Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019121.D
Acq On : 24 Mar 2022 11:07
Operator : CG/JU
Sample : N2074-21MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 24 14:32:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	3809	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	9904	0.400	ng		# 0.00
13) Acenaphthene-d10	14.485	164	5543	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	11007	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	8633	0.400	ng		# 0.00
35) Perylene-d12	23.785	264	7057	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	767	0.090	ng		0.00
5) Phenol-d6	7.024	99	442	0.049	ng		0.01
8) Nitrobenzene-d5	9.014	82	1395	0.195	ng		0.00
11) 2-Methylnaphthalene-d10	12.250	152	4440	0.270	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	434	0.162	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	5526	0.249	ng		-0.01
27) Fluoranthene-d10	19.261	212	11375	0.348	ng		0.00
31) Terphenyl-d14	19.860	244	7436	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	14363	3.051	ng	#	91
3) n-Nitrosodimethylamine	3.579	42	543	0.099	ng	#	98
6) bis(2-Chloroethyl)ether	7.269	93	2734	0.257	ng		92
9) Naphthalene	10.701	128	7832	0.278	ng		97
10) Hexachlorobutadiene	11.000	225	1697	0.246	ng	#	99
12) 2-Methylnaphthalene	12.321	142	4633	0.242	ng		99
16) Acenaphthylene	14.207	152	6504	0.253	ng		100
17) Acenaphthene	14.549	154	4691	0.260	ng		97
18) Fluorene	15.532	166	5839	0.257	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	223	0.217	ng	#	17
21) 4-Bromophenyl-phenylether	16.426	248	1762	0.254	ng	#	93
22) Hexachlorobenzene	16.549	284	2653	0.297	ng		100
23) Atrazine	16.682	200	1422	0.274	ng		94
24) Pentachlorophenol	16.887	266	631	0.230	ng		100
25) Phenanthrene	17.267	178	9657	0.281	ng		100
26) Anthracene	17.369	178	7241	0.249	ng		99
28) Fluoranthene	19.291	202	14442	0.358	ng		99
30) Pyrene	19.653	202	15089	0.351	ng		99
32) Benzo(a)anthracene	21.404	228	8912	0.335	ng		99
33) Chrysene	21.449	228	13108	0.365	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	6069	0.344	ng		100
36) Indeno(1,2,3-cd)pyrene	26.243	276	7895	0.310	ng		99
37) Benzo(b)fluoranthene	23.065	252	9578	0.372	ng		95
38) Benzo(k)fluoranthene	23.112	252	12809	0.363	ng		94
39) Benzo(a)pyrene	23.682	252	9256	0.395	ng	#	89
40) Dibenzo(a,h)anthracene	26.261	278	6024	0.304	ng	#	86
41) Benzo(g,h,i)perylene	26.986	276	9826	0.393	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
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Acq On : 24 Mar 2022 11:07
Operator : CG/JU
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Misc :
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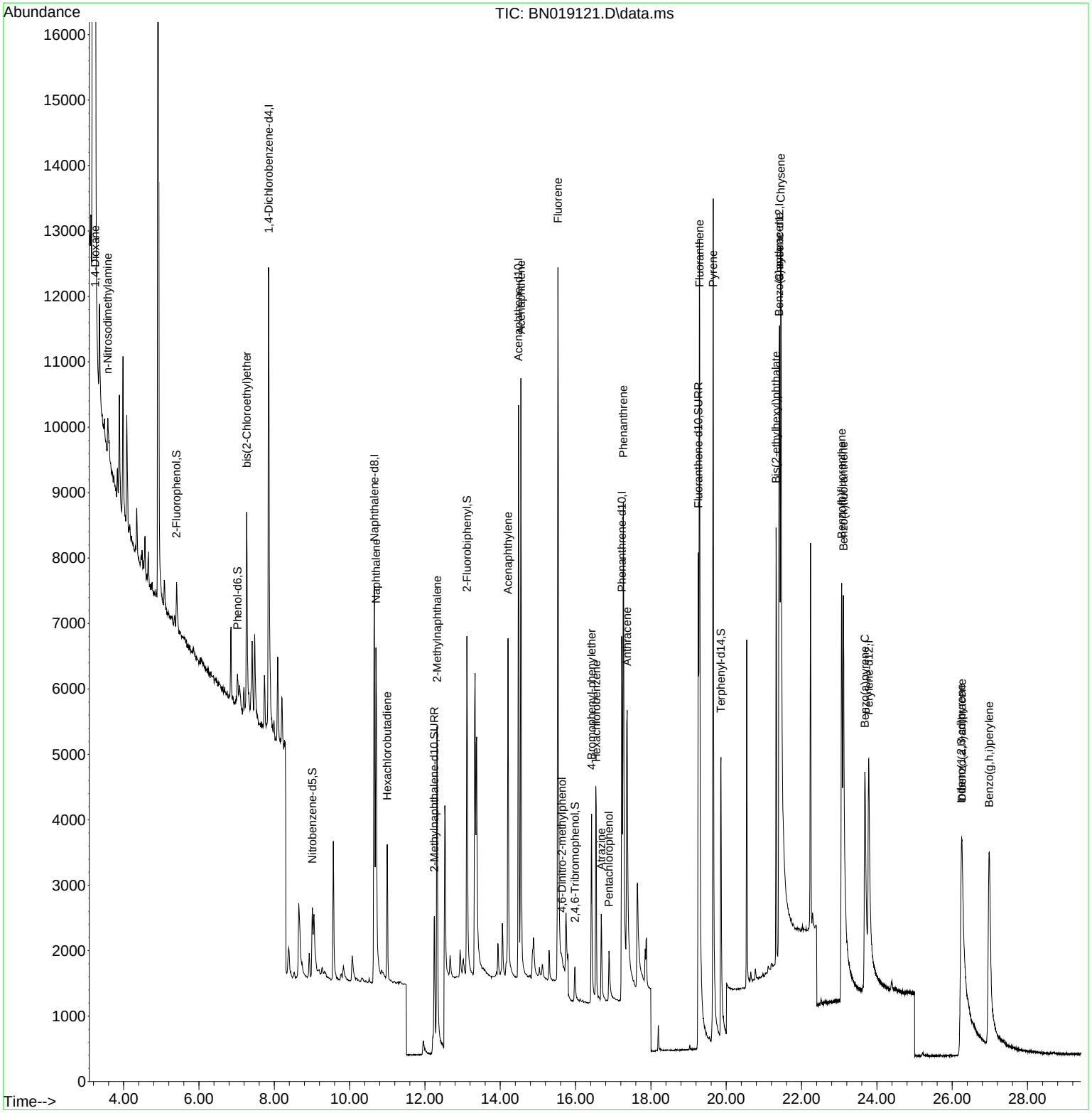
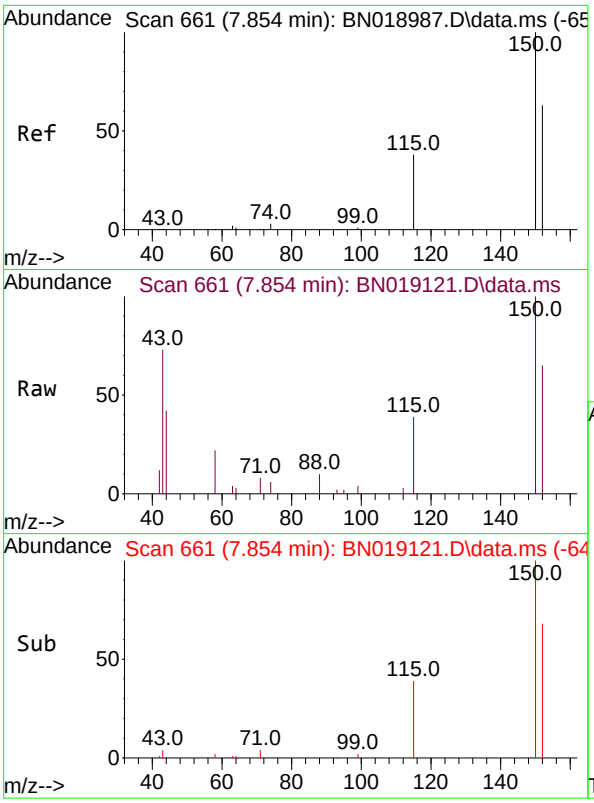
Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 24 14:32:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration



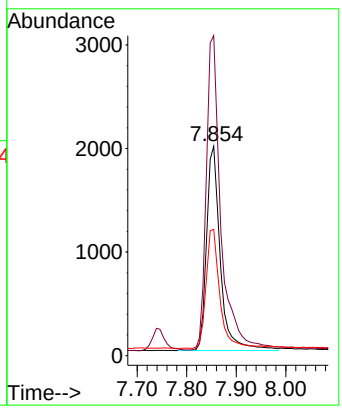


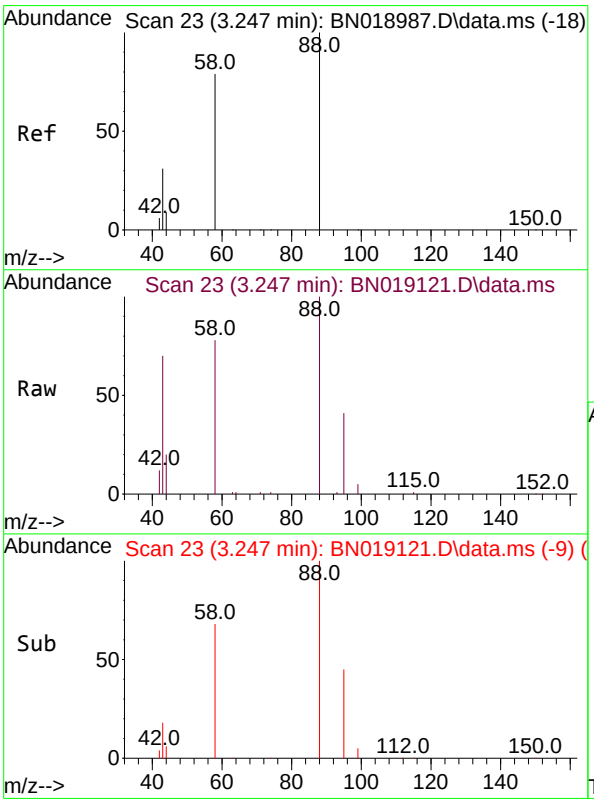
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3809

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.9	185.9
115	60.3	48.2	72.4

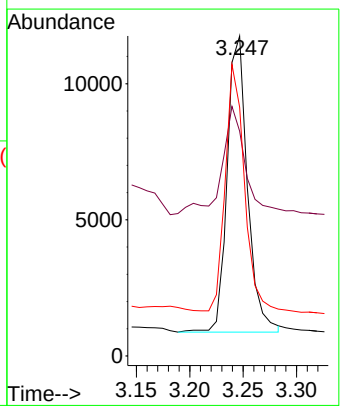


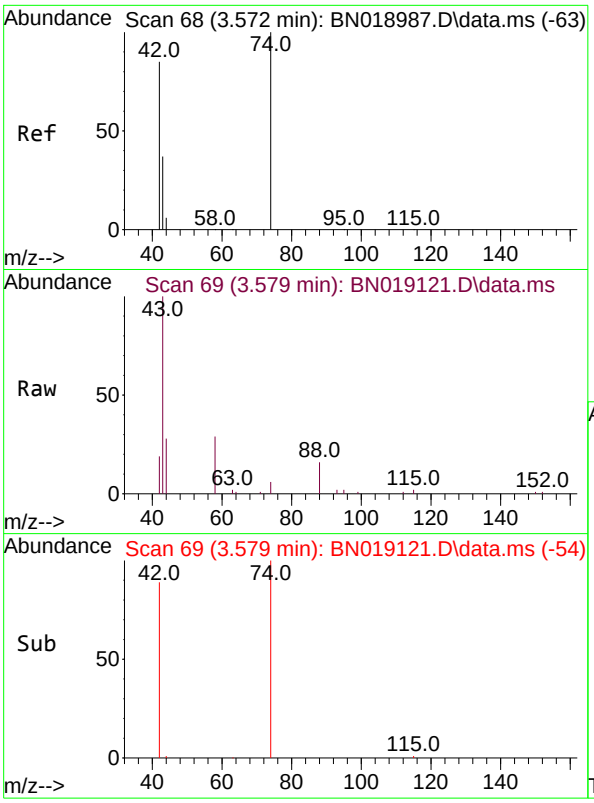


#2
1,4-Dioxane
Concen: 3.051 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion: 88 Resp: 14363

Ion	Ratio	Lower	Upper
88	100		
43	42.2	24.6	37.0#
58	77.8	65.4	98.2



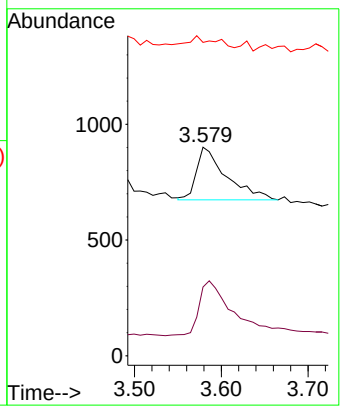


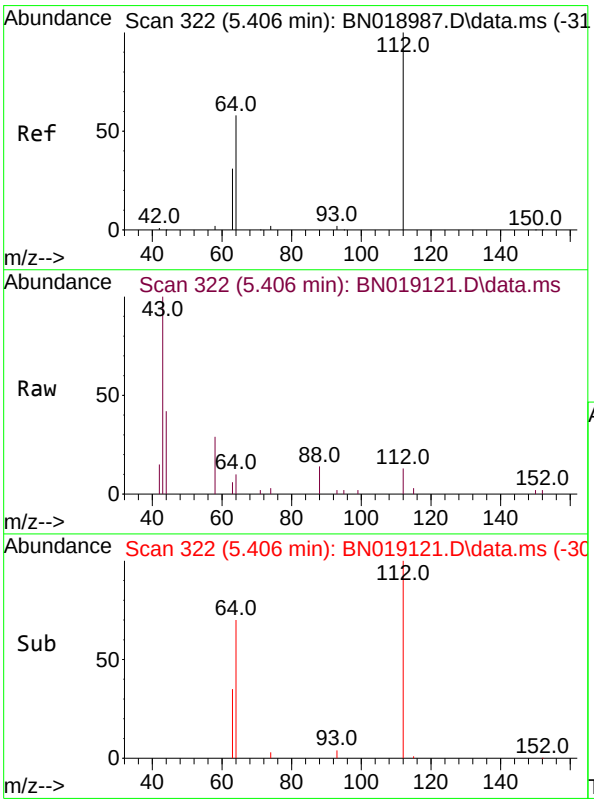
#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.579 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 543

Ion	Ratio	Lower	Upper
42	100		
74	120.6	96.9	145.3
44	17.3	7.3	10.9#

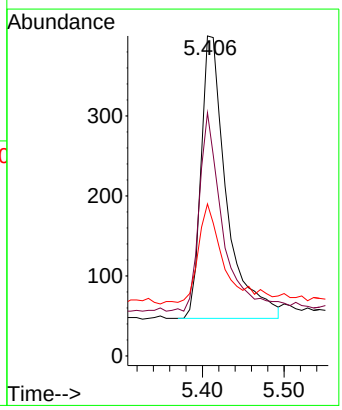


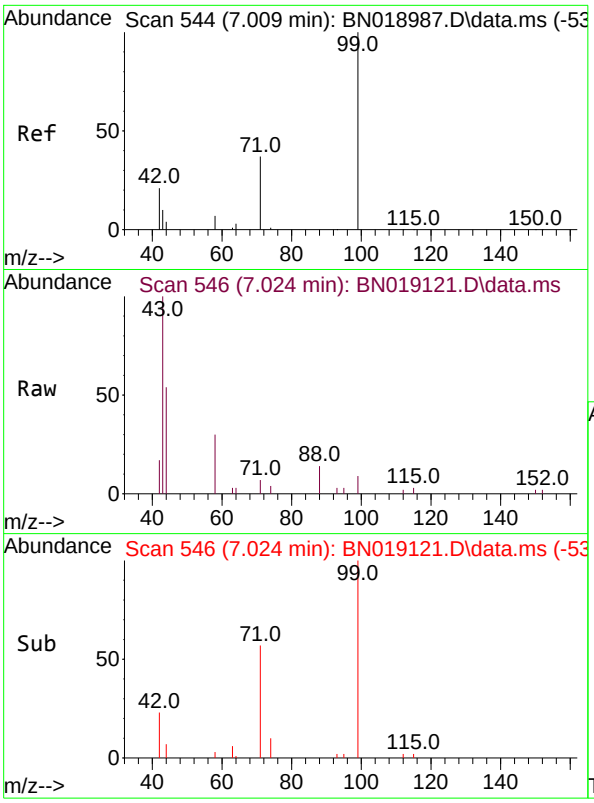


#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:112 Resp: 767

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.8	71.8
63	37.3	25.7	38.5



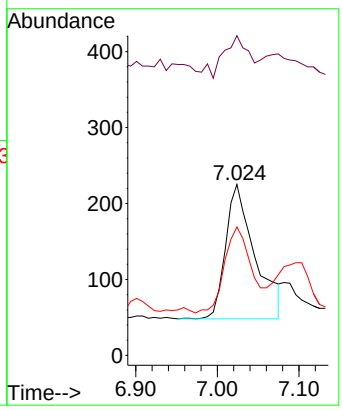


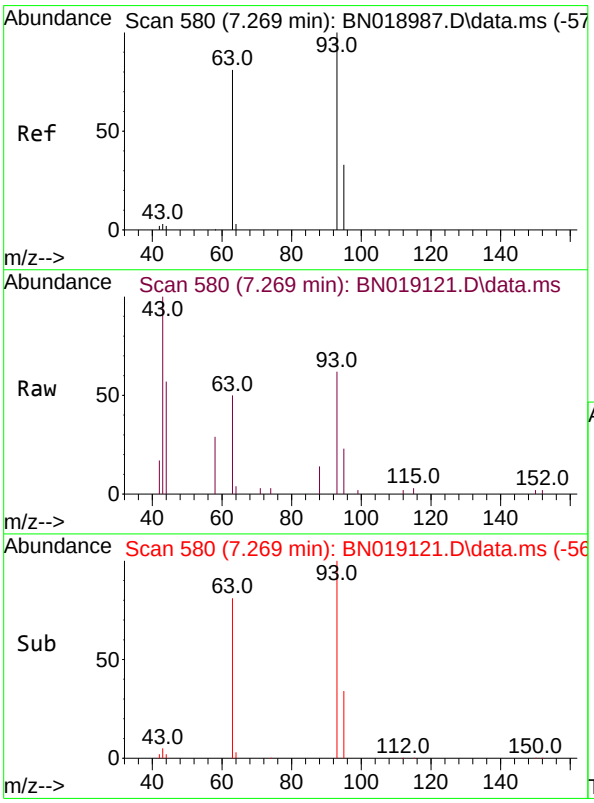
#5
Phenol-d6
Concen: 0.049 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.014 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 442

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.2	24.4
71	56.6	27.7	41.5#

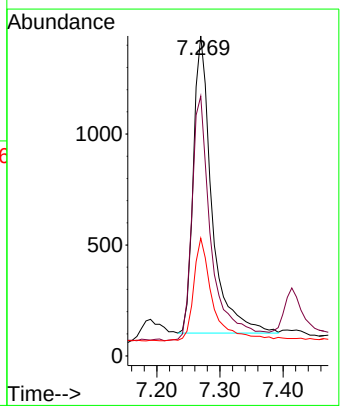


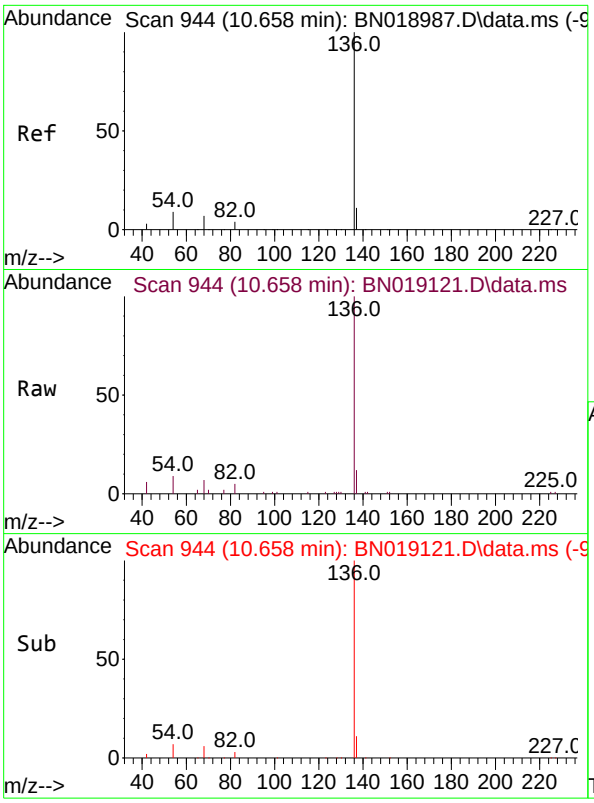


#6
bis(2-Chloroethyl)ether
Concen: 0.257 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion: 93 Resp: 2734

Ion	Ratio	Lower	Upper
93	100		
63	87.0	62.8	94.2
95	35.4	26.2	39.4



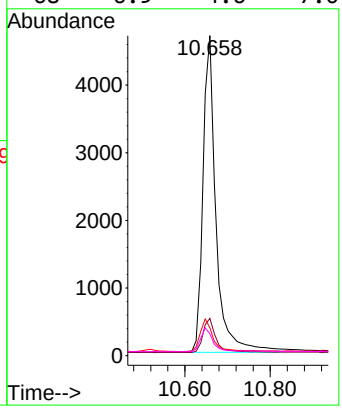


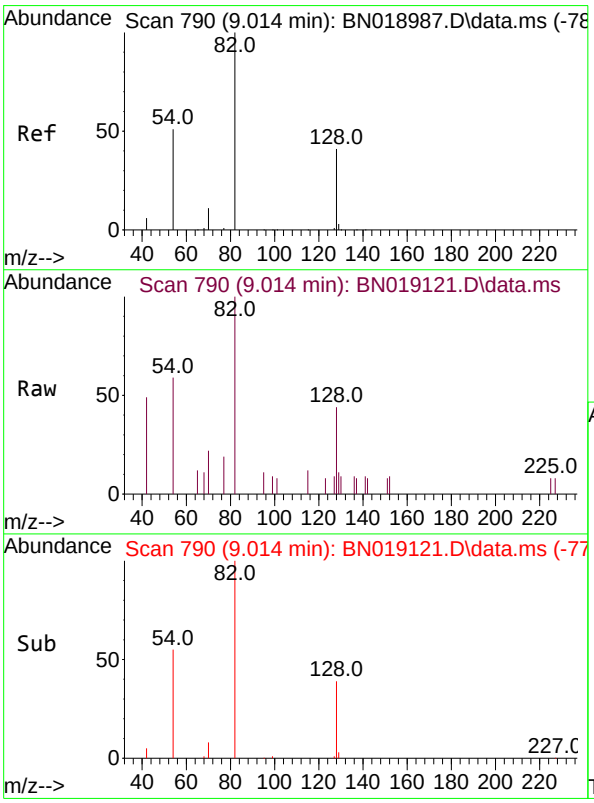
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 9904

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.7	5.8	8.6#
68	6.9	4.6	7.0

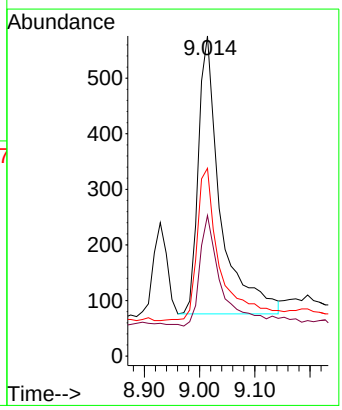


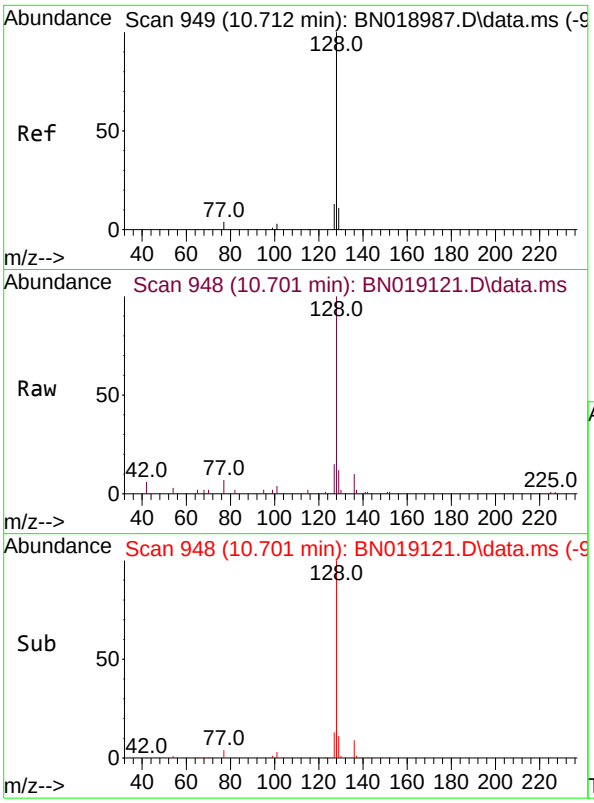


#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion: 82 Resp: 1395

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.0	49.6
54	58.7	42.5	63.7



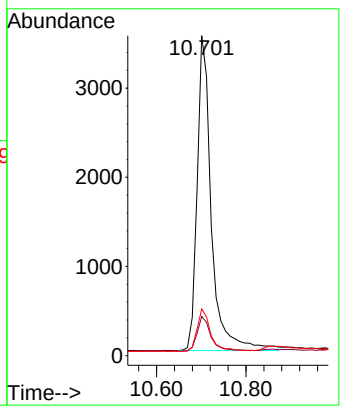


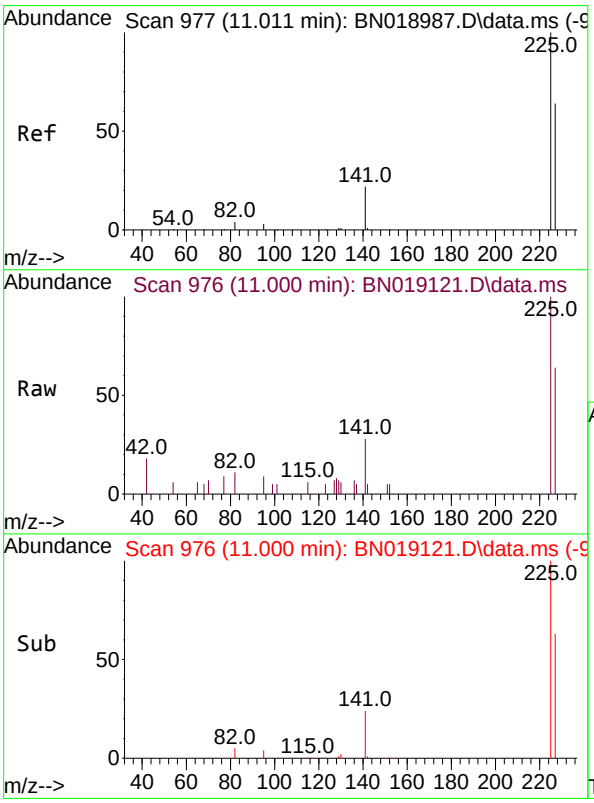
#9
Naphthalene
Concen: 0.278 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7832

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	14.6	10.7	16.1

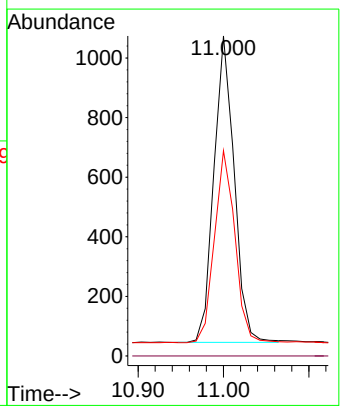


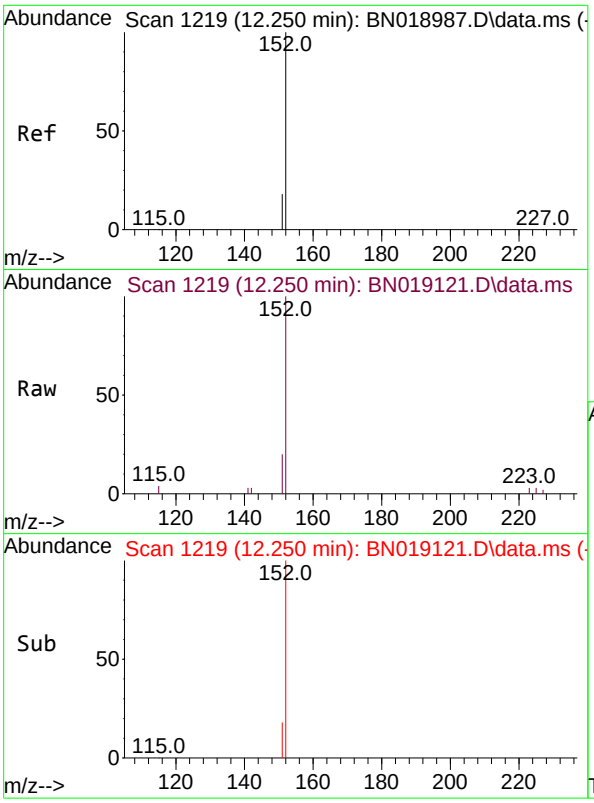


#10
Hexachlorobutadiene
Concen: 0.246 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:225 Resp: 1697

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.0	76.6



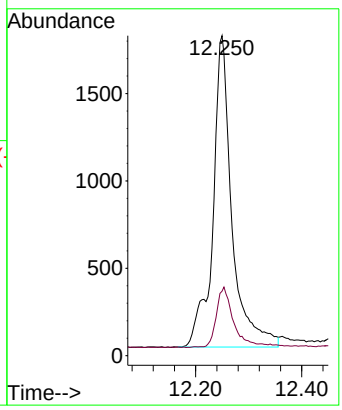


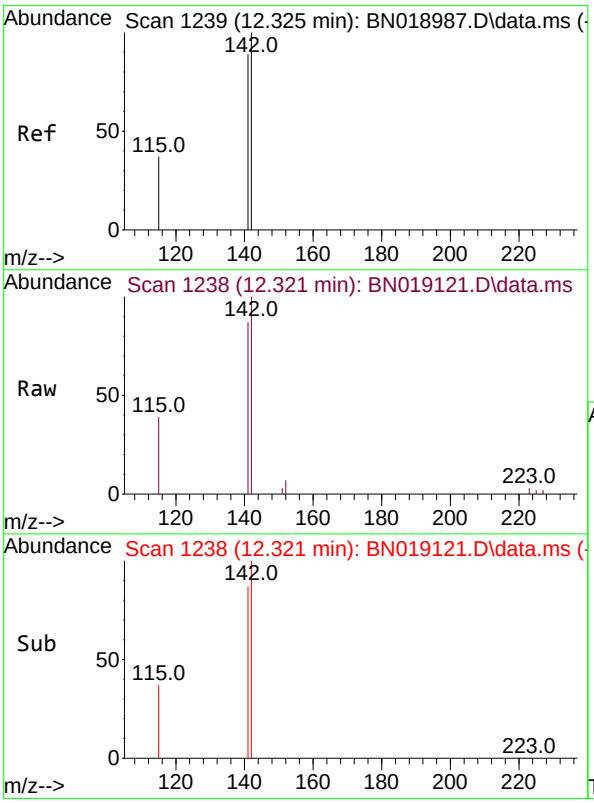
#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.250 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4440

Ion	Ratio	Lower	Upper
152	100		
151	16.8	16.5	24.7

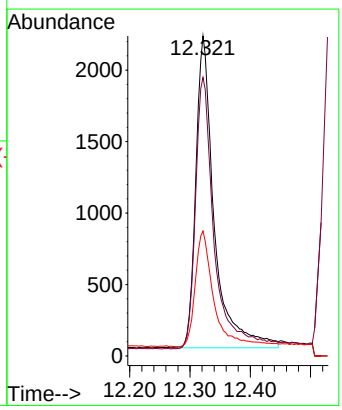


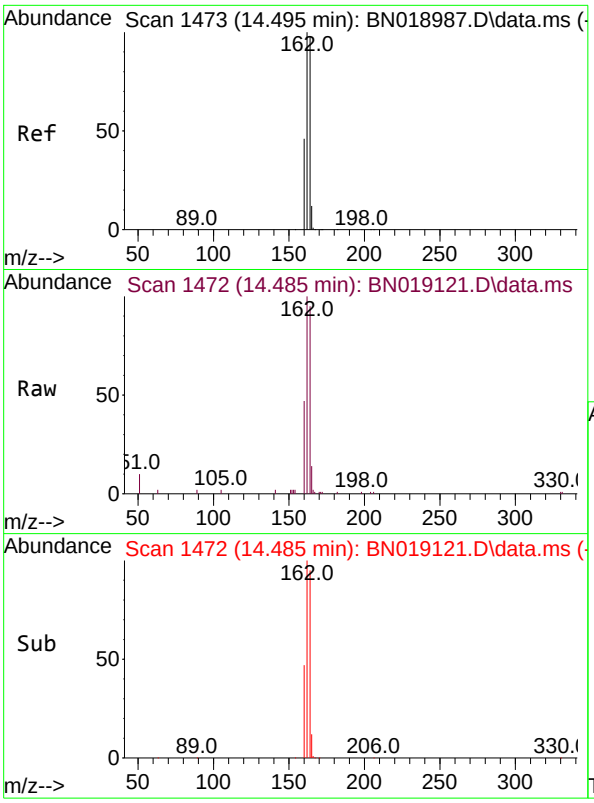


#12
2-Methylnaphthalene
Concen: 0.242 ng
RT: 12.321 min Scan# 1238
Delta R.T. -0.004 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:142 Resp: 4633

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.0	105.0
115	39.0	29.8	44.8



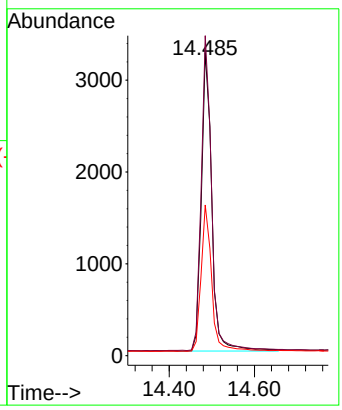


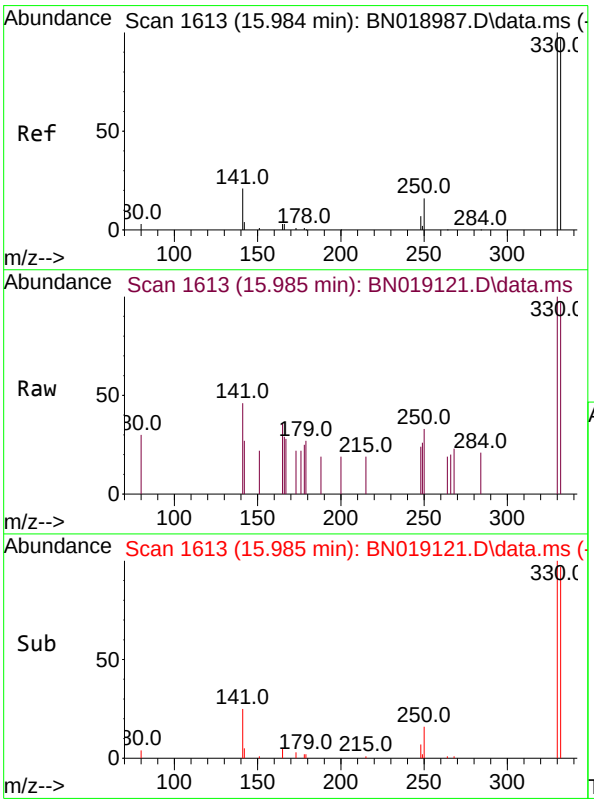
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5543

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.2	127.8
160	49.7	41.5	62.3

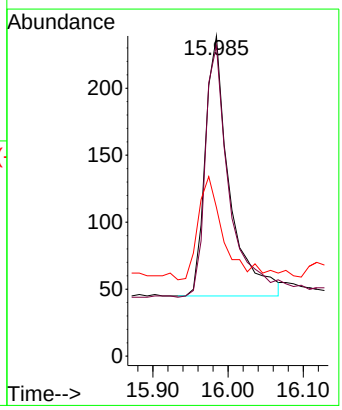


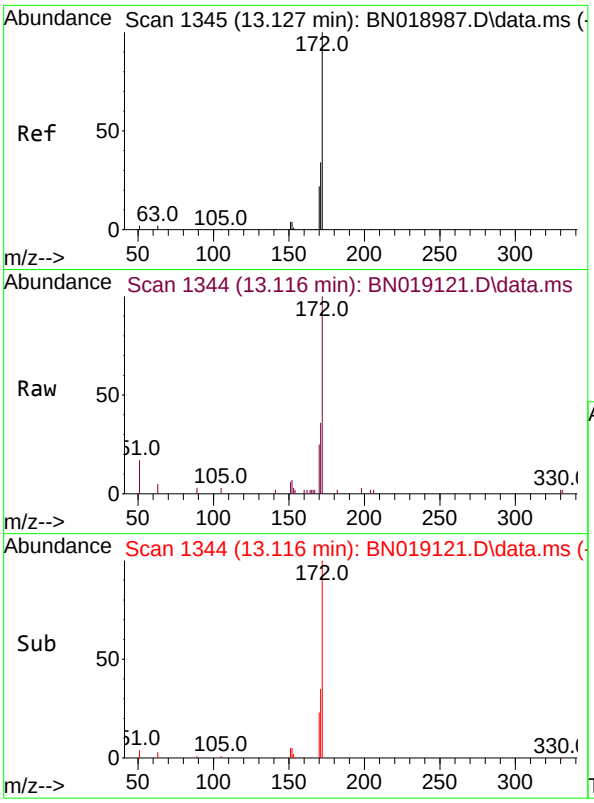


#14
2,4,6-Tribromophenol
Concen: 0.162 ng
RT: 15.985 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:330 Resp: 434

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.8	115.2
141	43.3	32.2	48.2



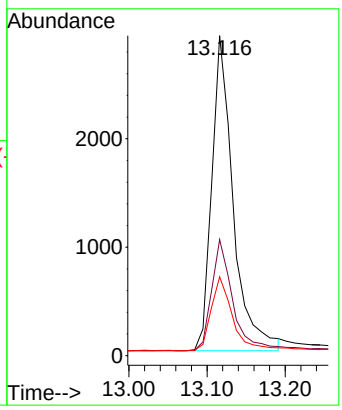


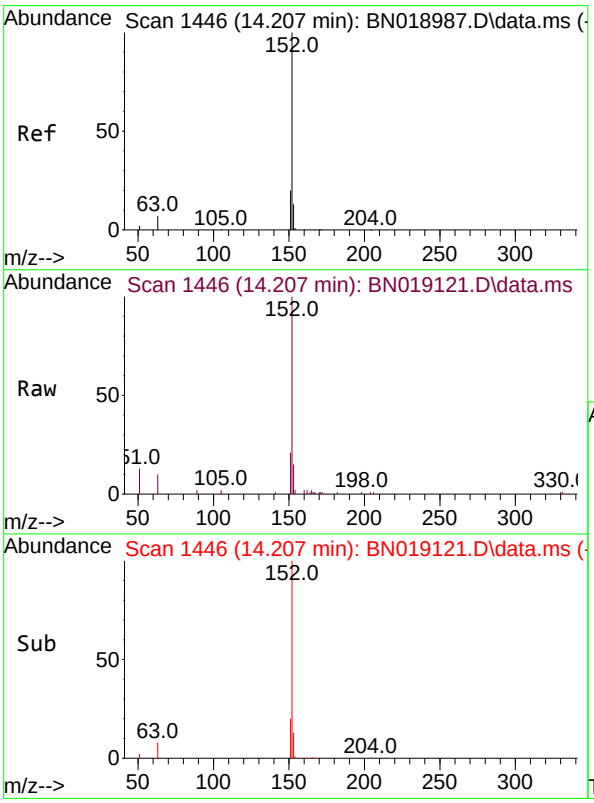
#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5526

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.6	18.7	28.1

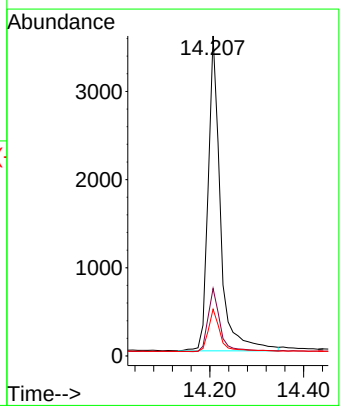


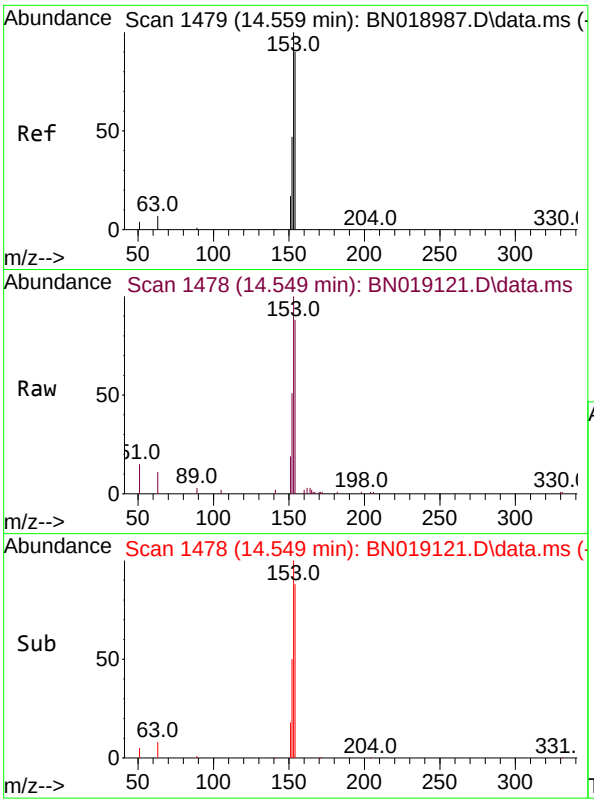


#16
Acenaphthylene
Concen: 0.253 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:152 Resp: 6504

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.0	10.6	15.8



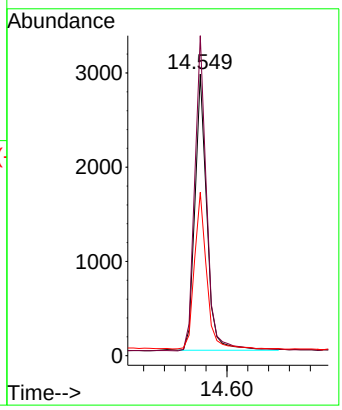


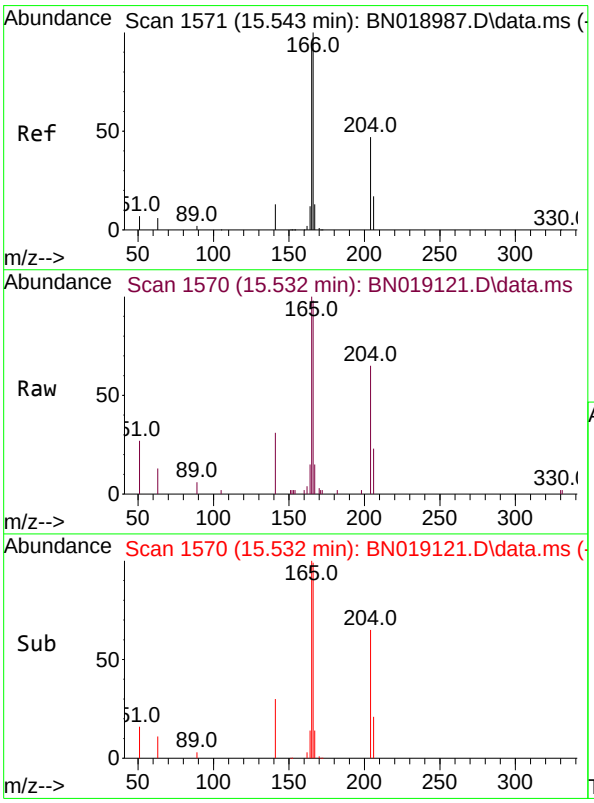
#17
Acenaphthene
Concen: 0.260 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4691

Ion	Ratio	Lower	Upper
154	100		
153	114.9	89.7	134.5
152	58.3	44.7	67.1

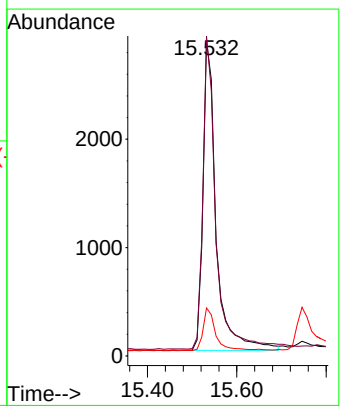


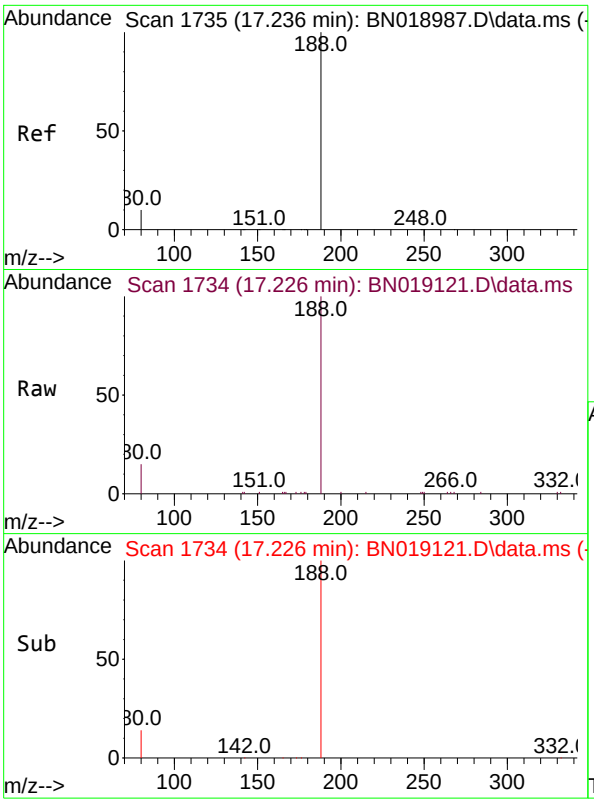


#18
Fluorene
Concen: 0.257 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:166 Resp: 5839

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.2	118.8
167	13.6	10.7	16.1



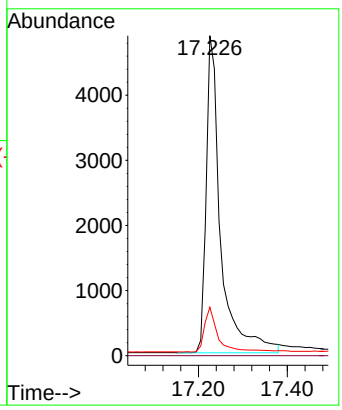


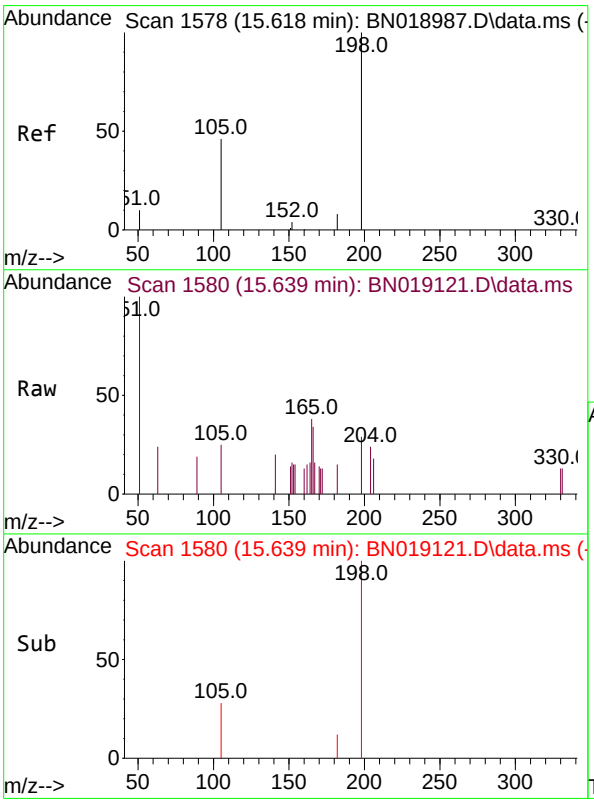
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 11007

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.2	11.8	17.8

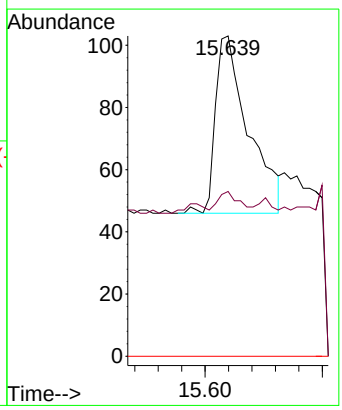


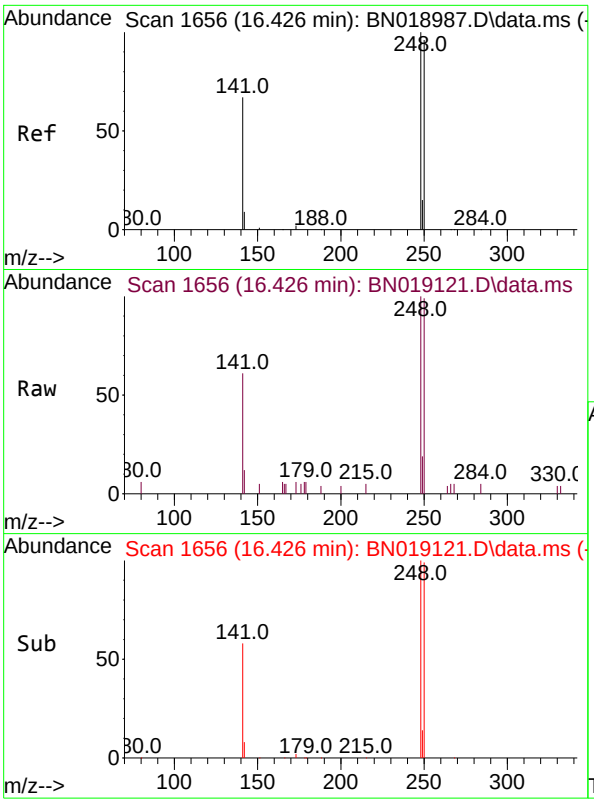


#20
4,6-Dinitro-2-methylphenol
Concen: 0.217 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.021 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:198 Resp: 223

Ion	Ratio	Lower	Upper
198	100		
182	51.5	13.0	19.4#
77	0.0	0.0	0.0



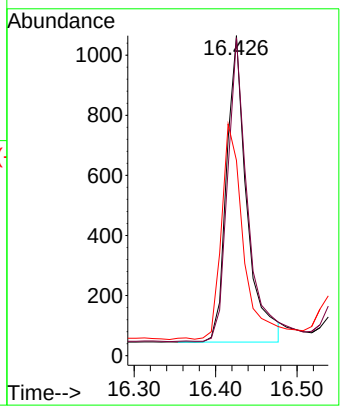


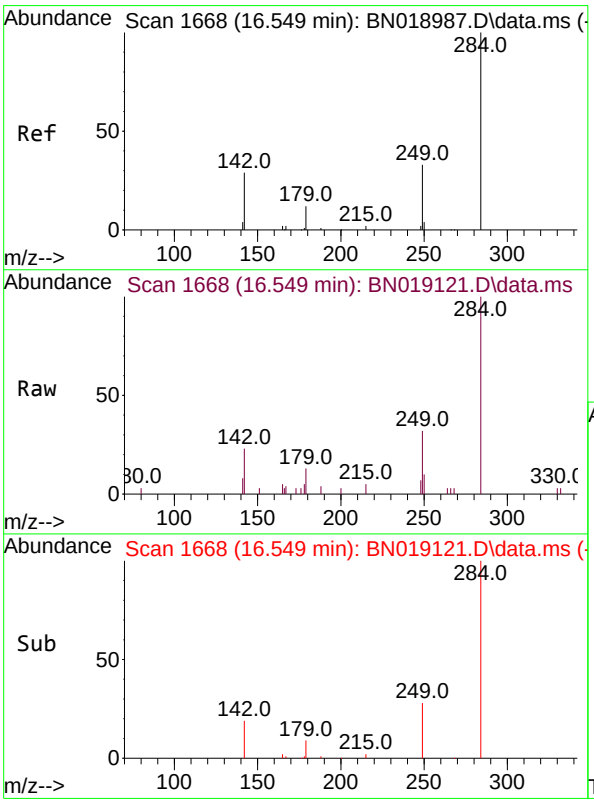
#21
4-Bromophenyl-phenylether
Concen: 0.254 ng
RT: 16.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1762

Ion	Ratio	Lower	Upper
248	100		
250	99.3	80.7	121.1
141	61.0	39.6	59.4#

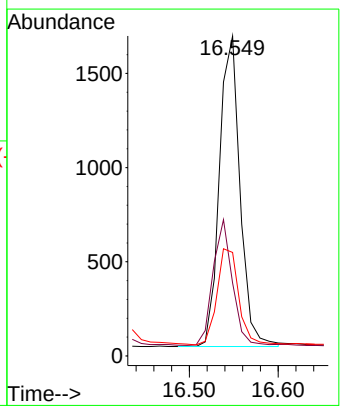


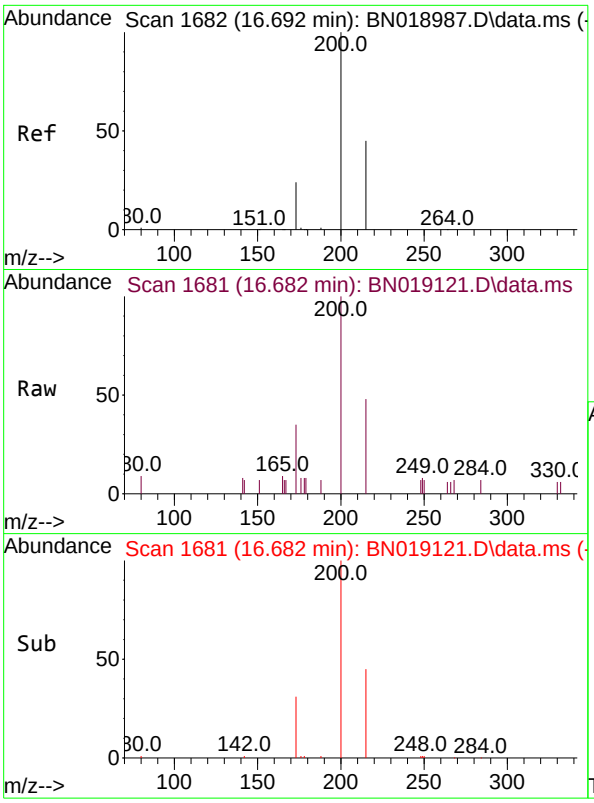


#22
Hexachlorobenzene
Concen: 0.297 ng
RT: 16.549 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:284 Resp: 2653

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.8	44.8
249	32.7	26.2	39.2



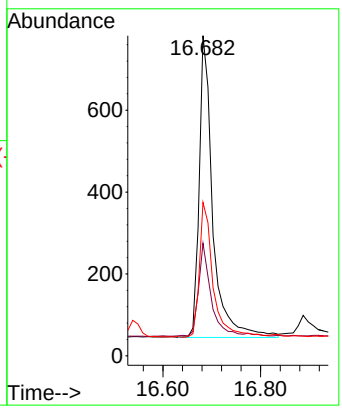


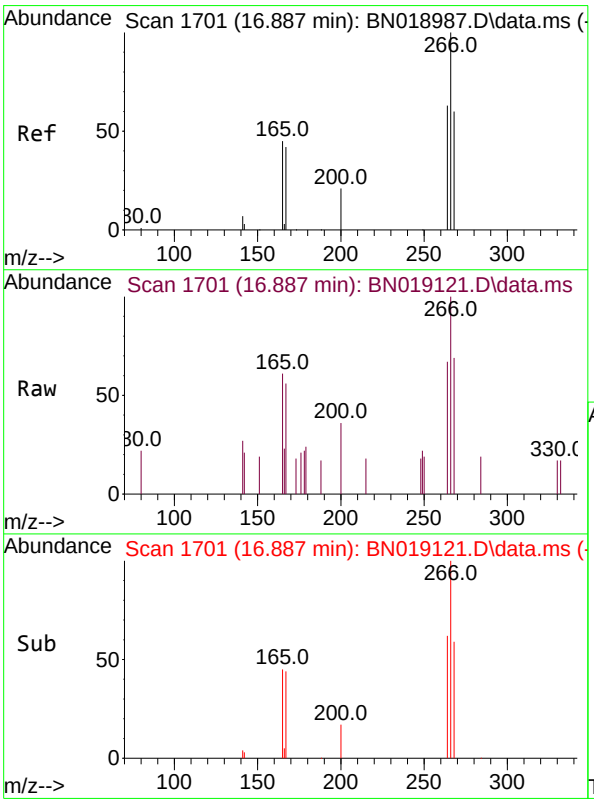
#23
Atrazine
Concen: 0.274 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1422

Ion	Ratio	Lower	Upper
200	100		
173	35.2	23.9	35.9
215	48.0	36.6	54.8

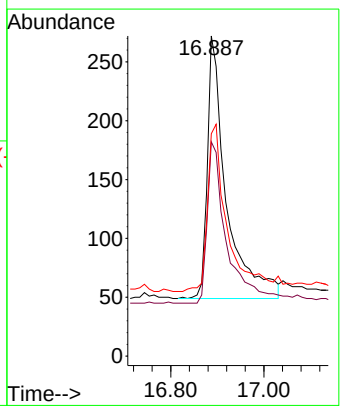


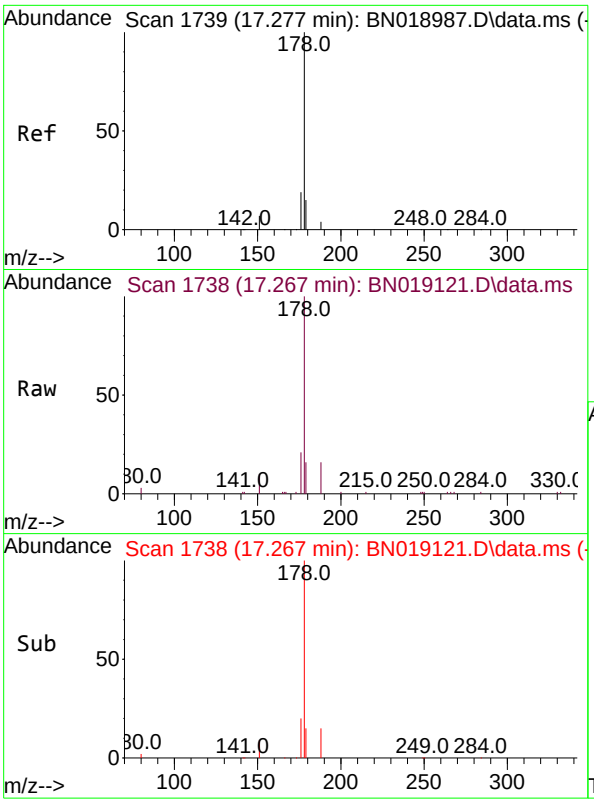


#24
Pentachlorophenol
Concen: 0.230 ng
RT: 16.887 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:266 Resp: 631

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.4
268	65.5	51.9	77.9



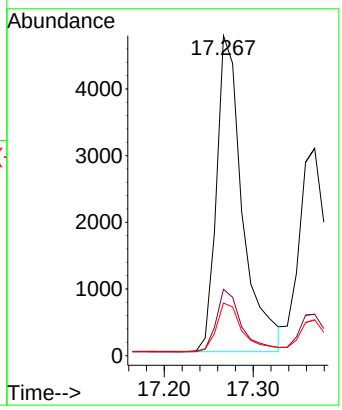


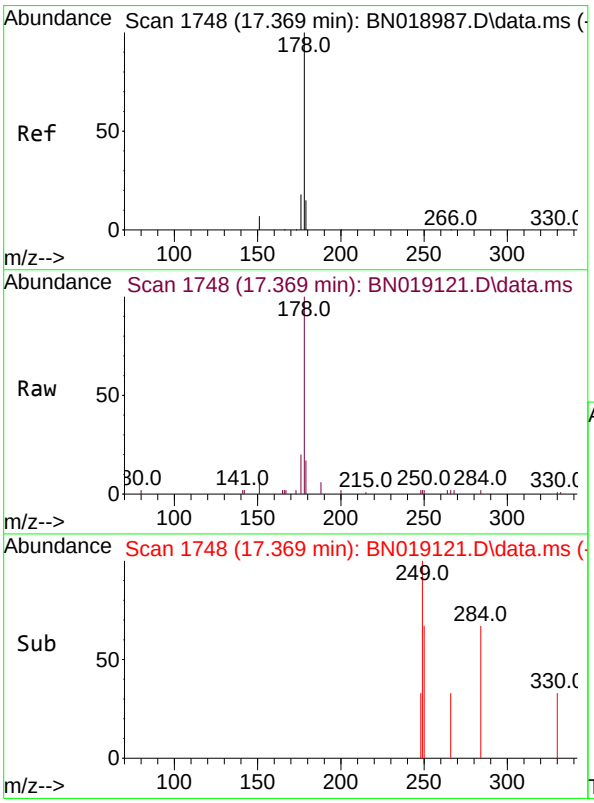
#25
Phenanthrene
Concen: 0.281 ng
RT: 17.267 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9657

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.2	18.2

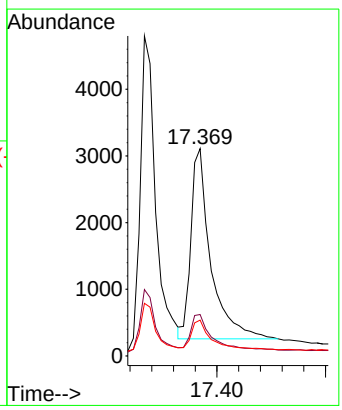


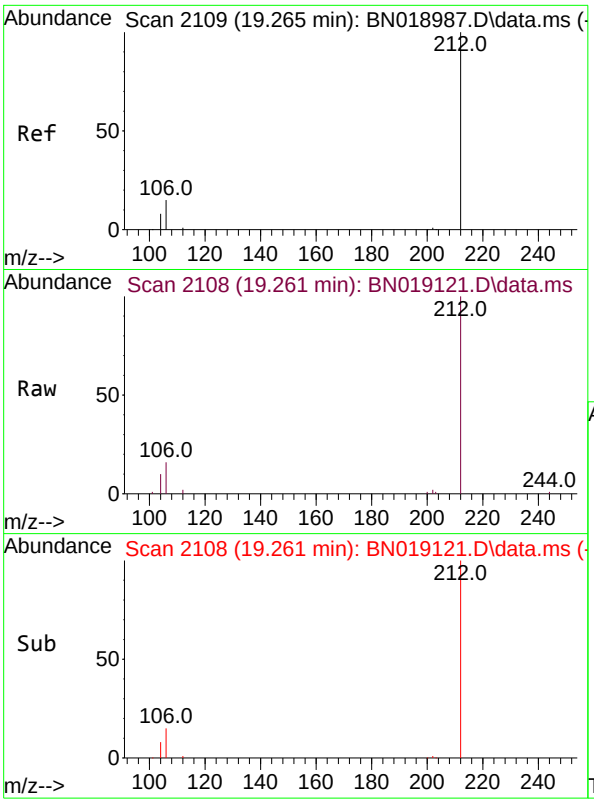


#26
Anthracene
Concen: 0.249 ng
RT: 17.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:178 Resp: 7241

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.8	22.2
179	15.7	12.2	18.4



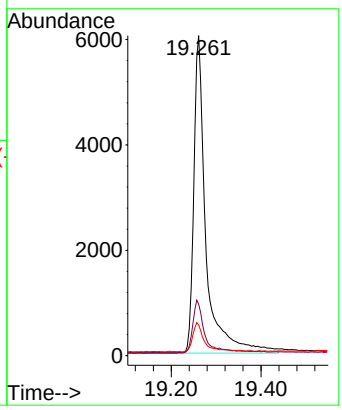


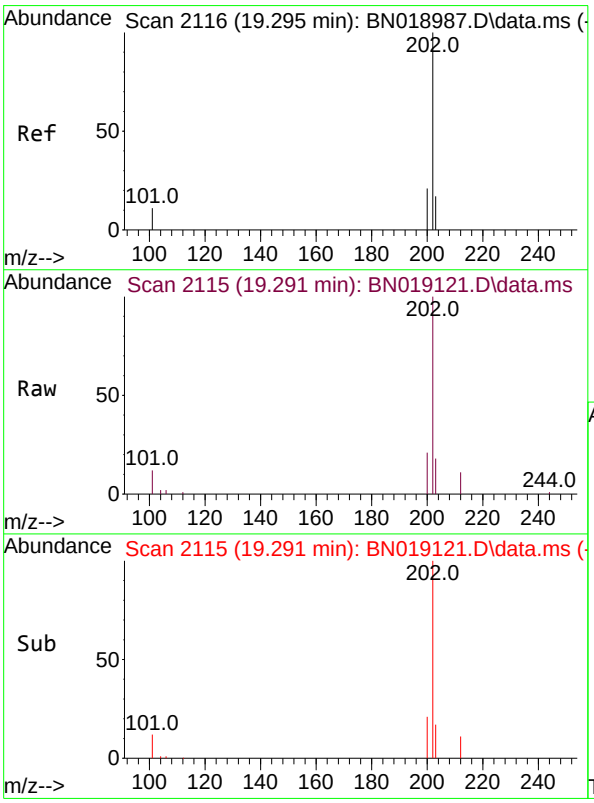
#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 11375

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.7	19.1
104	8.8	7.1	10.7

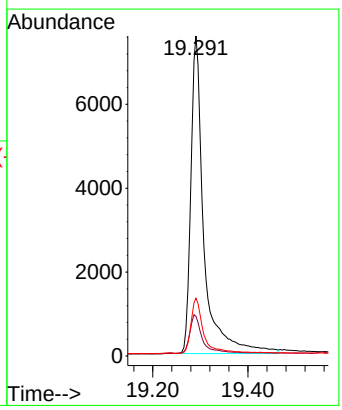


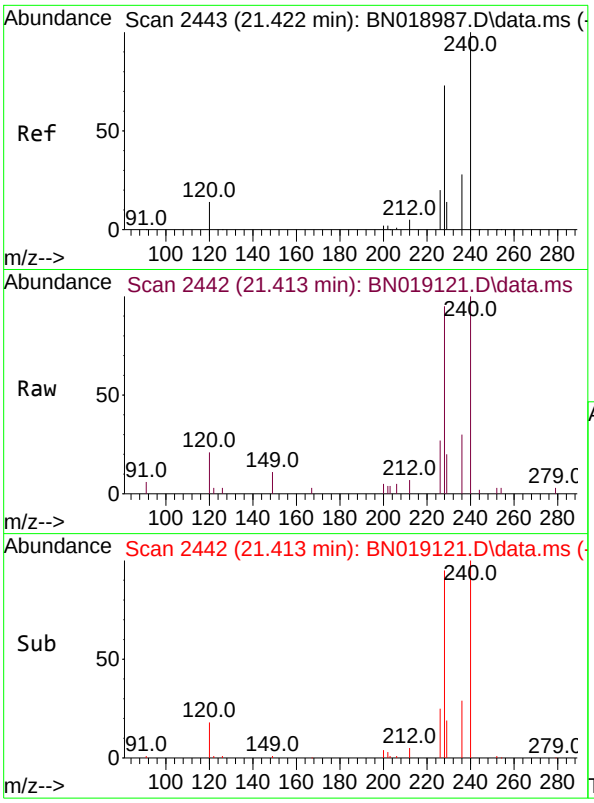


#28
Fluoranthene
Concen: 0.358 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:202 Resp: 14442

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	16.4	13.7	20.5



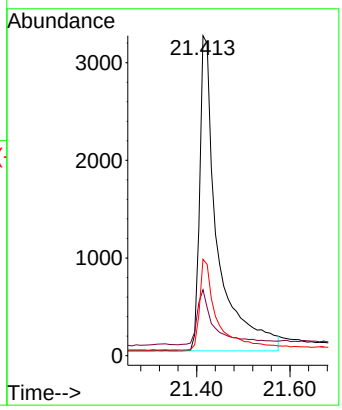


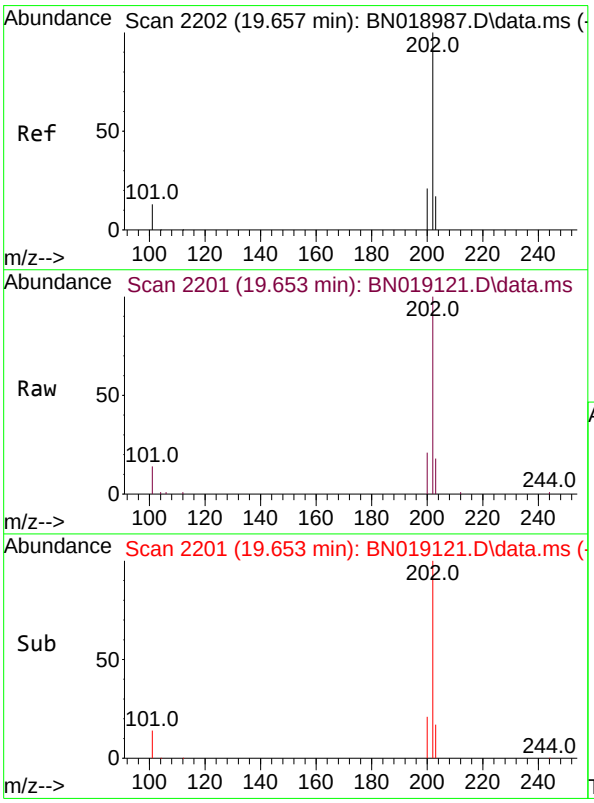
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 8633

Ion	Ratio	Lower	Upper
240	100		
120	20.6	8.5	12.7#
236	30.1	22.4	33.6

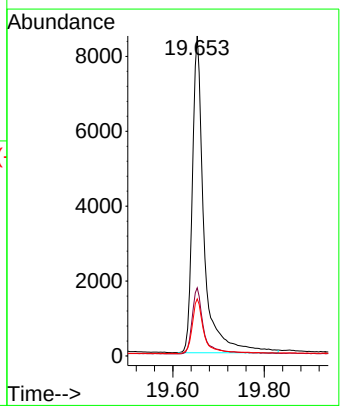


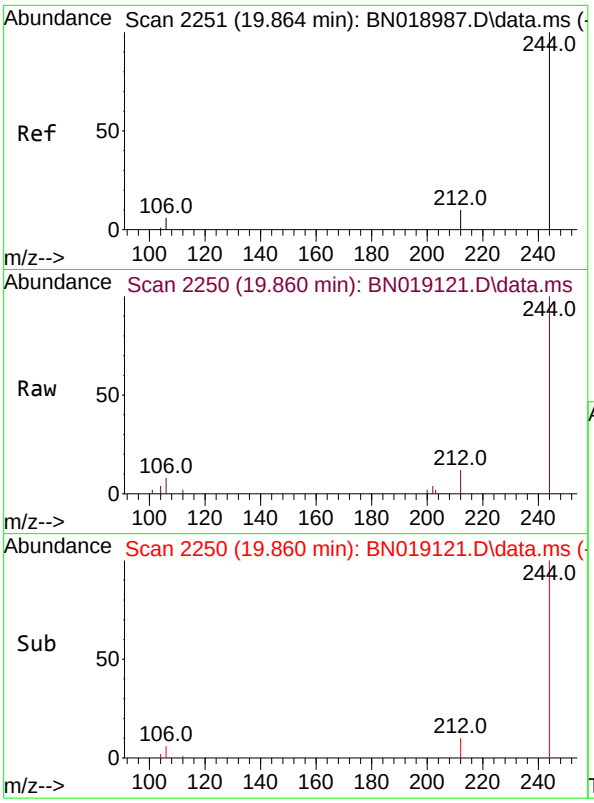


#30
Pyrene
Concen: 0.351 ng
RT: 19.653 min Scan# 2201
Delta R.T. -0.004 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:202 Resp: 15089

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.2	14.2	21.2



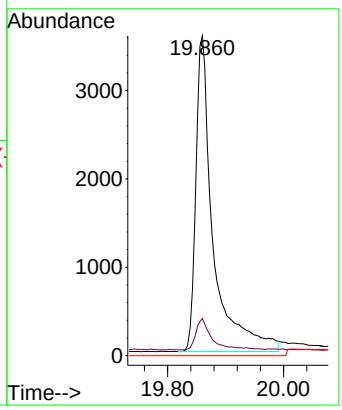


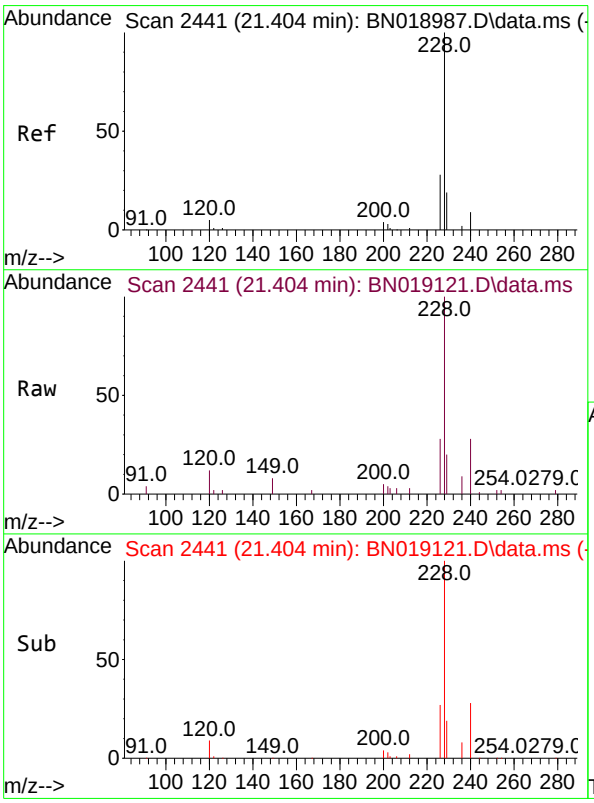
#31
Terphenyl-d14
Concen: 0.351 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7436

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.2	12.4
122	0.0	0.0	0.0

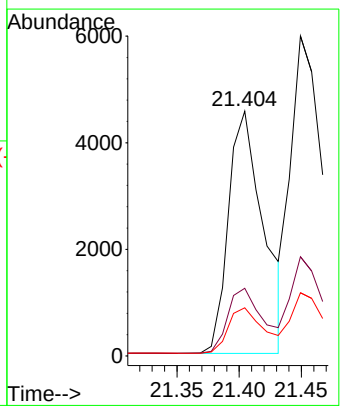


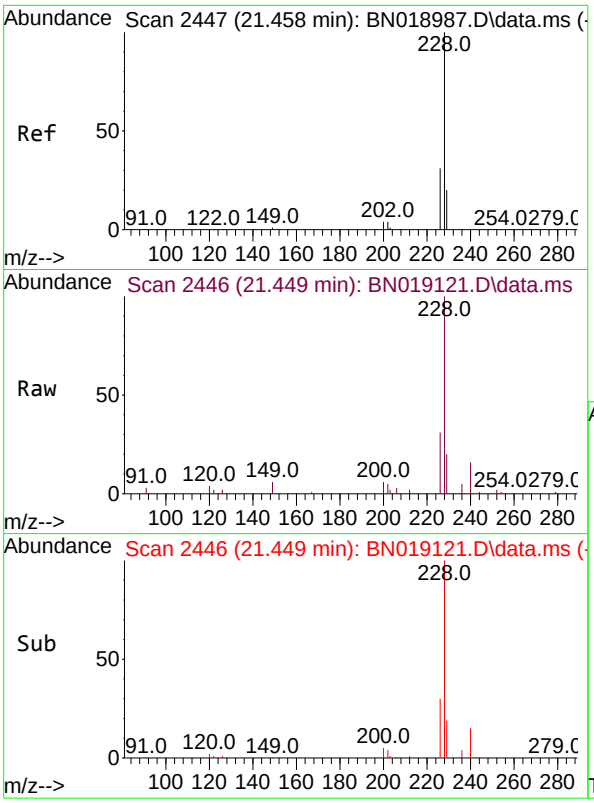


#32
Benzo(a)anthracene
Concen: 0.335 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:228 Resp: 8912

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	19.7	16.0	24.0



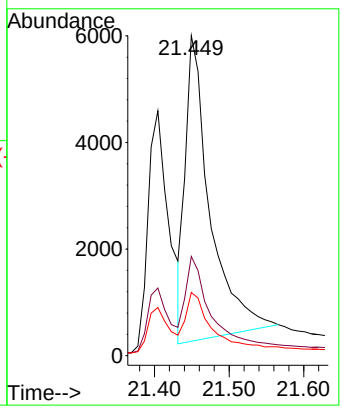


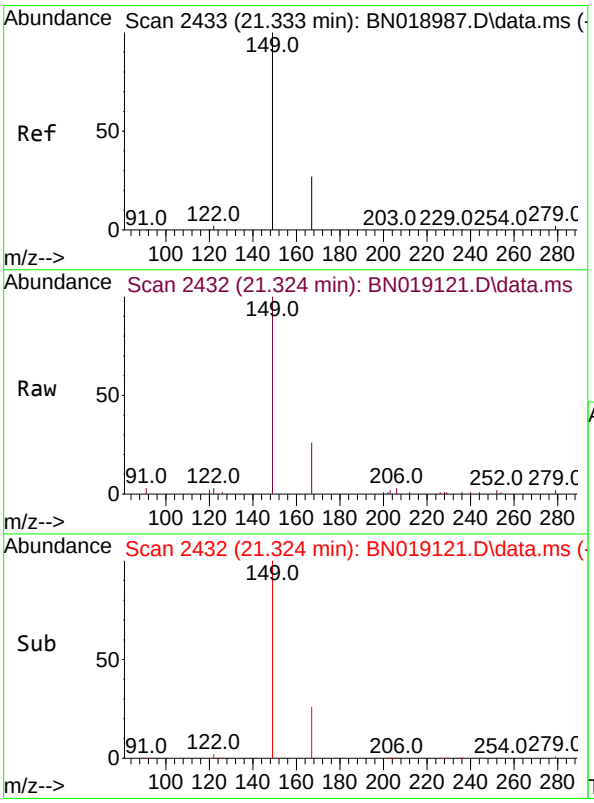
#33
Chrysene
Concen: 0.365 ng
RT: 21.449 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13108

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	19.8	15.9	23.9

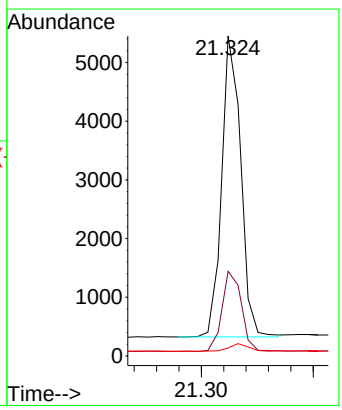


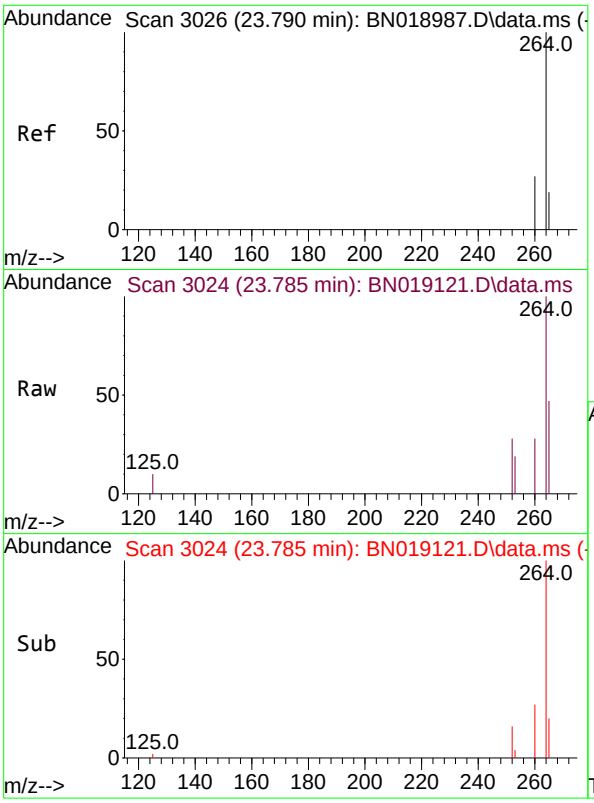


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:149 Resp: 6069

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	2.7	2.0	3.0



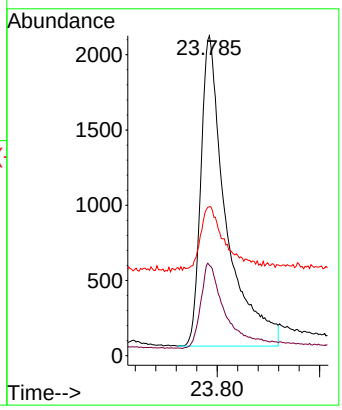


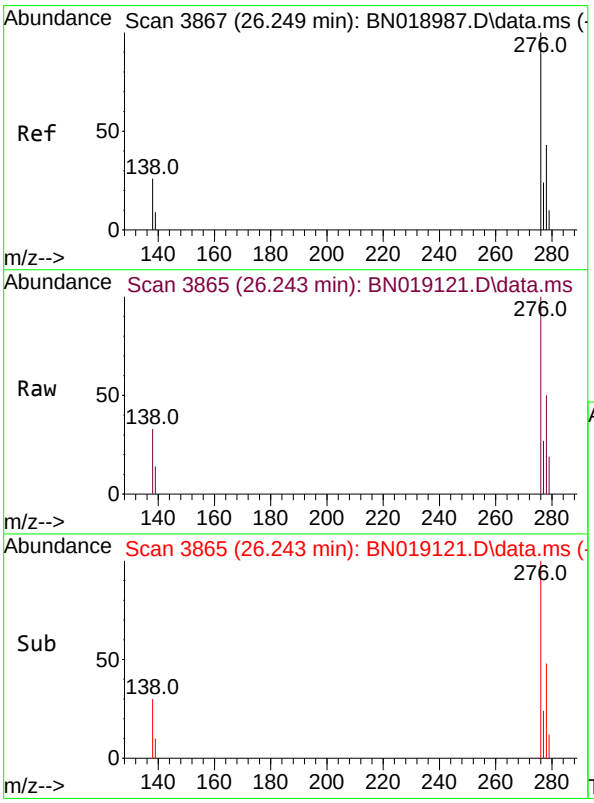
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 7057

Ion	Ratio	Lower	Upper
264	100		
260	28.3	22.4	33.6
265	46.5	25.3	37.9#

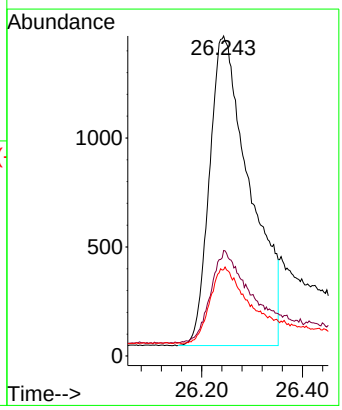


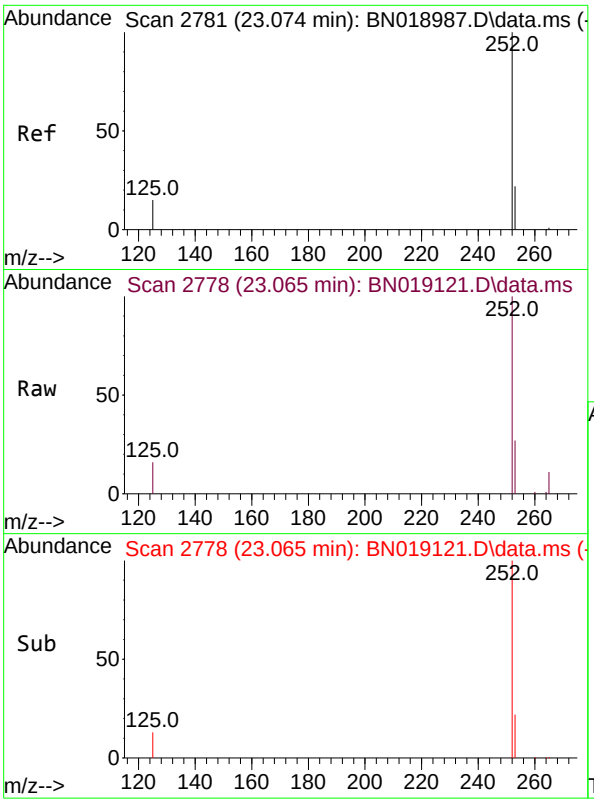


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng
RT: 26.243 min Scan# 3865
Delta R.T. -0.006 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:276 Resp: 7895

Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.5	36.7
277	24.4	19.8	29.8



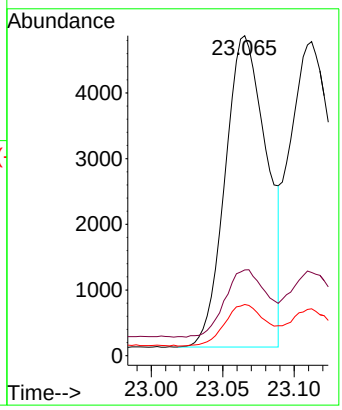


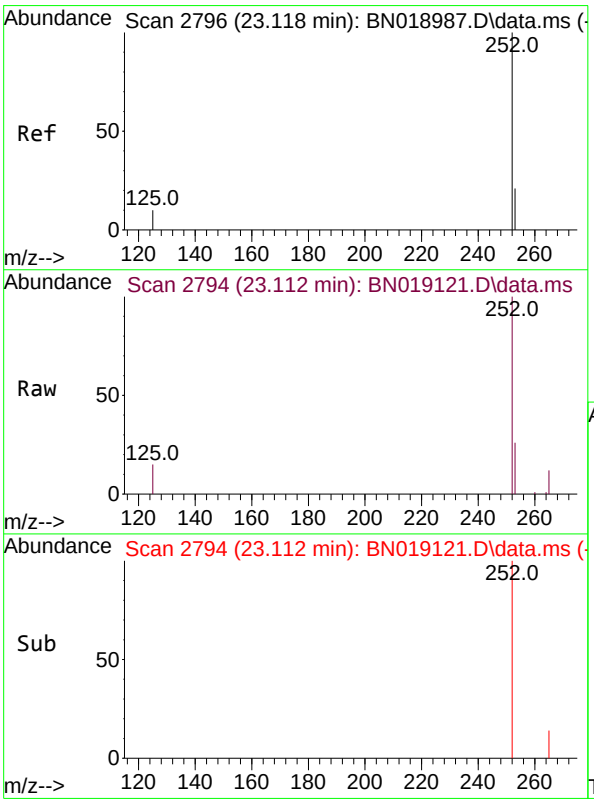
#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9578

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.9	28.3
125	16.0	12.1	18.1

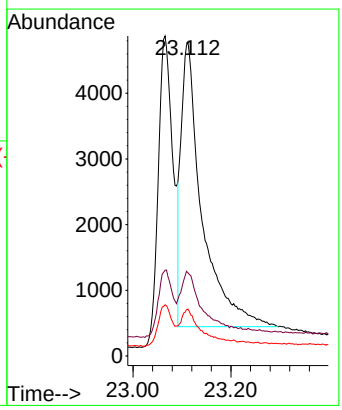


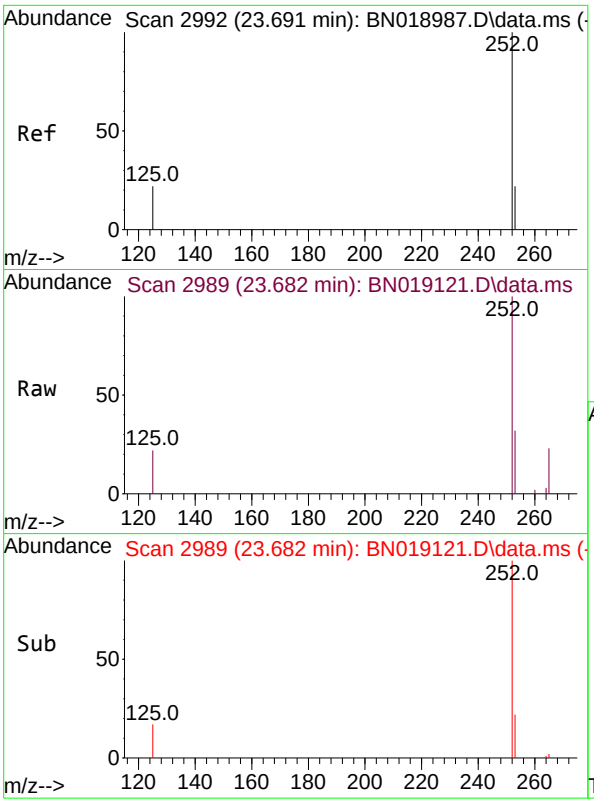


#38
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.112 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:252 Resp: 12809

Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.9	28.3
125	14.9	10.3	15.5



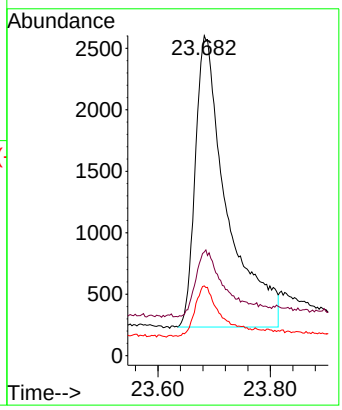


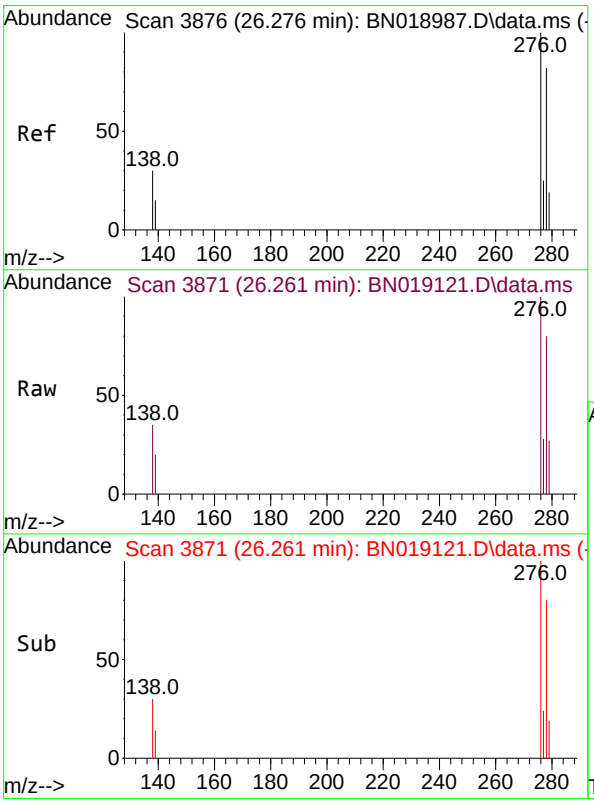
#39
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.682 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9256

Ion	Ratio	Lower	Upper
252	100		
253	32.4	20.1	30.1#
125	21.8	15.2	22.8

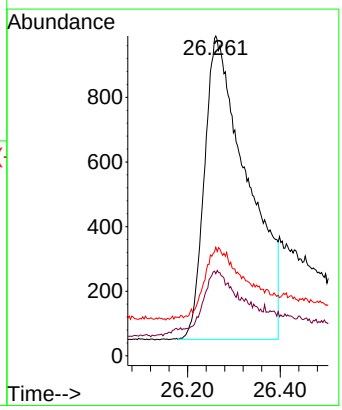


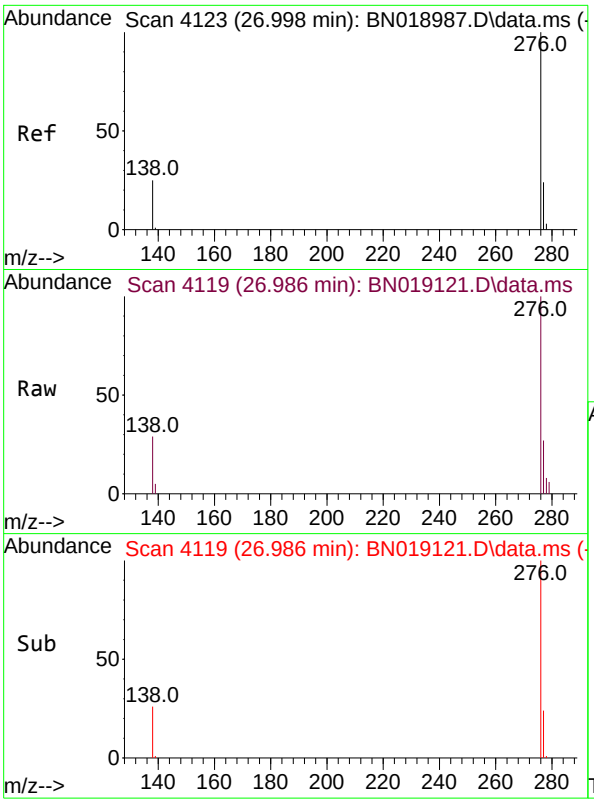


#40
Dibenzo(a,h)anthracene
Concen: 0.304 ng
RT: 26.261 min Scan# 3871
Delta R.T. -0.015 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Tgt Ion:278 Resp: 6024

Ion	Ratio	Lower	Upper
278	100		
139	25.7	17.2	25.8
279	33.9	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.393 ng
RT: 26.986 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019121.D
Acq: 24 Mar 2022 11:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9826

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.4	29.0
138	28.9	21.0	31.6