Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091322\
Data File : BN021726.D
Acq On : 13 Sep 2022 14:26
Operator : CG/JU
Sample : N4492-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Quant Time: Sep 14 01:01:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	4576	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	15656	0.400	ng		0.00
13) Acenaphthene-d10	14.718	164	9831	0.400	ng		0.01
19) Phenanthrene-d10	17.460	188	19340	0.400	ng	#	0.00
29) Chrysene-d12	21.655	240	12908	0.400	ng	#	0.00
35) Perylene-d12	24.170	264	9695	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.592	112	1639	0.183	ng		0.00
5) Phenol-d6	7.217	99	1437	0.126	ng		0.00
8) Nitrobenzene-d5	9.233	82	3404	0.322	ng		0.00
11) 2-Methylnaphthalene-d10	12.478	152	9632	0.273	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1293	0.401	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	11092	0.258	ng		0.00
27) Fluoranthene-d10	19.493	212	17297	0.348	ng		0.00
31) Terphenyl-d14	20.088	244	12253	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	3550	0.620	ng		98
3) n-Nitrosodimethylamine	3.743	42	728	0.141	ng	#	94
6) bis(2-Chloroethyl)ether	7.477	93	4030	0.281	ng		97
9) Naphthalene	10.941	128	12977	0.280	ng		98
10) Hexachlorobutadiene	11.219	225	1557	0.194	ng	#	100
12) 2-Methylnaphthalene	12.180	142	2560	0.458	ng	#	94
16) Acenaphthylene	14.440	152	12541	0.272	ng		98
17) Acenaphthene	14.771	154	8624	0.266	ng		97
18) Fluorene	15.766	166	11763	0.294	ng		99
21) 4-Bromophenyl-phenylether	16.649	248	3489	0.288	ng	#	89
22) Hexachlorobenzene	16.762	284	3752	0.254	ng		100
23) Atrazine	16.916	200	2905	0.411	ng		98
24) Pentachlorophenol	17.111	266	3764	1.050	ng		99
25) Phenanthrene	17.501	178	19372	0.290	ng		100
26) Anthracene	17.593	178	16336	0.308	ng		99
28) Fluoranthene	19.522	202	20412	0.294	ng		100
30) Pyrene	19.885	202	23033	0.335	ng		97
32) Benzo(a)anthracene	21.637	228	14951	0.333	ng		99
33) Chrysene	21.691	228	15318	0.286	ng		98
34) Bis(2-ethylhexyl)phtha...	21.548	149	10815	0.597	ng		100
36) Indeno(1,2,3-cd)pyrene	26.811	276	11052	0.253	ng		100
37) Benzo(b)fluoranthene	23.396	252	13533	0.283	ng		93
38) Benzo(k)fluoranthene	23.445	252	12605	0.262	ng	#	92
39) Benzo(a)pyrene	24.056	252	10157	0.305	ng	#	87
40) Dibenzo(a,h)anthracene	26.837	278	9069	0.257	ng		97
41) Benzo(g,h,i)perylene	27.632	276	9817	0.254	ng		97

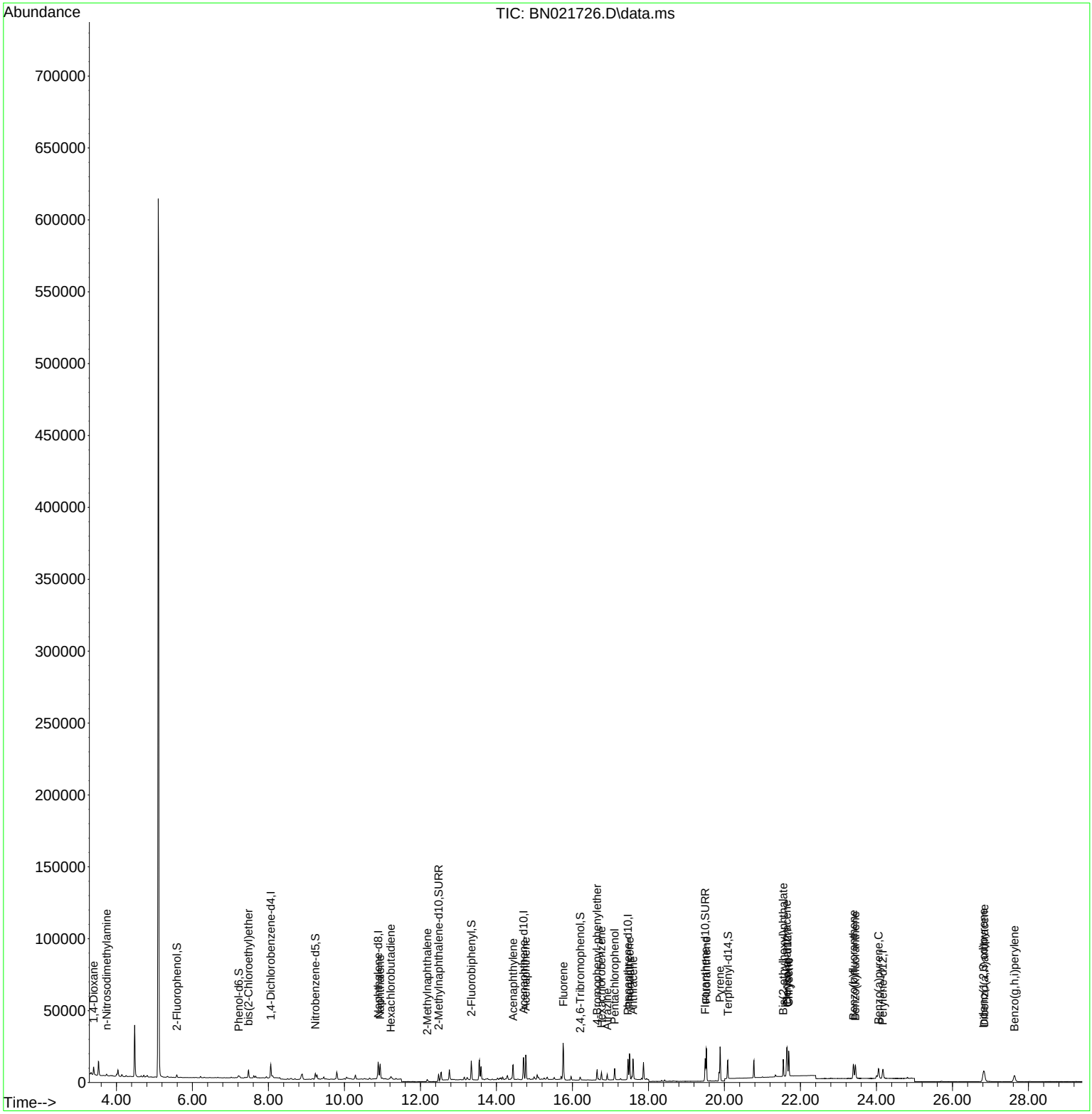
(#) = qualifier out of range (m) = manual integration (+) = signals summed

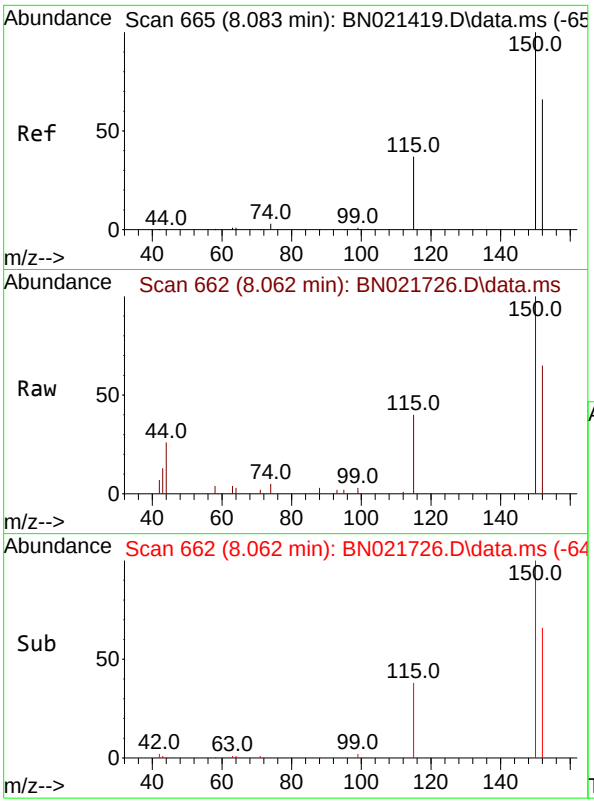
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091322\
Data File : BN021726.D
Acq On : 13 Sep 2022 14:26
Operator : CG/JU
Sample : N4492-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Quant Time: Sep 14 01:01:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration



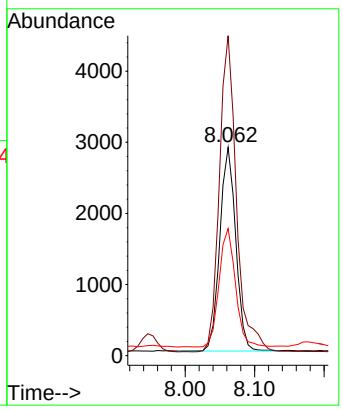


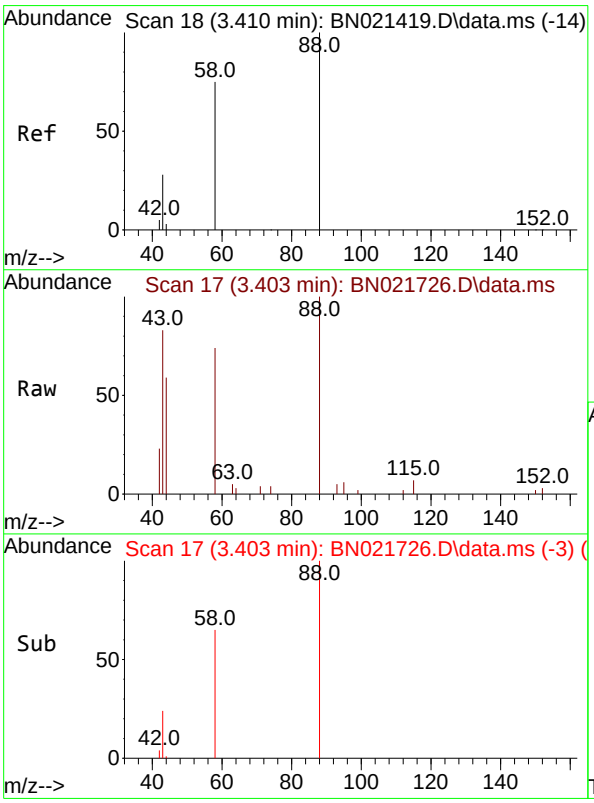
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:152 Resp: 4576

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.4	182.0
115	61.1	48.6	72.8

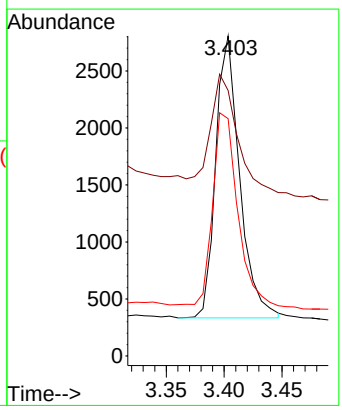


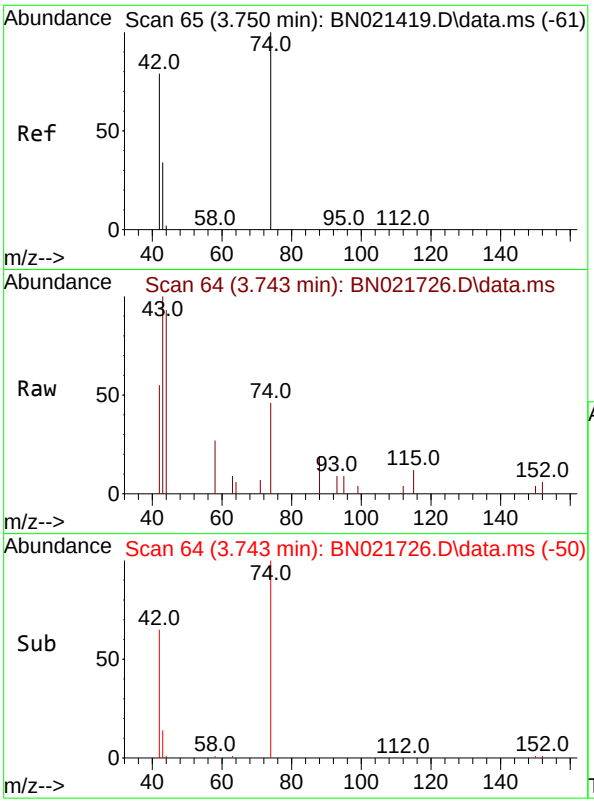


#2
1,4-Dioxane
Concen: 0.620 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion: 88 Resp: 3550

Ion	Ratio	Lower	Upper
88	100		
43	47.7	35.8	53.8
58	70.7	57.1	85.7



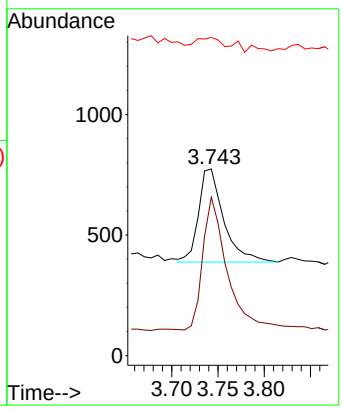


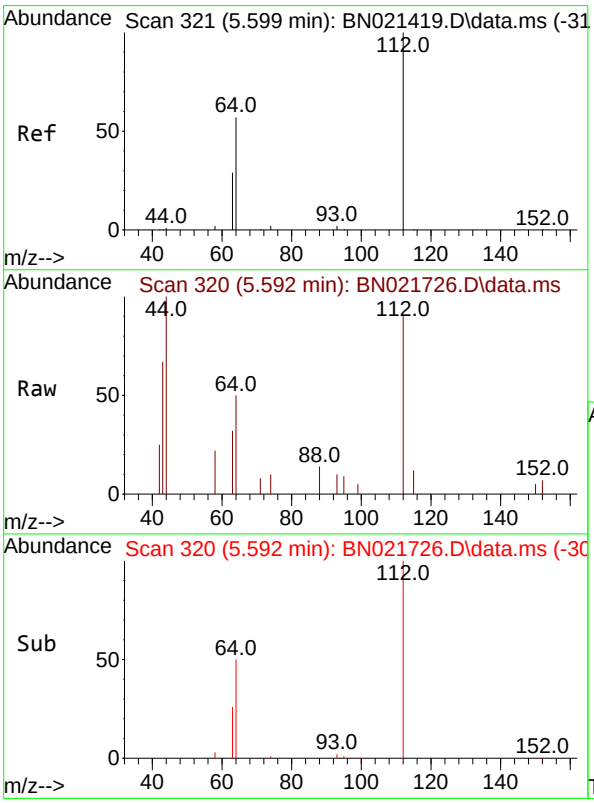
#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion: 42 Resp: 728

Ion	Ratio	Lower	Upper
42	100		
74	136.1	113.0	169.6
44	21.2	10.5	15.7#

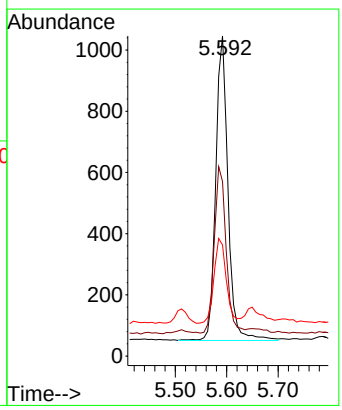


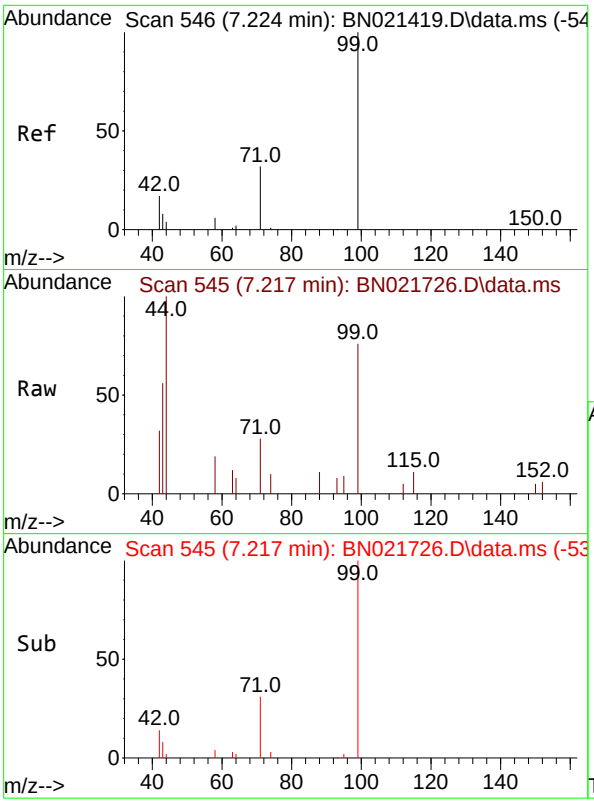


#4
2-Fluorophenol
Concen: 0.183 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:112 Resp: 1639

Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.5	65.3
63	27.8	22.6	34.0



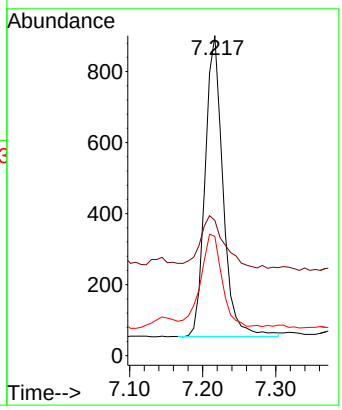


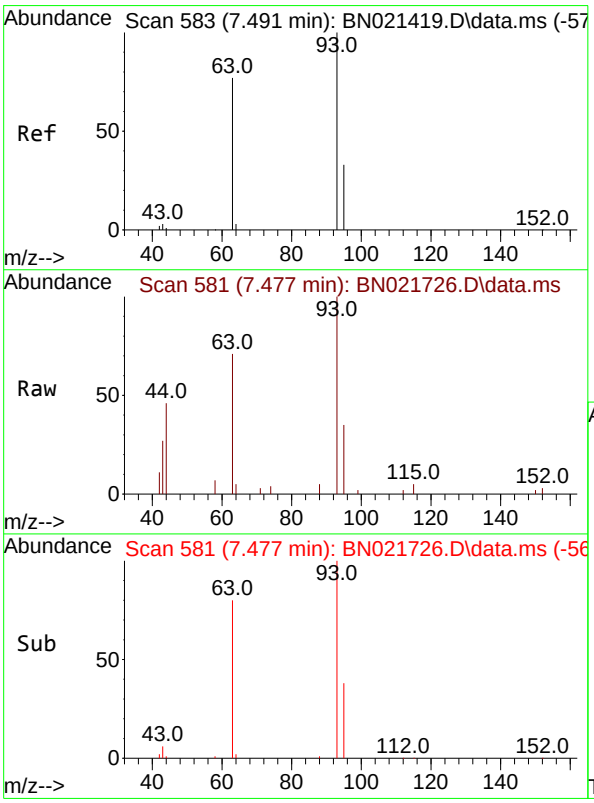
#5
Phenol-d6
Concen: 0.126 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion: 99 Resp: 1437

Ion	Ratio	Lower	Upper
99	100		
42	23.7	15.5	23.3#
71	36.7	24.2	36.2#

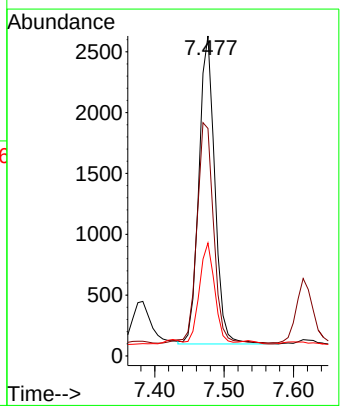


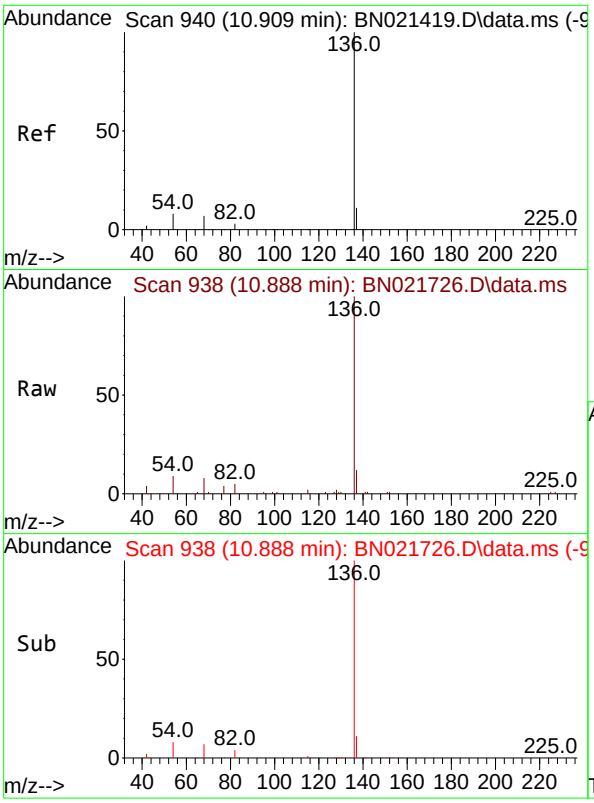


#6
bis(2-Chloroethyl)ether
Concen: 0.281 ng
RT: 7.477 min Scan# 581
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion: 93 Resp: 4030

Ion	Ratio	Lower	Upper
93	100		
63	75.1	57.8	86.8
95	31.6	25.9	38.9



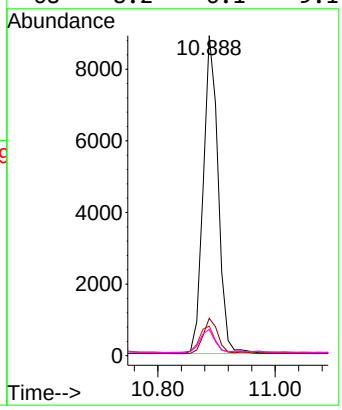


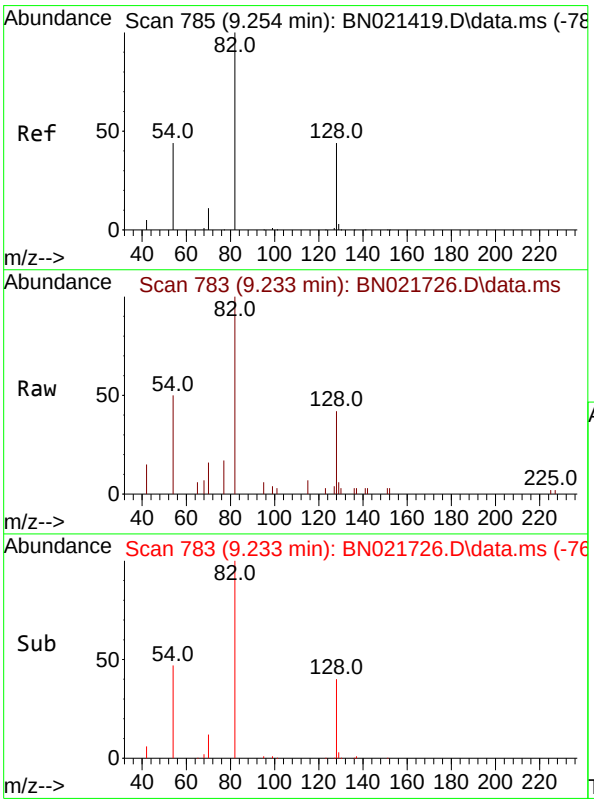
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:136 Resp: 15656

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	9.3	6.9	10.3
68	8.2	6.1	9.1

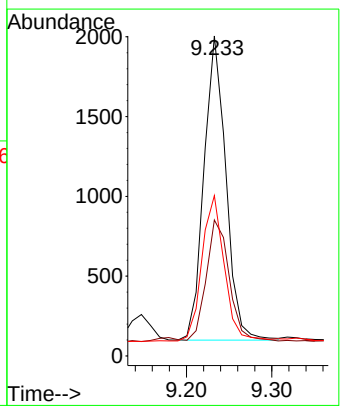


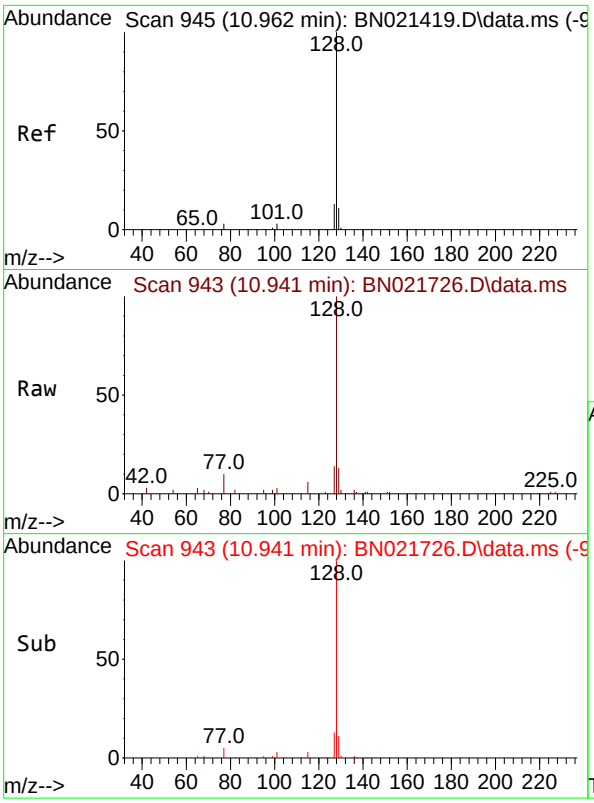


#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion: 82 Resp: 3404

Ion	Ratio	Lower	Upper
82	100		
128	42.5	30.9	46.3
54	50.1	42.7	64.1



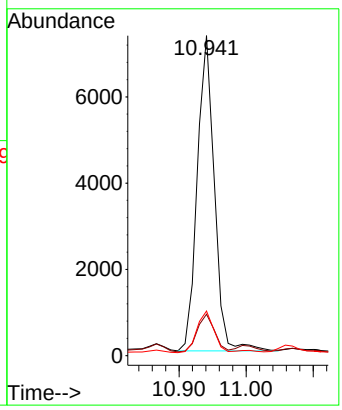


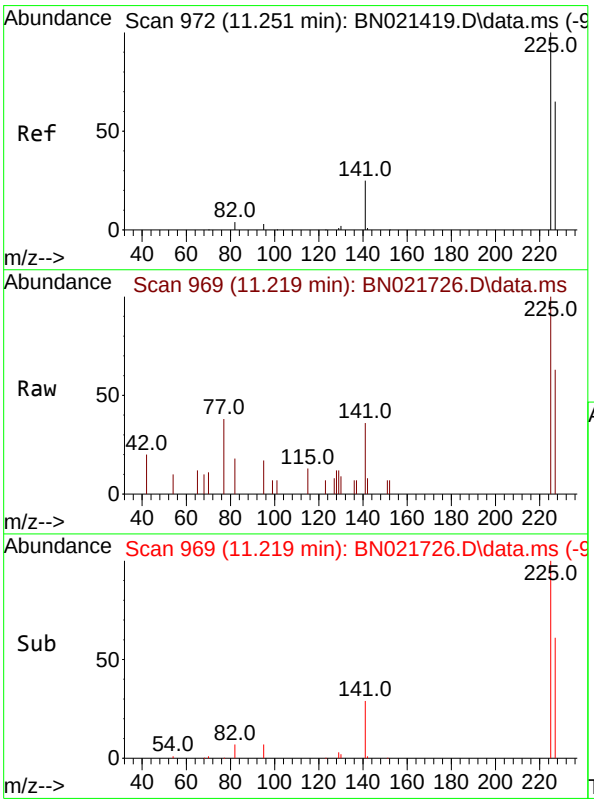
#9
Naphthalene
Concen: 0.280 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:128 Resp: 12977

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.3	13.9
127	13.9	11.0	16.4

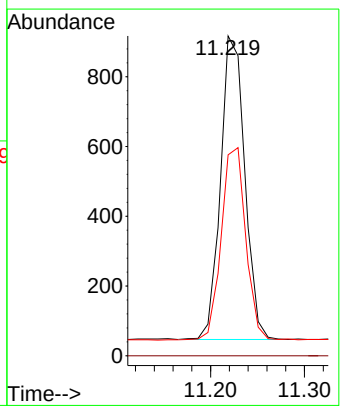


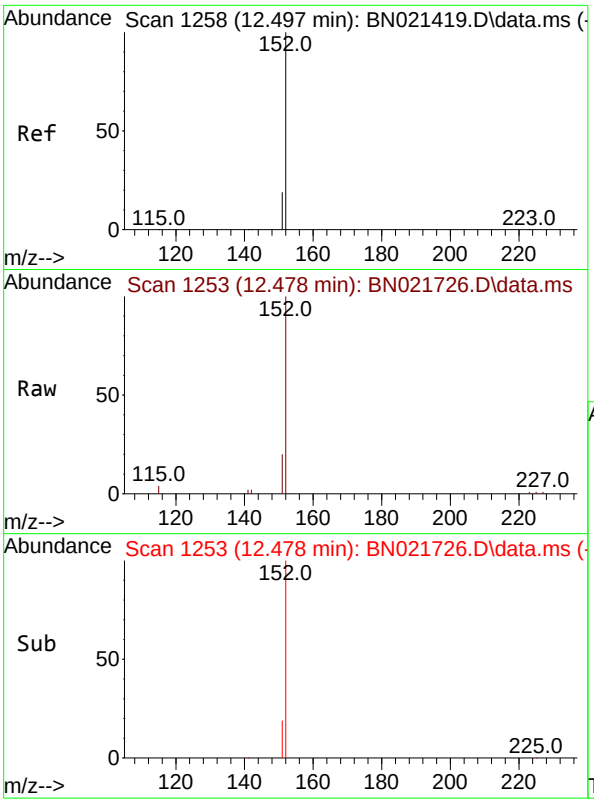


#10
Hexachlorobutadiene
Concen: 0.194 ng
RT: 11.219 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:225 Resp: 1557

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.2	76.8



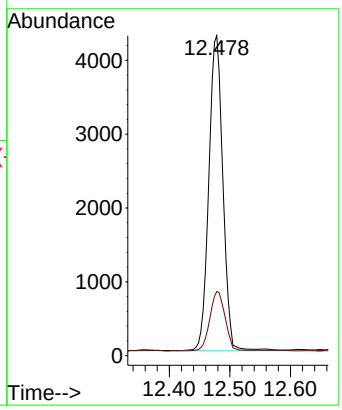


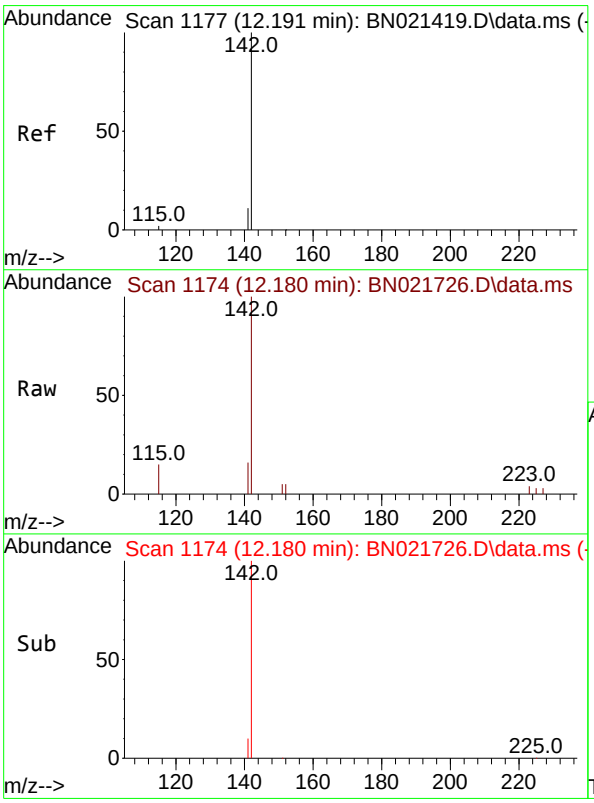
#11
2-Methylnaphthalene-d10
Concen: 0.273 ng
RT: 12.478 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:152 Resp: 9632

Ion	Ratio	Lower	Upper
152	100		
151	23.6	14.5	21.7#

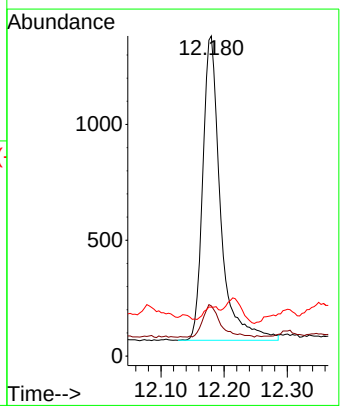


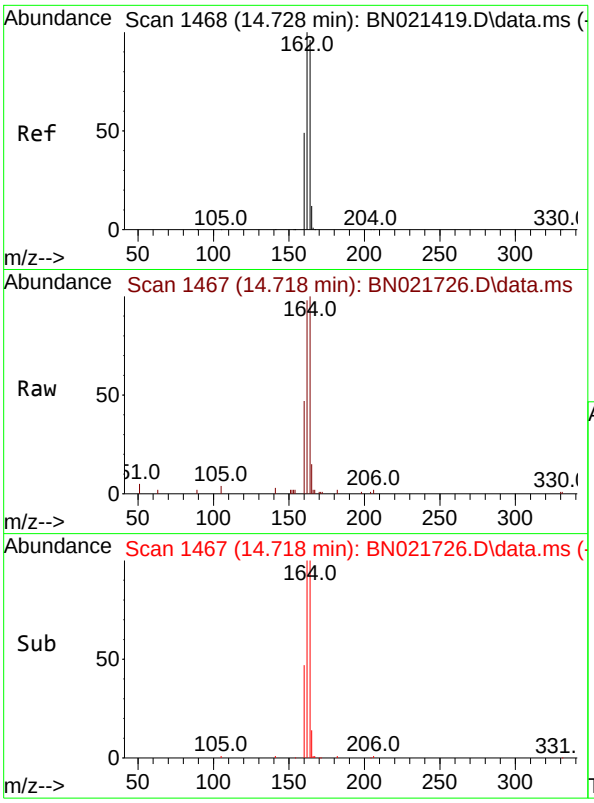


#12
2-Methylnaphthalene
Concen: 0.458 ng
RT: 12.180 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:142 Resp: 2560

Ion	Ratio	Lower	Upper
142	100		
141	15.7	12.2	18.2
115	15.3	7.9	11.9#



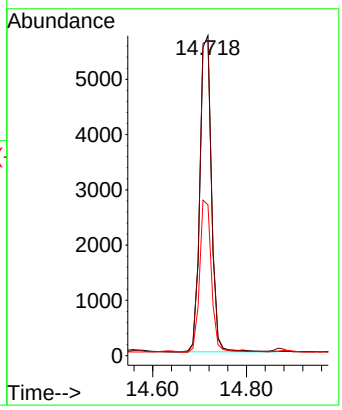


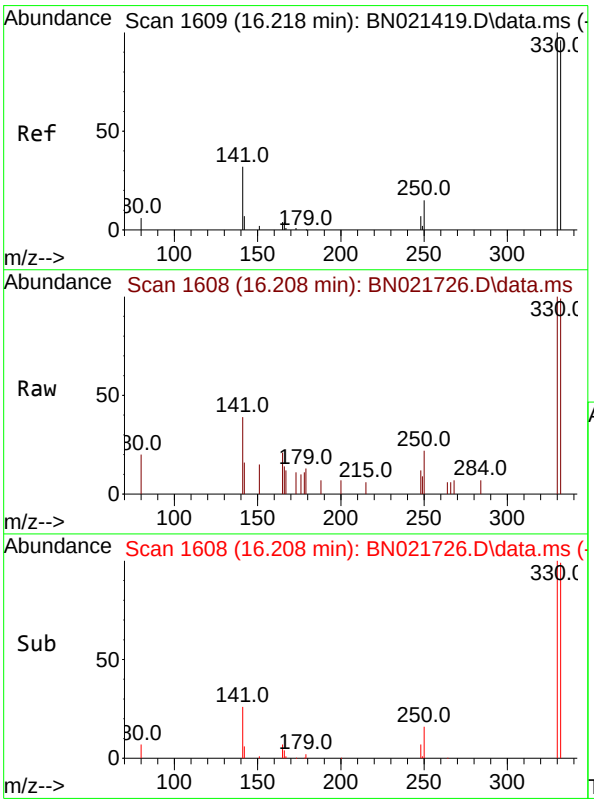
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:164 Resp: 9831

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.2	123.4
160	47.1	39.5	59.3

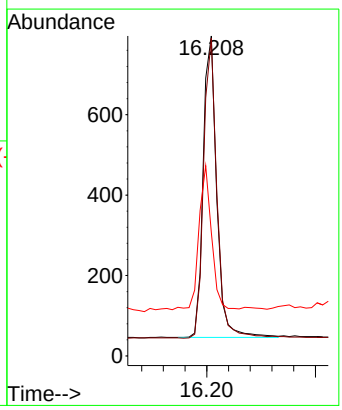


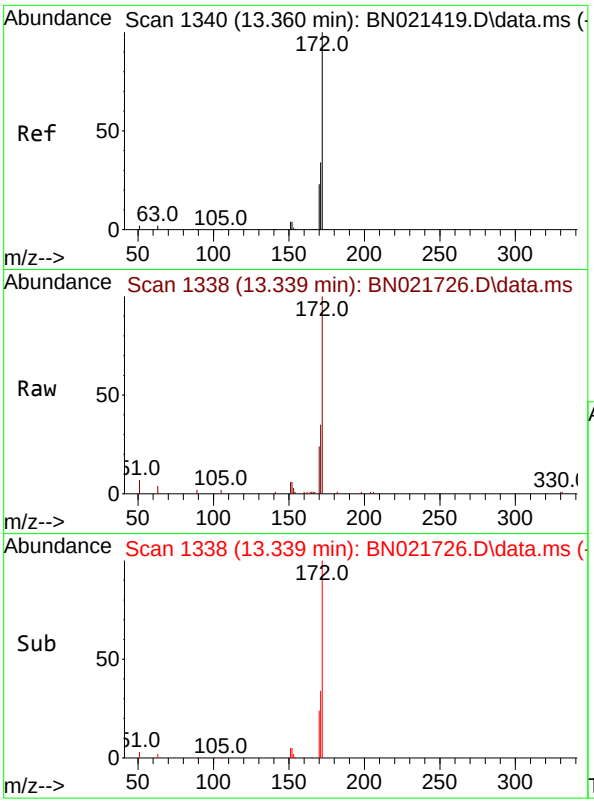


#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:330 Resp: 1293

Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.3	118.9
141	44.4	37.1	55.7



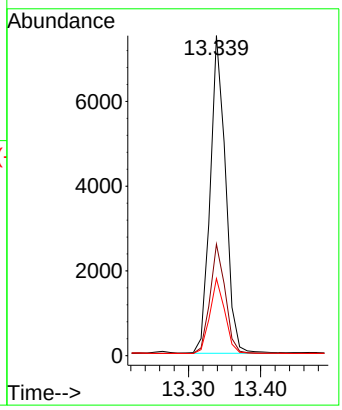


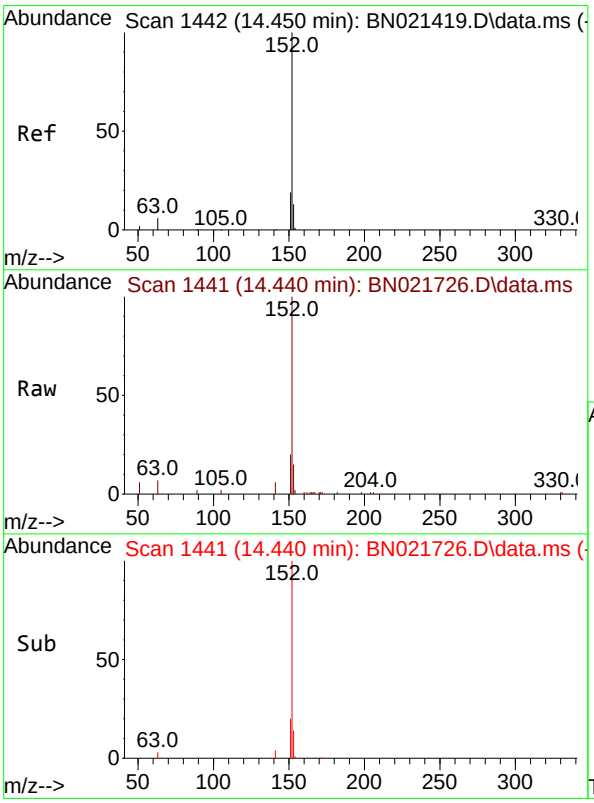
#15
2-Fluorobiphenyl
Concen: 0.258 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:172 Resp: 11092

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	24.1	18.6	28.0

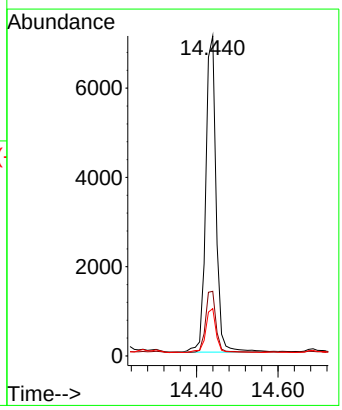


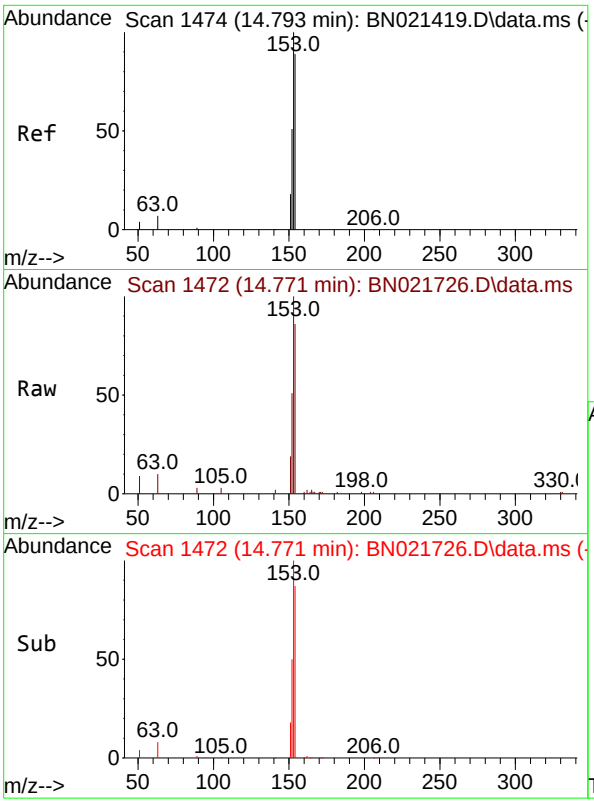


#16
Acenaphthylene
Concen: 0.272 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.011 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:152 Resp: 12541

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	14.3	10.3	15.5



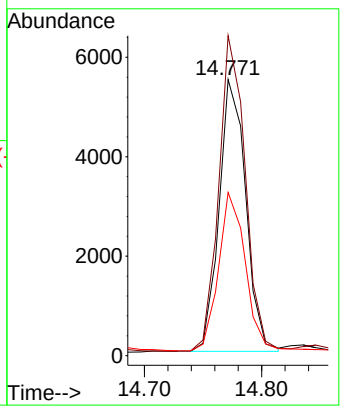


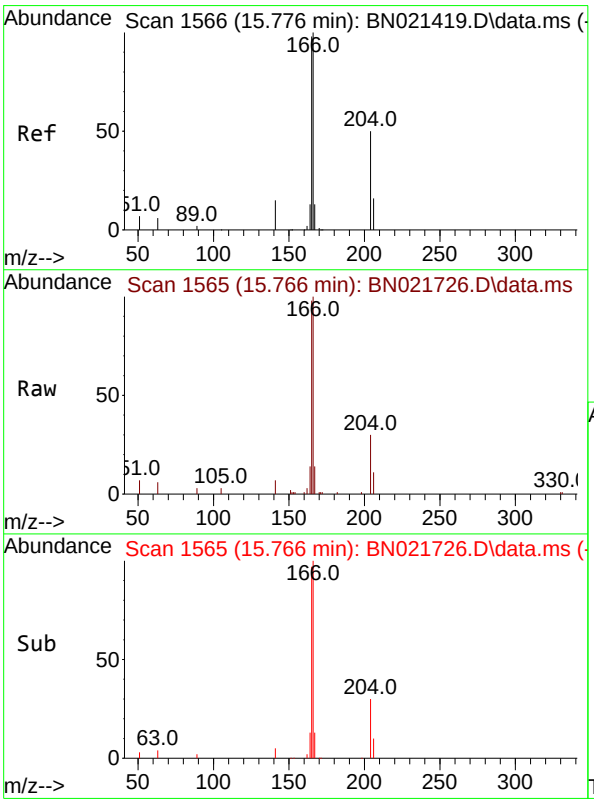
#17
Acenaphthene
Concen: 0.266 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:154 Resp: 8624

Ion	Ratio	Lower	Upper
154	100		
153	115.3	89.5	134.3
152	59.3	45.5	68.3

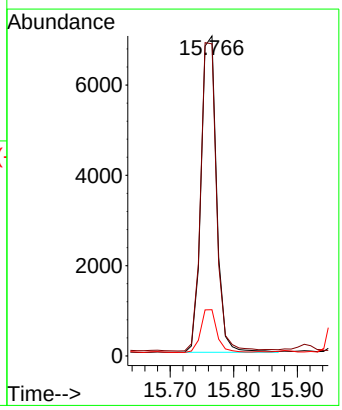


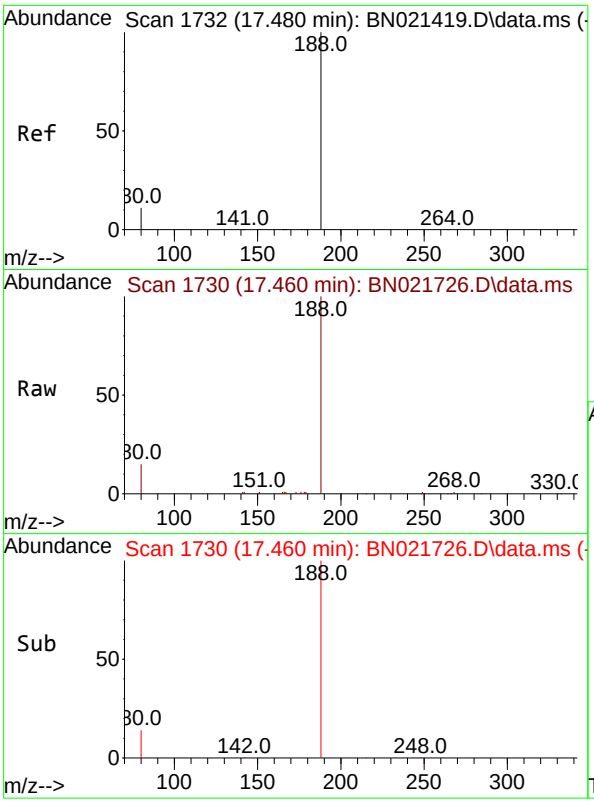


#18
Fluorene
Concen: 0.294 ng
RT: 15.766 min Scan# 1565
Delta R.T. 0.011 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:166 Resp: 11763

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.7	118.1
167	14.3	10.6	16.0



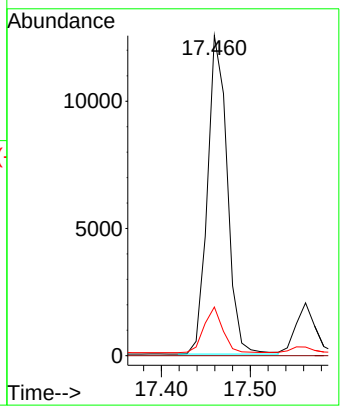


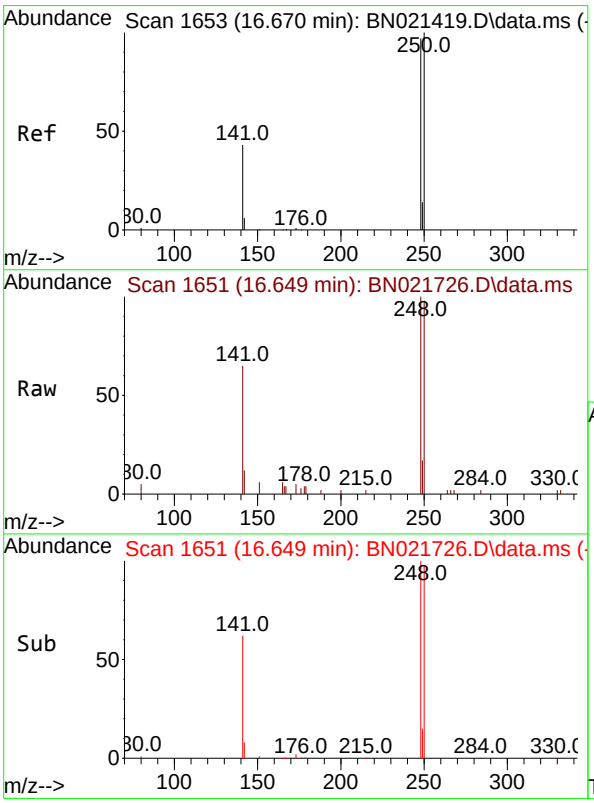
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:188 Resp: 19340

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	9.5	14.3#

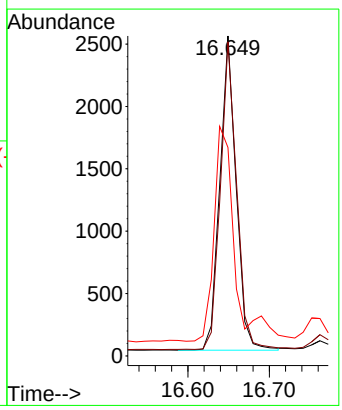


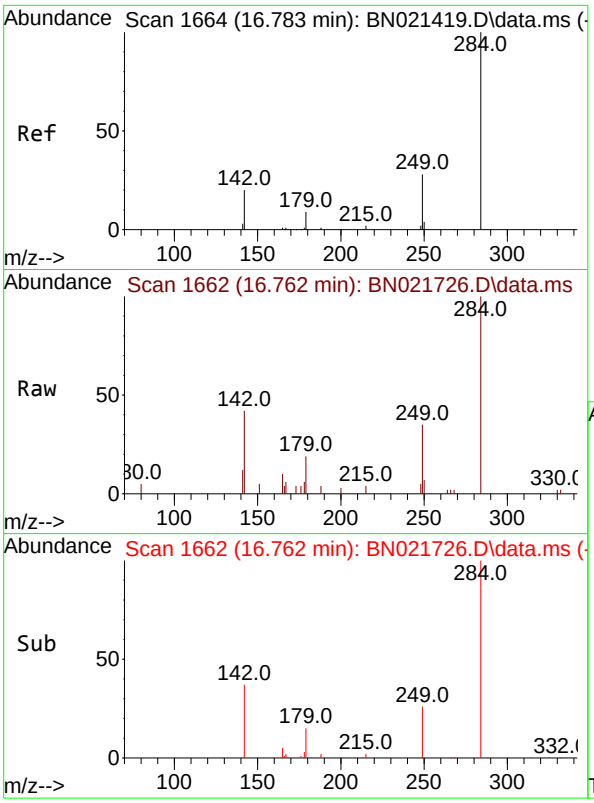


#21
4-Bromophenyl-phenylether
Concen: 0.288 ng
RT: 16.649 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:248 Resp: 3489

Ion	Ratio	Lower	Upper
248	100		
250	98.2	81.8	122.6
141	65.1	38.5	57.7#



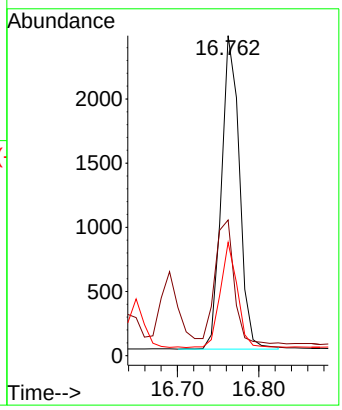


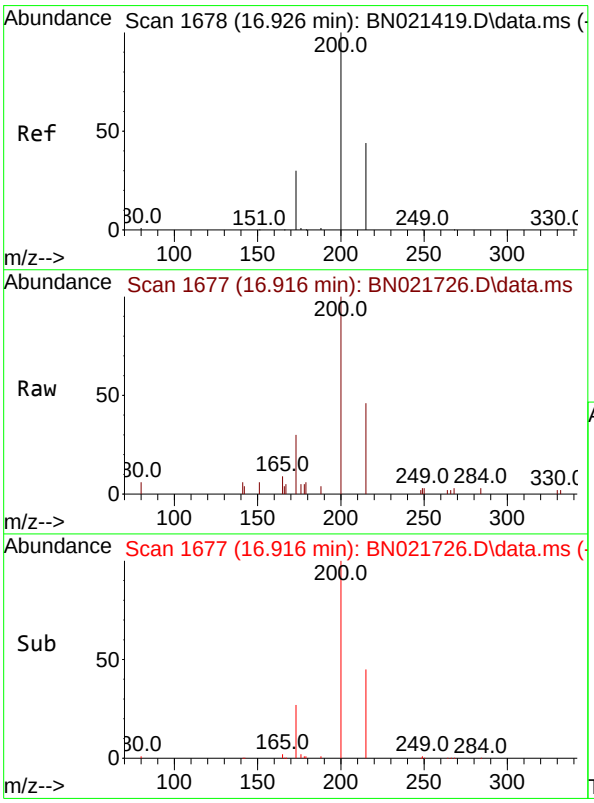
#22
Hexachlorobenzene
Concen: 0.254 ng
RT: 16.762 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:284 Resp: 3752

Ion	Ratio	Lower	Upper
284	100		
142	40.8	32.3	48.5
249	31.8	25.4	38.2

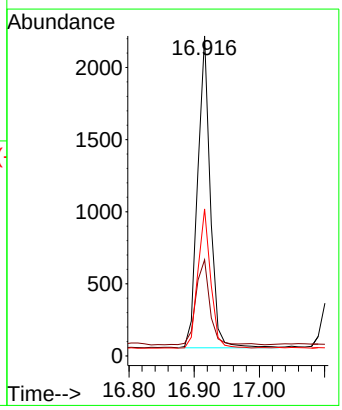


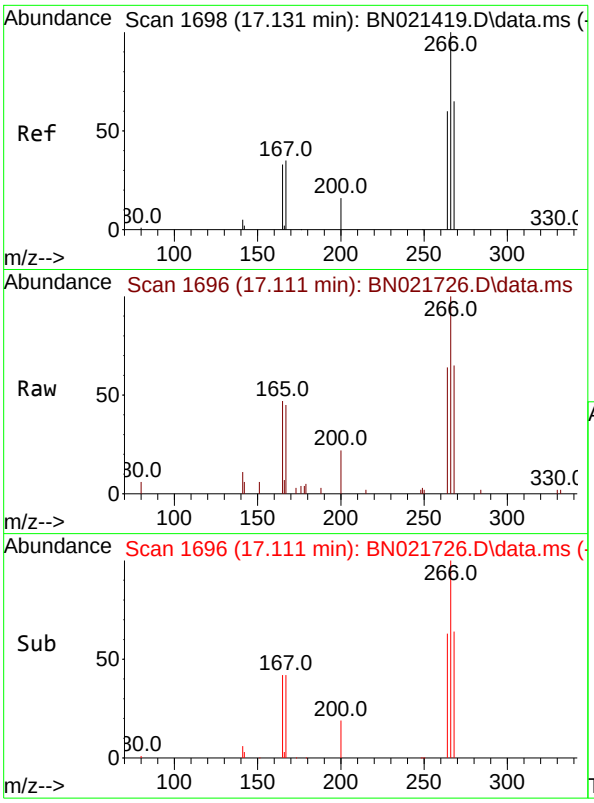


#23
Atrazine
Concen: 0.411 ng
RT: 16.916 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:200 Resp: 2905

Ion	Ratio	Lower	Upper
200	100		
173	30.0	24.3	36.5
215	45.9	38.4	57.6



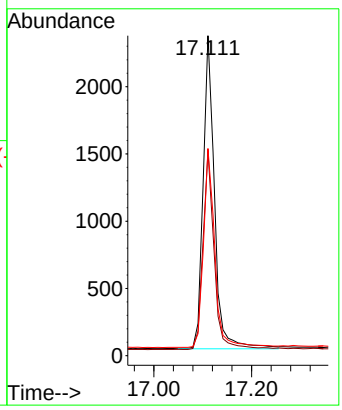


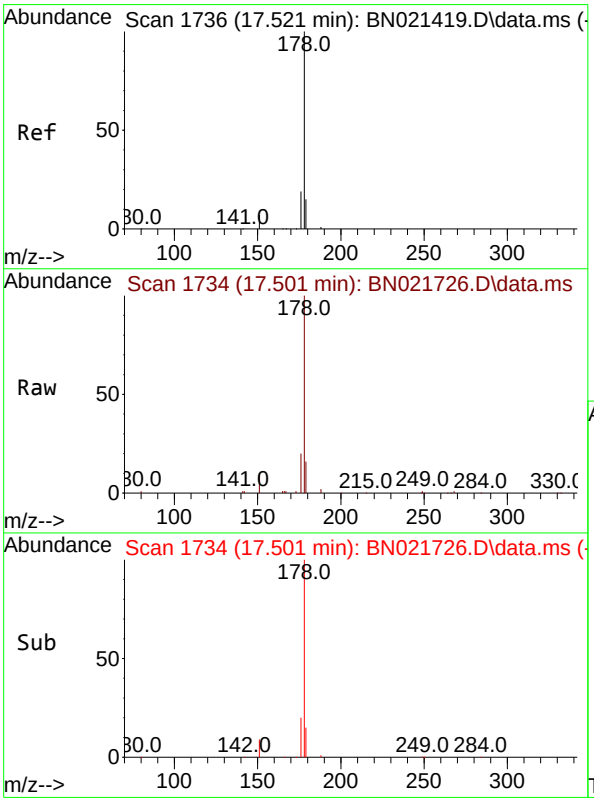
#24
Pentachlorophenol
Concen: 1.050 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:266 Resp: 3764

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.0	73.6
268	63.5	50.9	76.3

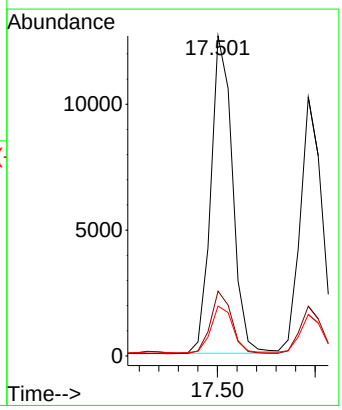


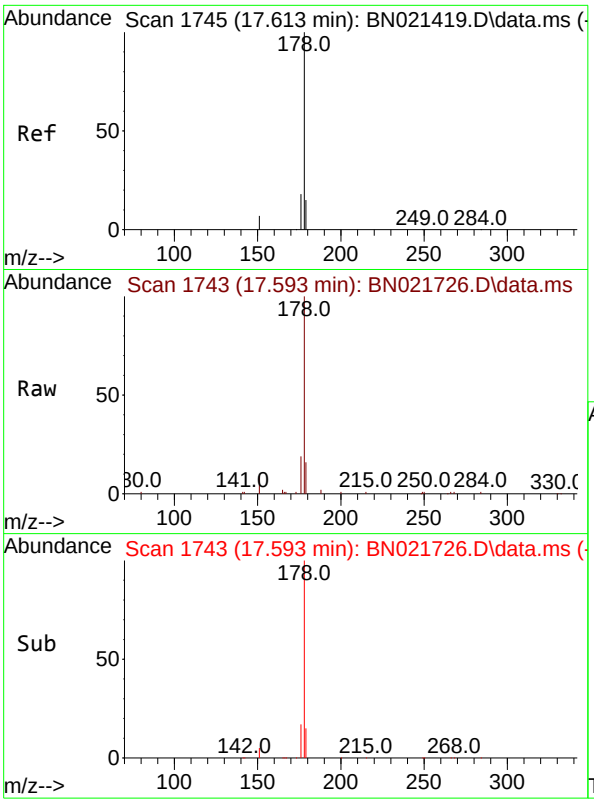


#25
Phenanthrene
Concen: 0.290 ng
RT: 17.501 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:178 Resp: 19372

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.0	12.2	18.4



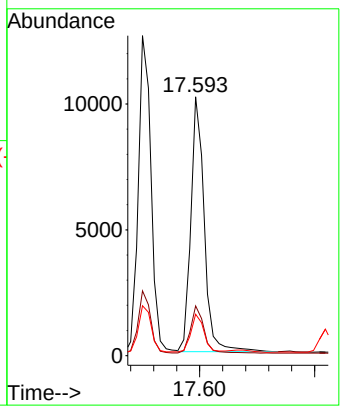


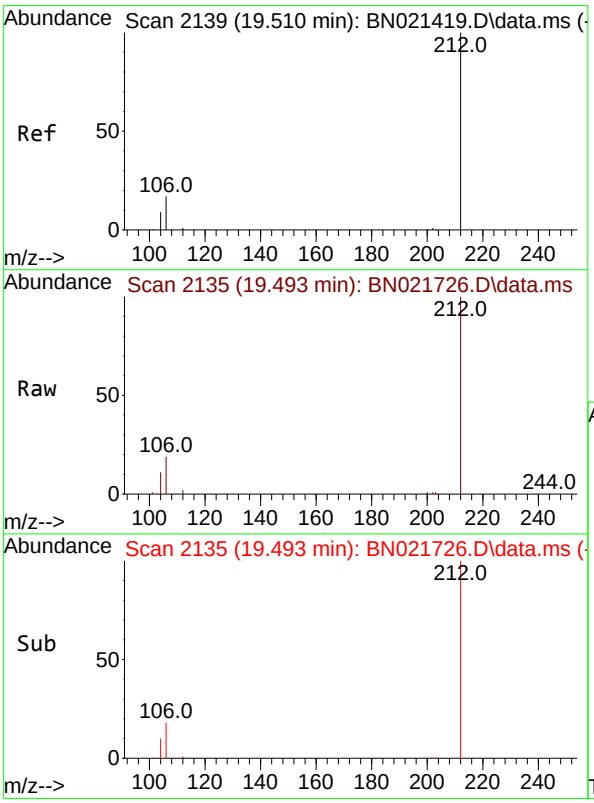
#26
Anthracene
Concen: 0.308 ng
RT: 17.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:178 Resp: 16336

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.4	12.2	18.2

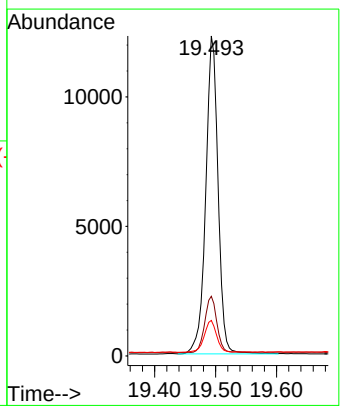


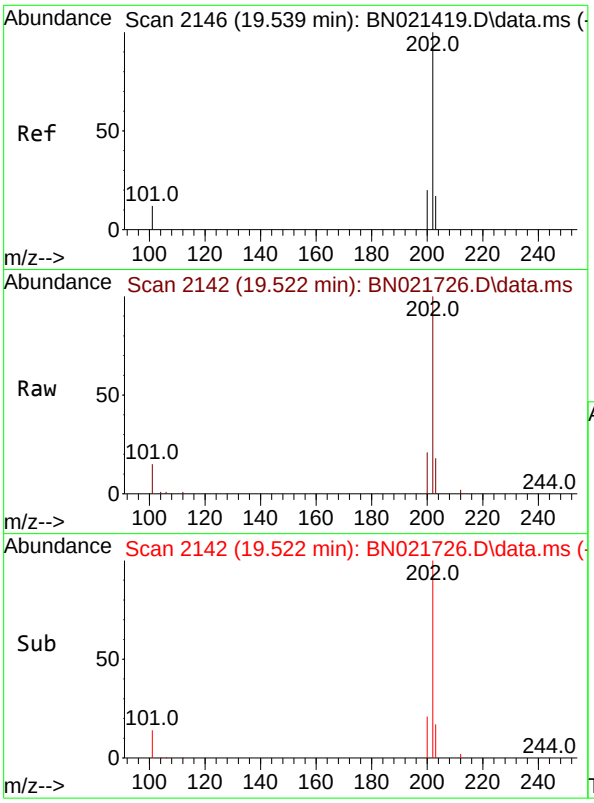


#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.493 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:212 Resp: 17297

Ion	Ratio	Lower	Upper
212	100		
106	17.4	14.2	21.2
104	10.2	7.8	11.6



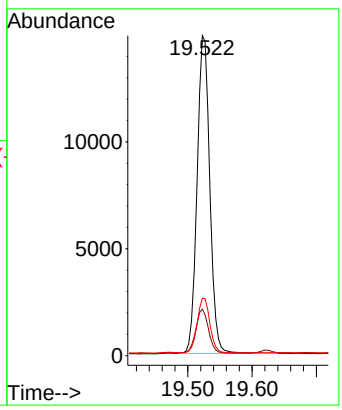


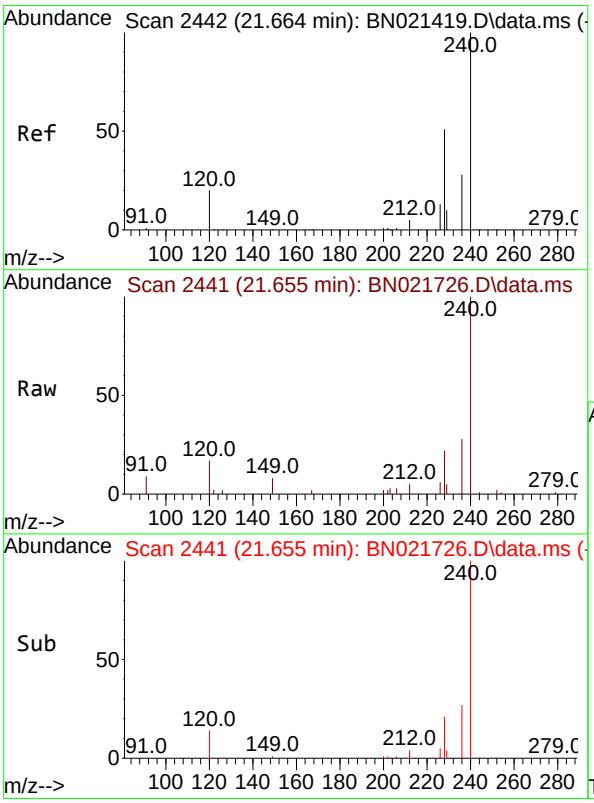
#28
Fluoranthene
Concen: 0.294 ng
RT: 19.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:202 Resp: 20412

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
203	17.2	13.8	20.6

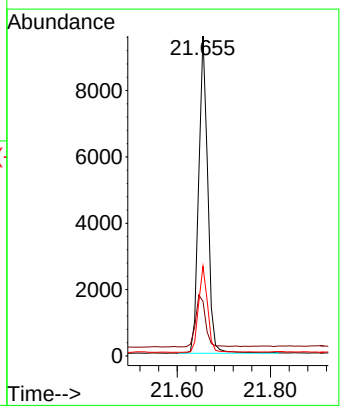


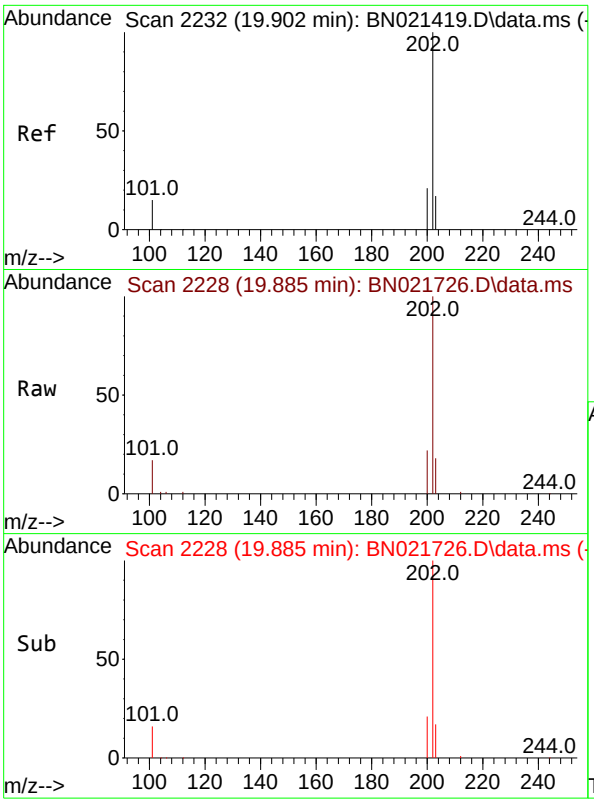


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:240 Resp: 12908

Ion	Ratio	Lower	Upper
240	100		
120	17.1	10.2	15.4#
236	28.1	22.1	33.1



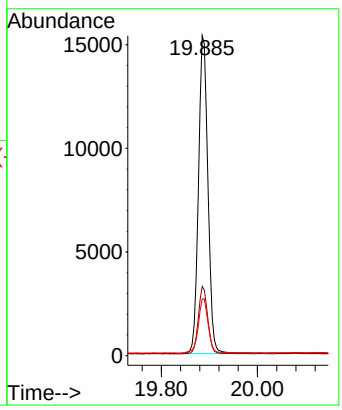


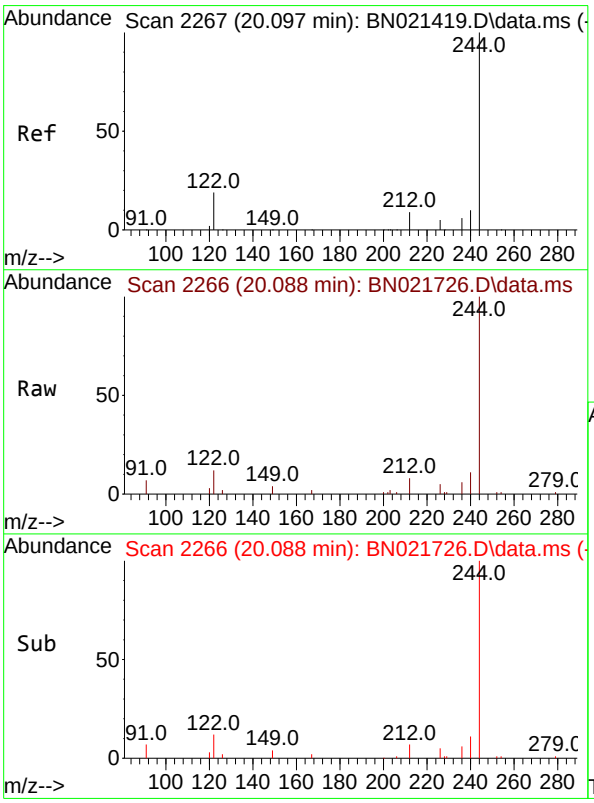
#30
Pyrene
Concen: 0.335 ng
RT: 19.885 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:202 Resp: 23033

Ion	Ratio	Lower	Upper
202	100		
200	19.1	13.9	20.9
203	16.1	11.9	17.9

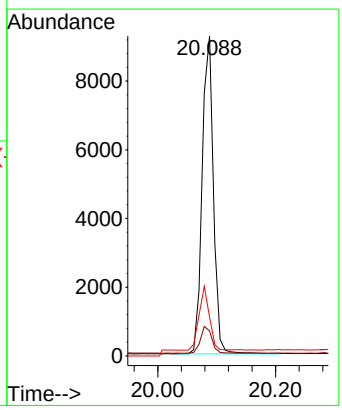


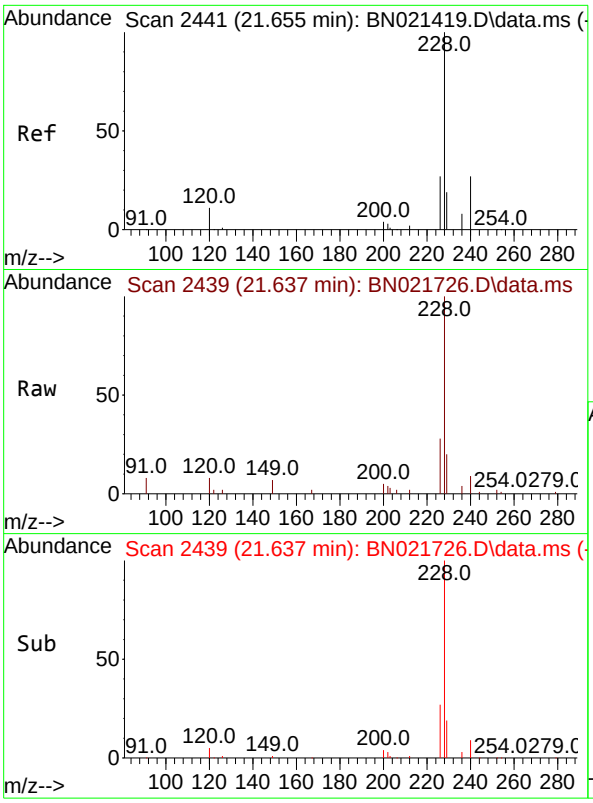


#31
Terphenyl-d14
Concen: 0.422 ng
RT: 20.088 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:244 Resp: 12253

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.1	9.1	13.7



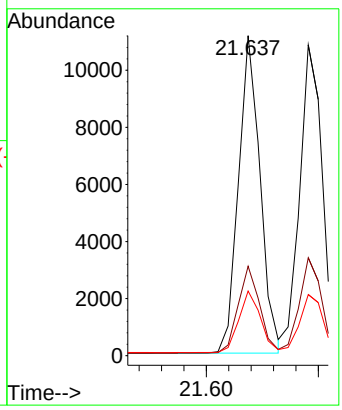


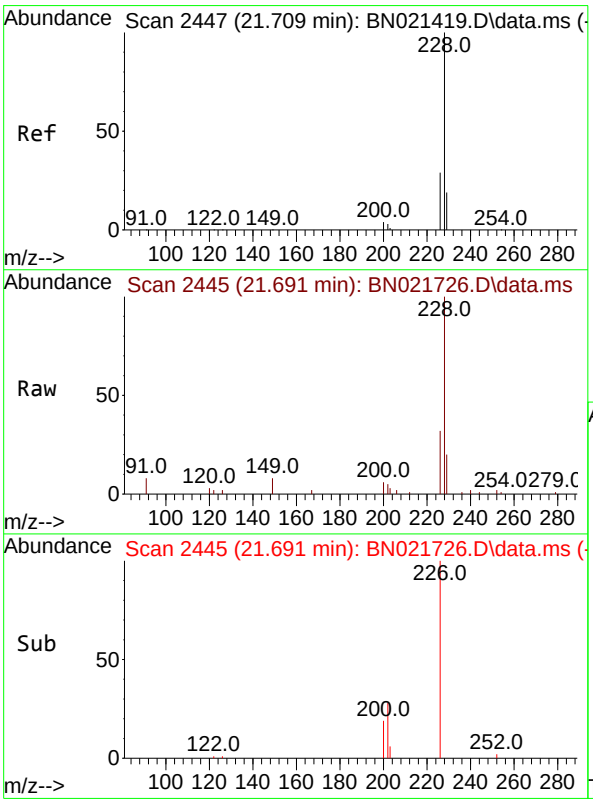
#32
Benzo(a)anthracene
Concen: 0.333 ng
RT: 21.637 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:228 Resp: 14951

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.2	15.9	23.9

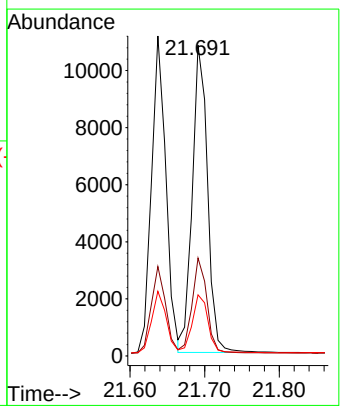


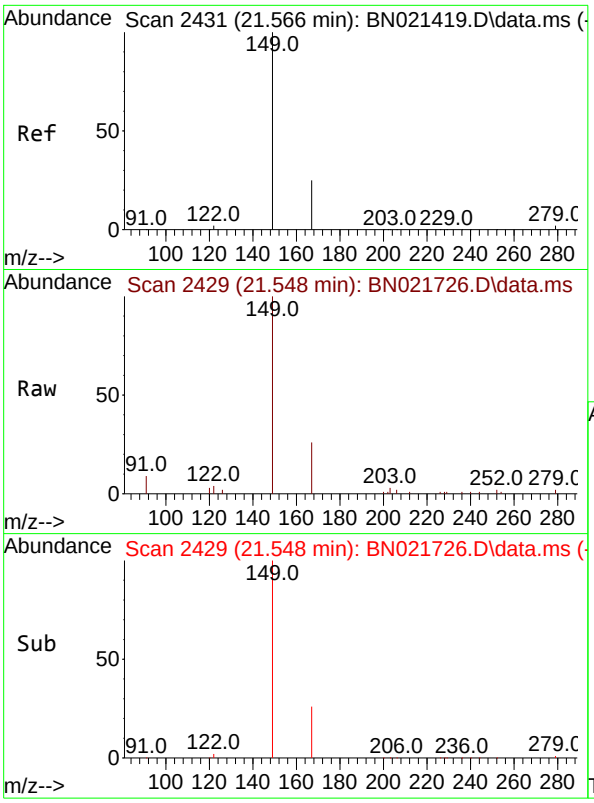


#33
Chrysene
Concen: 0.286 ng
RT: 21.691 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:228 Resp: 15318

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.2	36.2
229	19.7	15.9	23.9



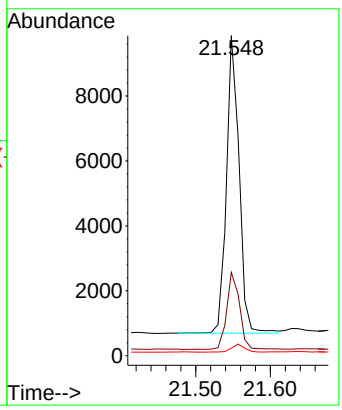


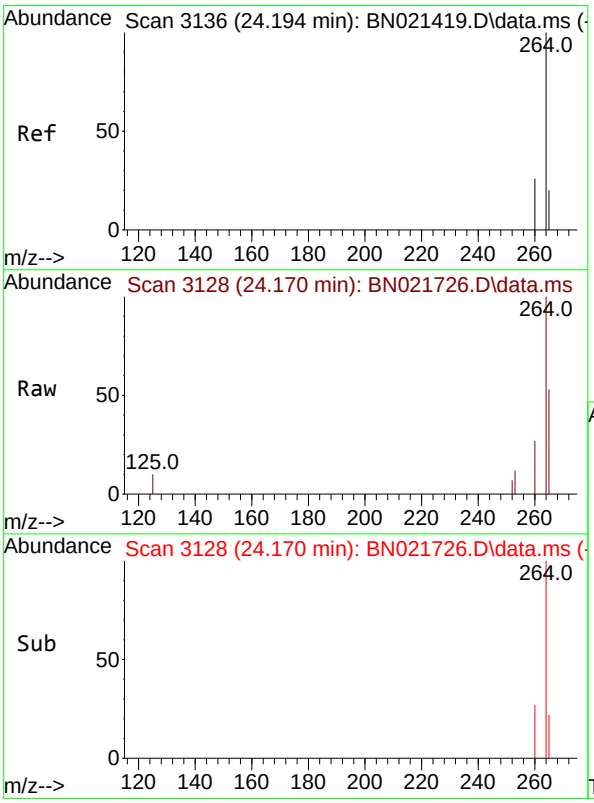
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.597 ng
RT: 21.548 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:149 Resp: 10815

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	2.7	2.2	3.2

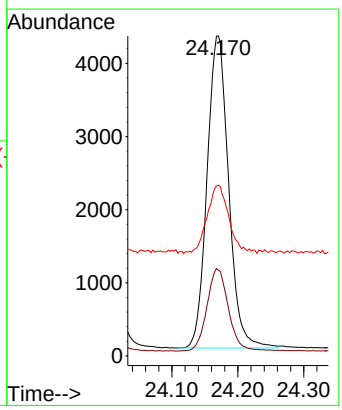


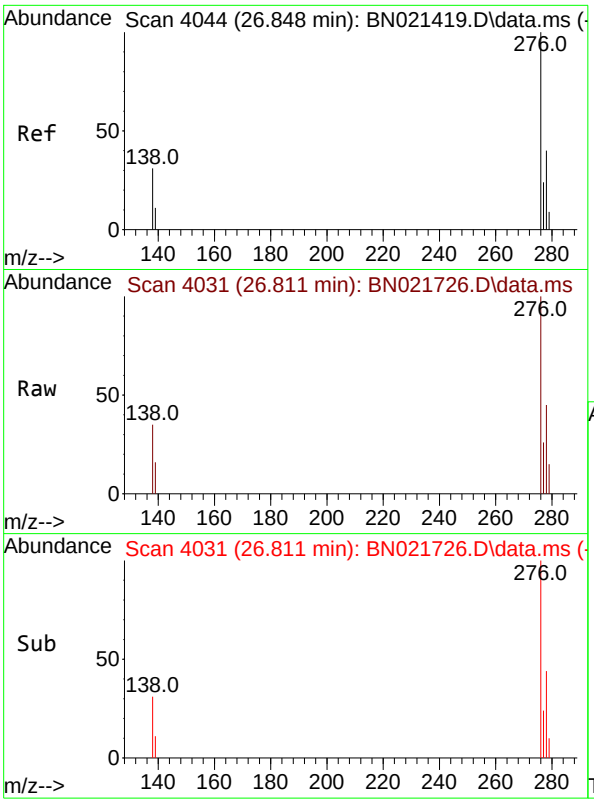


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.170 min Scan# 3128
Delta R.T. 0.003 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:264 Resp: 9695

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.6
265	53.4	32.2	48.2#



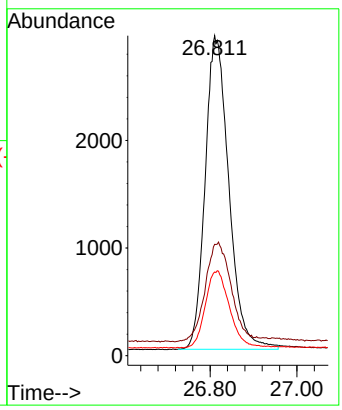


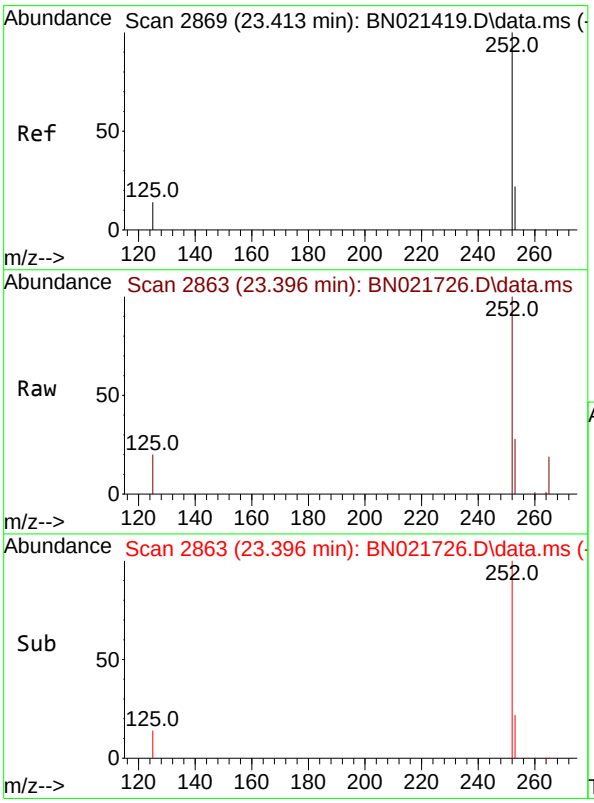
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng
RT: 26.811 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:276 Resp: 11052

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	24.8	19.9	29.9

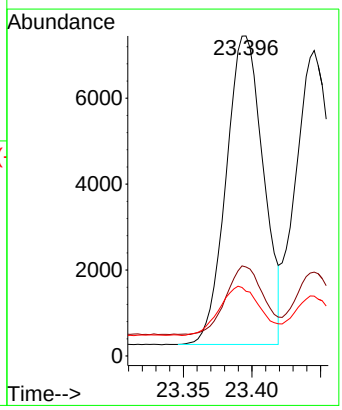


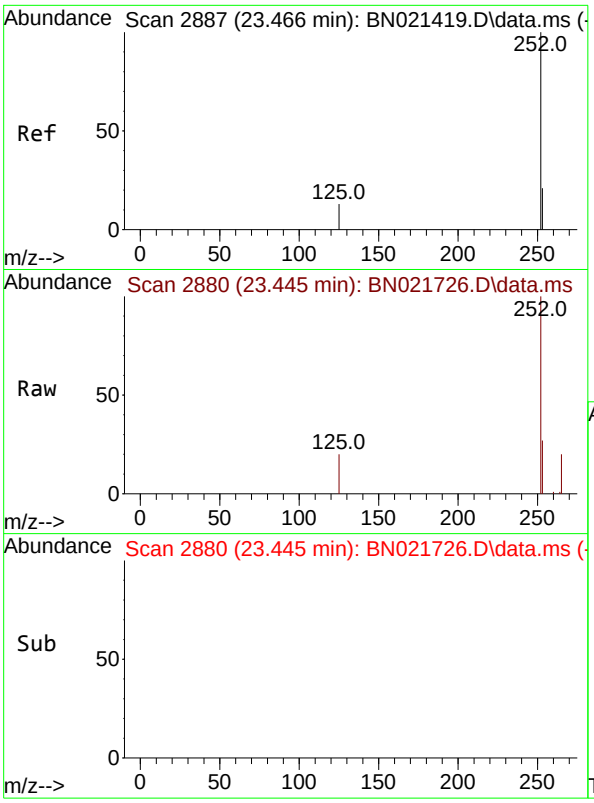


#37
Benzo(b)fluoranthene
Concen: 0.283 ng
RT: 23.396 min Scan# 2863
Delta R.T. 0.003 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:252 Resp: 13533

Ion	Ratio	Lower	Upper
252	100		
253	27.8	19.8	29.6
125	20.2	13.7	20.5



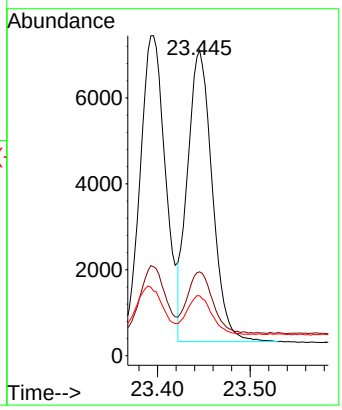


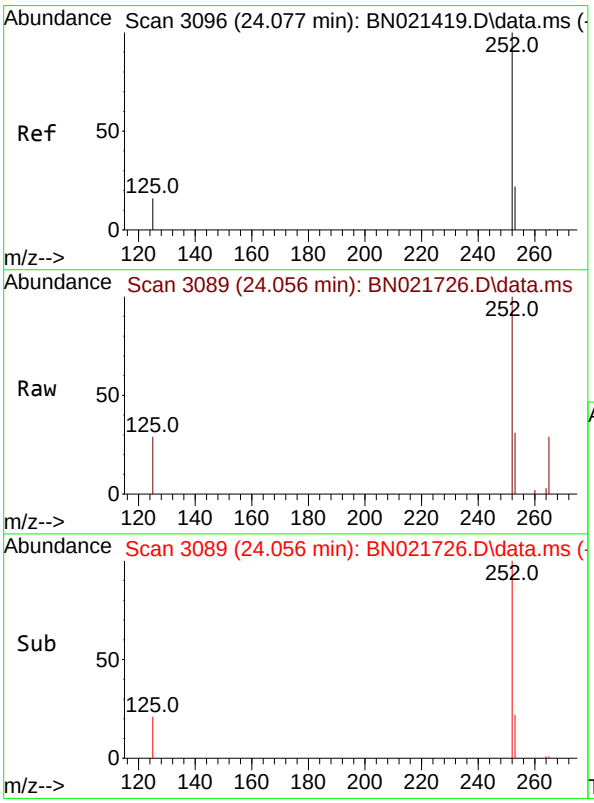
#38
Benzo(k)fluoranthene
Concen: 0.262 ng
RT: 23.445 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:252 Resp: 12605

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.5	29.3
125	19.6	12.3	18.5#

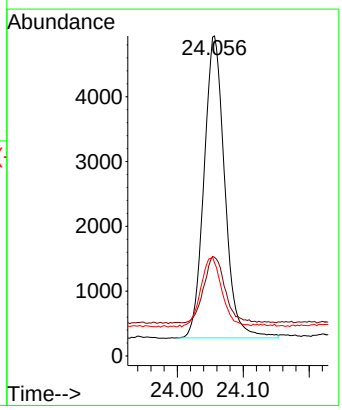


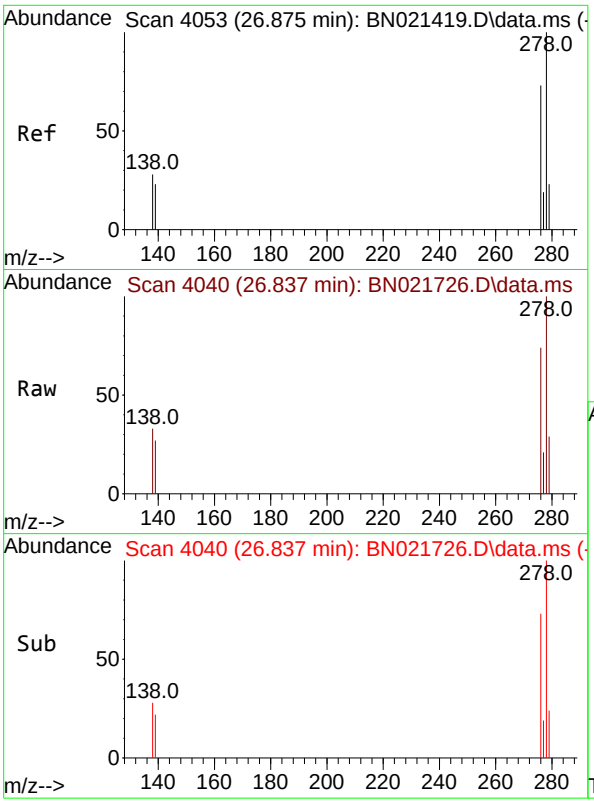


#39
Benzo(a)pyrene
Concen: 0.305 ng
RT: 24.056 min Scan# 3089
Delta R.T. 0.003 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:252 Resp: 10157

Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.1	31.7
125	29.1	16.6	25.0#



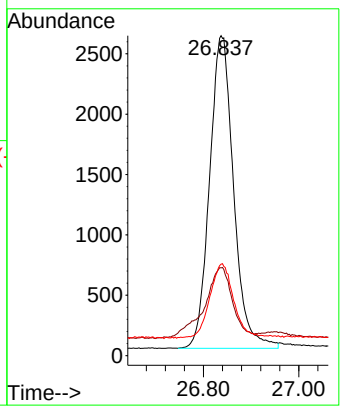


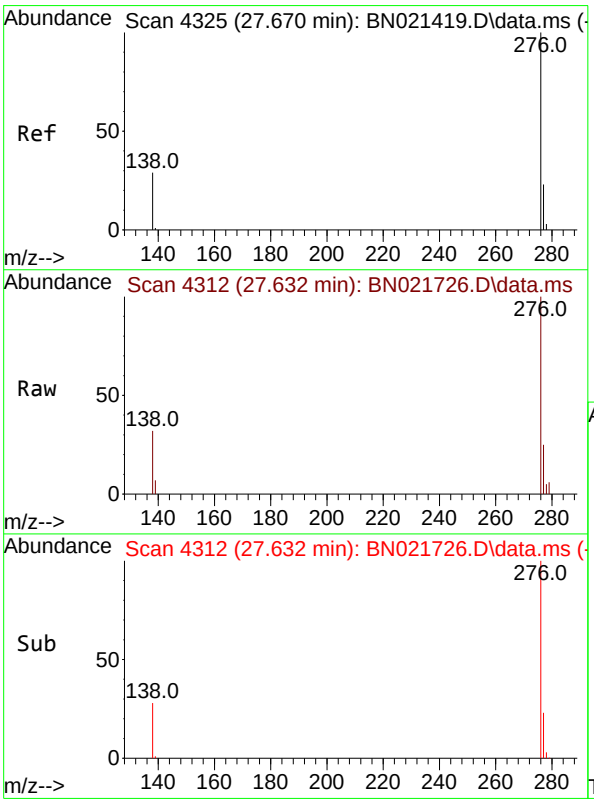
#40
Dibenzo(a,h)anthracene
Concen: 0.257 ng
RT: 26.837 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Instrument :
BNA_N
ClientSampleId :
MW-09-1.5-11.5-083122MS

Tgt Ion:278 Resp: 9069

Ion	Ratio	Lower	Upper
278	100		
139	27.4	21.8	32.6
279	28.6	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.254 ng
RT: 27.632 min Scan# 4312
Delta R.T. 0.003 min
Lab File: BN021726.D
Acq: 13 Sep 2022 14:26

Tgt Ion:276 Resp: 9817

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.7	29.5
138	31.8	23.7	35.5