Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
Data File : BN019356.D
Acq On : 05 Apr 2022 18:53
Operator : CG/JU
Sample : PB143891BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Quant Time: Apr 06 02:31:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	1835	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	5479	0.400	ng	# 0.01
13) Acenaphthene-d10	14.463	164	4008	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	9962	0.400	ng	0.00
29) Chrysene-d12	21.387	240	11161	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	12594	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	1696	0.345	ng	0.00
5) Phenol-d6	6.995	99	1703	0.288	ng	0.00
8) Nitrobenzene-d5	8.907	82	200	0.040	ng	-0.07
11) 2-Methylnaphthalene-d10	12.227	152	3368	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	660	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	5093	0.306	ng	0.00
27) Fluoranthene-d10	19.236	212	12321	0.384	ng	0.00
31) Terphenyl-d14	19.834	244	7314	0.302	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	668	0.304	ng	# 83
3) n-Nitrosodimethylamine	3.557	42	840	0.289	ng	97
6) bis(2-Chloroethyl)ether	7.248	93	2022	0.340	ng	100
9) Naphthalene	10.680	128	5806	0.359	ng	96
10) Hexachlorobutadiene	10.979	225	1320	0.375	ng	# 99
12) 2-Methylnaphthalene	12.303	142	3917	0.349	ng	98
16) Acenaphthylene	14.185	152	6433	0.323	ng	99
17) Acenaphthene	14.527	154	4570	0.345	ng	98
18) Fluorene	15.511	166	6154	0.352	ng	99
20) 4,6-Dinitro-2-methylph...	15.618	198	216	0.118	ng	# 10
21) 4-Bromophenyl-phenylether	16.405	248	2008	0.299	ng	96
22) Hexachlorobenzene	16.518	284	2794	0.356	ng	99
23) Atrazine	16.661	200	1541	0.278	ng	94
24) Pentachlorophenol	16.877	266	373	0.122	ng	98
25) Phenanthrene	17.246	178	11028	0.330	ng	100
26) Anthracene	17.338	178	8918	0.303	ng	100
28) Fluoranthene	19.265	202	15196	0.383	ng	99
30) Pyrene	19.628	202	16139	0.311	ng	99
32) Benzo(a)anthracene	21.378	228	12905	0.313	ng	100
33) Chrysene	21.431	228	15441	0.337	ng	99
34) Bis(2-ethylhexyl)phtha...	21.306	149	7985	0.260	ng	99
36) Indeno(1,2,3-cd)pyrene	26.167	276	18907	0.359	ng	97
37) Benzo(b)fluoranthene	23.074	252	19680	0.399	ng	97
38) Benzo(k)fluoranthene	23.074	252	15979	0.310	ng	99
39) Benzo(a)pyrene	23.638	252	15531	0.350	ng	# 86
40) Dibenzo(a,h)anthracene	26.191	278	13035	0.320	ng	96
41) Benzo(g,h,i)perylene	26.907	276	18668	0.382	ng	99

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

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Misc :
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Instrument :
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Quant Time: Apr 06 02:31:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
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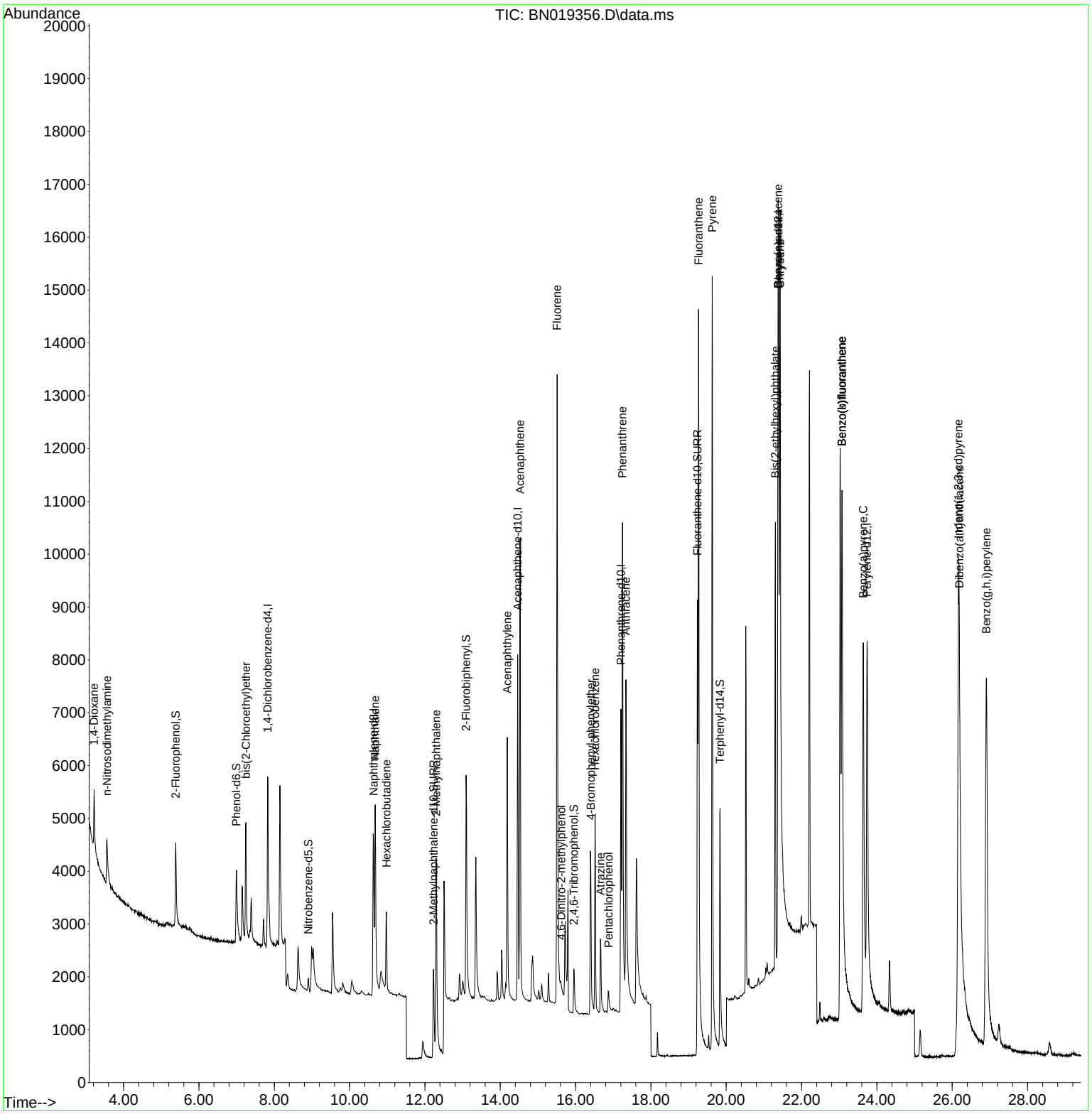
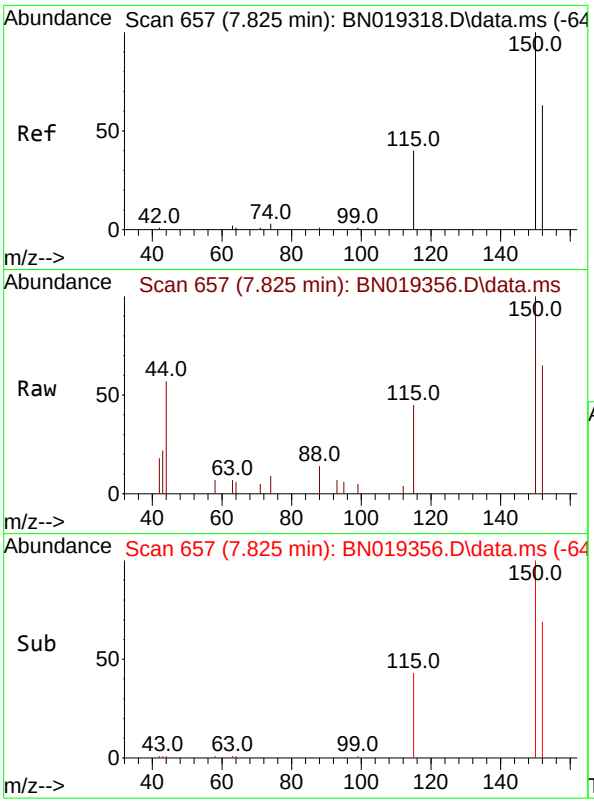


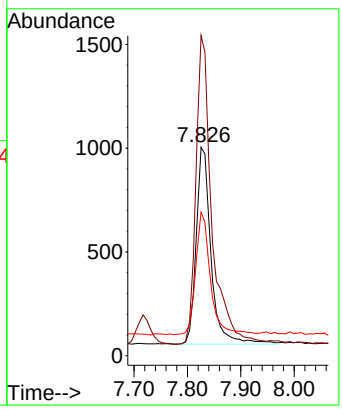


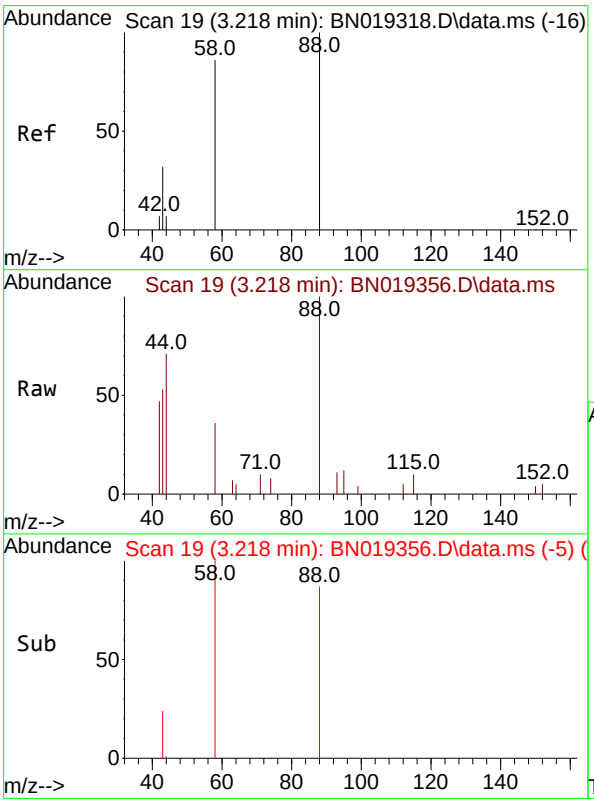
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:152 Resp: 1835

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.9	185.9
115	68.9	48.2	72.4

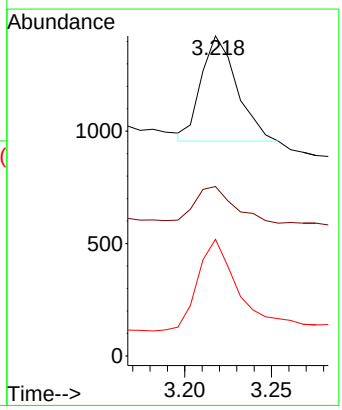


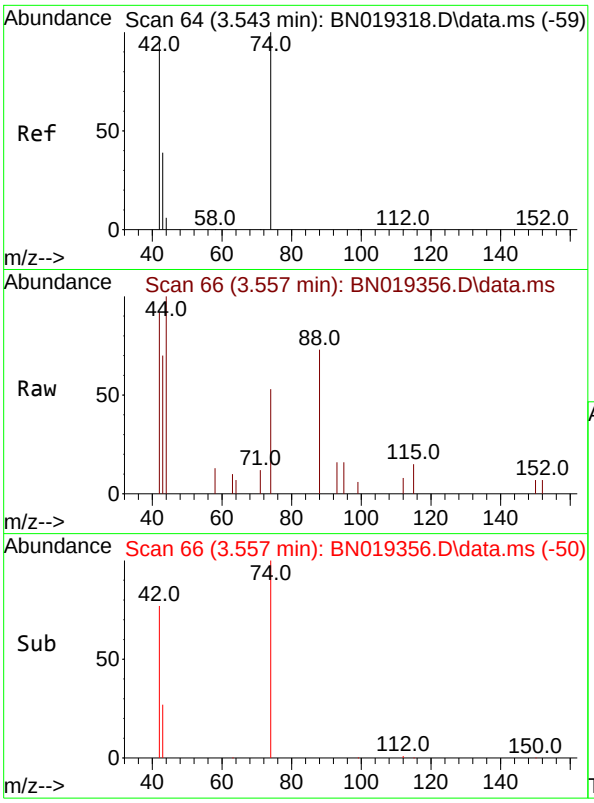


#2
1,4-Dioxane
Concen: 0.304 ng
RT: 3.218 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion: 88 Resp: 668

Ion	Ratio	Lower	Upper
88	100		
43	38.3	24.6	37.0#
58	97.9	65.4	98.2



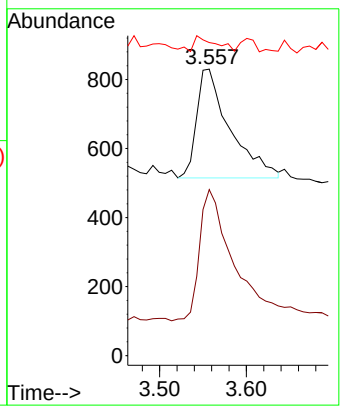


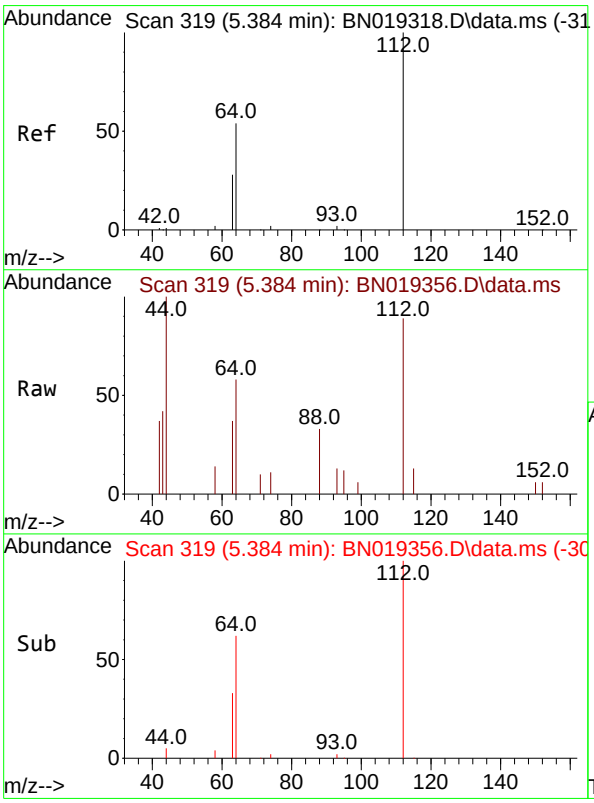
#3
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.557 min Scan# 6
Delta R.T. 0.015 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion: 42 Resp: 840

Ion	Ratio	Lower	Upper
42	100		
74	124.8	96.9	145.3
44	8.9	7.3	10.9

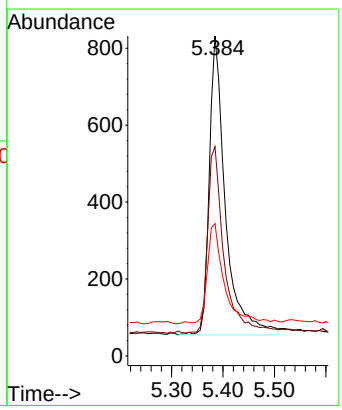


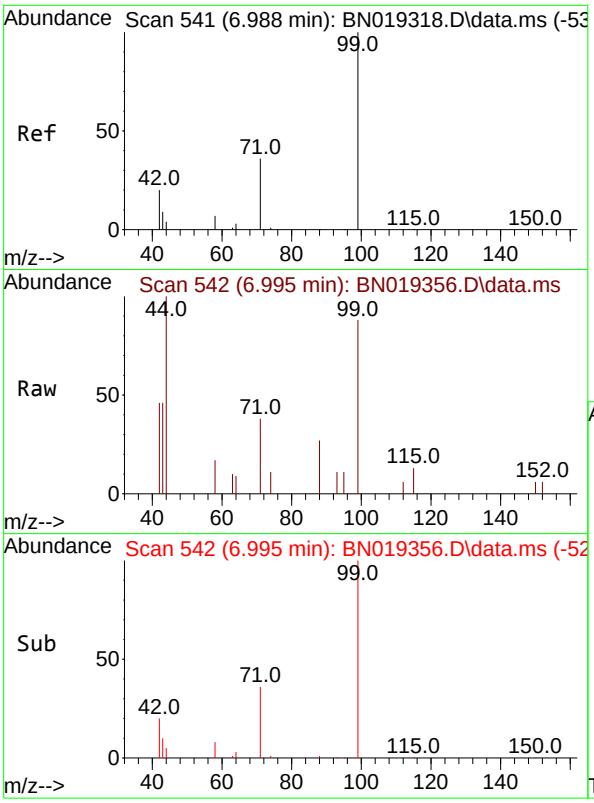


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:112 Resp: 1696

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.8	71.8
63	33.8	25.7	38.5



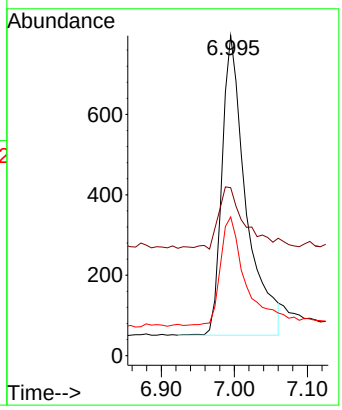


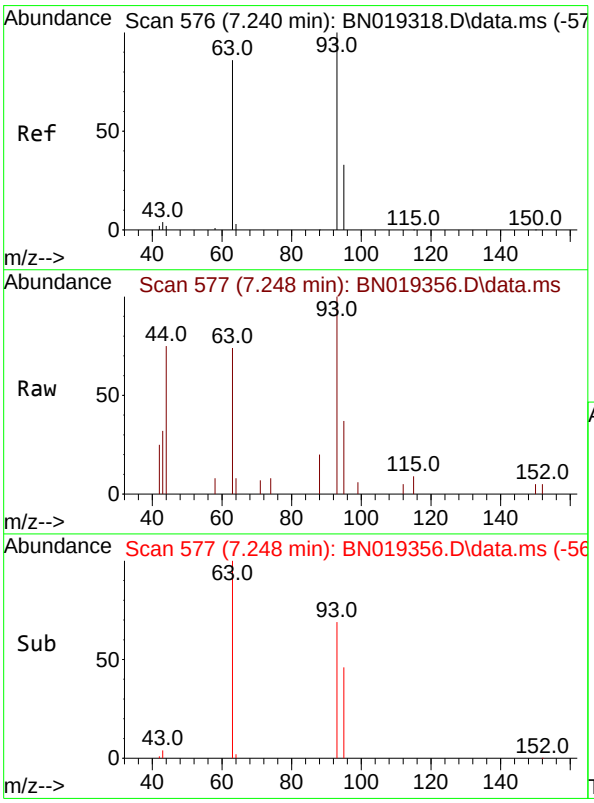
#5
Phenol-d6
Concen: 0.288 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion: 99 Resp: 1703

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.4
71	36.6	27.7	41.5

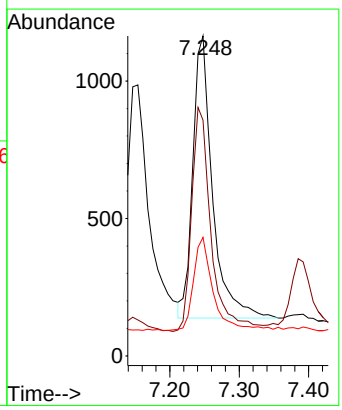


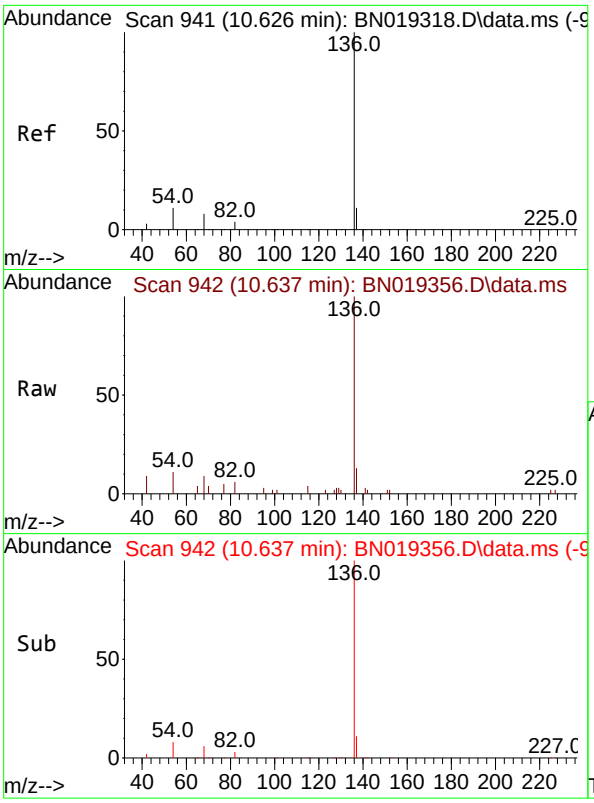


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.248 min Scan# 577
Delta R.T. 0.007 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion: 93 Resp: 2022

Ion	Ratio	Lower	Upper
93	100		
63	78.8	62.8	94.2
95	32.6	26.2	39.4



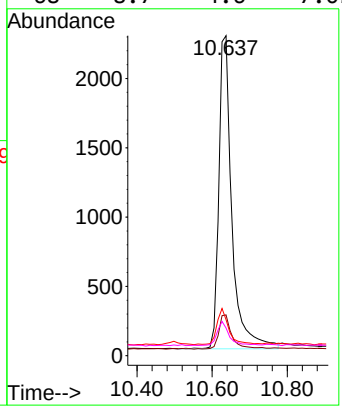


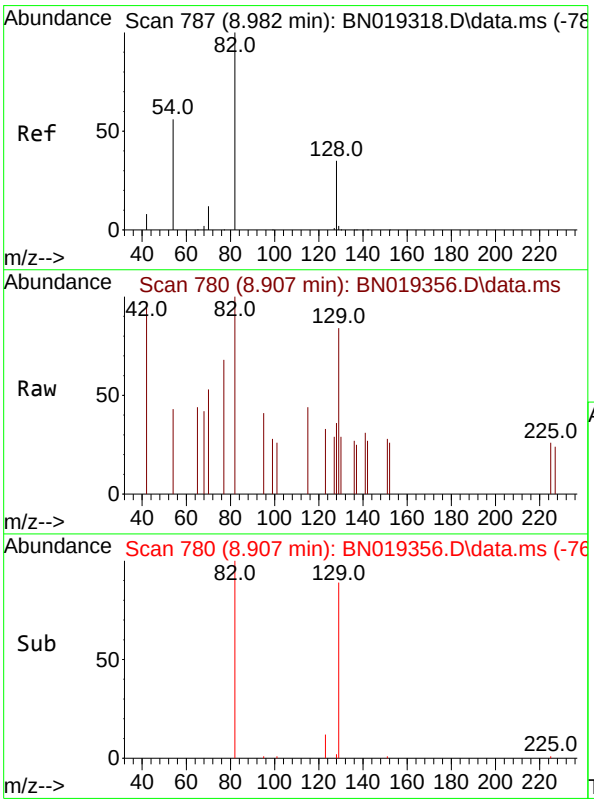
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:136 Resp: 5479

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.0	13.4
54	11.3	5.8	8.6#
68	8.7	4.6	7.0#

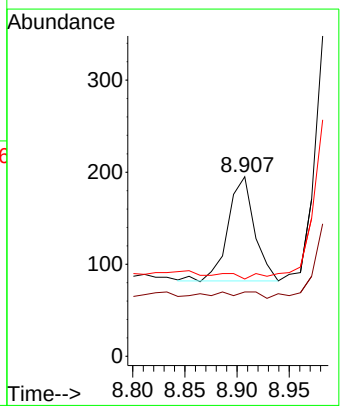


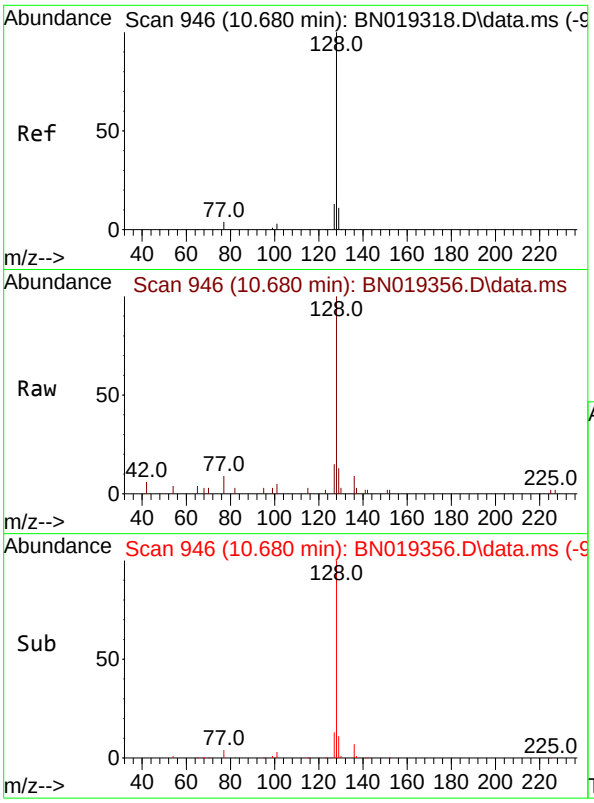


#8
Nitrobenzene-d5
Concen: 0.040 ng
RT: 8.907 min Scan# 780
Delta R.T. -0.075 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion: 82 Resp: 200

Ion	Ratio	Lower	Upper
82	100		
128	35.9	33.0	49.6
54	43.1	42.5	63.7



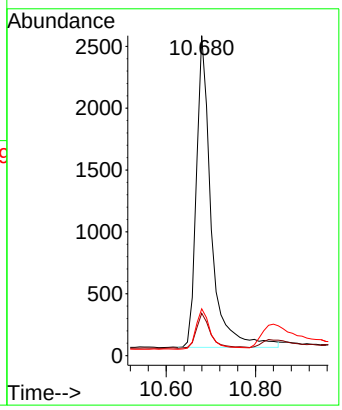


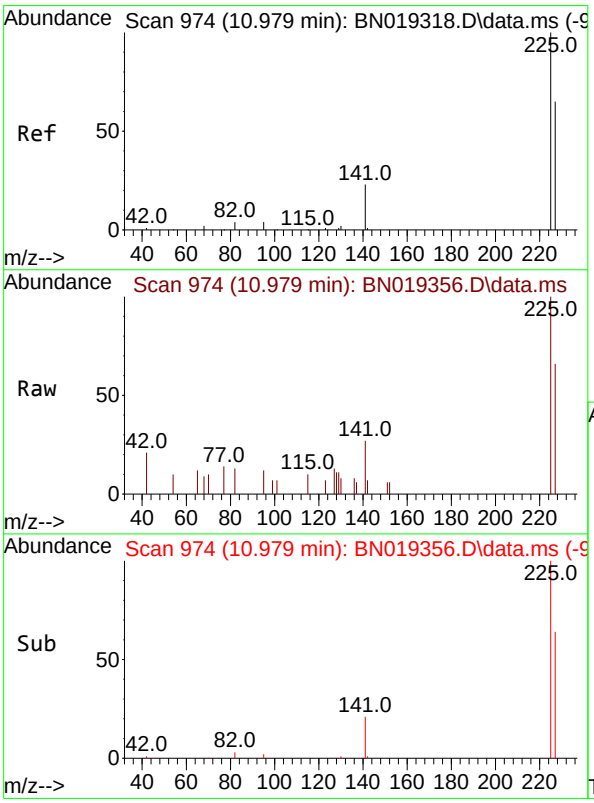
#9
Naphthalene
Concen: 0.359 ng
RT: 10.680 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:128 Resp: 5806

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.4
127	14.6	10.7	16.1

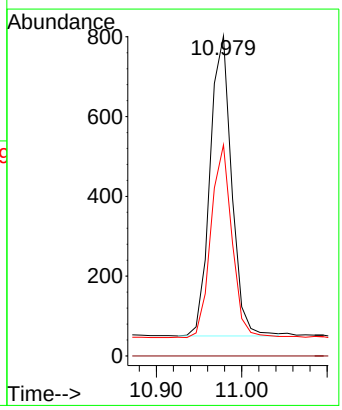


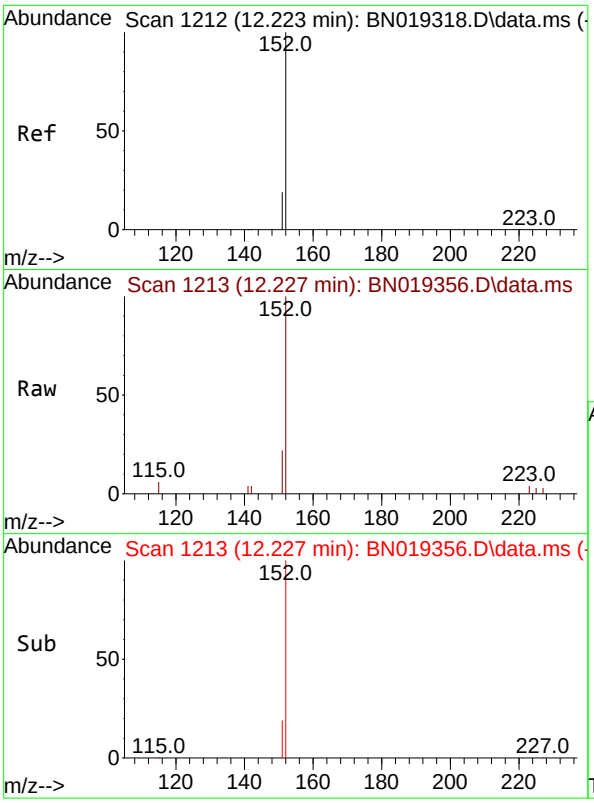


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:225 Resp: 1320

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	51.0	76.6



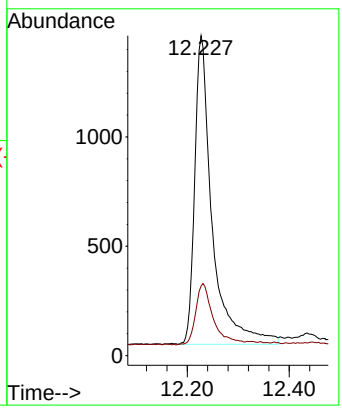


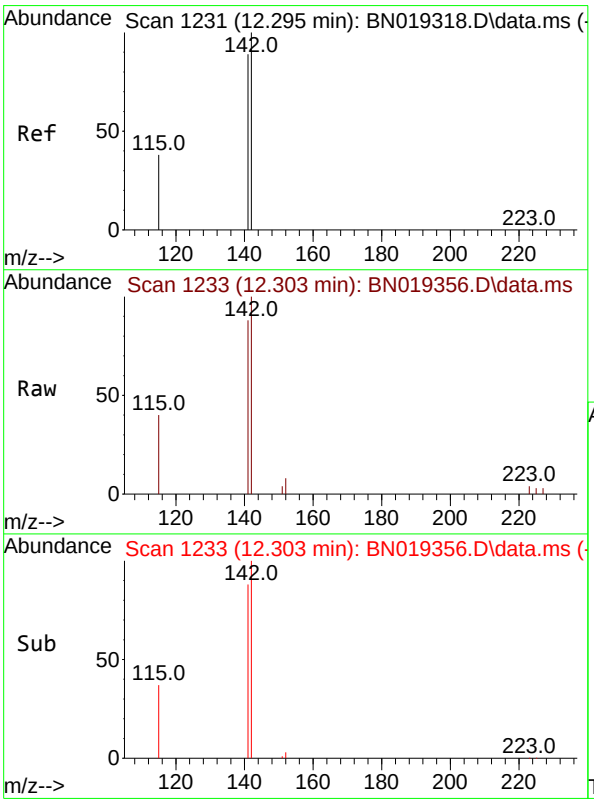
#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.227 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:152 Resp: 3368

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7

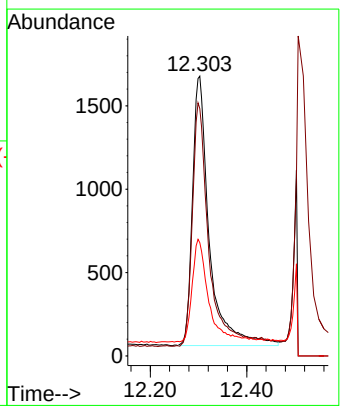


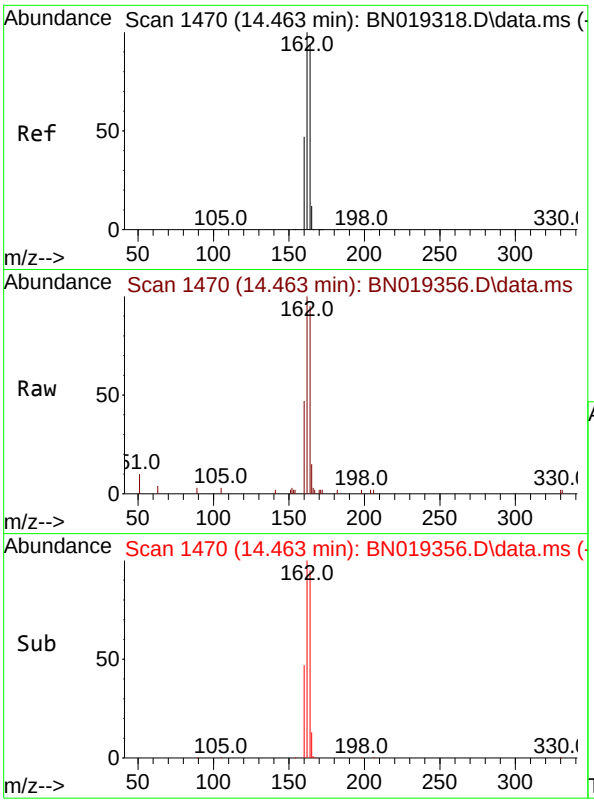


#12
2-Methylnaphthalene
Concen: 0.349 ng
RT: 12.303 min Scan# 1233
Delta R.T. 0.008 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:142 Resp: 3917

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	40.5	29.8	44.8



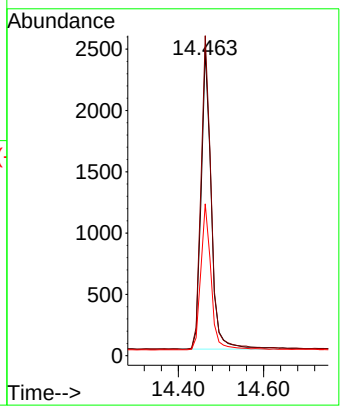


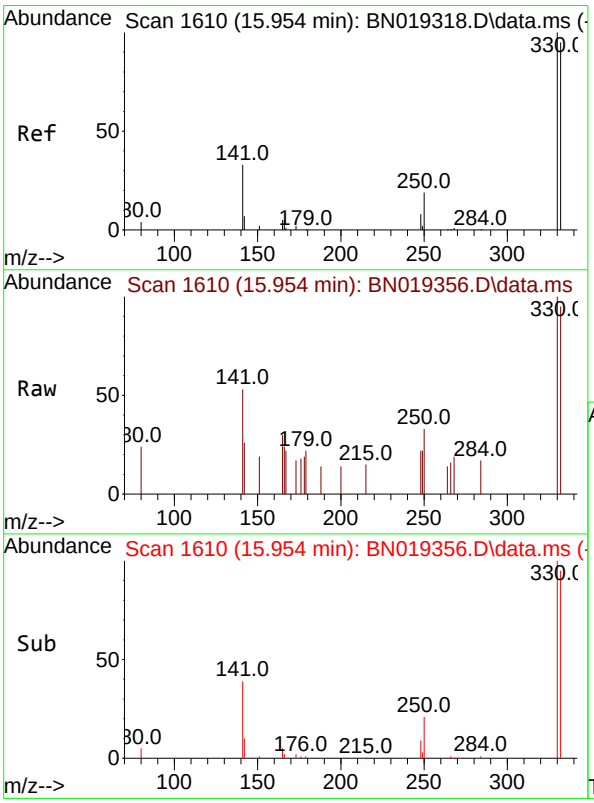
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:164 Resp: 4008

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.2	127.8
160	49.7	41.5	62.3

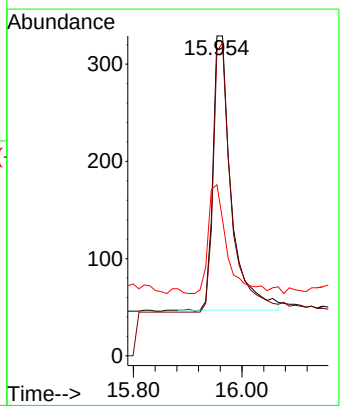


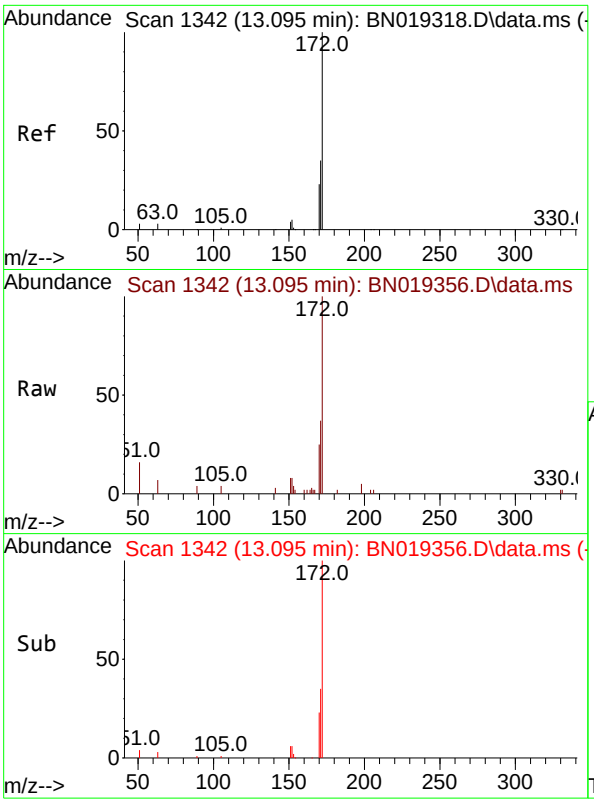


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:330 Resp: 660

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.8	115.2
141	41.1	32.2	48.2



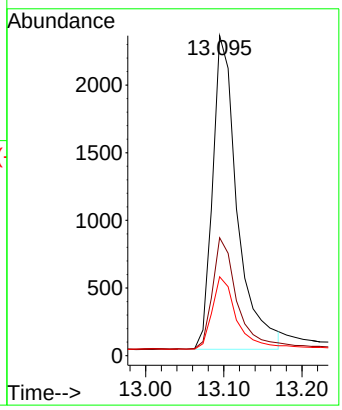


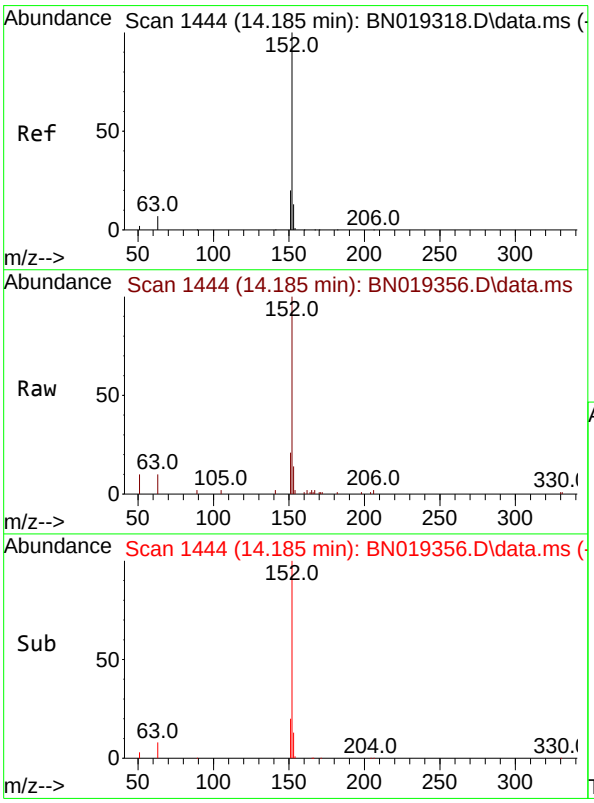
#15
2-Fluorobiphenyl
Concen: 0.306 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:172 Resp: 5093

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.2	42.2
170	24.7	18.7	28.1

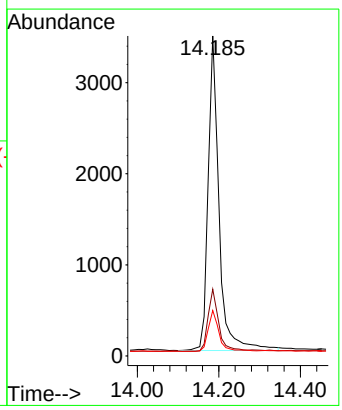


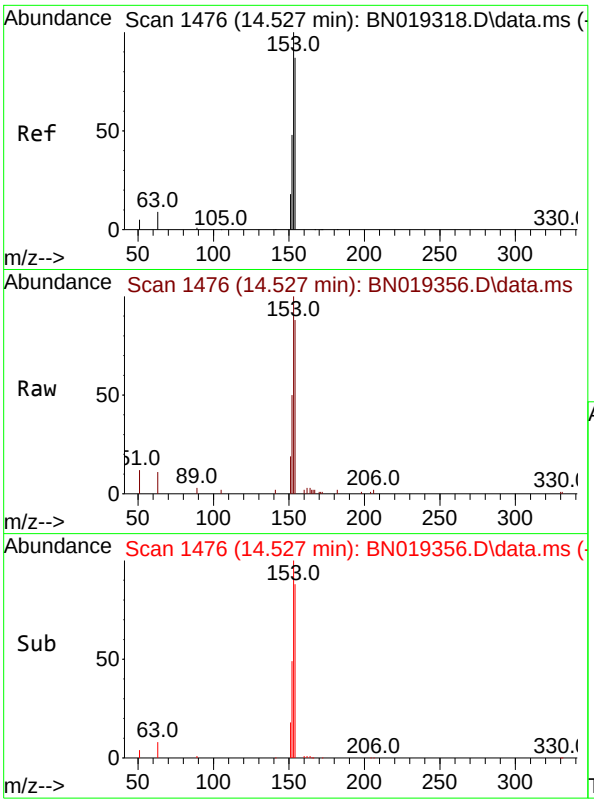


#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:152 Resp: 6433

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	12.9	10.6	15.8



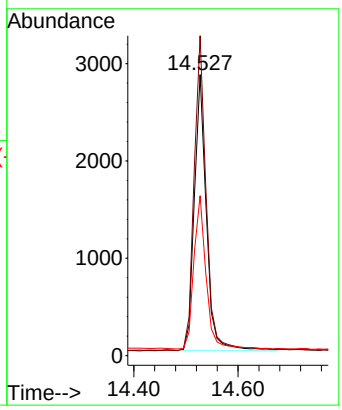


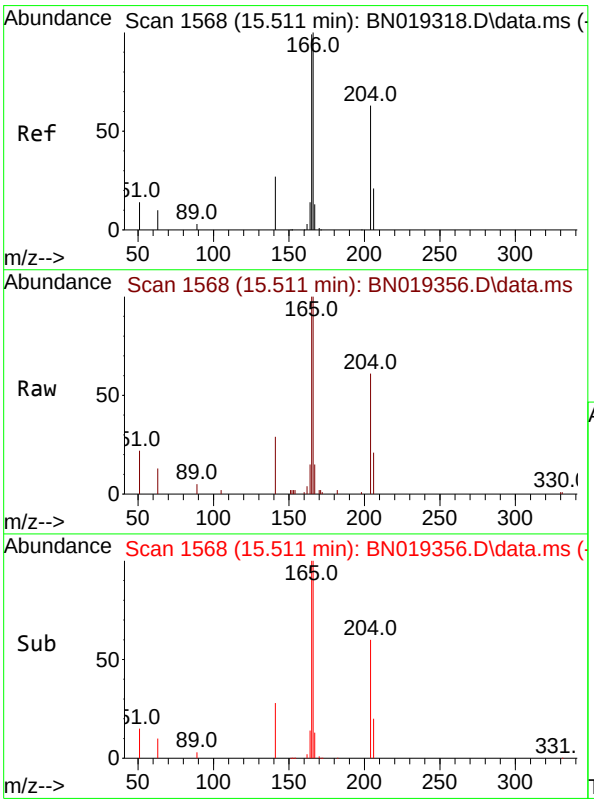
#17
Acenaphthene
Concen: 0.345 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:154 Resp: 4570

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.7	134.5
152	56.4	44.7	67.1

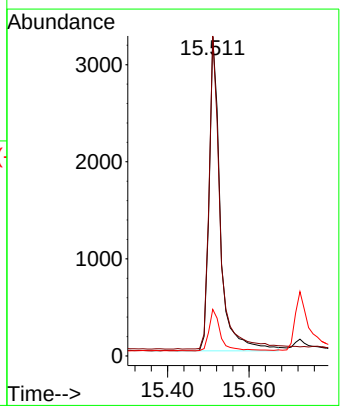


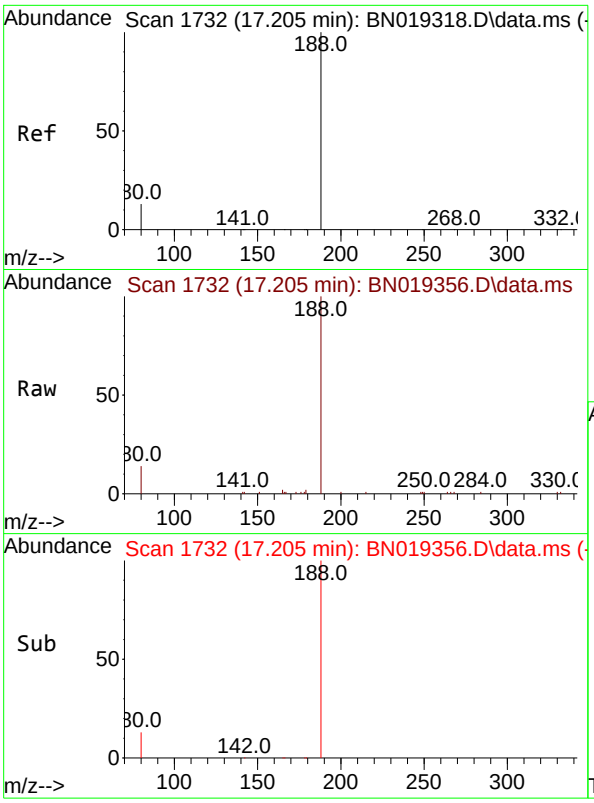


#18
Fluorene
Concen: 0.352 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:166 Resp: 6154

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.2	118.8
167	13.6	10.7	16.1



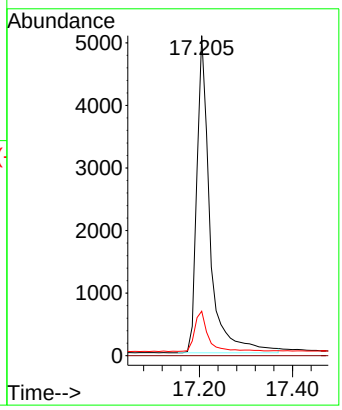


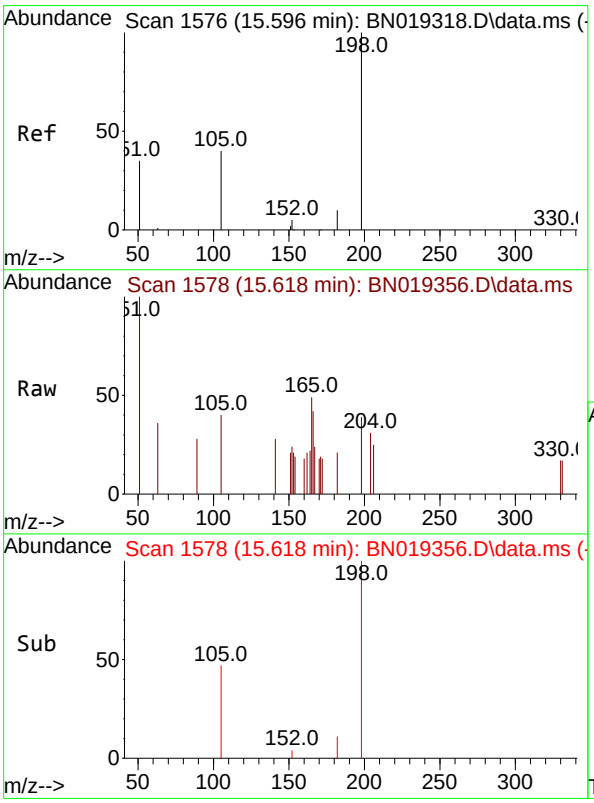
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:188 Resp: 9962

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	11.8	17.8

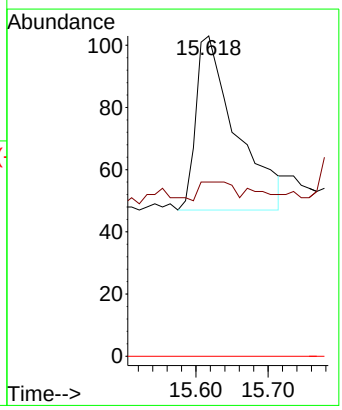


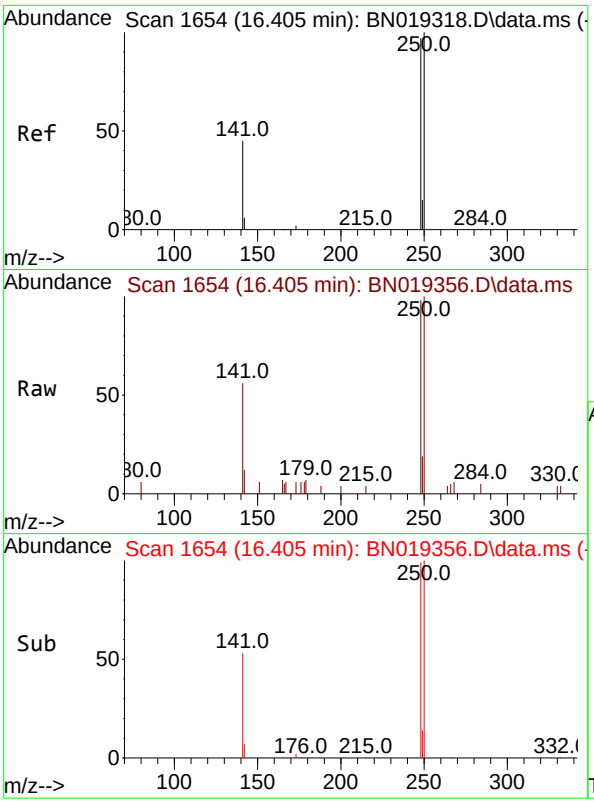


#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.021 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:198 Resp: 216

Ion	Ratio	Lower	Upper
198	100		
182	54.4	13.0	19.4#
77	0.0	0.0	0.0



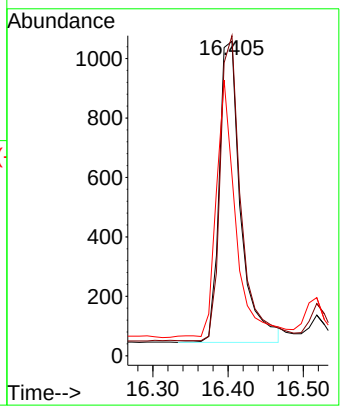


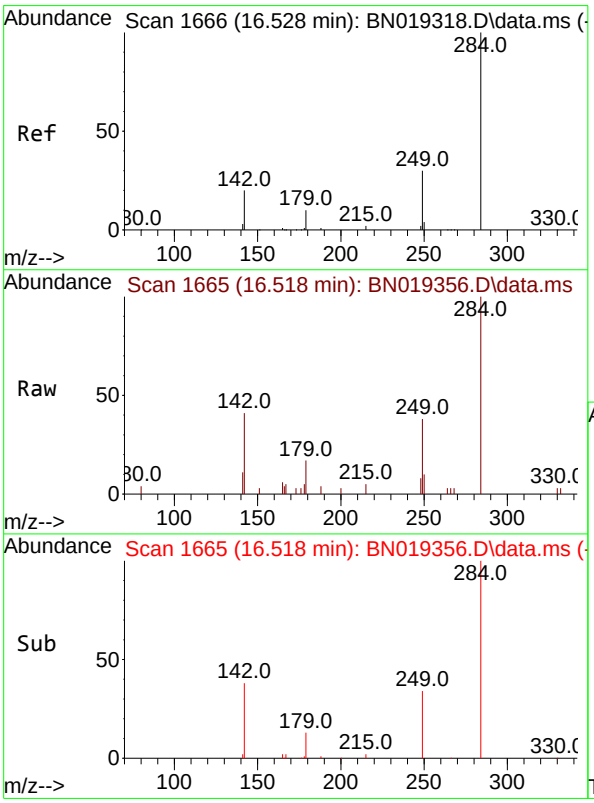
#21
4-Bromophenyl-phenylether
Concen: 0.299 ng
RT: 16.405 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:248 Resp: 2008

Ion	Ratio	Lower	Upper
248	100		
250	101.8	80.7	121.1
141	57.5	39.6	59.4

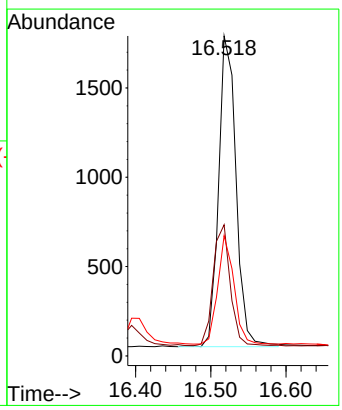


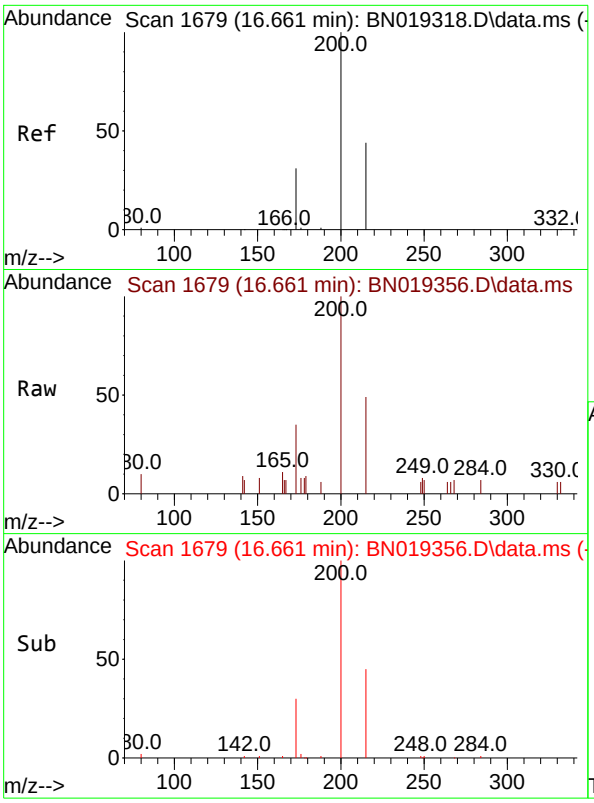


#22
Hexachlorobenzene
Concen: 0.356 ng
RT: 16.518 min Scan# 1665
Delta R.T. -0.010 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:284 Resp: 2794

Ion	Ratio	Lower	Upper
284	100		
142	38.1	29.8	44.8
249	32.4	26.2	39.2



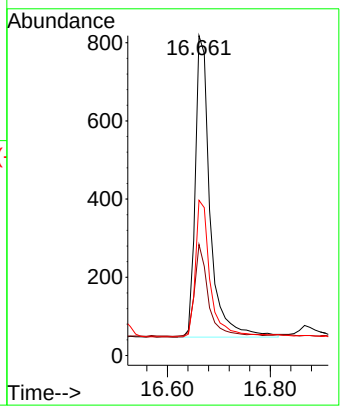


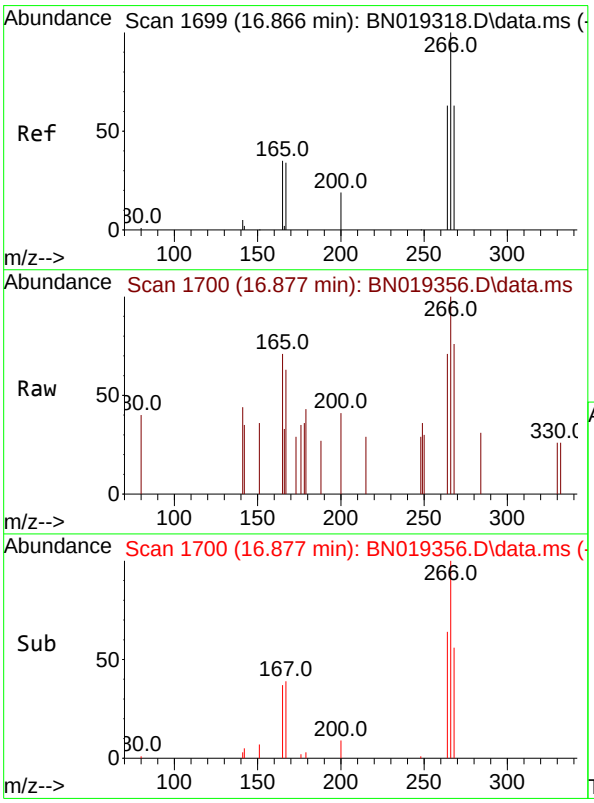
#23
Atrazine
Concen: 0.278 ng
RT: 16.661 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:200 Resp: 1541

Ion	Ratio	Lower	Upper
200	100		
173	34.7	23.9	35.9
215	48.5	36.6	54.8

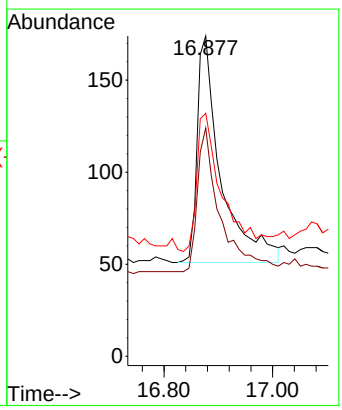


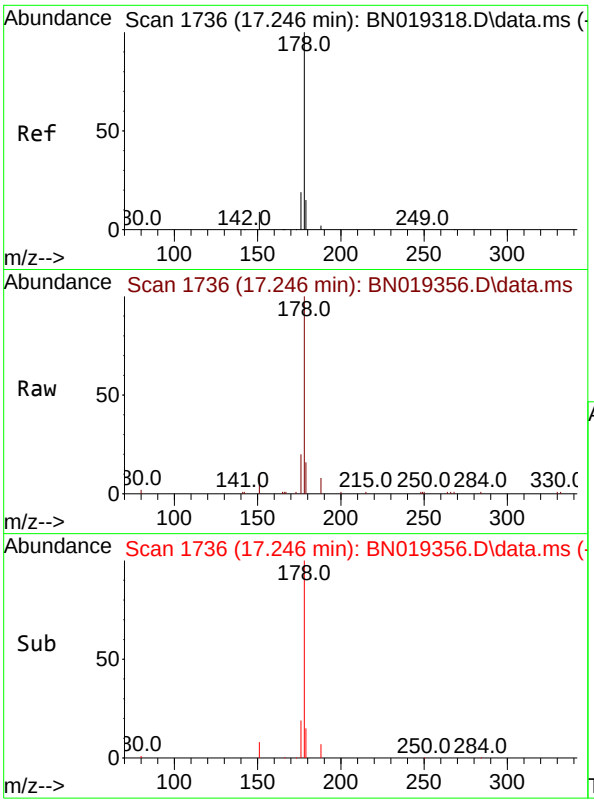


#24
Pentachlorophenol
Concen: 0.122 ng
RT: 16.877 min Scan# 1700
Delta R.T. 0.010 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:266 Resp: 373

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.2	75.4
268	66.0	51.9	77.9



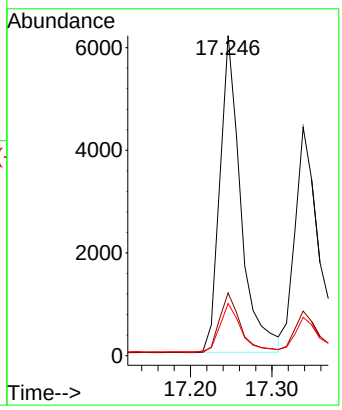


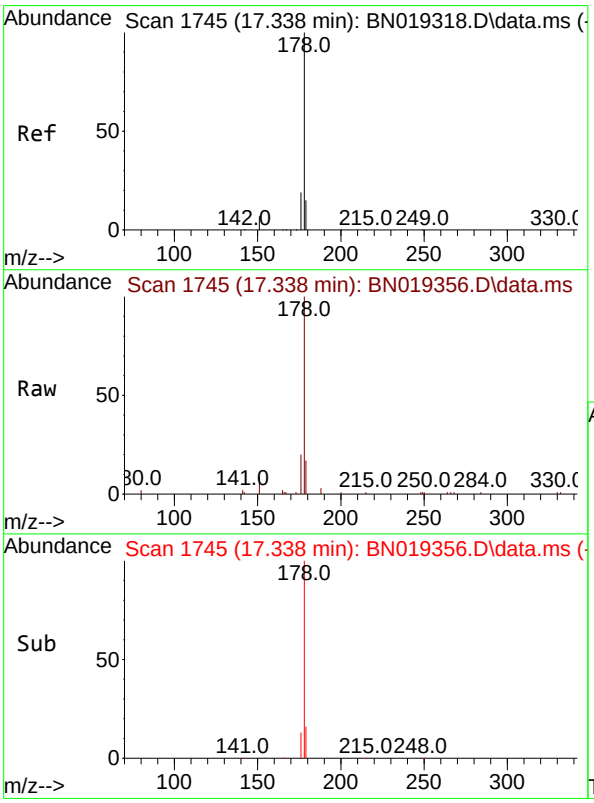
#25
Phenanthrene
Concen: 0.330 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:178 Resp: 11028

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.2	18.2

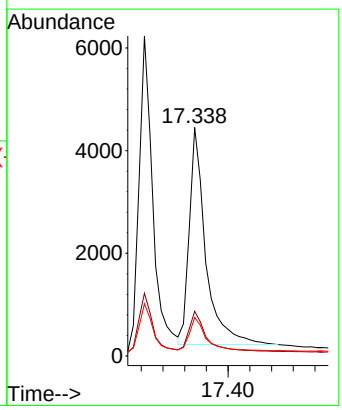


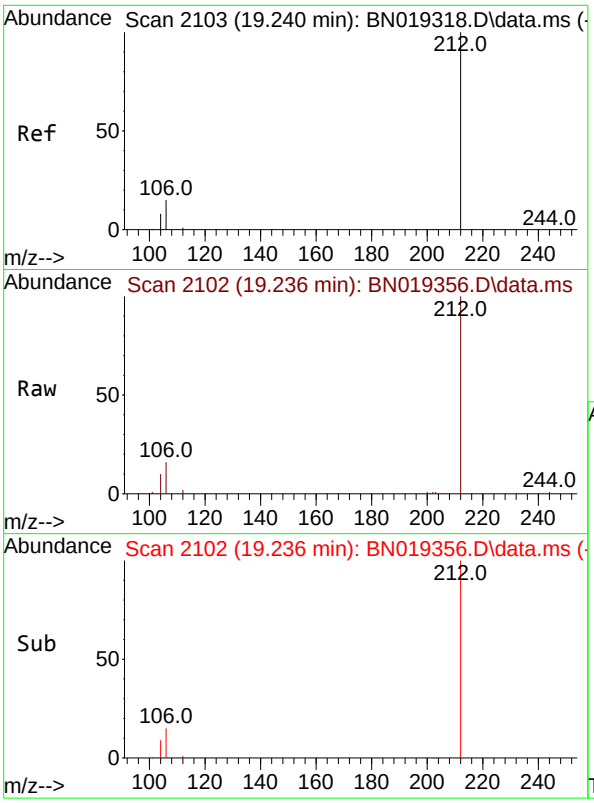


#26
Anthracene
Concen: 0.303 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:178 Resp: 8918

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.2	12.2	18.4



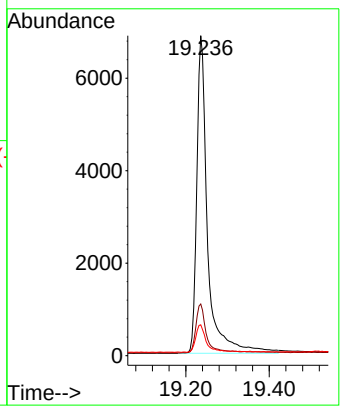


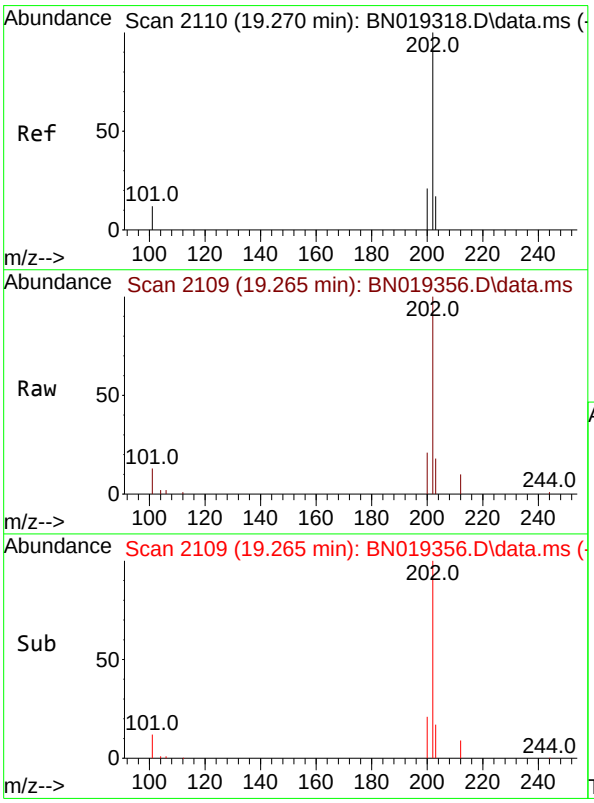
#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:212 Resp: 12321

Ion	Ratio	Lower	Upper
212	100		
106	15.0	12.7	19.1
104	8.4	7.1	10.7

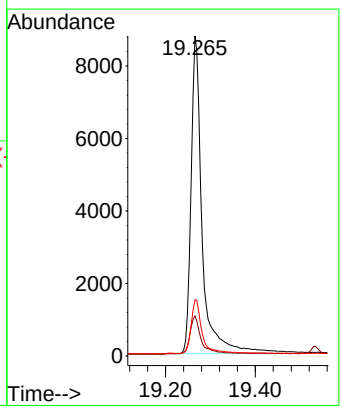


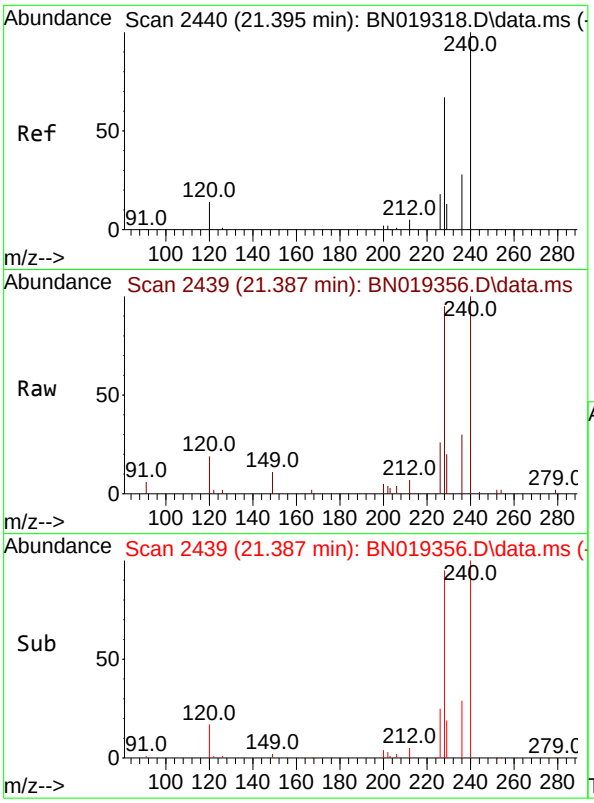


#28
Fluoranthene
Concen: 0.383 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:202 Resp: 15196

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
203	16.6	13.7	20.5



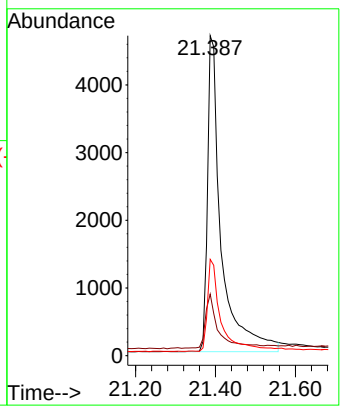


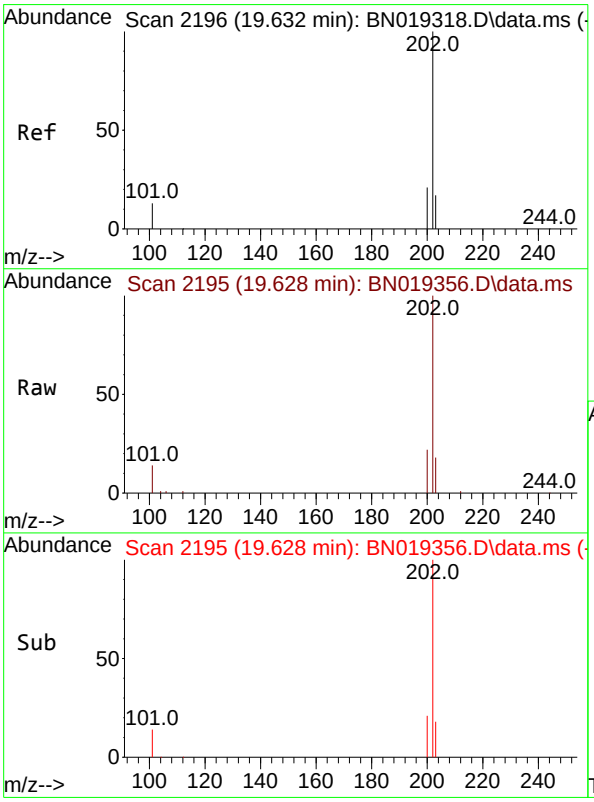
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.387 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:240 Resp: 11161

Ion	Ratio	Lower	Upper
240	100		
120	19.2	8.5	12.7#
236	30.1	22.4	33.6

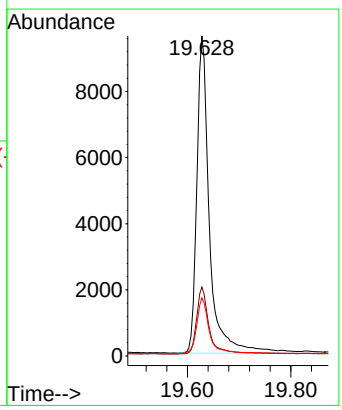


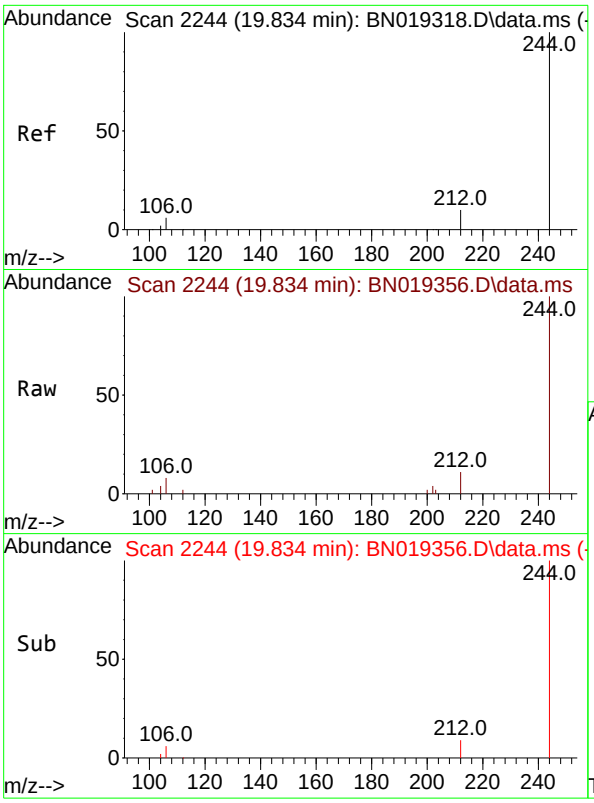


#30
Pyrene
Concen: 0.311 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:202 Resp: 16139

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.1	14.2	21.2



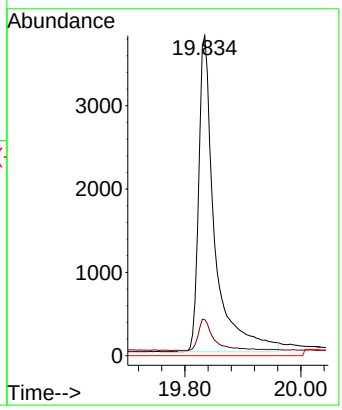


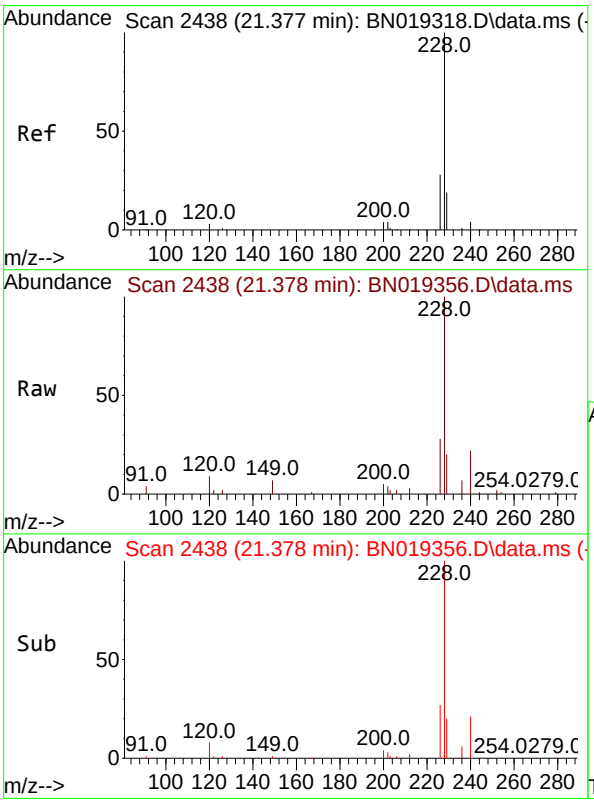
#31
Terphenyl-d14
Concen: 0.302 ng
RT: 19.834 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:244 Resp: 7314

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.2	12.4
122	0.0	0.0	0.0

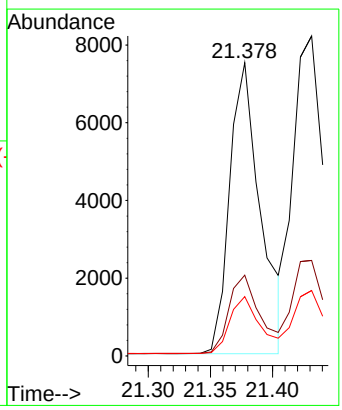


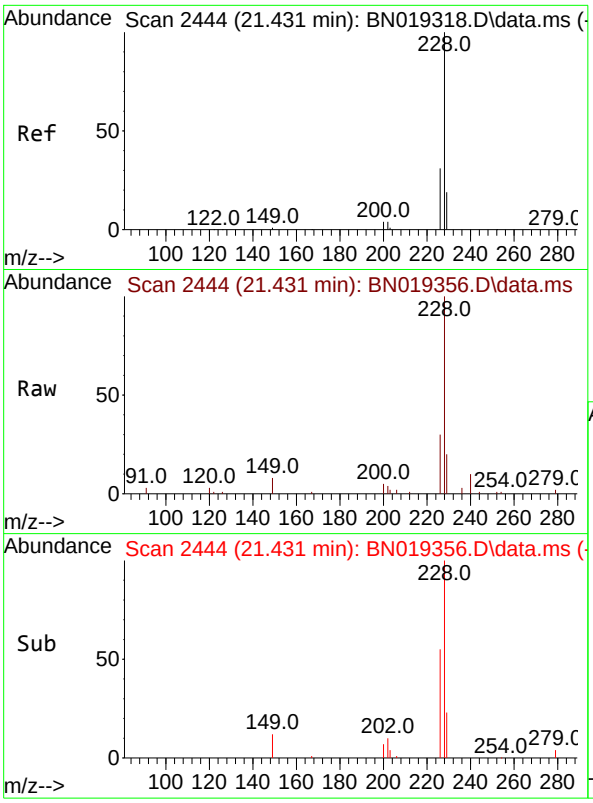


#32
Benzo(a)anthracene
Concen: 0.313 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:228 Resp: 12905

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	20.2	16.0	24.0



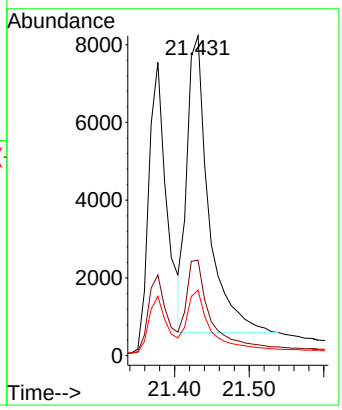


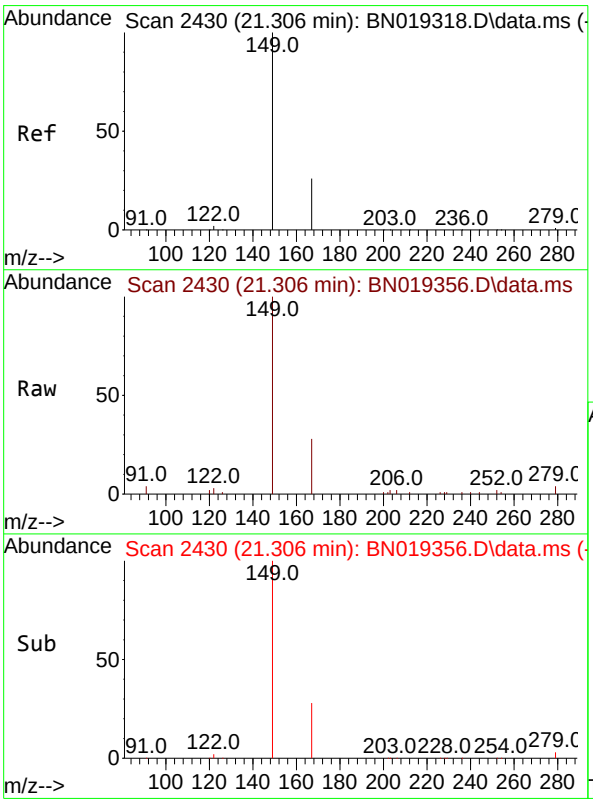
#33
Chrysene
Concen: 0.337 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:228 Resp: 15441

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.4	15.9	23.9

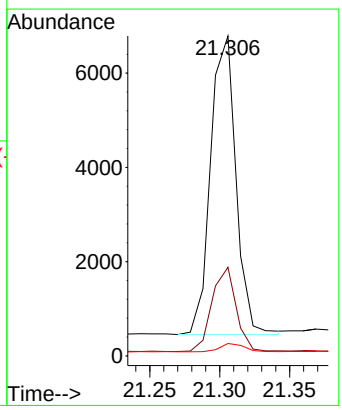


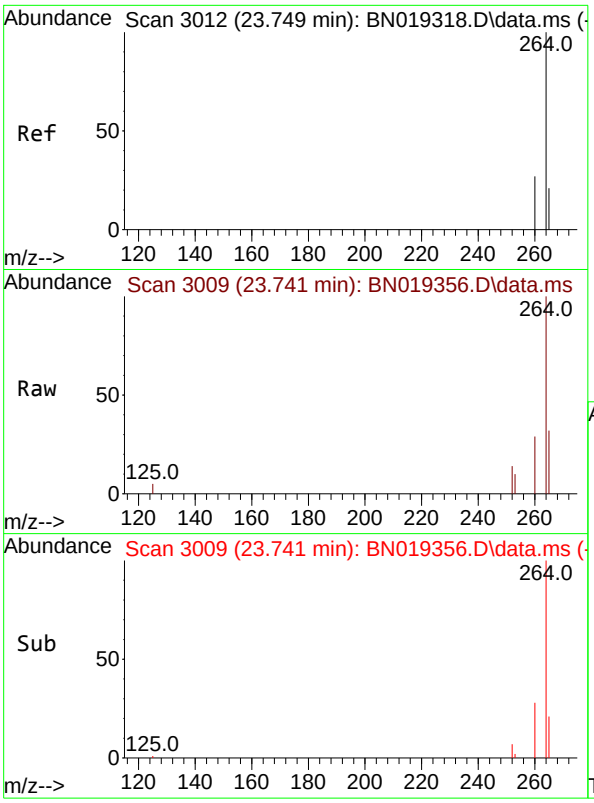


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.260 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:149 Resp: 7985

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	2.7	2.0	3.0



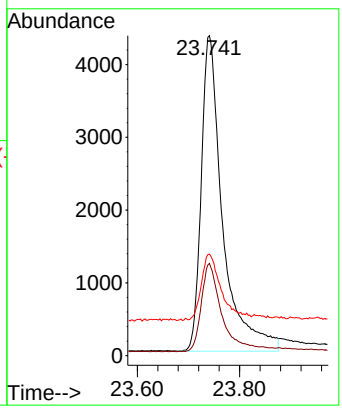


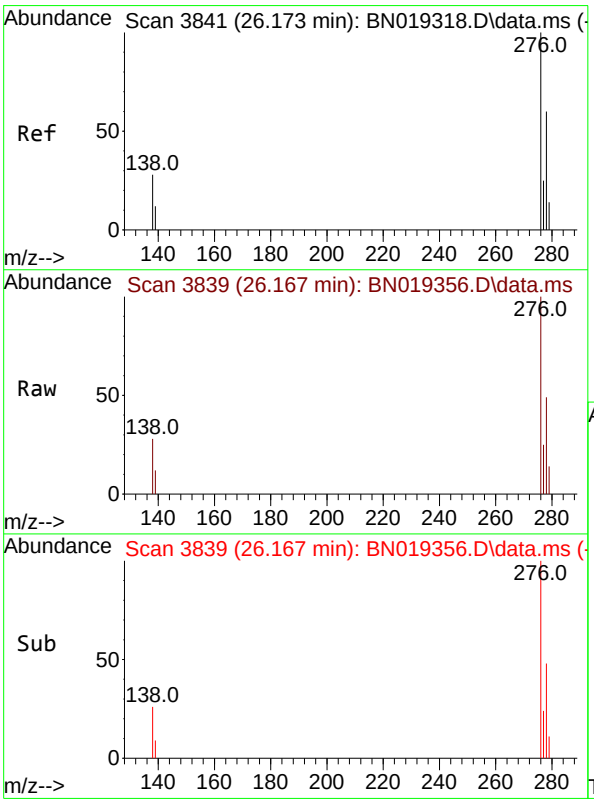
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:264 Resp: 12594

Ion	Ratio	Lower	Upper
264	100		
260	28.8	22.4	33.6
265	31.8	25.3	37.9

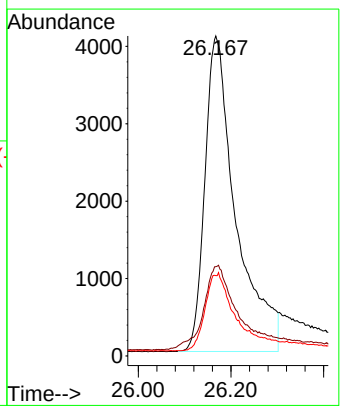


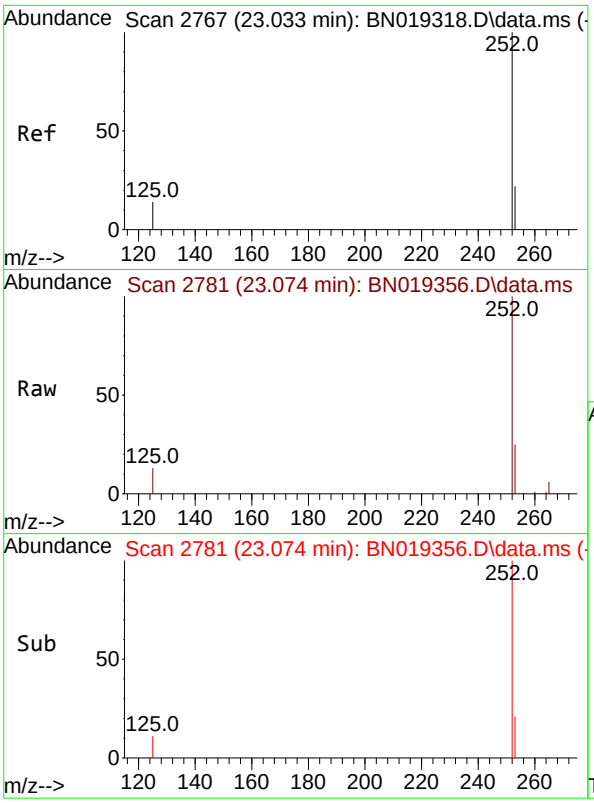


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.006 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:276 Resp: 18907

Ion	Ratio	Lower	Upper
276	100		
138	28.1	24.5	36.7
277	24.7	19.8	29.8



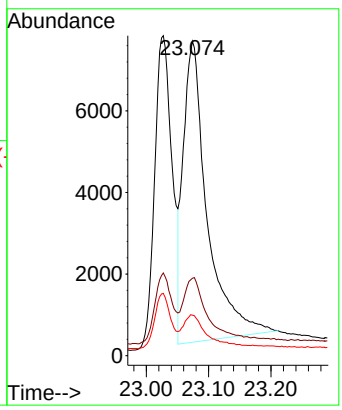


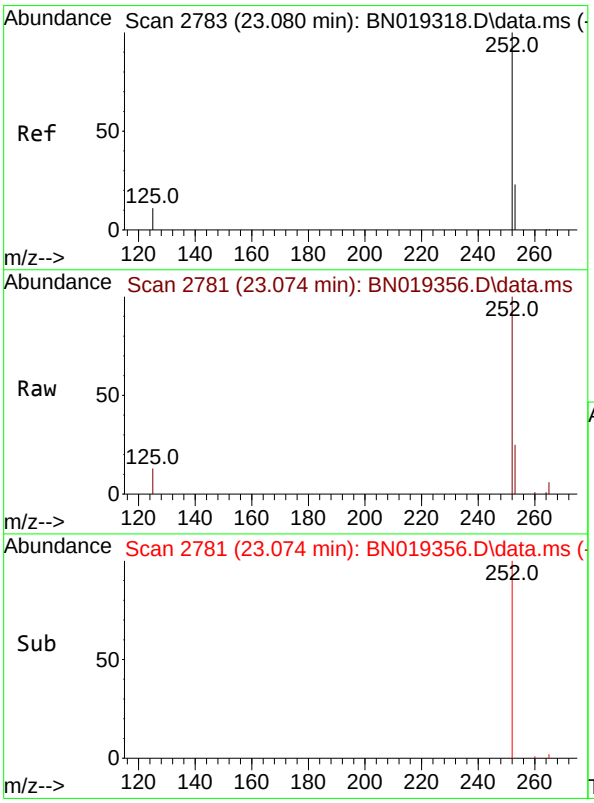
#37
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.074 min Scan# 2
Delta R.T. 0.041 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:252 Resp: 19680

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	12.9	12.1	18.1

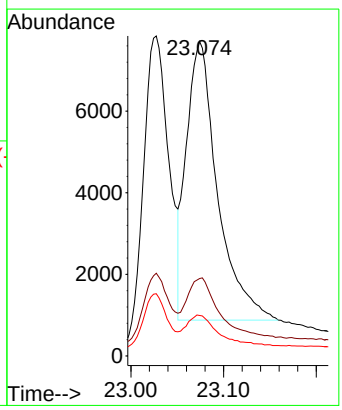


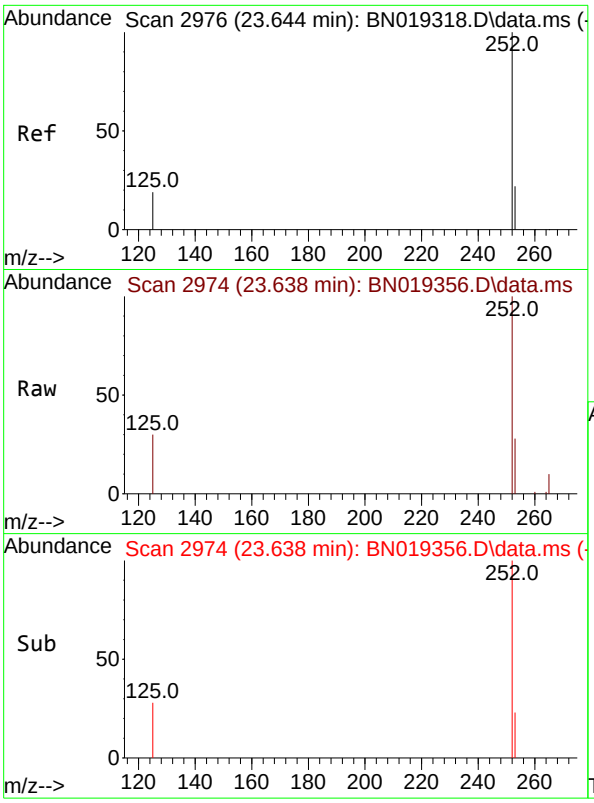


#38
Benzo(k)fluoranthene
Concen: 0.310 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:252 Resp: 15979

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	12.9	10.3	15.5



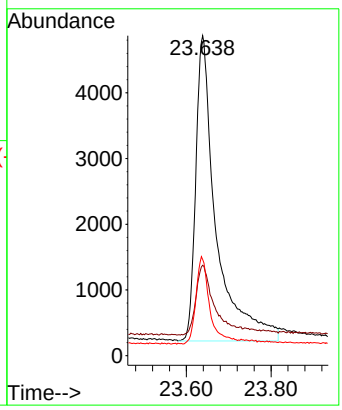


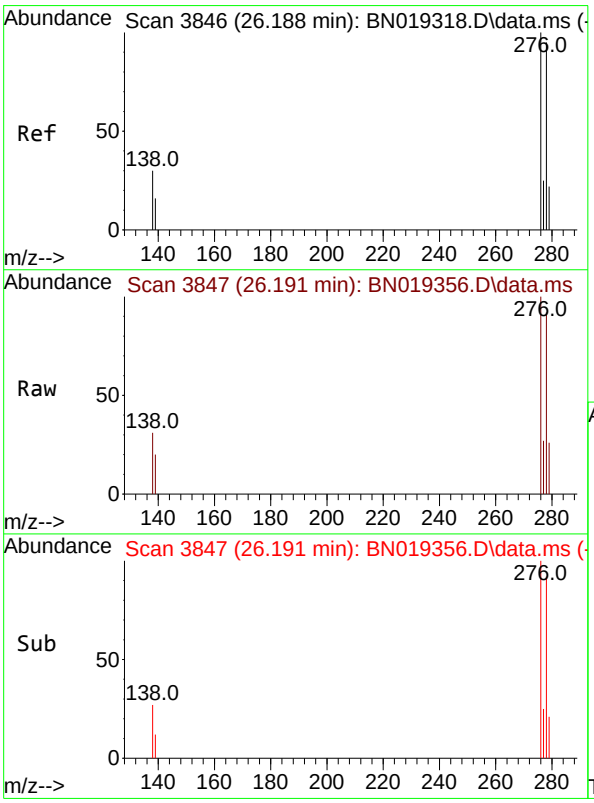
#39
Benzo(a)pyrene
Concen: 0.350 ng
RT: 23.638 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:252 Resp: 15531

Ion	Ratio	Lower	Upper
252	100		
253	28.3	20.1	30.1
125	30.0	15.2	22.8#

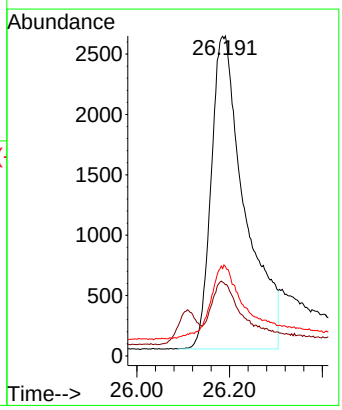


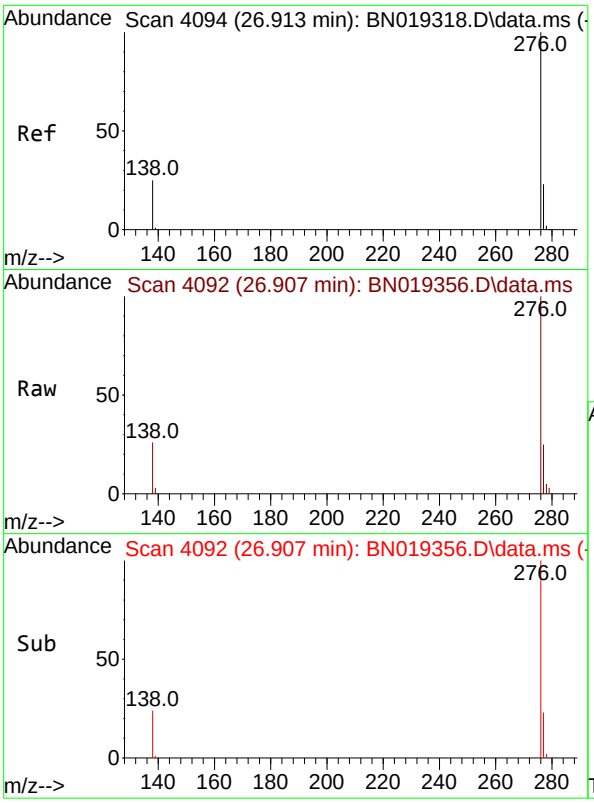


#40
Dibenzo(a,h)anthracene
Concen: 0.320 ng
RT: 26.191 min Scan# 3847
Delta R.T. 0.003 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Tgt Ion:278 Resp: 13035

Ion	Ratio	Lower	Upper
278	100		
139	22.2	17.2	25.8
279	28.0	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.907 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019356.D
Acq: 05 Apr 2022 18:53

Instrument :
BNA_N
ClientSampleId :
PB143891BS

Tgt Ion:276 Resp: 18668

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	25.9	21.0	31.6