Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021680.D
Acq On : 10 Sep 2022 03:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 10 04:29:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	4026	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	13136	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	8111	0.400	ng	0.00
19) Phenanthrene-d10	17.459	188	16736	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	11362	0.400	ng	0.00
35) Perylene-d12	24.164	264	8756	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	4390	0.557	ng	0.00
5) Phenol-d6	7.209	99	5587	0.556	ng	0.00
8) Nitrobenzene-d5	9.232	82	4360	0.491	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	13482	0.455	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1331	0.500	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	13171	0.371	ng	0.00
27) Fluoranthene-d10	19.493	212	17293	0.402	ng	0.00
31) Terphenyl-d14	20.088	244	11471	0.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	1961	0.389	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2105	0.464	ng	# 96
6) bis(2-Chloroethyl)ether	7.476	93	5233	0.414	ng	98
9) Naphthalene	10.941	128	15435	0.397	ng	100
10) Hexachlorobutadiene	11.229	225	2627	0.390	ng	# 100
12) 2-Methylnaphthalene	12.180	142	3198	0.620	ng	97
16) Acenaphthylene	14.440	152	15405	0.404	ng	100
17) Acenaphthene	14.771	154	10554	0.394	ng	99
18) Fluorene	15.765	166	13403	0.405	ng	100
21) 4-Bromophenyl-phenylether	16.649	248	4053	0.387	ng	# 87
22) Hexachlorobenzene	16.762	284	4844	0.378	ng	100
23) Atrazine	16.916	200	3149	0.515	ng	98
24) Pentachlorophenol	17.111	266	1367	0.558	ng	98
25) Phenanthrene	17.500	178	22079	0.382	ng	100
26) Anthracene	17.593	178	18763	0.409	ng	100
28) Fluoranthene	19.522	202	23038	0.384	ng	100
30) Pyrene	19.885	202	25329	0.418	ng	96
32) Benzo(a)anthracene	21.637	228	17362	0.439	ng	100
33) Chrysene	21.691	228	18291	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.548	149	11699	0.734	ng	100
36) Indeno(1,2,3-cd)pyrene	26.807	276	15839	0.401	ng	100
37) Benzo(b)fluoranthene	23.390	252	15398	0.357	ng	97
38) Benzo(k)fluoranthene	23.439	252	14879	0.343	ng	97
39) Benzo(a)pyrene	24.048	252	12337	0.410	ng	# 91
40) Dibenzo(a,h)anthracene	26.831	278	12273	0.386	ng	97
41) Benzo(g,h,i)perylene	27.623	276	13066	0.374	ng	99

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

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Instrument :
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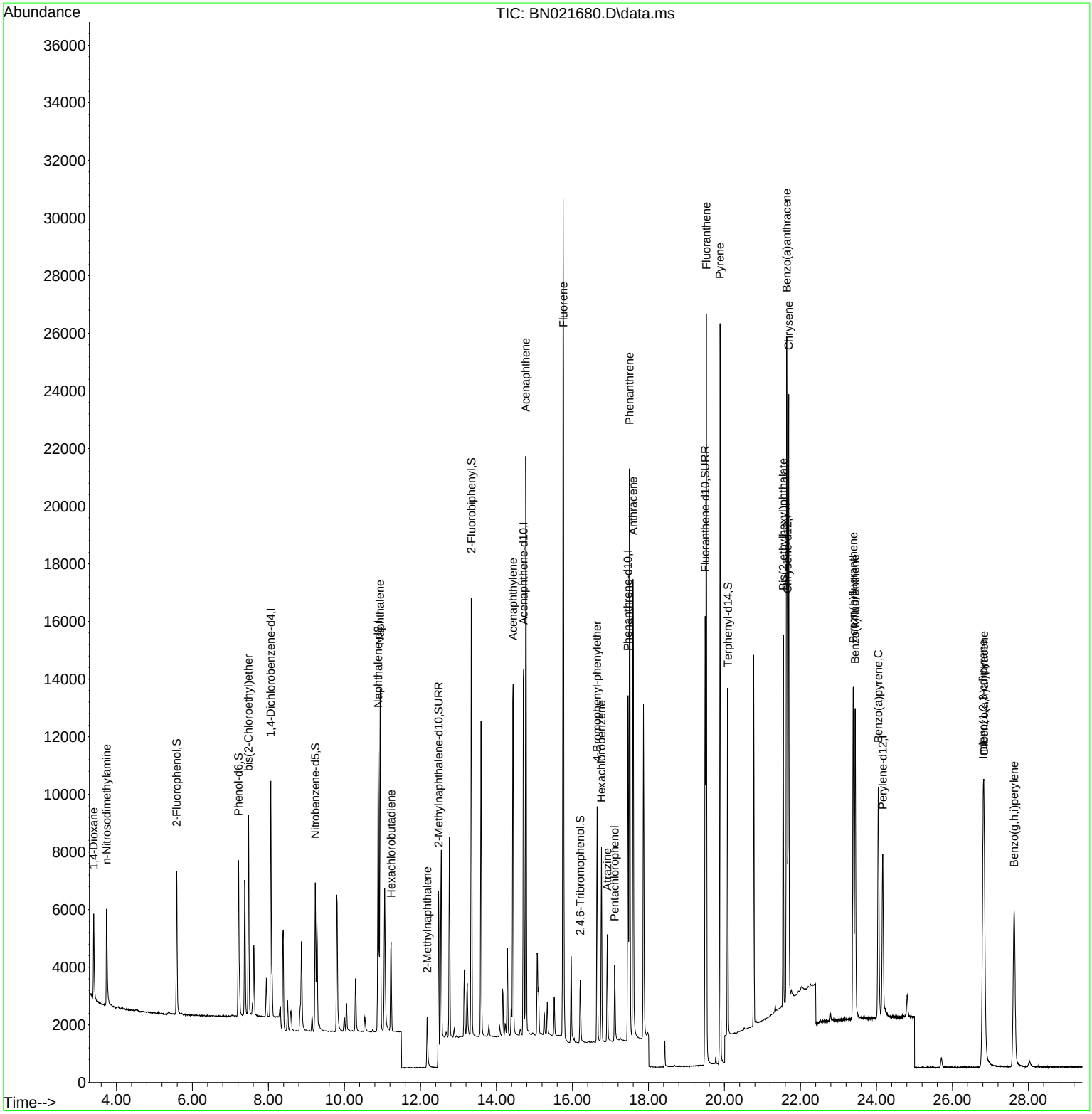
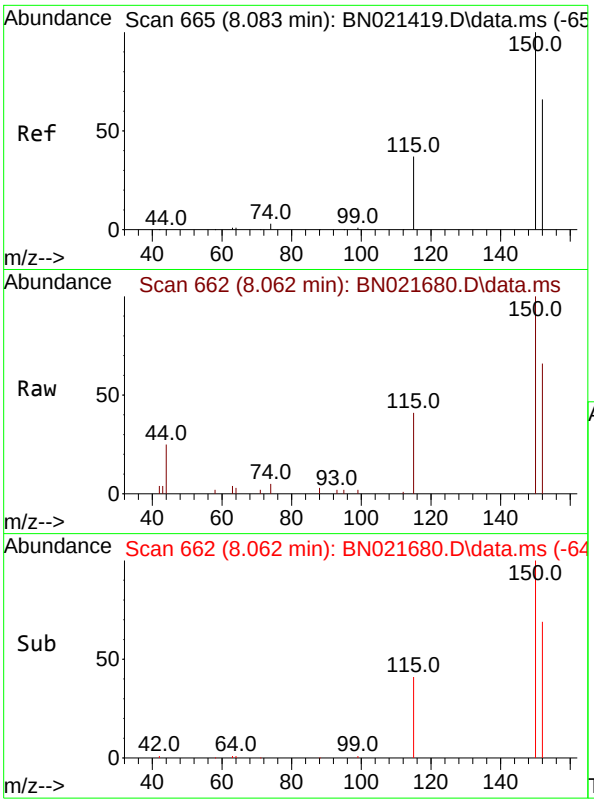
Quant Time: Sep 10 04:29:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration



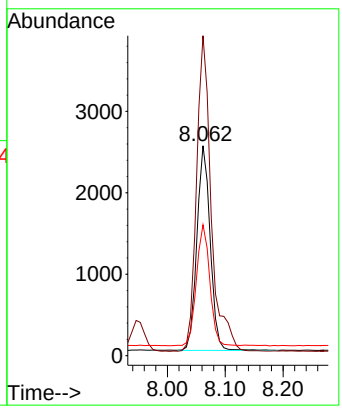


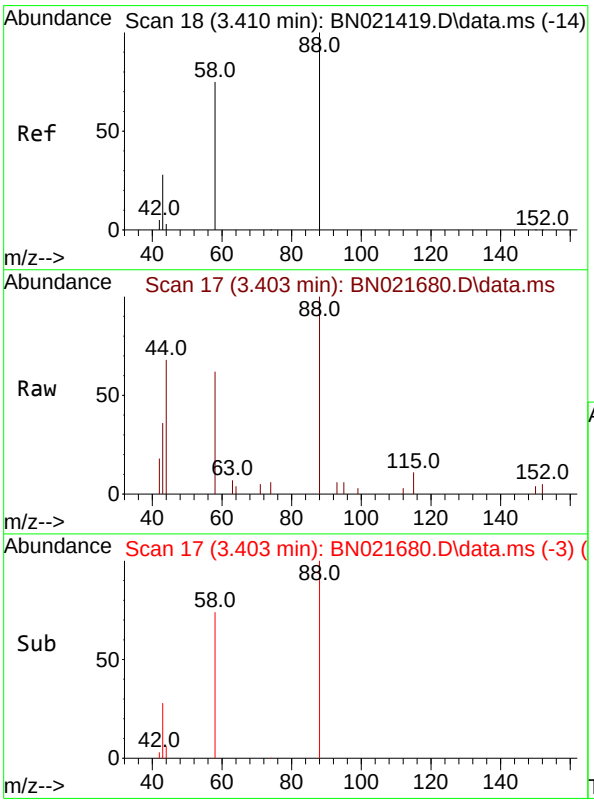
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4026

Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.4	182.0
115	62.3	48.6	72.8

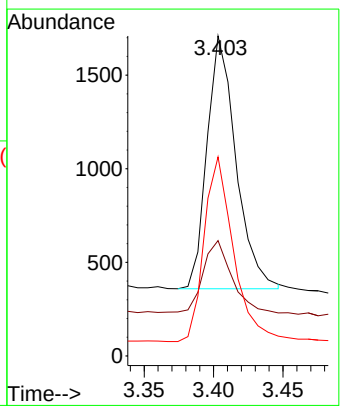


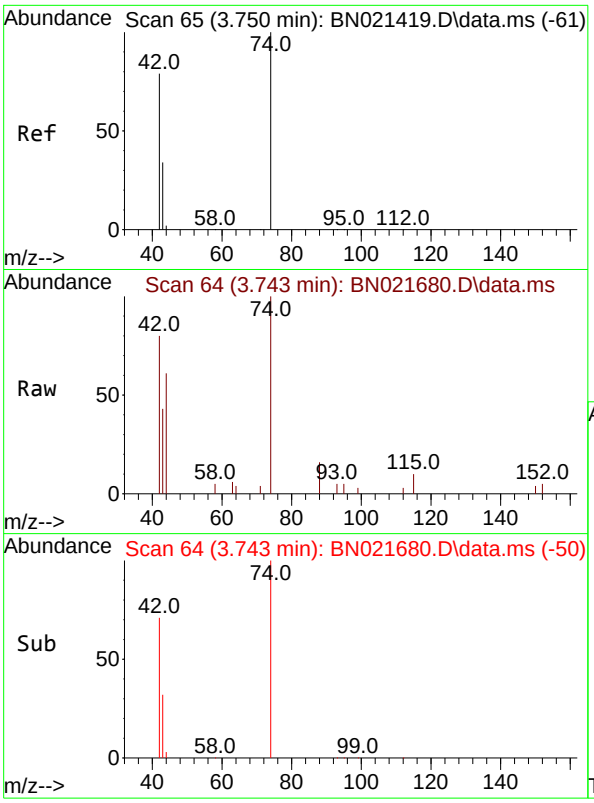


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion: 88 Resp: 1961

Ion	Ratio	Lower	Upper
88	100		
43	28.3	35.8	53.8#
58	73.9	57.1	85.7



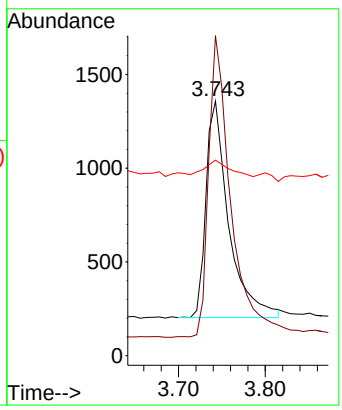


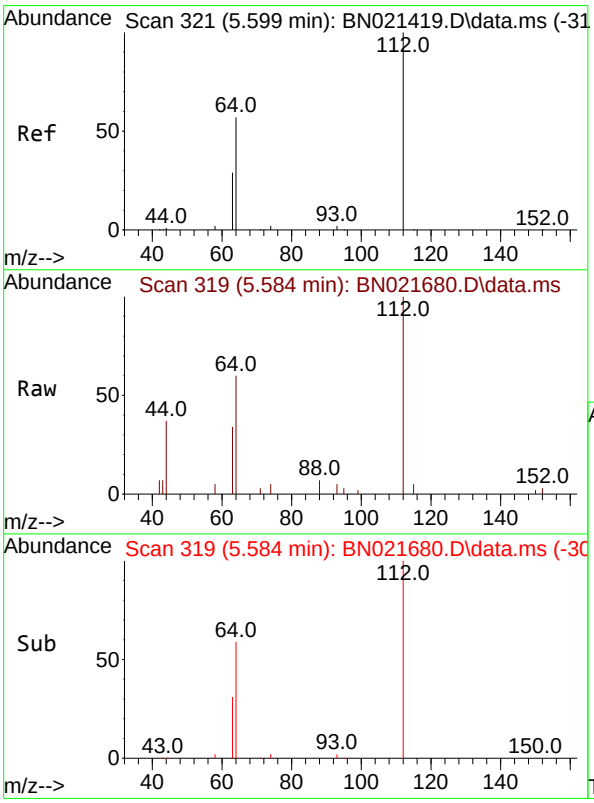
#3
n-Nitrosodimethylamine
Concen: 0.464 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2105

Ion	Ratio	Lower	Upper
42	100		
74	136.3	113.0	169.6
44	9.7	10.5	15.7#

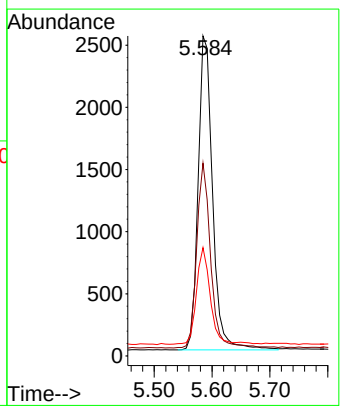


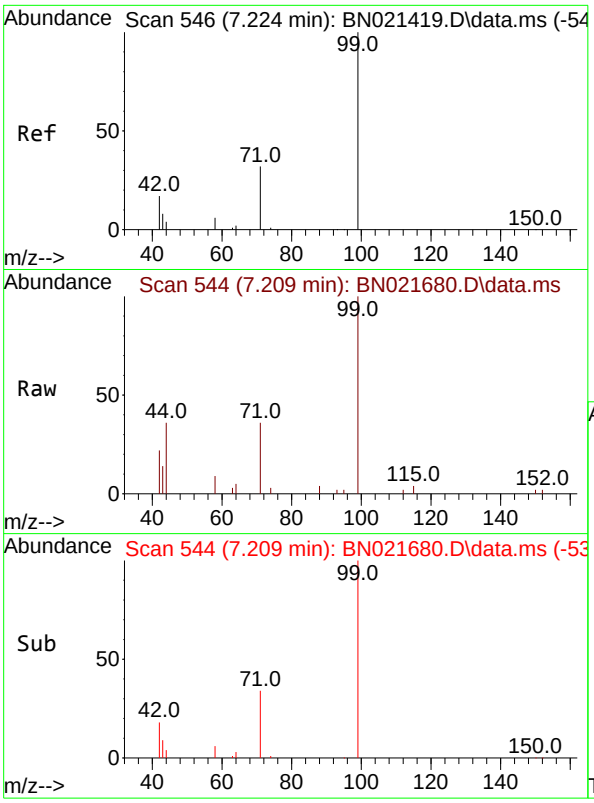


#4
2-Fluorophenol
Concen: 0.557 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:112 Resp: 4390

Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.5	65.3
63	29.1	22.6	34.0



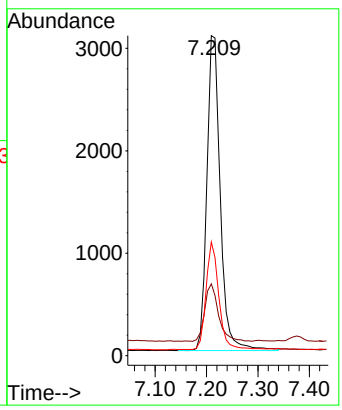


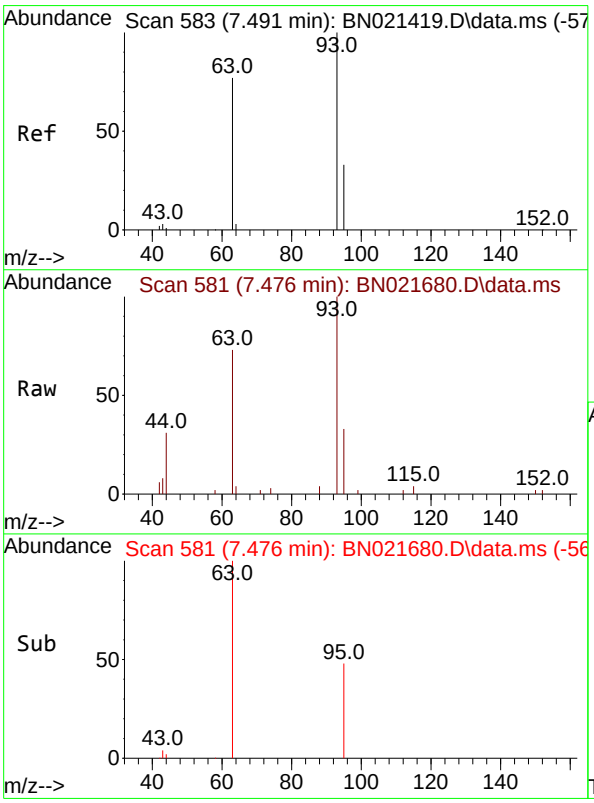
#5
Phenol-d6
Concen: 0.556 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5587

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.5	23.3
71	32.5	24.2	36.2

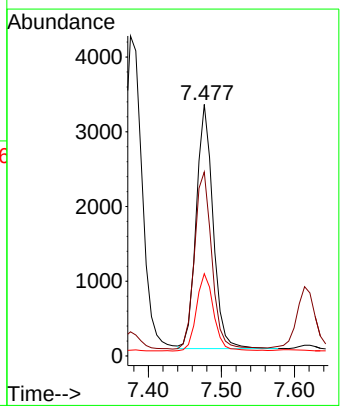


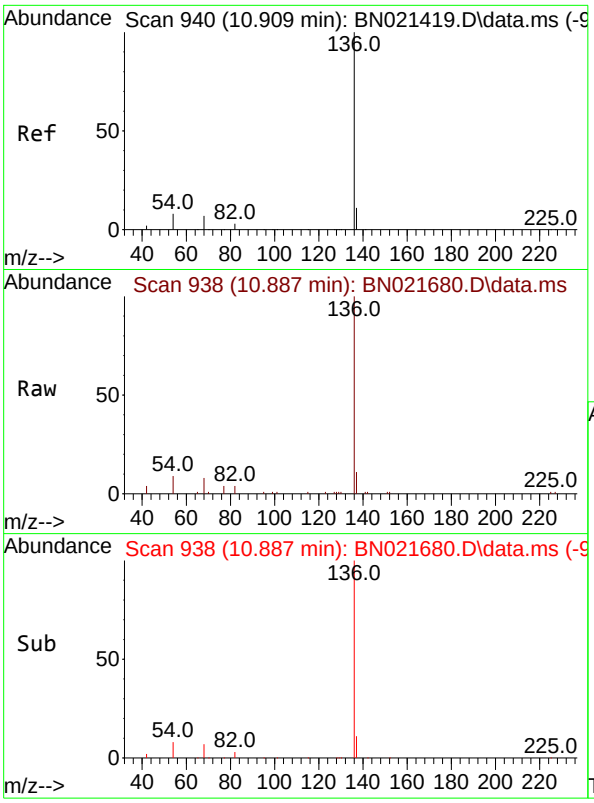


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.476 min Scan# 581
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion: 93 Resp: 5233

Ion	Ratio	Lower	Upper
93	100		
63	74.9	57.8	86.8
95	32.4	25.9	38.9



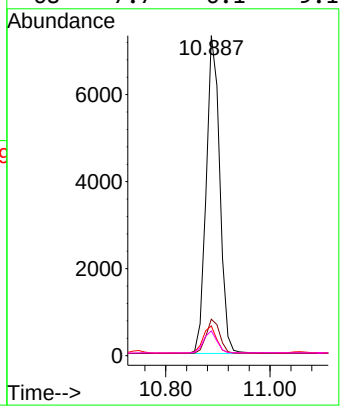


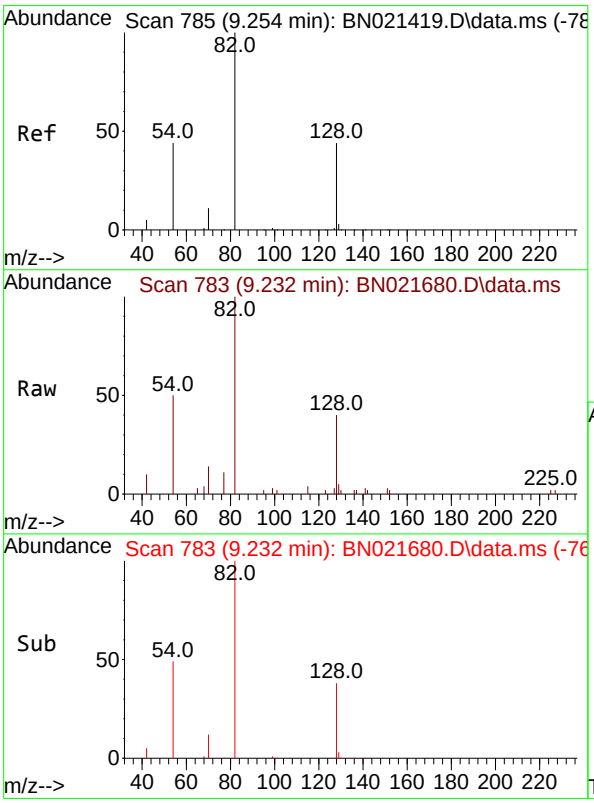
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13136

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.3	6.9	10.3
68	7.7	6.1	9.1

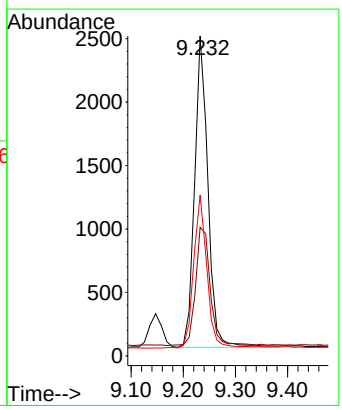


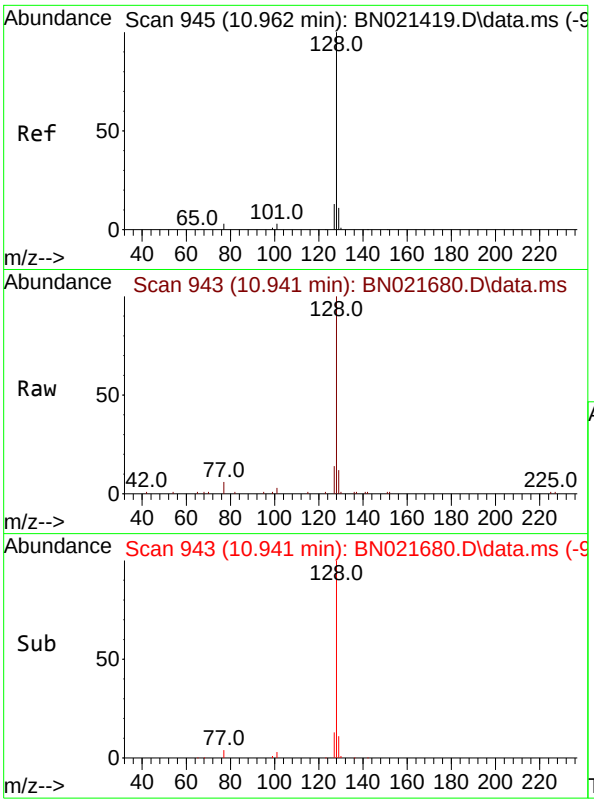


#8
Nitrobenzene-d5
Concen: 0.491 ng
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion: 82 Resp: 4360

Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.9	46.3
54	50.3	42.7	64.1



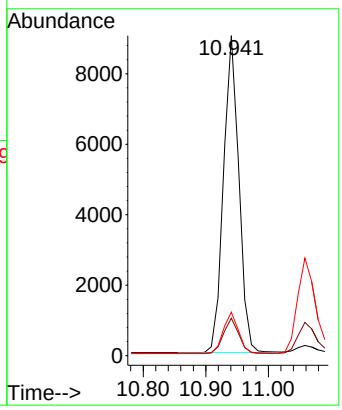


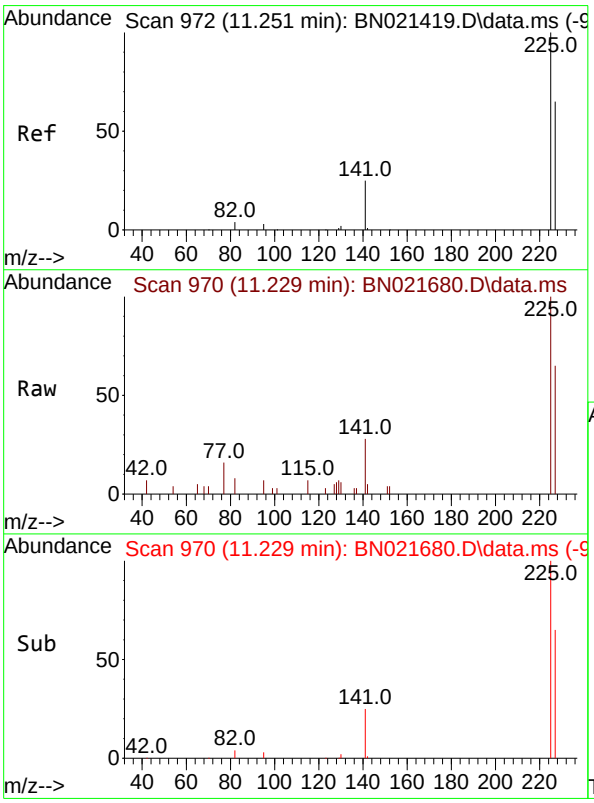
#9
Naphthalene
Concen: 0.397 ng
RT: 10.941 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15435

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.6	11.0	16.4

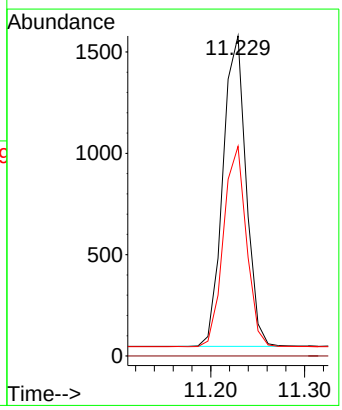


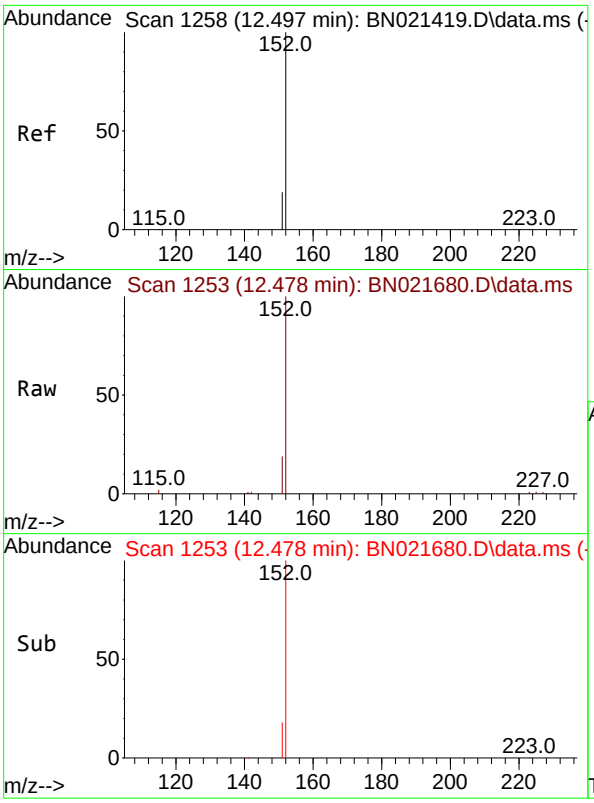


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:225 Resp: 2627

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



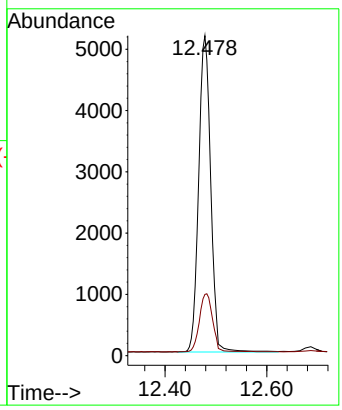


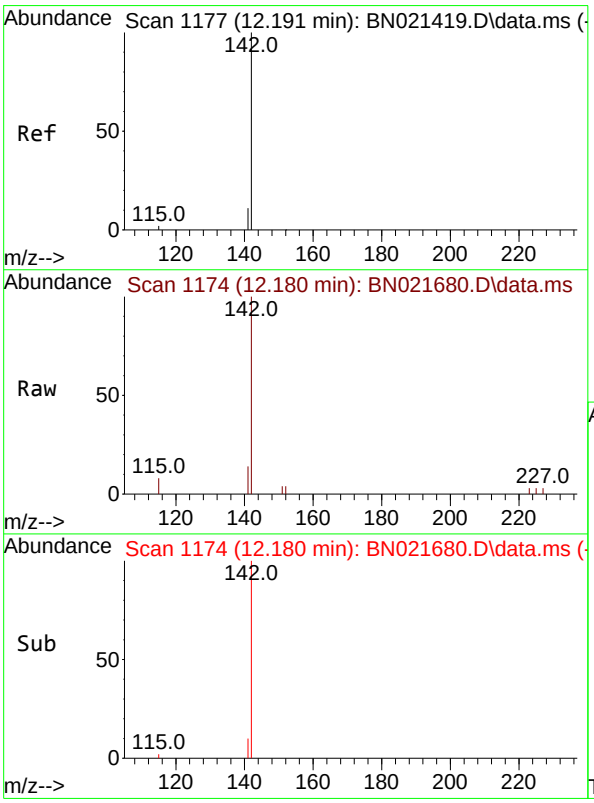
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13482

Ion	Ratio	Lower	Upper
152	100		
151	18.6	14.5	21.7

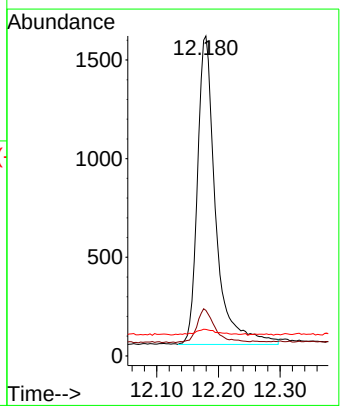


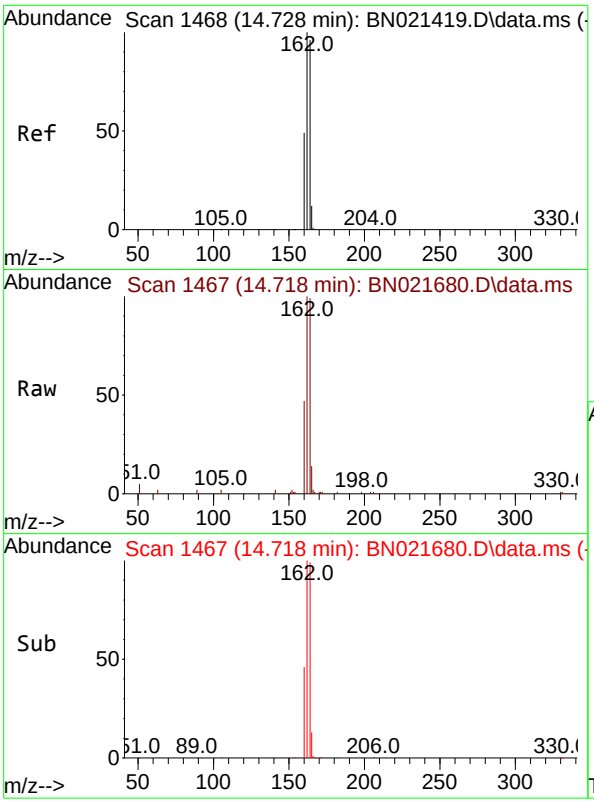


#12
2-Methylnaphthalene
Concen: 0.620 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:142 Resp: 3198

Ion	Ratio	Lower	Upper
142	100		
141	14.2	12.2	18.2
115	8.3	7.9	11.9



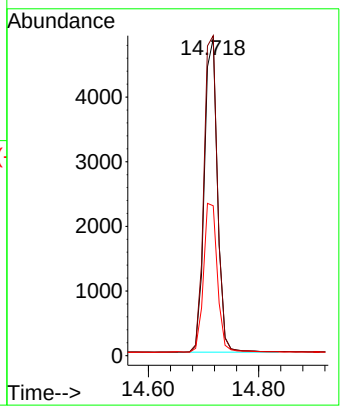


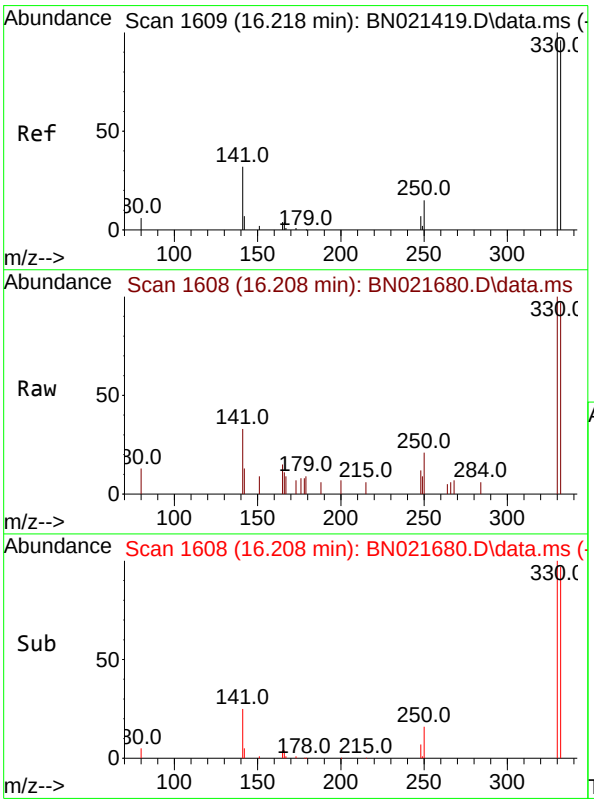
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8111

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.4
160	47.3	39.5	59.3

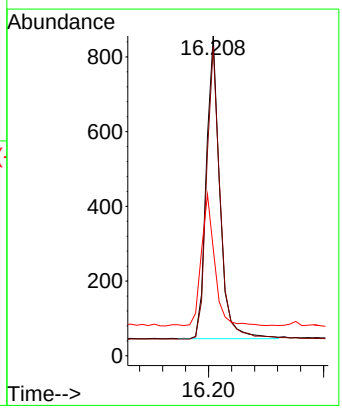


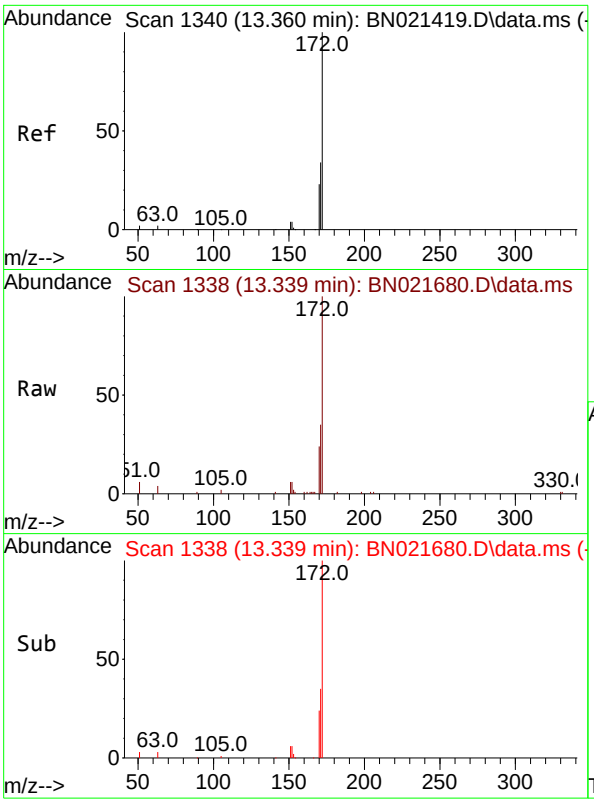


#14
2,4,6-Tribromophenol
Concen: 0.500 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:330 Resp: 1331

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.3	118.9
141	43.0	37.1	55.7



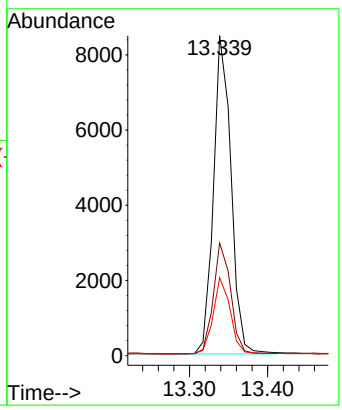


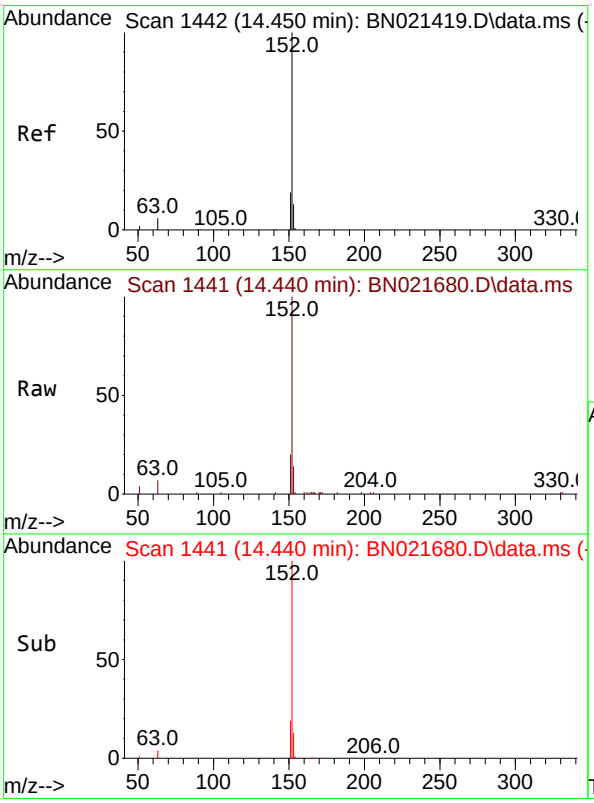
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13171

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	24.4	18.6	28.0

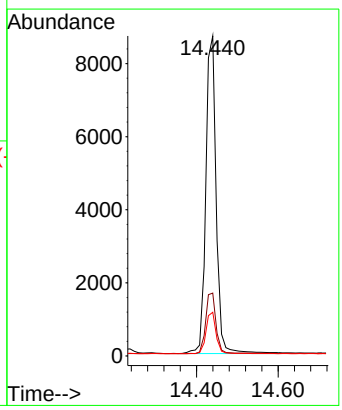


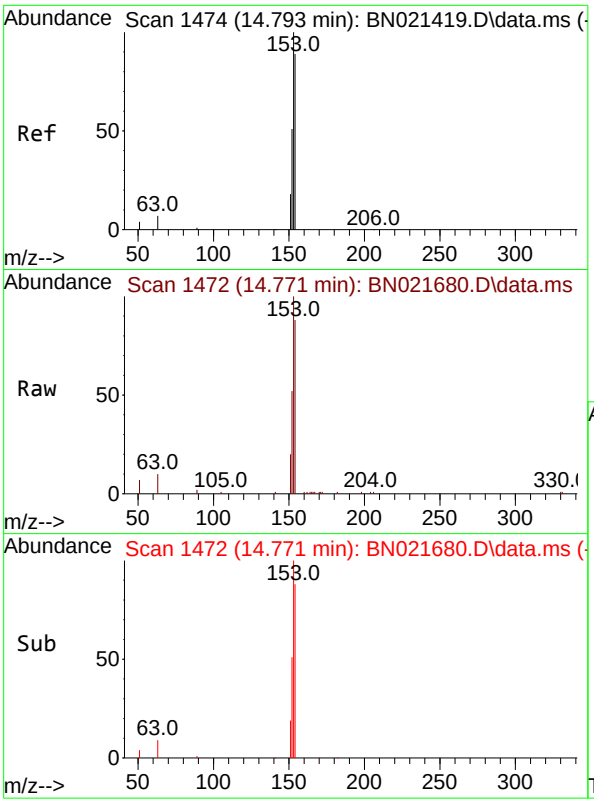


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:152 Resp: 15405

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.3	15.5



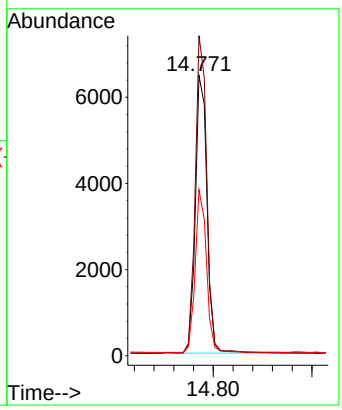


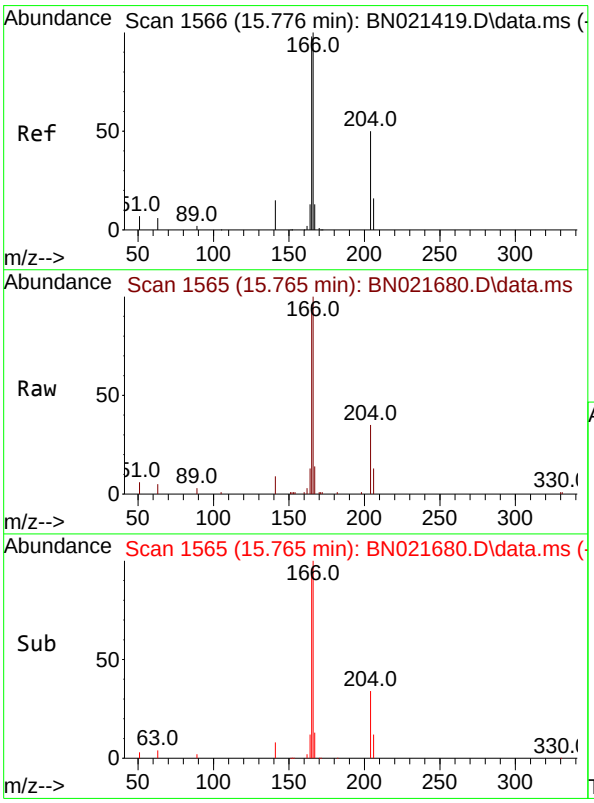
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10554

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.5	134.3
152	57.1	45.5	68.3

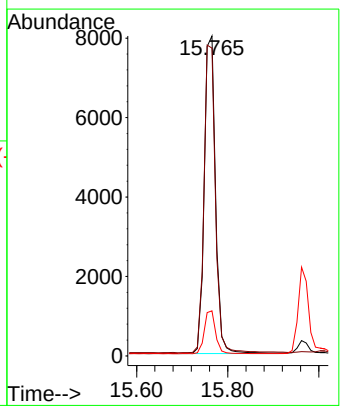


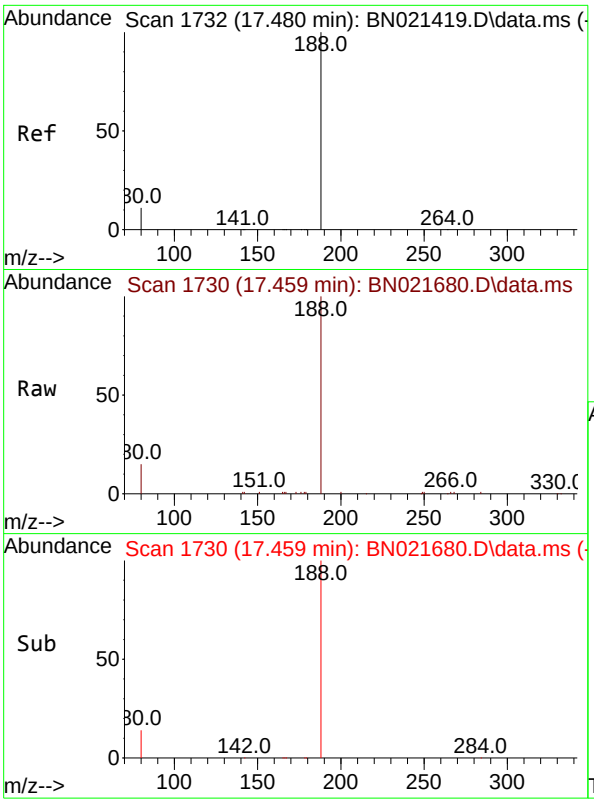


#18
Fluorene
Concen: 0.405 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:166 Resp: 13403

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.7	10.6	16.0



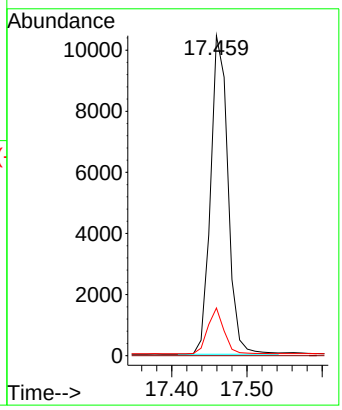


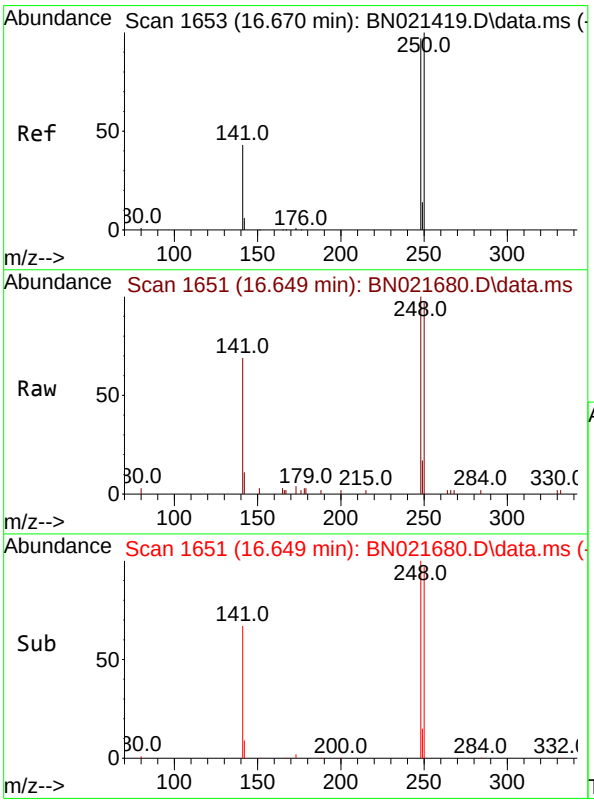
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16736

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	9.5	14.3#

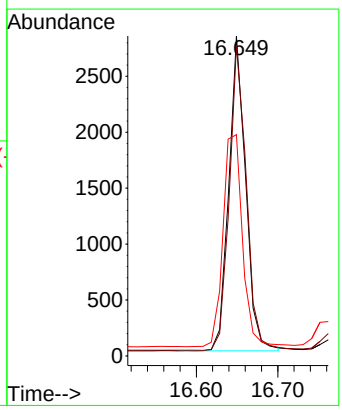


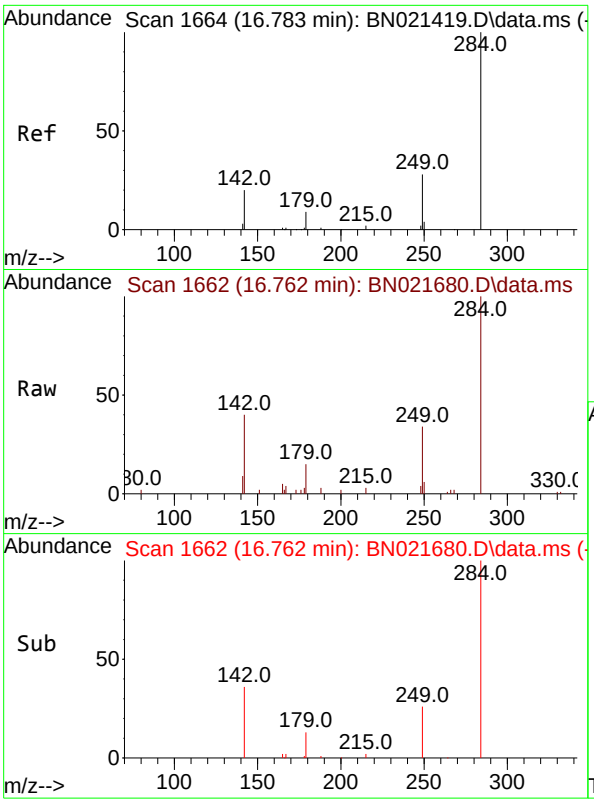


#21
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.649 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:248 Resp: 4053

Ion	Ratio	Lower	Upper
248	100		
250	97.0	81.8	122.6
141	69.1	38.5	57.7#



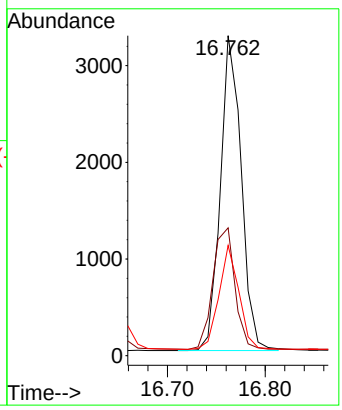


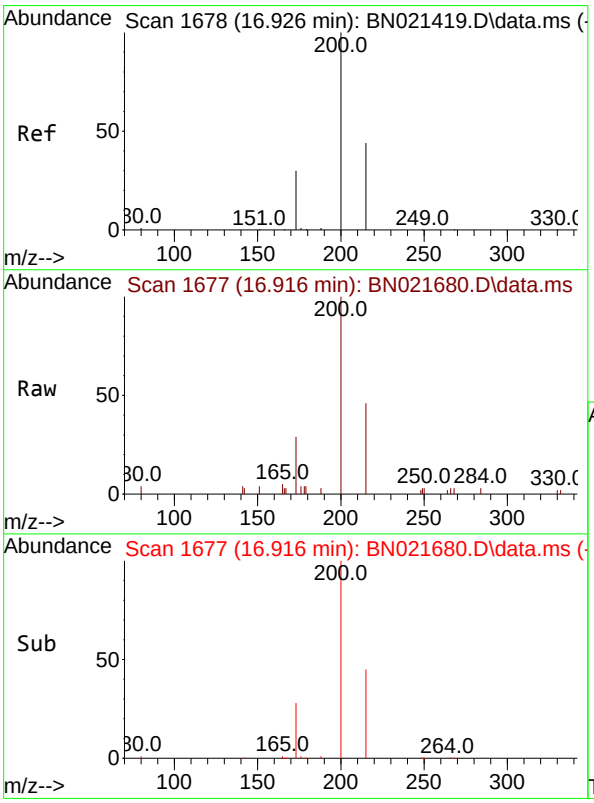
#22
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.762 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4844

Ion	Ratio	Lower	Upper
284	100		
142	40.5	32.3	48.5
249	31.5	25.4	38.2

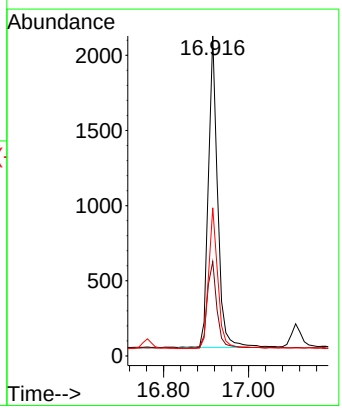


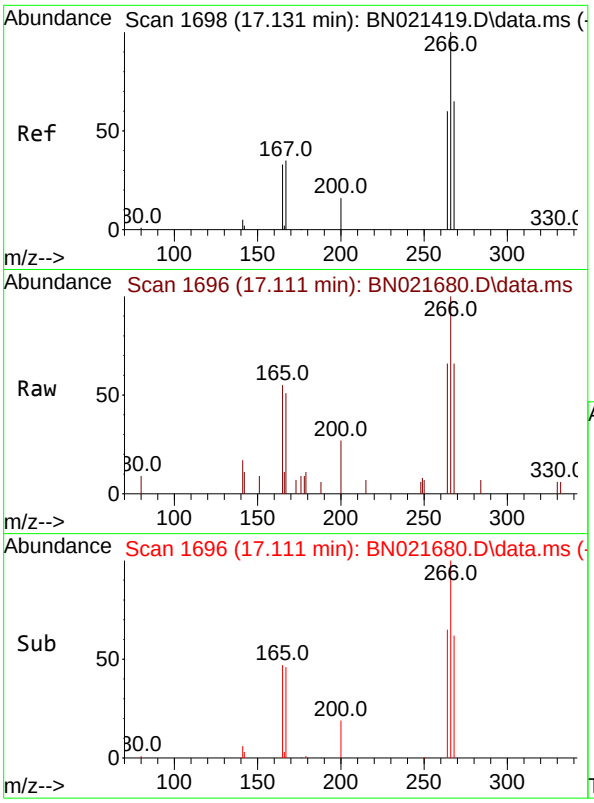


#23
Atrazine
Concen: 0.515 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:200 Resp: 3149

Ion	Ratio	Lower	Upper
200	100		
173	29.5	24.3	36.5
215	46.3	38.4	57.6



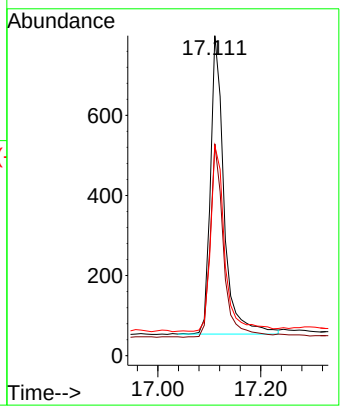


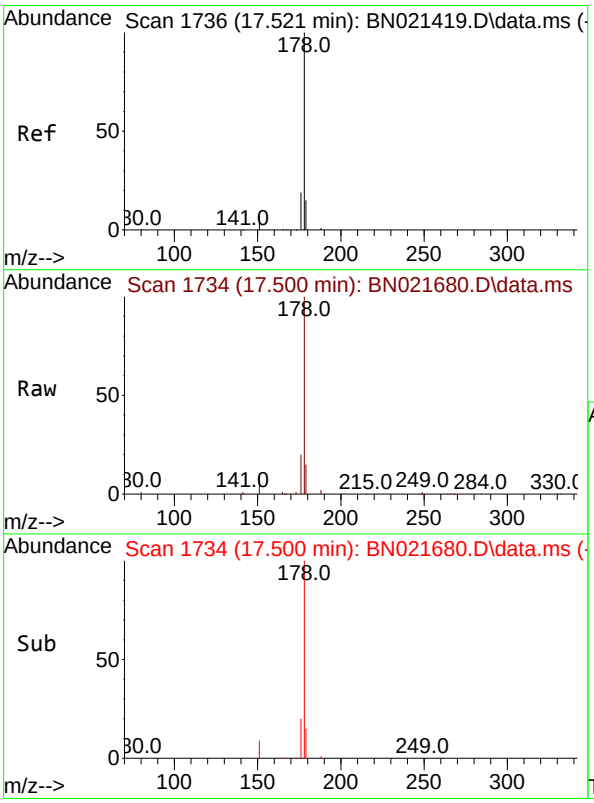
#24
Pentachlorophenol
Concen: 0.558 ng
RT: 17.111 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1367

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.0	73.6
268	64.9	50.9	76.3

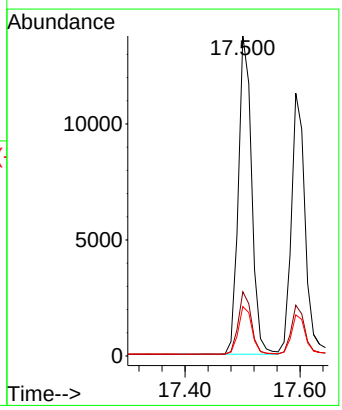


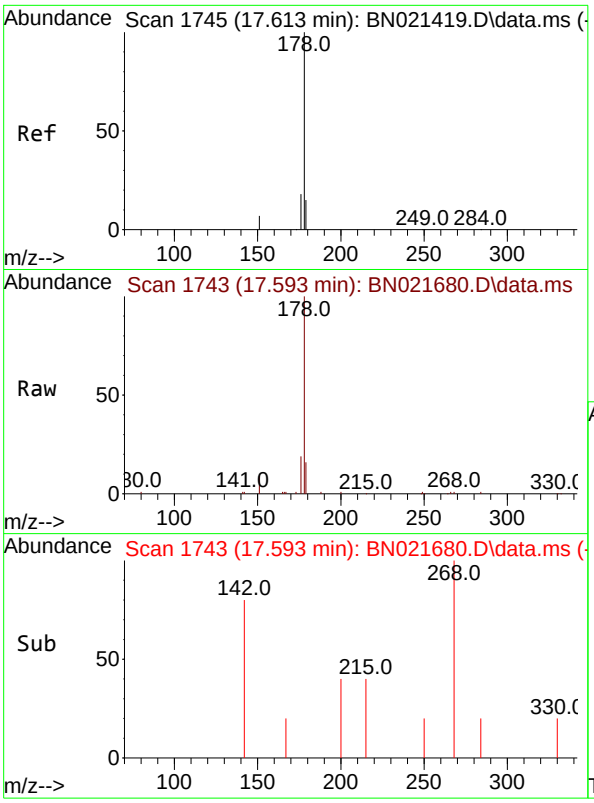


#25
Phenanthrene
Concen: 0.382 ng
RT: 17.500 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:178 Resp: 22079

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4



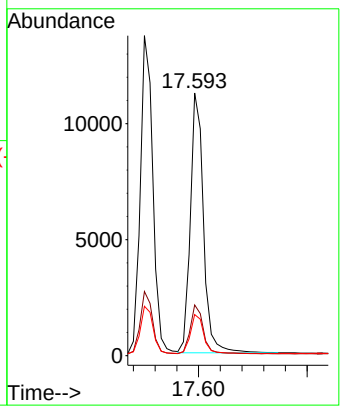


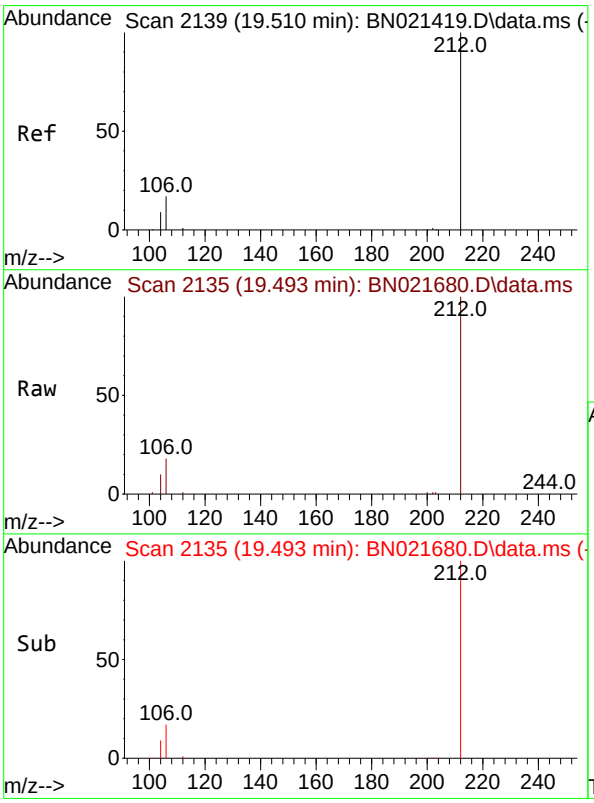
#26
Anthracene
Concen: 0.409 ng
RT: 17.593 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18763

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.3	12.2	18.2

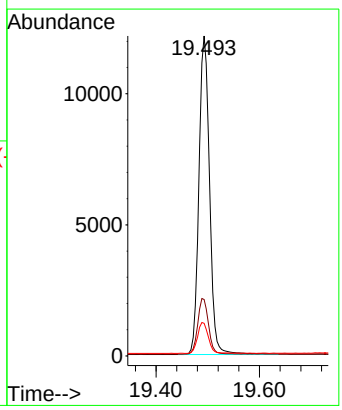


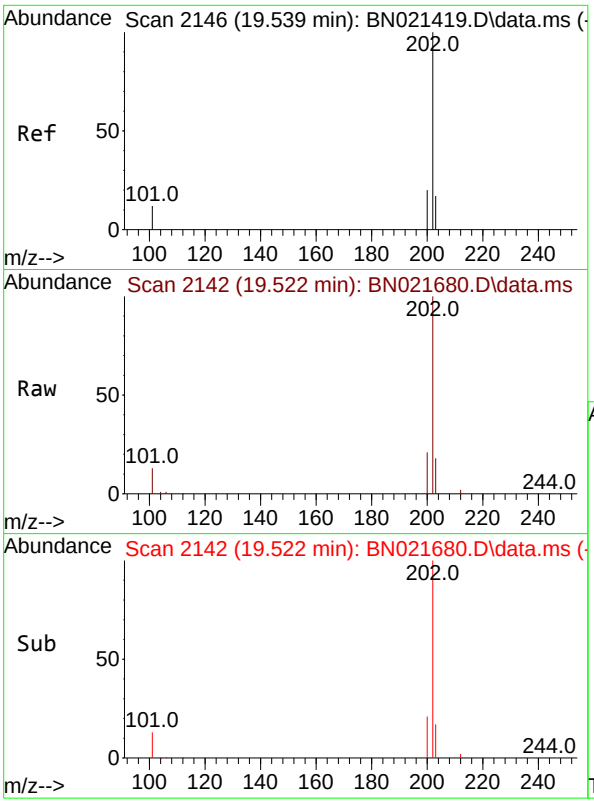


#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.493 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:212 Resp: 17293

Ion	Ratio	Lower	Upper
212	100		
106	17.7	14.2	21.2
104	9.8	7.8	11.6



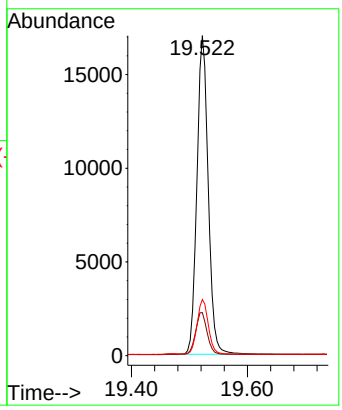


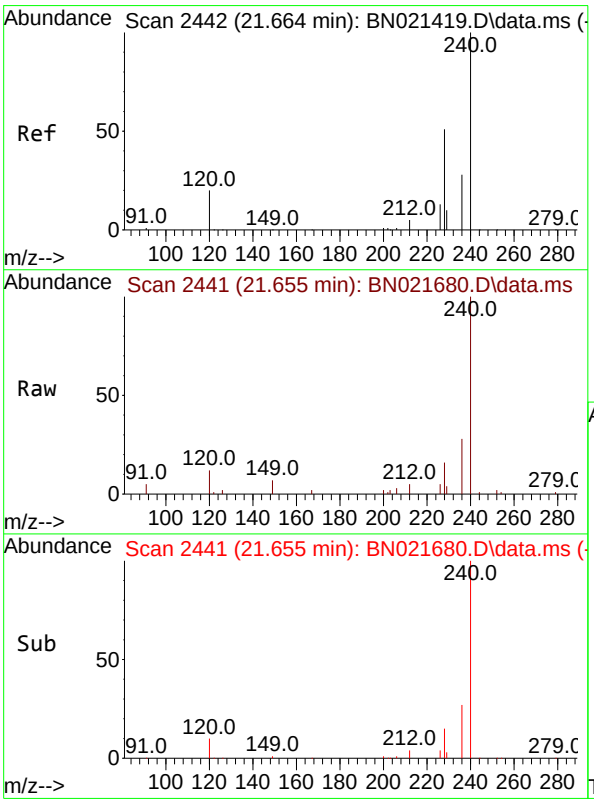
#28
Fluoranthene
Concen: 0.384 ng
RT: 19.522 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 23038

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	17.0	13.8	20.6

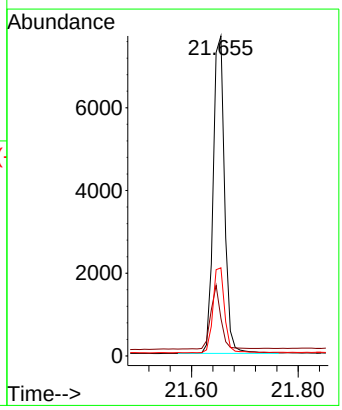


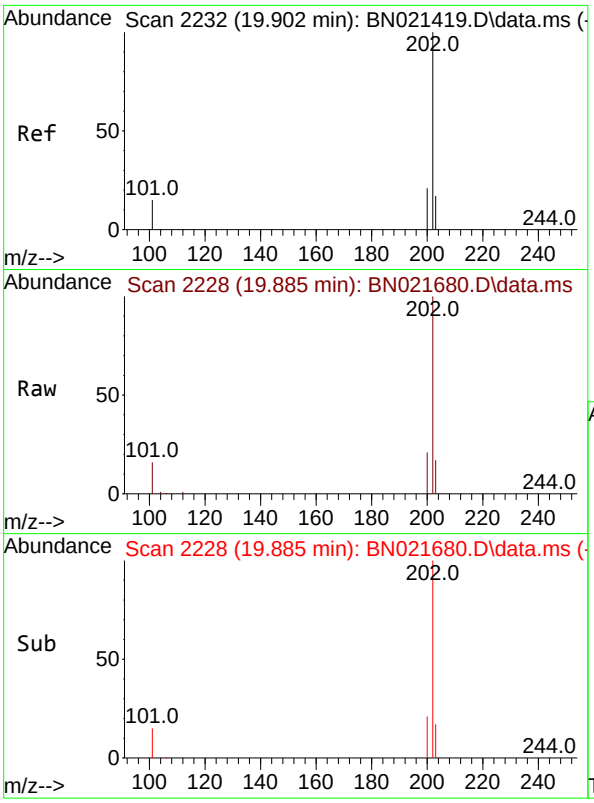


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:240 Resp: 11362

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.2	15.4
236	27.6	22.1	33.1



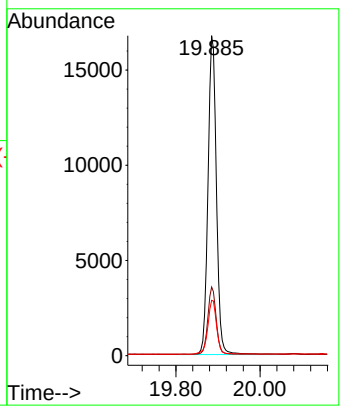


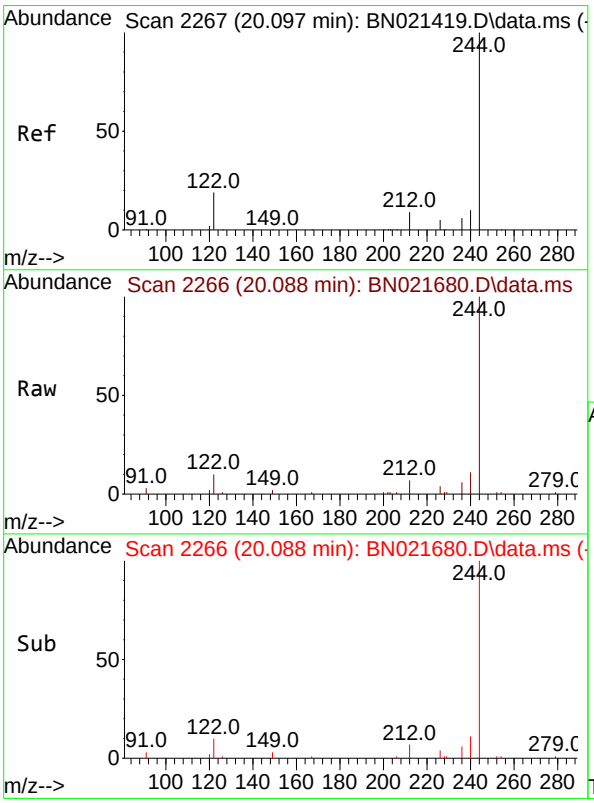
#30
Pyrene
Concen: 0.418 ng
RT: 19.885 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 25329

Ion	Ratio	Lower	Upper
202	100		
200	19.2	13.9	20.9
203	16.4	11.9	17.9

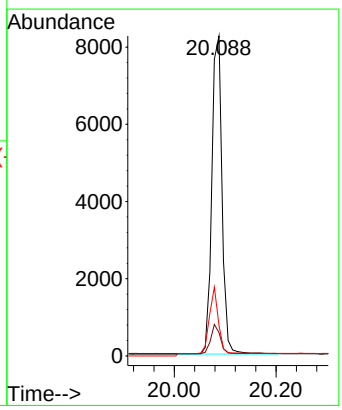


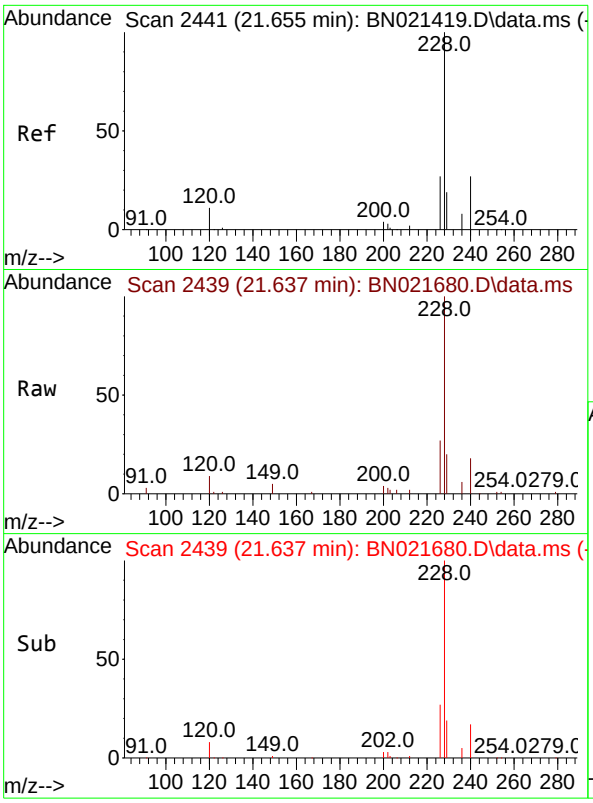


#31
Terphenyl-d14
Concen: 0.449 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:244 Resp: 11471

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.5	9.1	13.7



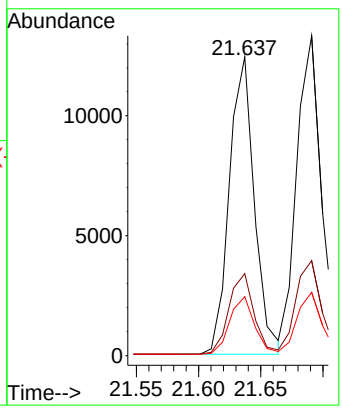


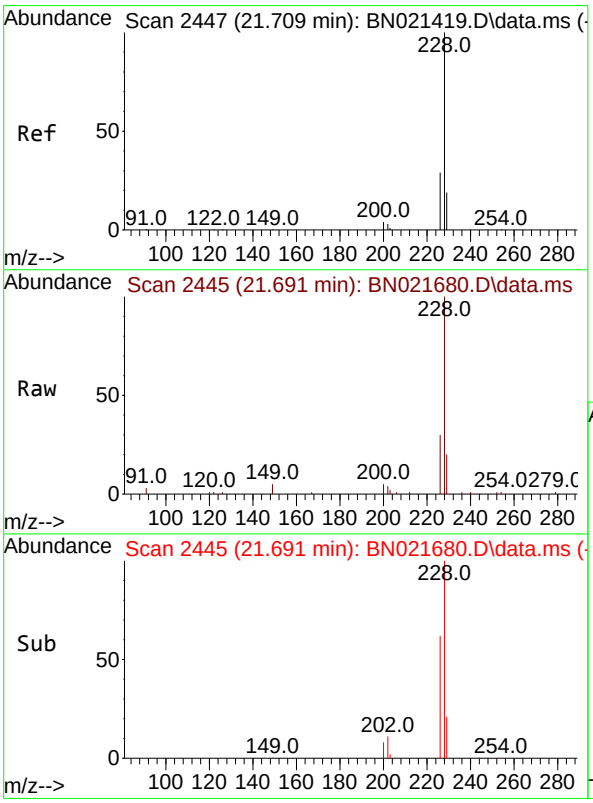
#32
Benzo(a)anthracene
Concen: 0.439 ng
RT: 21.637 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17362

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.0	33.0
229	19.8	15.9	23.9

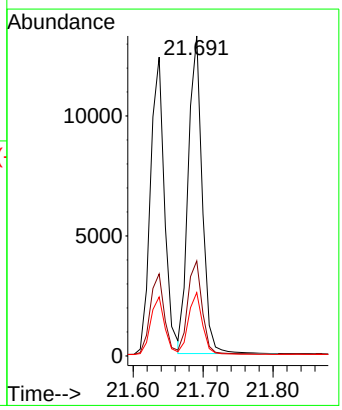


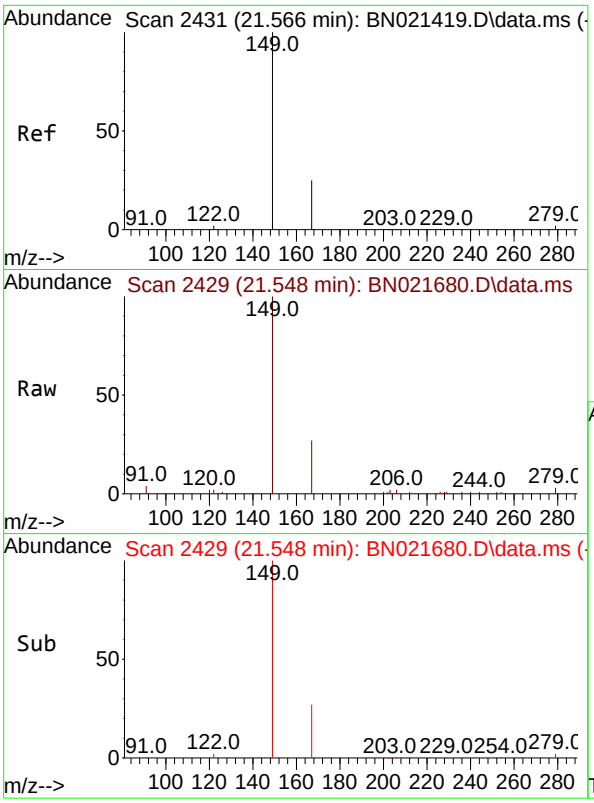


#33
Chrysene
Concen: 0.388 ng
RT: 21.691 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:228 Resp: 18291

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.8	15.9	23.9



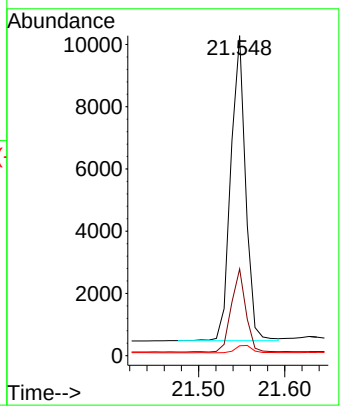


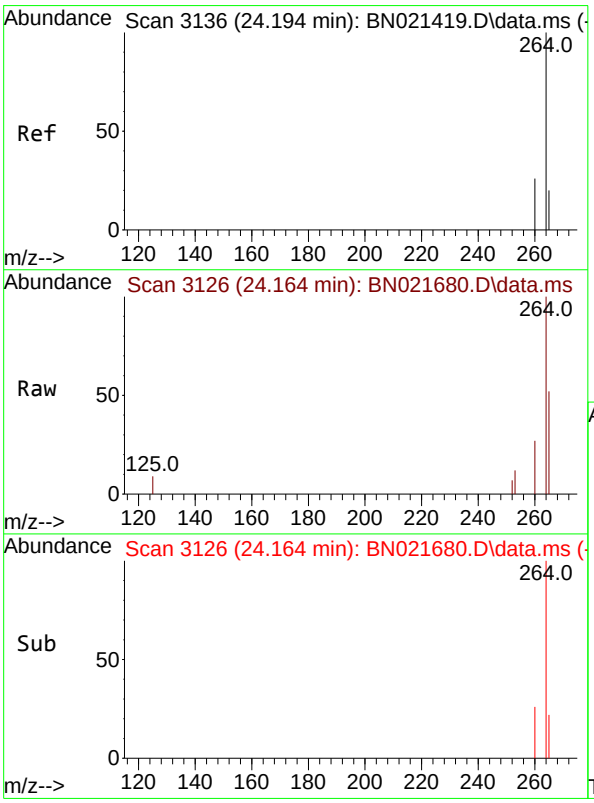
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.734 ng
RT: 21.548 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 11699

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.0
279	2.8	2.2	3.2

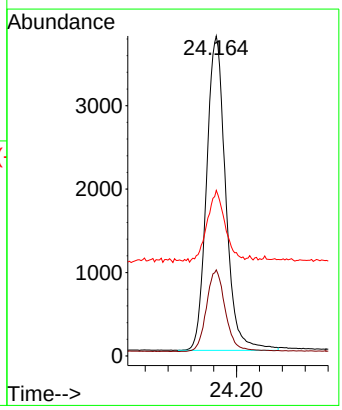


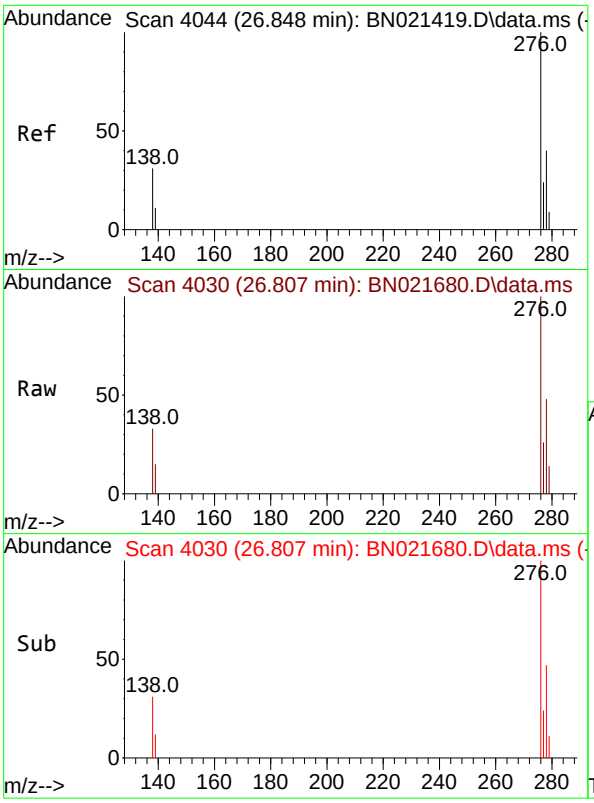


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.164 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:264 Resp: 8756

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	51.7	32.2	48.2#



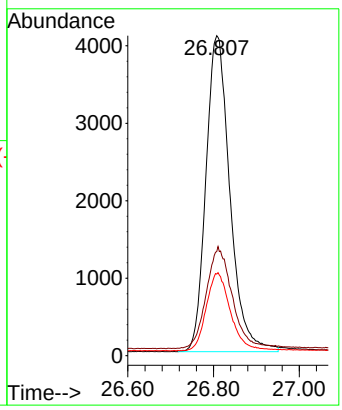


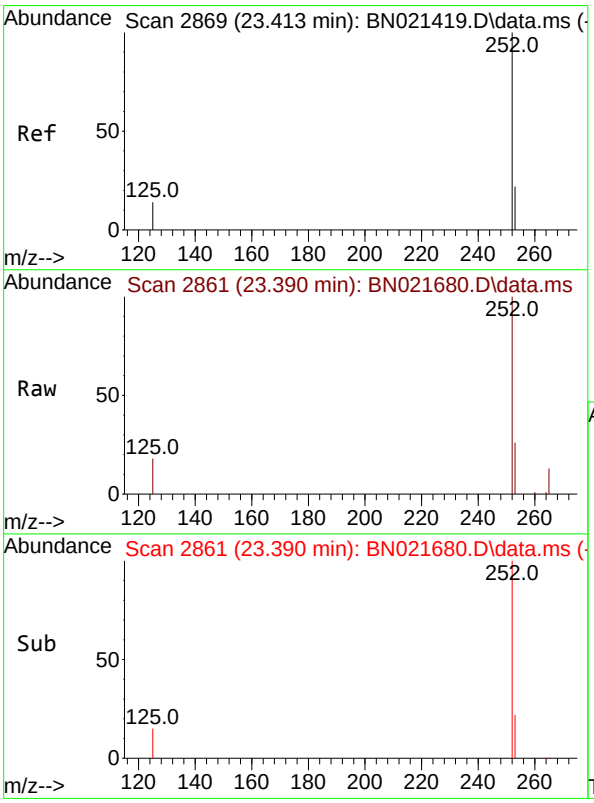
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.807 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15839

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	24.9	19.9	29.9

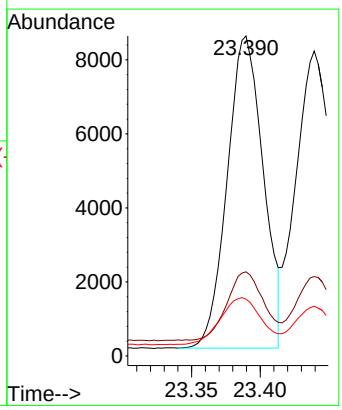


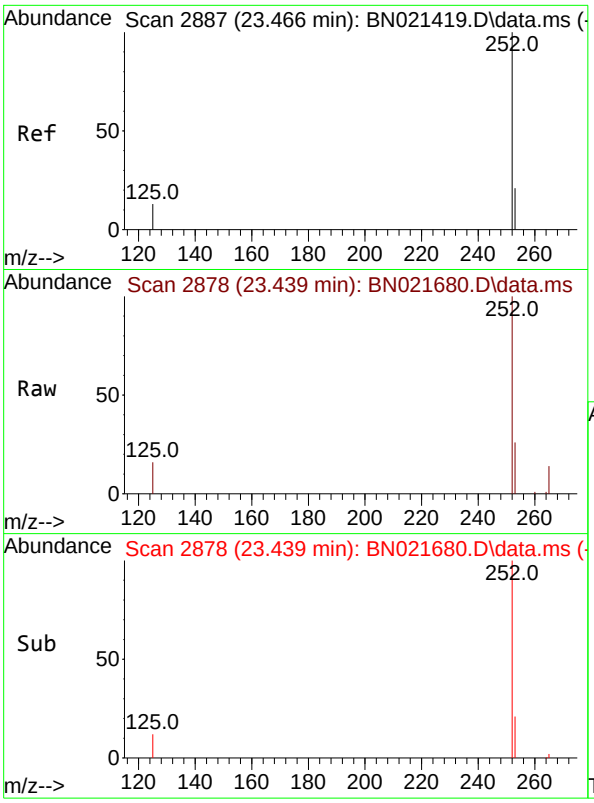


#37
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 23.390 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:252 Resp: 15398

Ion	Ratio	Lower	Upper
252	100		
253	26.3	19.8	29.6
125	17.8	13.7	20.5



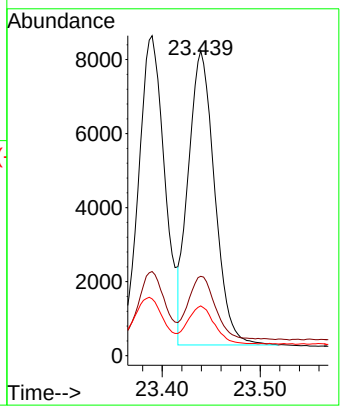


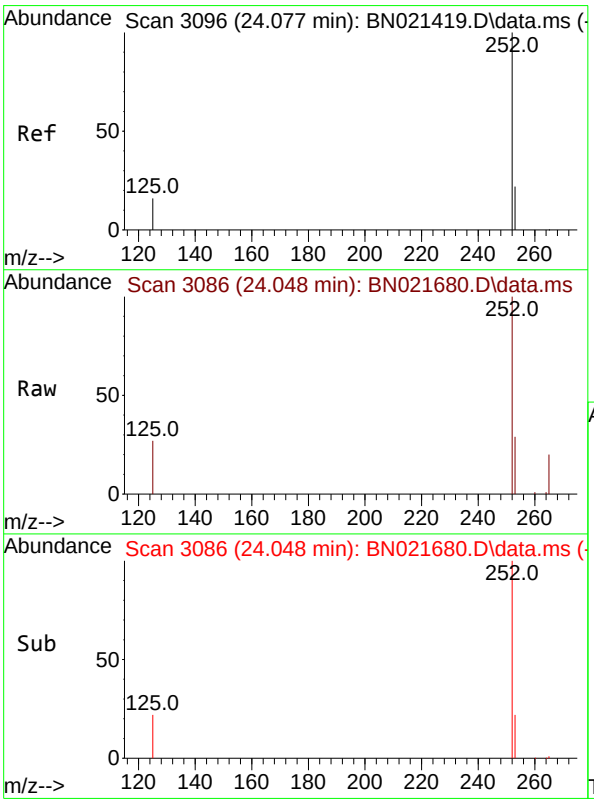
#38
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.439 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14879

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.5	29.3
125	16.3	12.3	18.5

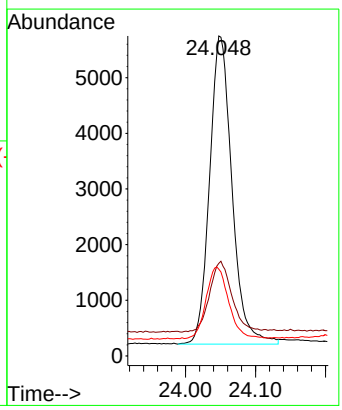


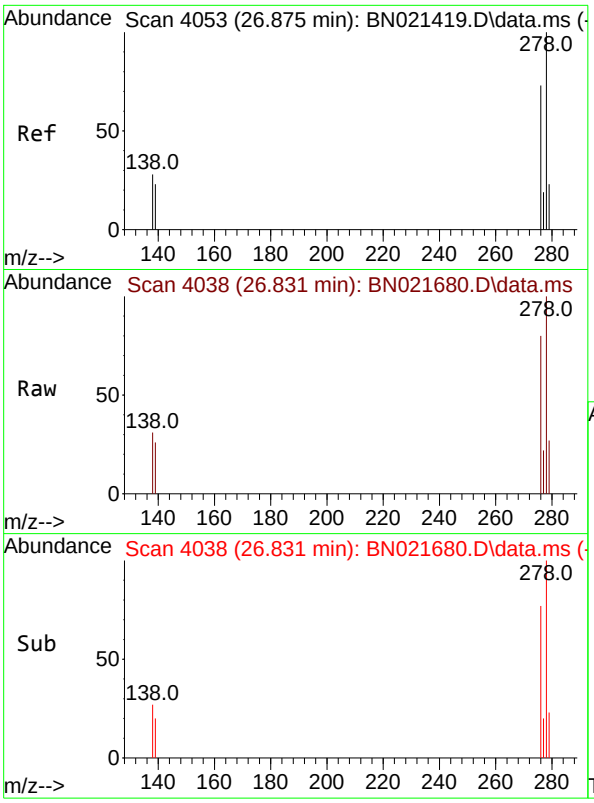


#39
Benzo(a)pyrene
Concen: 0.410 ng
RT: 24.048 min Scan# 3086
Delta R.T. -0.012 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:252 Resp: 12337

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.1	31.7
125	27.1	16.6	25.0#



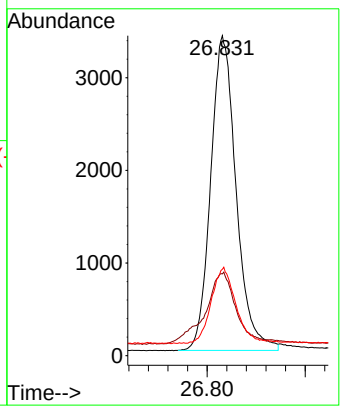


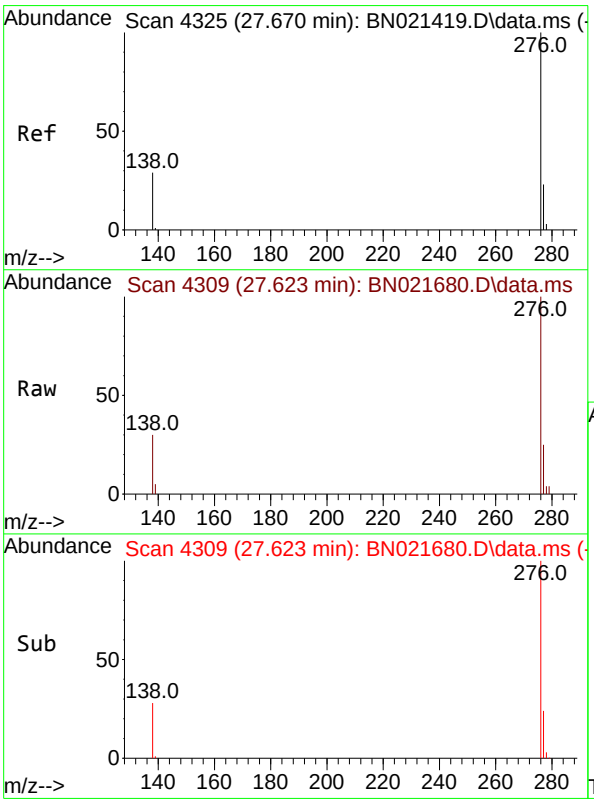
#40
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.831 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 12273

Ion	Ratio	Lower	Upper
278	100		
139	25.5	21.8	32.6
279	27.0	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 27.623 min Scan# 4309
Delta R.T. -0.009 min
Lab File: BN021680.D
Acq: 10 Sep 2022 03:38

Tgt Ion:276 Resp: 13066

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.7	29.5
138	30.3	23.7	35.5