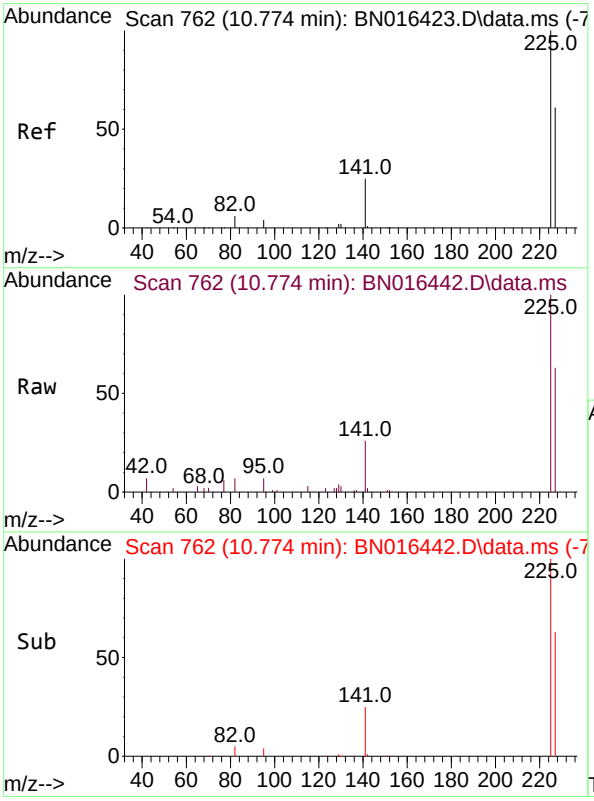
#9
Naphthalene
Concen: 0.389 ng
RT: 10.483 min Scan# 739
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:128 Resp: 101017

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.2	10.1	15.1



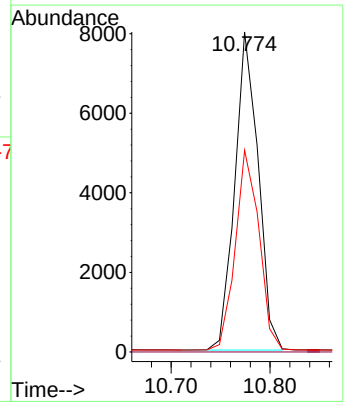
Instrument :
BNA_N
ClientSampleId :

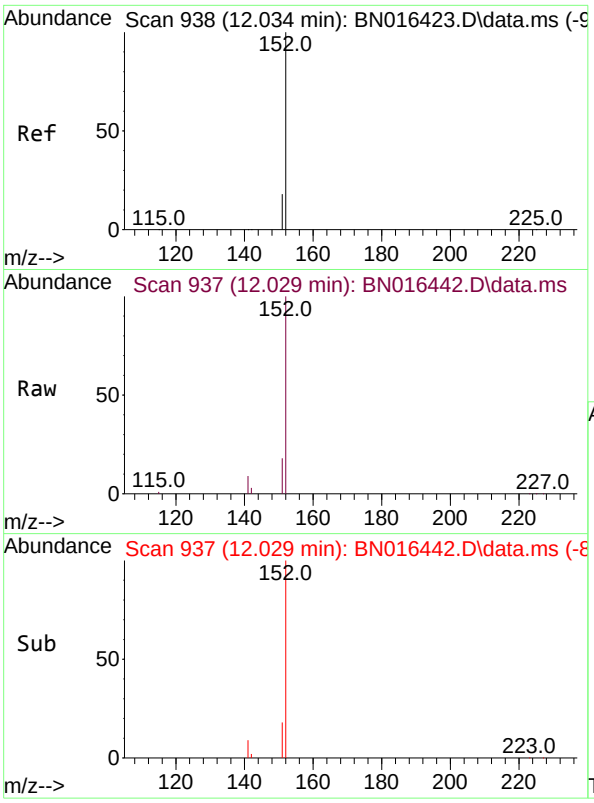


#10
Hexachlorobutadiene
Concen: 0.254 ng
RT: 10.774 min Scan# 762
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:225 Resp: 13120

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.5	77.3

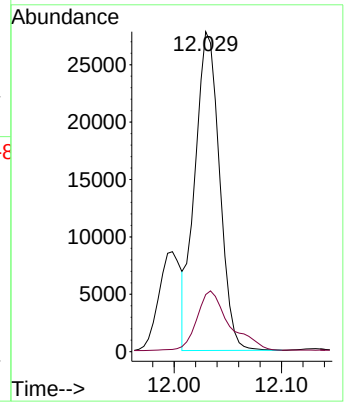




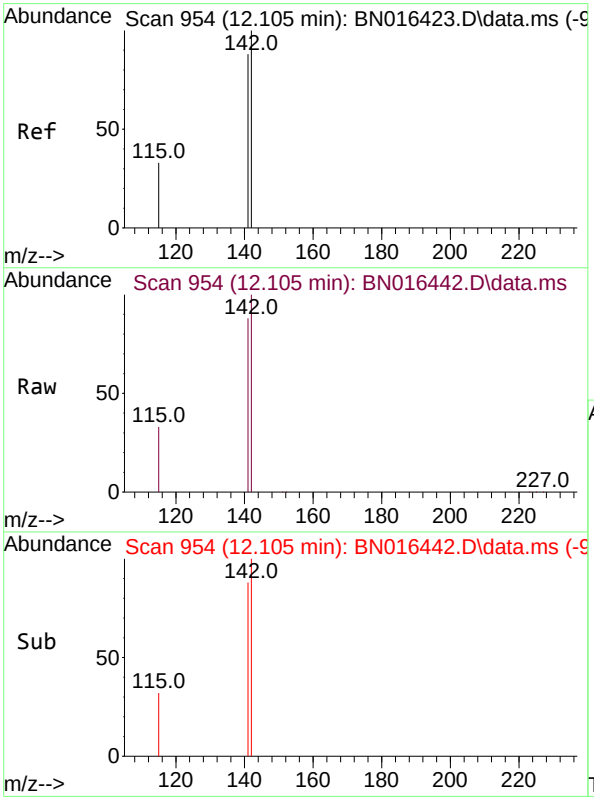
#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:152 Resp: 44175

Ion	Ratio	Lower	Upper
152	100		
151	25.0	16.1	24.1#



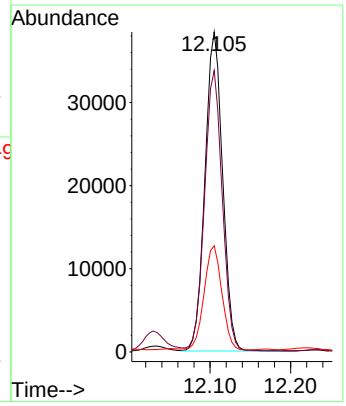
Instrument :
BNA_N
ClientSampleId :



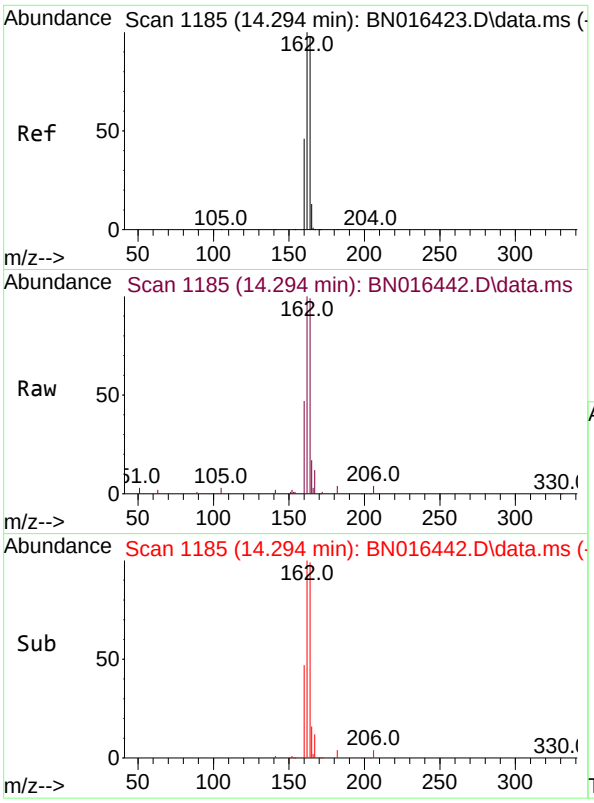
#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.105 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:142 Resp: 58432

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8
115	33.1	24.4	36.6



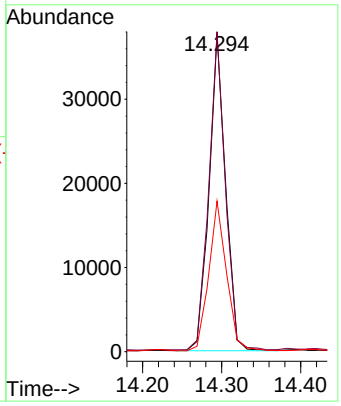
Instrument :
BNA_N
ClientSampleId :

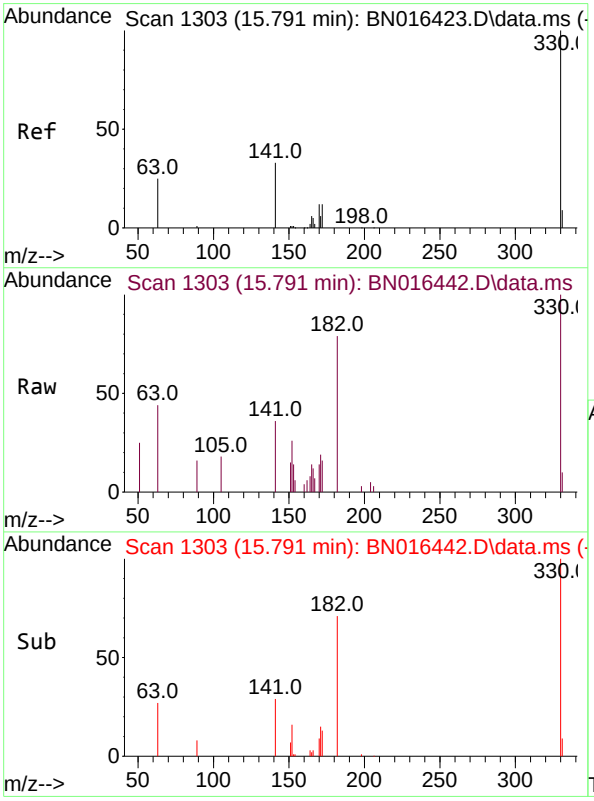


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:164 Resp: 54474

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.0	118.4
160	47.4	34.1	51.1

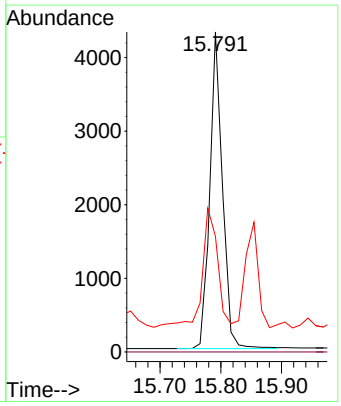


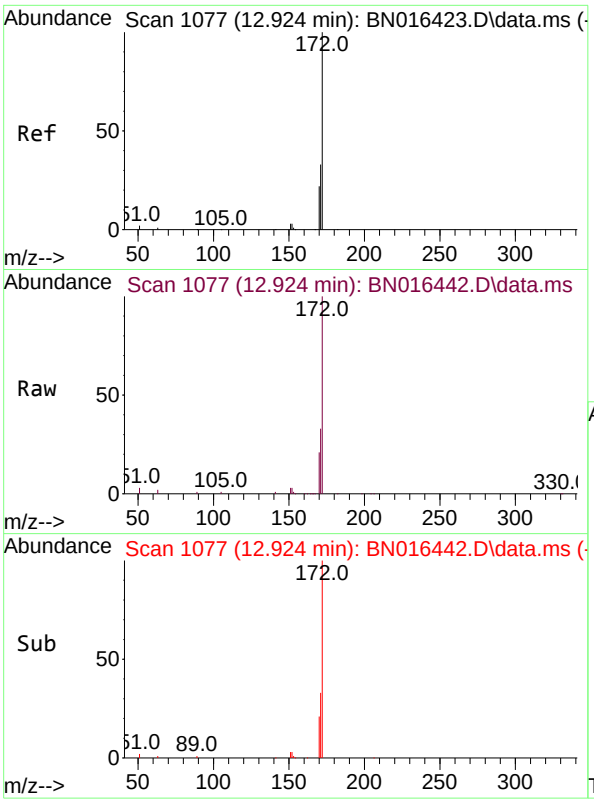


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:330 Resp: 6213

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.5	25.0	37.4#

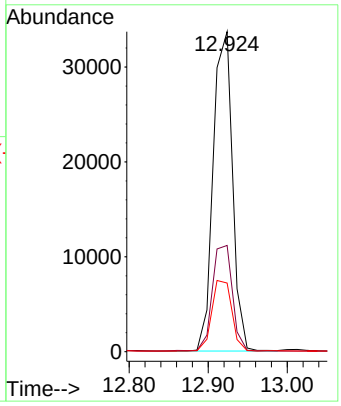




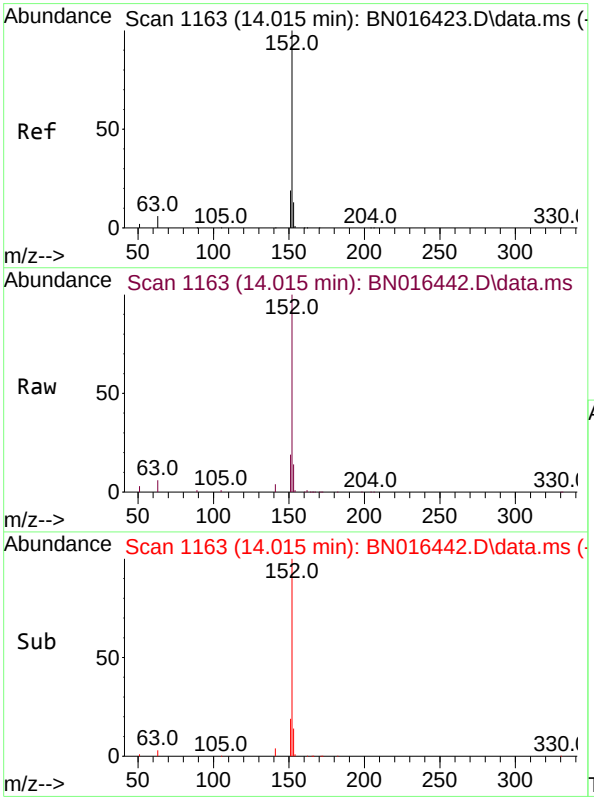
#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:172 Resp: 57092

Ion	Ratio	Lower	Upper
172	100		
171	33.2	27.8	41.6
170	21.5	18.2	27.2



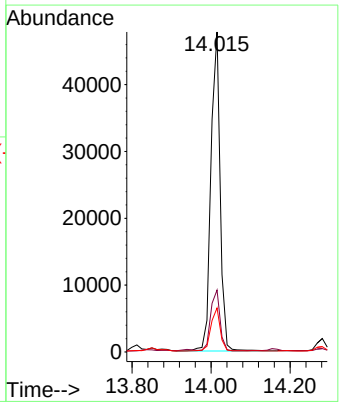
Instrument :
BNA_N
ClientSampleId :



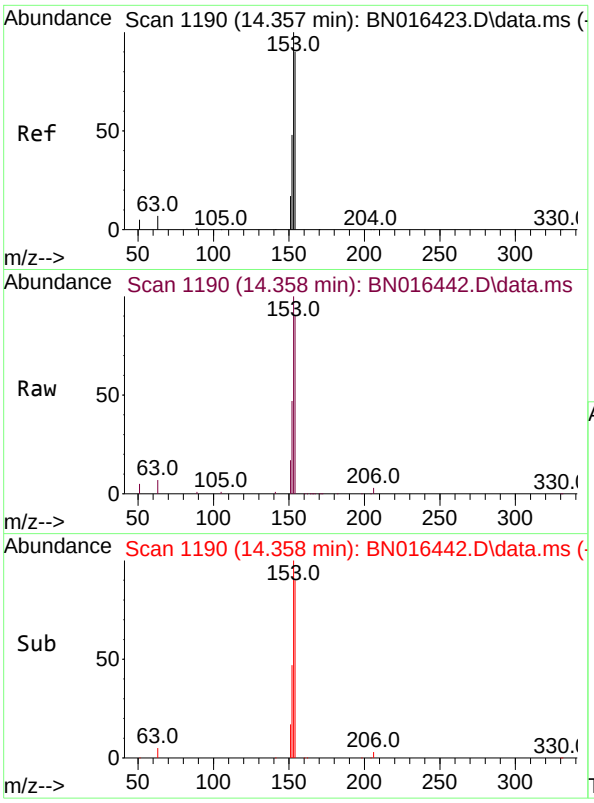
#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:152 Resp: 77404

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.2	22.8
153	13.5	10.5	15.7



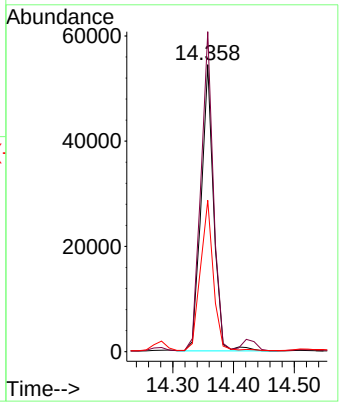
Instrument :
BNA_N
ClientSampleId :

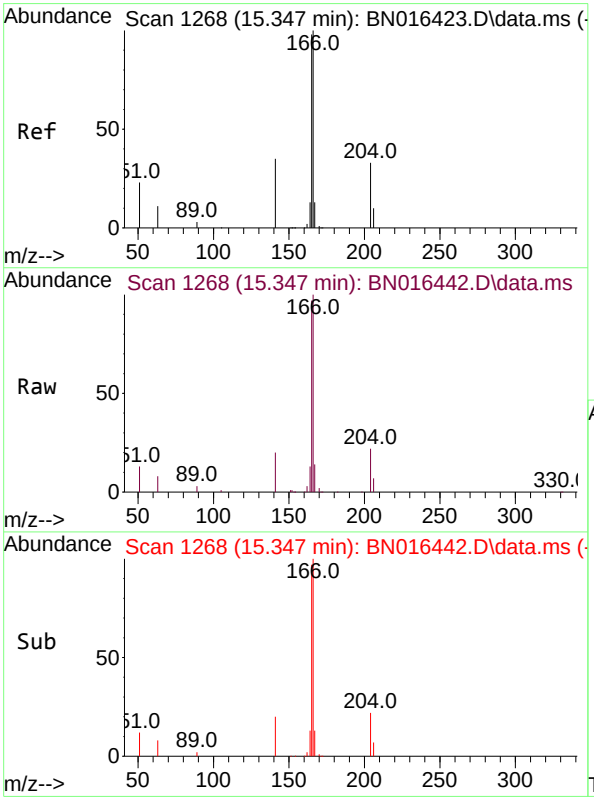


#17
Acenaphthene
Concen: 0.499 ng
RT: 14.358 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:154 Resp: 78504

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.3	133.9
152	53.8	42.2	63.4

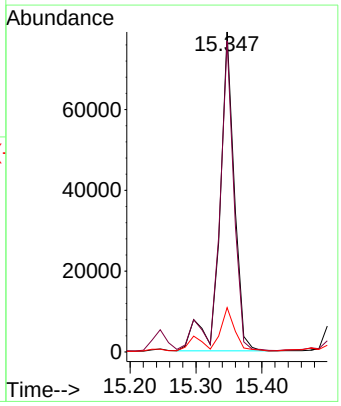


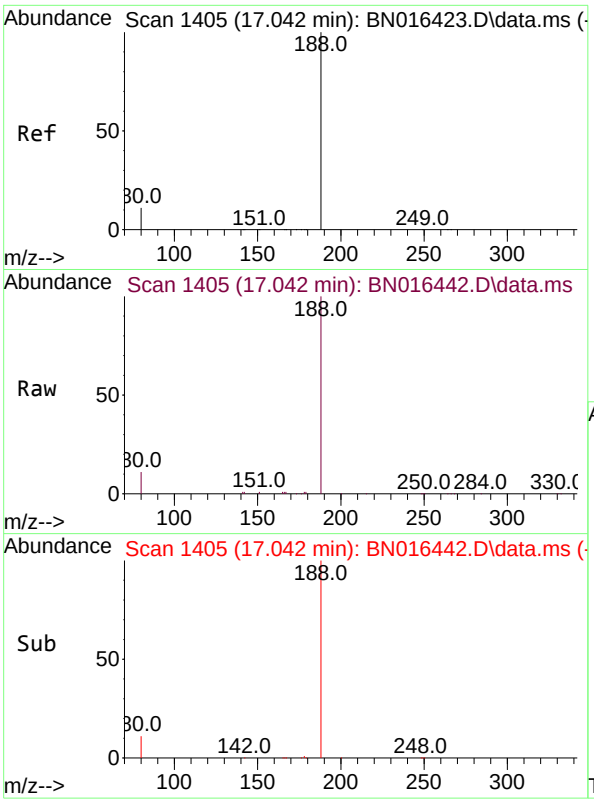


#18
Fluorene
Concen: 0.648 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:166 Resp: 122347

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.7	115.1
167	12.8	10.9	16.3

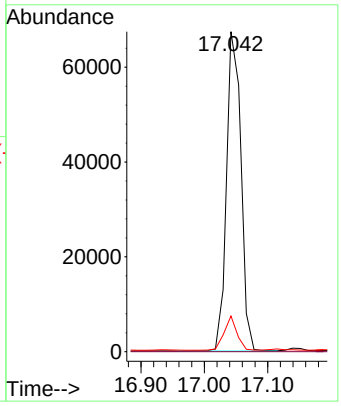




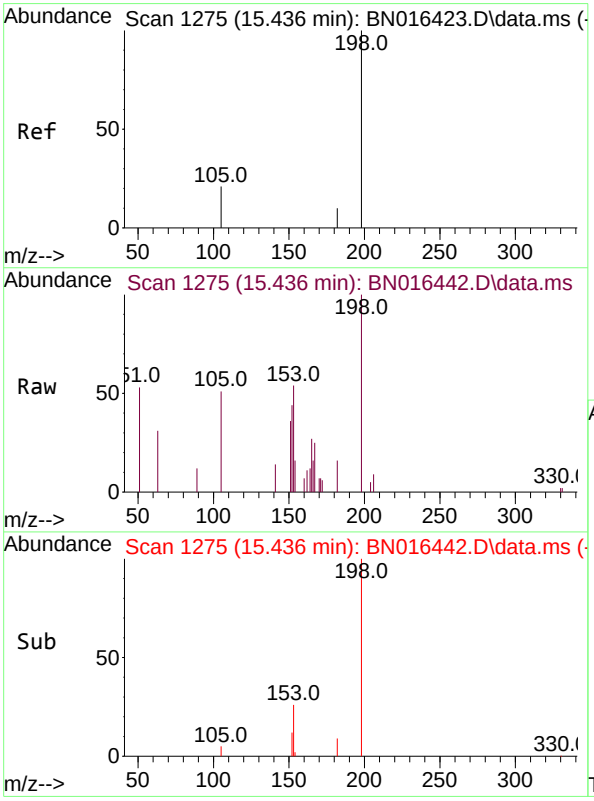
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:188 Resp: 106240

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.0	10.6#



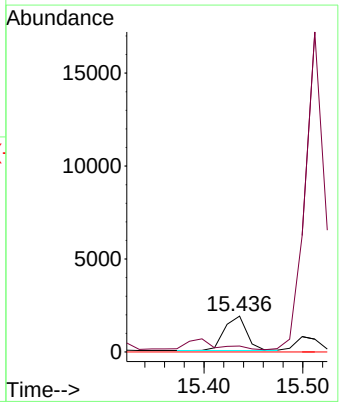
Instrument :
BNA_N
ClientSampleId :



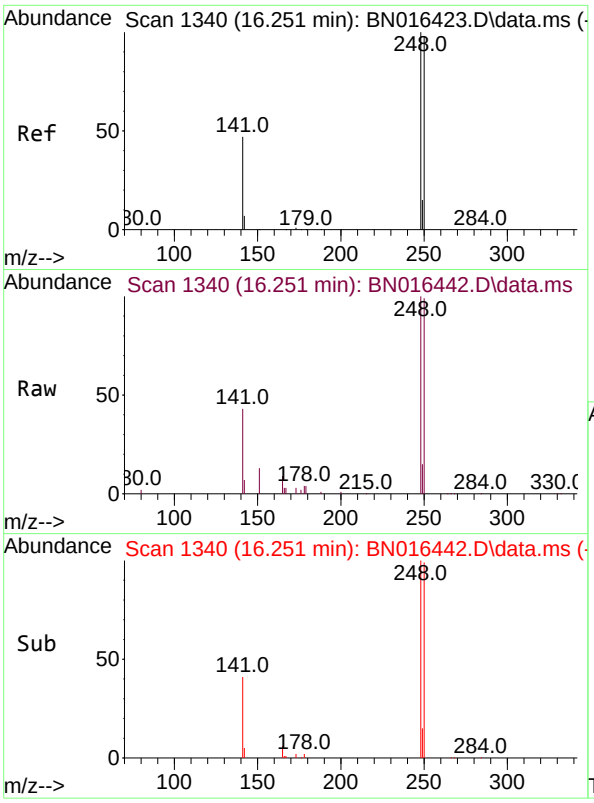
#20
4,6-Dinitro-2-methylphenol
Concen: 0.380 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:198 Resp: 2917

Ion	Ratio	Lower	Upper
198	100		
182	16.3	26.6	39.8#
77	0.0	0.0	0.0



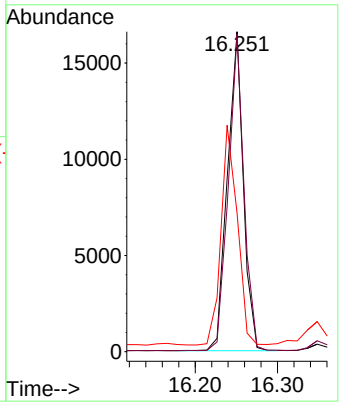
Instrument :
BNA_N
ClientSampleId :

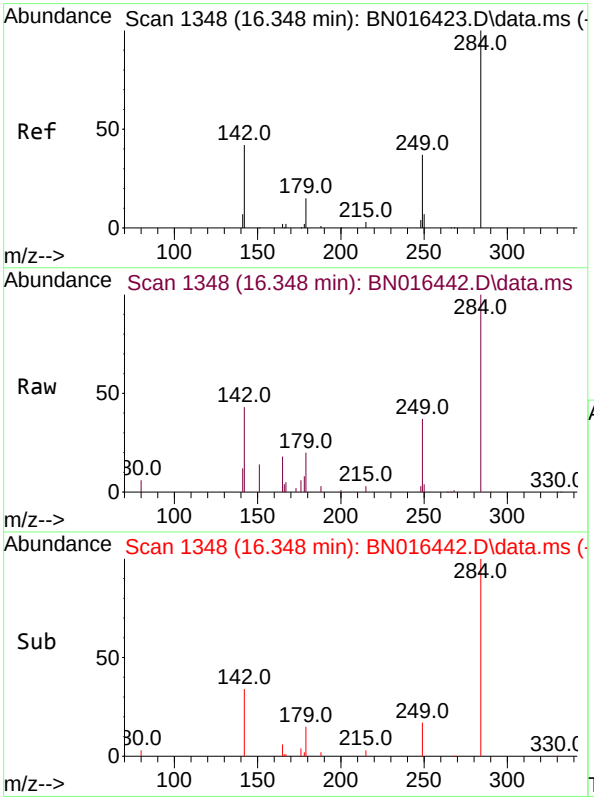


#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.251 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:248 Resp: 22278

Ion	Ratio	Lower	Upper
248	100		
250	99.3	80.5	120.7
141	43.4	34.8	52.2

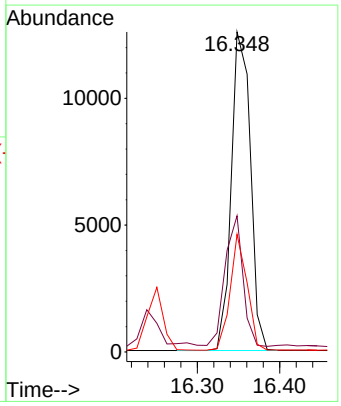


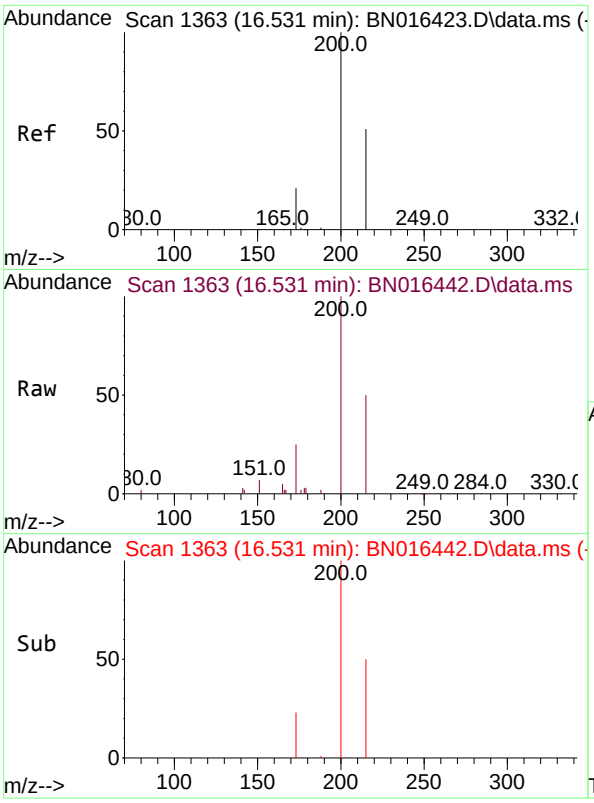


#22
Hexachlorobenzene
Concen: 0.328 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:284 Resp: 20168

Ion	Ratio	Lower	Upper
284	100		
142	38.6	22.6	34.0#
249	32.4	24.4	36.6

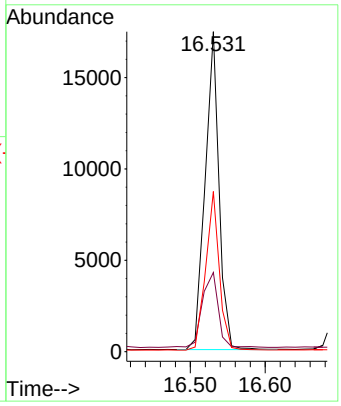




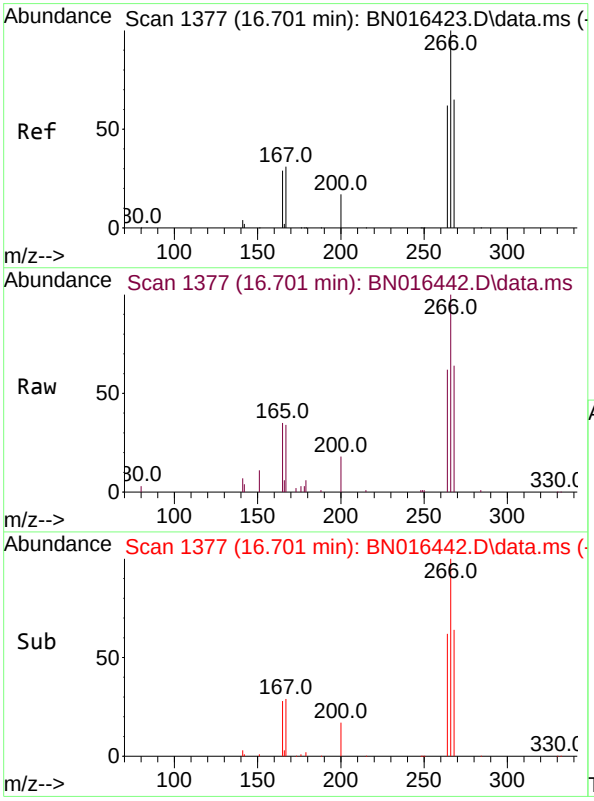
#23
Atrazine
Concen: 0.516 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:200 Resp: 22411

Ion	Ratio	Lower	Upper
200	100		
173	24.7	18.7	28.1
215	50.0	41.6	62.4



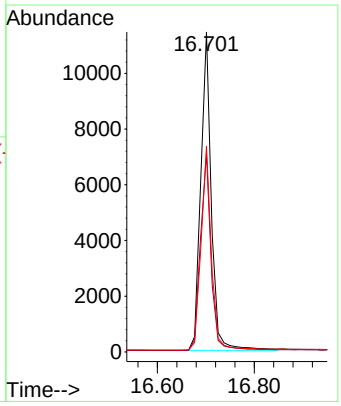
Instrument :
BNA_N
ClientSampleId :



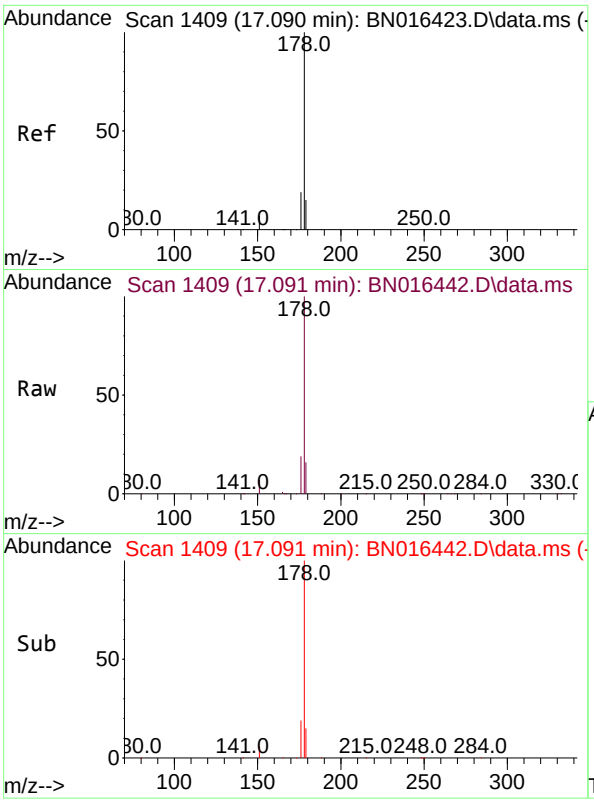
#24
Pentachlorophenol
Concen: 0.792 ng
RT: 16.701 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:266 Resp: 17299

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.6	75.8
268	63.2	52.6	79.0



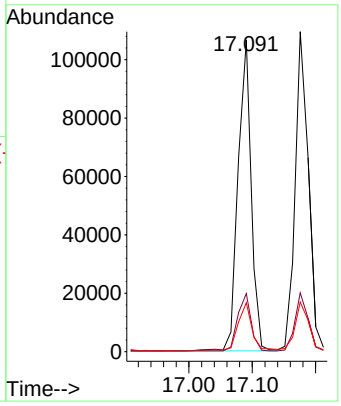
Instrument :
BNA_N
ClientSampleId :

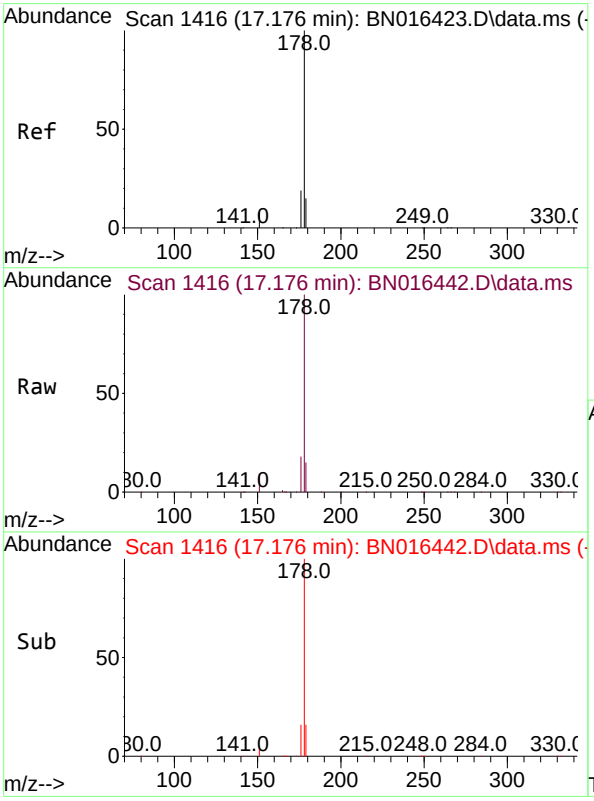


#25
Phenanthrene
Concen: 0.489 ng
RT: 17.091 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:178 Resp: 154568

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.4	21.6
179	16.5	12.2	18.4

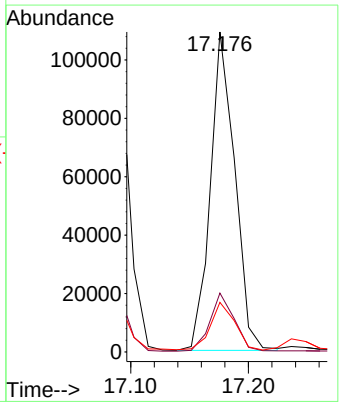


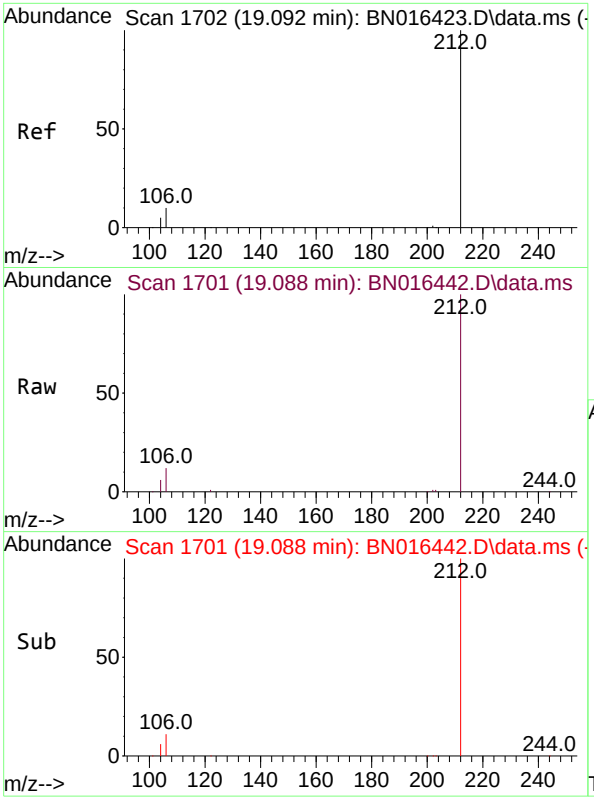


#26
Anthracene
Concen: 0.597 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:178 Resp: 157292

Ion	Ratio	Lower	Upper
178	100		
176	18.3	13.9	20.9
179	15.0	12.2	18.4

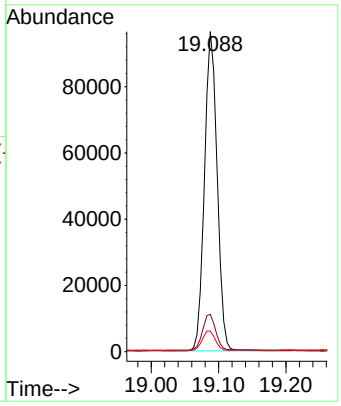




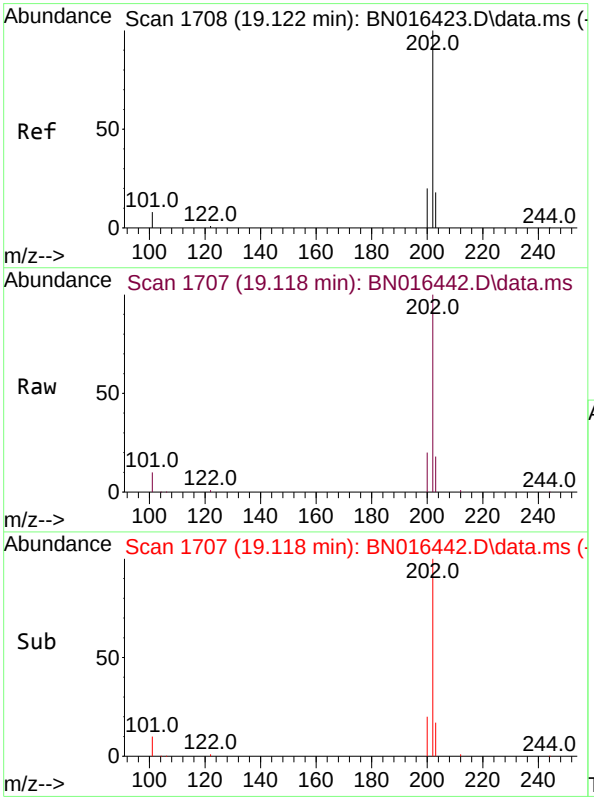
#27
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.088 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:212 Resp: 125615

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.8	14.6
104	6.4	5.4	8.2



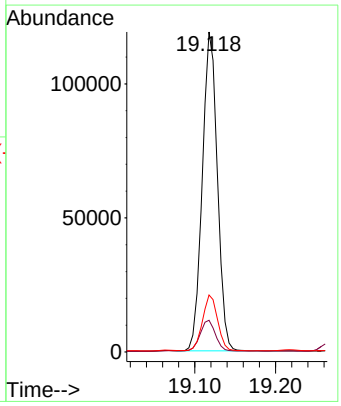
Instrument :
BNA_N
ClientSampleId :

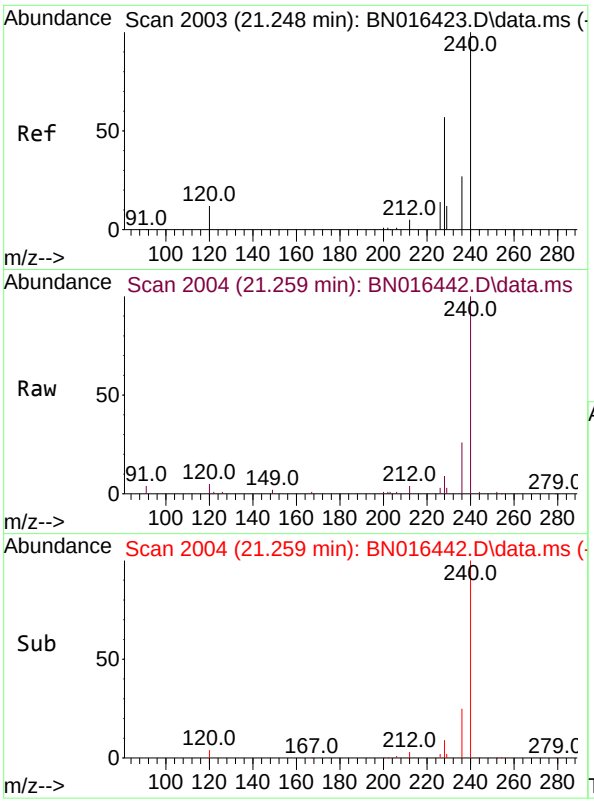


#28
Fluoranthene
Concen: 0.445 ng
RT: 19.118 min Scan# 1707
Delta R.T. -0.005 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:202 Resp: 154278

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.5	12.7
203	17.5	13.8	20.8

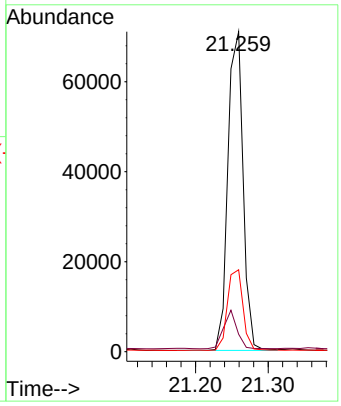




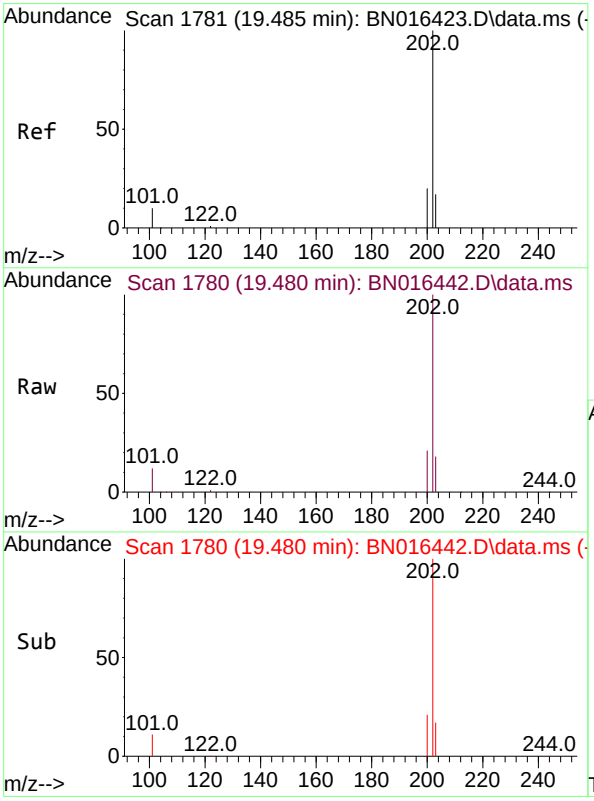
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:240 Resp: 102834

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.3	7.9
236	25.6	19.8	29.8



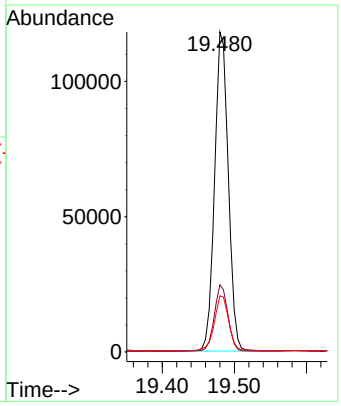
Instrument :
BNA_N
ClientSampleId :

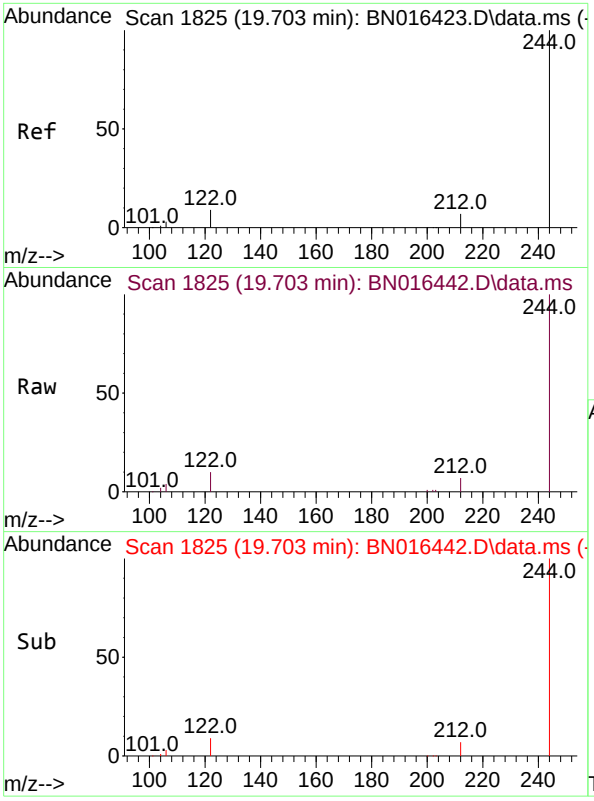


#30
Pyrene
Concen: 0.482 ng
RT: 19.480 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:202 Resp: 155119

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.8	23.6
203	18.0	13.9	20.9

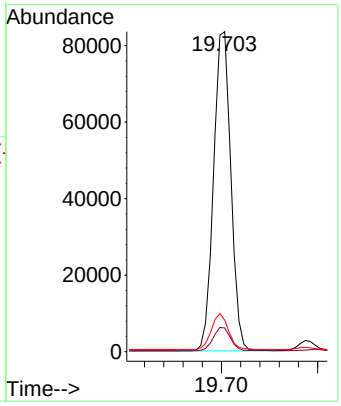


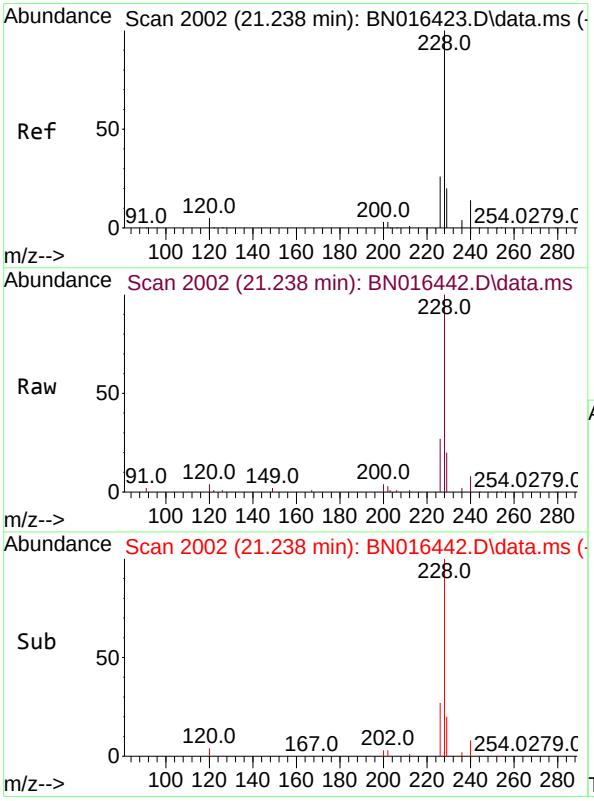


#31
Terphenyl-d14
Concen: 0.435 ng
RT: 19.703 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:244 Resp: 104011

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	9.9	9.0	13.4

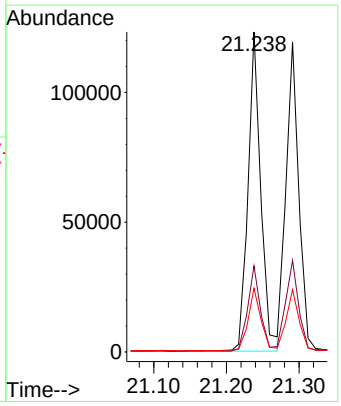




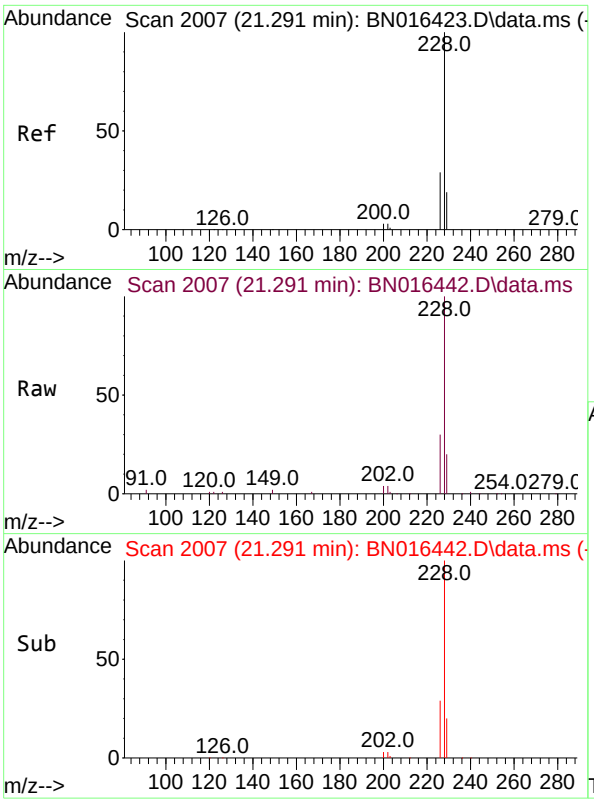
#32
Benzo(a)anthracene
Concen: 0.505 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:228 Resp: 150567

Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.8	31.2
229	19.9	15.8	23.6



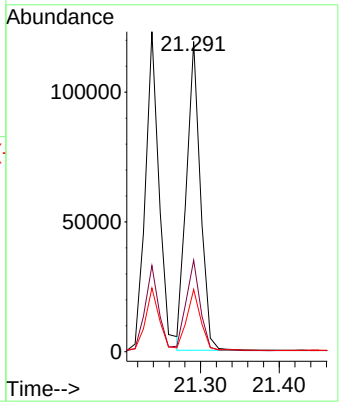
Instrument :
BNA_N
ClientSampleId :



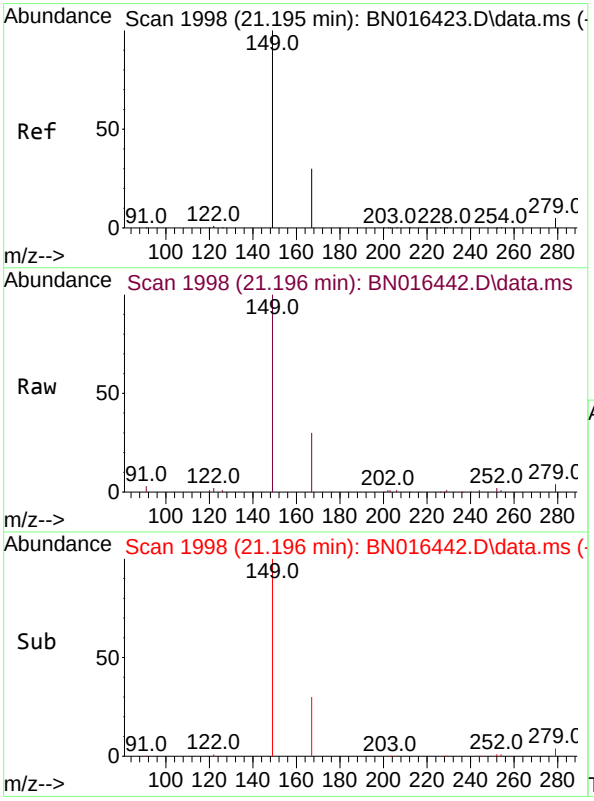
#33
Chrysene
Concen: 0.455 ng
RT: 21.291 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:228 Resp: 145726

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.4
229	20.1	15.6	23.4



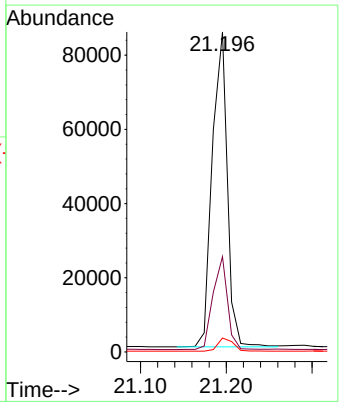
Instrument :
BNA_N
ClientSampleId :

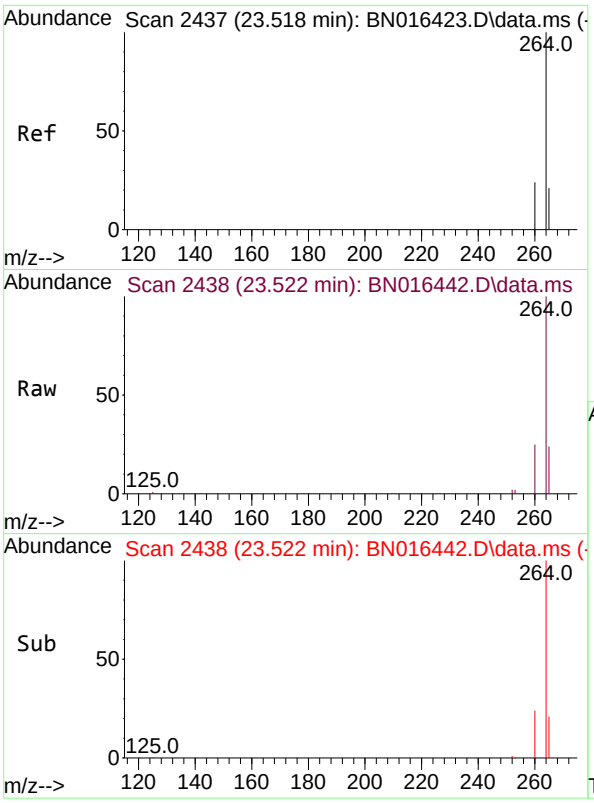


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.270 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:149 Resp: 103274

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	4.3	3.9	5.9

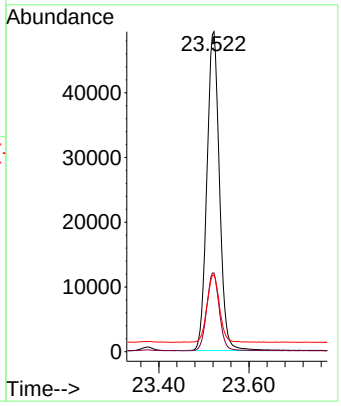




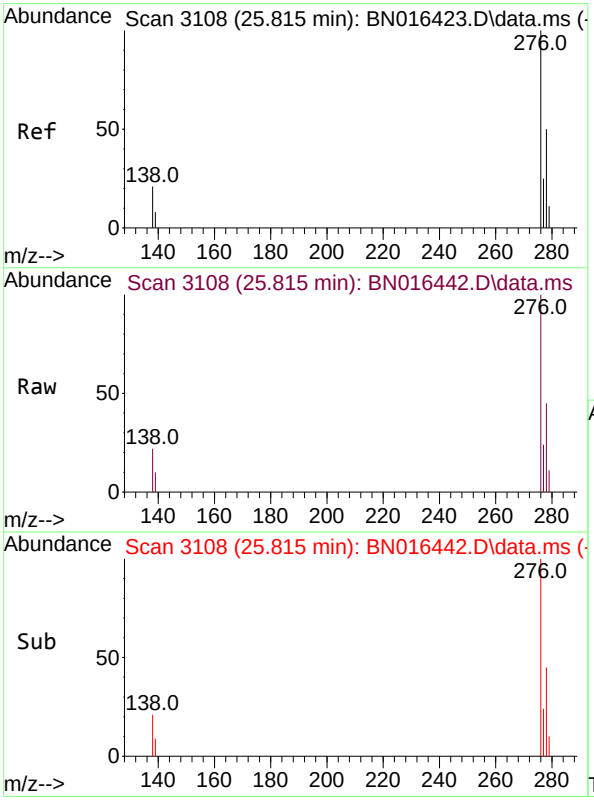
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2438
Delta R.T. 0.004 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:264 Resp: 95254

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	24.0	23.7	35.5



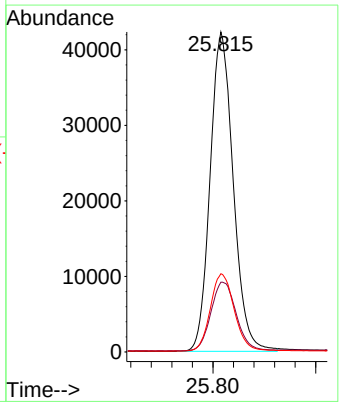
Instrument :
BNA_N
ClientSampleId :

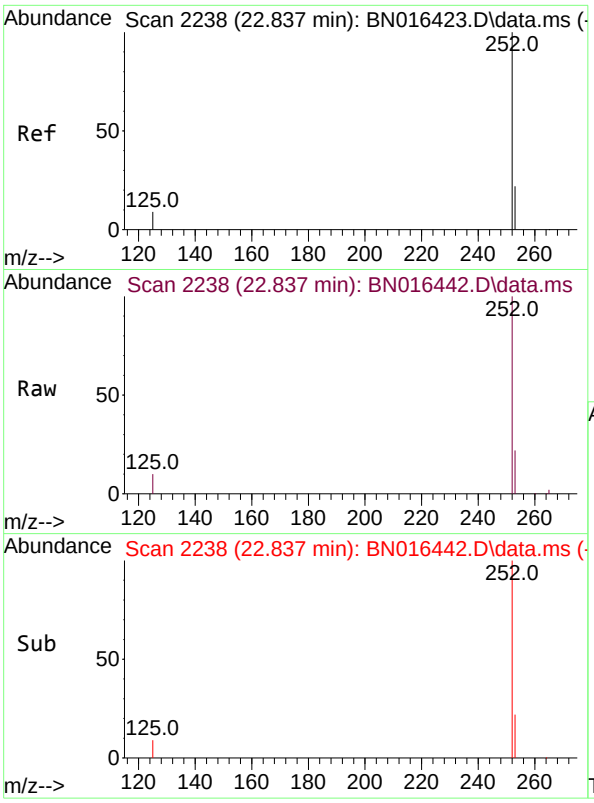


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 25.815 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:276 Resp: 131930

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.3	28.9
277	25.0	20.2	30.2

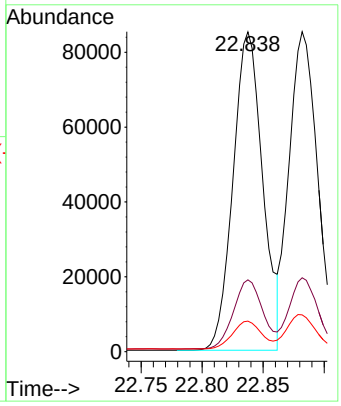




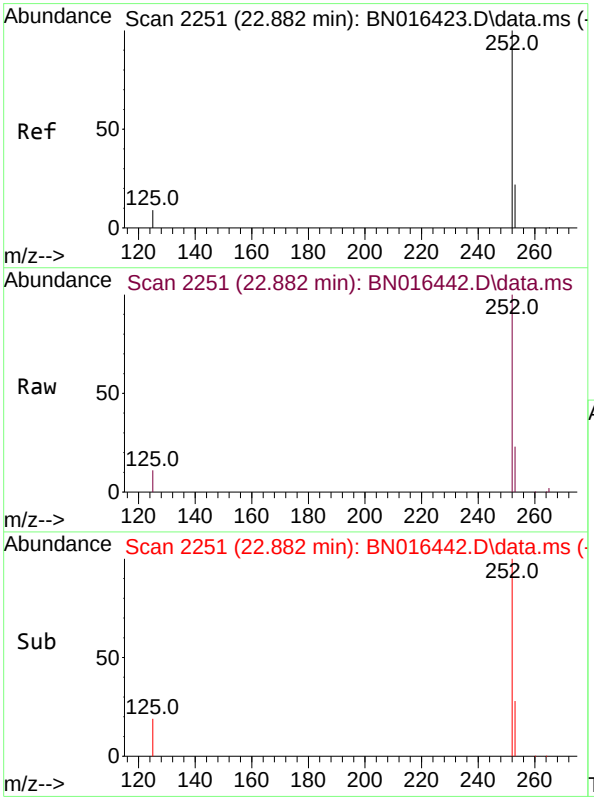
#37
Benzo(b)fluoranthene
Concen: 0.450 ng
RT: 22.837 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:252 Resp: 143260

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.6	8.4	12.6



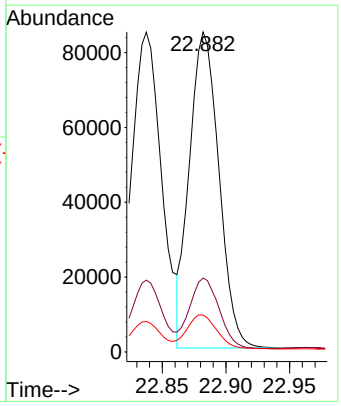
Instrument :
BNA_N
ClientSampleId :

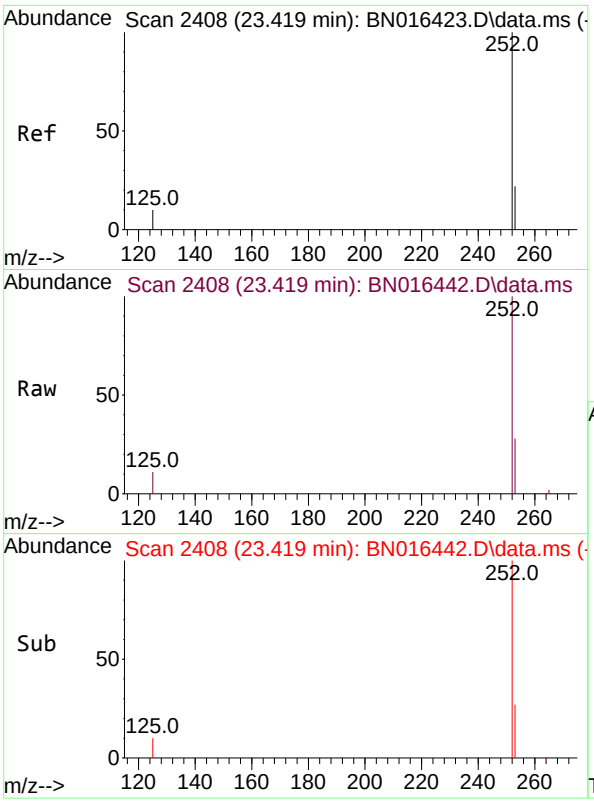


#38
Benzo(k)fluoranthene
Concen: 0.442 ng
RT: 22.882 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:252 Resp: 135869

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.5	8.2	12.4

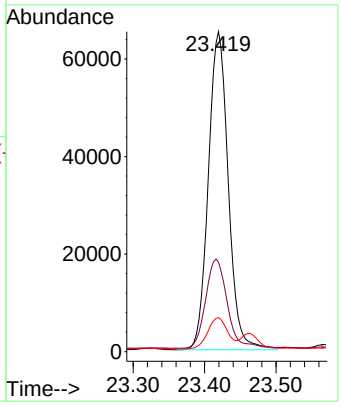




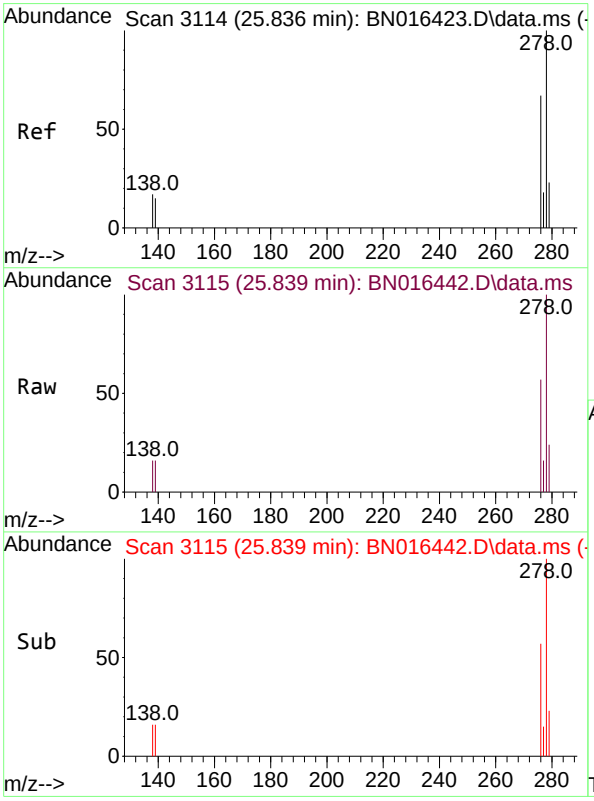
#39
Benzo(a)pyrene
Concen: 0.487 ng
RT: 23.419 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:252 Resp: 126451

Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.7	28.1
125	10.7	9.9	14.9



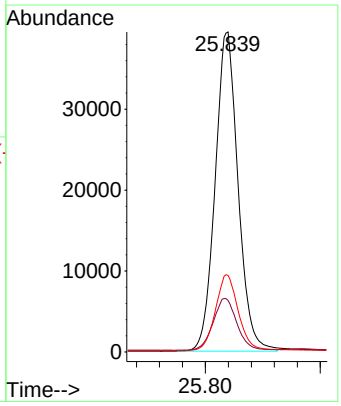
Instrument :
BNA_N
ClientSampleId :

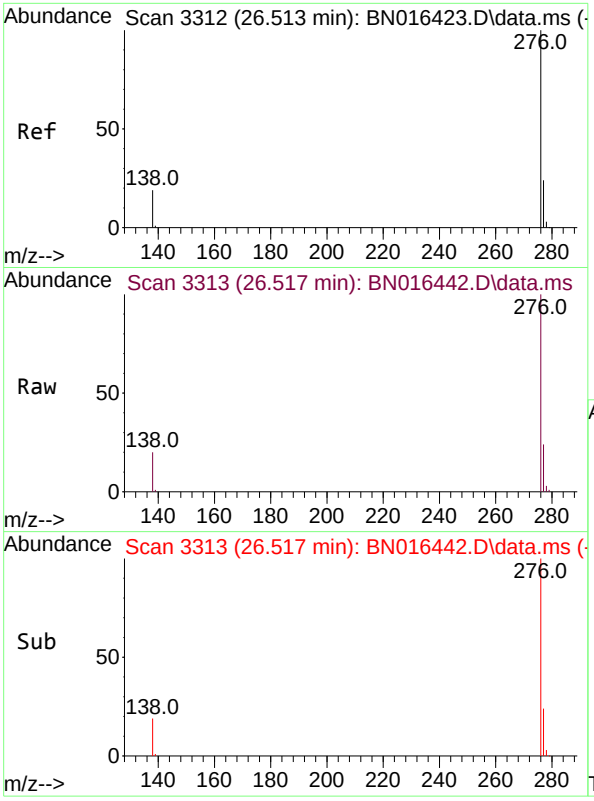


#40
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.839 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:278 Resp: 109355

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.2
279	23.9	21.3	31.9

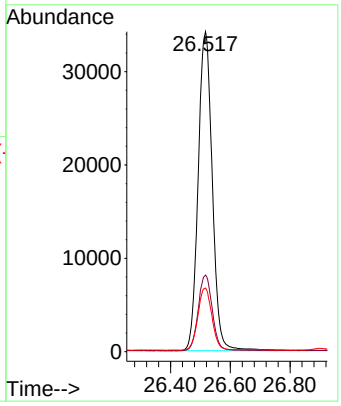




#41
Benzo(g,h,i)perylene
Concen: 0.415 ng
RT: 26.517 min Scan# 3313
Delta R.T. 0.004 min
Lab File: BN016442.D
Acq: 24 Sep 2021 17:58

Tgt Ion:276 Resp: 112051

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.5	30.7
138	19.9	18.2	27.4



Instrument :
BNA_N
ClientSampleId :