Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018256.D
Acq On : 29 Dec 2021 11:24
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 12:40:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28872	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	113898	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	62443	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	110706	0.400	ng		0.00
29) Chrysene-d12	21.195	240	69445	0.400	ng		0.00
35) Perylene-d12	23.423	264	57766	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.245	112	9885	0.157	ng		0.00
5) Phenol-d6	6.831	99	8742	0.130	ng		0.00
8) Nitrobenzene-d5	8.797	82	8908	0.116	ng		0.01
11) 2-Methylnaphthalene-d10	12.016	152	34866	0.178	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	1977	0.065	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	43442	0.186	ng		0.00
27) Fluoranthene-d10	19.038	212	59543	0.170	ng		0.00
31) Terphenyl-d14	19.654	244	36236	0.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.180	88	3302	0.190	ng	#	53
3) n-Nitrosodimethylamine	3.511	42	3964	0.157	ng		96
6) bis(2-Chloroethyl)ether	7.080	93	12061	0.166	ng		96
9) Naphthalene	10.470	128	53181	0.189	ng		100
10) Hexachlorobutadiene	10.761	225	14822	0.198	ng	#	100
12) 2-Methylnaphthalene	12.087	142	33244	0.179	ng		100
16) Acenaphthylene	13.990	152	33079	0.143	ng		100
17) Acenaphthene	14.332	154	29438	0.182	ng		100
18) Fluorene	15.322	166	32735	0.165	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	91	0.023	ng	#	1
21) 4-Bromophenyl-phenylether	16.214	248	10682	0.158	ng	#	87
22) Hexachlorobenzene	16.324	284	16228	0.202	ng		99
23) Atrazine	16.482	200	5098	0.121	ng		96
24) Pentachlorophenol	16.677	266	786	0.035	ng		97
25) Phenanthrene	17.042	178	52440	0.178	ng		99
26) Anthracene	17.139	178	34978	0.144	ng		99
28) Fluoranthene	19.073	202	58662	0.171	ng		100
30) Pyrene	19.435	202	58901	0.264	ng		100
32) Benzo(a)anthracene	21.185	228	26371	0.131	ng		98
33) Chrysene	21.227	228	43328	0.197	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	14330	0.190	ng		99
36) Indeno(1,2,3-cd)pyrene	25.702	276	21671	0.130	ng		97
37) Benzo(b)fluoranthene	22.755	252	29307	0.164	ng	#	95
38) Benzo(k)fluoranthene	22.800	252	26805	0.149	ng	#	96
39) Benzo(a)pyrene	23.330	252	27289	0.170	ng	#	77
40) Dibenzo(a,h)anthracene	25.720	278	13769	0.112	ng	#	93
41) Benzo(g,h,i)perylene	26.377	276	24517	0.159	ng		99

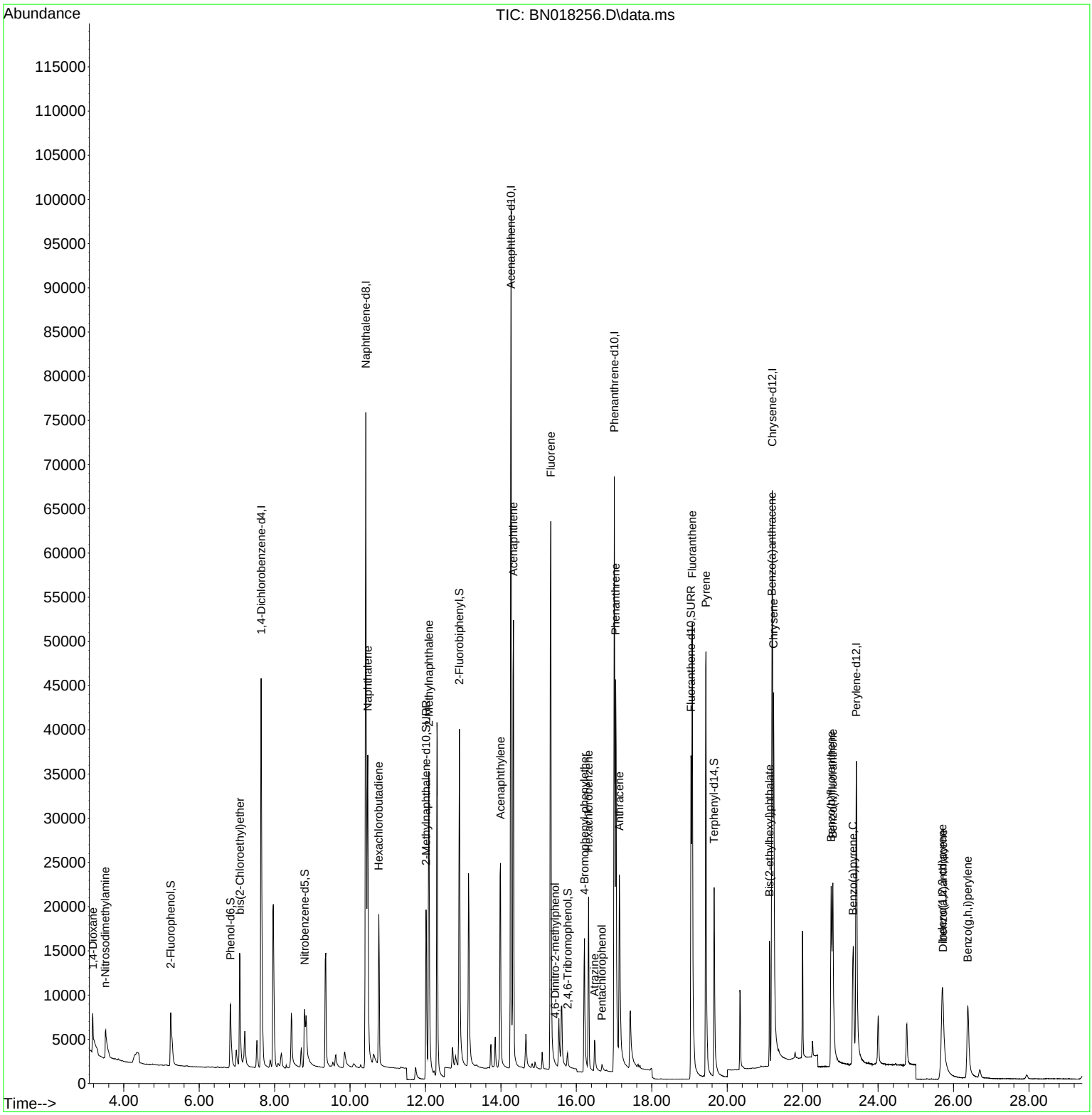
(#) = qualifier out of range (m) = manual integration (+) = signals summed

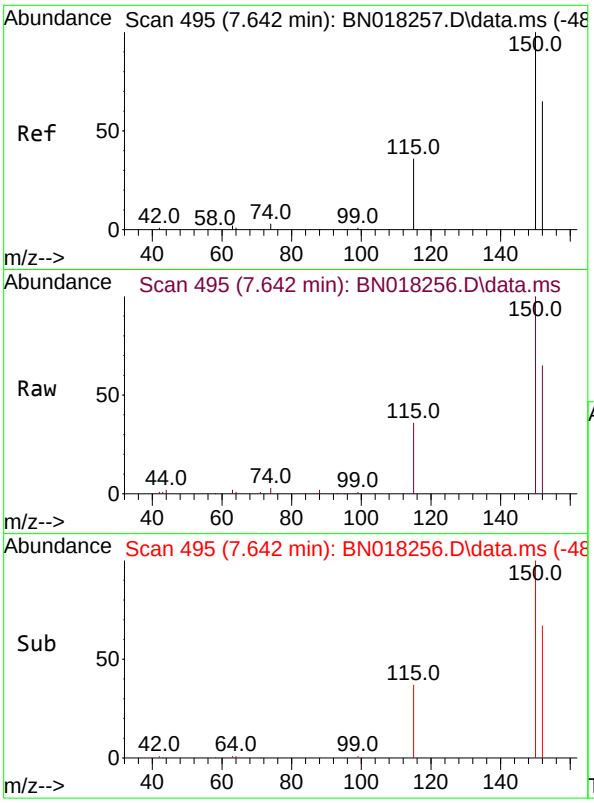
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018256.D
Acq On : 29 Dec 2021 11:24
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 12:40:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration



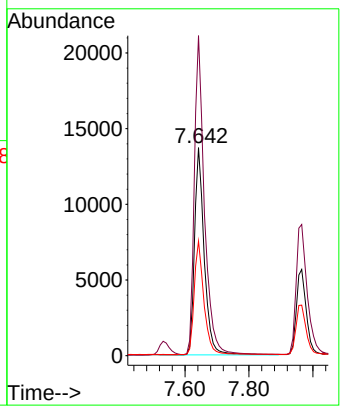


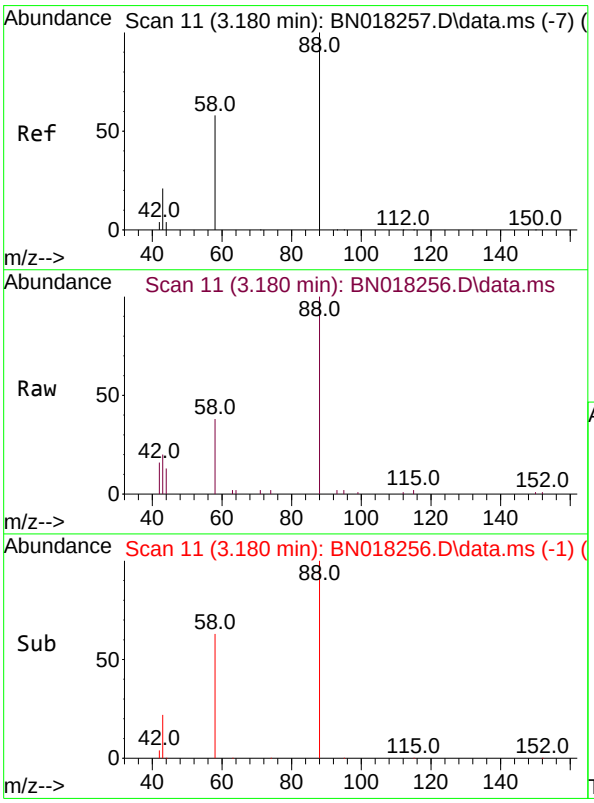
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 28872

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.7	182.5
115	55.1	43.8	65.8

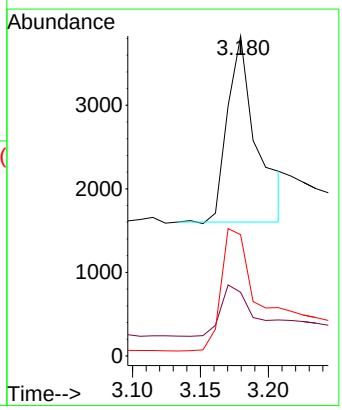


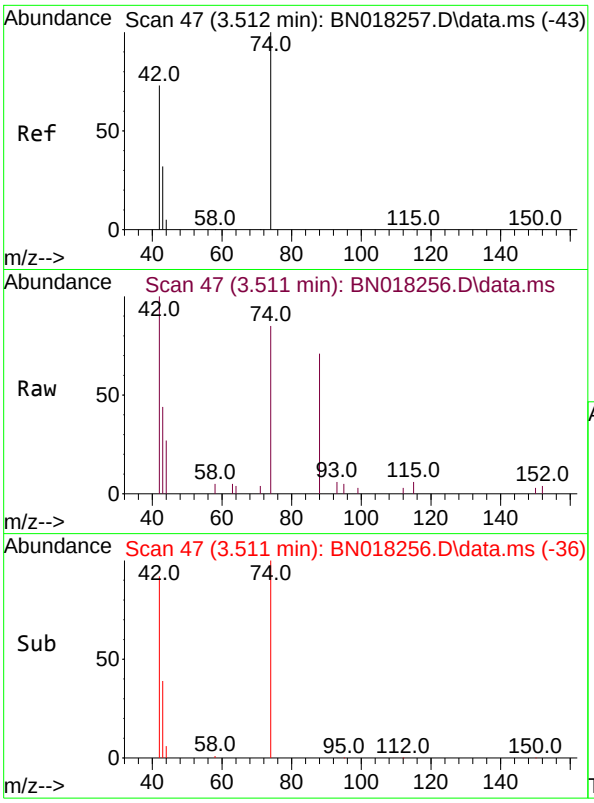


#2
1,4-Dioxane
Concen: 0.190 ng
RT: 3.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion: 88 Resp: 3302

Ion	Ratio	Lower	Upper
88	100		
43	28.3	69.7	104.5#
58	71.0	83.8	125.8#



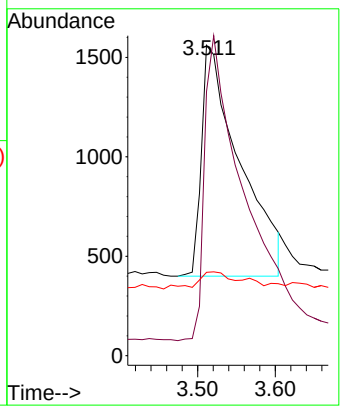


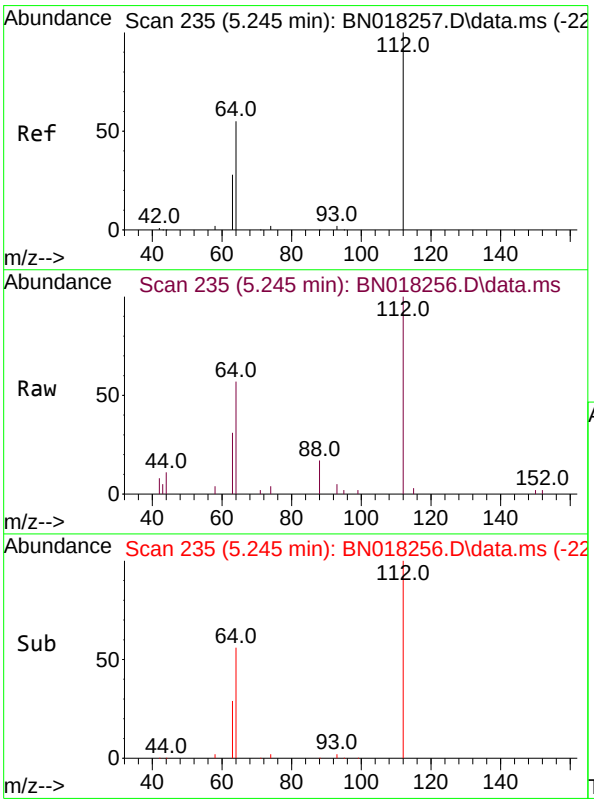
#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.511 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3964

Ion	Ratio	Lower	Upper
42	100		
74	131.5	108.6	163.0
44	6.2	5.8	8.8

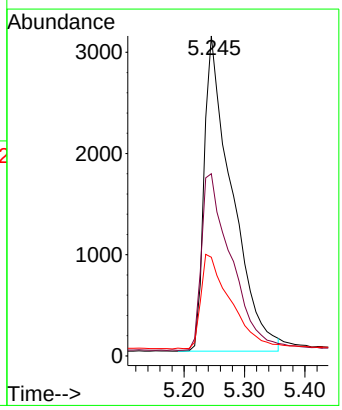


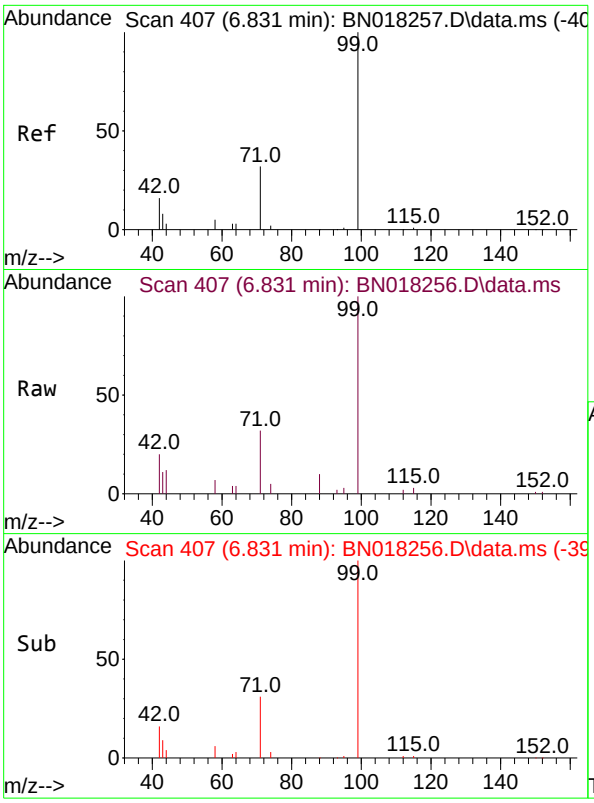


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.245 min Scan# 235
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:112 Resp: 9885

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.0	72.0
63	32.2	25.3	37.9



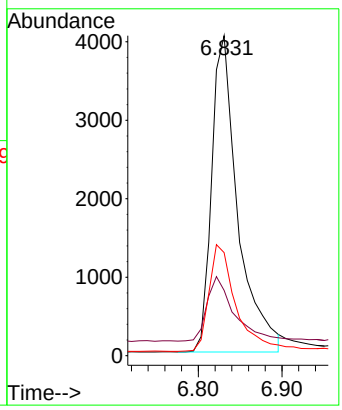


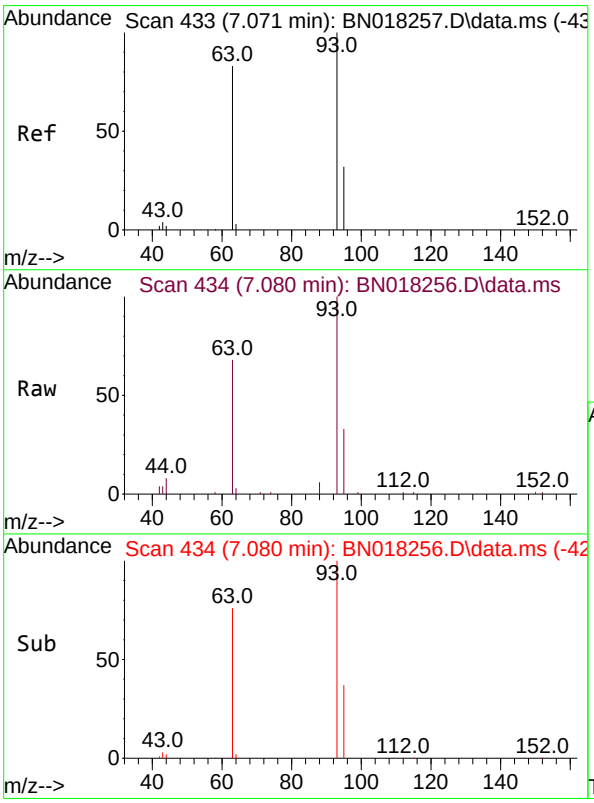
#5
Phenol-d6
Concen: 0.130 ng
RT: 6.831 min Scan# 4(
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8742

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.3	24.5
71	34.7	26.8	40.2

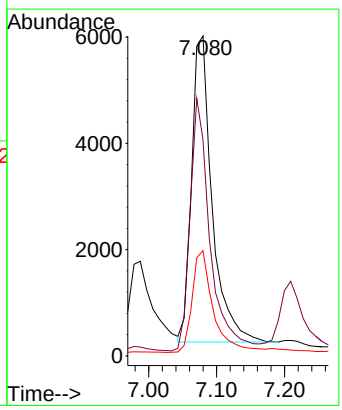


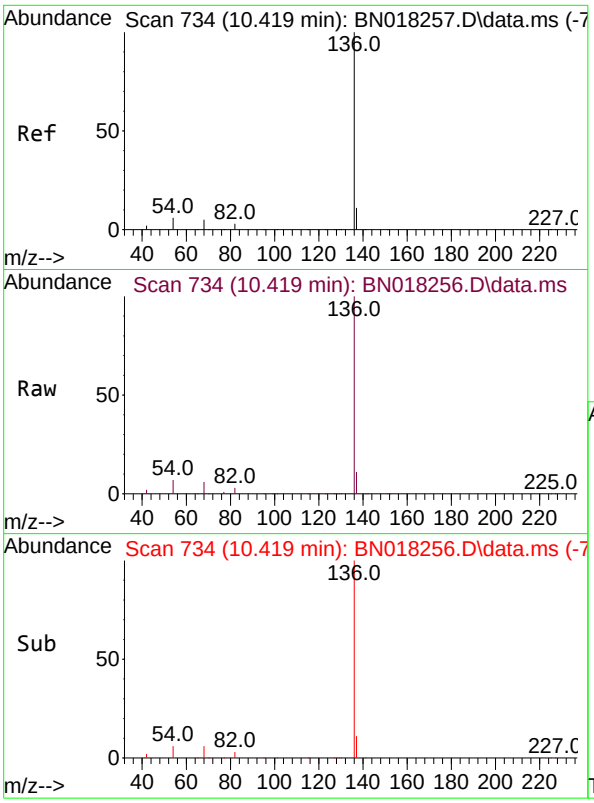


#6
bis(2-Chloroethyl)ether
Concen: 0.166 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.009 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion: 93 Resp: 12061

Ion	Ratio	Lower	Upper
93	100		
63	80.9	61.7	92.5
95	34.4	26.2	39.4



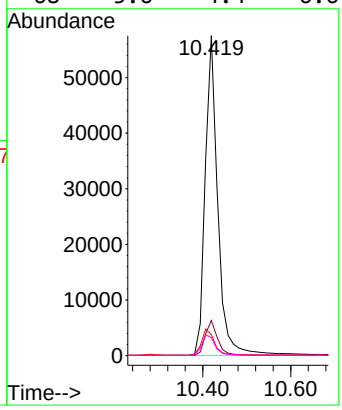


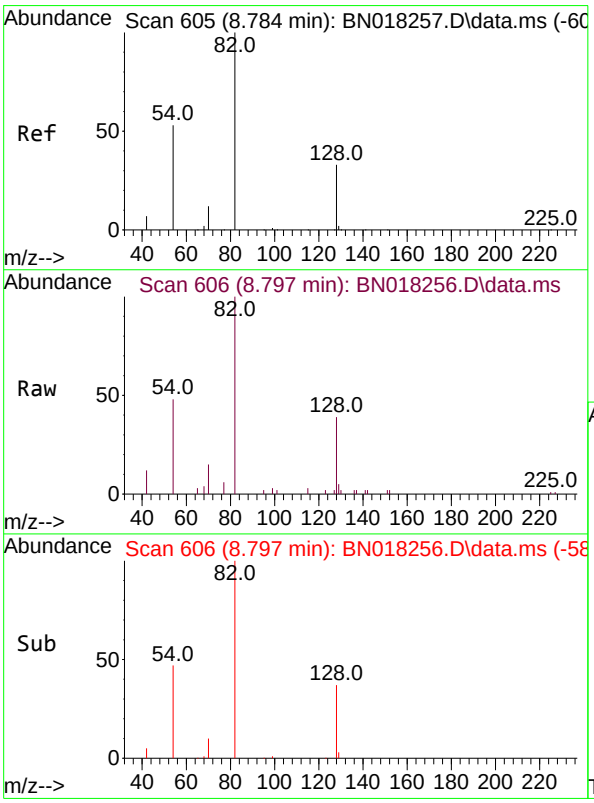
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 113898

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.0	7.6
68	5.6	4.4	6.6

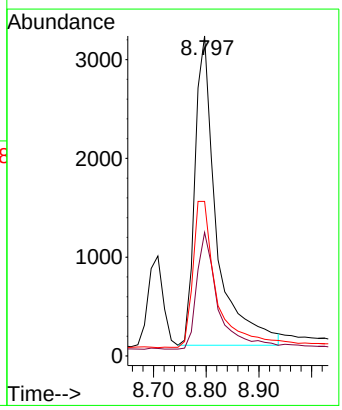


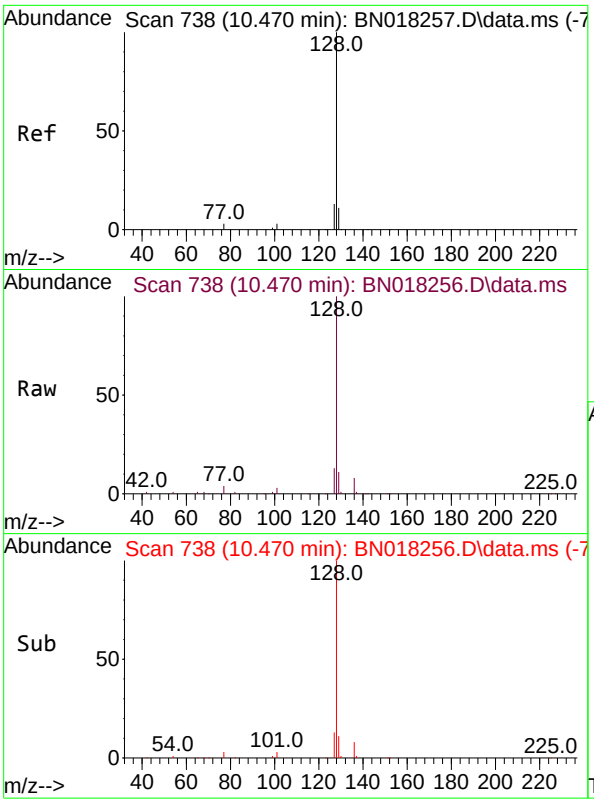


#8
Nitrobenzene-d5
Concen: 0.116 ng
RT: 8.797 min Scan# 606
Delta R.T. 0.013 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion: 82 Resp: 8908

Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.7	50.5
54	48.3	36.6	55.0



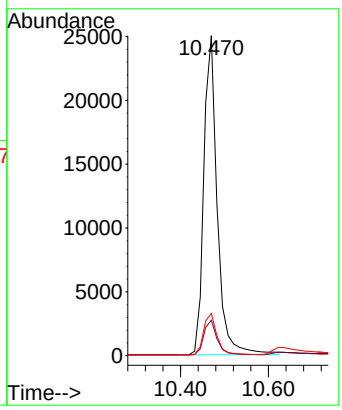


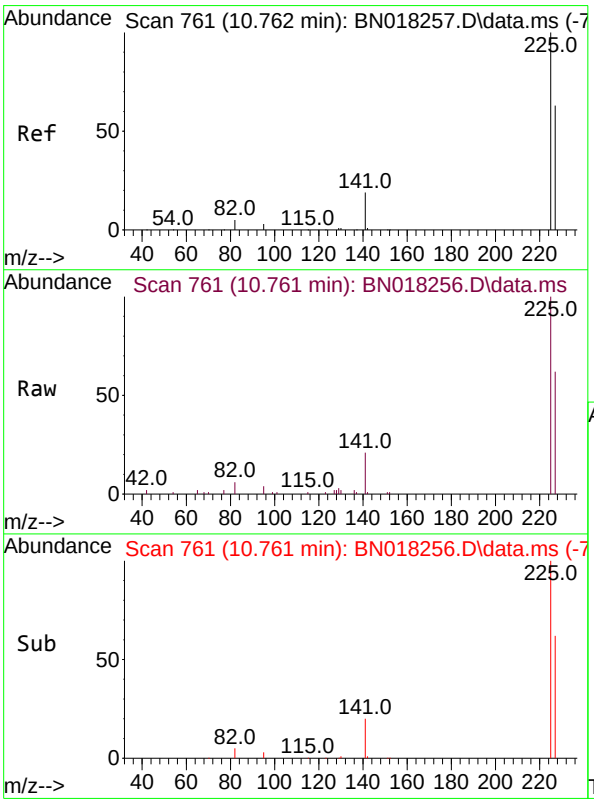
#9
Naphthalene
Concen: 0.189 ng
RT: 10.470 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 53181

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.4	15.6

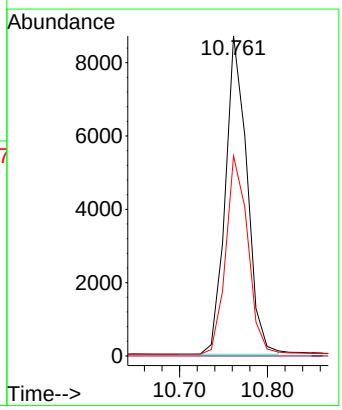


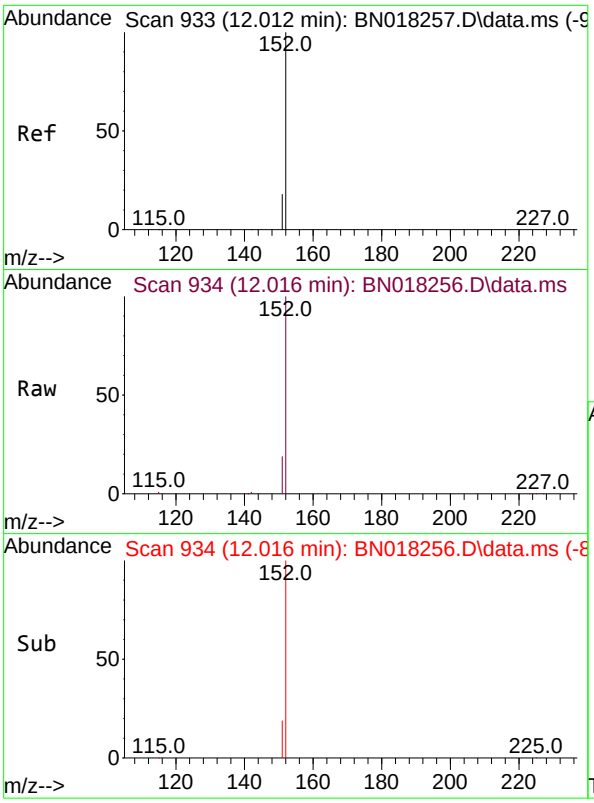


#10
Hexachlorobutadiene
Concen: 0.198 ng
RT: 10.761 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:225 Resp: 14822

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.0	76.6



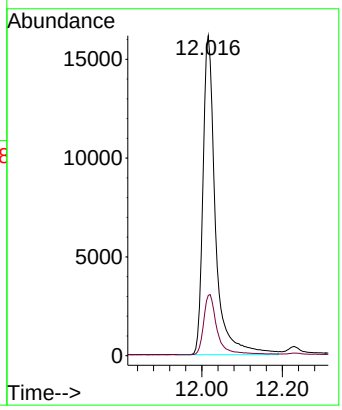


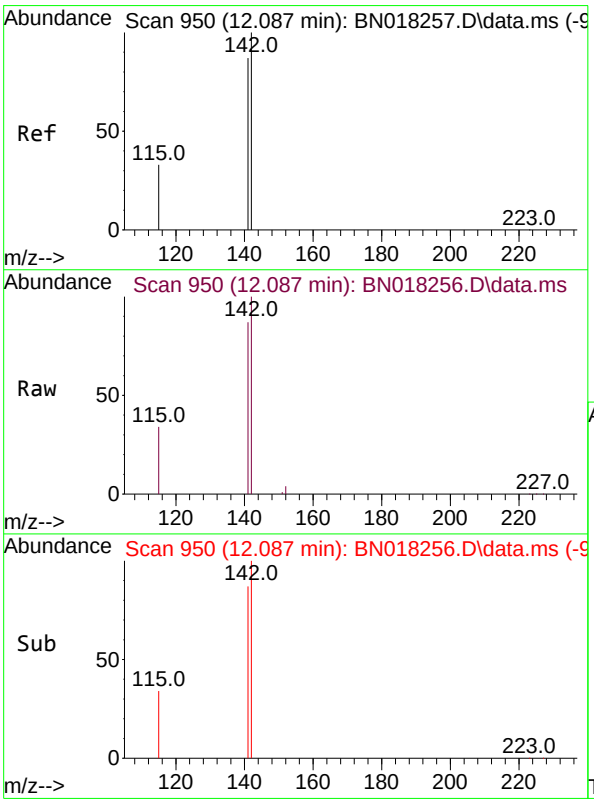
#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.016 min Scan# 9
Delta R.T. 0.004 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 34866

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

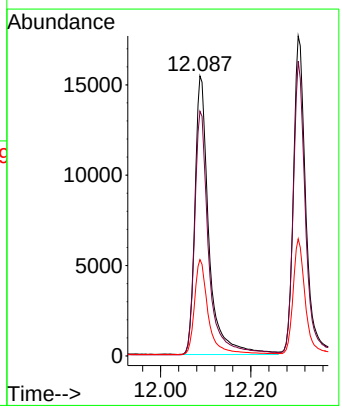


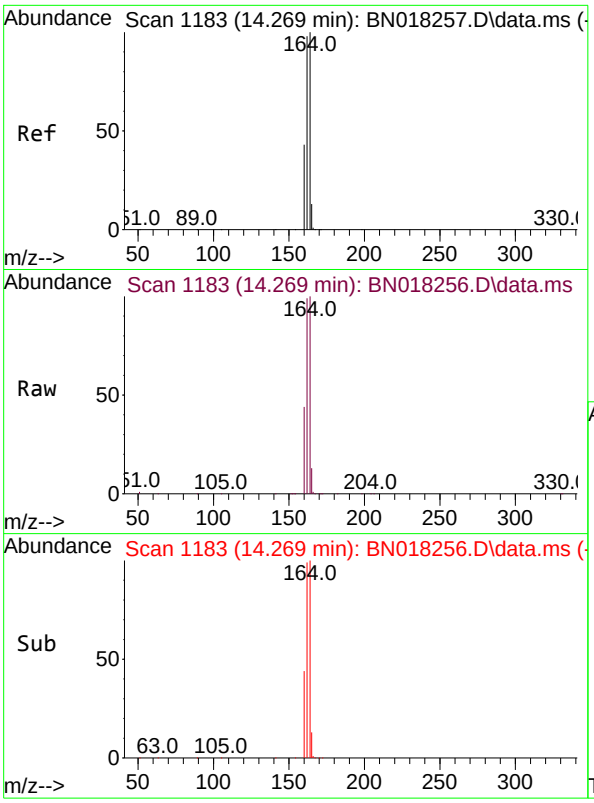


#12
2-Methylnaphthalene
Concen: 0.179 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:142 Resp: 33244

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.0	105.0
115	34.4	27.8	41.8



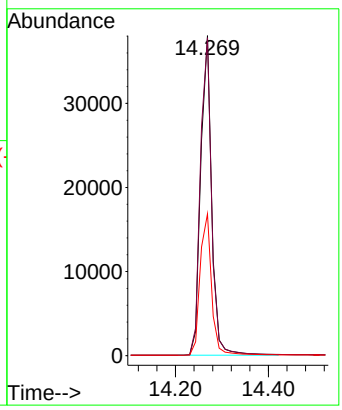


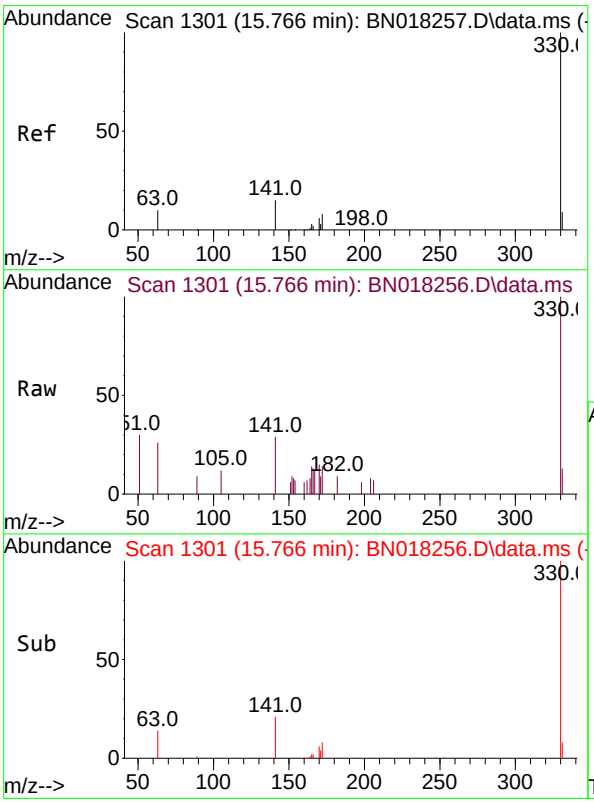
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 62443

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.2
160	44.3	36.9	55.3

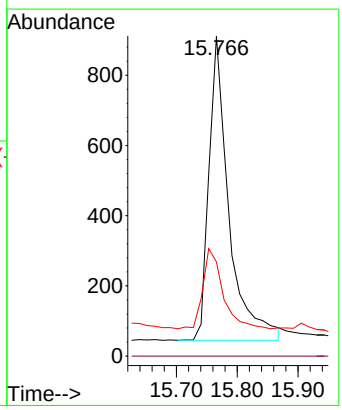


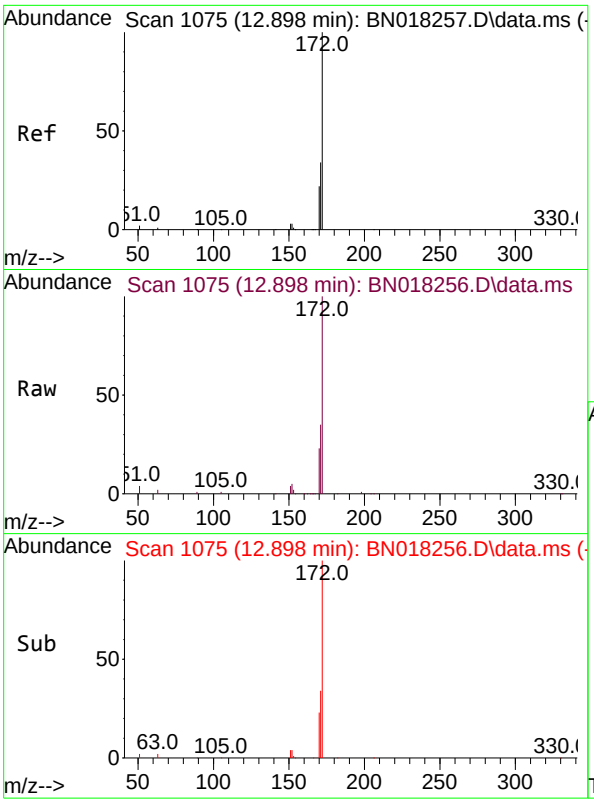


#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:330 Resp: 1977

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.4	21.3	31.9



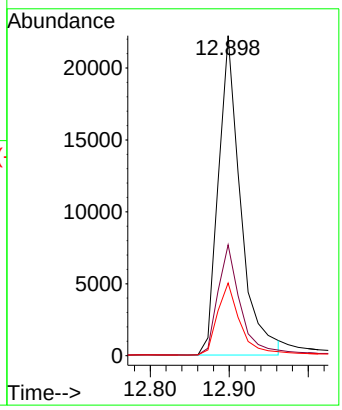


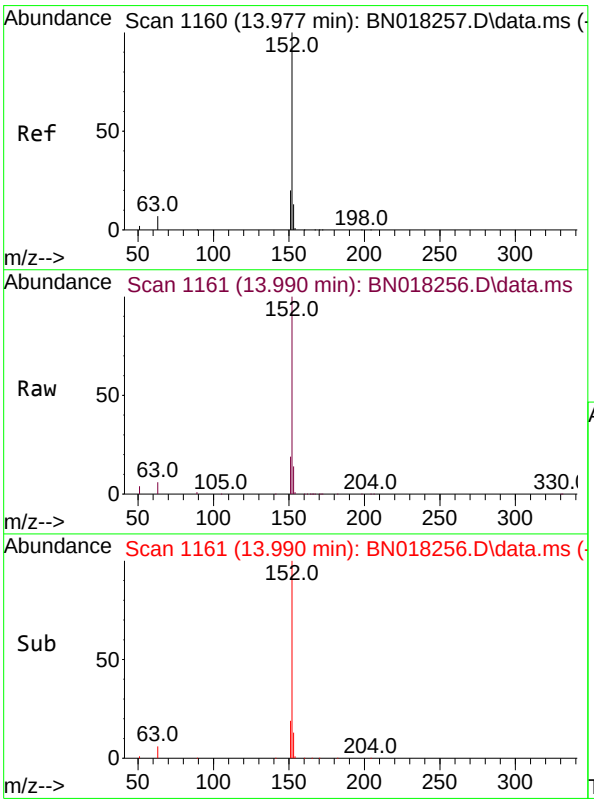
#15
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 43442

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	22.7	18.4	27.6

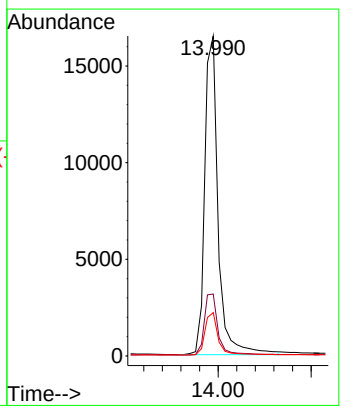


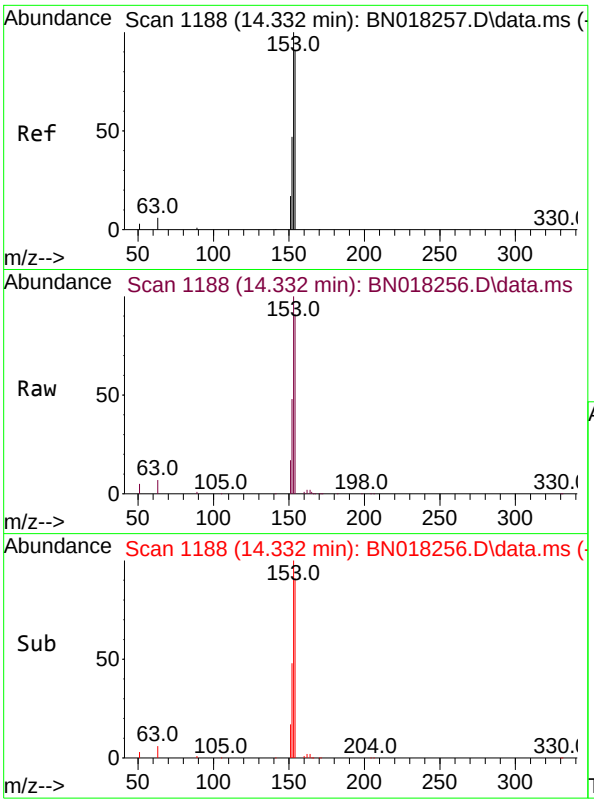


#16
Acenaphthylene
Concen: 0.143 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.013 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:152 Resp: 33079

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.1	10.5	15.7



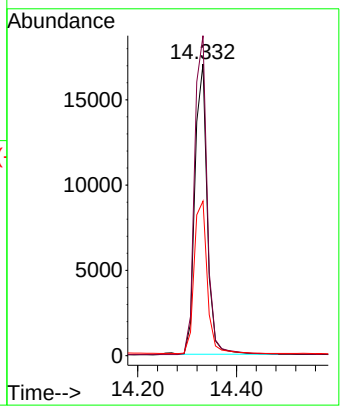


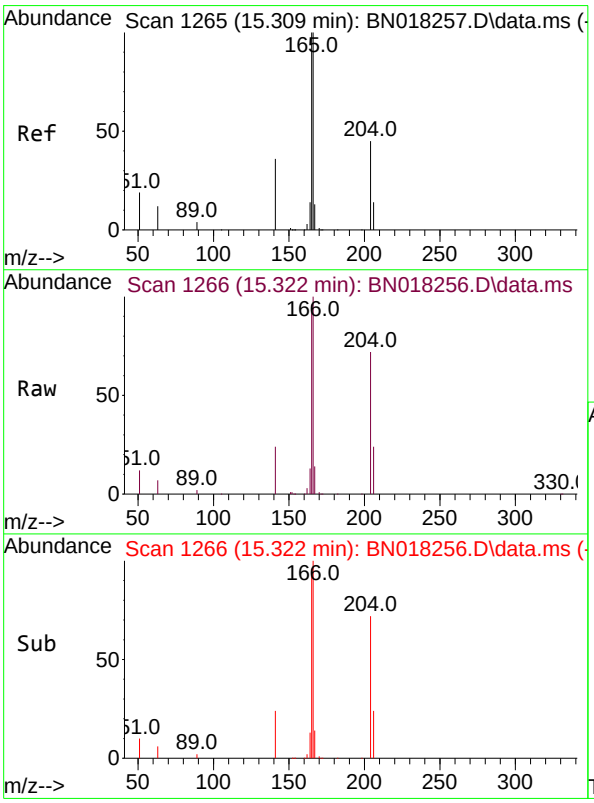
#17
Acenaphthene
Concen: 0.182 ng
RT: 14.332 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 29438

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.9	136.3
152	56.0	45.0	67.4

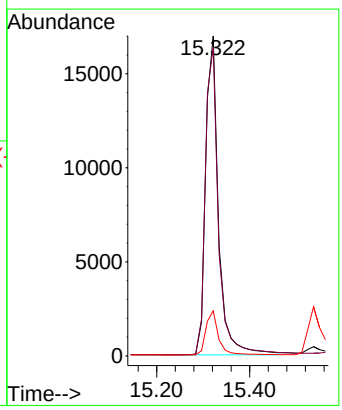


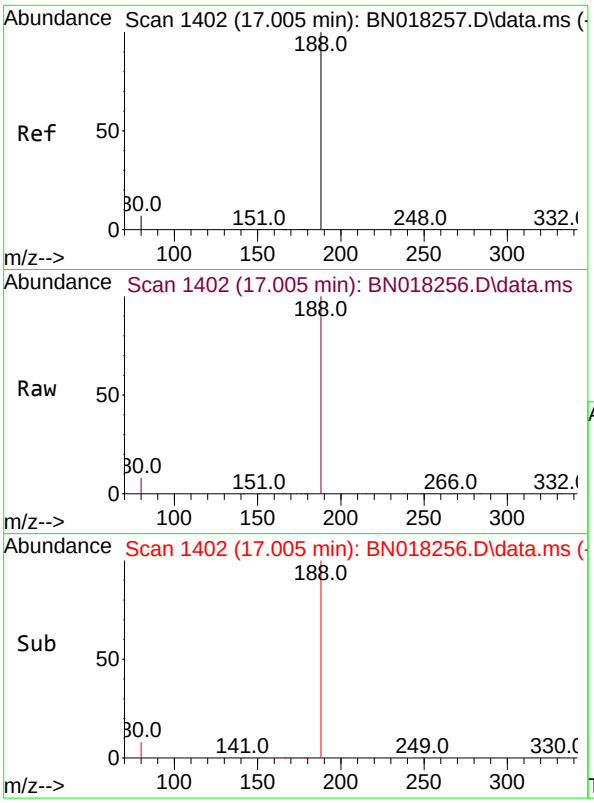


#18
Fluorene
Concen: 0.165 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.013 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:166 Resp: 32735

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.6
167	13.7	10.9	16.3



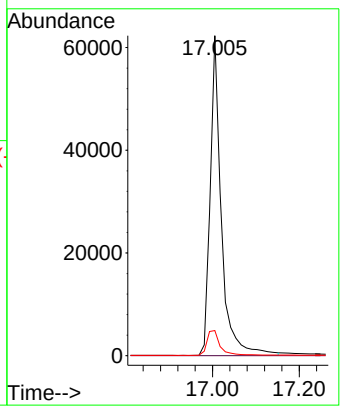


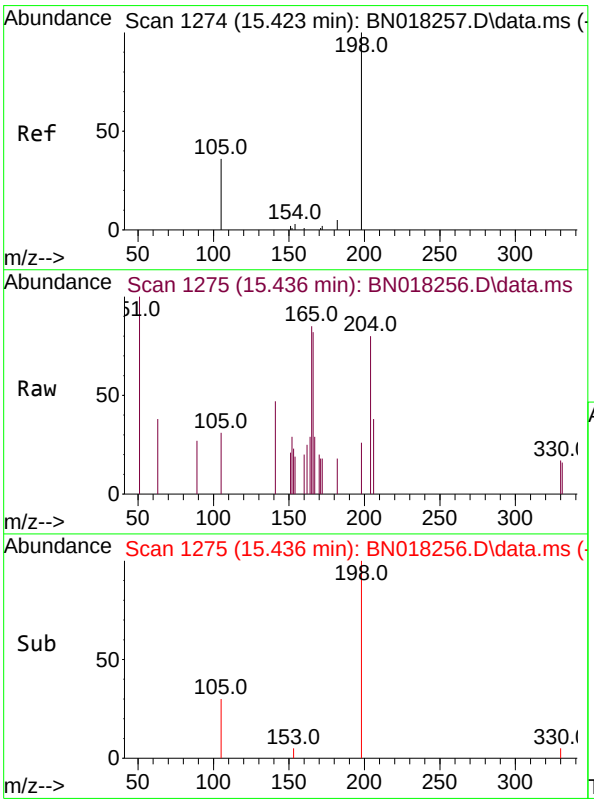
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 110706

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.0	10.4

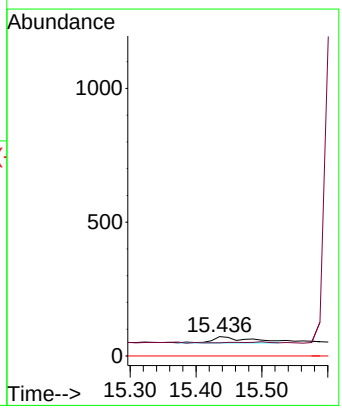


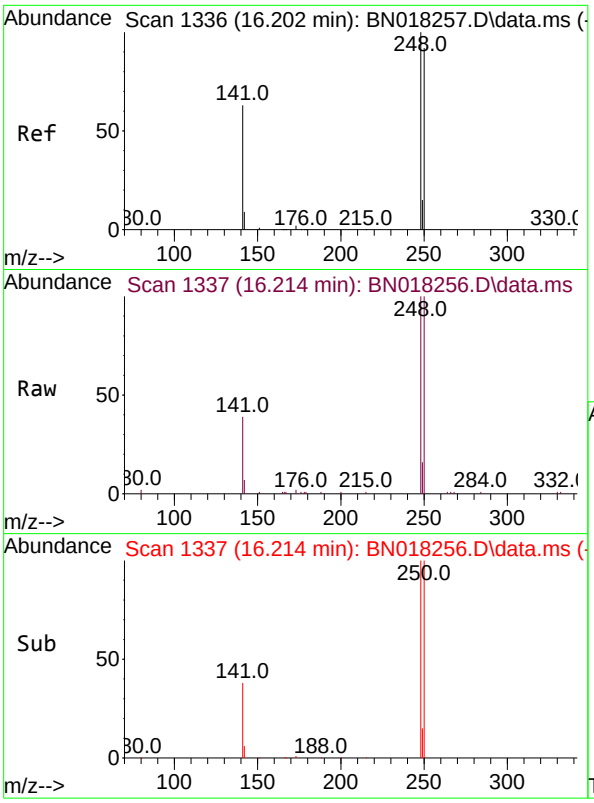


#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:198 Resp: 91

Ion	Ratio	Lower	Upper
198	100		
182	68.1	15.5	23.3#
77	0.0	0.0	0.0



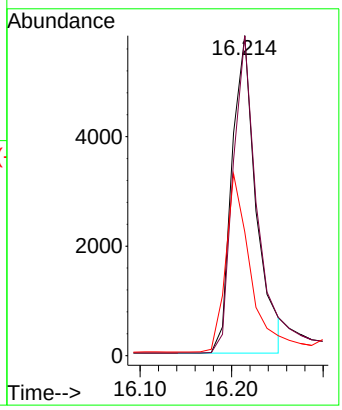


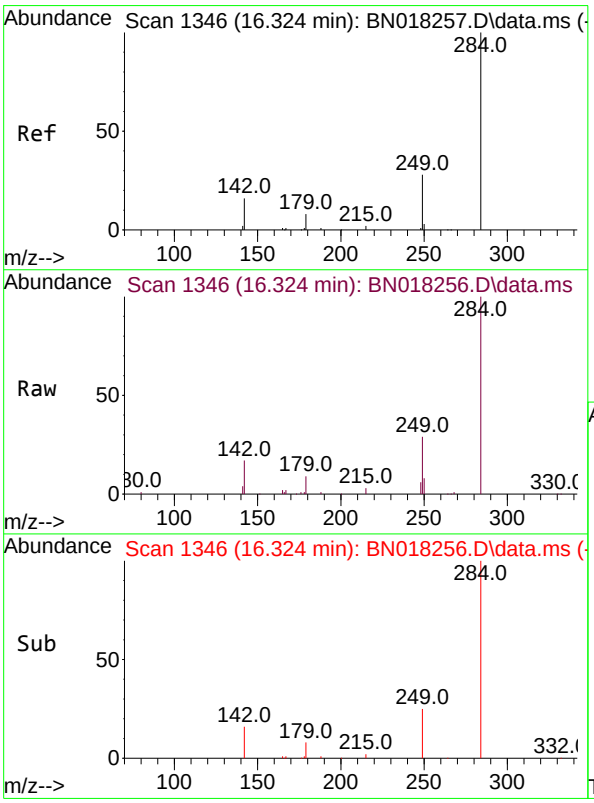
#21
4-Bromophenyl-phenylether
Concen: 0.158 ng
RT: 16.214 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 10682

Ion	Ratio	Lower	Upper
248	100		
250	99.9	74.4	111.6
141	38.7	43.7	65.5#

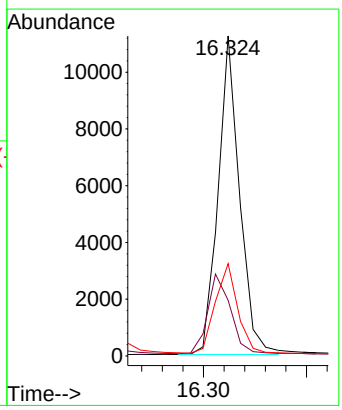


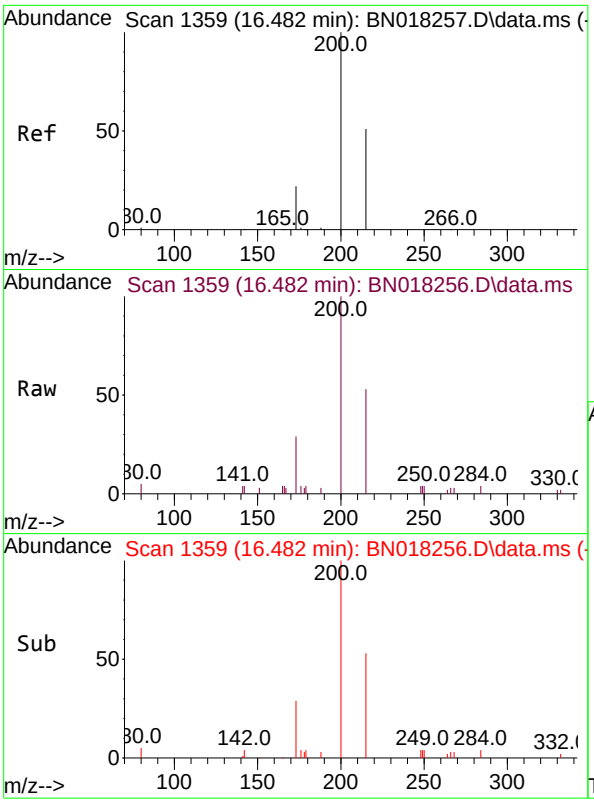


#22
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:284 Resp: 16228

Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.6	32.4
249	29.3	23.5	35.3



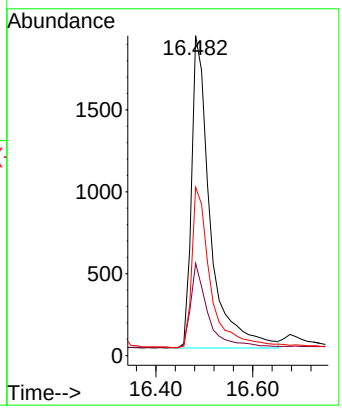


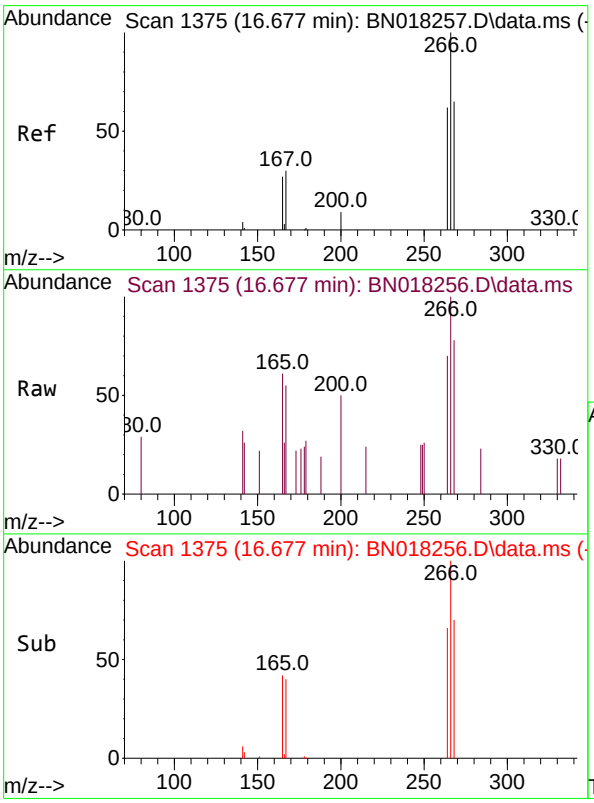
#23
Atrazine
Concen: 0.121 ng
RT: 16.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 5098

Ion	Ratio	Lower	Upper
200	100		
173	28.8	20.3	30.5
215	52.6	40.4	60.6

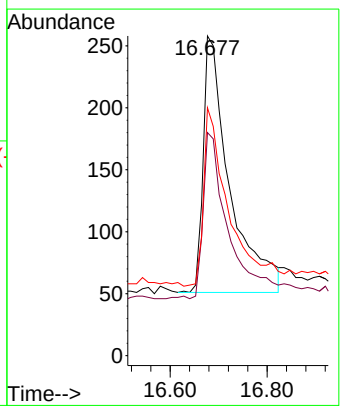


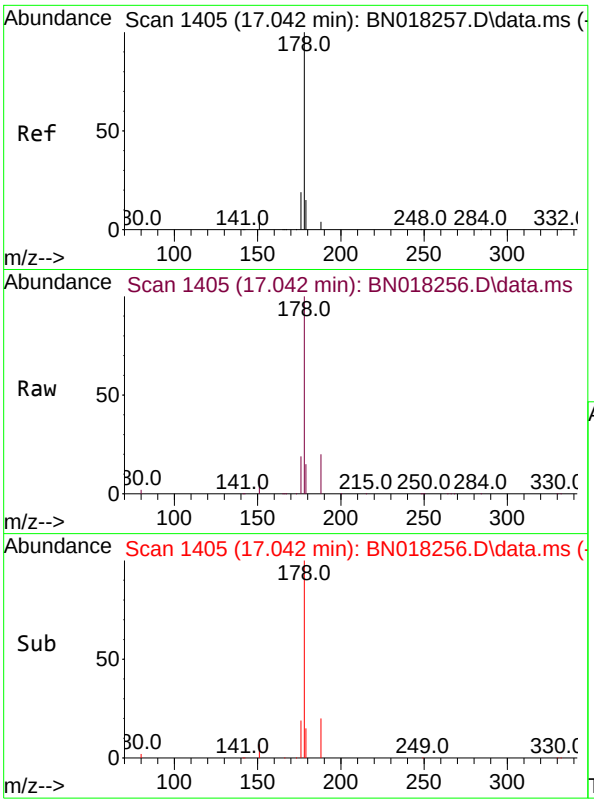


#24
Pentachlorophenol
Concen: 0.035 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:266 Resp: 786

Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.5	74.3
268	66.5	50.6	76.0



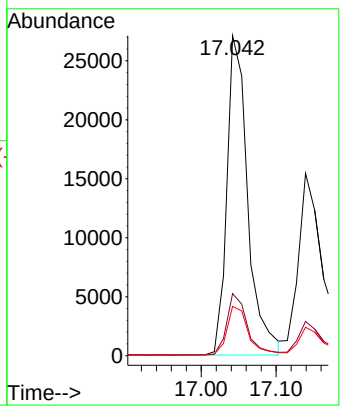


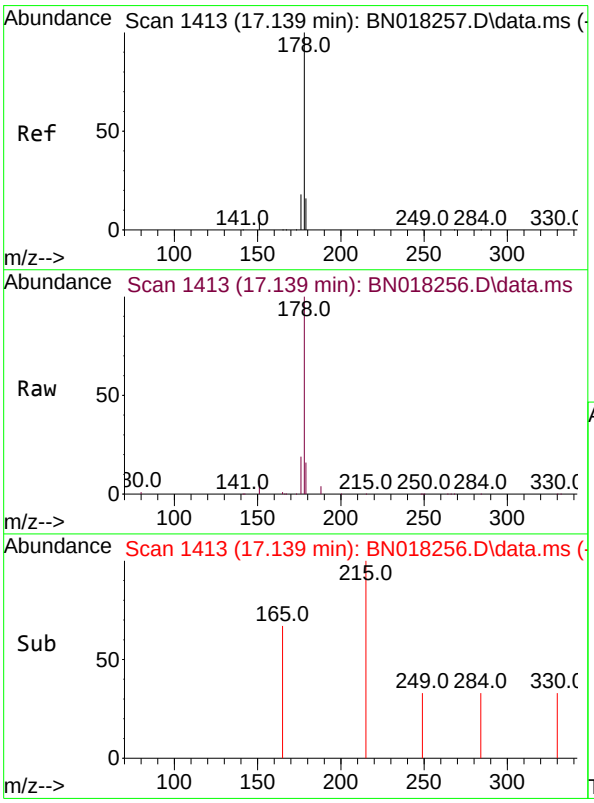
#25
Phenanthrene
Concen: 0.178 ng
RT: 17.042 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 52440

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.9	12.3	18.5

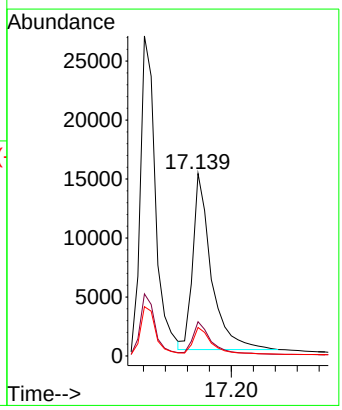


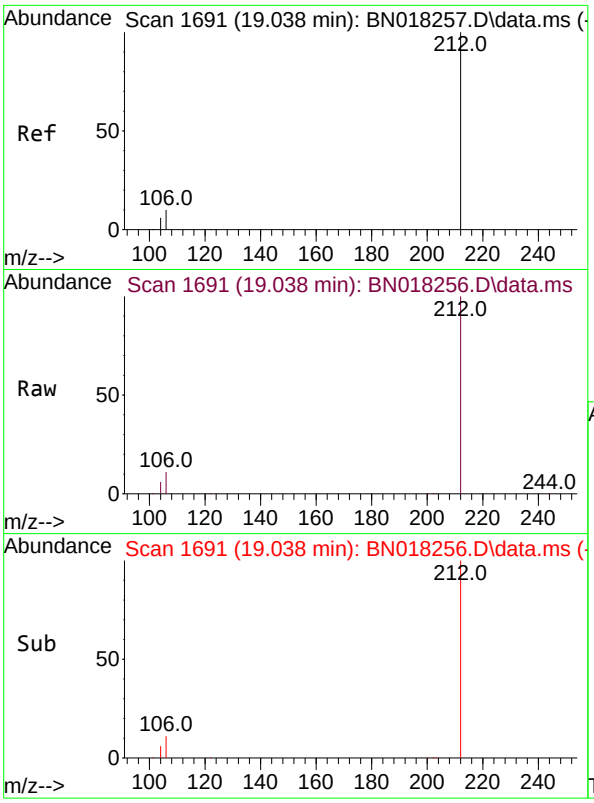


#26
Anthracene
Concen: 0.144 ng
RT: 17.139 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:178 Resp: 34978

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	12.2	18.4



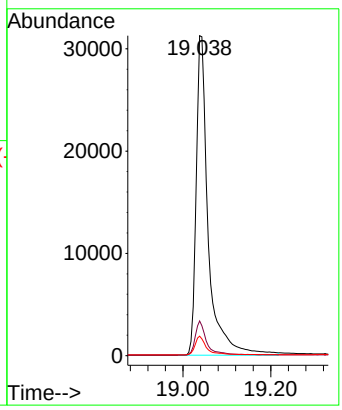


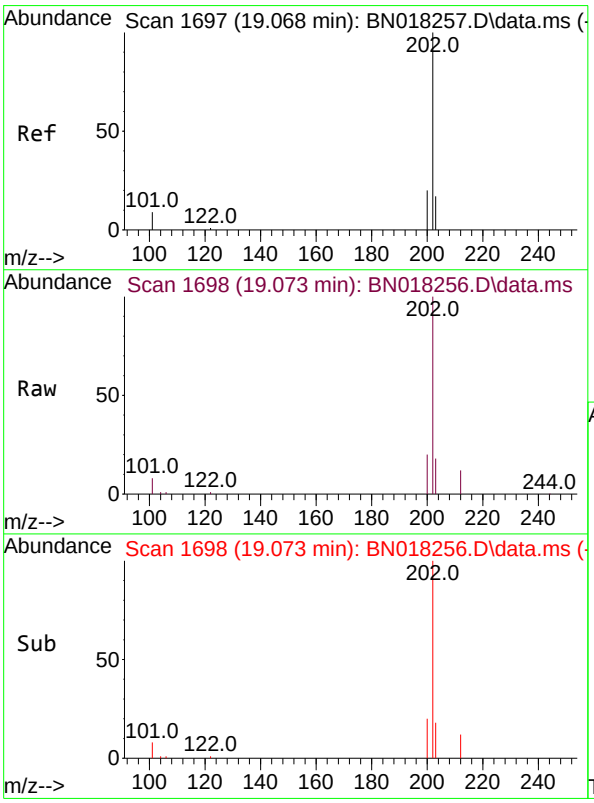
#27
Fluoranthene-d10
Concen: 0.170 ng
RT: 19.038 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 59543

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.7	4.5	6.7

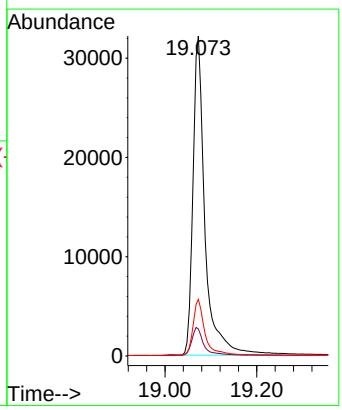


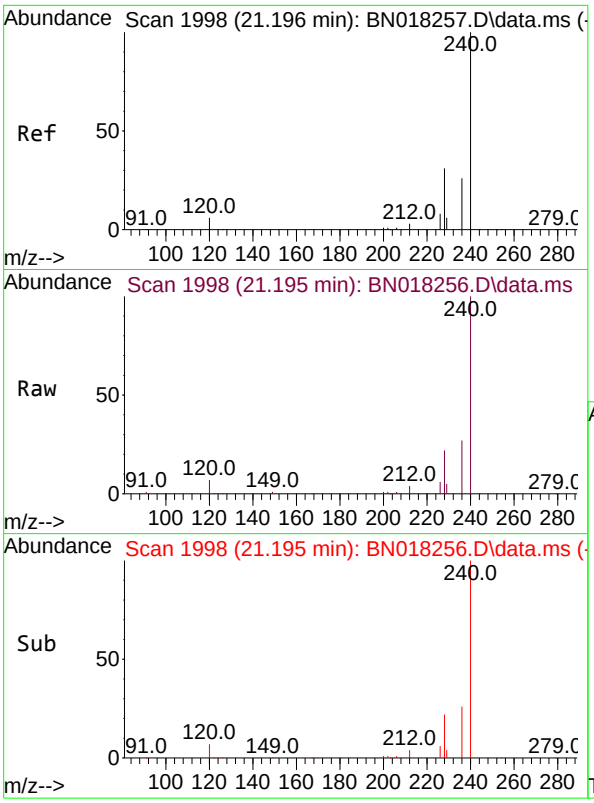


#28
Fluoranthene
Concen: 0.171 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:202 Resp: 58662

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	17.2	13.7	20.5



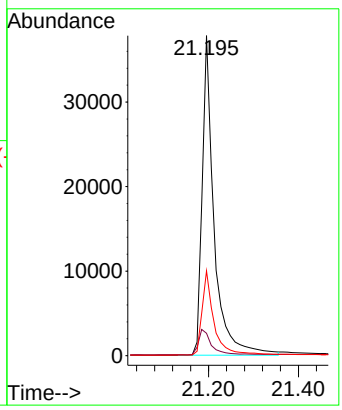


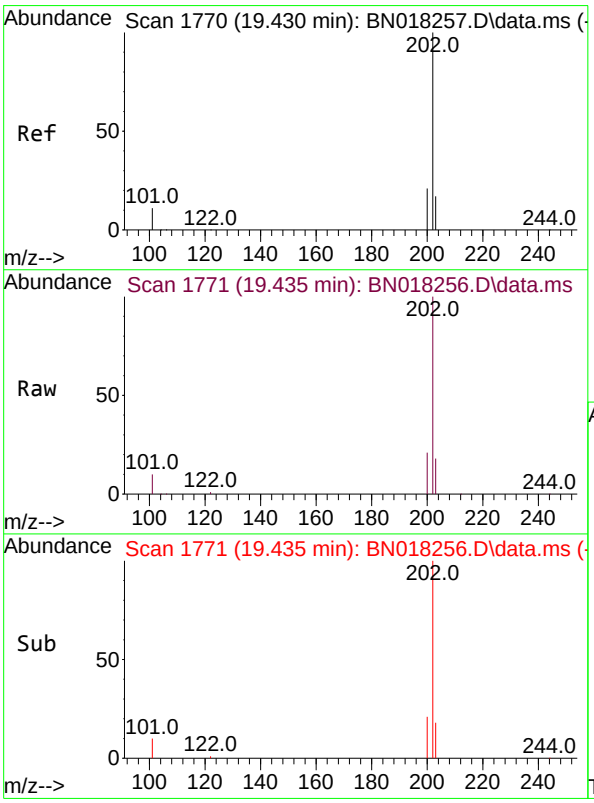
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 69445

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.0	9.0
236	26.5	21.4	32.2

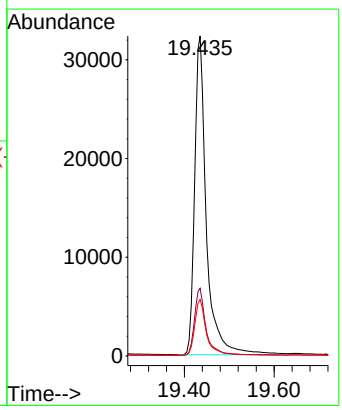


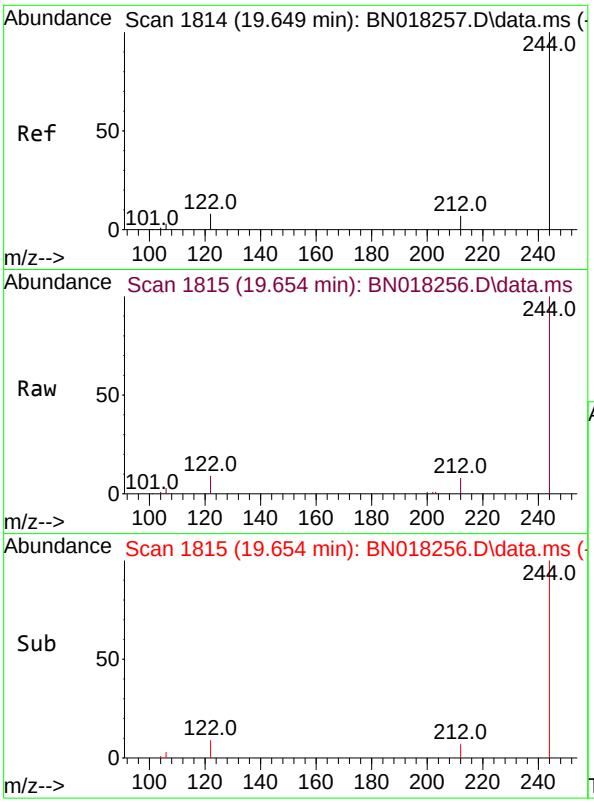


#30
Pyrene
Concen: 0.264 ng
RT: 19.435 min Scan# 1771
Delta R.T. 0.005 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:202 Resp: 58901

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.3	14.1	21.1



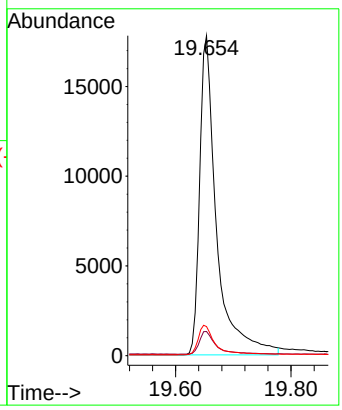


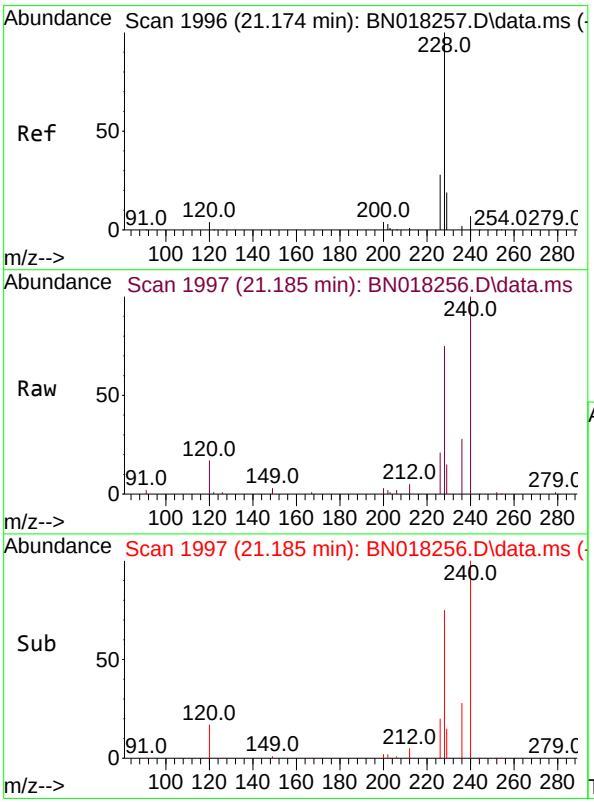
#31
Terphenyl-d14
Concen: 0.237 ng
RT: 19.654 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 36236

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.1	7.9	11.9

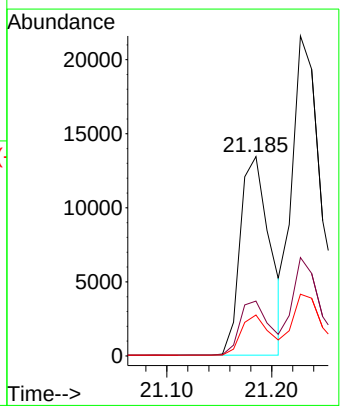


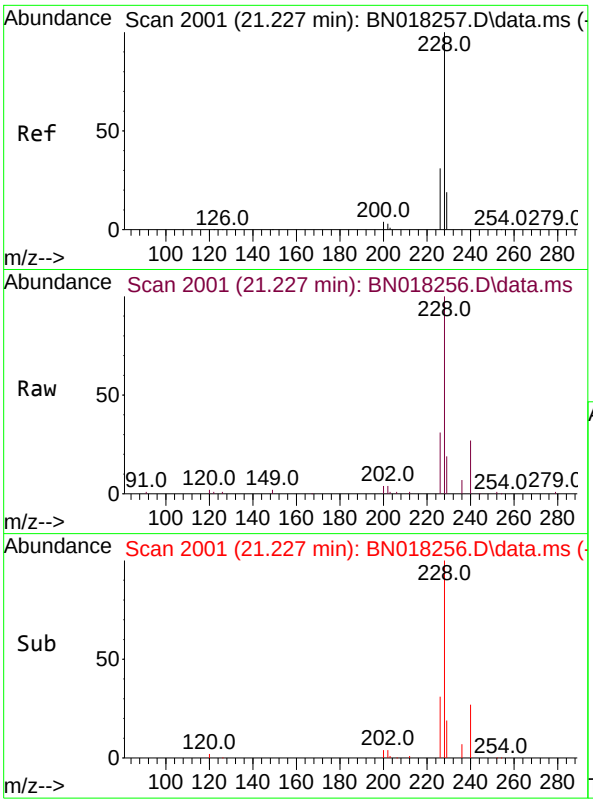


#32
Benzo(a)anthracene
Concen: 0.131 ng
RT: 21.185 min Scan# 1997
Delta R.T. 0.011 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:228 Resp: 26371

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	20.6	15.9	23.9



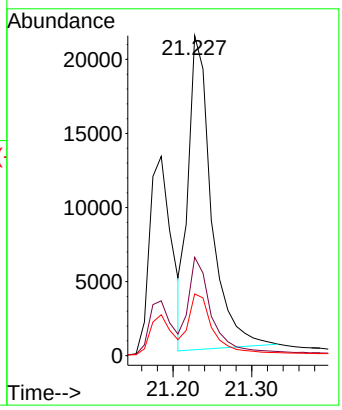


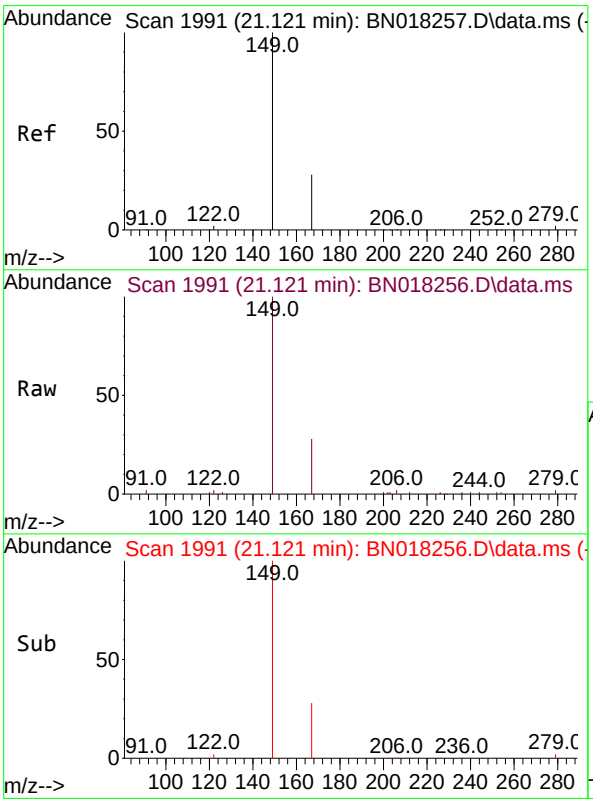
#33
Chrysene
Concen: 0.197 ng
RT: 21.227 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 43328

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	19.3	15.5	23.3

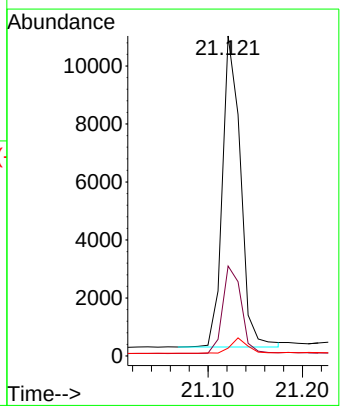


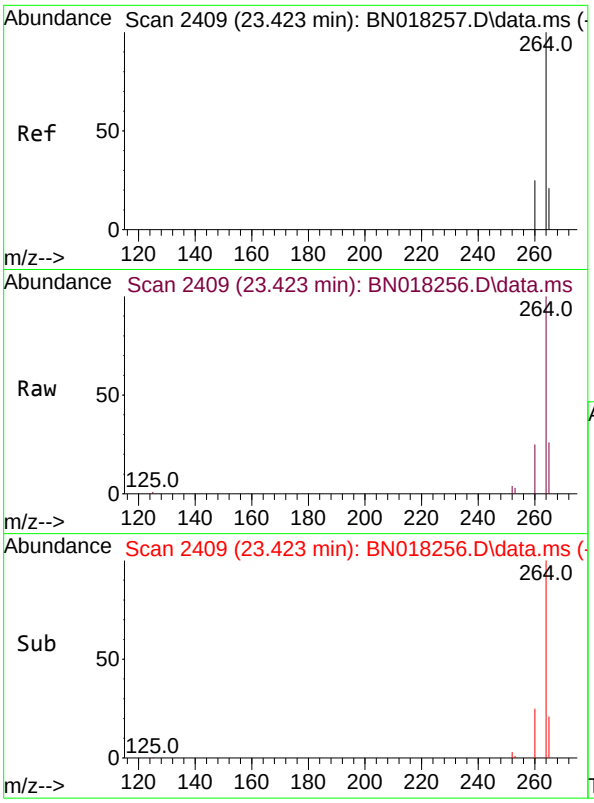


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.190 ng
RT: 21.121 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:149 Resp: 14330

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	4.7	3.6	5.4



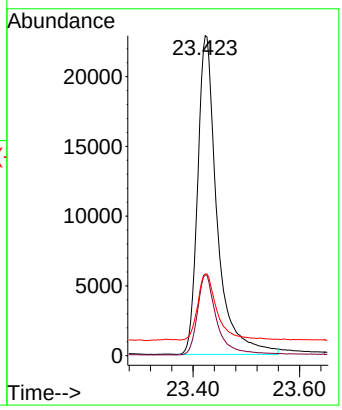


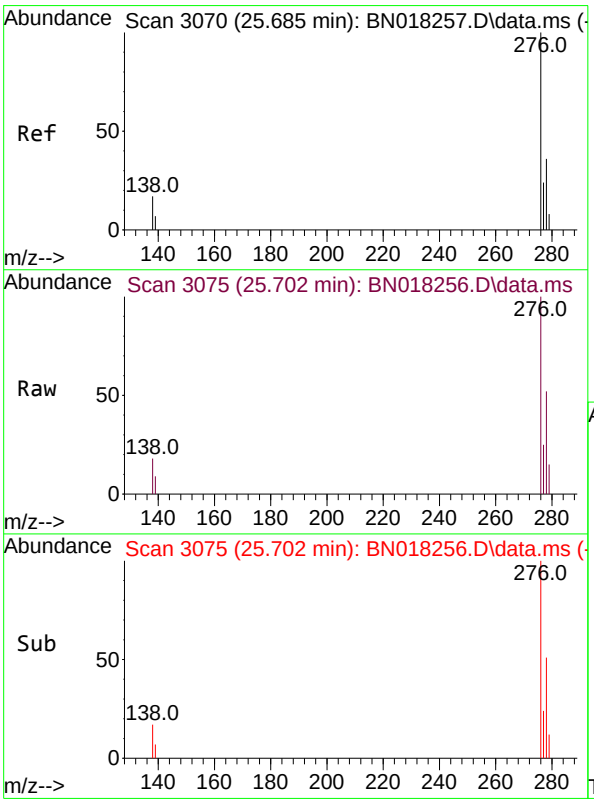
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 57766

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	25.6	18.2	27.2

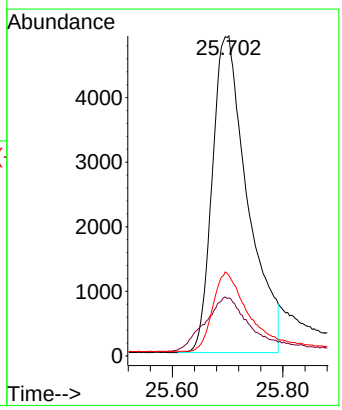


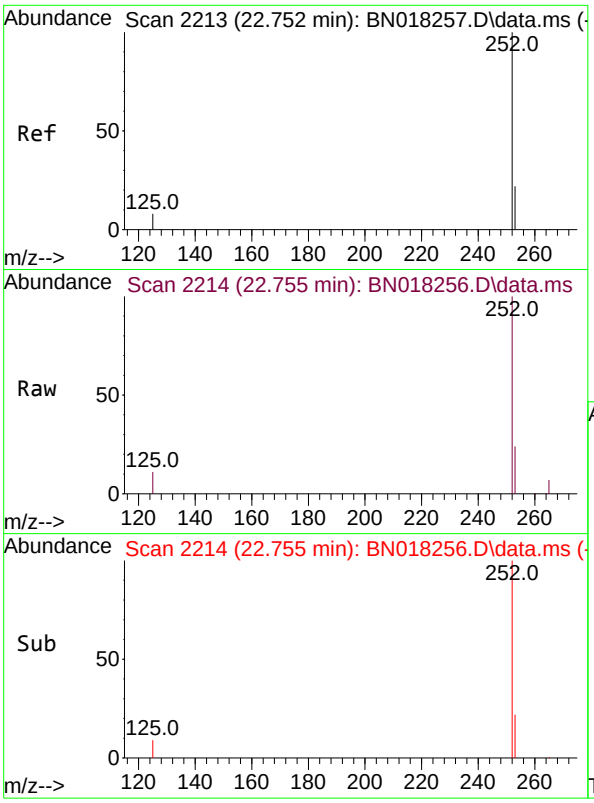


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.130 ng
RT: 25.702 min Scan# 3075
Delta R.T. 0.017 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:276 Resp: 21671

Ion	Ratio	Lower	Upper
276	100		
138	21.1	14.9	22.3
277	24.7	19.9	29.9



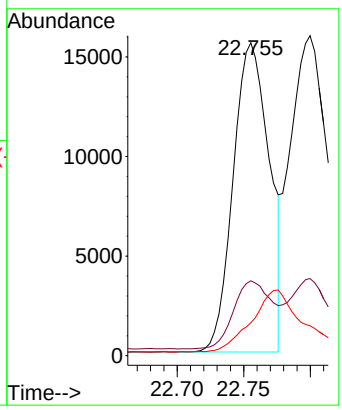


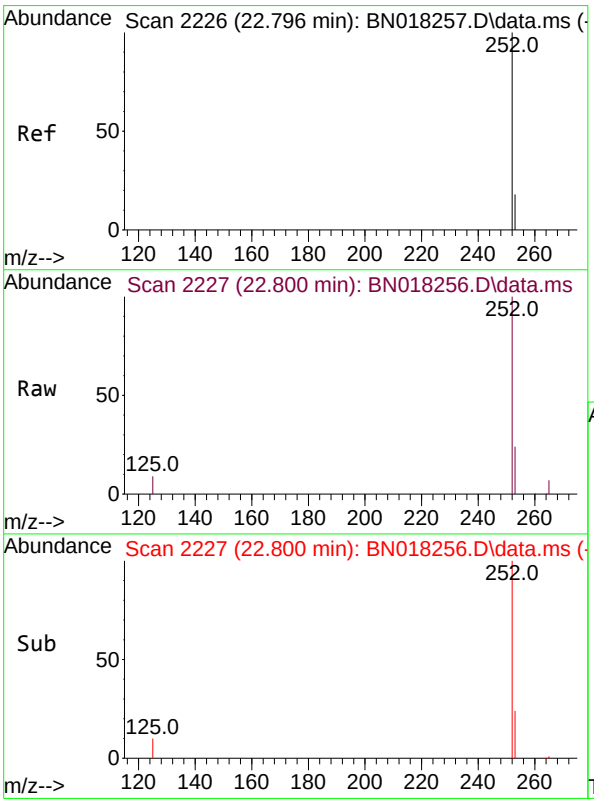
#37
Benzo(b)fluoranthene
Concen: 0.164 ng
RT: 22.755 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 29307

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	10.5	6.0	9.0#

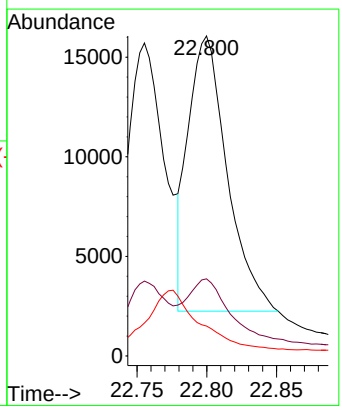


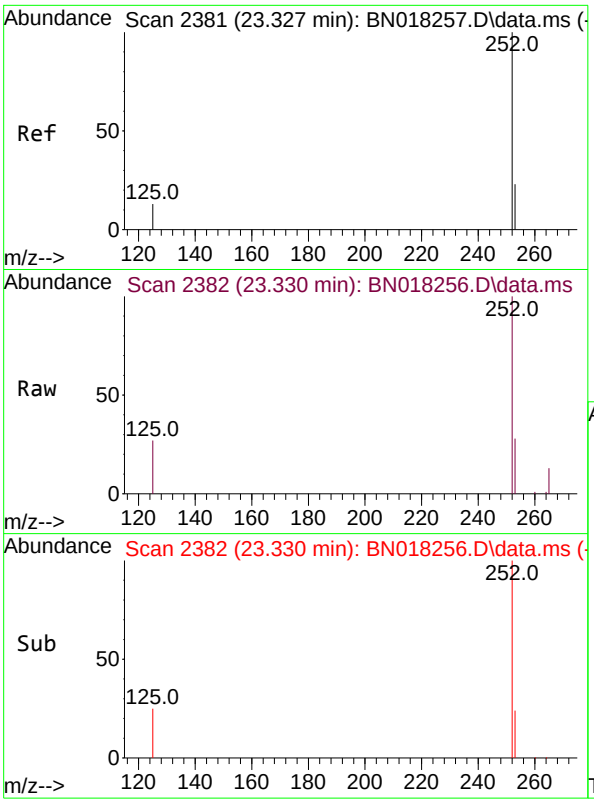


#38
Benzo(k)fluoranthene
Concen: 0.149 ng
RT: 22.800 min Scan# 2227
Delta R.T. 0.003 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:252 Resp: 26805

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	9.3	6.2	9.2#



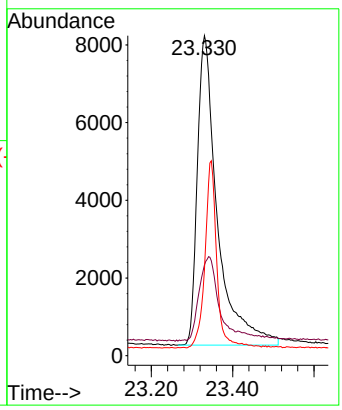


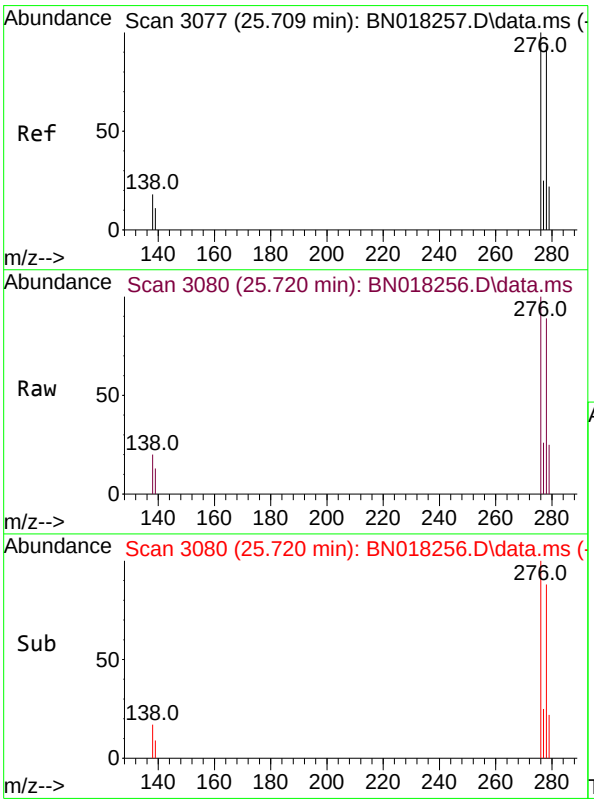
#39
Benzo(a)pyrene
Concen: 0.170 ng
RT: 23.330 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 27289

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.8	26.6#
125	26.8	7.0	10.4#

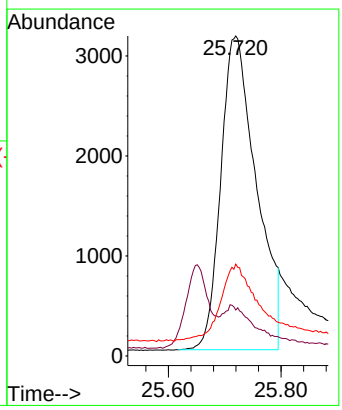


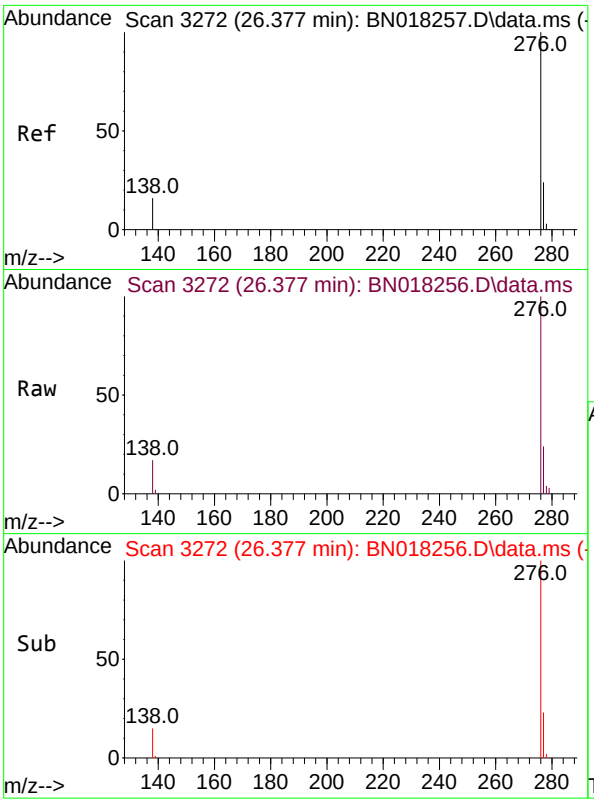


#40
Dibenzo(a,h)anthracene
Concen: 0.112 ng
RT: 25.720 min Scan# 3080
Delta R.T. 0.010 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Tgt Ion:278 Resp: 13769

Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.8	16.2
279	28.7	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.159 ng
RT: 26.377 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018256.D
Acq: 29 Dec 2021 11:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 24517

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	16.6	12.6	19.0