Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019207.D
Acq On : 28 Mar 2022 22:22
Operator : CG/JU
Sample : N2107-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SS2MS

Quant Time: Mar 29 06:24:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	3522	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	9427	0.400	ng	#	0.00
13) Acenaphthene-d10	14.484	164	5302	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	10477	0.400	ng		0.00
29) Chrysene-d12	21.413	240	8122	0.400	ng	#	0.00
35) Perylene-d12	23.779	264	6843	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2395	0.288	ng		0.00
5) Phenol-d6	7.009	99	2676	0.281	ng		0.00
8) Nitrobenzene-d5	9.003	82	2012	0.275	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	5783	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	537	0.208	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	7358	0.330	ng		0.00
27) Fluoranthene-d10	19.257	212	11617	0.379	ng		0.00
31) Terphenyl-d14	19.851	244	6100	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1275	0.272	ng	#	80
3) n-Nitrosodimethylamine	3.564	42	1924	0.367	ng	#	96
6) bis(2-Chloroethyl)ether	7.262	93	3847	0.374	ng		96
9) Naphthalene	10.690	128	11708	0.441	ng		98
10) Hexachlorobutadiene	10.989	225	2531	0.425	ng	#	100
12) 2-Methylnaphthalene	12.314	142	7224	0.414	ng		99
16) Acenaphthylene	14.196	152	10522	0.435	ng		99
17) Acenaphthene	14.538	154	7430	0.433	ng		99
18) Fluorene	15.532	166	9179	0.421	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	385	0.226	ng	#	59
21) 4-Bromophenyl-phenylether	16.415	248	2920	0.429	ng	#	85
22) Hexachlorobenzene	16.538	284	3578	0.444	ng		100
23) Atrazine	16.682	200	1745	0.370	ng		98
24) Pentachlorophenol	16.887	266	774	0.268	ng		97
25) Phenanthrene	17.267	178	22076	0.657	ng		100
26) Anthracene	17.359	178	12818	0.460	ng		99
28) Fluoranthene	19.286	202	27633	0.728	ng		99
30) Pyrene	19.649	202	26022	0.678	ng		99
32) Benzo(a)anthracene	21.395	228	14992	0.575	ng		99
33) Chrysene	21.449	228	18318	0.548	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	8410	0.529	ng		100
36) Indeno(1,2,3-cd)pyrene	26.220	276	12884	0.471	ng		95
37) Benzo(b)fluoranthene	23.059	252	15429	0.594	ng		96
38) Benzo(k)fluoranthene	23.103	252	14185	0.430	ng		94
39) Benzo(a)pyrene	23.676	252	13941	0.626	ng		96
40) Dibenzo(a,h)anthracene	26.243	278	9751	0.473	ng	#	91
41) Benzo(g,h,i)perylene	26.968	276	15203	0.540	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
Data File : BN019207.D
Acq On : 28 Mar 2022 22:22
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Mar 29 06:24:49 2022
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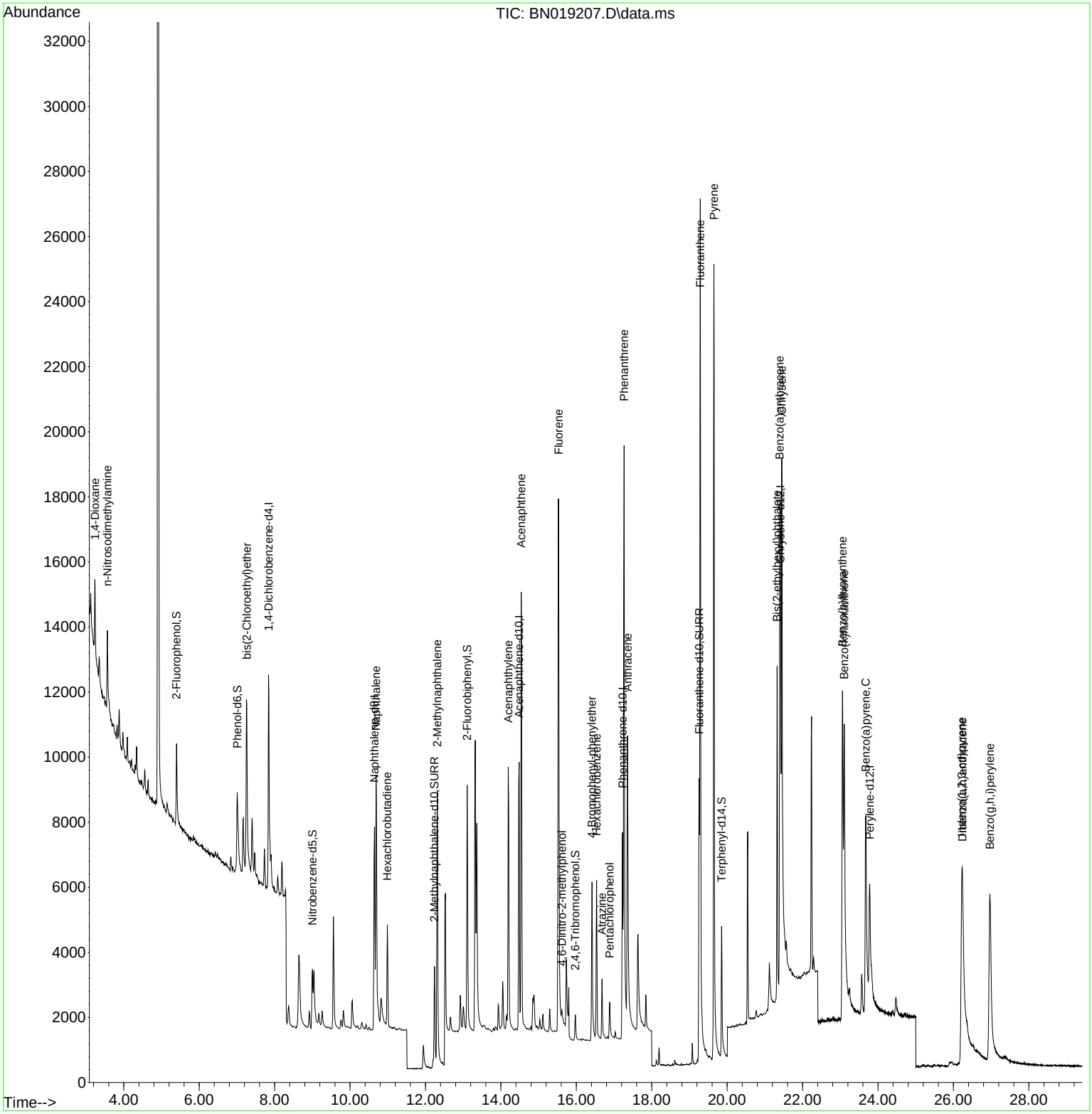
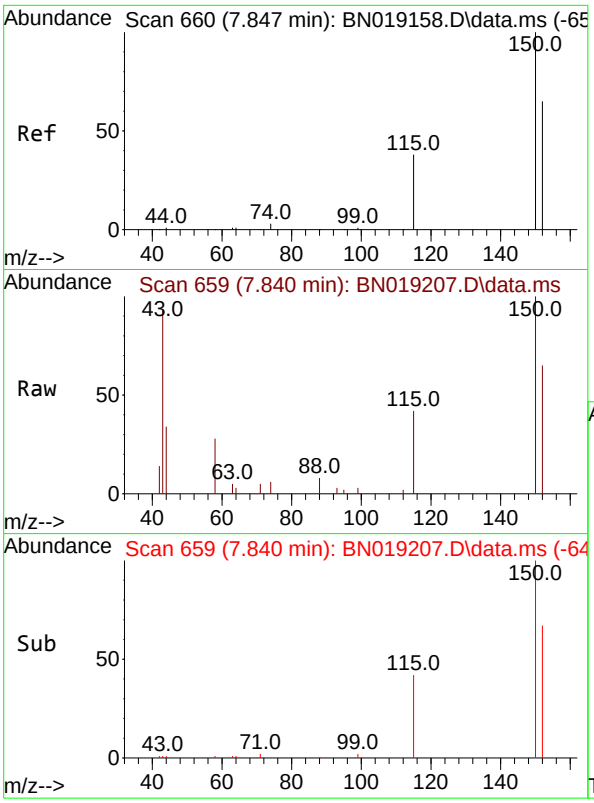
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration



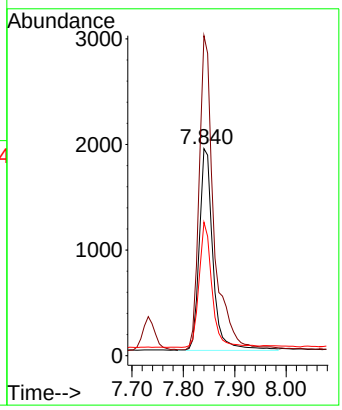


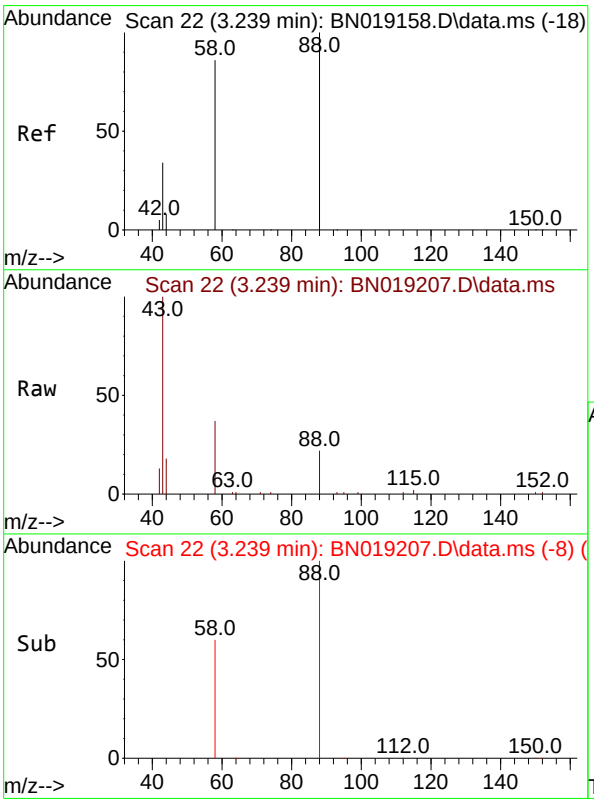
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:152 Resp: 3522

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.9	185.9
115	64.4	48.2	72.4

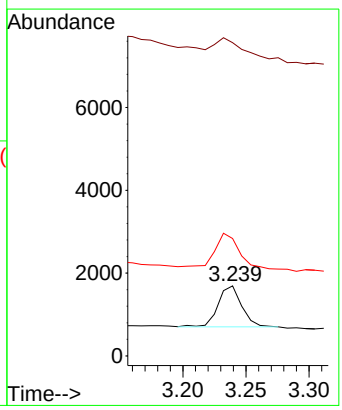


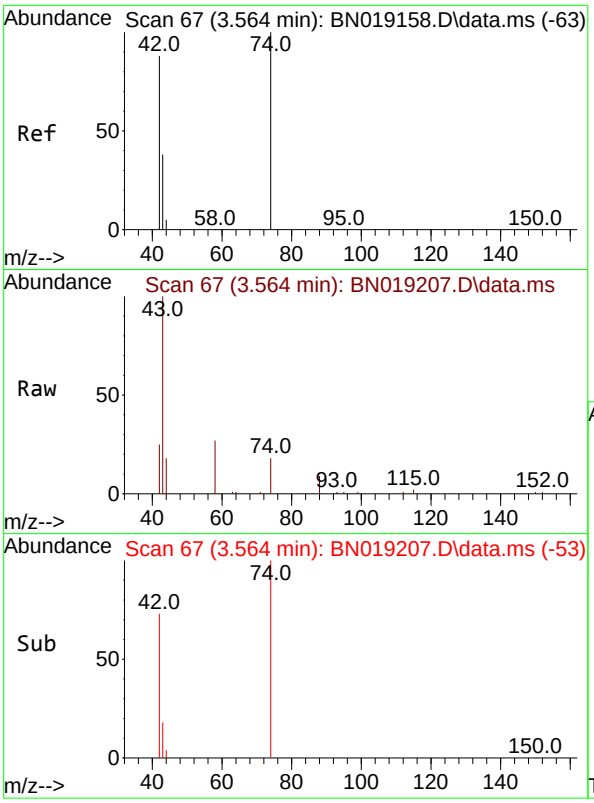


#2
1,4-Dioxane
Concen: 0.272 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion: 88 Resp: 1275

Ion	Ratio	Lower	Upper
88	100		
43	57.3	24.6	37.0#
58	90.6	65.4	98.2



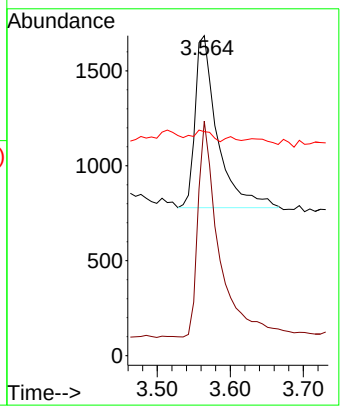


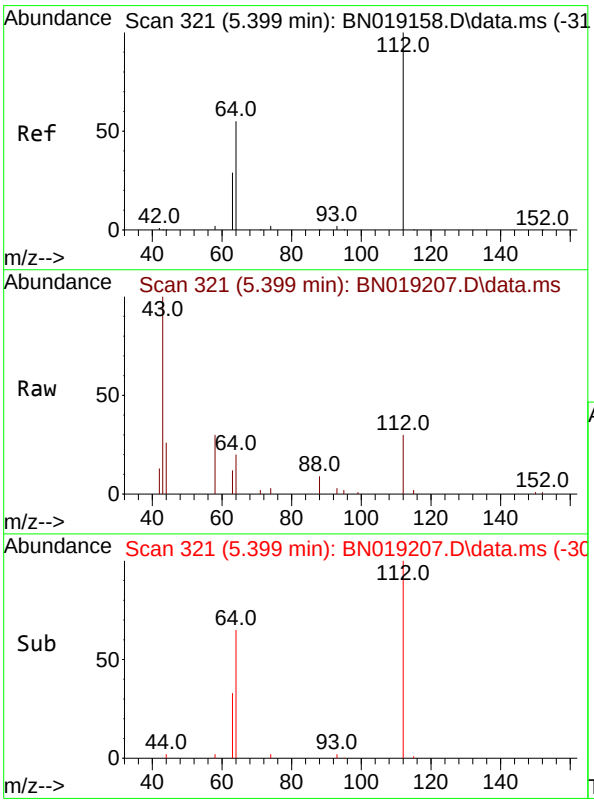
#3
n-Nitrosodimethylamine
Concen: 0.367 ng
RT: 3.564 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion: 42 Resp: 1924

Ion	Ratio	Lower	Upper
42	100		
74	117.5	96.9	145.3
44	5.6	7.3	10.9#

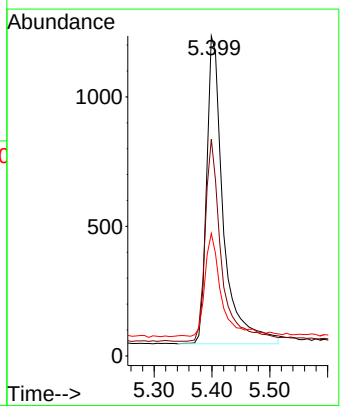


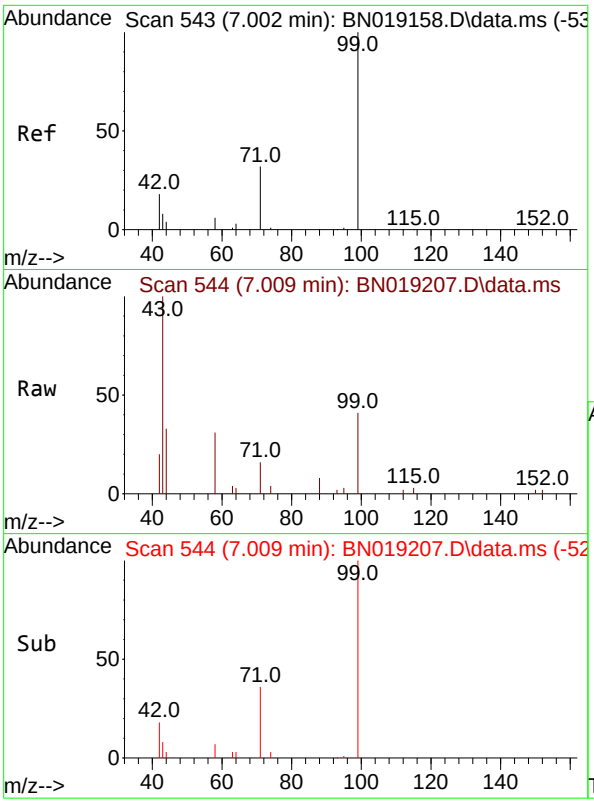


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:112 Resp: 2395

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.8	71.8
63	33.2	25.7	38.5



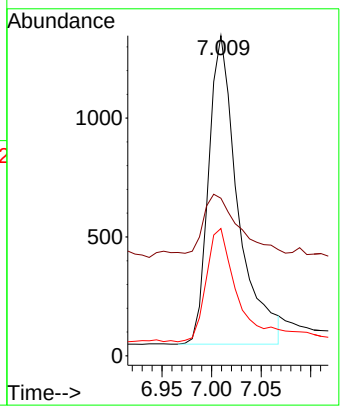


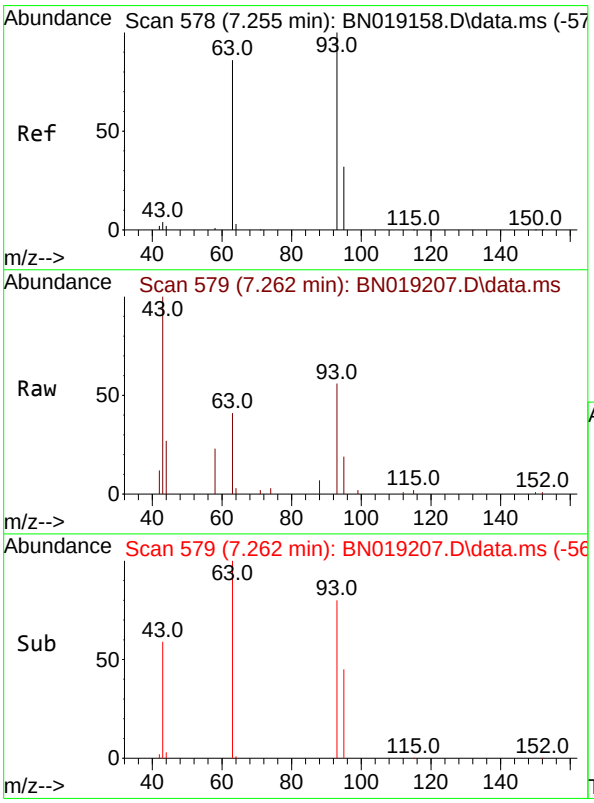
#5
Phenol-d6
Concen: 0.281 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion: 99 Resp: 2676

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.2	24.4
71	38.1	27.7	41.5

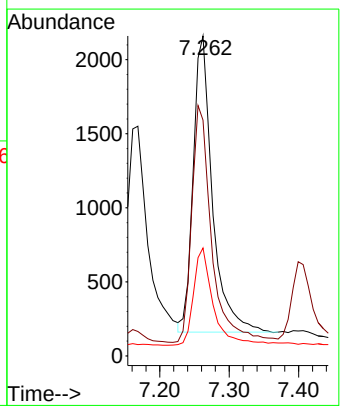


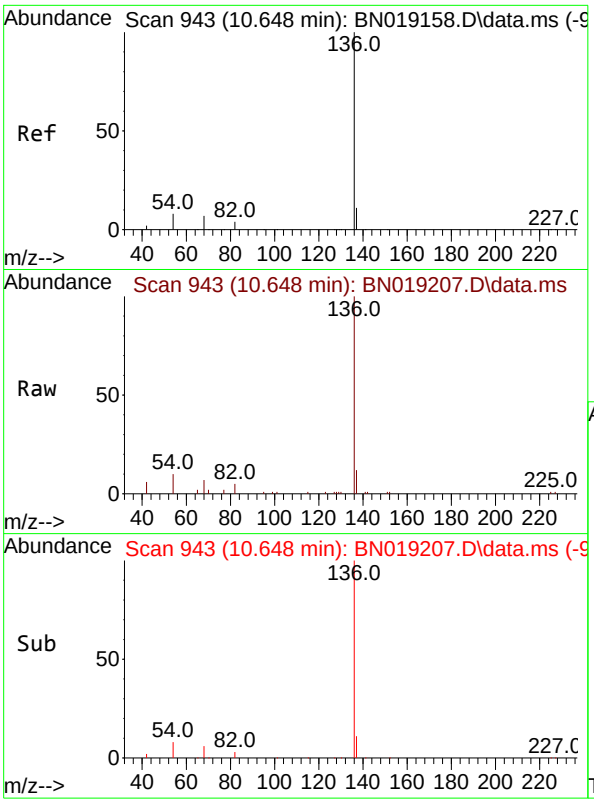


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.262 min Scan# 579
Delta R.T. 0.007 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion: 93 Resp: 3847

Ion	Ratio	Lower	Upper
93	100		
63	82.6	62.8	94.2
95	34.7	26.2	39.4



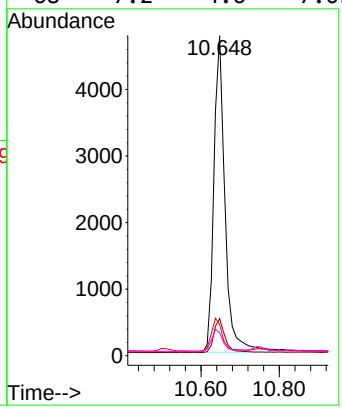


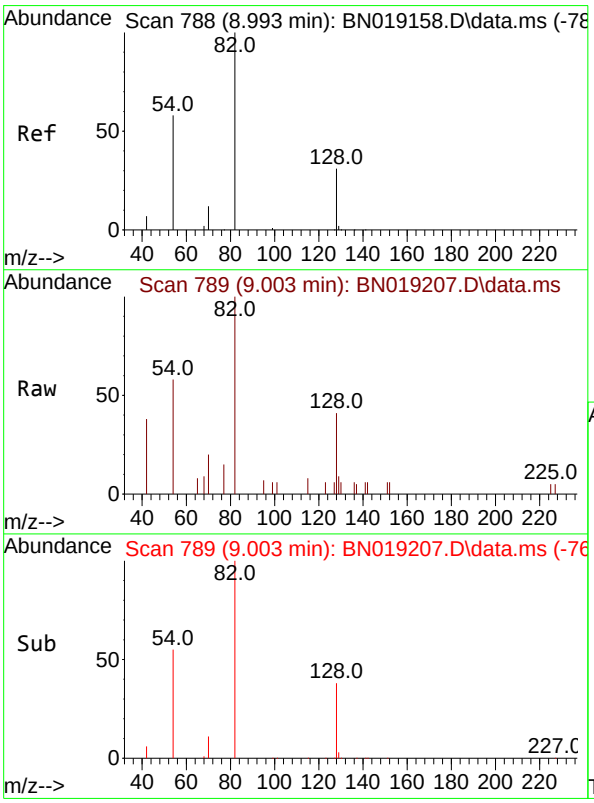
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:136 Resp: 9427

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	9.7	5.8	8.6#
68	7.2	4.6	7.0#

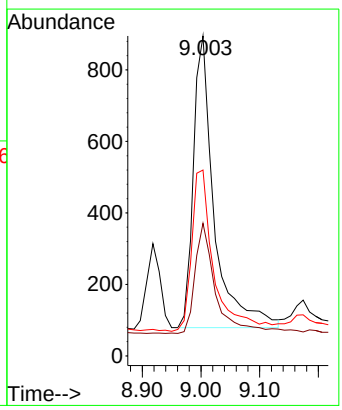


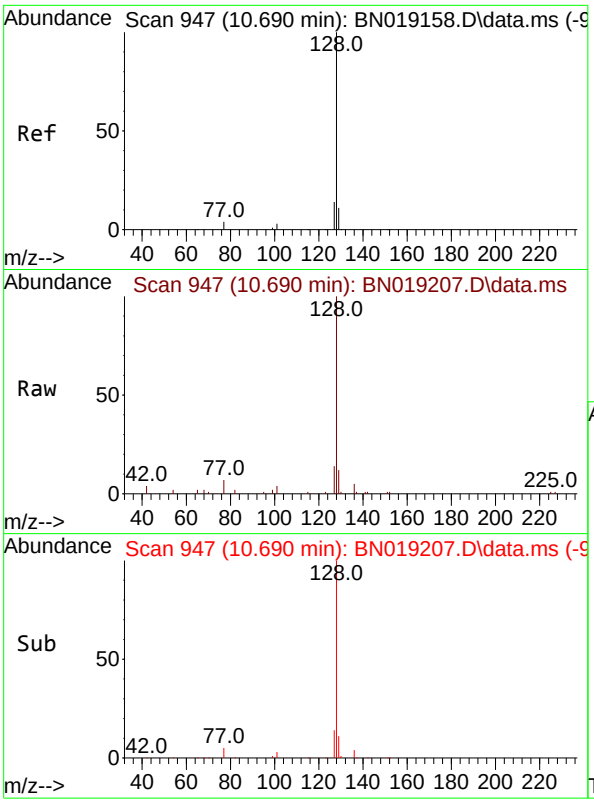


#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.011 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion: 82 Resp: 2012

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.6
54	58.1	42.5	63.7



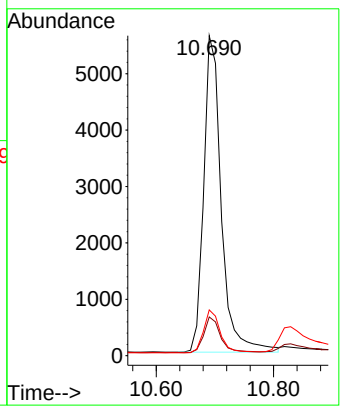


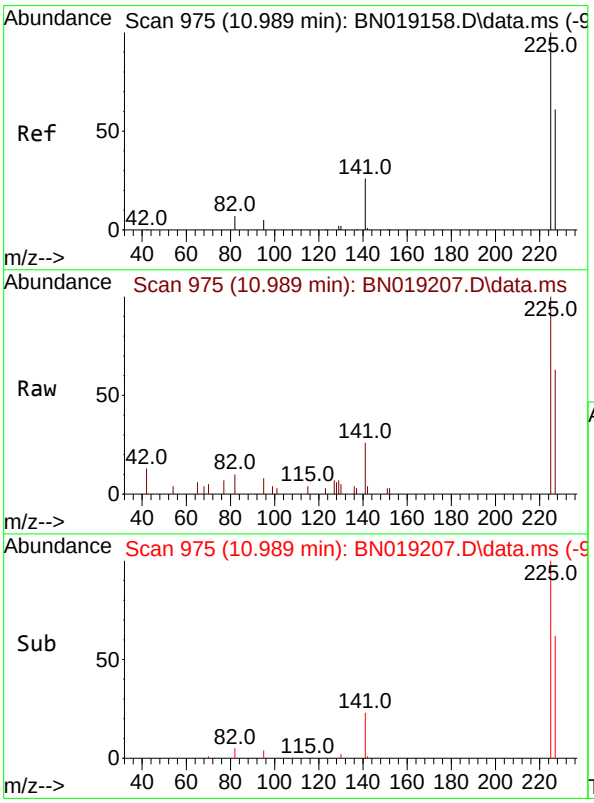
#9
Naphthalene
Concen: 0.441 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:128 Resp: 11708

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	14.3	10.7	16.1

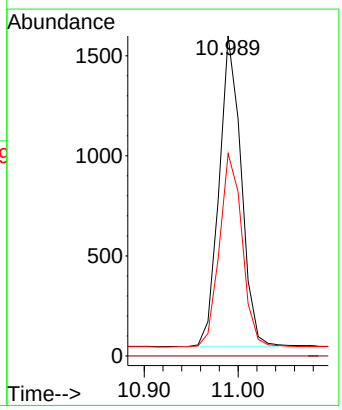


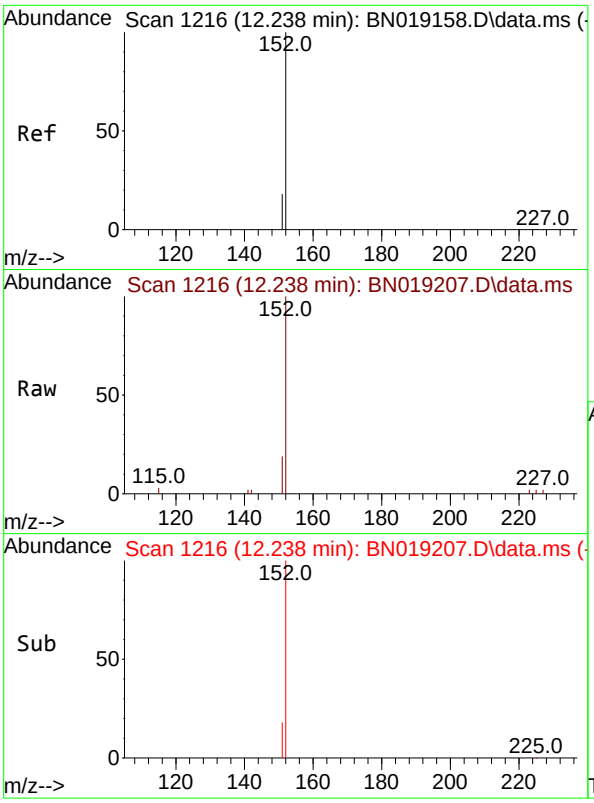


#10
Hexachlorobutadiene
Concen: 0.425 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:225 Resp: 2531

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.6



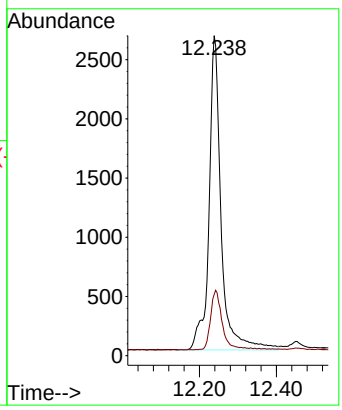


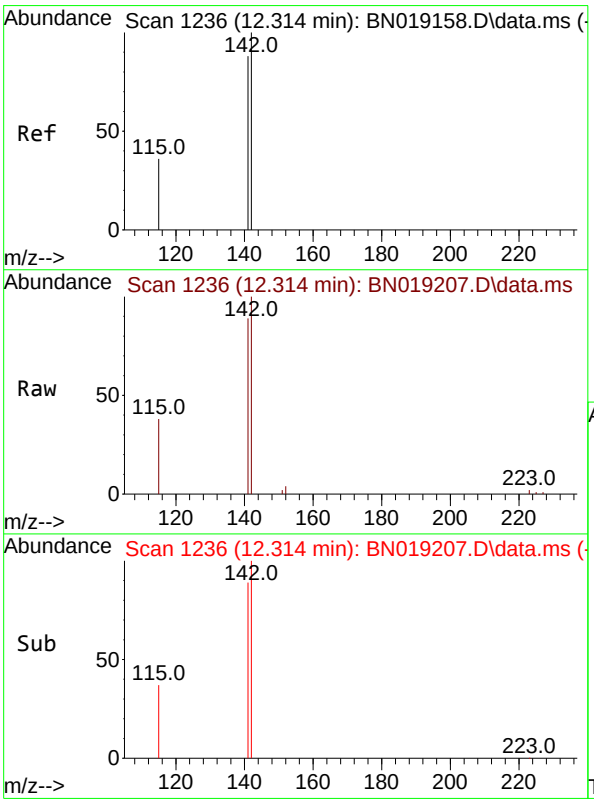
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:152 Resp: 5783

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.5	24.7

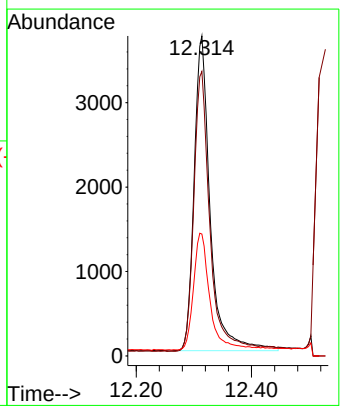


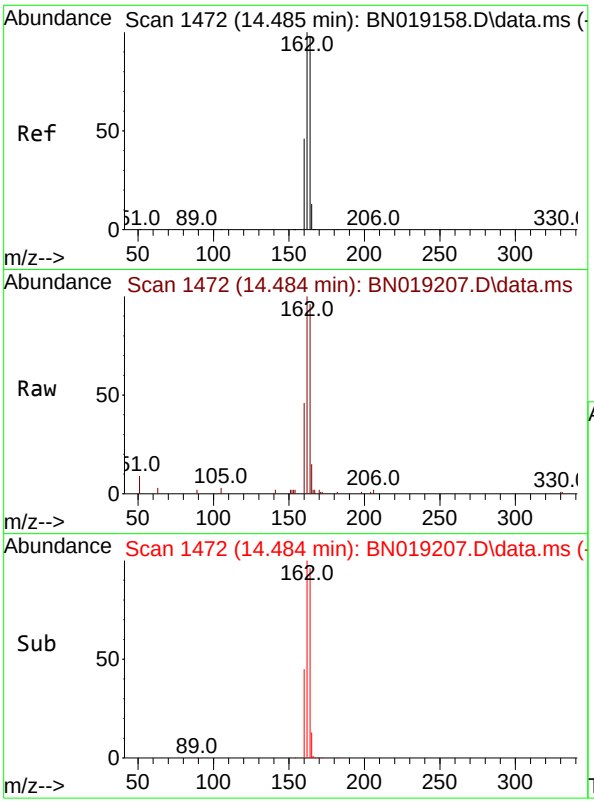


#12
2-Methylnaphthalene
Concen: 0.414 ng
RT: 12.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:142 Resp: 7224

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.0	105.0
115	38.1	29.8	44.8



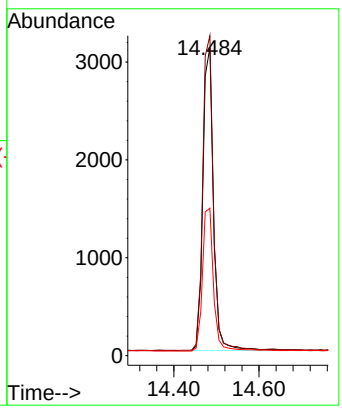


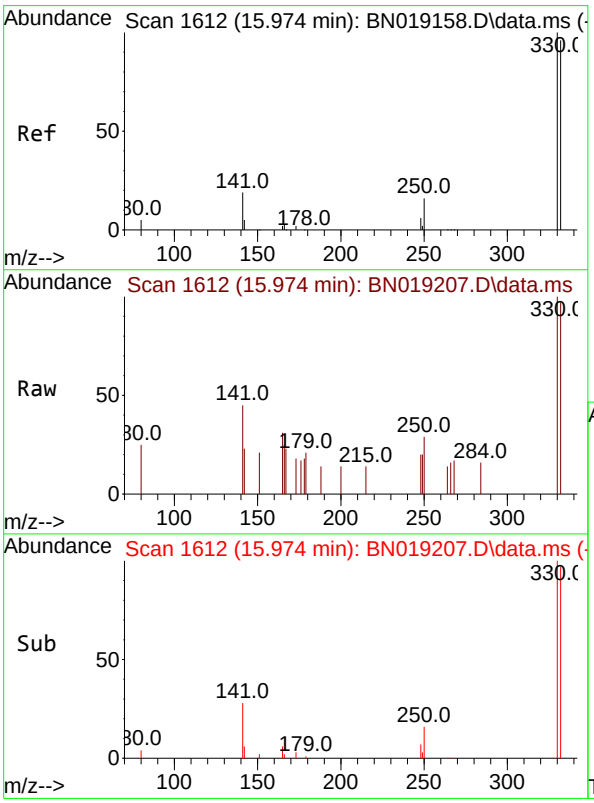
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:164 Resp: 5302

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.2	127.8
160	47.9	41.5	62.3

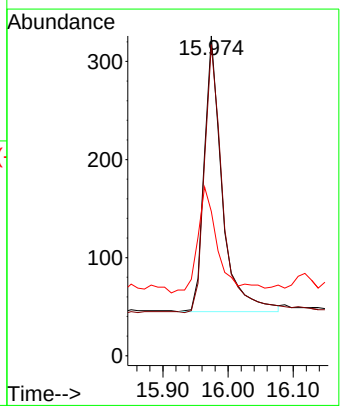


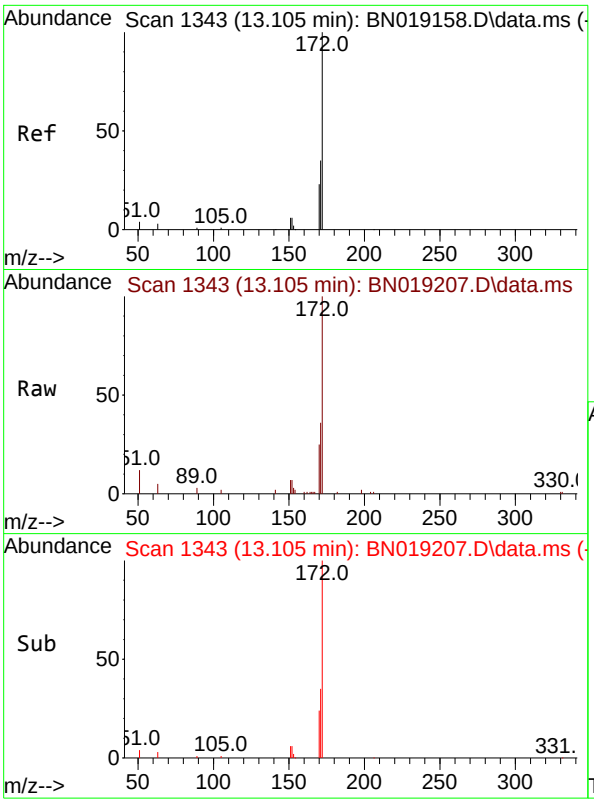


#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:330 Resp: 537

Ion	Ratio	Lower	Upper
330	100		
332	100.6	76.8	115.2
141	44.1	32.2	48.2



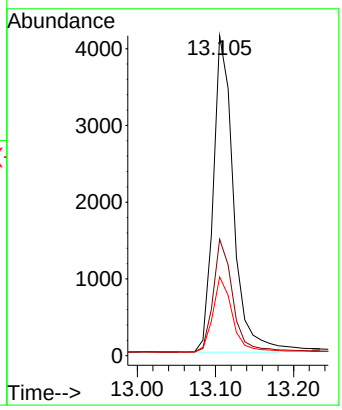


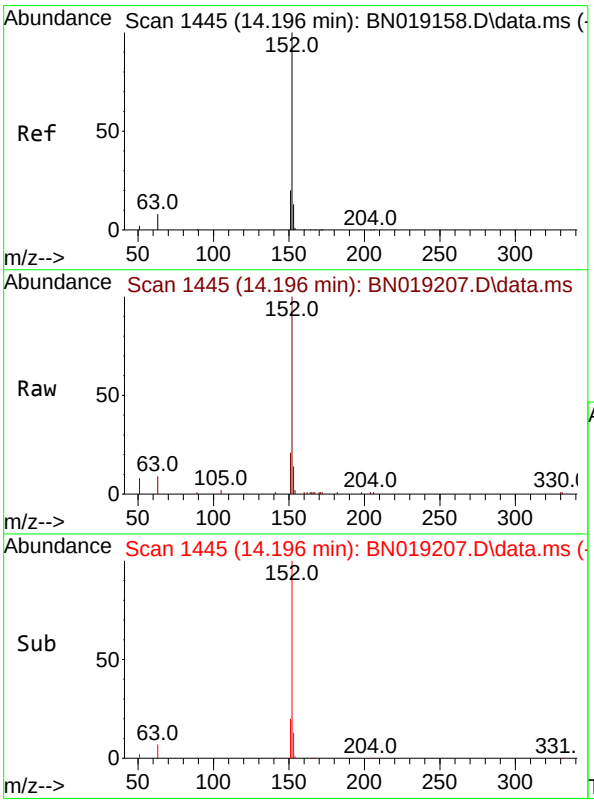
#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:172 Resp: 7358

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.2	42.2
170	24.6	18.7	28.1

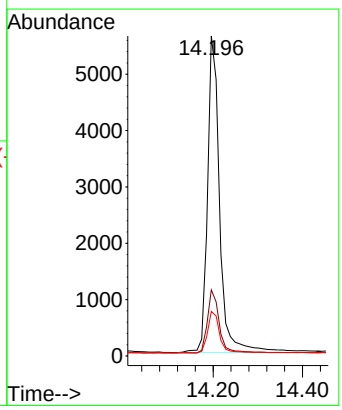


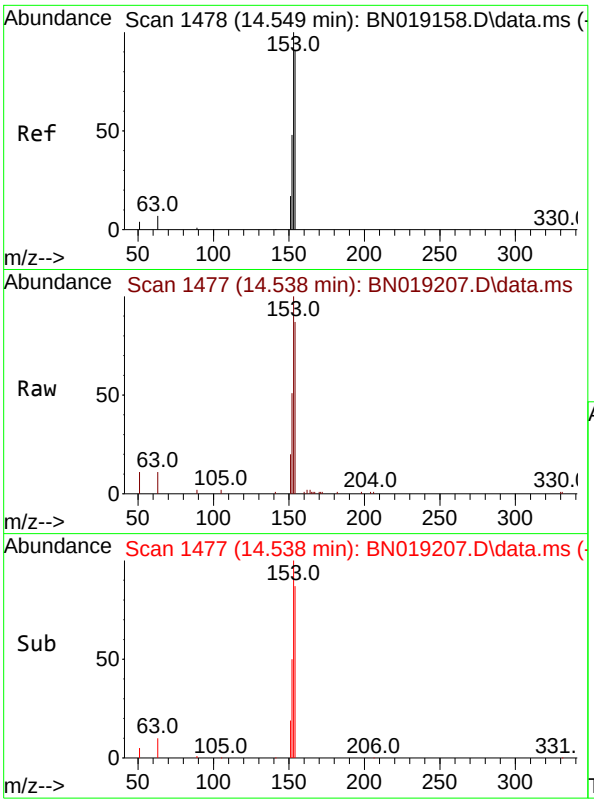


#16
Acenaphthylene
Concen: 0.435 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:152 Resp: 10522

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	12.9	10.6	15.8



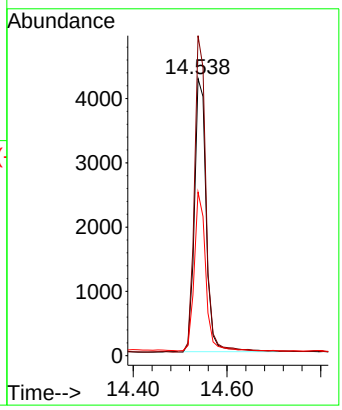


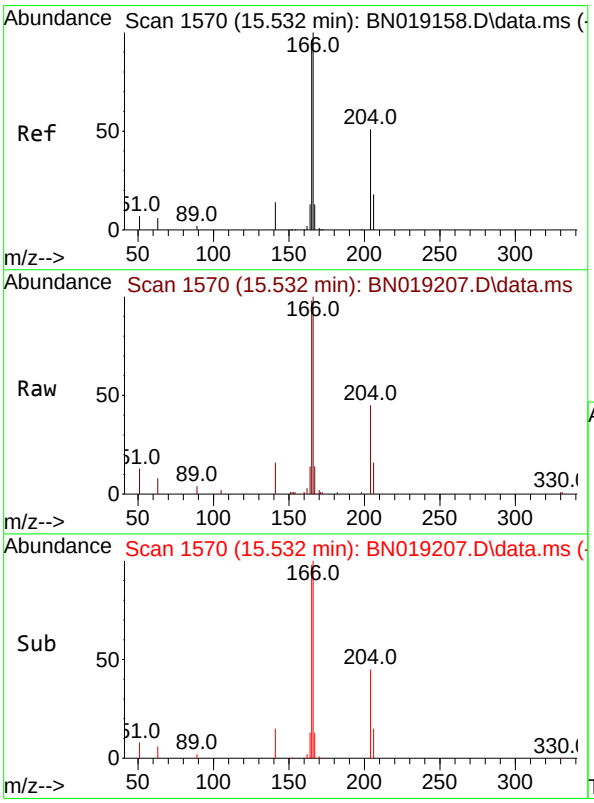
#17
Acenaphthene
Concen: 0.433 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:154 Resp: 7430

Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.7	134.5
152	56.0	44.7	67.1

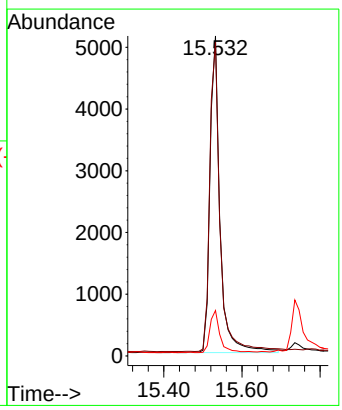


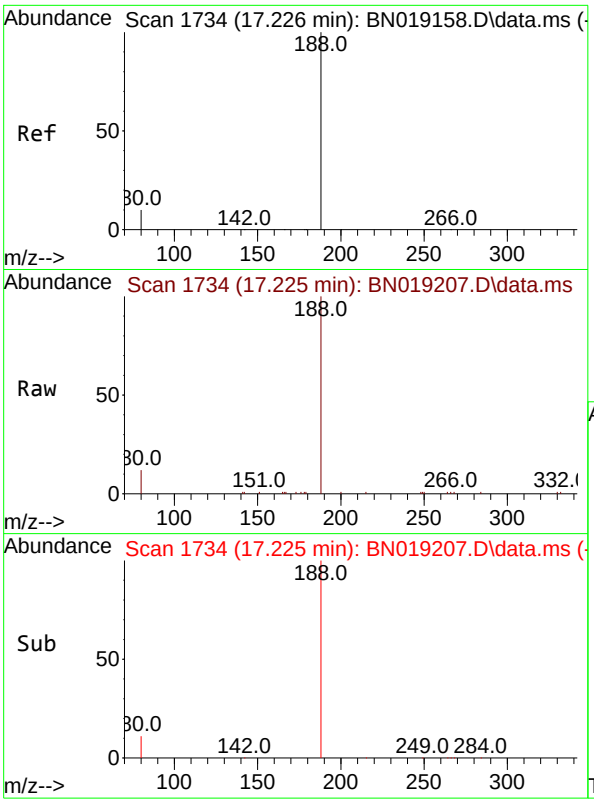


#18
Fluorene
Concen: 0.421 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:166 Resp: 9179

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.2	118.8
167	13.6	10.7	16.1



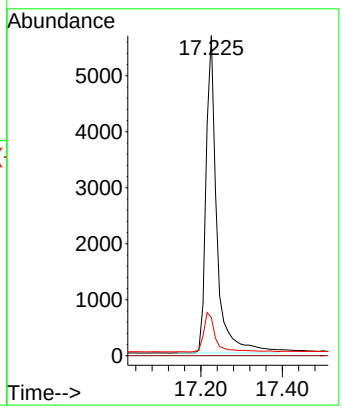


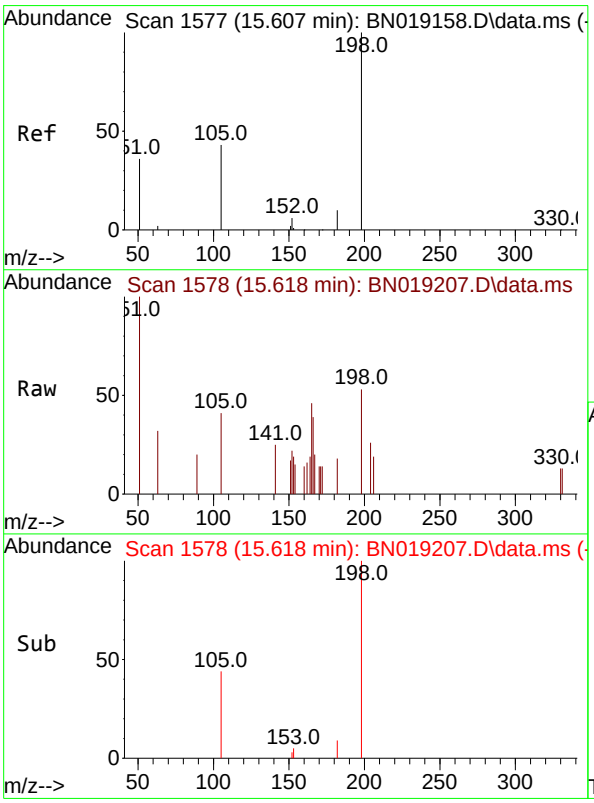
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:188 Resp: 10477

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	11.8	17.8

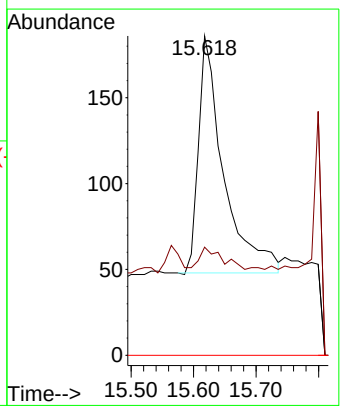


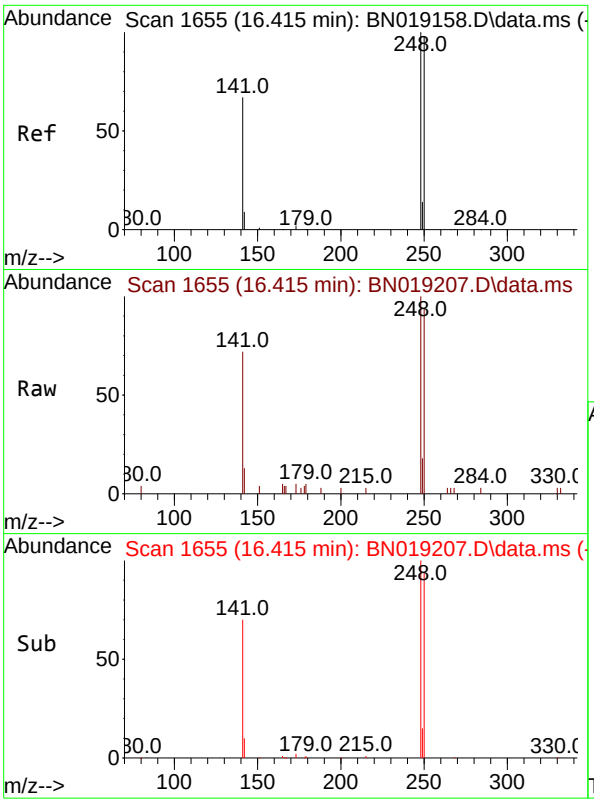


#20
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 15.618 min Scan# 1578
Delta R.T. 0.011 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:198 Resp: 385

Ion	Ratio	Lower	Upper
198	100		
182	33.9	13.0	19.4#
77	0.0	0.0	0.0



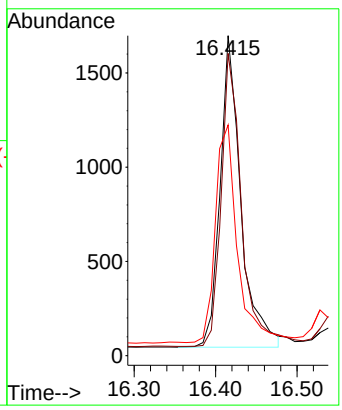


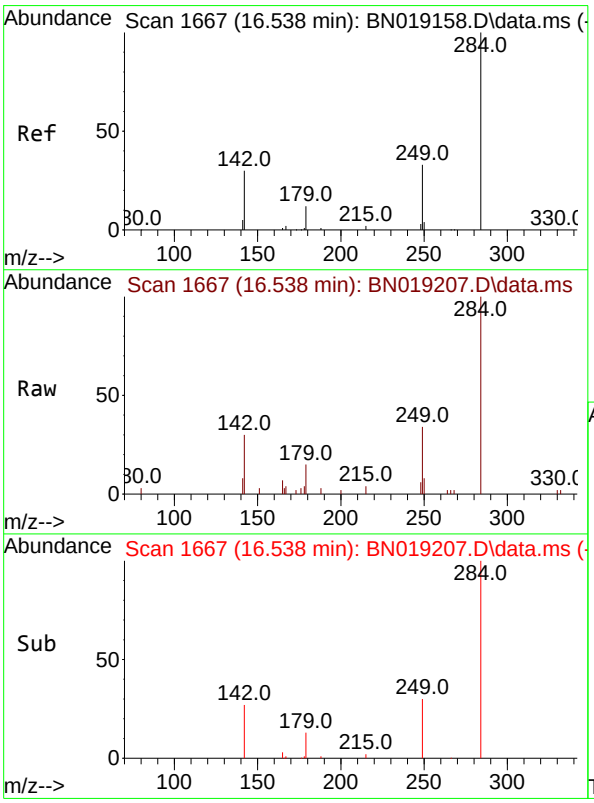
#21
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:248 Resp: 2920

Ion	Ratio	Lower	Upper
248	100		
250	94.5	80.7	121.1
141	72.1	39.6	59.4#

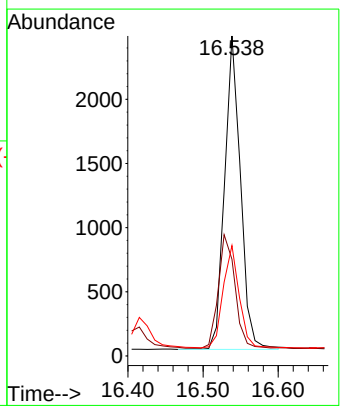


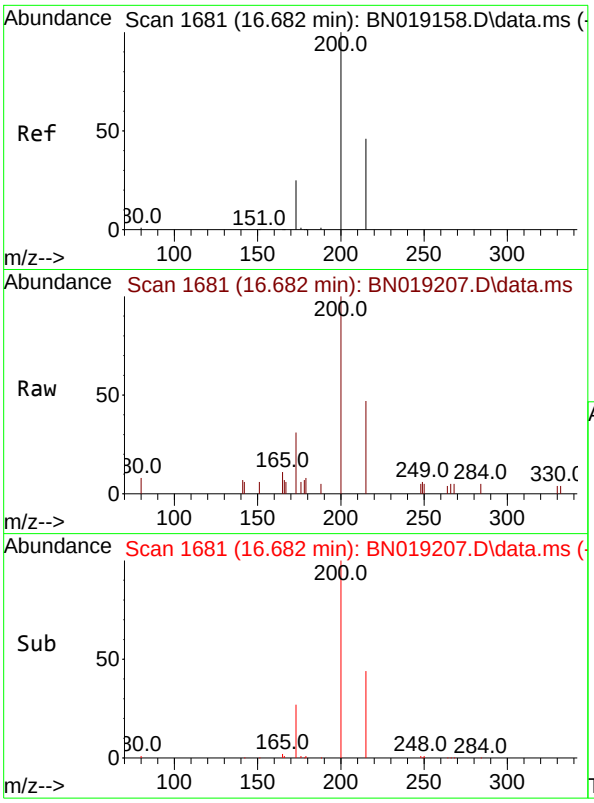


#22
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.538 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:284 Resp: 3578

Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.8	44.8
249	32.8	26.2	39.2



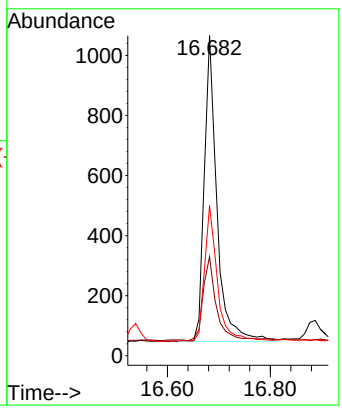


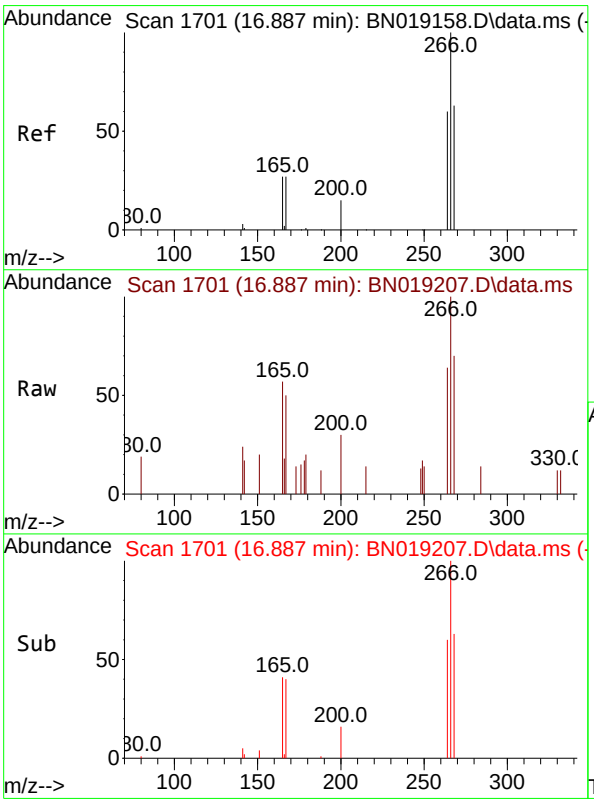
#23
Atrazine
Concen: 0.370 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:200 Resp: 1745

Ion	Ratio	Lower	Upper
200	100		
173	31.0	23.9	35.9
215	46.9	36.6	54.8

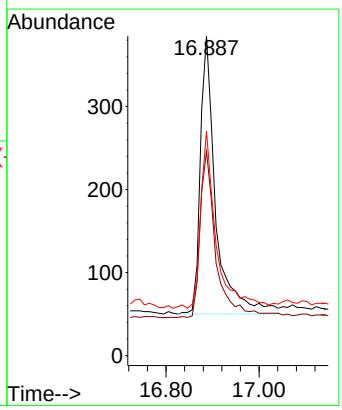


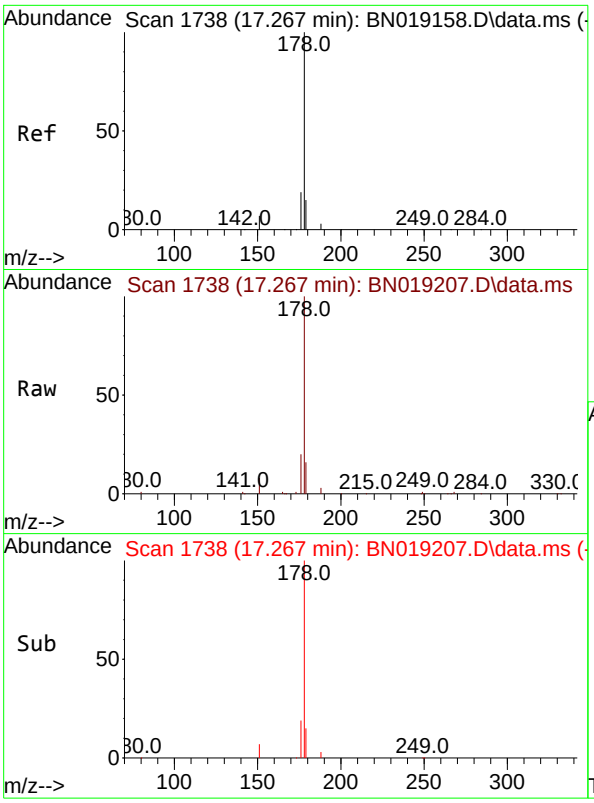


#24
Pentachlorophenol
Concen: 0.268 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:266 Resp: 774

Ion	Ratio	Lower	Upper
266	100		
264	59.8	50.2	75.4
268	63.3	51.9	77.9



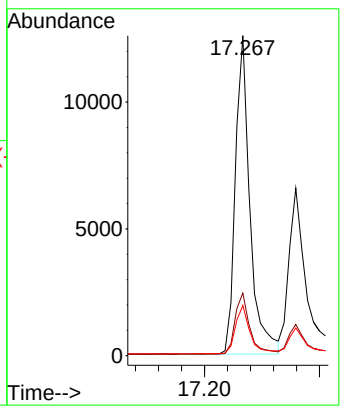


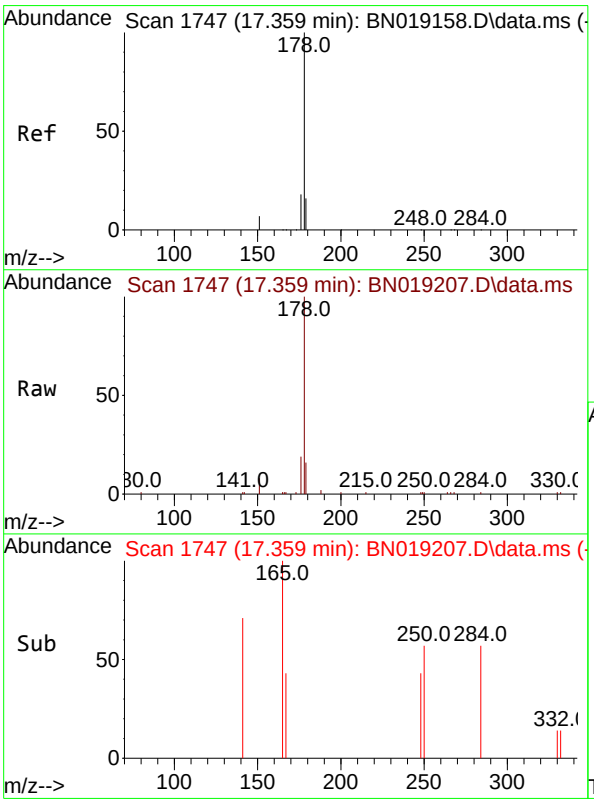
#25
Phenanthrene
Concen: 0.657 ng
RT: 17.267 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:178 Resp: 22076

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.2	18.2

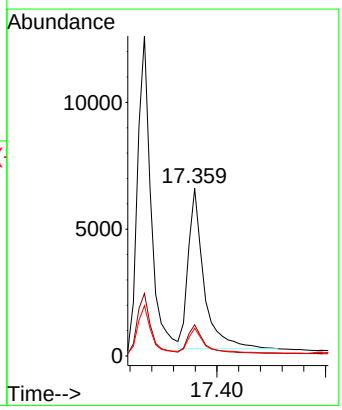


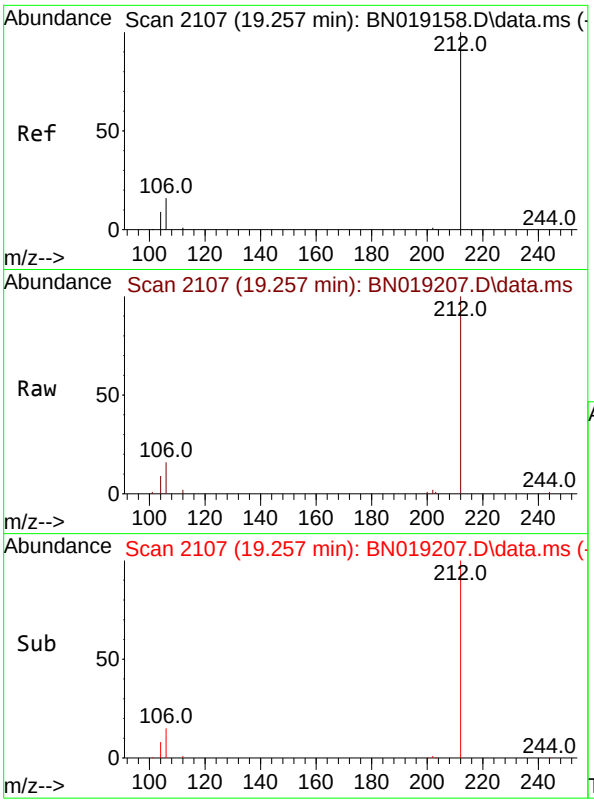


#26
Anthracene
Concen: 0.460 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:178 Resp: 12818

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.7	12.2	18.4



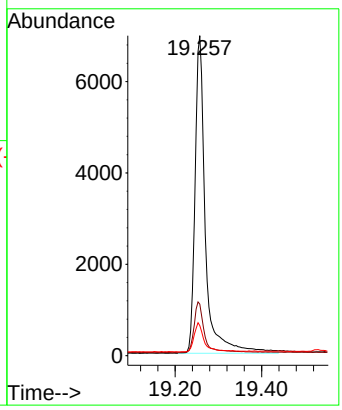


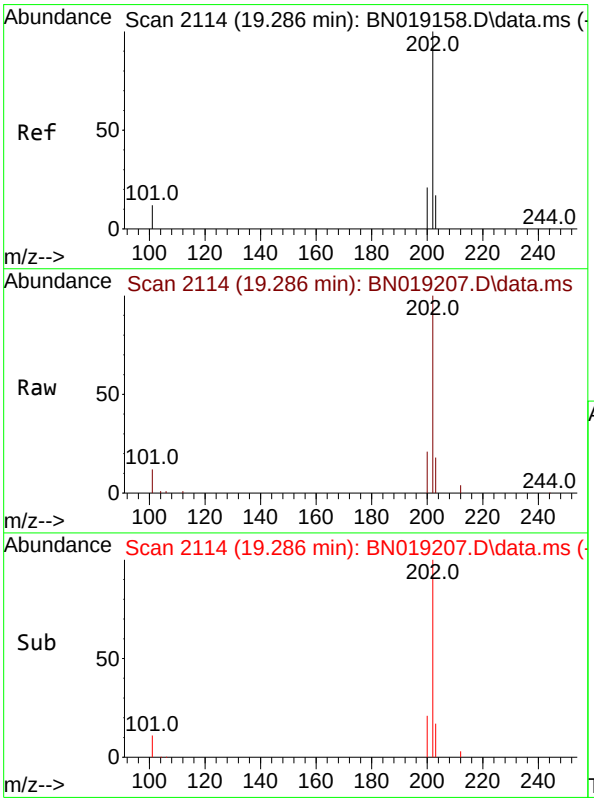
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:212 Resp: 11617

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.7	19.1
104	9.0	7.1	10.7

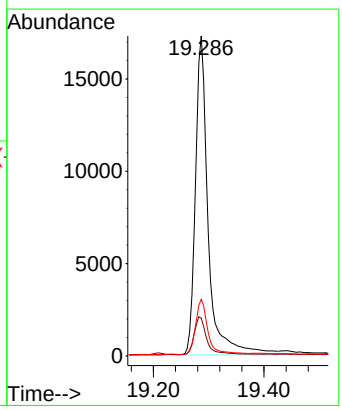


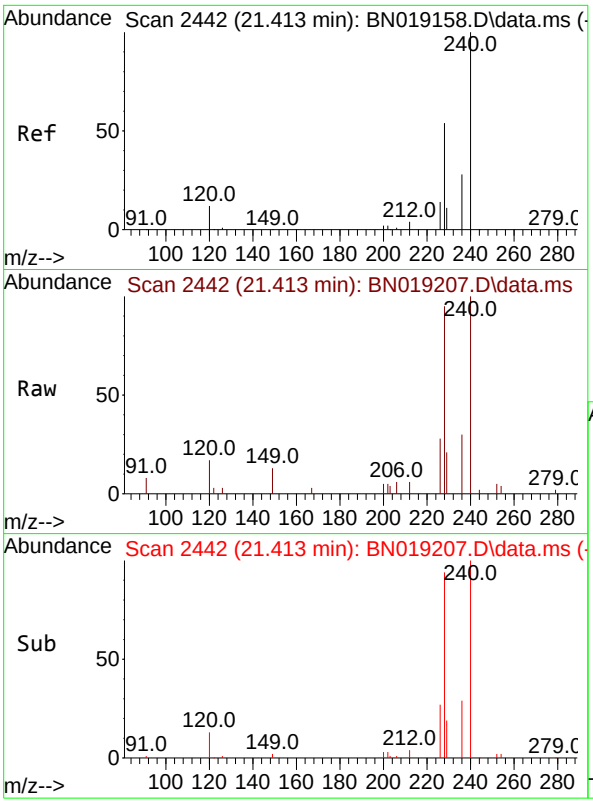


#28
Fluoranthene
Concen: 0.728 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:202 Resp: 27633

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	16.7	13.7	20.5



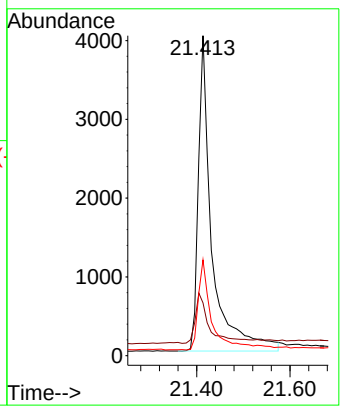


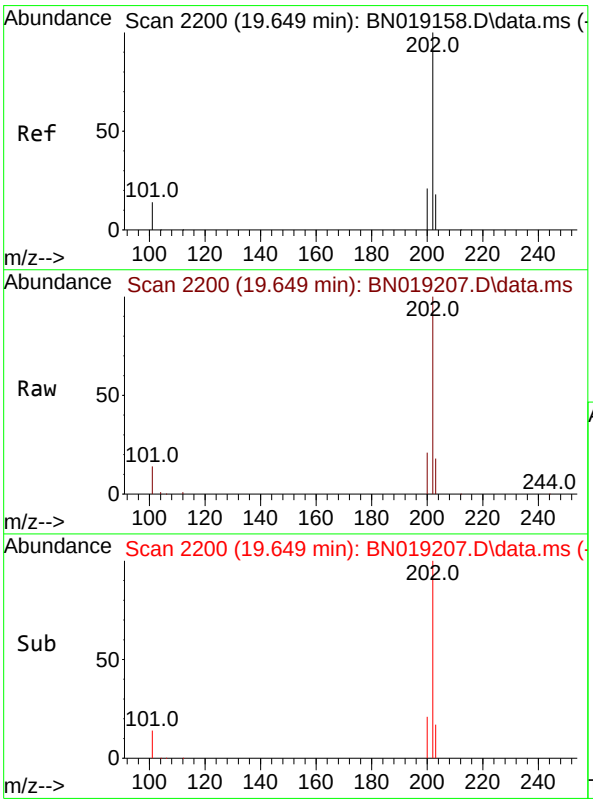
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:240 Resp: 8122

Ion	Ratio	Lower	Upper
240	100		
120	16.5	8.5	12.7#
236	30.0	22.4	33.6

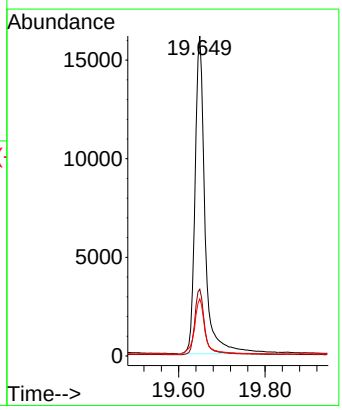


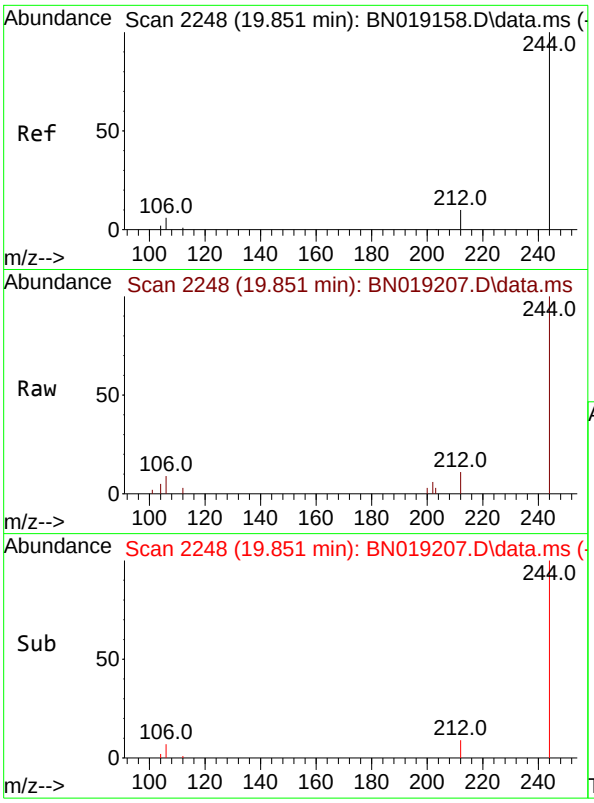


#30
Pyrene
Concen: 0.678 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:202 Resp: 26022

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.4	14.2	21.2



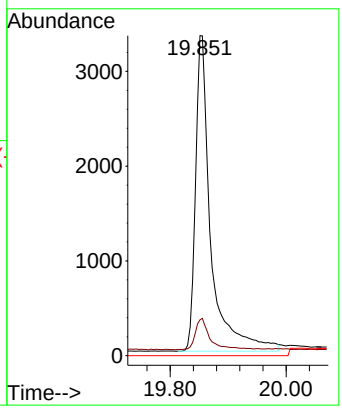


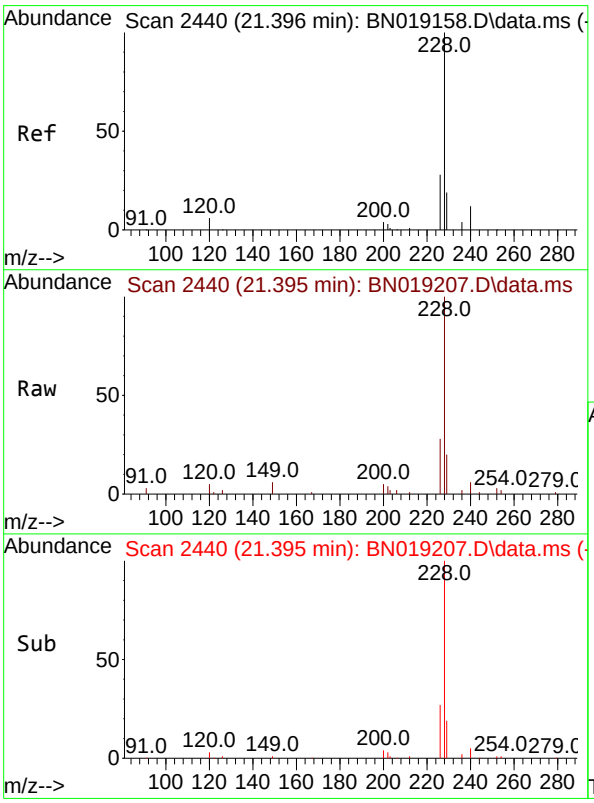
#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.851 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:244 Resp: 6100

Ion	Ratio	Lower	Upper
244	100		
212	11.2	8.2	12.4
122	0.0	0.0	0.0

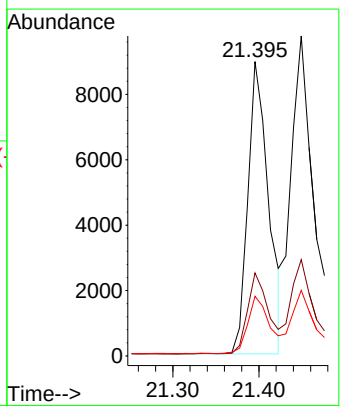


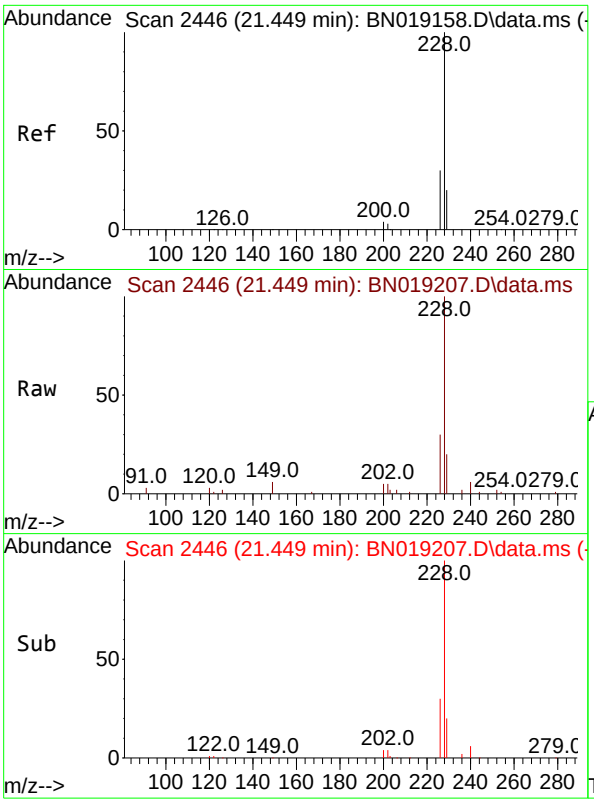


#32
Benzo(a)anthracene
Concen: 0.575 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:228 Resp: 14992

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.9	32.9
229	20.3	16.0	24.0



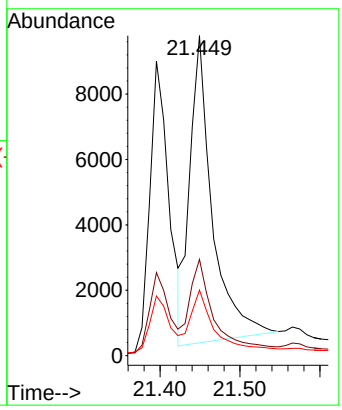


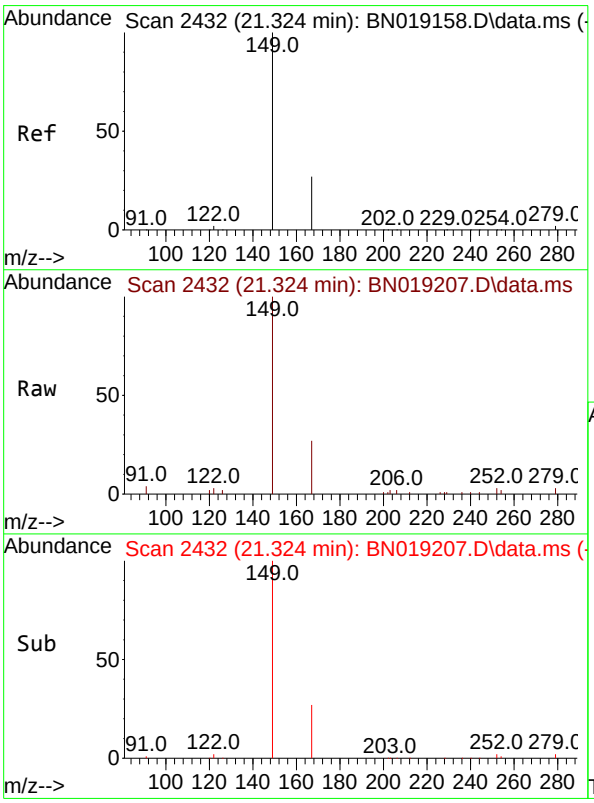
#33
Chrysene
Concen: 0.548 ng
RT: 21.449 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:228 Resp: 18318

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.5	15.9	23.9

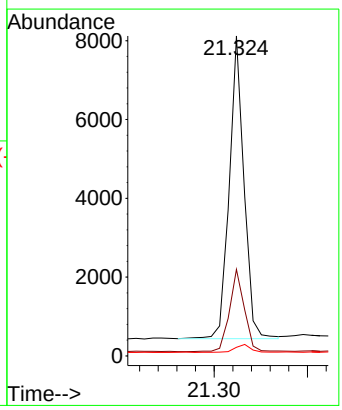


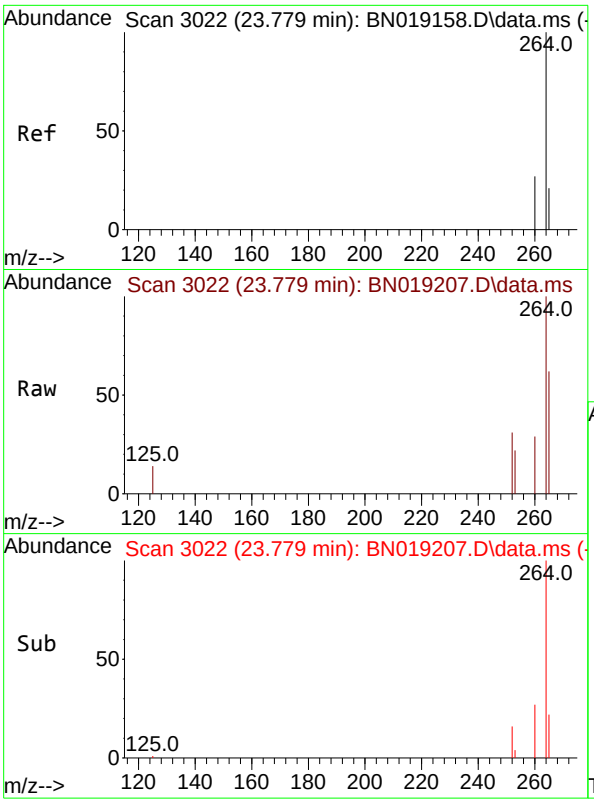


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.529 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:149 Resp: 8410

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	2.9	2.0	3.0



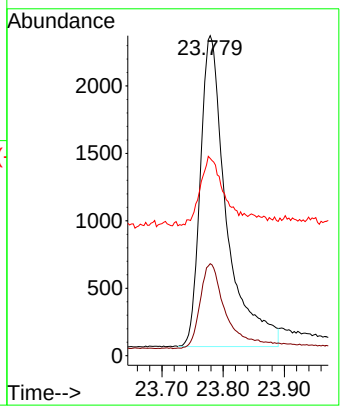


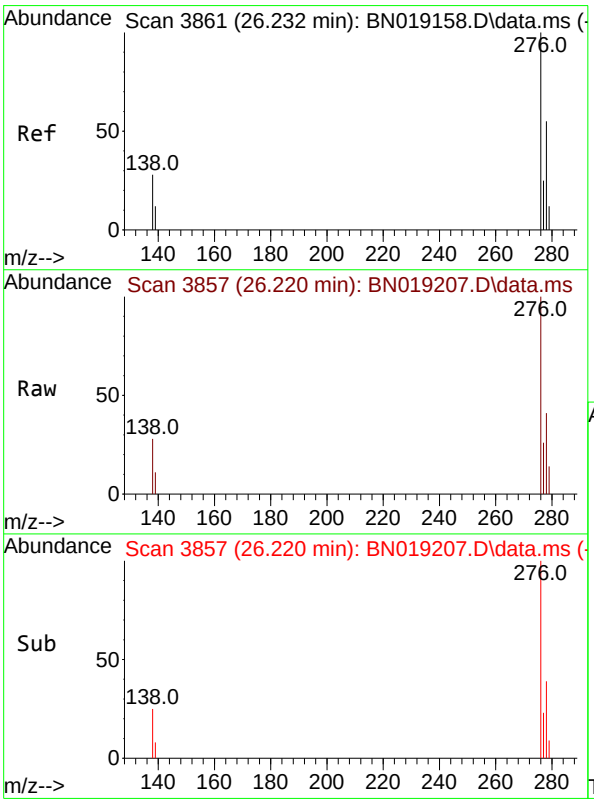
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.779 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:264 Resp: 6843

Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.4	33.6
265	61.7	25.3	37.9#

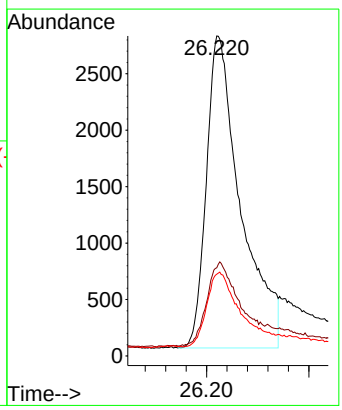


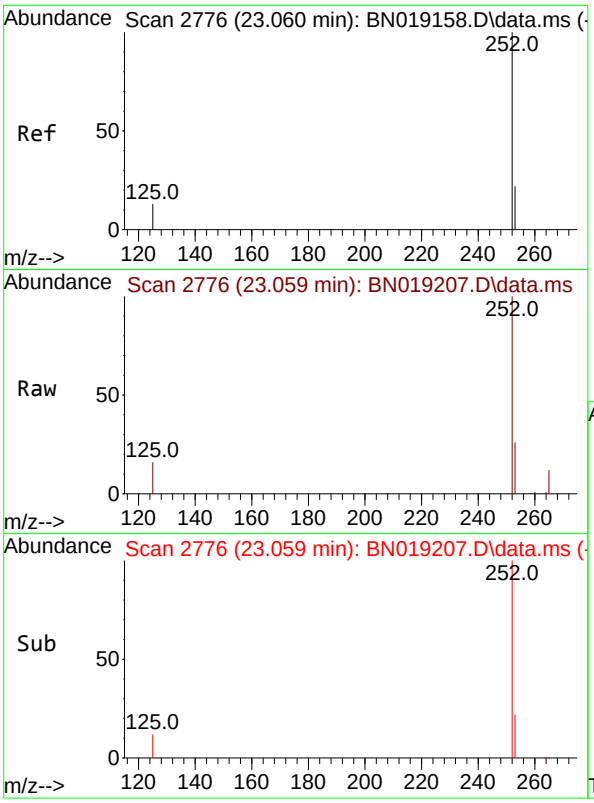


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.471 ng
RT: 26.220 min Scan# 3857
Delta R.T. -0.012 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:276 Resp: 12884

Ion	Ratio	Lower	Upper
276	100		
138	26.1	24.5	36.7
277	23.9	19.8	29.8



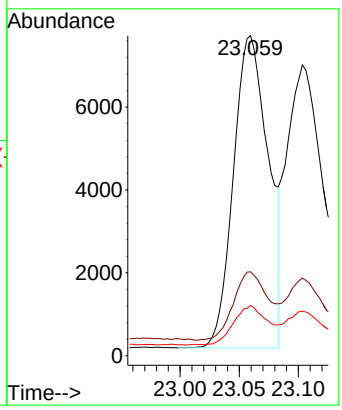


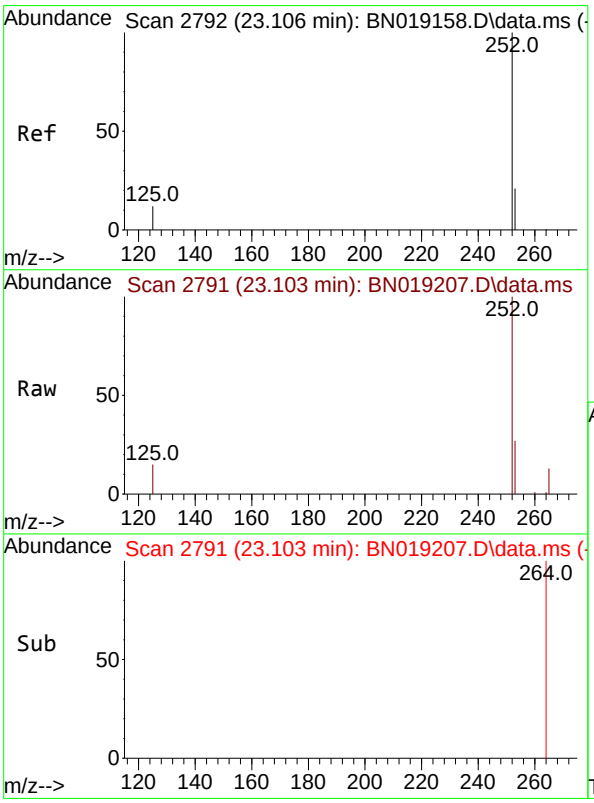
#37
Benzo(b)fluoranthene
Concen: 0.594 ng
RT: 23.059 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:252 Resp: 15429

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.9	28.3
125	15.7	12.1	18.1

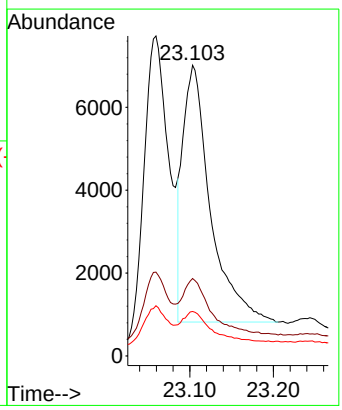


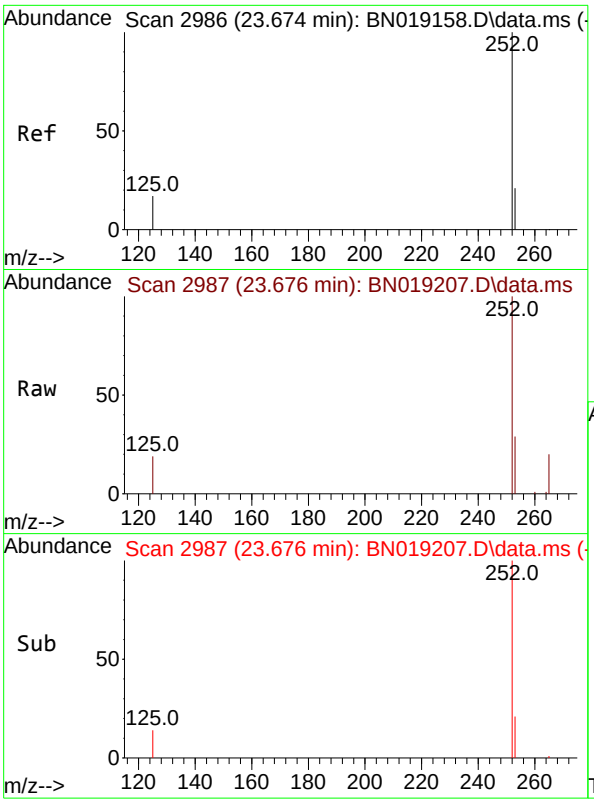


#38
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 23.103 min Scan# 2791
Delta R.T. -0.003 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:252 Resp: 14185

Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.9	28.3
125	15.3	10.3	15.5



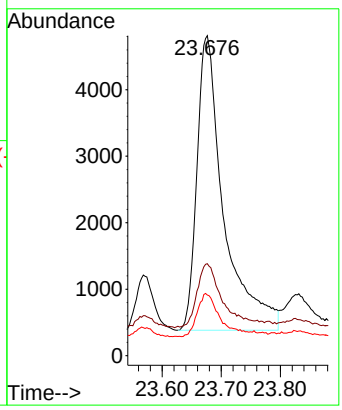


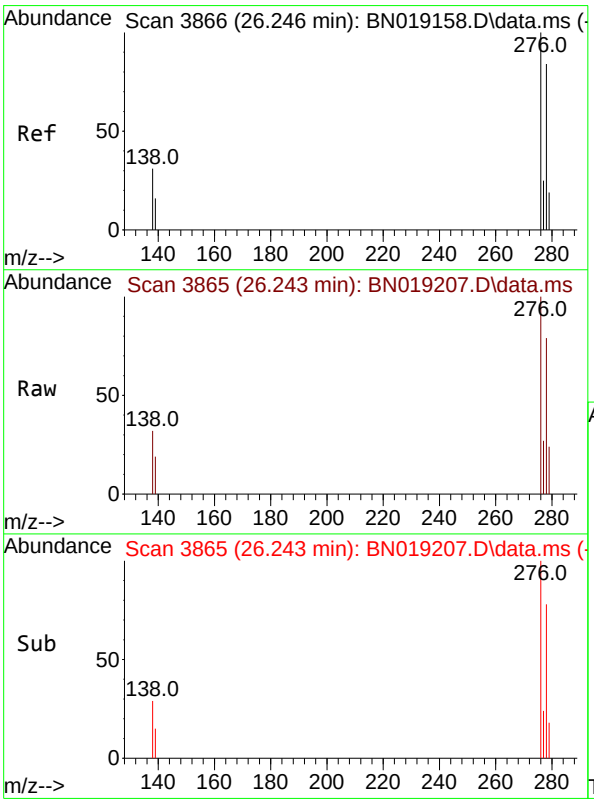
#39
Benzo(a)pyrene
Concen: 0.626 ng
RT: 23.676 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:252 Resp: 13941

Ion	Ratio	Lower	Upper
252	100		
253	28.7	20.1	30.1
125	19.0	15.2	22.8

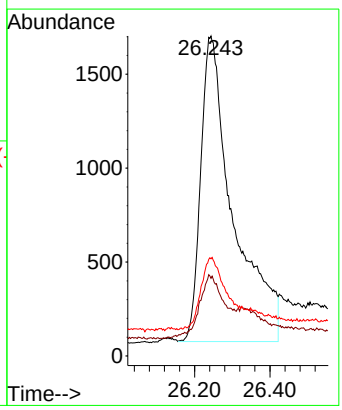


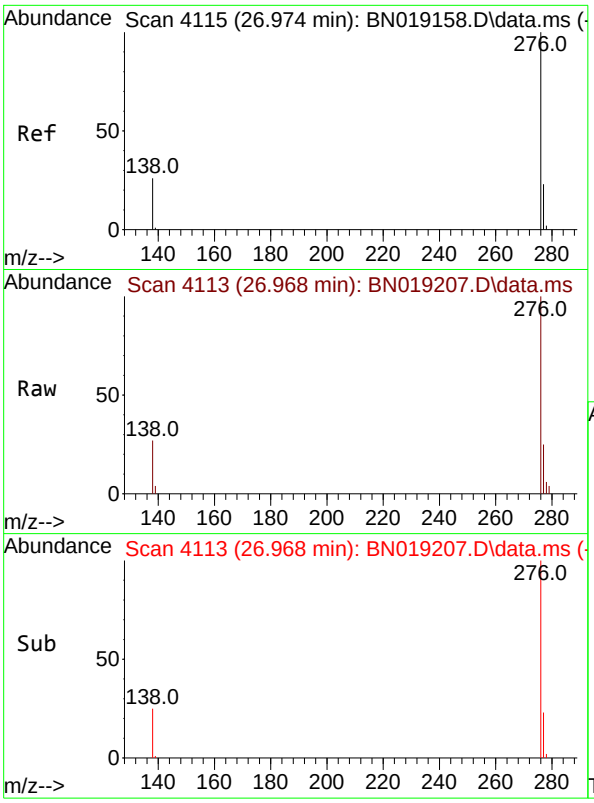


#40
Dibenzo(a,h)anthracene
Concen: 0.473 ng
RT: 26.243 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Tgt Ion:278 Resp: 9751

Ion	Ratio	Lower	Upper
278	100		
139	24.2	17.2	25.8
279	30.3	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.540 ng
RT: 26.968 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019207.D
Acq: 28 Mar 2022 22:22

Instrument :
BNA_N
ClientSampleId :
SS2MS

Tgt Ion:276 Resp: 15203

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.4	29.0
138	27.4	21.0	31.6