Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
Data File : BN019520.D
Acq On : 22 Apr 2022 13:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 23 05:30:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	5467	0.400	ng	0.00
7) Naphthalene-d8	10.613	136	15112	0.400	ng	# 0.00
13) Acenaphthene-d10	14.450	164	9397	0.400	ng	0.00
19) Phenanthrene-d10	17.192	188	20493	0.400	ng	0.00
29) Chrysene-d12	21.386	240	15162	0.400	ng	# 0.00
35) Perylene-d12	23.731	264	12714	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.364	112	4566	0.390	ng	0.00
5) Phenol-d6	6.974	99	4641	0.348	ng	0.00
8) Nitrobenzene-d5	8.969	82	3917	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.209	152	9805	0.400	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	1339	0.319	ng	0.00
15) 2-Fluorobiphenyl	13.082	172	15062	0.402	ng	0.00
27) Fluoranthene-d10	19.223	212	23506	0.392	ng	0.00
31) Terphenyl-d14	19.825	244	13757	0.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	2947	0.410	ng	93
3) n-Nitrosodimethylamine	3.537	42	2621	0.393	ng	99
6) bis(2-Chloroethyl)ether	7.227	93	5829	0.415	ng	93
9) Naphthalene	10.656	128	17727	0.404	ng	100
10) Hexachlorobutadiene	10.955	225	3918	0.406	ng	# 99
12) 2-Methylnaphthalene	12.281	142	11409	0.399	ng	98
16) Acenaphthylene	14.172	152	15904	0.372	ng	100
17) Acenaphthene	14.503	154	11884	0.398	ng	98
18) Fluorene	15.498	166	15408	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	15.605	198	719	0.338	ng	# 69
21) 4-Bromophenyl-phenylether	16.382	248	4850	0.386	ng	# 81
22) Hexachlorobenzene	16.505	284	6259	0.400	ng	98
23) Atrazine	16.649	200	2961	0.333	ng	97
24) Pentachlorophenol	16.864	266	978	0.319	ng	98
25) Phenanthrene	17.233	178	25327	0.392	ng	100
26) Anthracene	17.326	178	19232	0.368	ng	100
28) Fluoranthene	19.256	202	28885	0.390	ng	100
30) Pyrene	19.619	202	29012	0.404	ng	100
32) Benzo(a)anthracene	21.368	228	16956	0.360	ng	99
33) Chrysene	21.422	228	24224	0.406	ng	99
34) Bis(2-ethylhexyl)phtha...	21.296	149	9567	0.345	ng	99
36) Indeno(1,2,3-cd)pyrene	26.149	276	18512	0.377	ng	95
37) Benzo(b)fluoranthene	23.015	252	17544	0.359	ng	99
38) Benzo(k)fluoranthene	23.062	252	18981	0.363	ng	99
39) Benzo(a)pyrene	23.626	252	16878	0.392	ng	97
40) Dibenzo(a,h)anthracene	26.173	278	13881	0.379	ng	97
41) Benzo(g,h,i)perylene	26.883	276	19359	0.384	ng	100

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

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Instrument :
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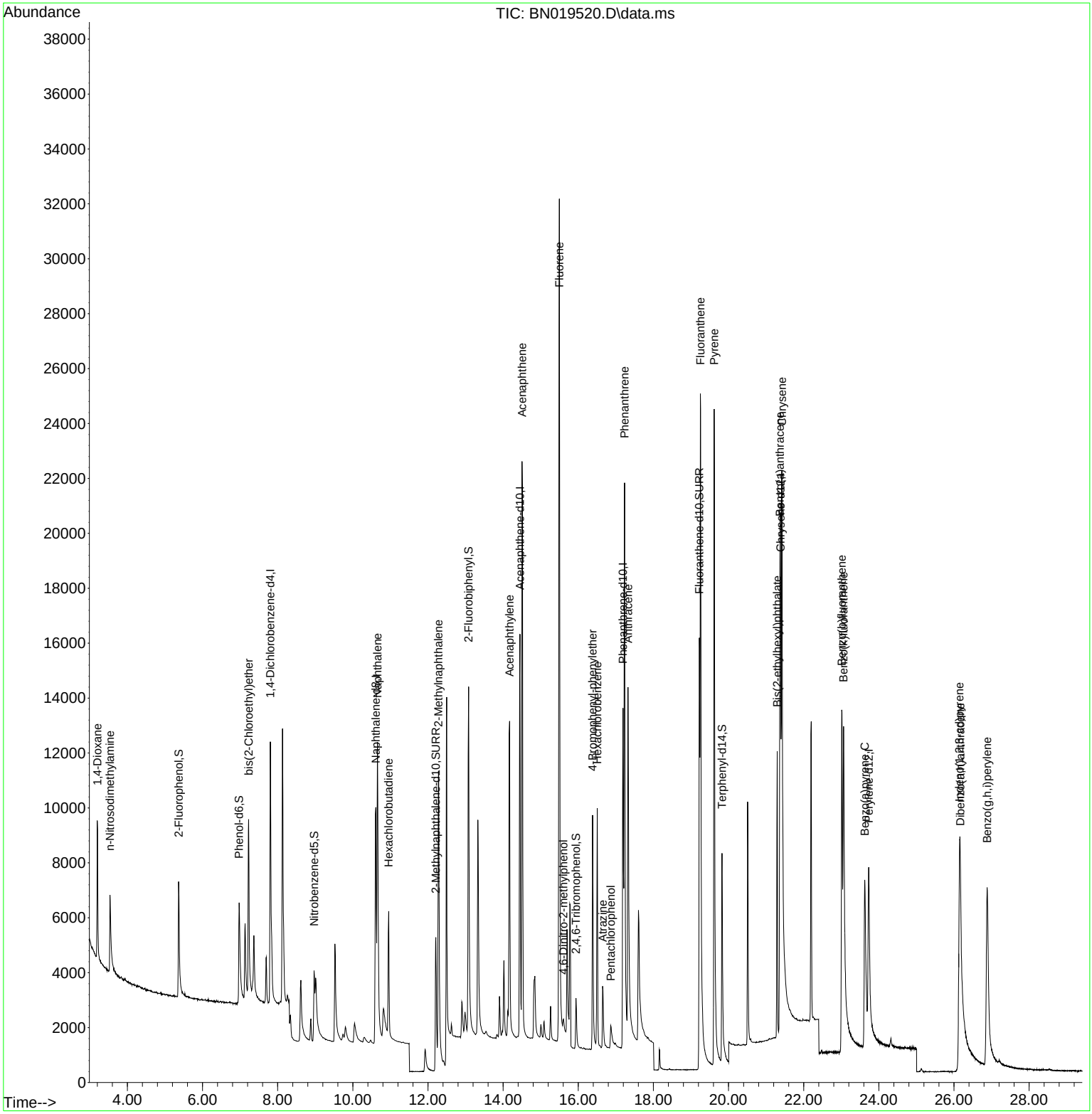
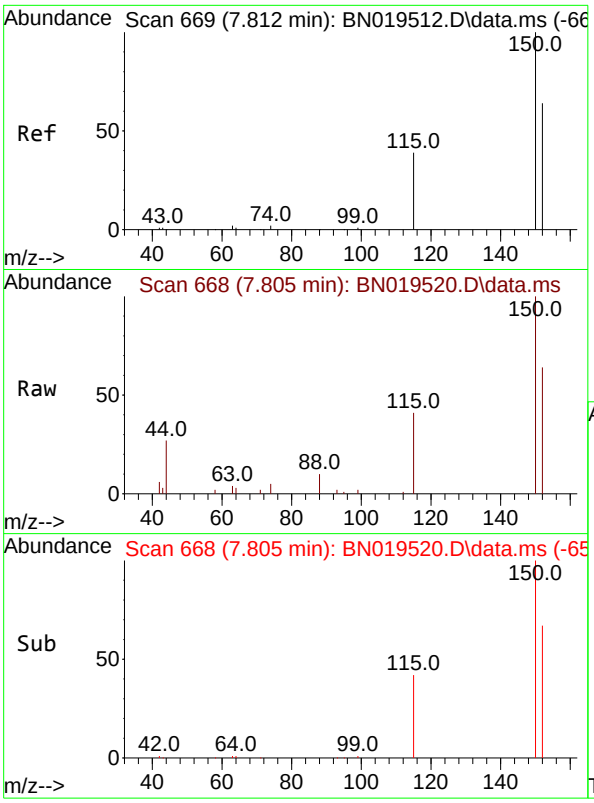
Quant Time: Apr 23 05:30:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration



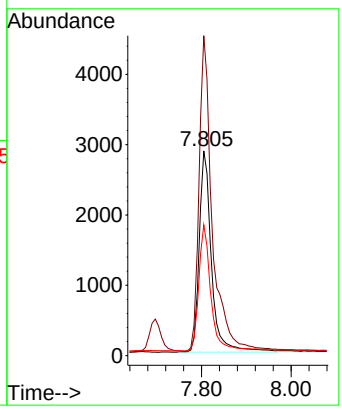


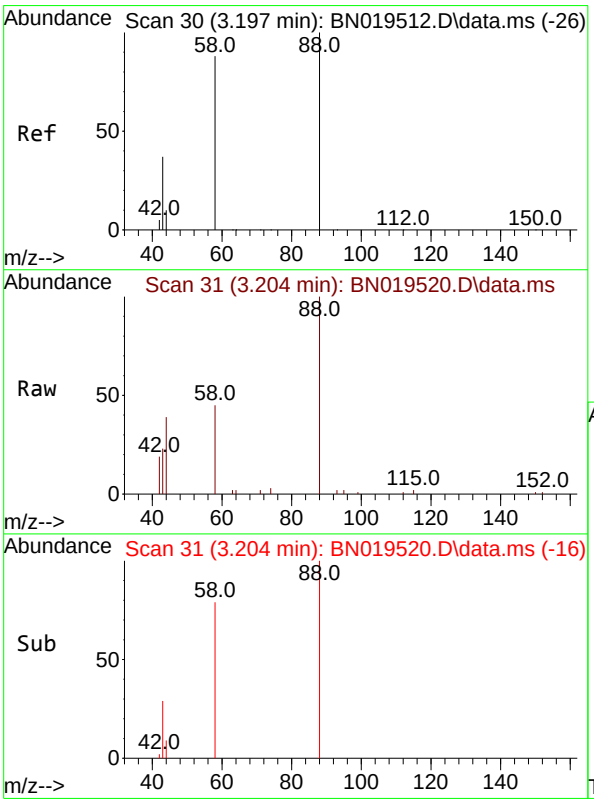
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.805 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5467

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.9	185.9
115	63.9	48.2	72.4

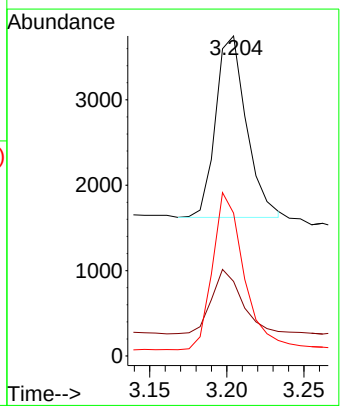


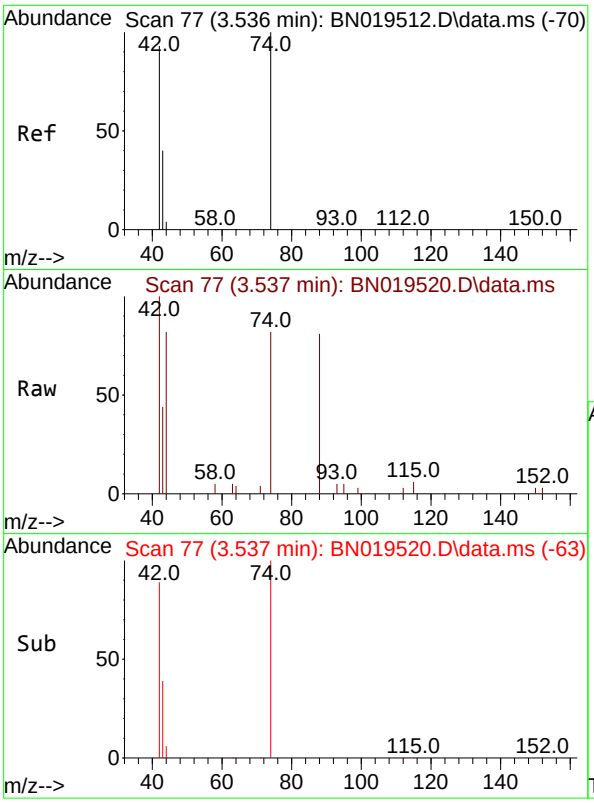


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.204 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion: 88 Resp: 2947

Ion	Ratio	Lower	Upper
88	100		
43	35.4	24.6	37.0
58	87.5	65.4	98.2



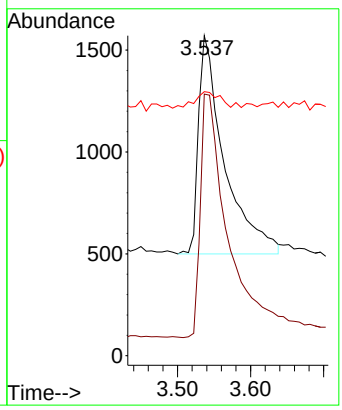


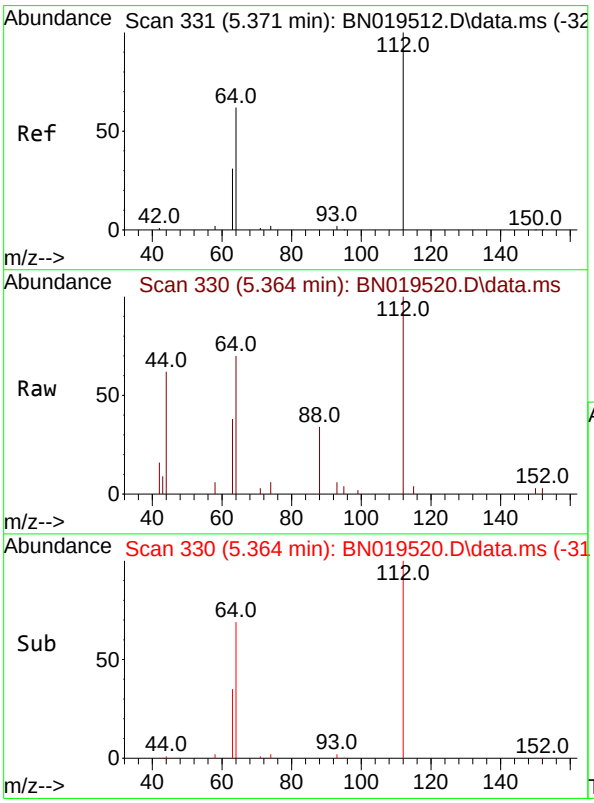
#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.537 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2621

Ion	Ratio	Lower	Upper
42	100		
74	119.6	96.9	145.3
44	8.0	7.3	10.9

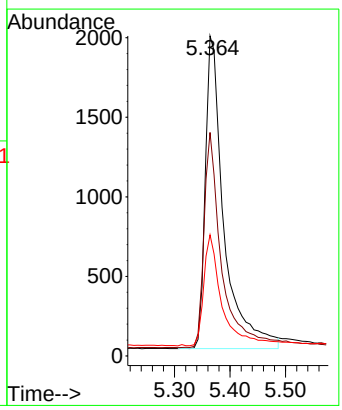


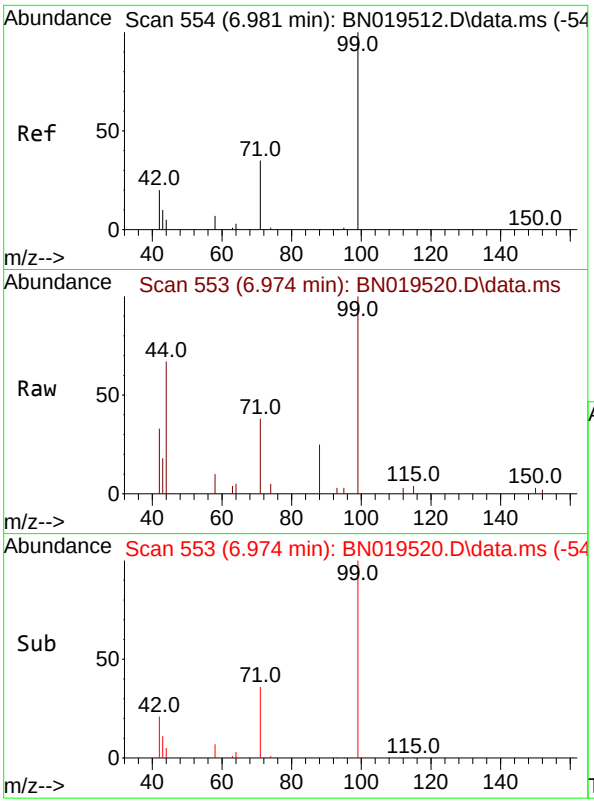


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.364 min Scan# 330
Delta R.T. -0.007 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:112 Resp: 4566

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.8	71.8
63	34.6	25.7	38.5



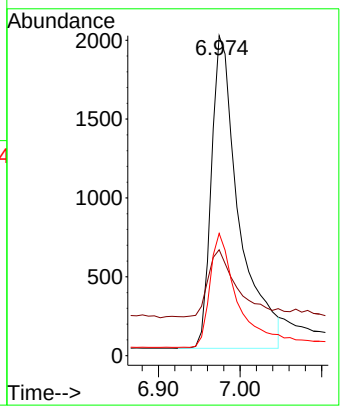


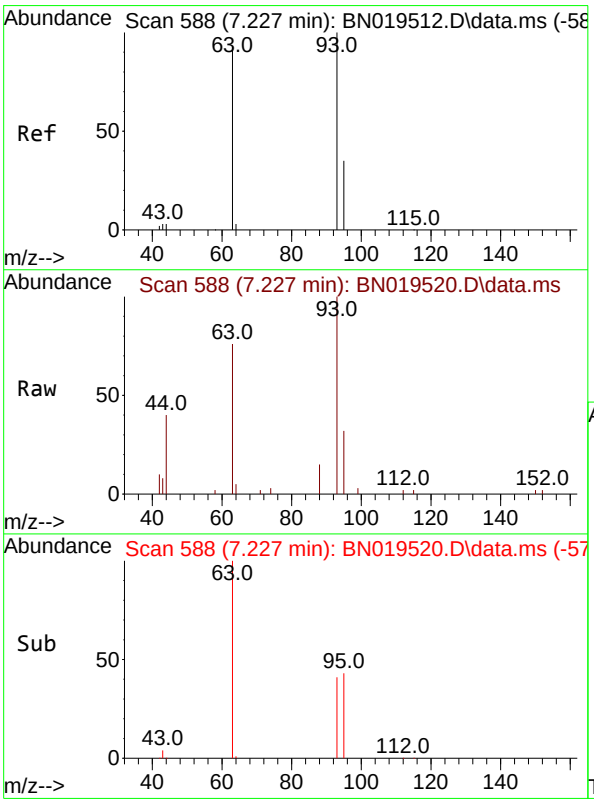
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.974 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4641

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.2	24.4
71	36.2	27.7	41.5

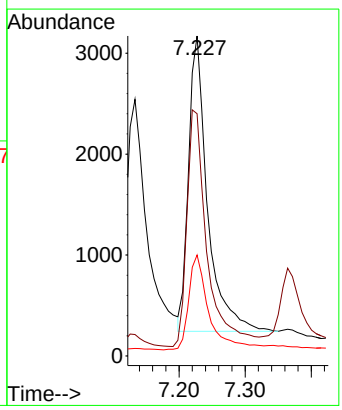


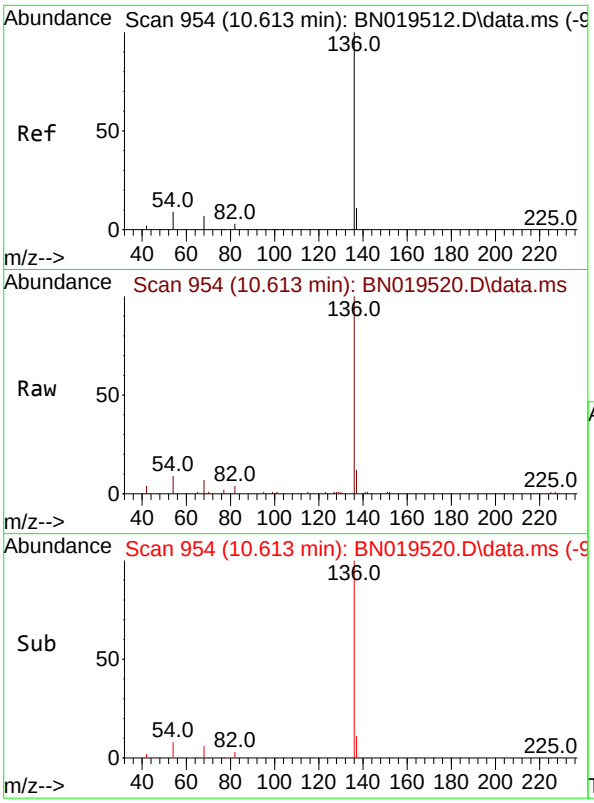


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.227 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion: 93 Resp: 5829

Ion	Ratio	Lower	Upper
93	100		
63	85.7	62.8	94.2
95	34.4	26.2	39.4



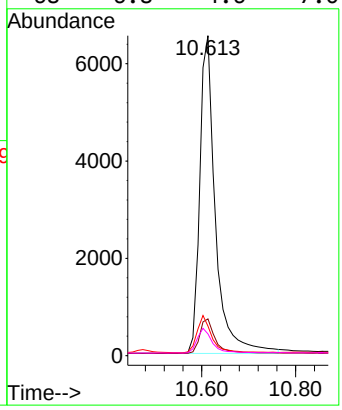


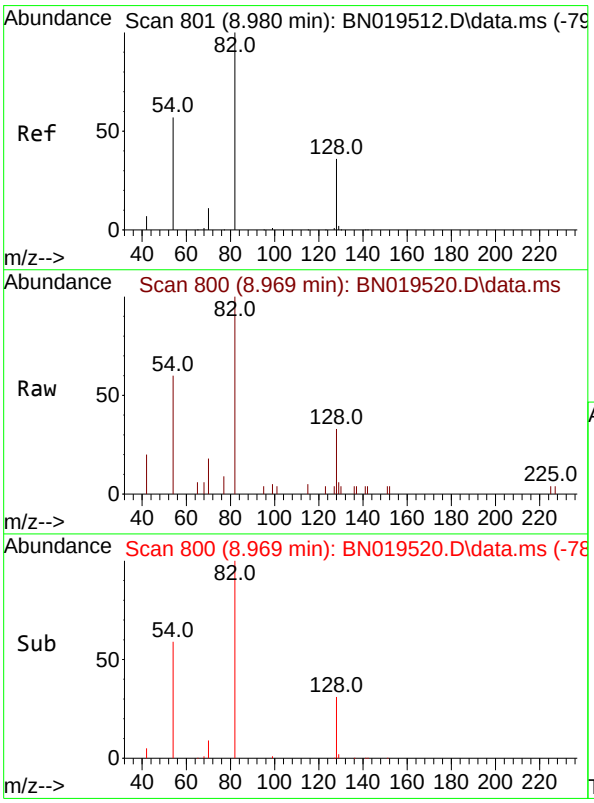
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.613 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15112

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	9.2	5.8	8.6#
68	6.8	4.6	7.0

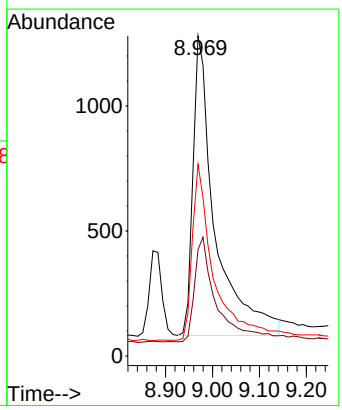


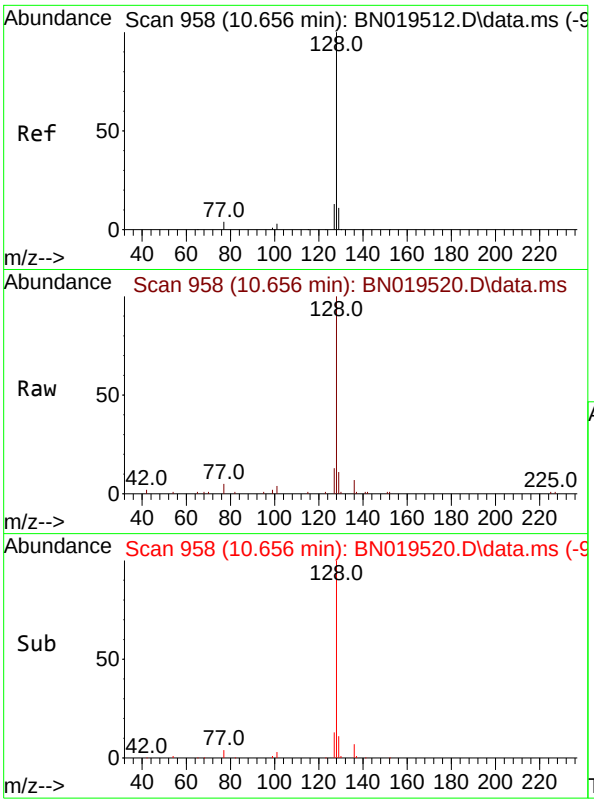


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.969 min Scan# 800
Delta R.T. -0.011 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion: 82 Resp: 3917

Ion	Ratio	Lower	Upper
82	100		
128	33.3	33.0	49.6
54	59.9	42.5	63.7



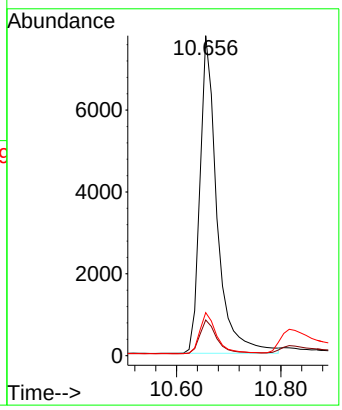


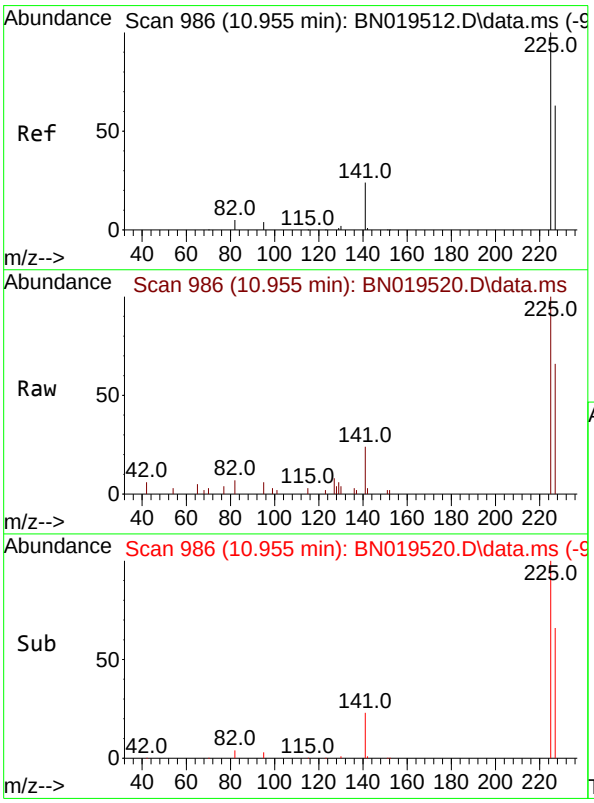
#9
Naphthalene
Concen: 0.404 ng
RT: 10.656 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17727

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.4	10.7	16.1

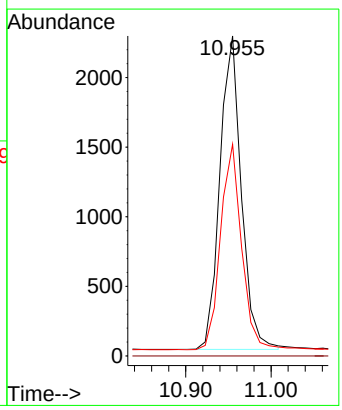


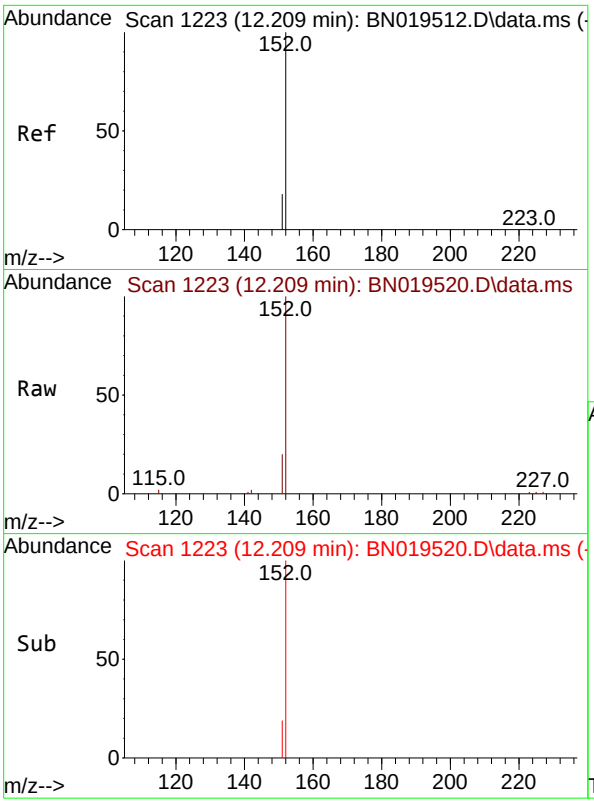


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.955 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:225 Resp: 3918

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.0	76.6



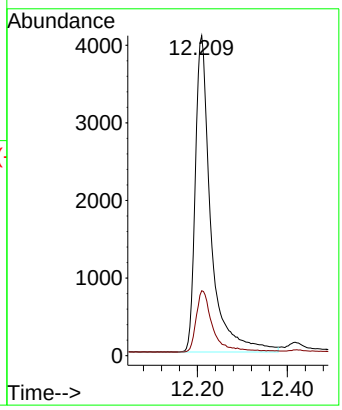


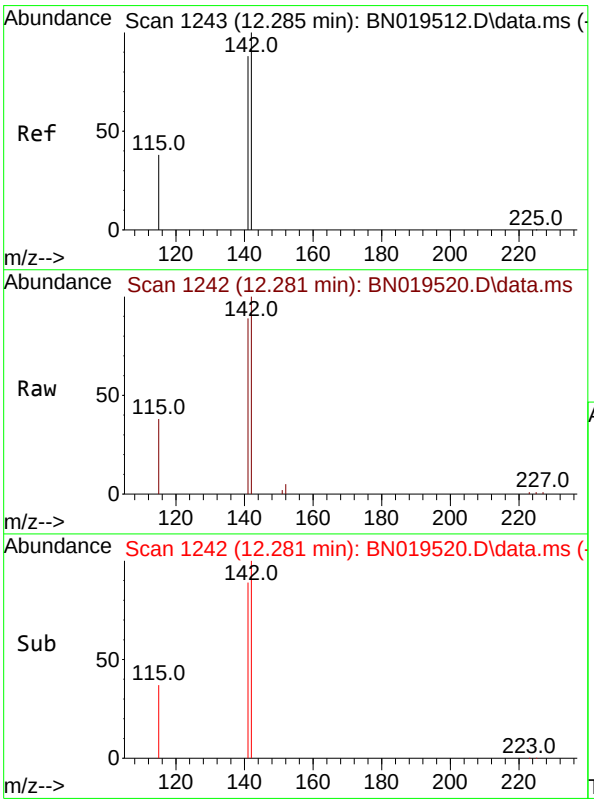
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.209 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9805

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

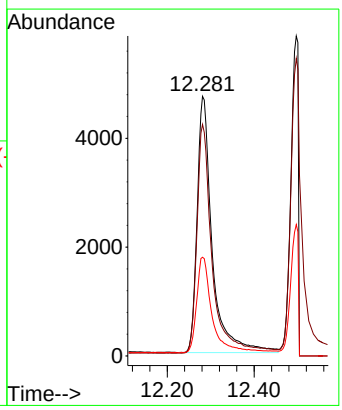


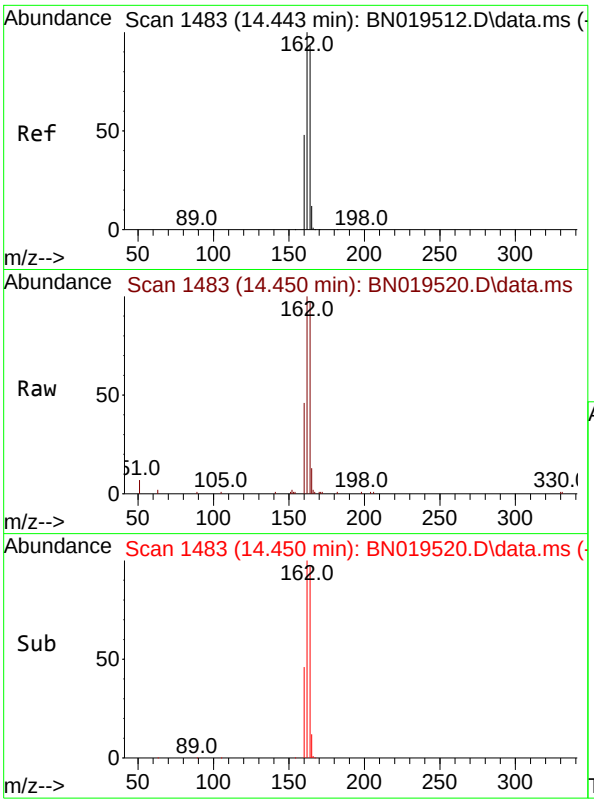


#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.281 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:142 Resp: 11409

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	38.0	29.8	44.8



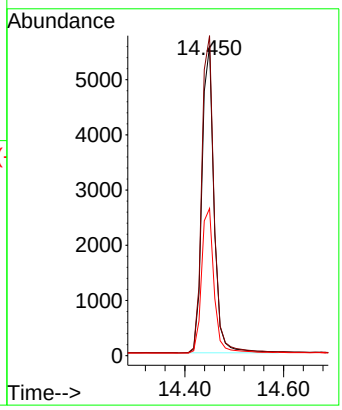


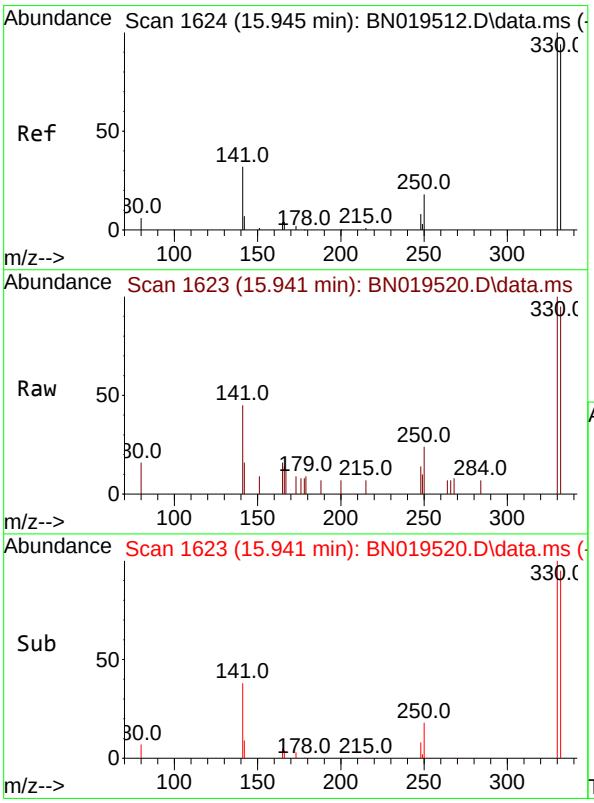
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.450 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9397

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.2	127.8
160	47.5	41.5	62.3

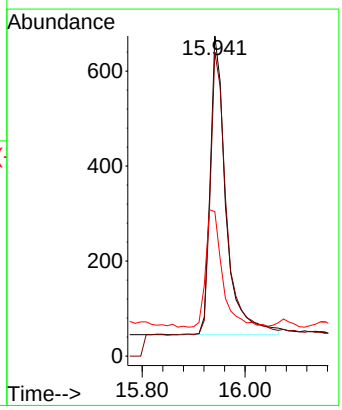


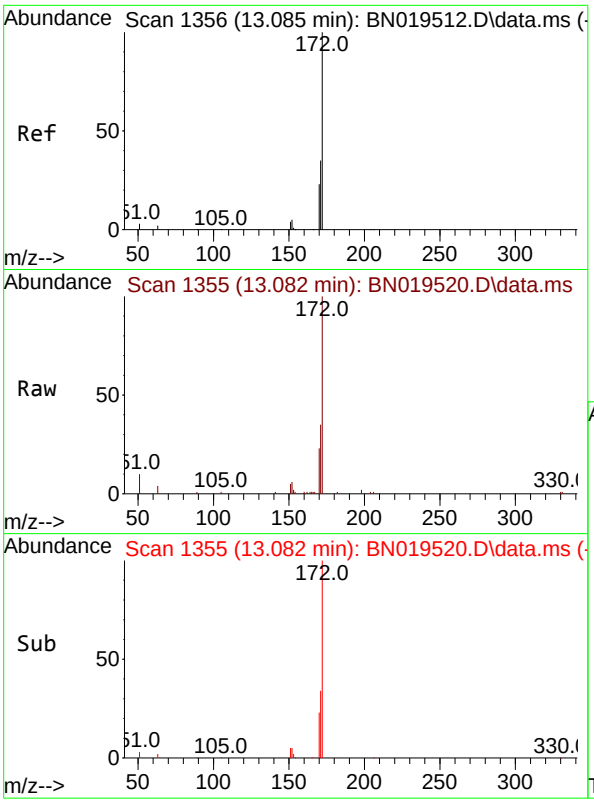


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.941 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:330 Resp: 1339

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	41.3	32.2	48.2



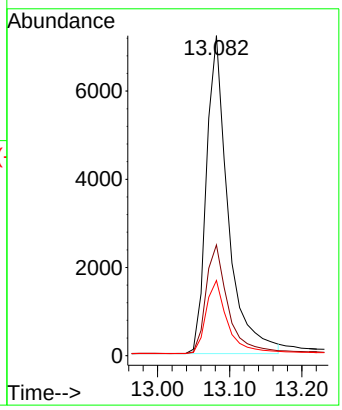


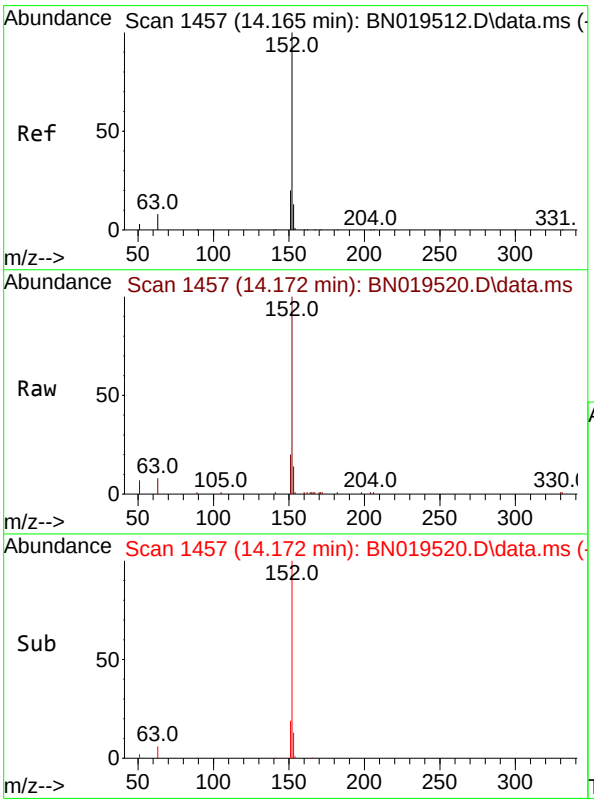
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.082 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15062

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.5	18.7	28.1

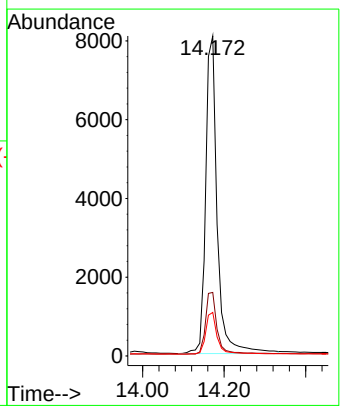


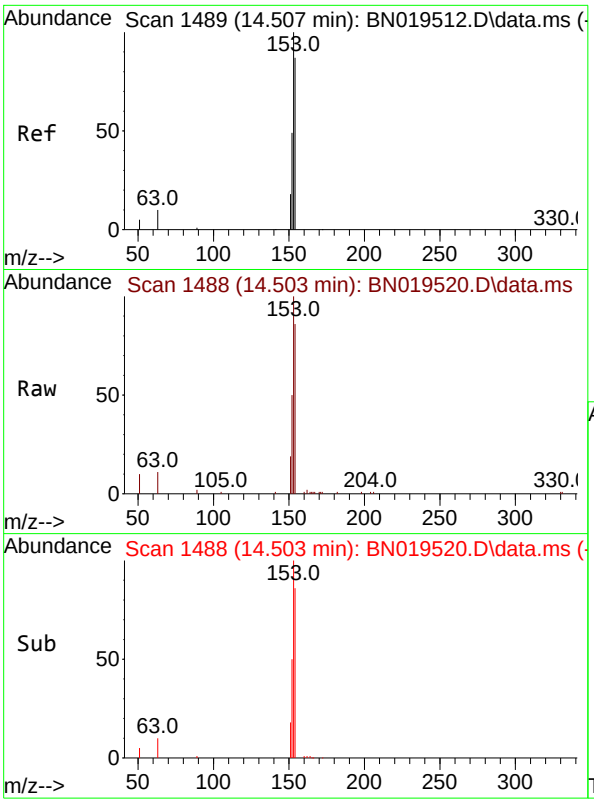


#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.172 min Scan# 1457
Delta R.T. 0.007 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:152 Resp: 15904

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.6	15.8



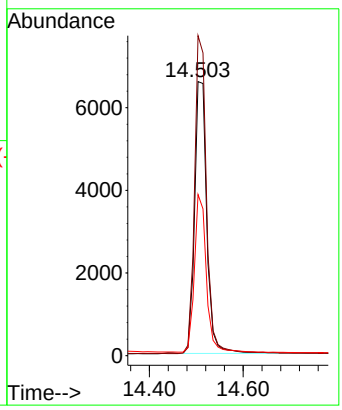


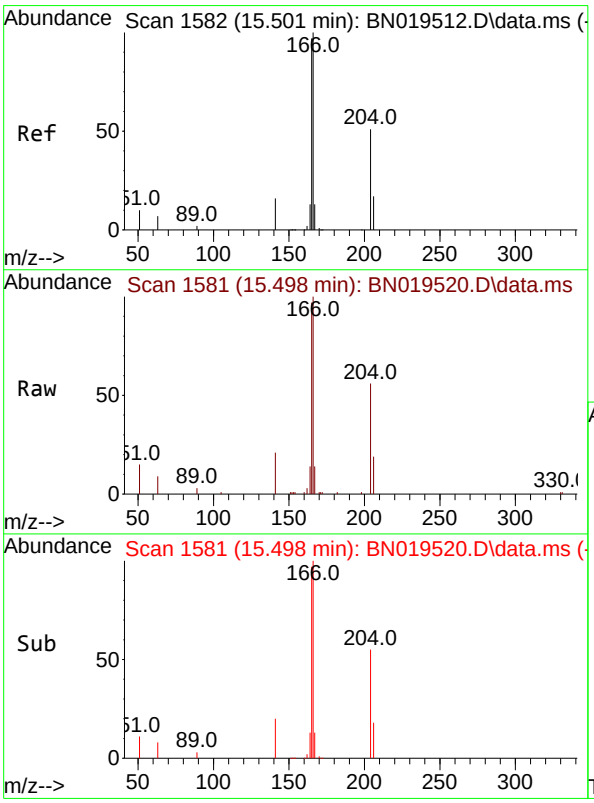
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.503 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11884

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.7	134.5
152	56.5	44.7	67.1

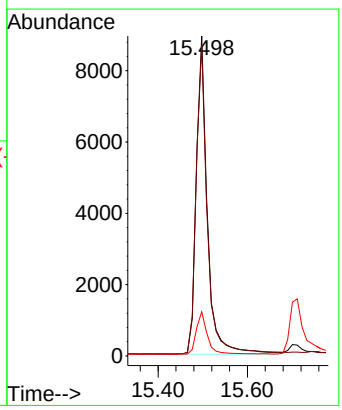


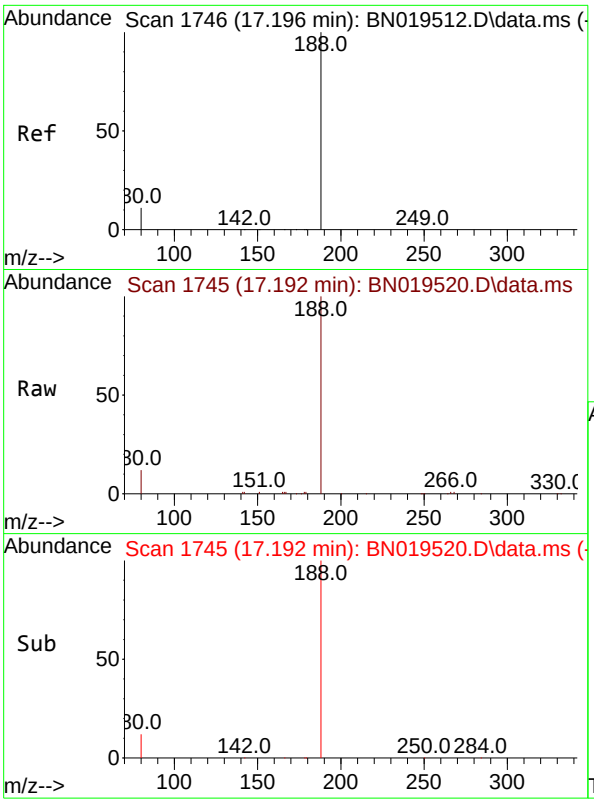


#18
Fluorene
Concen: 0.393 ng
RT: 15.498 min Scan# 1581
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:166 Resp: 15408

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.2	118.8
167	13.4	10.7	16.1



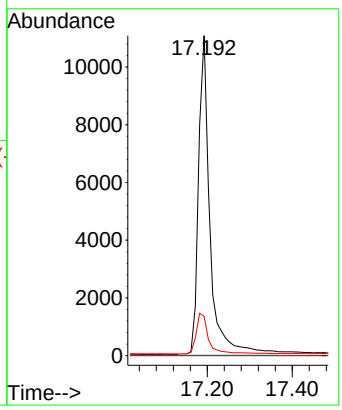


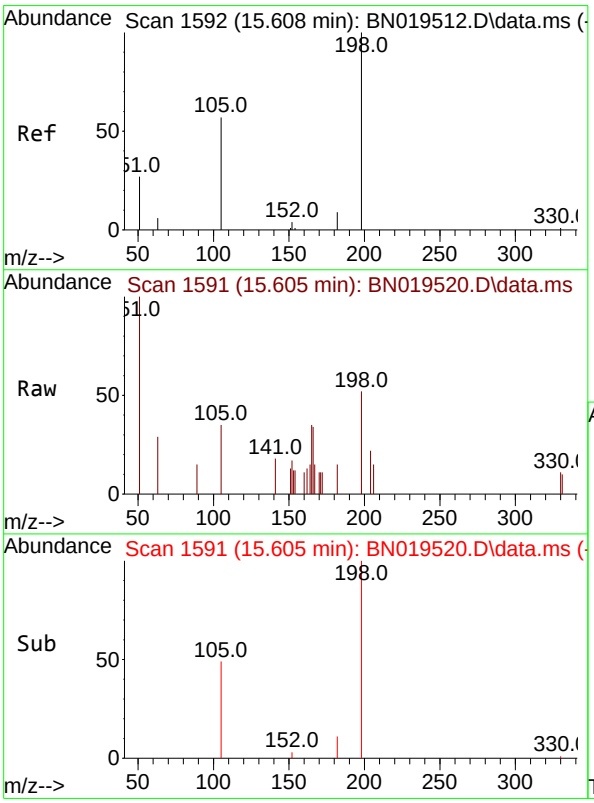
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.192 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20493

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	11.8	17.8

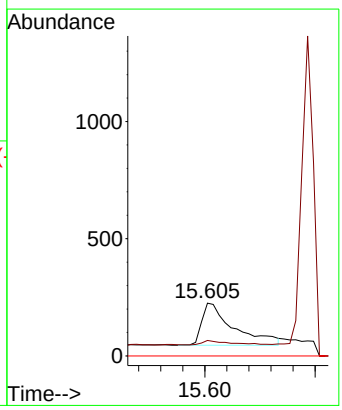


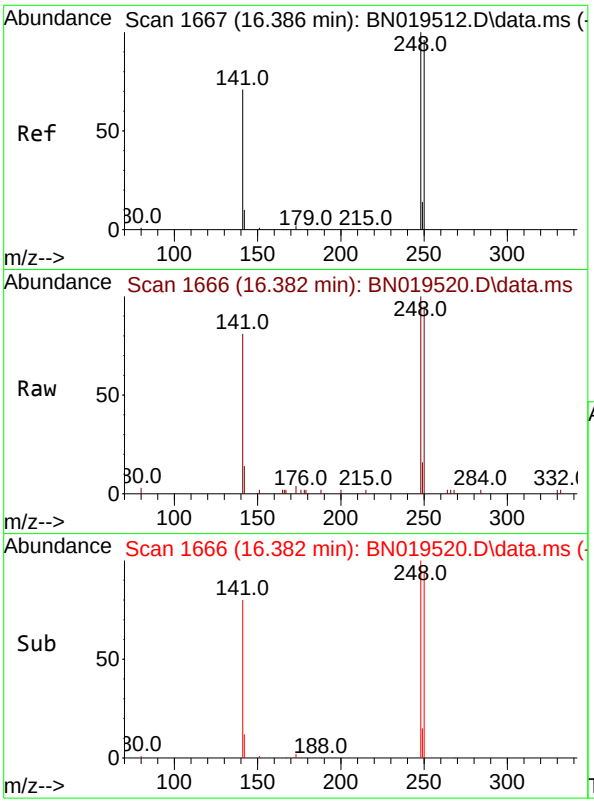


#20
4,6-Dinitro-2-methylphenol
Concen: 0.338 ng
RT: 15.605 min Scan# 1591
Delta R.T. -0.003 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:198 Resp: 719

Ion	Ratio	Lower	Upper
198	100		
182	29.3	13.0	19.4#
77	0.0	0.0	0.0



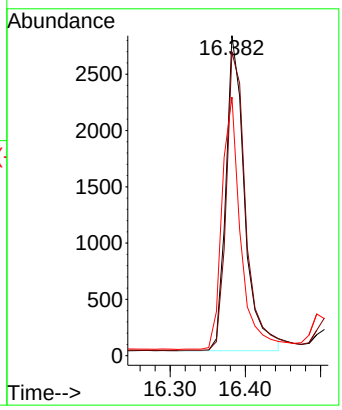


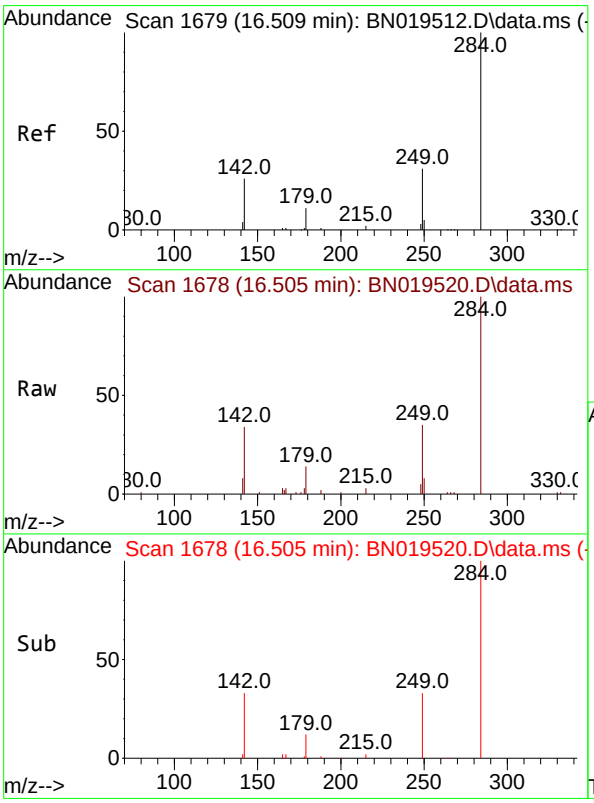
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.382 min Scan# 1(
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4850

Ion	Ratio	Lower	Upper
248	100		
250	94.8	80.7	121.1
141	80.8	39.6	59.4#

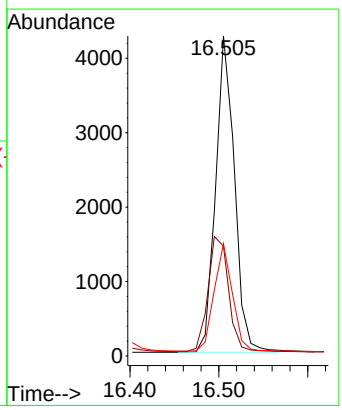


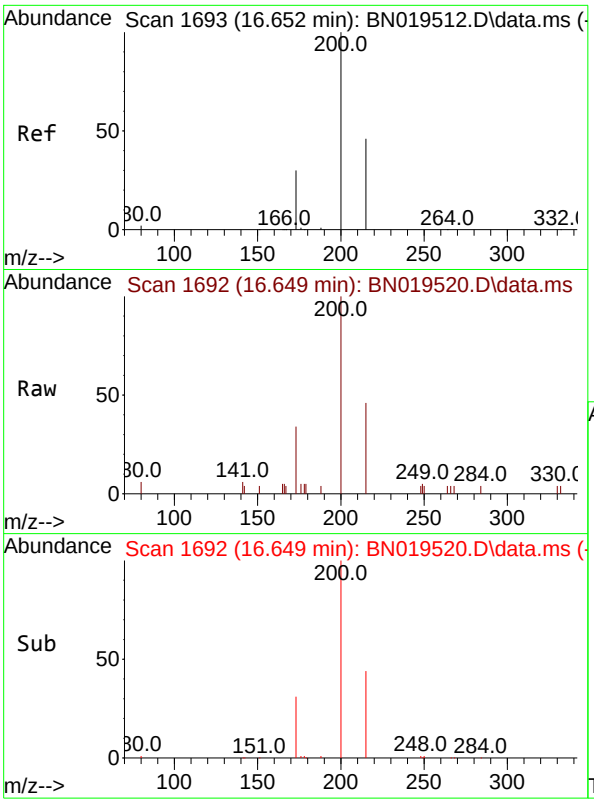


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.505 min Scan# 1678
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:284 Resp: 6259

Ion	Ratio	Lower	Upper
284	100		
142	39.5	29.8	44.8
249	32.8	26.2	39.2



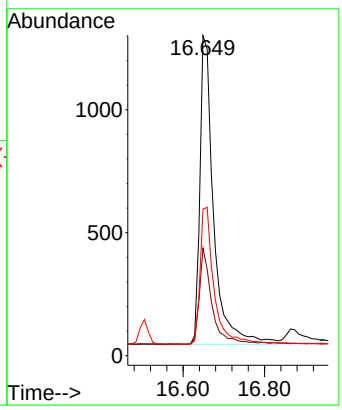


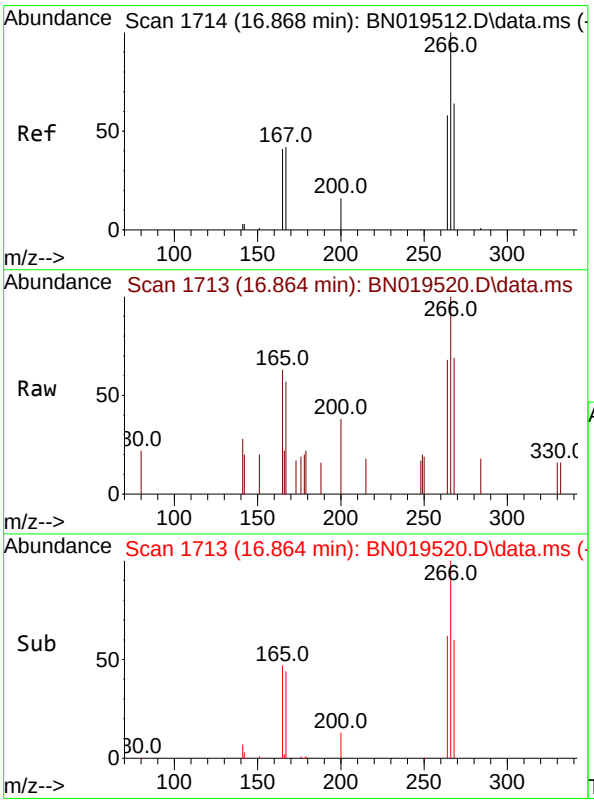
#23
Atrazine
Concen: 0.333 ng
RT: 16.649 min Scan# 1(
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2961

Ion	Ratio	Lower	Upper
200	100		
173	33.7	23.9	35.9
215	45.8	36.6	54.8

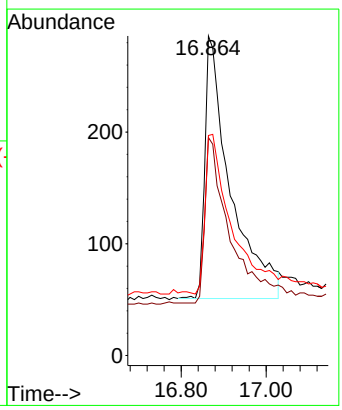


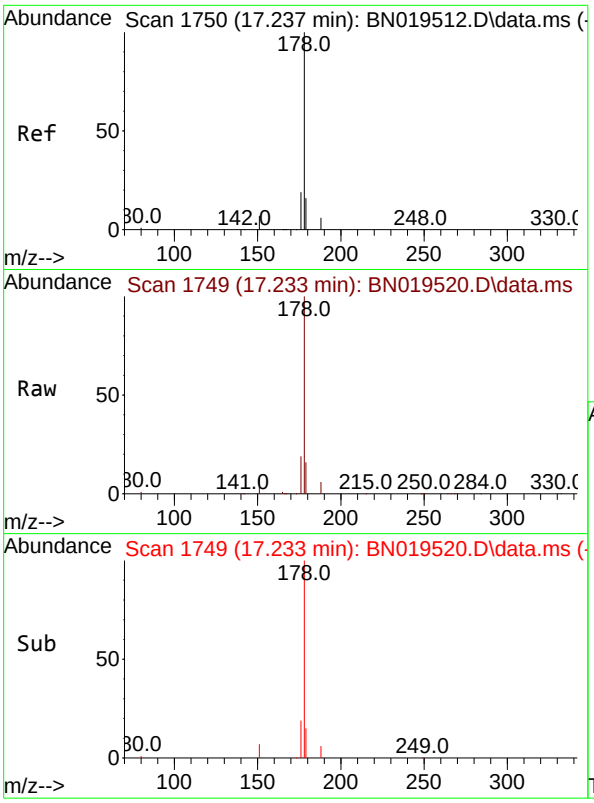


#24
Pentachlorophenol
Concen: 0.319 ng
RT: 16.864 min Scan# 1713
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:266 Resp: 978

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.2	75.4
268	63.8	51.9	77.9



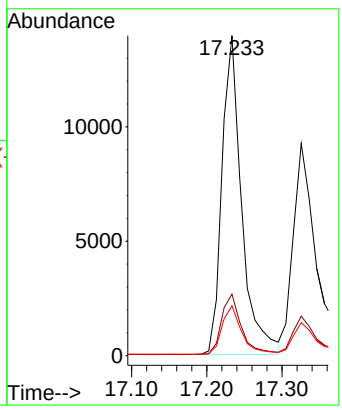


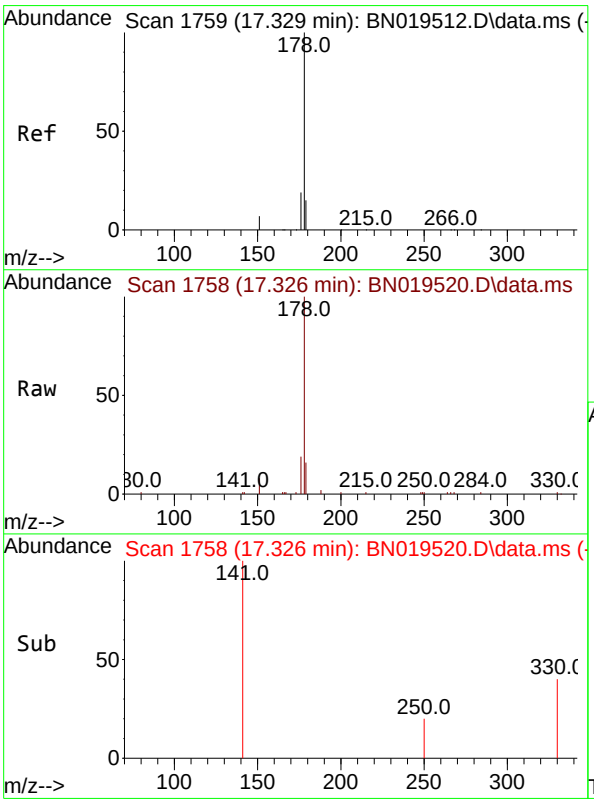
#25
Phenanthrene
Concen: 0.392 ng
RT: 17.233 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 25327

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.3	12.2	18.2

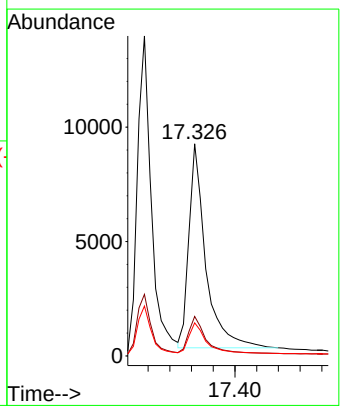


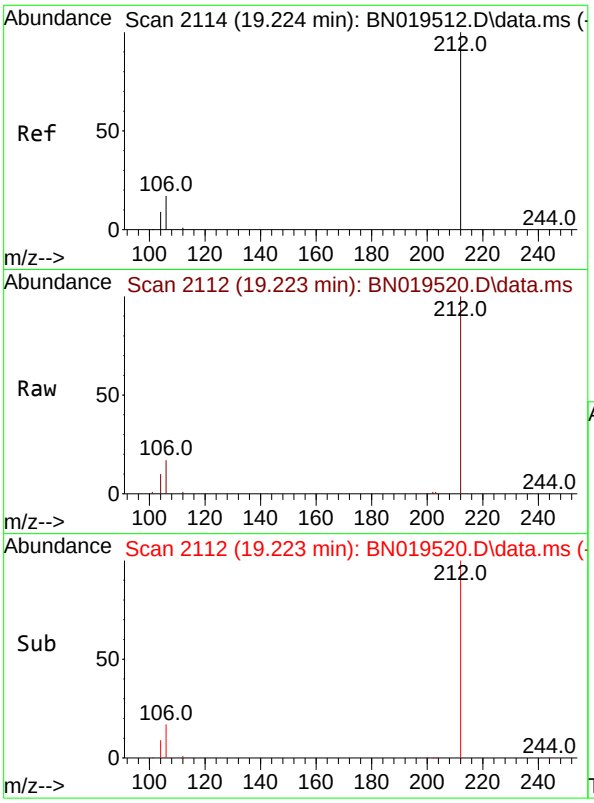


#26
Anthracene
Concen: 0.368 ng
RT: 17.326 min Scan# 1758
Delta R.T. -0.004 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:178 Resp: 19232

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	12.2	18.4



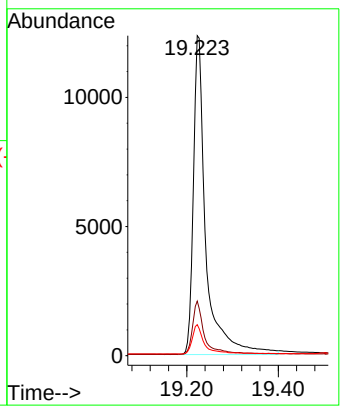


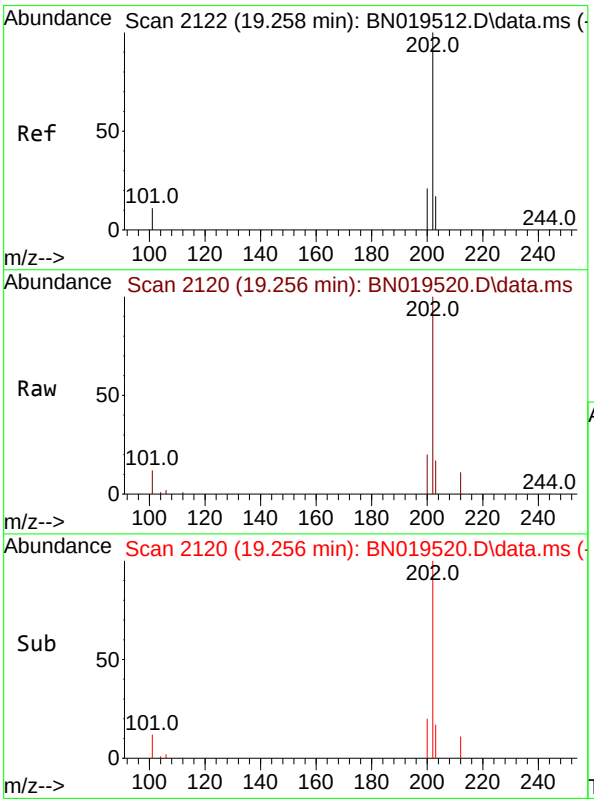
#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.223 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 23506

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.7	19.1
104	8.9	7.1	10.7

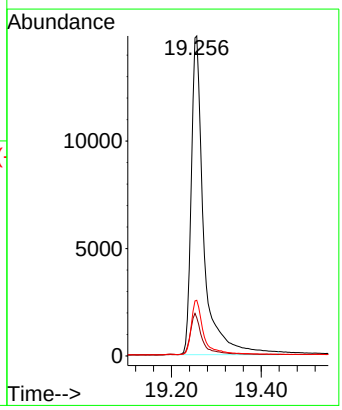


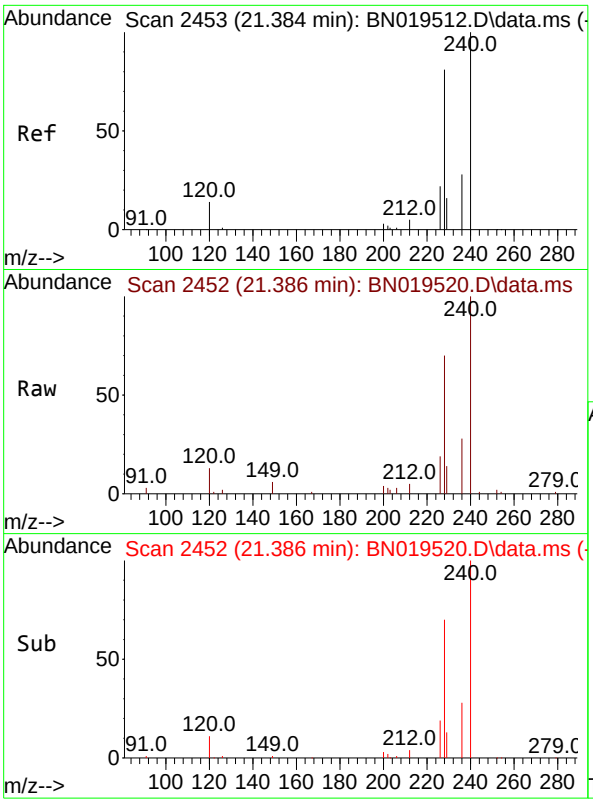


#28
Fluoranthene
Concen: 0.390 ng
RT: 19.256 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:202 Resp: 28885

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
203	17.0	13.7	20.5



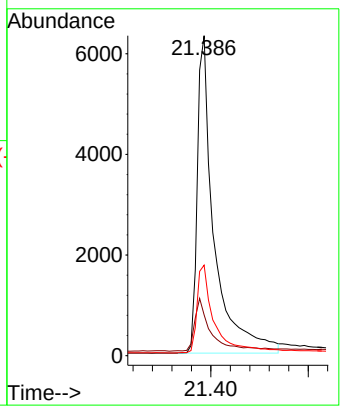


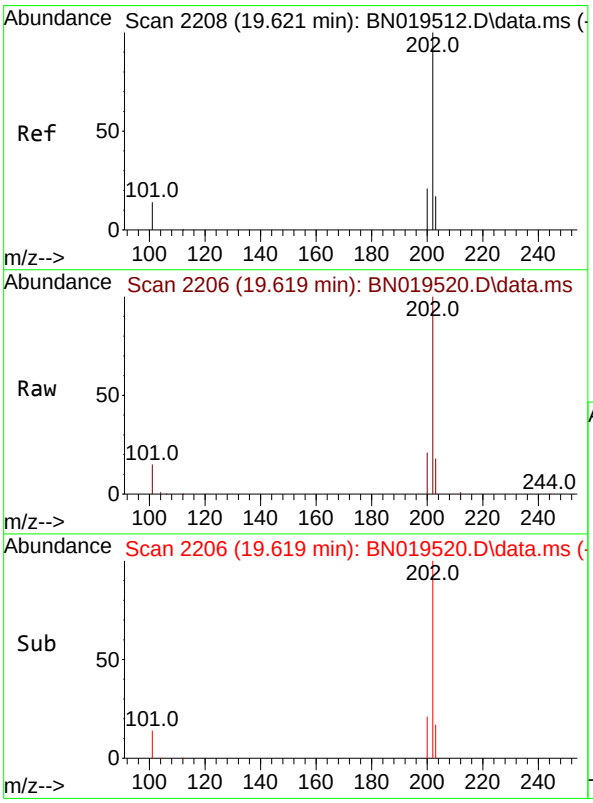
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15162

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.5	12.7#
236	28.3	22.4	33.6

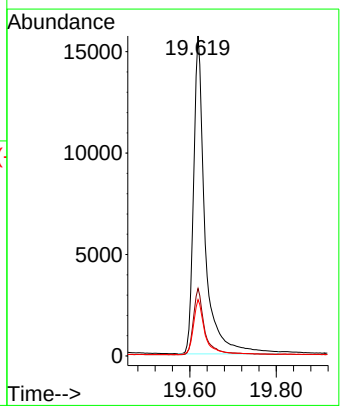


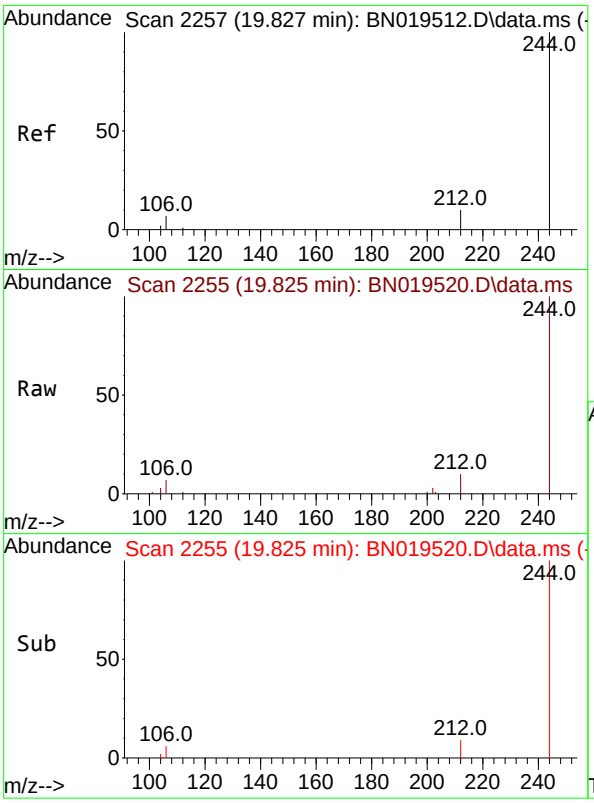


#30
Pyrene
Concen: 0.404 ng
RT: 19.619 min Scan# 2206
Delta R.T. -0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:202 Resp: 29012

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.2	21.2



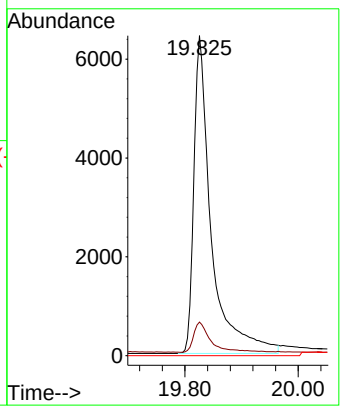


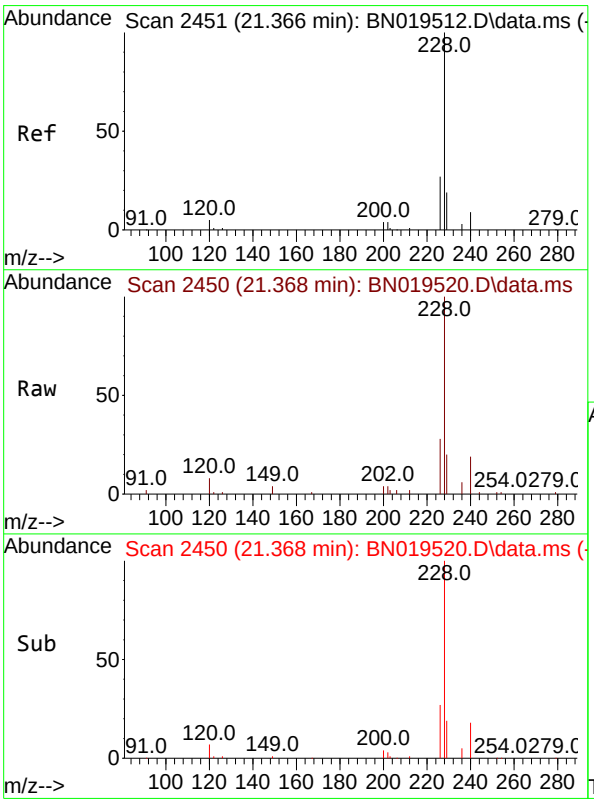
#31
Terphenyl-d14
Concen: 0.402 ng
RT: 19.825 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 13757

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.2	12.4
122	0.0	0.0	0.0

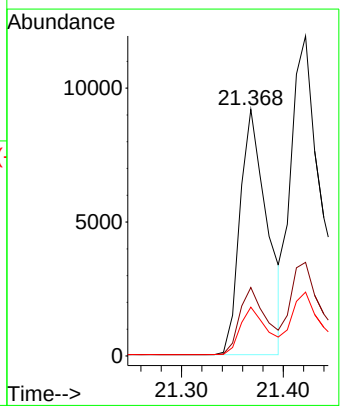


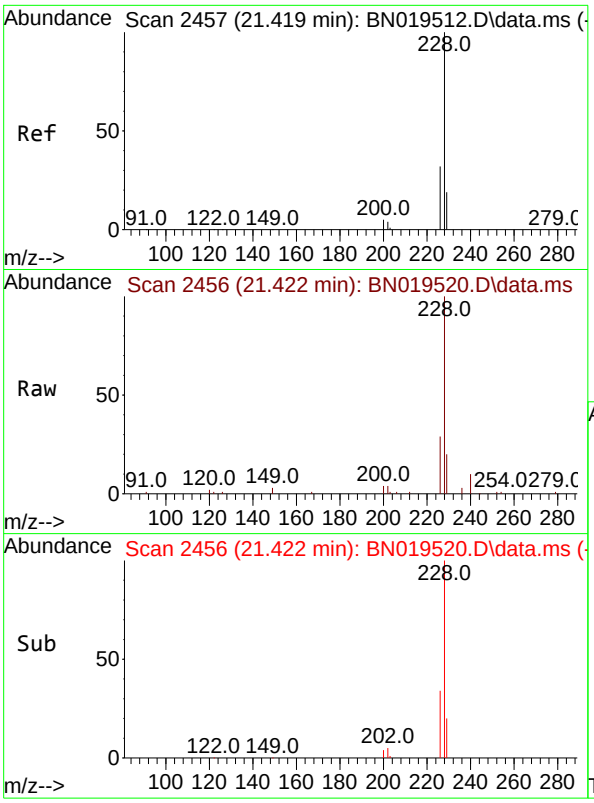


#32
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.368 min Scan# 2450
Delta R.T. 0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:228 Resp: 16956

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.8	16.0	24.0



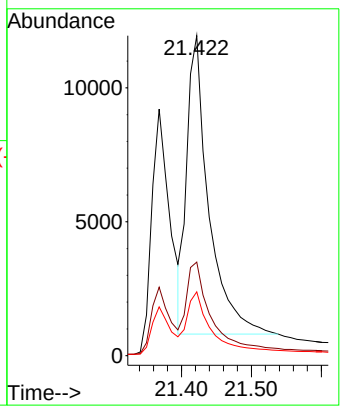


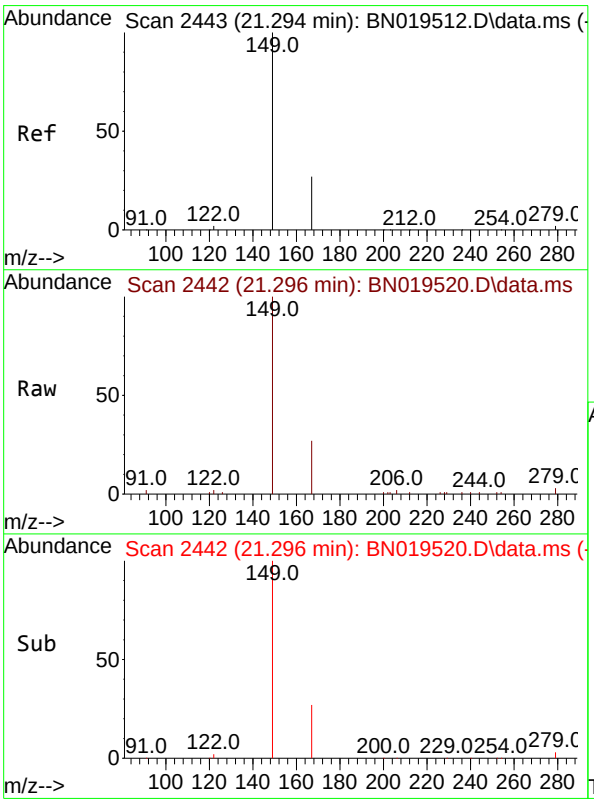
#33
Chrysene
Concen: 0.406 ng
RT: 21.422 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24224

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.0	15.9	23.9

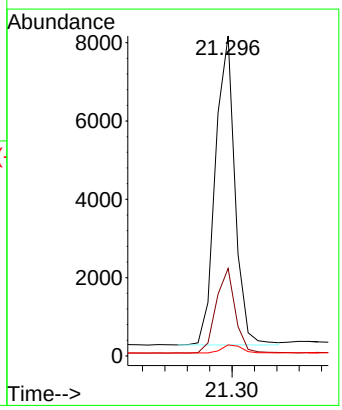


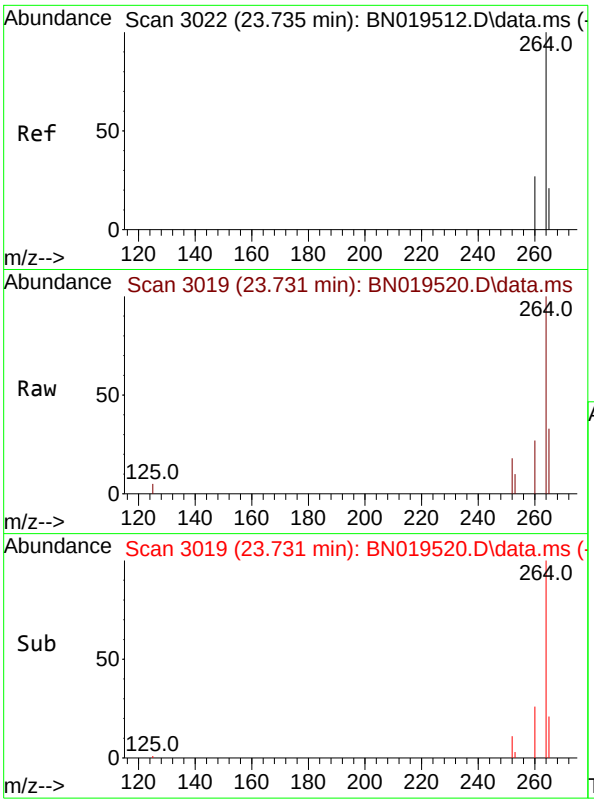


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.296 min Scan# 2442
Delta R.T. 0.002 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:149 Resp: 9567

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	2.9	2.0	3.0



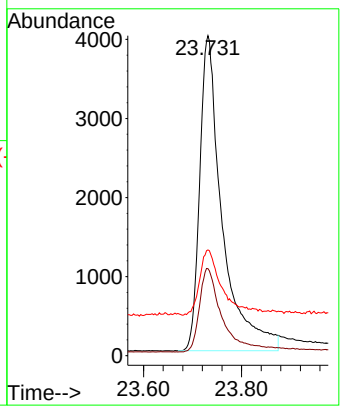


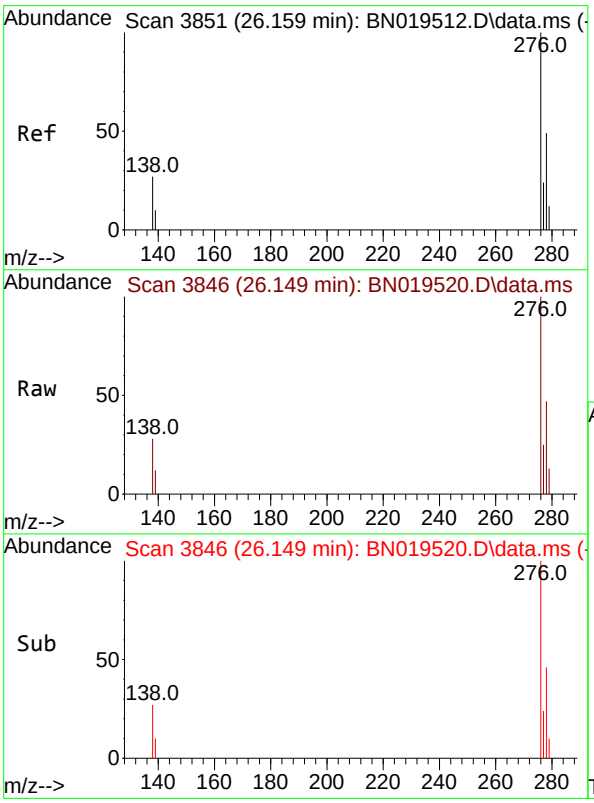
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.731 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 12714

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.4	33.6
265	33.0	25.3	37.9

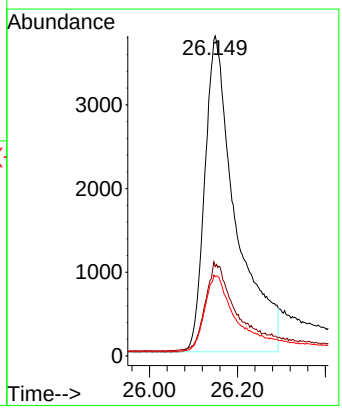


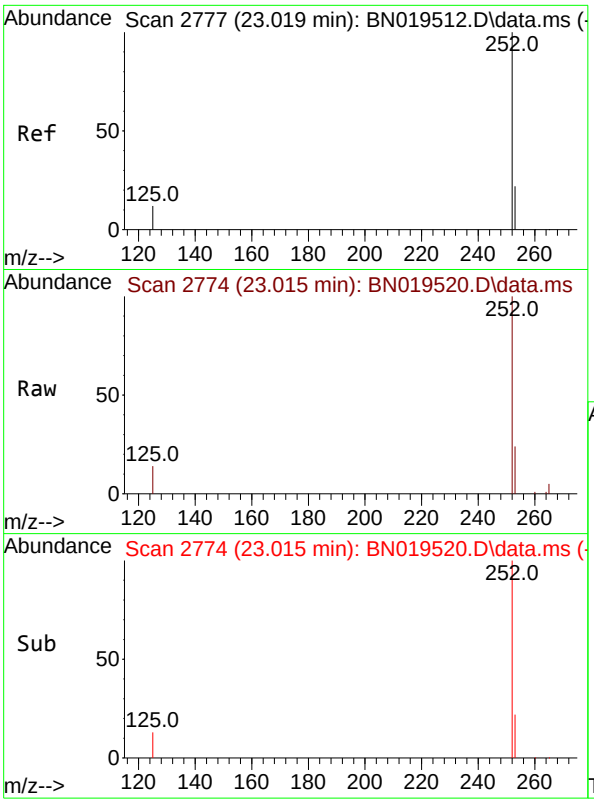


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.149 min Scan# 3846
Delta R.T. -0.009 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:276 Resp: 18512

Ion	Ratio	Lower	Upper
276	100		
138	26.4	24.5	36.7
277	23.9	19.8	29.8



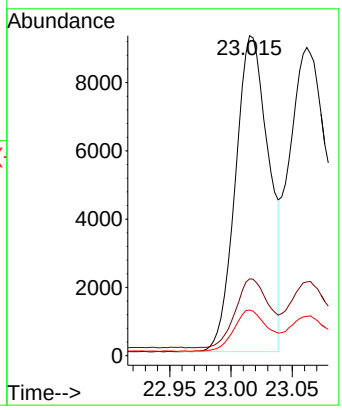


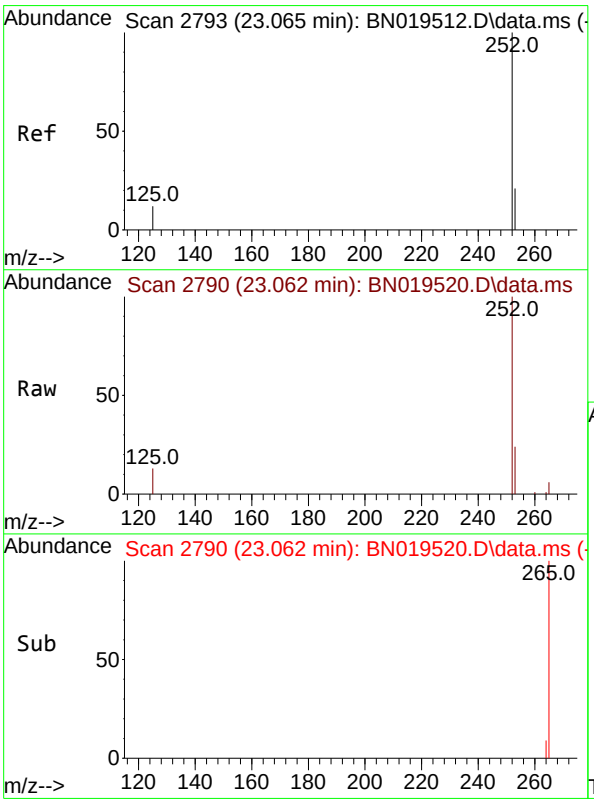
#37
Benzo(b)fluoranthene
Concen: 0.359 ng
RT: 23.015 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17544

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	14.3	12.1	18.1

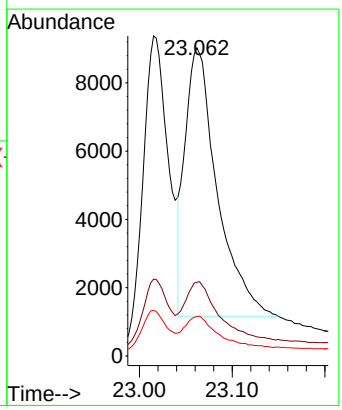


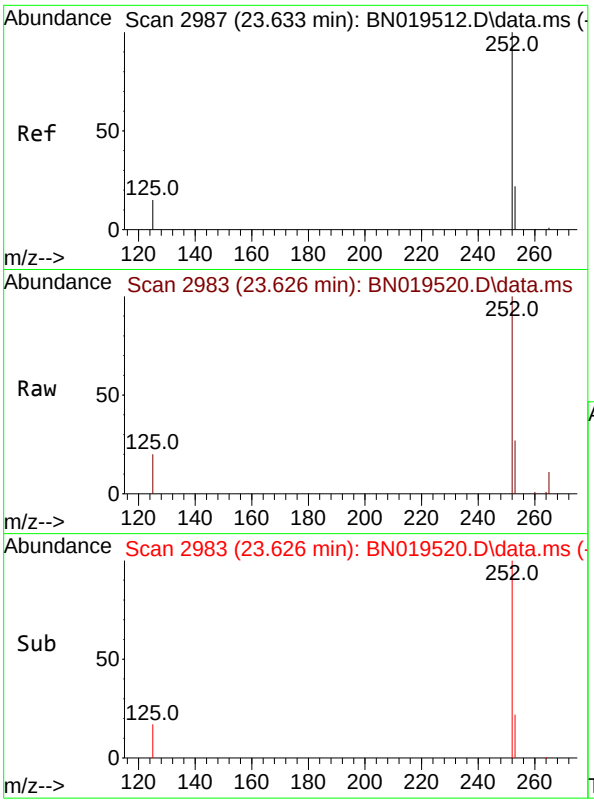


#38
Benzo(k)fluoranthene
Concen: 0.363 ng
RT: 23.062 min Scan# 2790
Delta R.T. -0.003 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:252 Resp: 18981

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	12.8	10.3	15.5



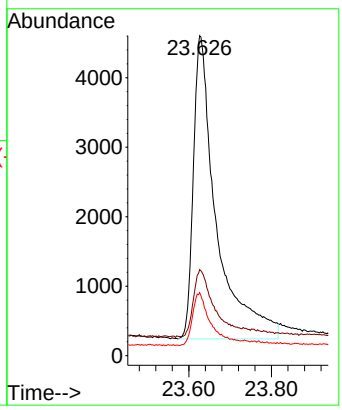


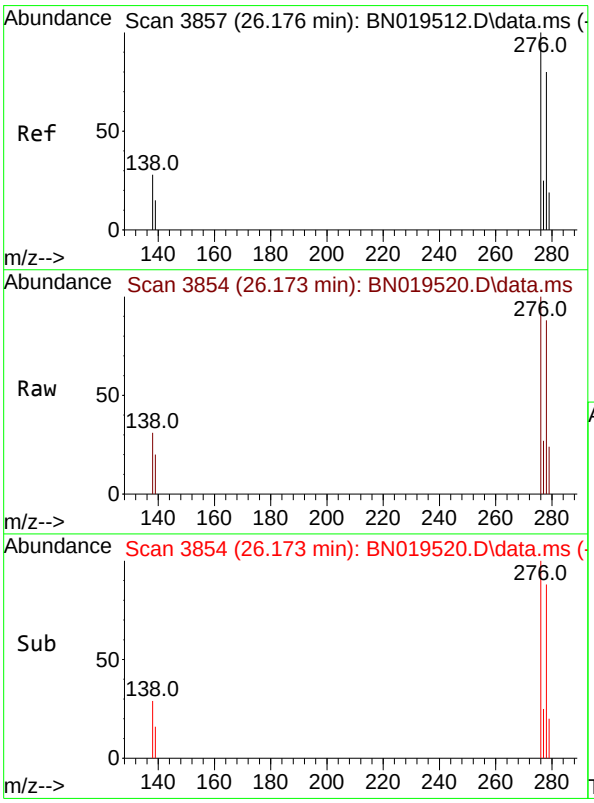
#39
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.626 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16878

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.1	30.1
125	19.7	15.2	22.8

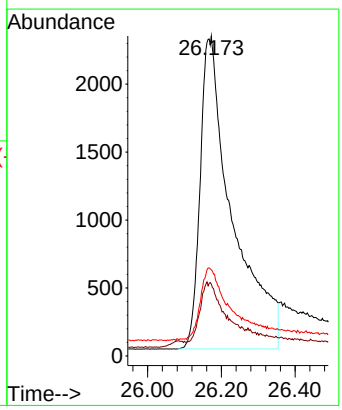


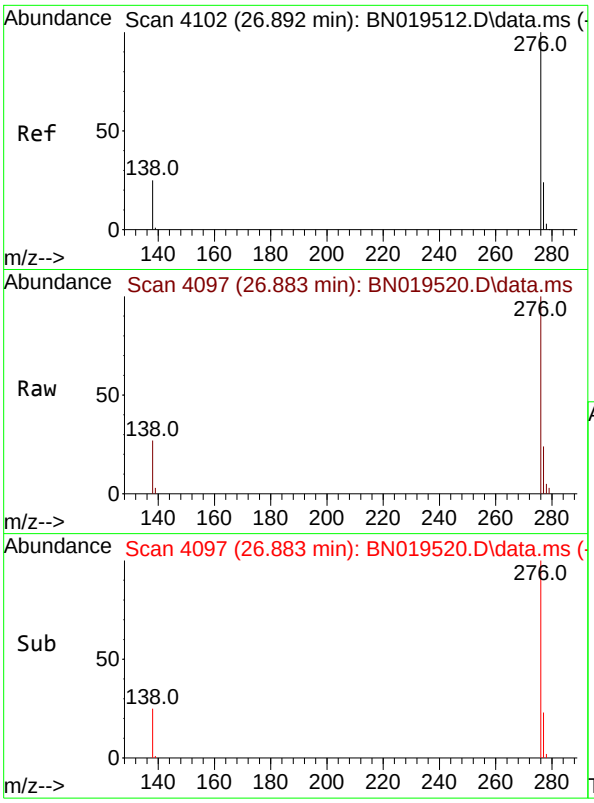


#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.173 min Scan# 3854
Delta R.T. -0.003 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Tgt Ion:278 Resp: 13881

Ion	Ratio	Lower	Upper
278	100		
139	22.5	17.2	25.8
279	26.9	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.384 ng
RT: 26.883 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019520.D
Acq: 22 Apr 2022 13:45

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 19359

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.0
138	26.7	21.0	31.6