Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016911.D
Acq On : 12 Oct 2021 23:36
Operator : CG/JU
Sample : PB139723BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139783BL

Quant Time: Oct 13 02:25:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	22517	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	99897	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	50822	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	92557	0.400	ng	0.00
29) Chrysene-d12	21.227	240	79301	0.400	ng	0.00
35) Perylene-d12	23.471	264	83093	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.328	112	17081	0.334	ng	0.04
5) Phenol-d6	6.886	99	14049	0.247	ng	0.02
8) Nitrobenzene-d5	8.835	82	17801	0.280	ng	0.01
11) 2-Methylnaphthalene-d10	12.038	152	47185	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4232	0.184	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	58379	0.303	ng	0.00
27) Fluoranthene-d10	19.073	212	76810	0.330	ng	0.00
31) Terphenyl-d14	19.679	244	61960	0.356	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.604	42	287	0.017	ng	# 1
6) bis(2-Chloroethyl)ether	7.135	93	24	0.000	ng	# 47
9) Naphthalene	10.495	128	224	0.001	ng	# 35
10) Hexachlorobutadiene	10.800	225	5	0.000	ng	# 44
12) 2-Methylnaphthalene	12.110	142	59	0.000	ng	# 60
16) Acenaphthylene	14.015	152	42	0.000	ng	# 82
17) Acenaphthene	14.294	154	114	0.001	ng	# 7
18) Fluorene	15.347	166	20	0.000	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.461	198	11	0.199	ng	# 1
21) 4-Bromophenyl-phenylether	16.190	248	6	0.000	ng	# 51
22) Hexachlorobenzene	16.324	284	5	0.000	ng	# 43
23) Atrazine	16.506	200	2	0.089	ng	# 1
24) Pentachlorophenol	16.726	266	15	0.198	ng	# 61
25) Phenanthrene	17.078	178	180	0.001	ng	# 82
26) Anthracene	17.176	178	59	0.000	ng	# 70
28) Fluoranthene	19.103	202	193	0.001	ng	# 64
30) Pyrene	19.465	202	156	0.001	ng	# 91
32) Benzo(a)anthracene	21.227	228	437	0.002	ng	# 72
33) Chrysene	21.259	228	308	0.001	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.164	149	445	0.195	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.761	276	430	0.001	ng	# 62
37) Benzo(b)fluoranthene	22.803	252	445	0.002	ng	# 1
38) Benzo(k)fluoranthene	22.848	252	372	0.001	ng	# 1
39) Benzo(a)pyrene	23.375	252	215	0.001	ng	# 1
40) Dibenzo(a,h)anthracene	25.781	278	279	0.001	ng	# 1
41) Benzo(g,h,i)perylene	26.449	276	383	0.001	ng	# 21

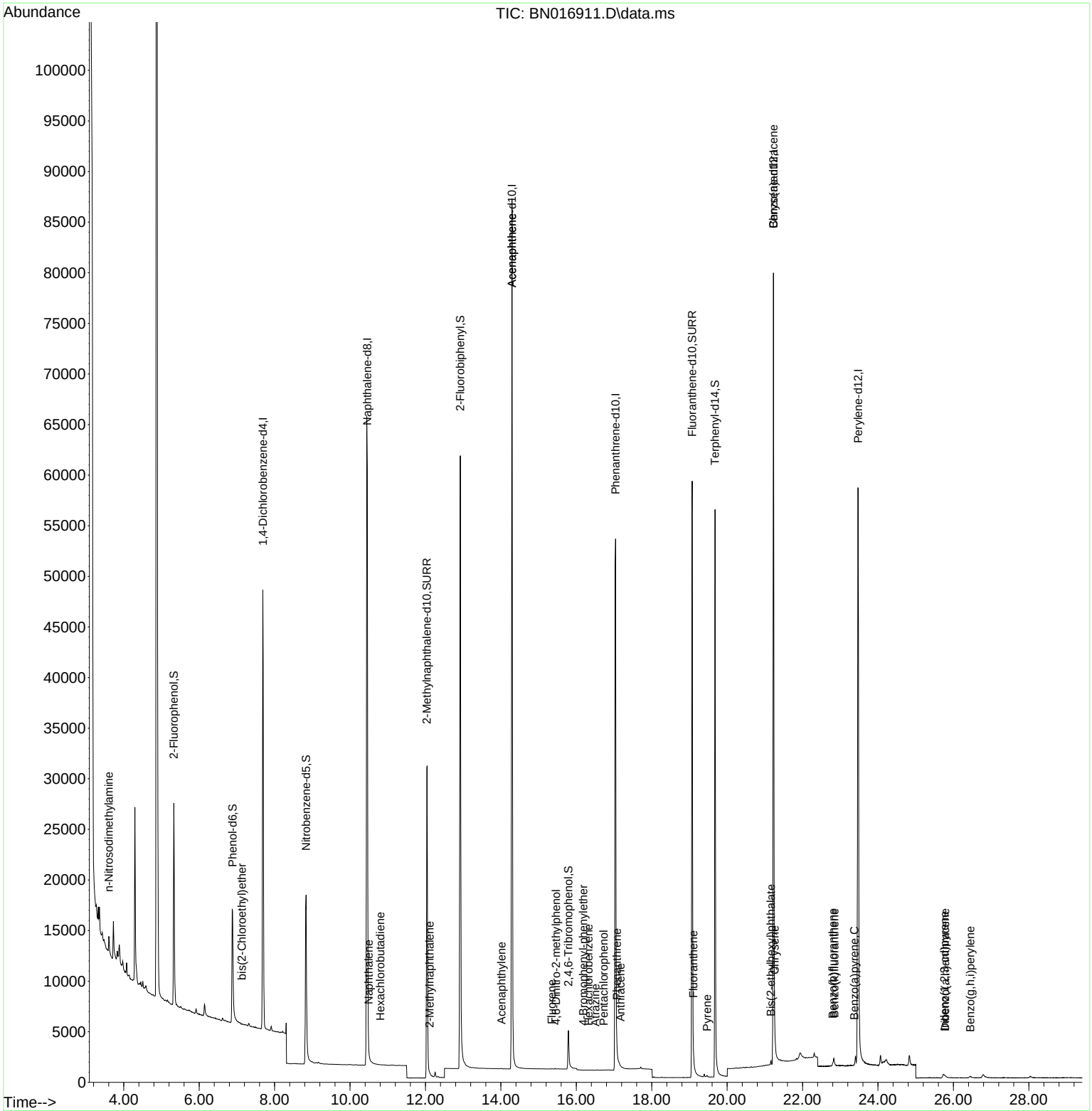
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

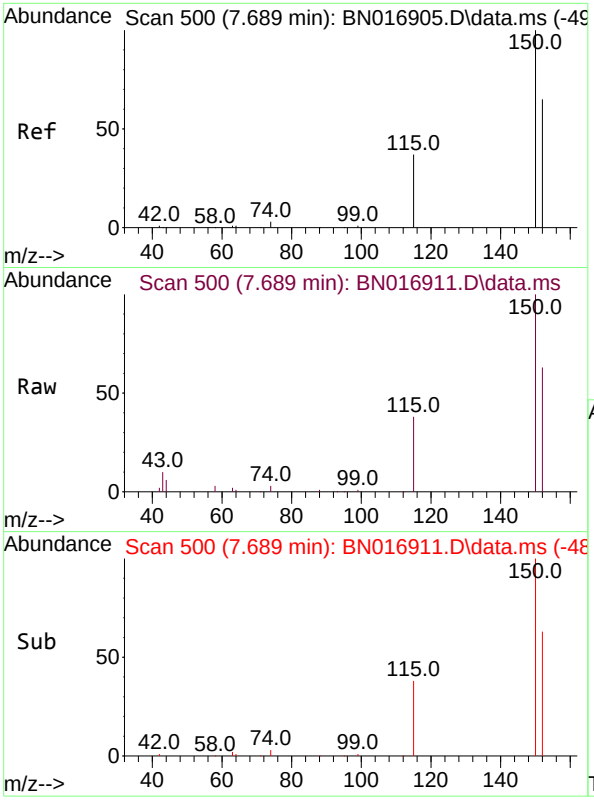
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016911.D
Acq On : 12 Oct 2021 23:36
Operator : CG/JU
Sample : PB139723BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139783BL

Quant Time: Oct 13 02:25:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration



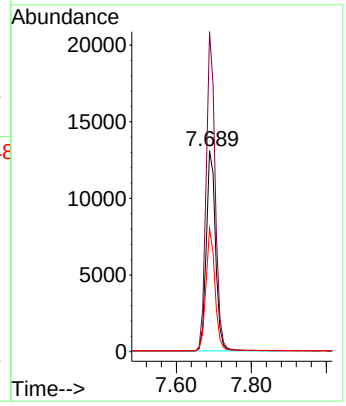
Instrument :
BNA_N
ClientSampleId :
PB139783BL

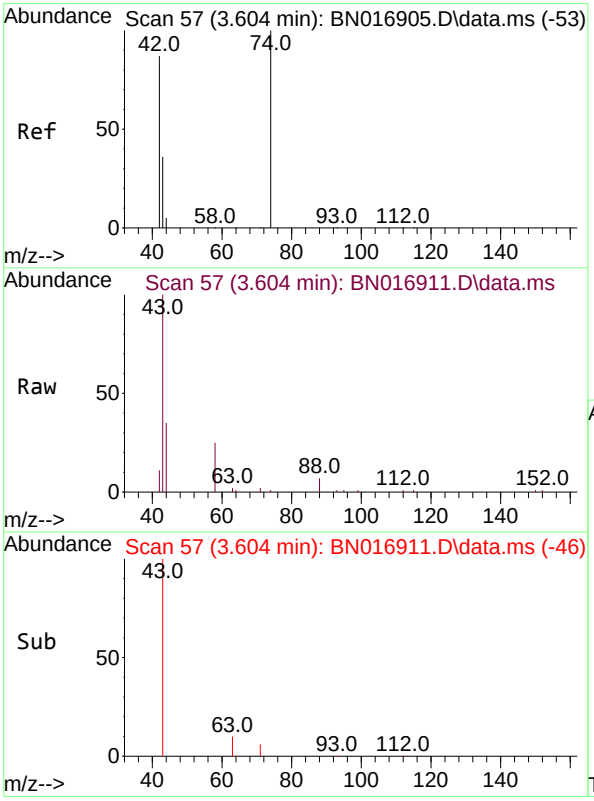


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 500
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:152 Resp: 22517

Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.6	183.8
115	61.3	46.1	69.1

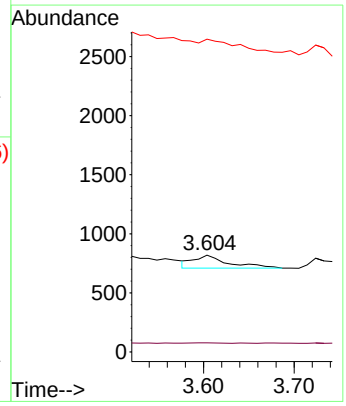




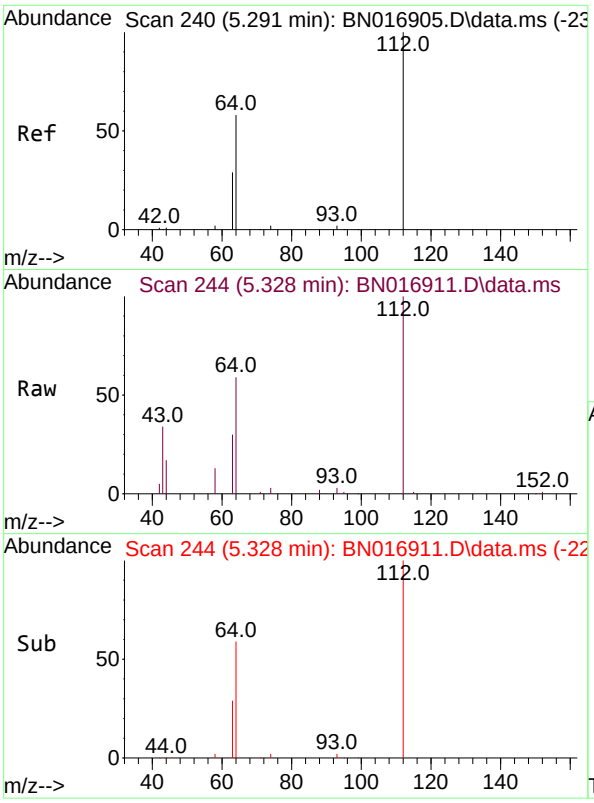
#3
n-Nitrosodimethylamine
Concen: 0.017 ng
RT: 3.604 min Scan# 57
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion: 42 Resp: 287

Ion	Ratio	Lower	Upper
42	100		
74	2.8	114.4	171.6#
44	0.0	5.7	8.5#



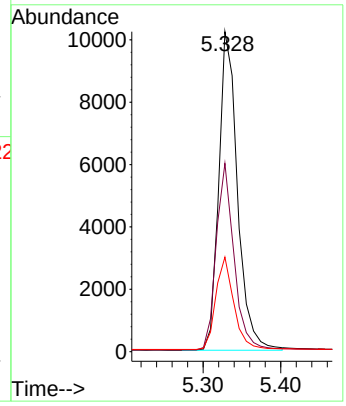
Instrument :
BNA_N
ClientSampleId :
PB139783BL

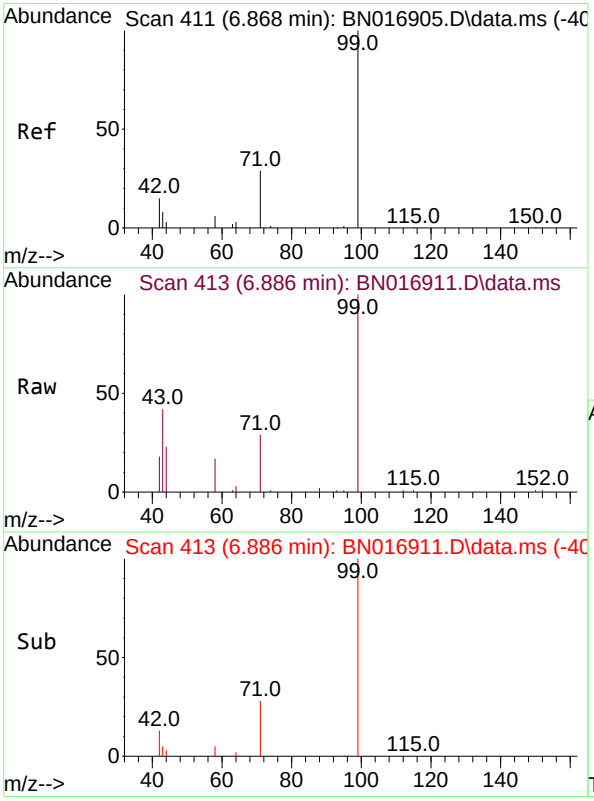


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.328 min Scan# 244
Delta R.T. 0.037 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:112 Resp: 17081

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	28.1	22.6	33.8

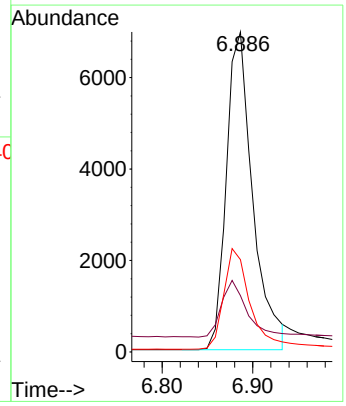




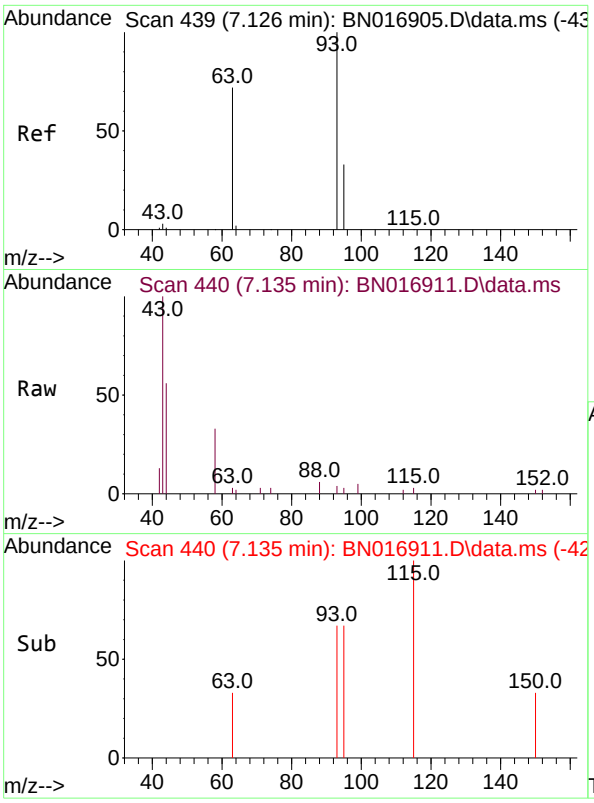
#5
Phenol-d6
Concen: 0.247 ng
RT: 6.886 min Scan# 413
Delta R.T. 0.018 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion: 99 Resp: 14049

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.2	21.4
71	31.2	24.5	36.7



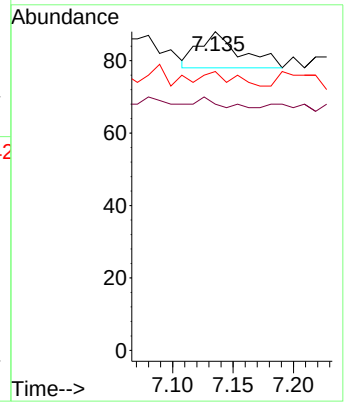
Instrument :
BNA_N
ClientSampleId :
PB139783BL

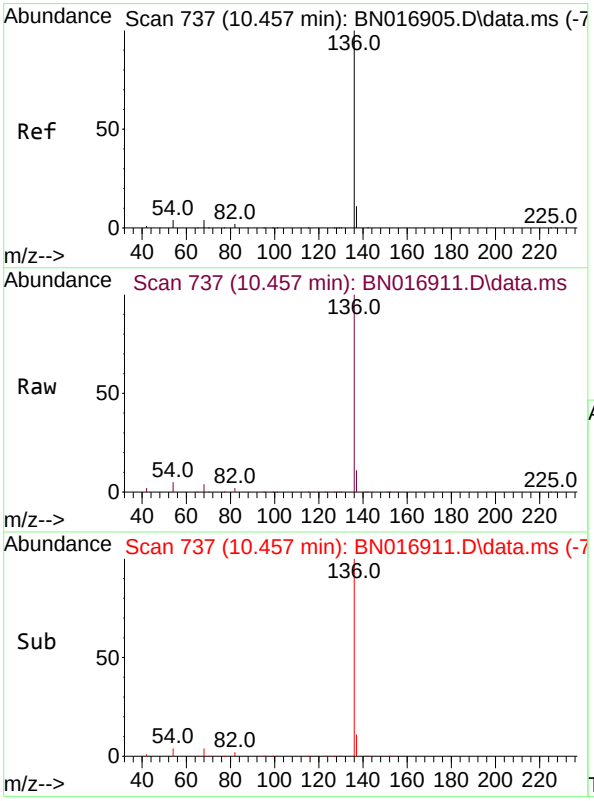


#6
bis(2-Chloroethyl)ether
Concen: 0.000 ng
RT: 7.135 min Scan# 440
Delta R.T. 0.009 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion: 93 Resp: 24

Ion	Ratio	Lower	Upper
93	100		
63	12.5	60.3	90.5#
95	29.2	26.2	39.4

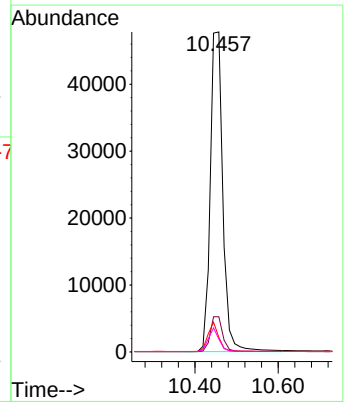


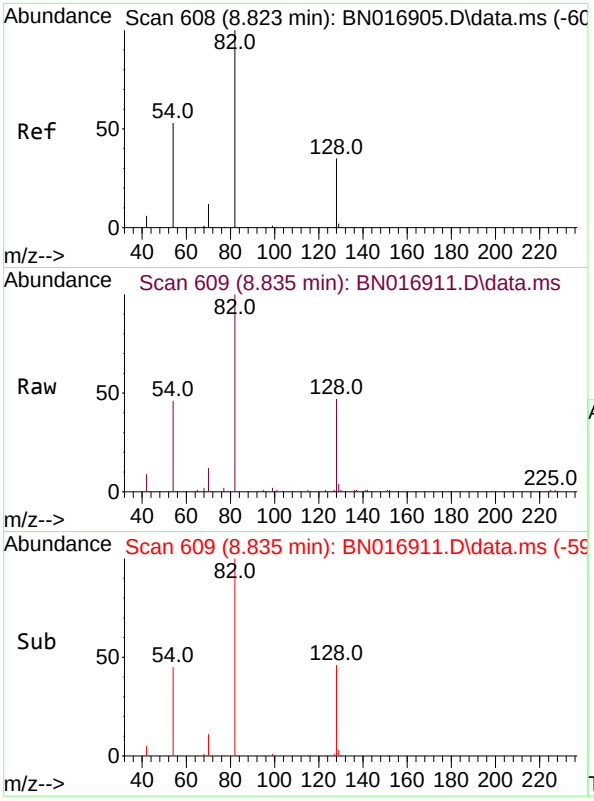


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:136 Resp: 99897

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	4.6	3.7	5.5
68	4.0	3.2	4.8

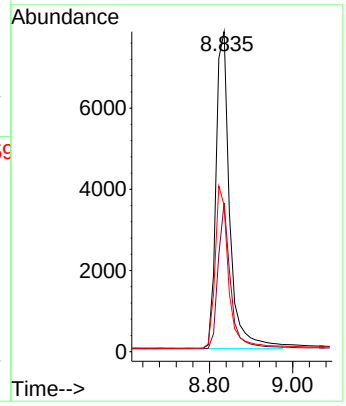




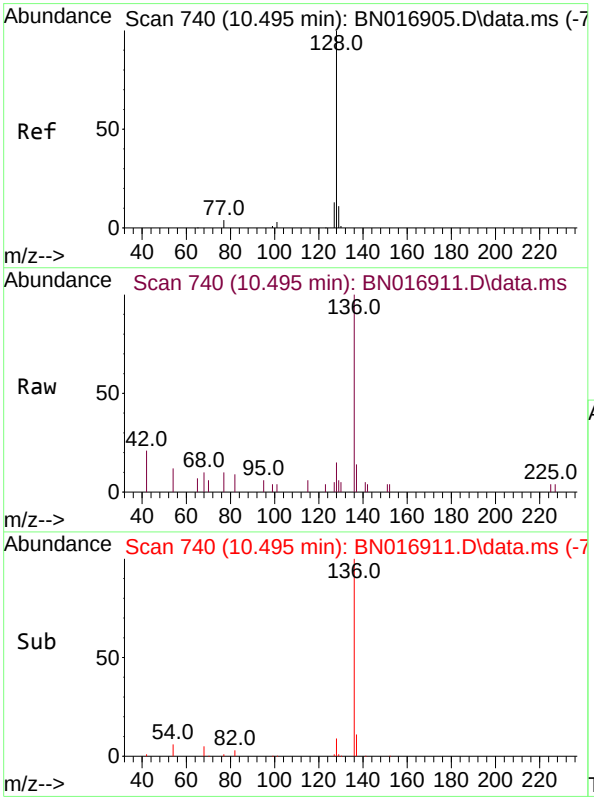
#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.013 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion: 82 Resp: 17801

Ion	Ratio	Lower	Upper
82	100		
128	46.5	28.3	42.5#
54	45.8	43.0	64.4



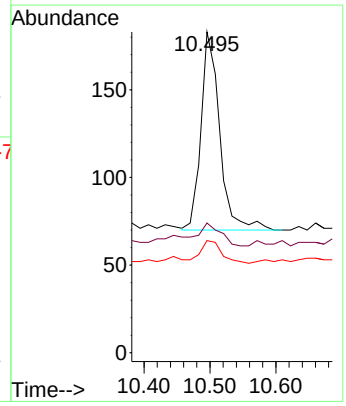
Instrument :
BNA_N
ClientSampleId :
PB139783BL



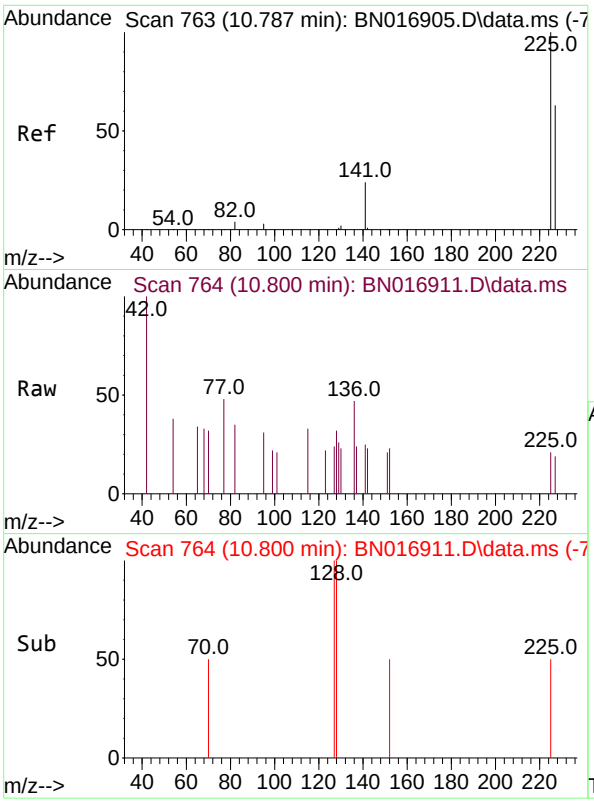
#9
Naphthalene
Concen: 0.001 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:128 Resp: 224

Ion	Ratio	Lower	Upper
128	100		
129	40.4	8.7	13.1#
127	35.0	10.6	16.0#



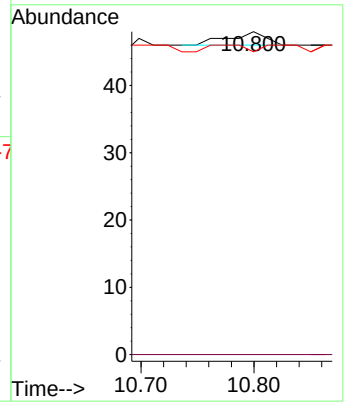
Instrument :
BNA_N
ClientSampleId :
PB139783BL

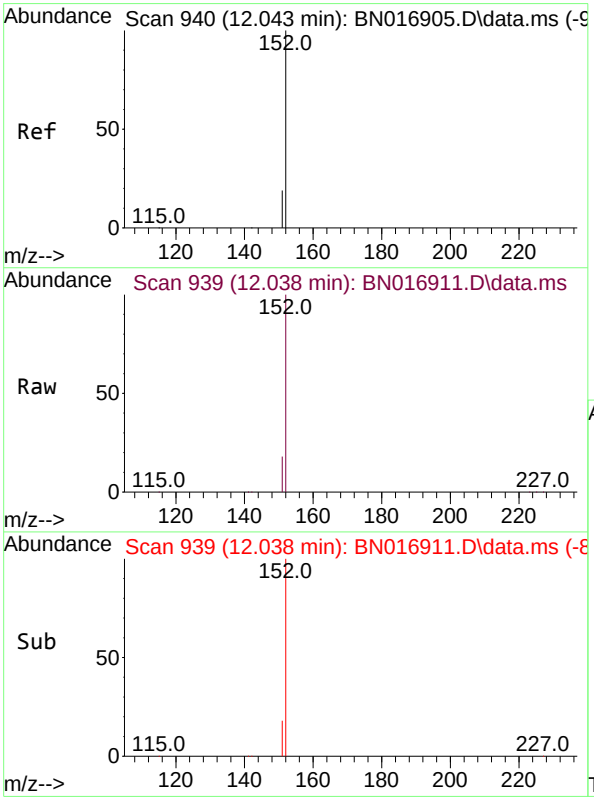


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.800 min Scan# 764
Delta R.T. 0.013 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	20.0	51.1	76.7#

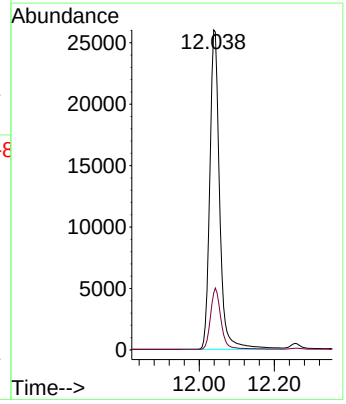




#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:152 Resp: 47185

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4



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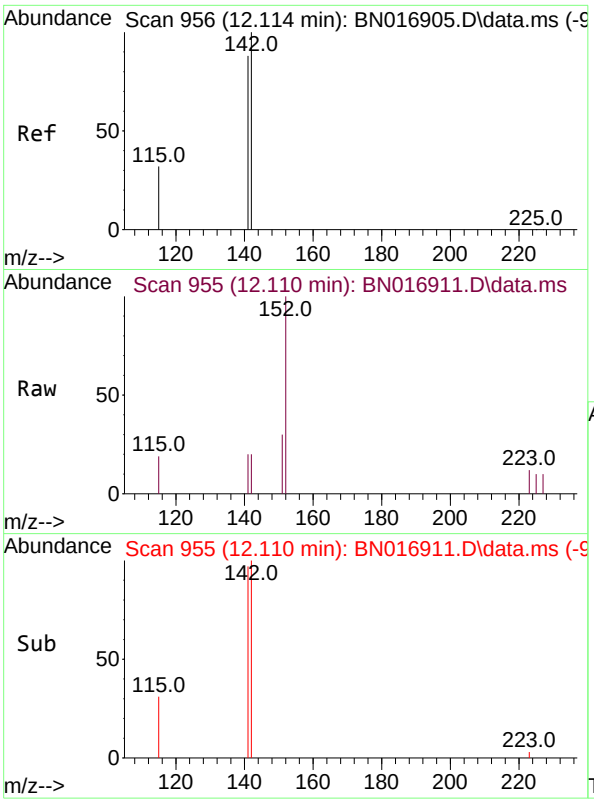
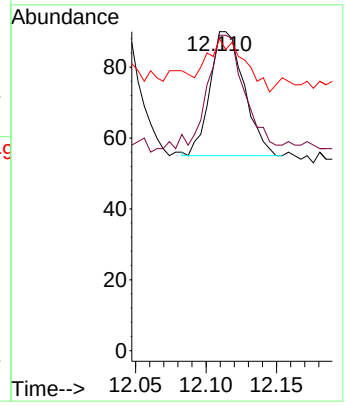
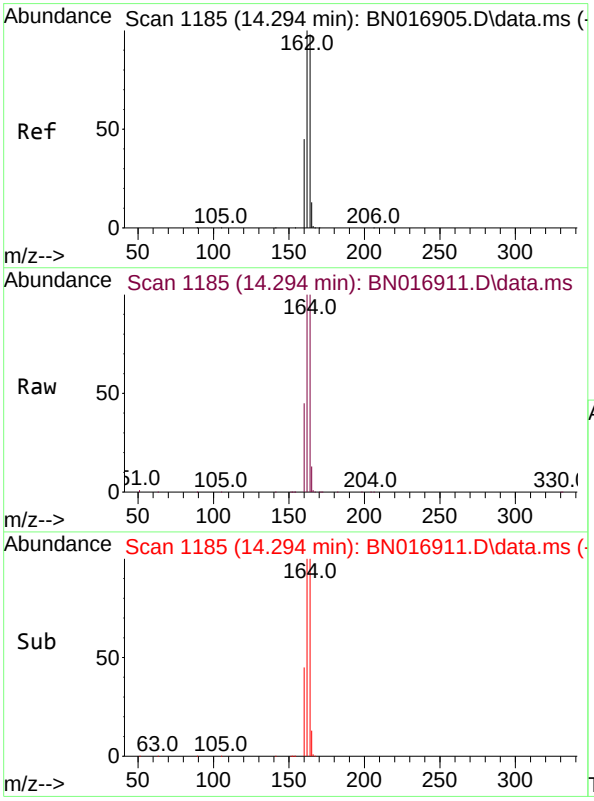


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.110 min Scan# 955
Delta R.T. -0.005 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:142 Resp: 59

Ion	Ratio	Lower	Upper
142	100		
141	98.9	70.5	105.7
115	97.8	26.0	39.0#

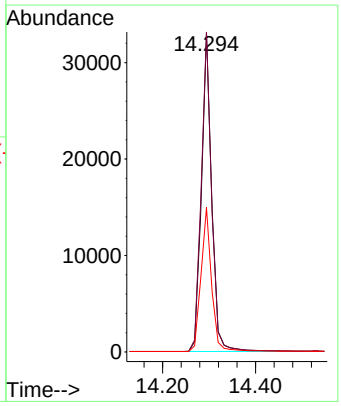




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:164 Resp: 50822

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.0
160	45.2	37.0	55.4



Instrument :
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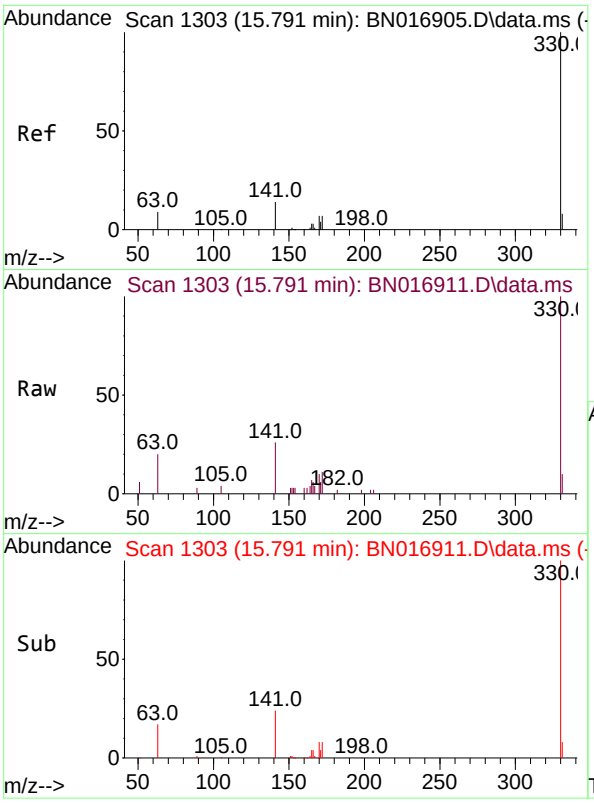
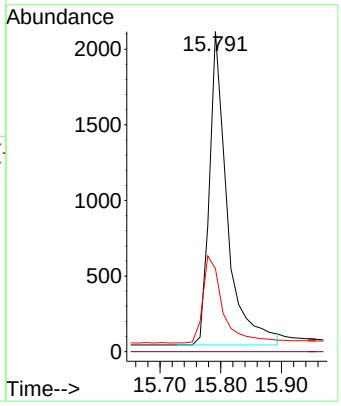
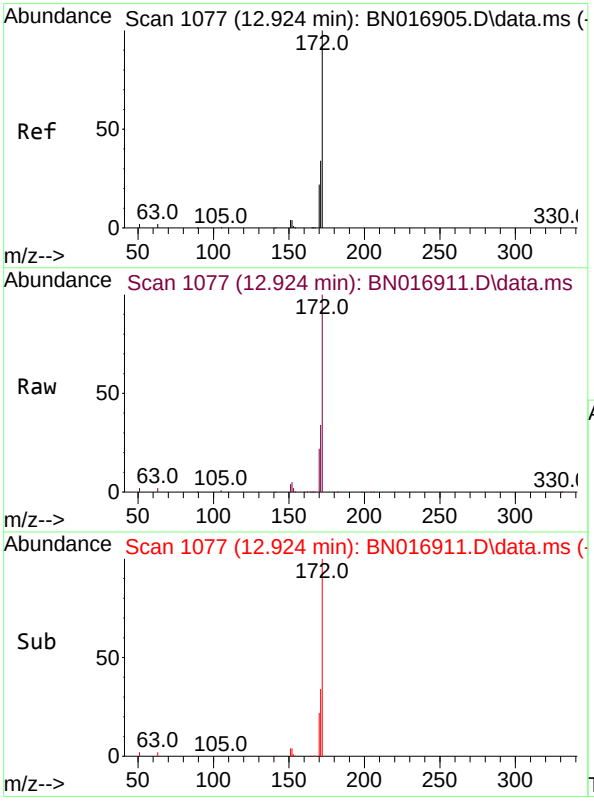


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:330 Resp: 4232

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.0	24.4	36.6

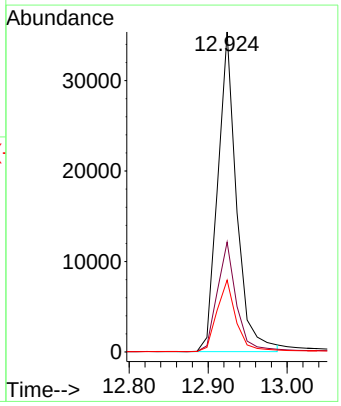




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:172 Resp: 58379

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	22.5	18.1	27.1



Instrument :
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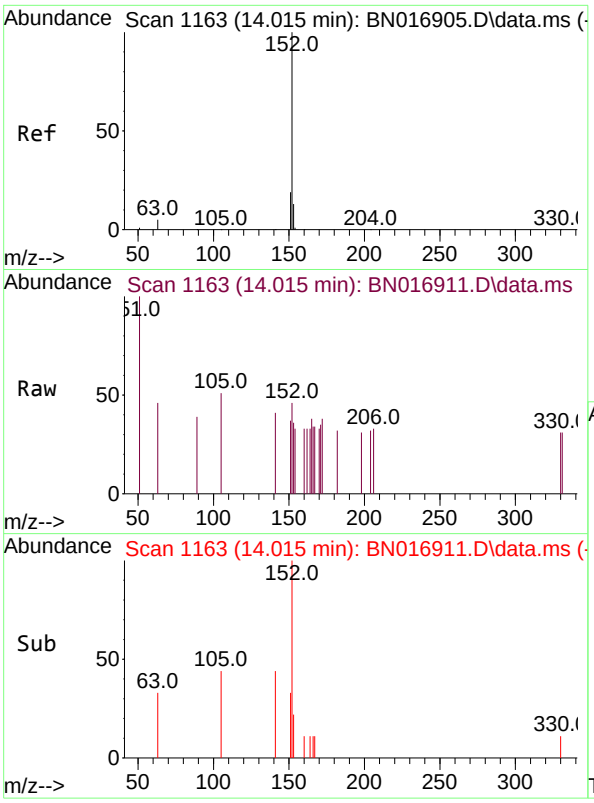
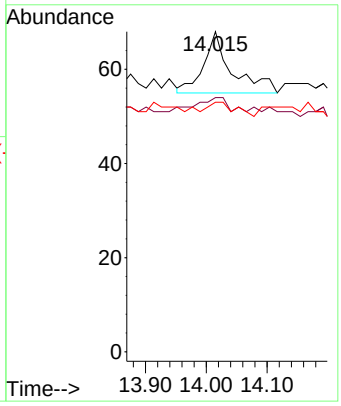
PB139783BL

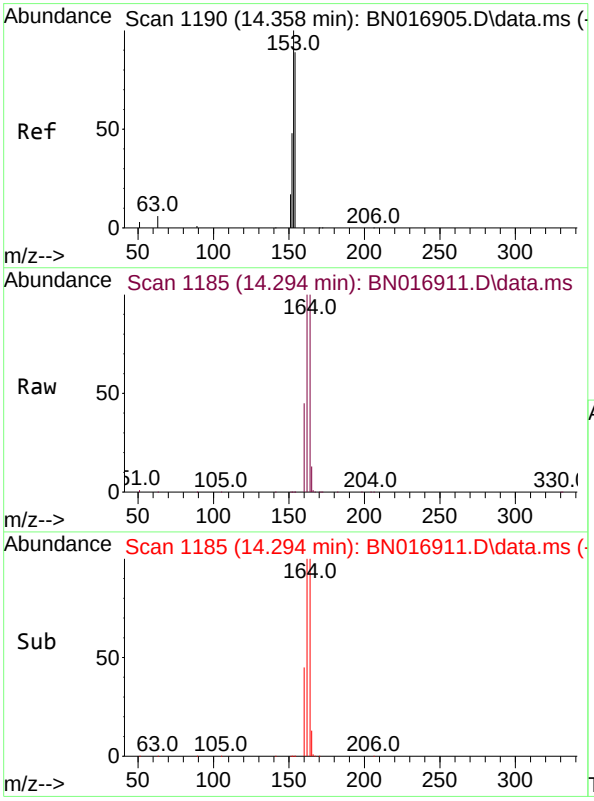


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.015 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:152 Resp: 42

Ion	Ratio	Lower	Upper
152	100		
151	26.2	15.5	23.3#
153	21.4	10.3	15.5#

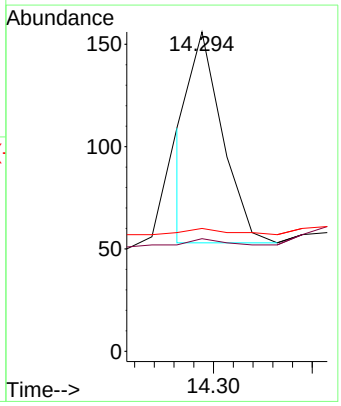




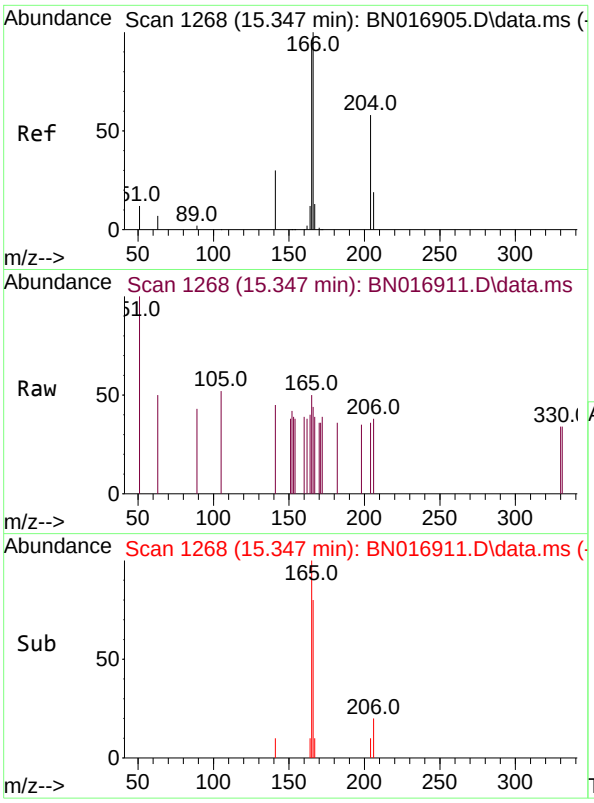
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.064 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:154 Resp: 114

Ion	Ratio	Lower	Upper
154	100		
153	2.6	91.2	136.8#
152	3.5	44.4	66.6#



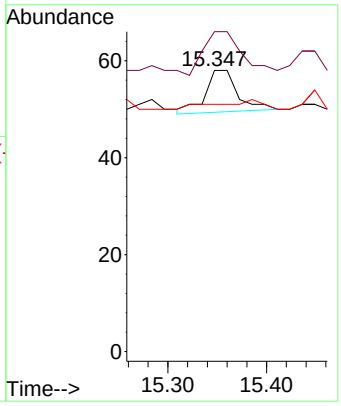
Instrument :
BNA_N
ClientSampleId :
PB139783BL

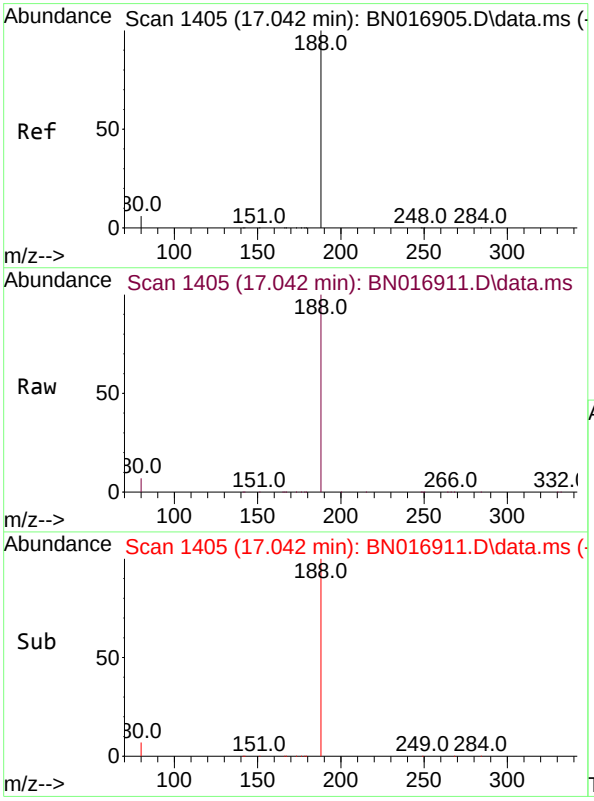


#18
Fluorene
Concen: 0.000 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:166 Resp: 20

Ion	Ratio	Lower	Upper
166	100		
165	125.0	78.1	117.1#
167	0.0	10.7	16.1#

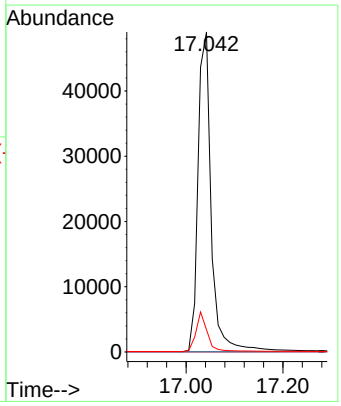




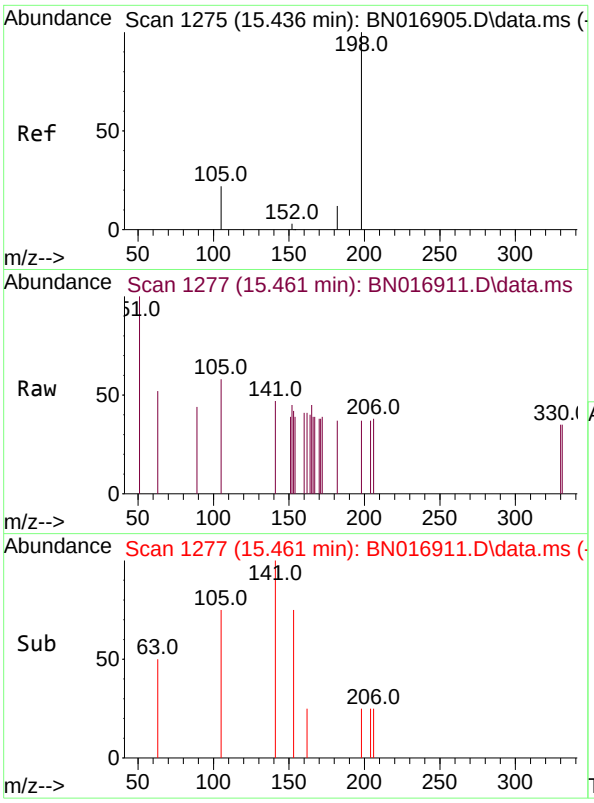
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:188 Resp: 92557

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	4.9	7.3



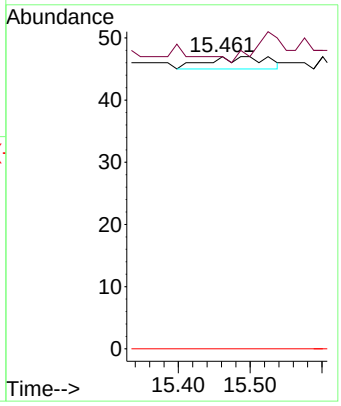
Instrument :
BNA_N
ClientSampleId :
PB139783BL

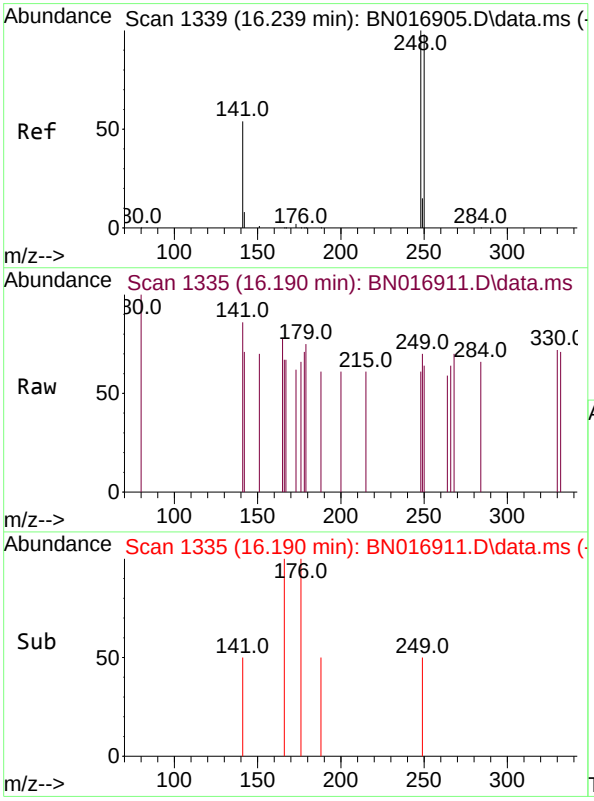


#20
4,6-Dinitro-2-methylphenol
Concen: 0.199 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.025 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:198 Resp: 11

Ion	Ratio	Lower	Upper
198	100		
182	100.0	11.0	16.6#
77	0.0	0.0	0.0

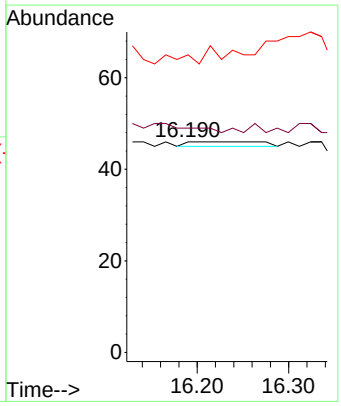




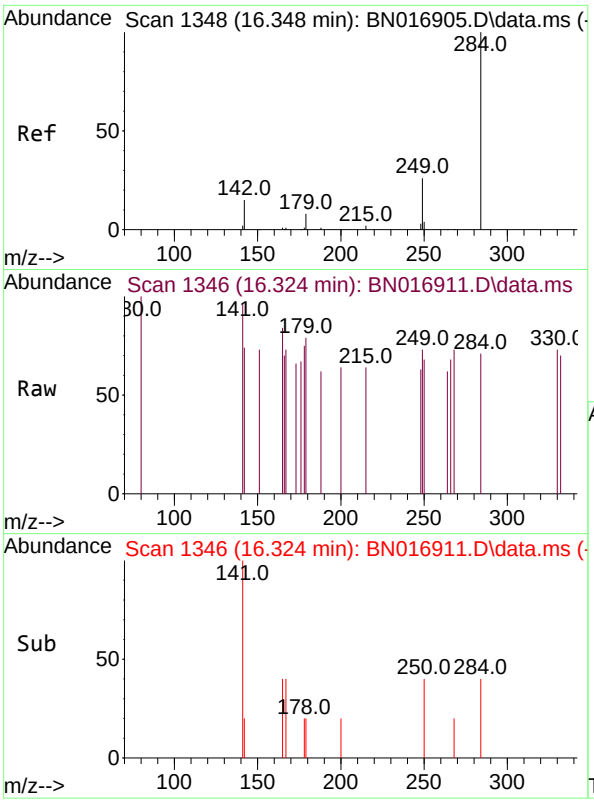
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.190 min Scan# 1335
Delta R.T. -0.049 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	106.5	78.2	117.2
141	141.3	43.1	64.7#



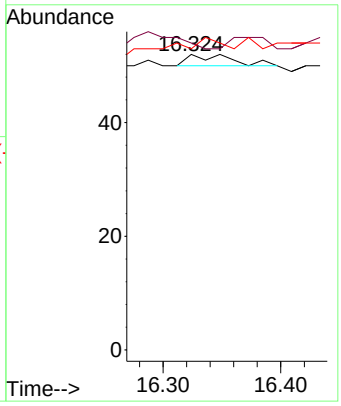
Instrument :
BNA_N
ClientSampleId :
PB139783BL

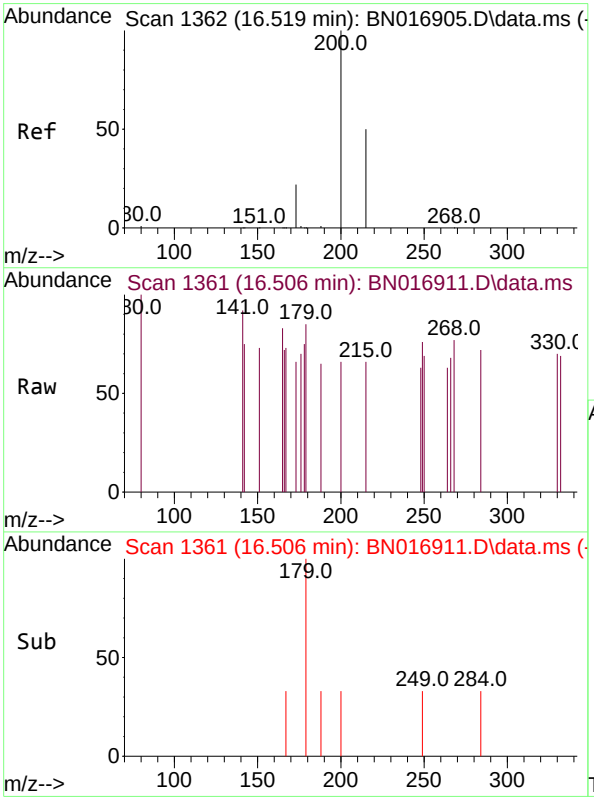


#22
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.024 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	0.0	25.1	37.7#
249	60.0	23.2	34.8#

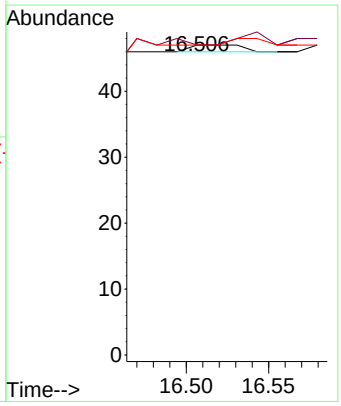




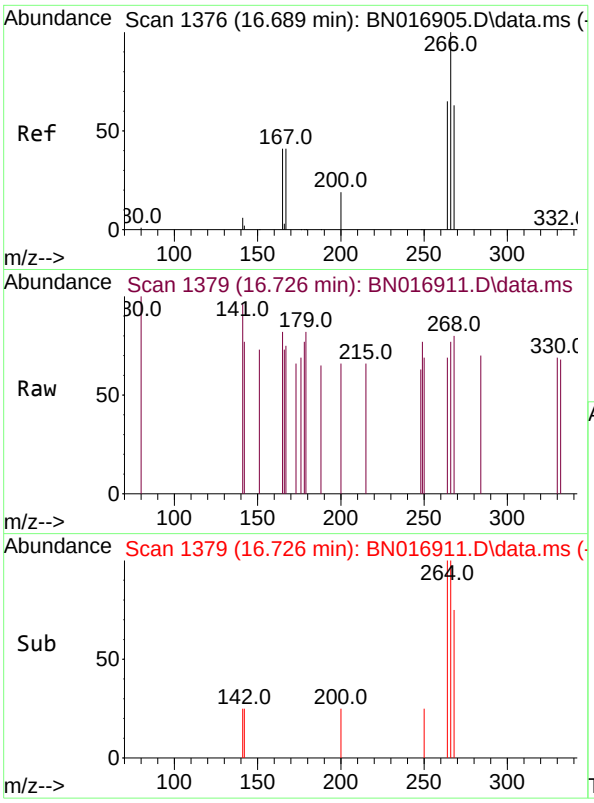
#23
Atrazine
Concen: 0.089 ng
RT: 16.506 min Scan# 1361
Delta R.T. -0.013 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:200 Resp: 2

Ion	Ratio	Lower	Upper
200	100		
173	100.0	18.0	27.0#
215	100.0	40.0	60.0#



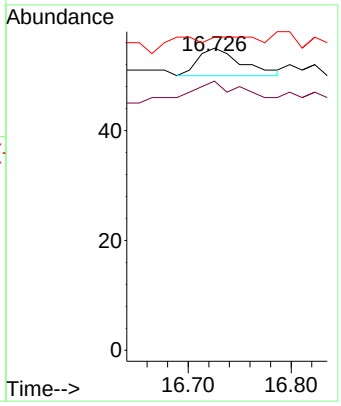
Instrument :
BNA_N
ClientSampleId :
PB139783BL

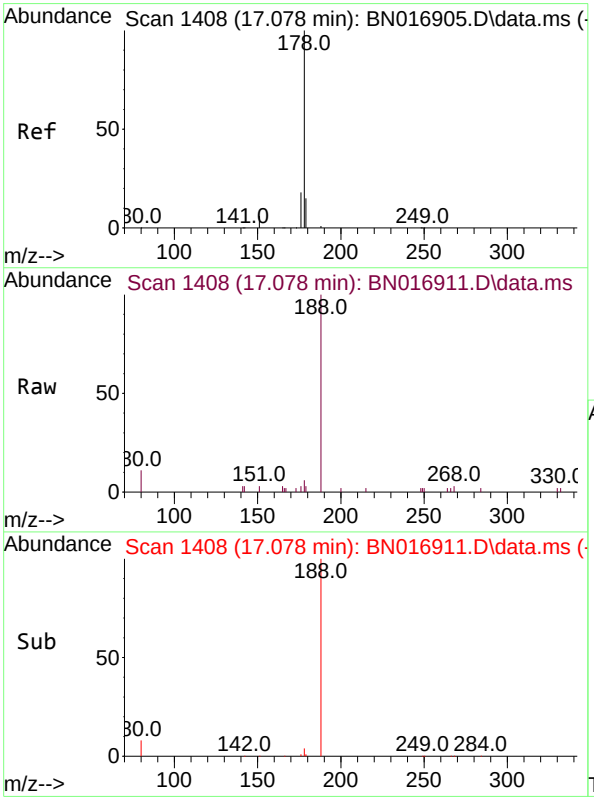


#24
Pentachlorophenol
Concen: 0.198 ng
RT: 16.726 min Scan# 1379
Delta R.T. 0.037 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
264	106.7	50.5	75.7#
268	46.7	51.2	76.8#

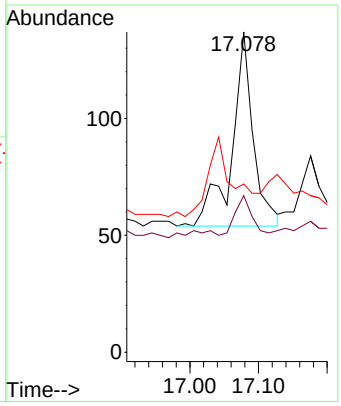




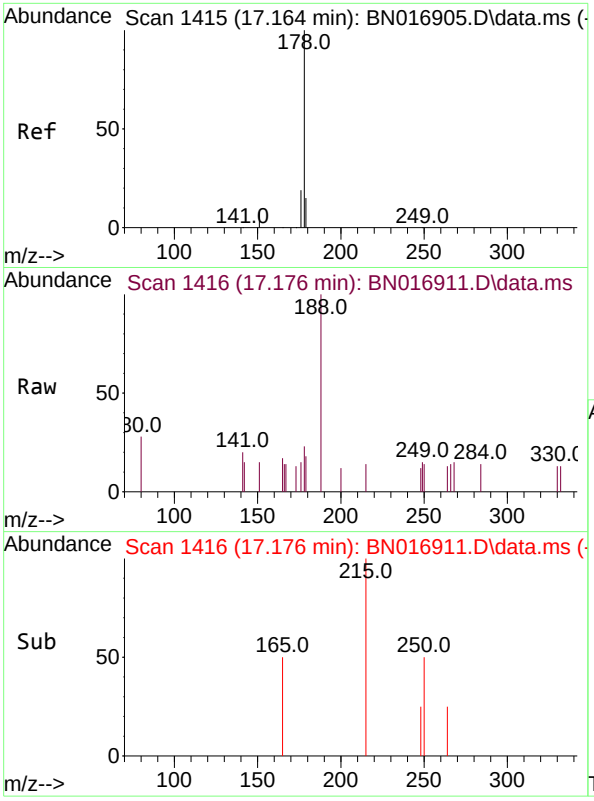
#25
Phenanthrene
Concen: 0.001 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:178 Resp: 180

Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.0	22.4
179	0.0	12.3	18.5#



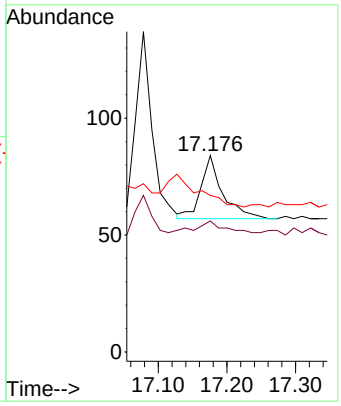
Instrument :
BNA_N
ClientSampleId :
PB139783BL

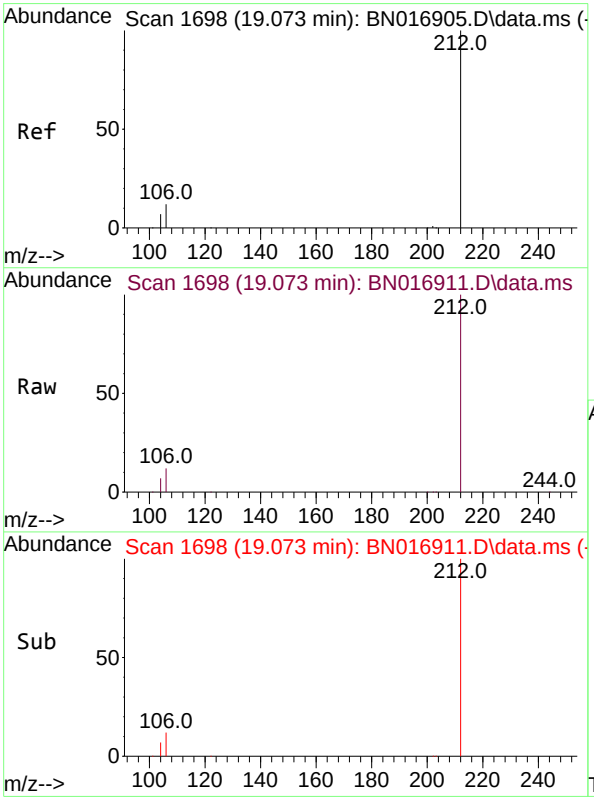


#26
Anthracene
Concen: 0.000 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:178 Resp: 59

Ion	Ratio	Lower	Upper
178	100		
176	28.8	14.6	21.8#
179	0.0	12.2	18.4#

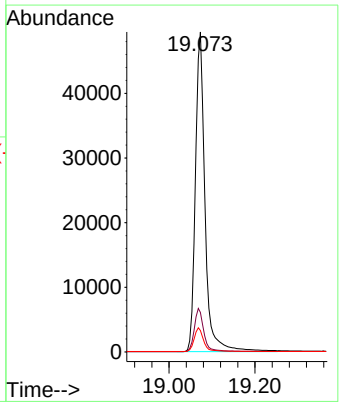




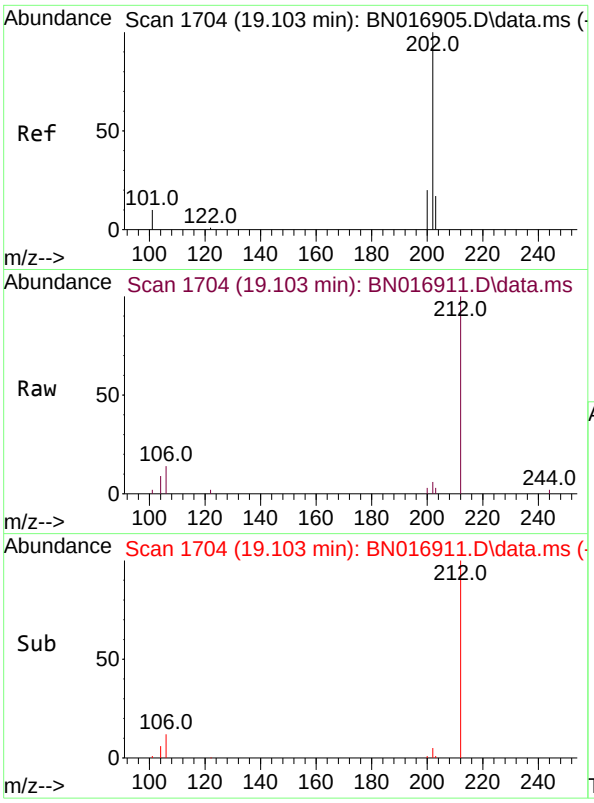
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.073 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:212 Resp: 76810

Ion	Ratio	Lower	Upper
212	100		
106	13.5	10.7	16.1
104	7.4	5.8	8.8



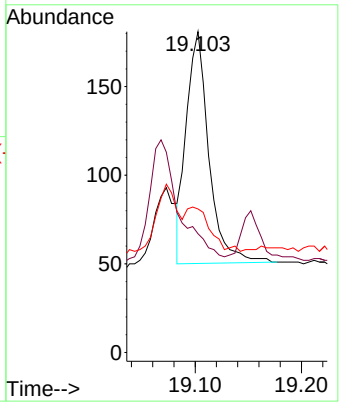
Instrument :
BNA_N
ClientSampleId :
PB139783BL

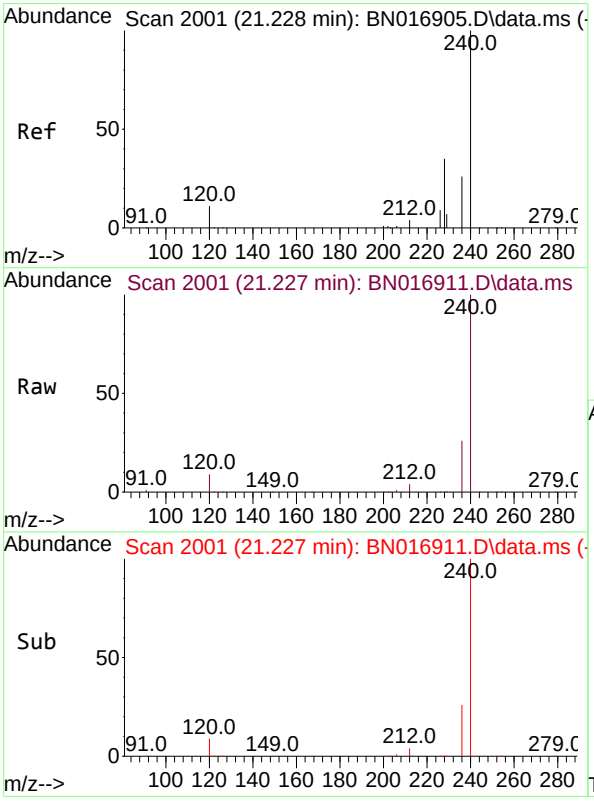


#28
Fluoranthene
Concen: 0.001 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:202 Resp: 193

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.0	13.4#
203	0.0	13.8	20.8#

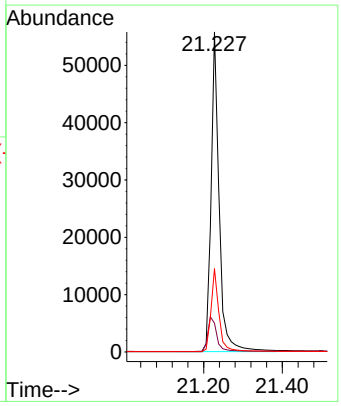




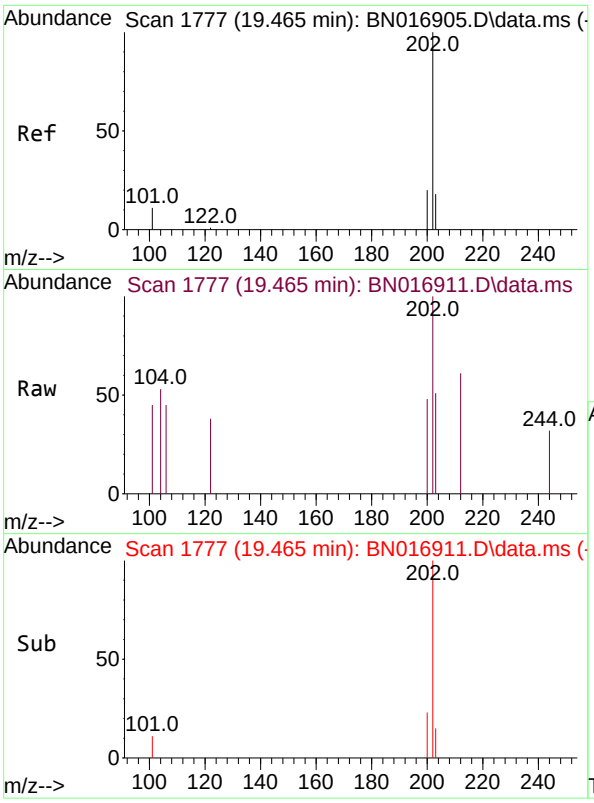
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:240 Resp: 79301

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.6	12.8
236	26.0	21.0	31.4



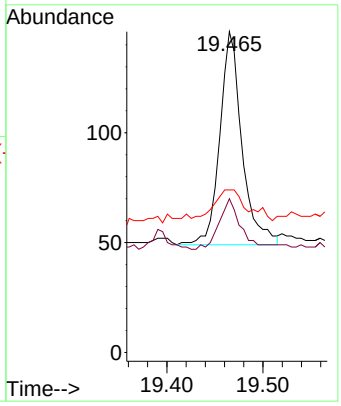
Instrument :
BNA_N
ClientSampleId :
PB139783BL

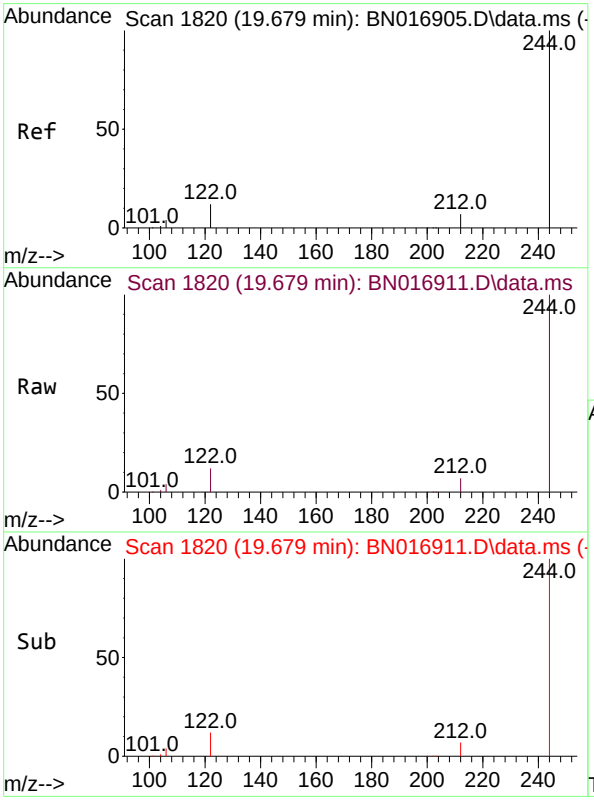


#30
Pyrene
Concen: 0.001 ng
RT: 19.465 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:202 Resp: 156

Ion	Ratio	Lower	Upper
202	100		
200	25.0	16.5	24.7#
203	13.5	14.0	21.0#

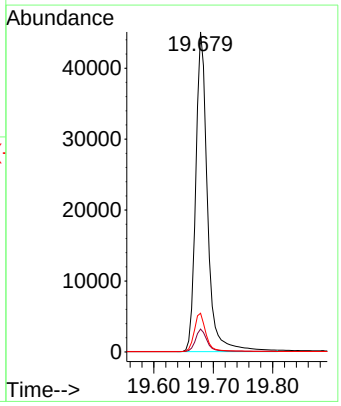




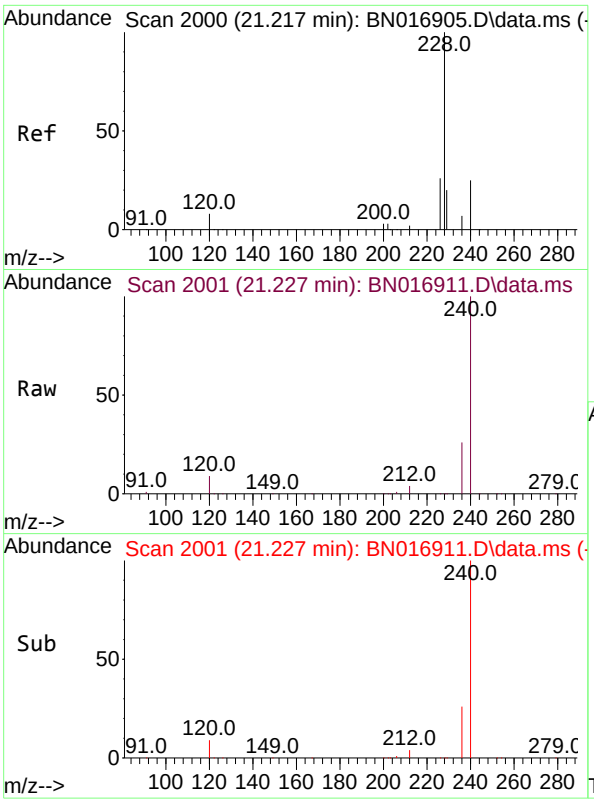
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.679 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:244 Resp: 61960

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.1	9.8	14.6



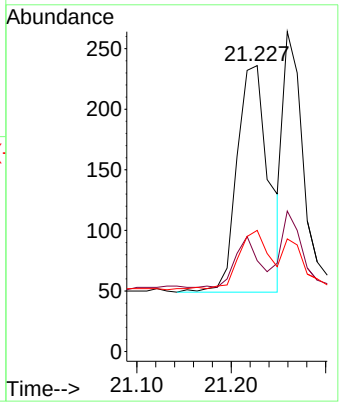
Instrument :
BNA_N
ClientSampleId :
PB139783BL

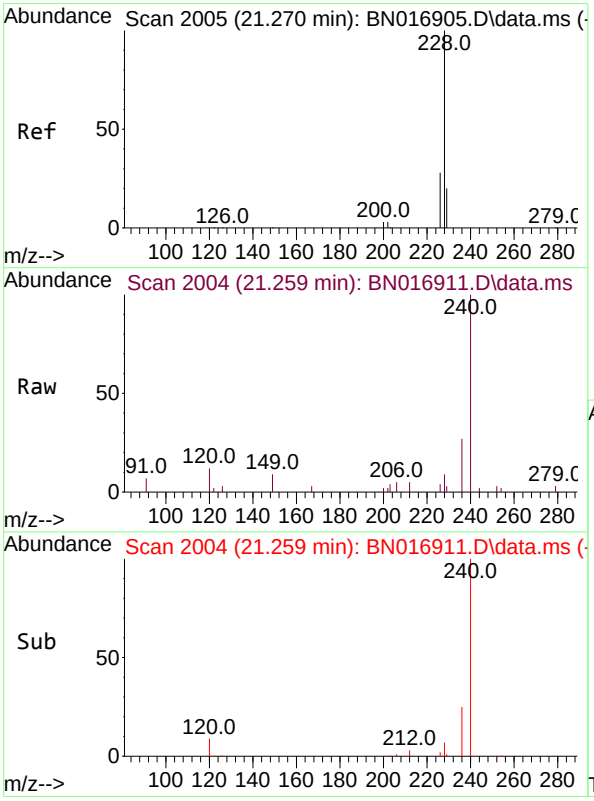


#32
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.011 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:228 Resp: 437

Ion	Ratio	Lower	Upper
228	100		
226	31.8	20.6	31.0#
229	42.4	15.8	23.8#

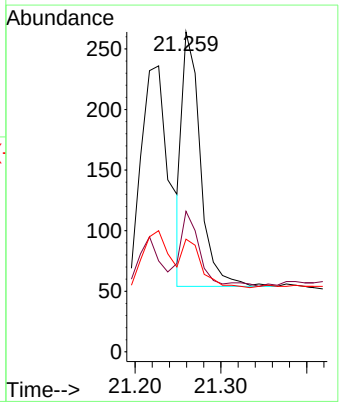


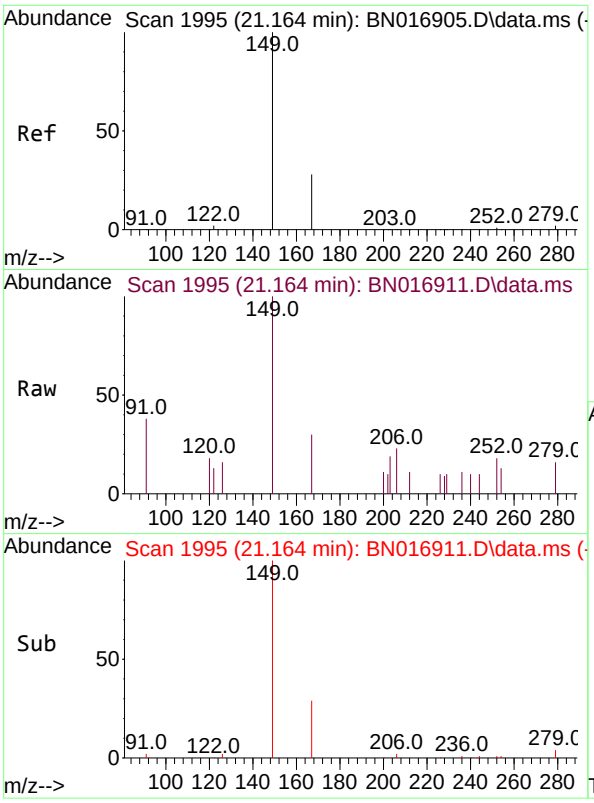


#33
Chrysene
Concen: 0.001 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:228 Resp: 308

Ion	Ratio	Lower	Upper
228	100		
226	43.9	22.6	34.0#
229	35.2	16.0	24.0#

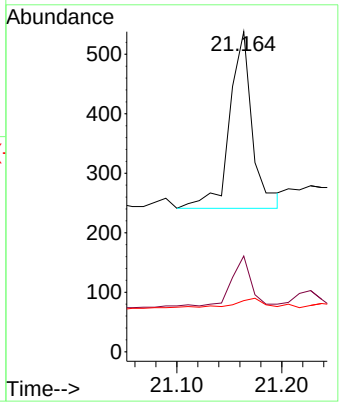




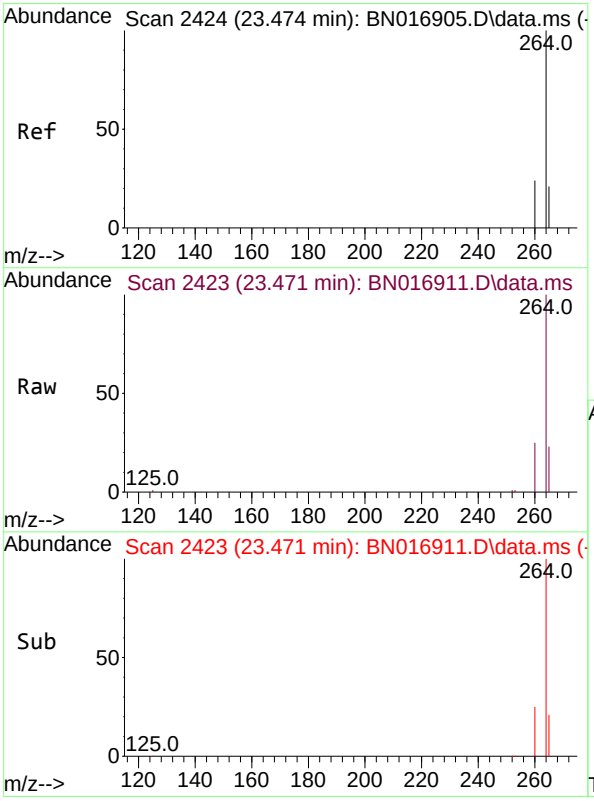
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.195 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:149 Resp: 445

Ion	Ratio	Lower	Upper
149	100		
167	23.8	22.1	33.1
279	7.9	3.4	5.0#



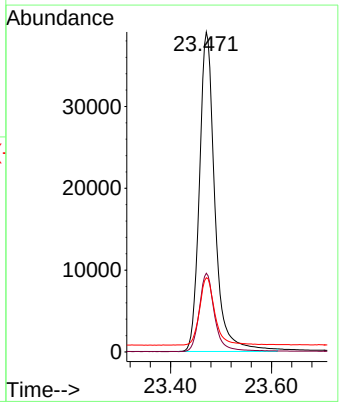
Instrument :
BNA_N
ClientSampleId :
PB139783BL



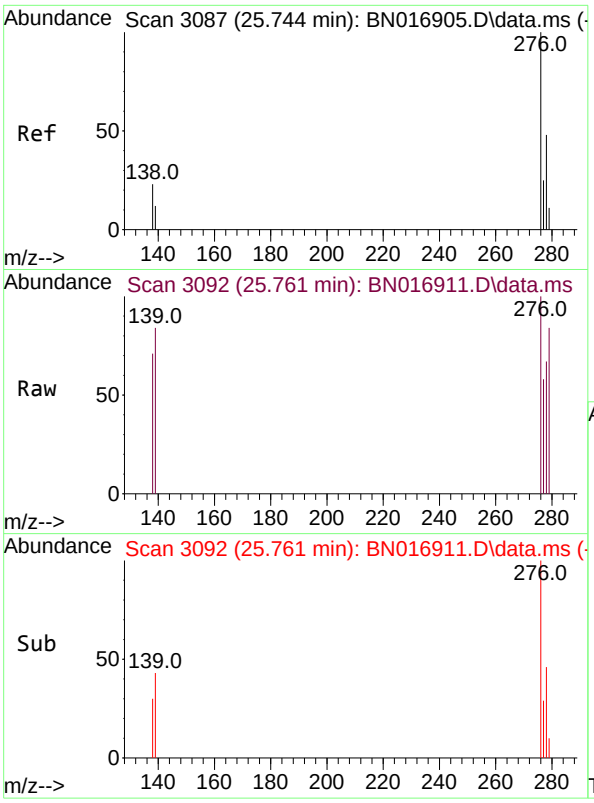
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.471 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:264 Resp: 83093

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.2	18.6	27.8



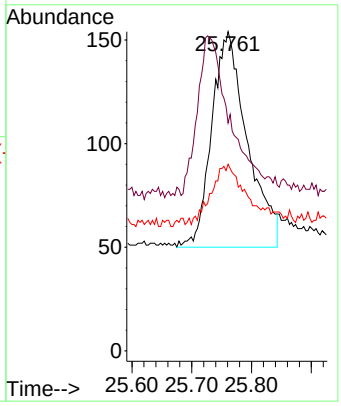
Instrument :
BNA_N
ClientSampleId :
PB139783BL

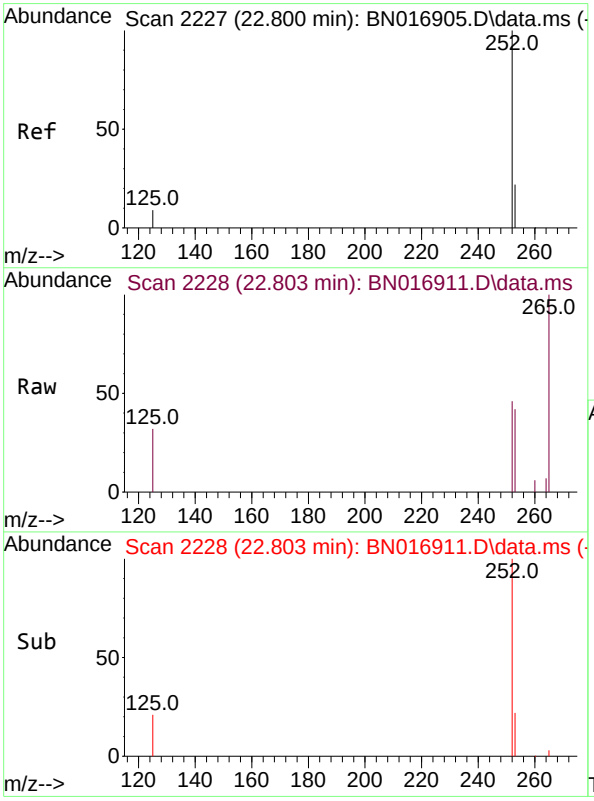


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.761 min Scan# 3092
Delta R.T. 0.017 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:276 Resp: 430

Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.2	30.4#
277	11.9	20.2	30.4#

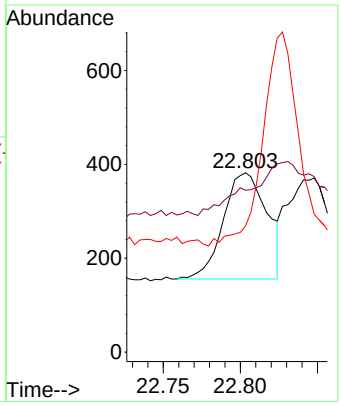




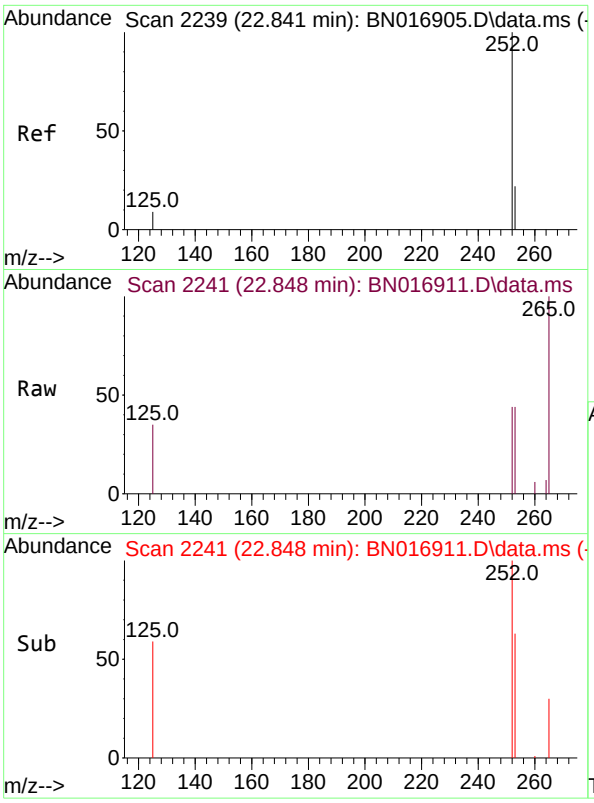
#37
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 22.803 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:252 Resp: 445

Ion	Ratio	Lower	Upper
252	100		
253	90.3	17.7	26.5#
125	70.4	7.8	11.8#



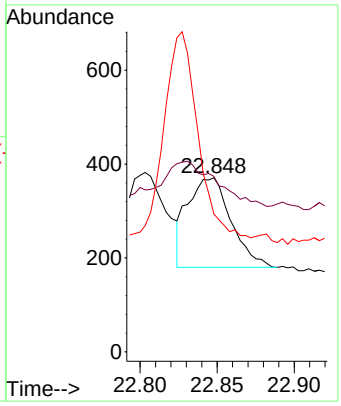
Instrument :
BNA_N
ClientSampleId :
PB139783BL

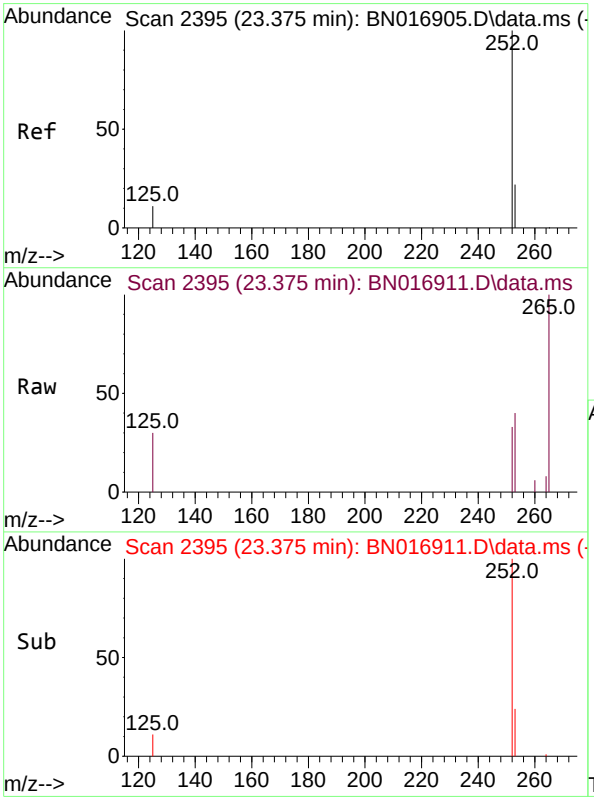


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 22.848 min Scan# 2241
Delta R.T. 0.007 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:252 Resp: 372

Ion	Ratio	Lower	Upper
252	100		
253	100.8	18.1	27.1#
125	79.2	9.8	14.8#

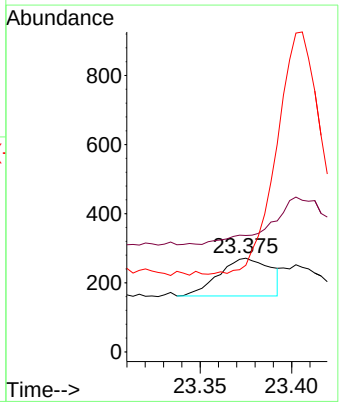


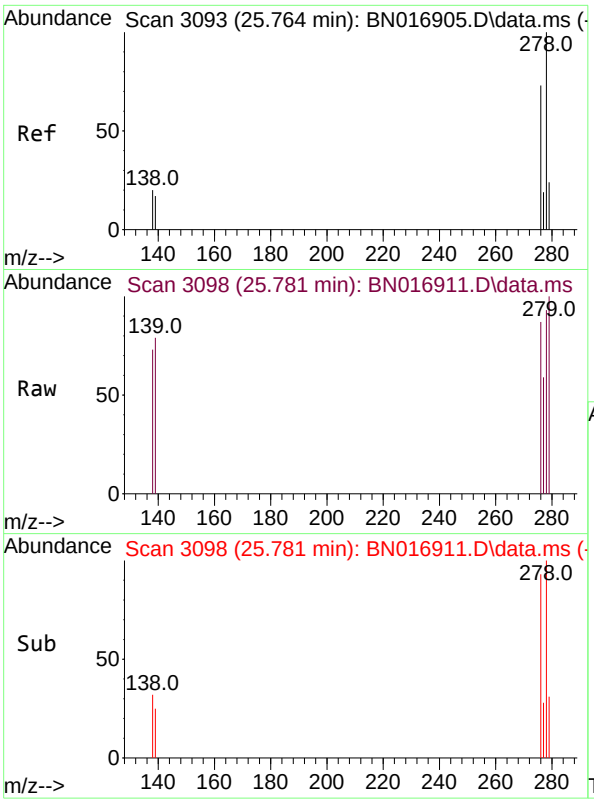


#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.375 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:252 Resp: 215

Ion	Ratio	Lower	Upper
252	100		
253	124.4	18.1	27.1#
125	92.6	9.0	13.4#

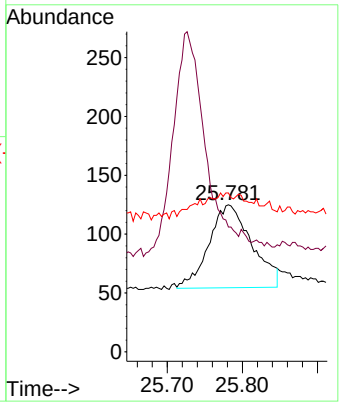




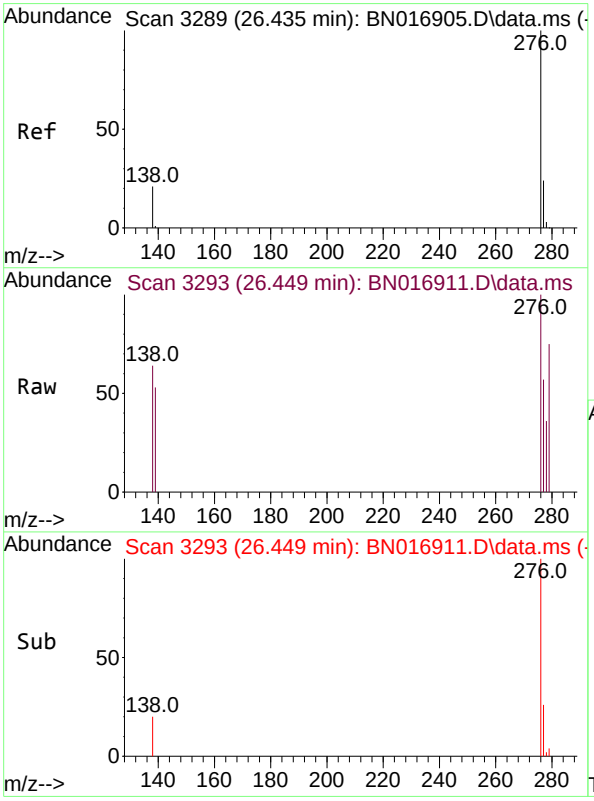
#40
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.781 min Scan# 3098
Delta R.T. 0.017 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:278 Resp: 279

Ion	Ratio	Lower	Upper
278	100		
139	84.8	13.8	20.6#
279	108.0	19.0	28.6#



Instrument :
BNA_N
ClientSampleId :
PB139783BL



#41
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.449 min Scan# 3293
Delta R.T. 0.014 min
Lab File: BN016911.D
Acq: 12 Oct 2021 23:36

Tgt Ion:276 Resp: 383

Ion	Ratio	Lower	Upper
276	100		
277	56.8	19.1	28.7#
138	63.9	16.6	24.8#