Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017880.D
Acq On : 10 Dec 2021 20:40
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 10 23:00:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 10 22:58:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	22187	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	89148	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	56721	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	115023	0.400	ng		#-0.01
29) Chrysene-d12	21.282	240	102688	0.400	ng		-0.01
35) Perylene-d12	23.582	264	71763	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.326	112	79047	1.475	ng		0.00
5) Phenol-d6	6.894	99	82785	1.632	ng		0.00
8) Nitrobenzene-d5	8.859	82	101278	1.708	ng		0.00
11) 2-Methylnaphthalene-d10	12.085	152	268929	1.512	ng		0.00
14) 2,4,6-Tribromophenol	15.832	330	32996	1.113	ng		-0.01
15) 2-Fluorobiphenyl	12.964	172	347626	1.674	ng		0.00
27) Fluoranthene-d10	19.124	212	650165	1.691	ng		0.00
31) Terphenyl-d14	19.730	244	412566	1.871	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	11482	1.406	ng		98
3) n-Nitrosodimethylamine	3.602	42	35361	1.544	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	95458	1.663	ng		100
9) Naphthalene	10.545	128	365889	1.567	ng		99
10) Hexachlorobutadiene	10.836	225	103164	1.522	ng	#	100
12) 2-Methylnaphthalene	12.161	142	250434	1.489	ng		99
16) Acenaphthylene	14.055	152	382456	1.716	ng		100
17) Acenaphthene	14.398	154	247360	1.666	ng		99
18) Fluorene	15.387	166	316321	1.668	ng		100
20) 4,6-Dinitro-2-methylph...	15.489	198	1218	0.642	ng	#	22
21) 4-Bromophenyl-phenylether	16.289	248	120223	1.727	ng	#	89
22) Hexachlorobenzene	16.399	284	141159	1.706	ng		99
23) Atrazine	16.557	200	86747	1.724	ng		99
24) Pentachlorophenol	16.752	266	9018	0.436	ng		98
25) Phenanthrene	17.129	178	507961	1.681	ng		100
26) Anthracene	17.214	178	453048	1.705	ng		100
28) Fluoranthene	19.154	202	620963	1.688	ng		99
30) Pyrene	19.516	202	636118	1.954	ng		100
32) Benzo(a)anthracene	21.272	228	510524	1.615	ng		100
33) Chrysene	21.325	228	561759	1.701	ng		98
34) Bis(2-ethylhexyl)phtha...	21.208	149	222544	1.554	ng		99
36) Indeno(1,2,3-cd)pyrene	25.940	276	230532	1.159	ng		99
37) Benzo(b)fluoranthene	22.884	252	422370	1.732	ng		98
38) Benzo(k)fluoranthene	22.932	252	412663	1.793	ng		99
39) Benzo(a)pyrene	23.479	252	354253	1.616	ng	#	91
40) Dibenzo(a,h)anthracene	25.957	278	156606	1.016	ng		95
41) Benzo(g,h,i)perylene	26.656	276	201888	1.219	ng		98

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

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Instrument :
BNA_N
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Quant Time: Dec 10 23:00:35 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 10 22:58:36 2021
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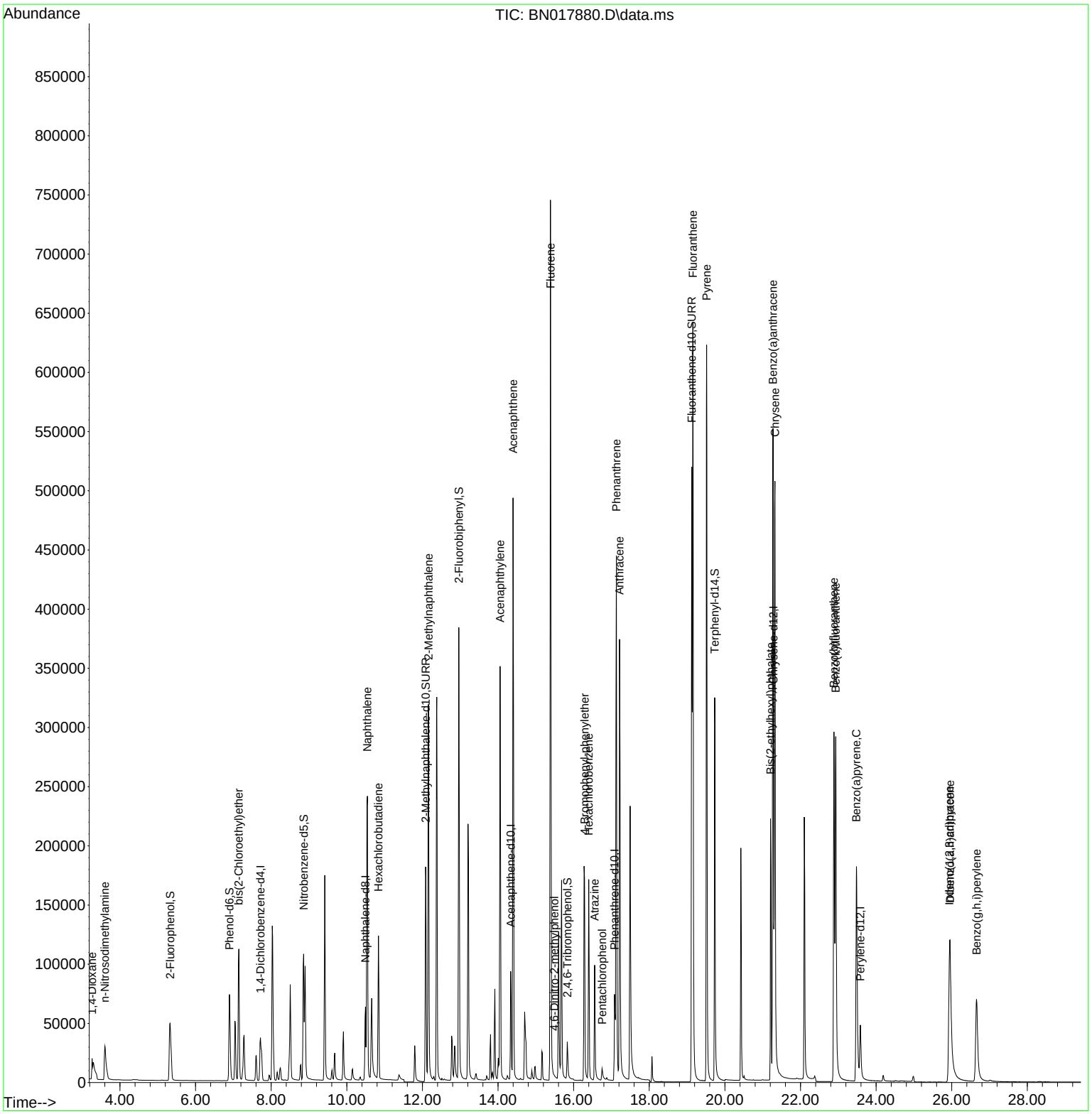
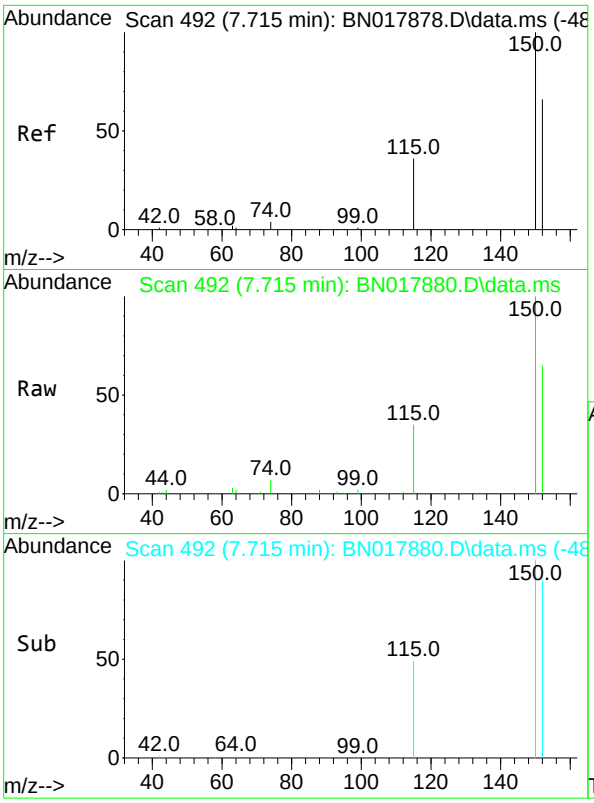


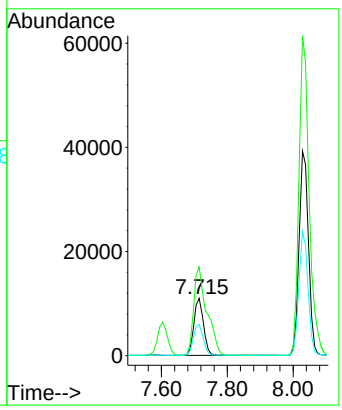


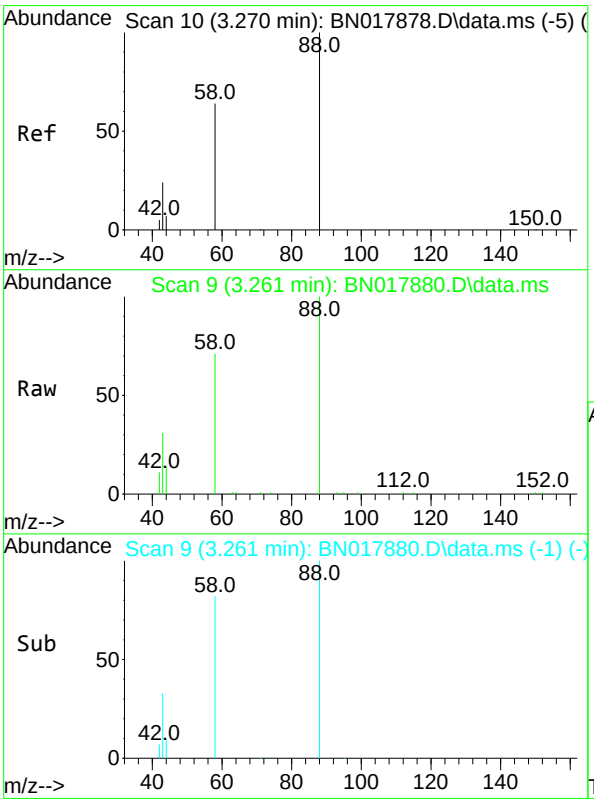
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 22187

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.9	182.9
115	54.8	44.1	66.1

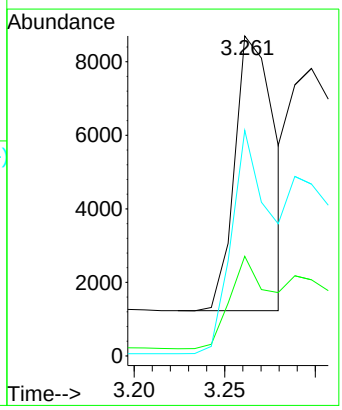


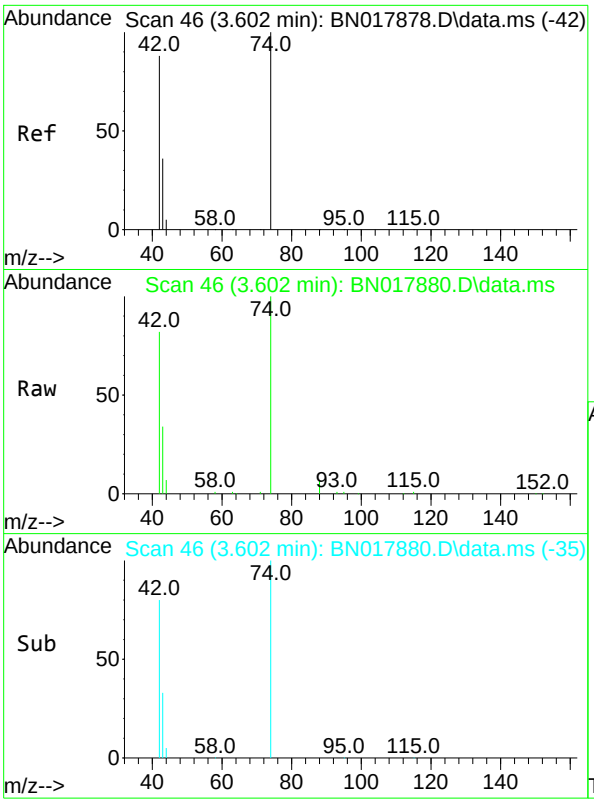


#2
1,4-Dioxane
Concen: 1.406 ng
RT: 3.261 min Scan# 9
Delta R.T. -0.009 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion: 88 Resp: 11482

Ion	Ratio	Lower	Upper
88	100		
43	33.8	28.0	42.0
58	79.3	65.4	98.0



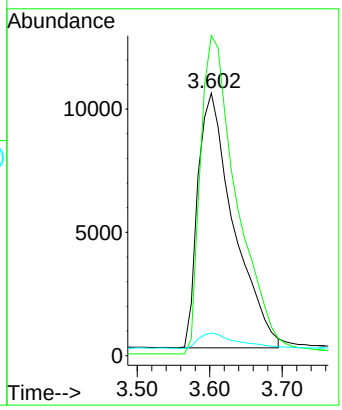


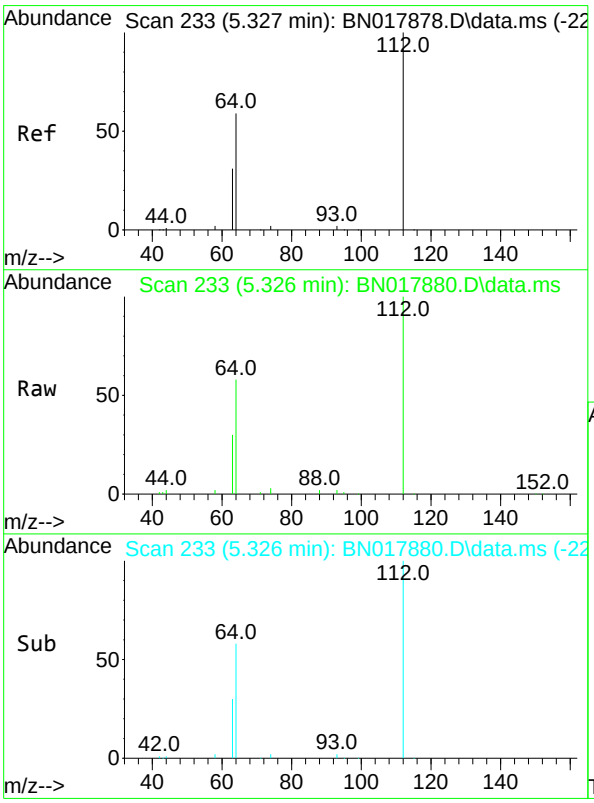
#3
n-Nitrosodimethylamine
Concen: 1.544 ng
RT: 3.602 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 35361

Ion	Ratio	Lower	Upper
42	100		
74	126.8	100.6	150.8
44	6.4	5.2	7.8

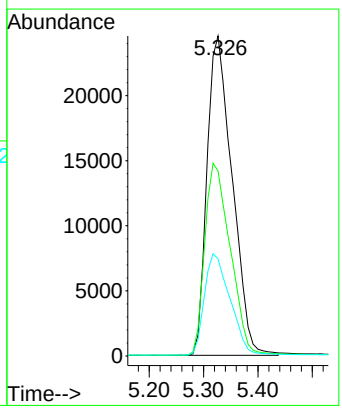


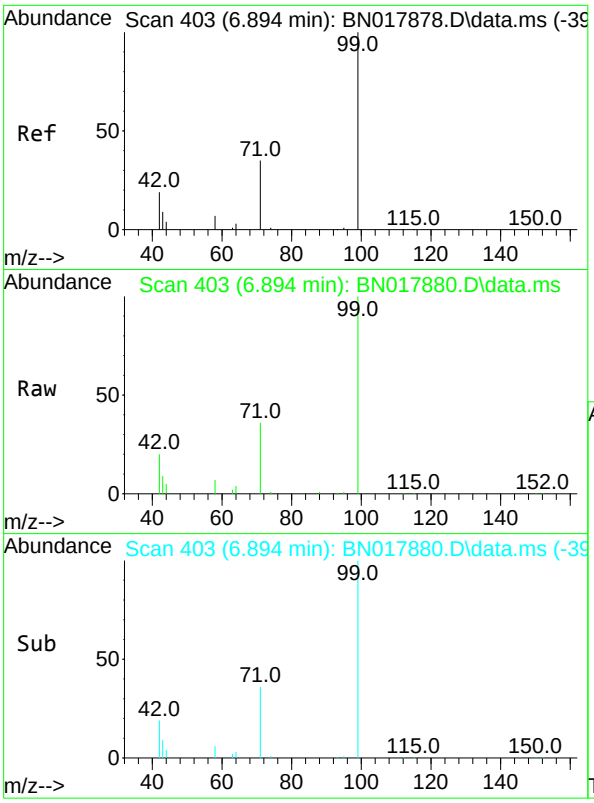


#4
2-Fluorophenol
Concen: 1.475 ng
RT: 5.326 min Scan# 233
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:112 Resp: 79047

Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.0	73.4
63	32.2	26.2	39.2



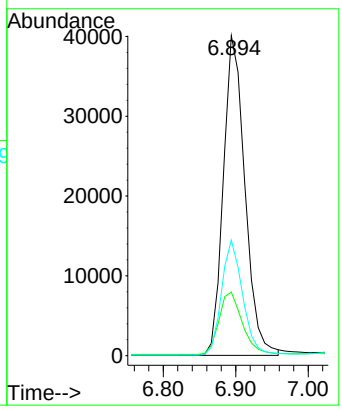


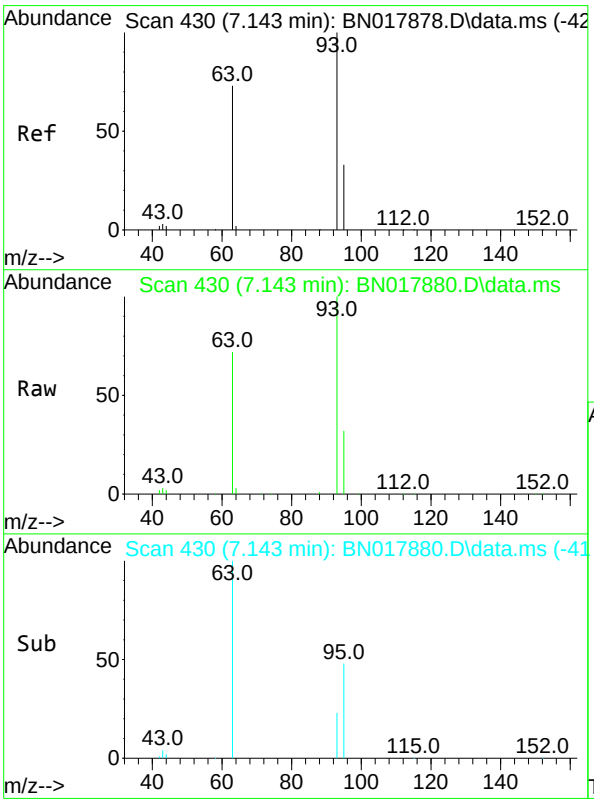
#5
Phenol-d6
Concen: 1.632 ng
RT: 6.894 min Scan# 4(
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 82785

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.4
71	35.2	28.0	42.0

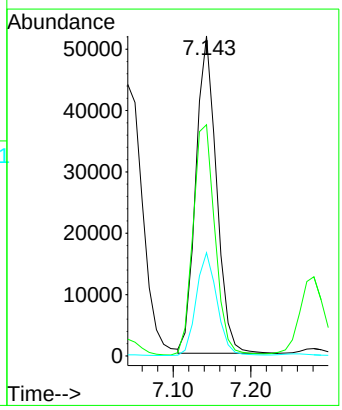


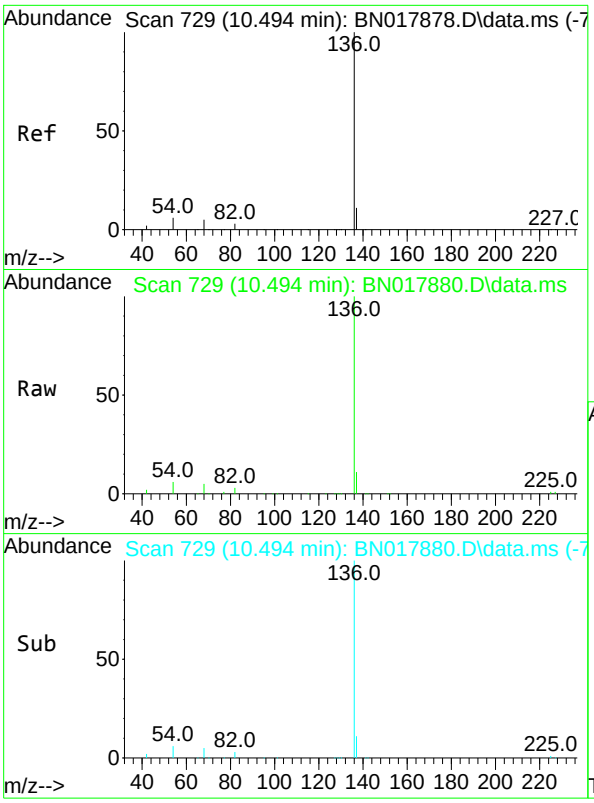


#6
bis(2-Chloroethyl)ether
Concen: 1.663 ng
RT: 7.143 min Scan# 430
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion: 93 Resp: 95458

Ion	Ratio	Lower	Upper
93	100		
63	77.3	62.0	93.0
95	32.6	26.2	39.4



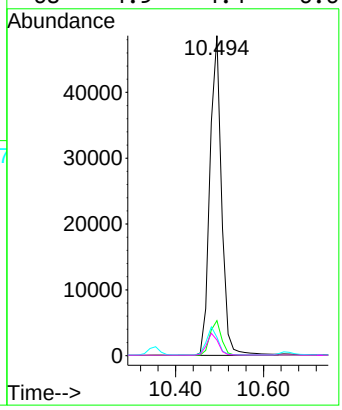


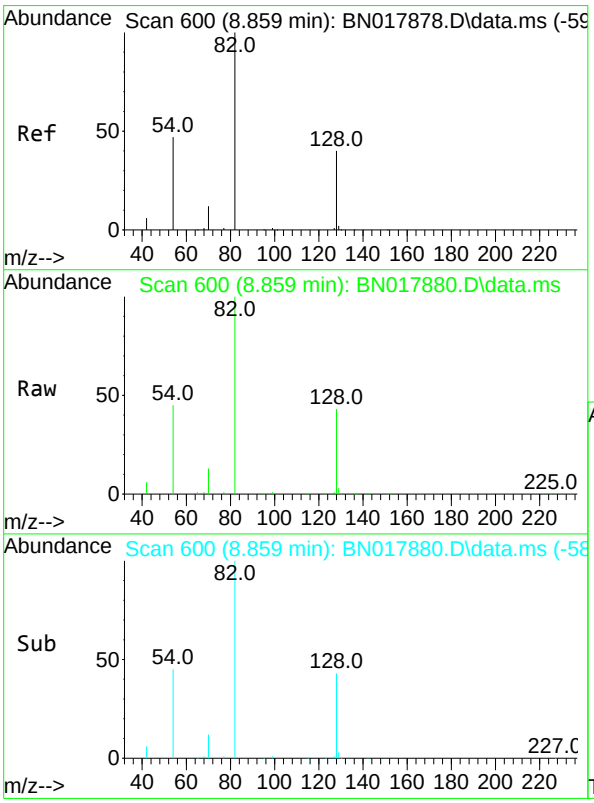
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 89148

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.7	5.1	7.7
68	4.9	4.4	6.6

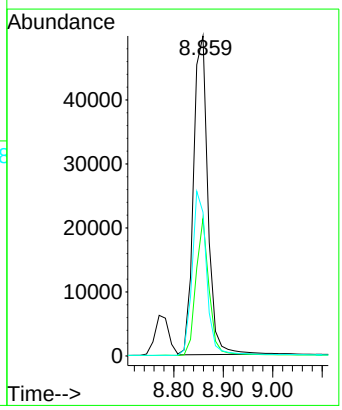


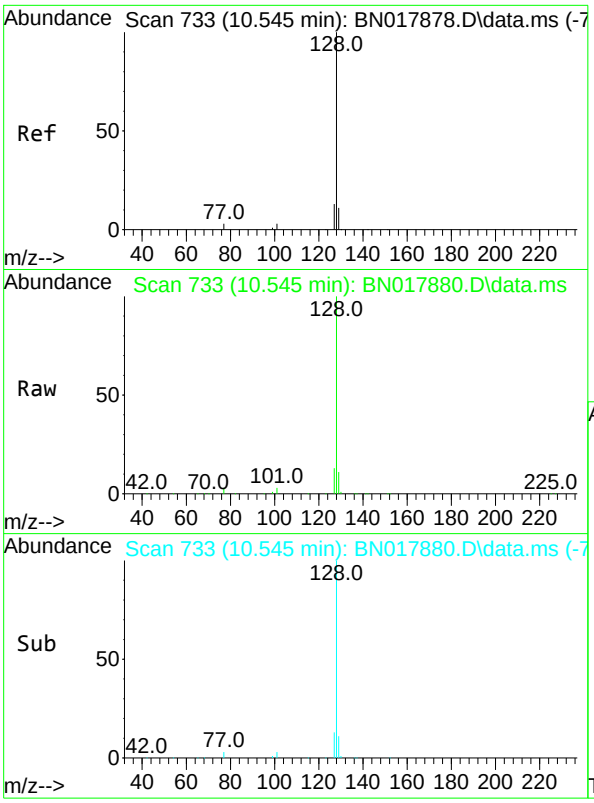


#8
Nitrobenzene-d5
Concen: 1.708 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion: 82 Resp: 101278

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	44.9	37.6	56.4



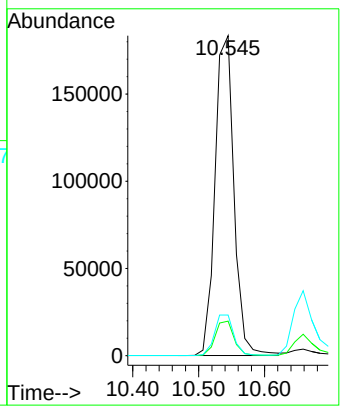


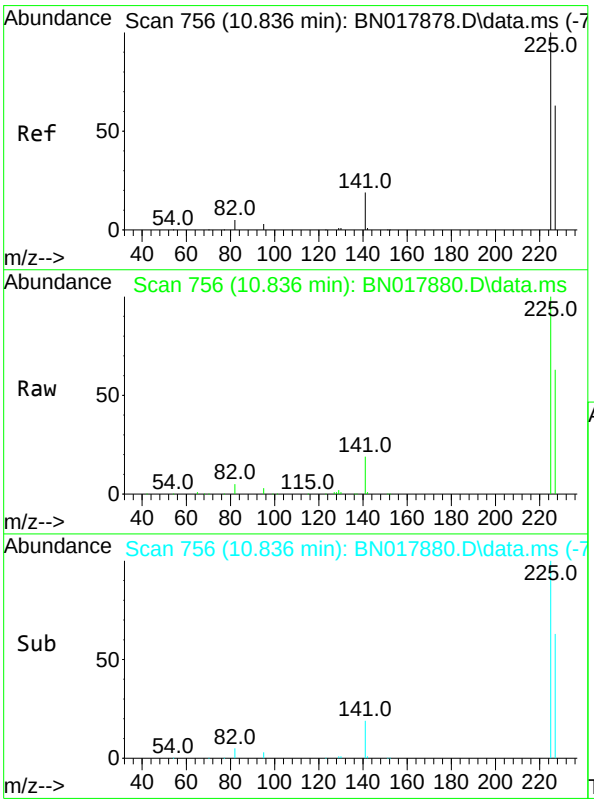
#9
Naphthalene
Concen: 1.567 ng
RT: 10.545 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 365889

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.7	10.5	15.7

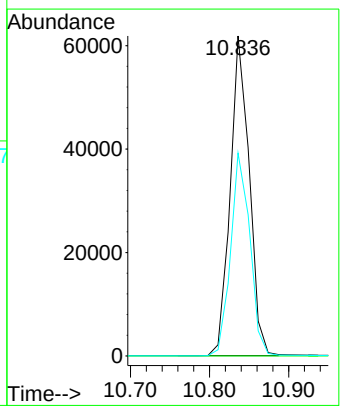


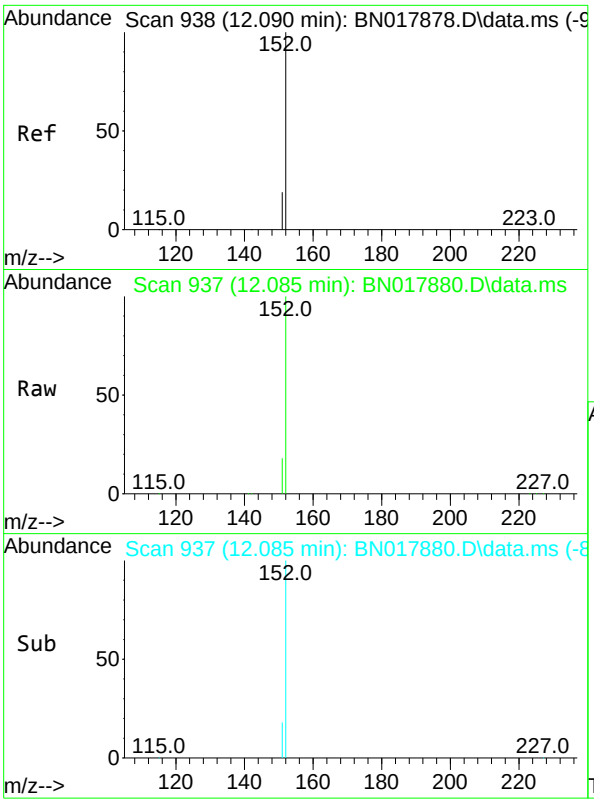


#10
Hexachlorobutadiene
Concen: 1.522 ng
RT: 10.836 min Scan# 756
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:225 Resp: 103164

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.1	76.7



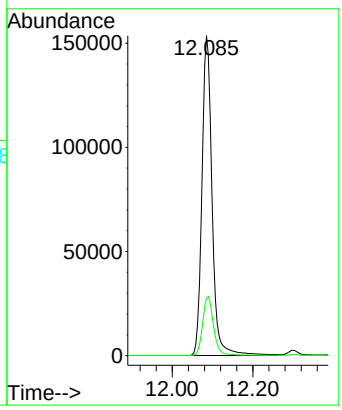


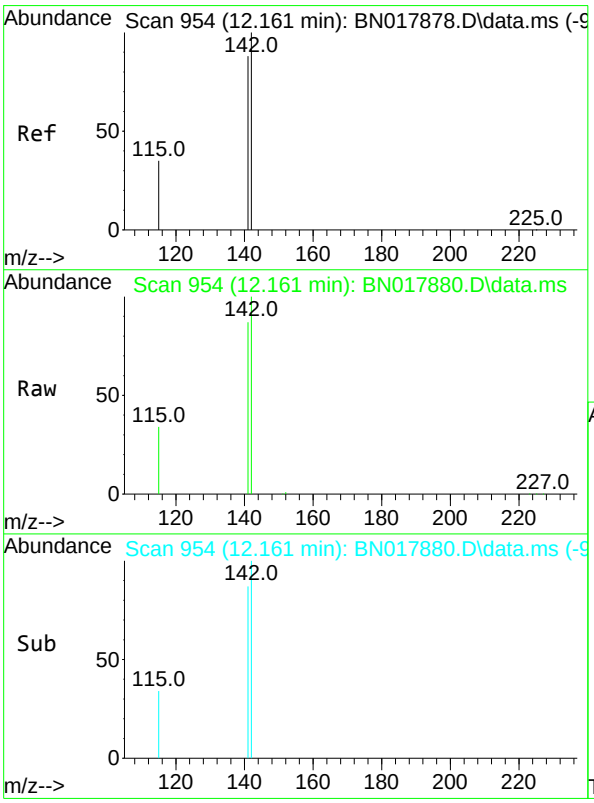
#11
2-Methylnaphthalene-d10
Concen: 1.512 ng
RT: 12.085 min Scan# 9
Delta R.T. -0.005 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 268929

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6

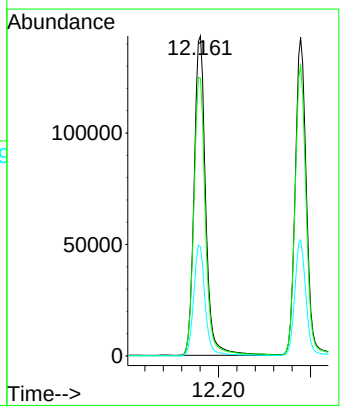


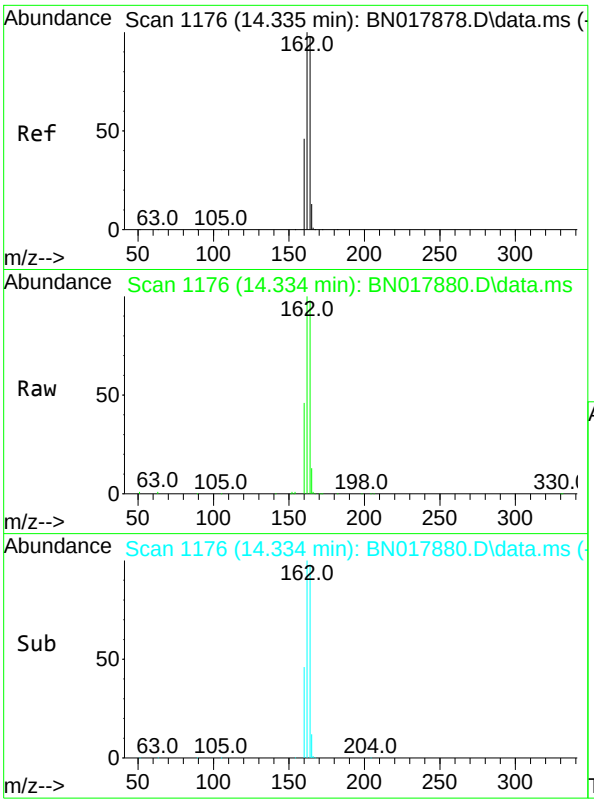


#12
2-Methylnaphthalene
Concen: 1.489 ng
RT: 12.161 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:142 Resp: 250434

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.6	105.8
115	34.2	27.8	41.6



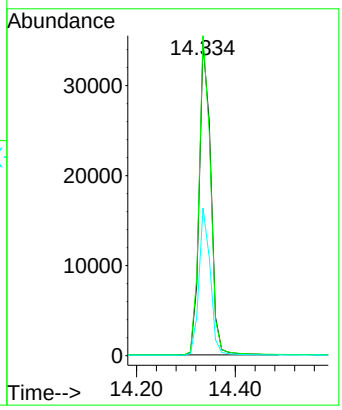


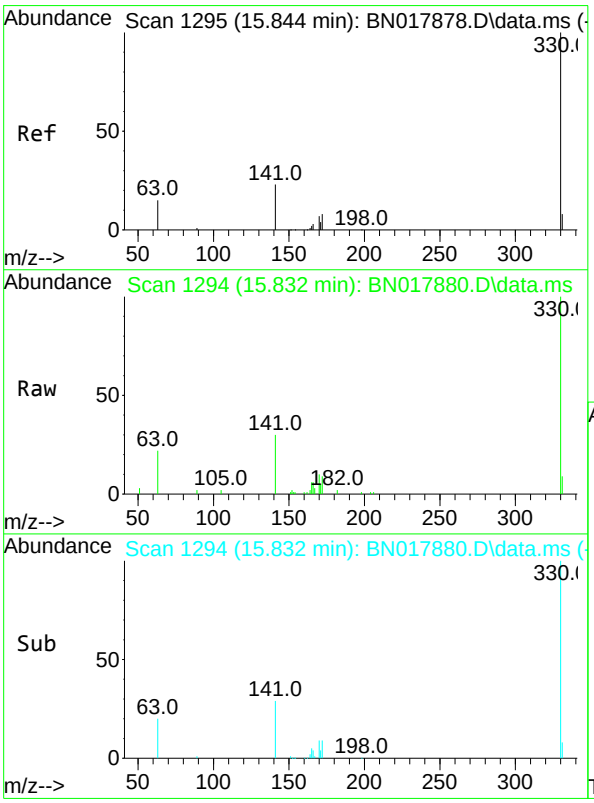
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 56721

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	47.1	38.2	57.2

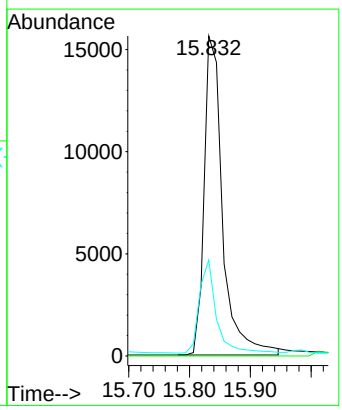


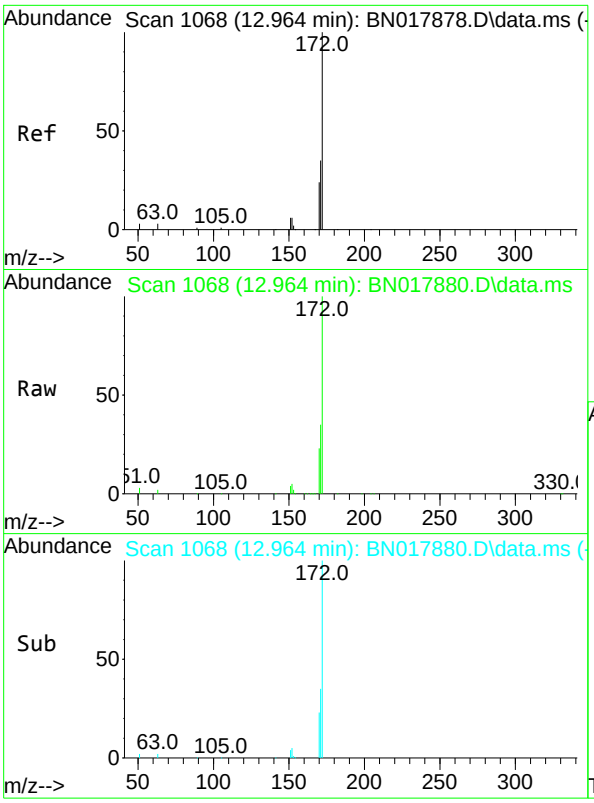


#14
2,4,6-Tribromophenol
Concen: 1.113 ng
RT: 15.832 min Scan# 1294
Delta R.T. -0.013 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:330 Resp: 32996

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.7	19.7	29.5



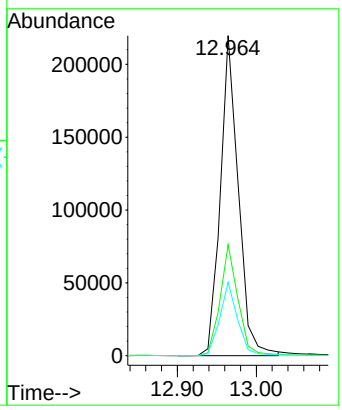


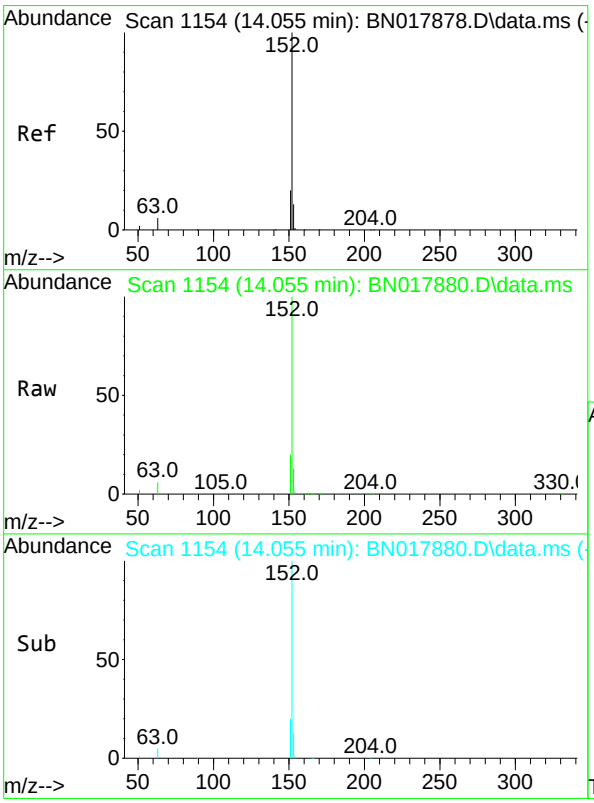
#15
2-Fluorobiphenyl
Concen: 1.674 ng
RT: 12.964 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 347626

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	23.0	19.1	28.7

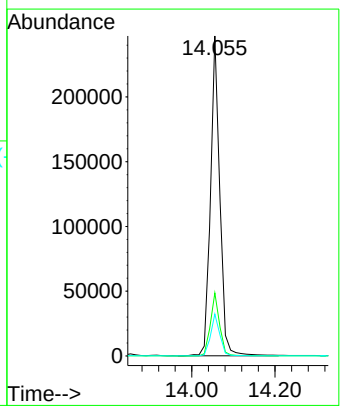


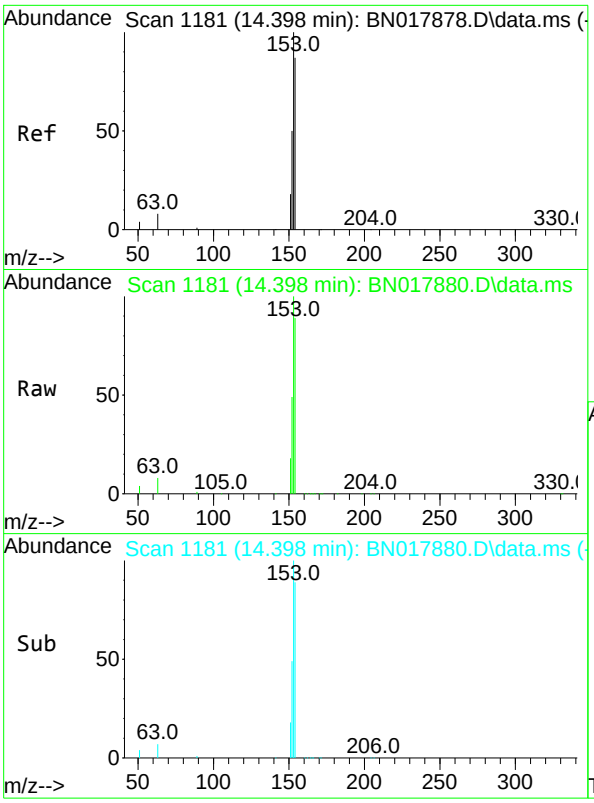


#16
Acenaphthylene
Concen: 1.716 ng
RT: 14.055 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:152 Resp: 382456

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.1	10.5	15.7



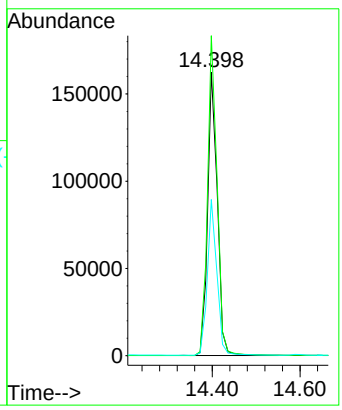


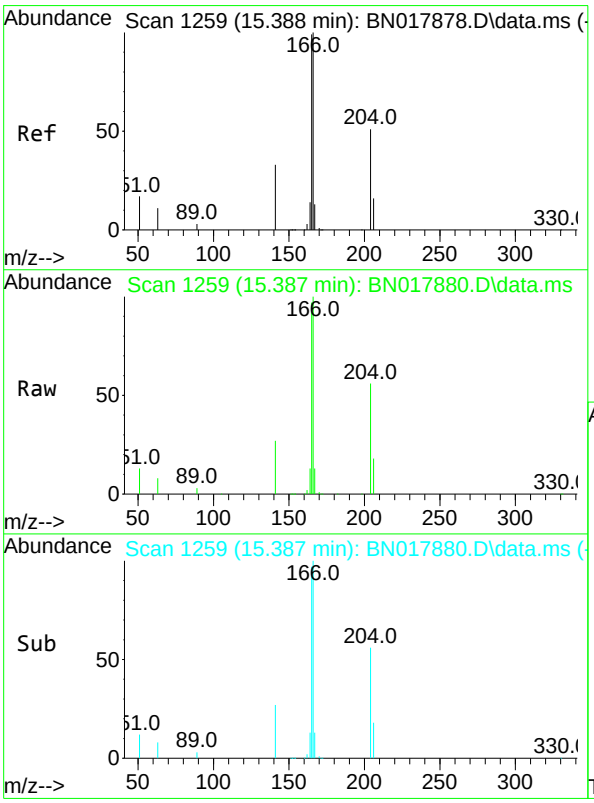
#17
Acenaphthene
Concen: 1.666 ng
RT: 14.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 247360

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.8	134.8
152	54.0	44.2	66.2

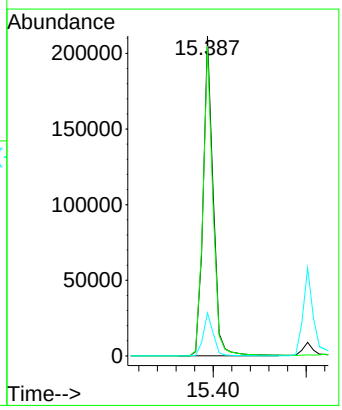


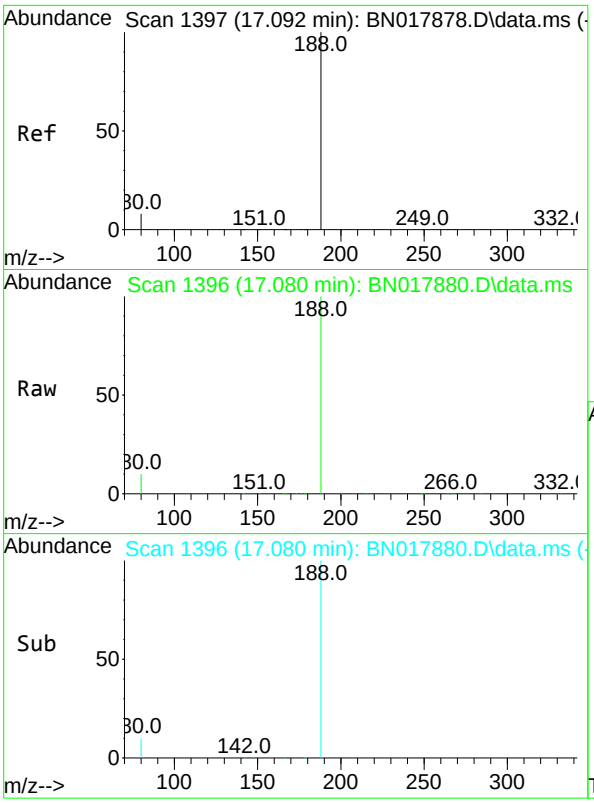


#18
Fluorene
Concen: 1.668 ng
RT: 15.387 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:166 Resp: 316321

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.5	116.3
167	13.5	10.8	16.2



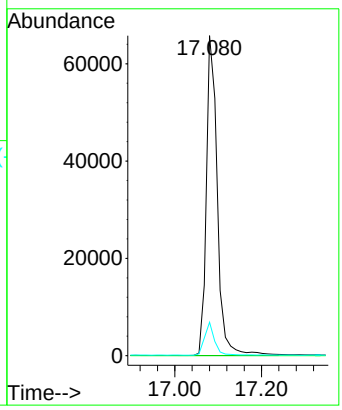


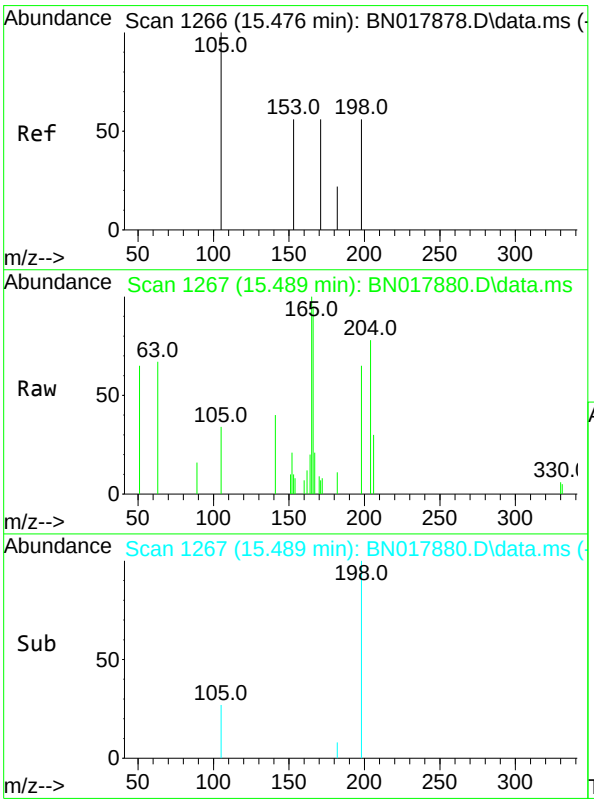
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 115023

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	6.2	9.2#

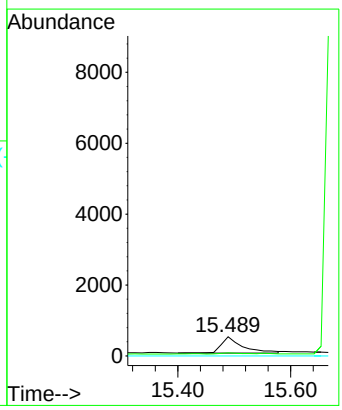


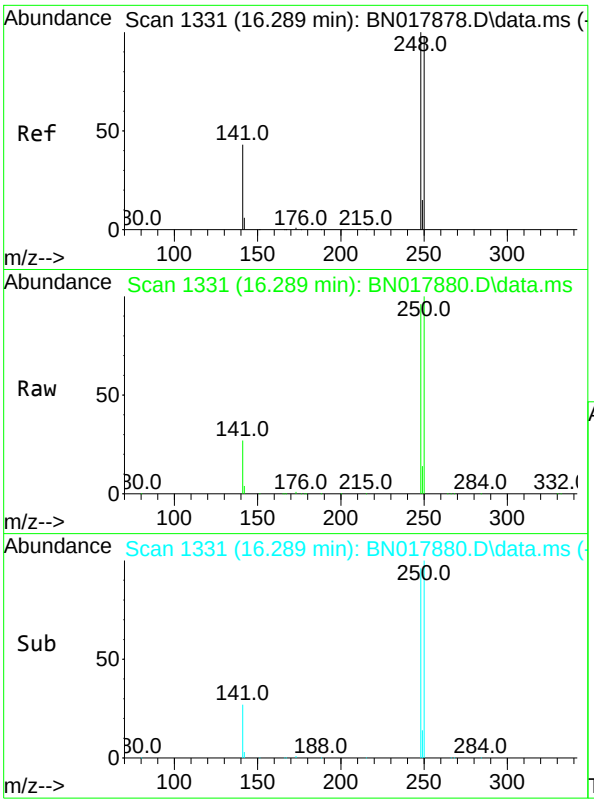


#20
4,6-Dinitro-2-methylphenol
Concen: 0.642 ng
RT: 15.489 min Scan# 1267
Delta R.T. 0.013 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:198 Resp: 1218

Ion	Ratio	Lower	Upper
198	100		
182	16.1	70.8	106.2#
77	0.0	0.0	0.0



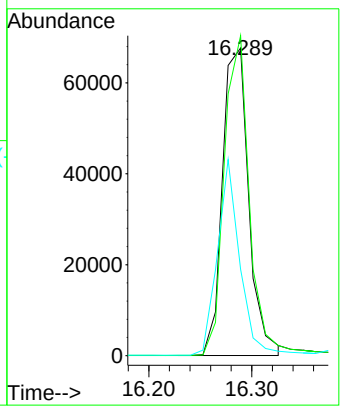


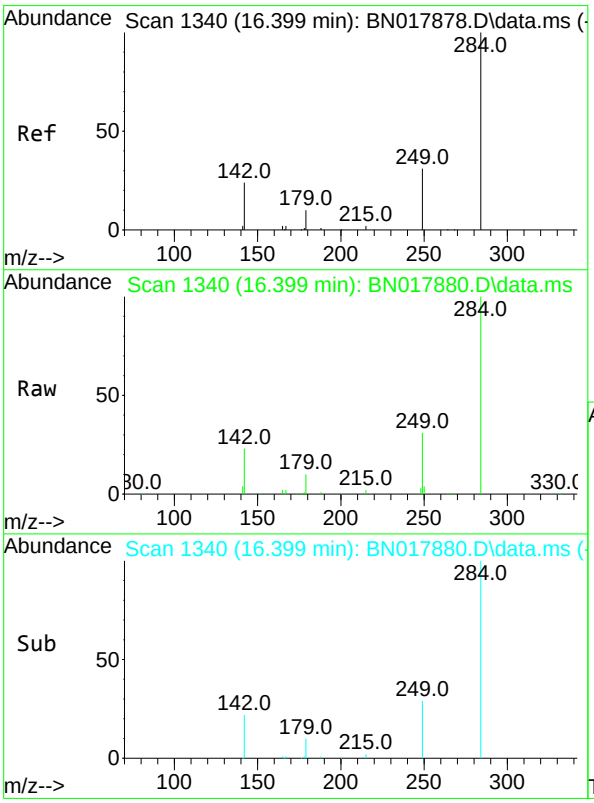
#21
4-Bromophenyl-phenylether
Concen: 1.727 ng
RT: 16.289 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 120223

Ion	Ratio	Lower	Upper
248	100		
250	104.0	78.6	117.8
141	28.1	34.6	51.8#

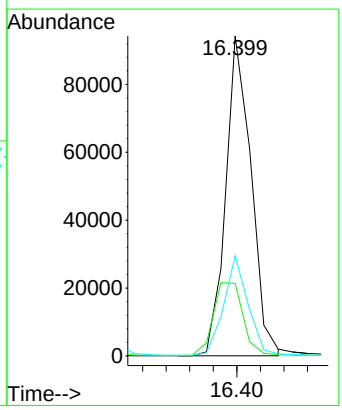


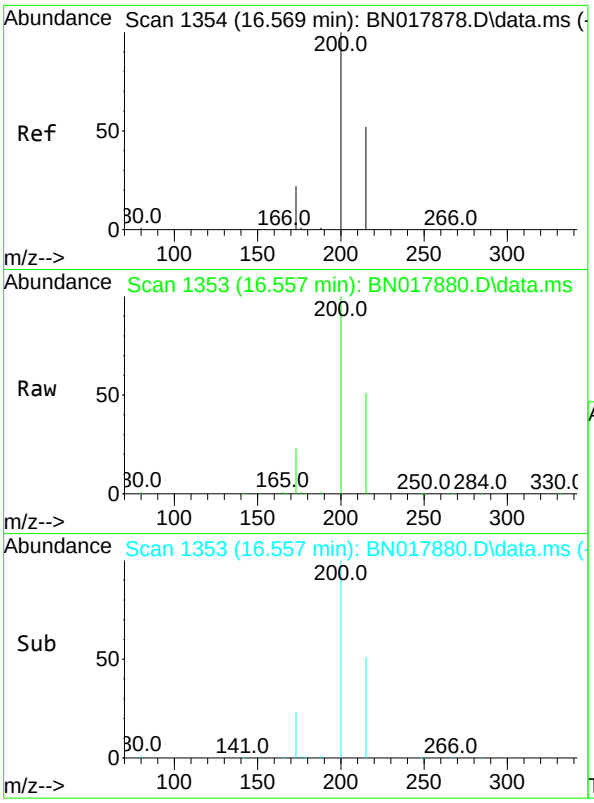


#22
Hexachlorobenzene
Concen: 1.706 ng
RT: 16.399 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:284 Resp: 141159

Ion	Ratio	Lower	Upper
284	100		
142	26.7	21.2	31.8
249	29.4	23.2	34.8



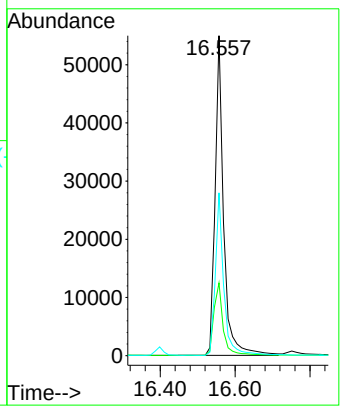


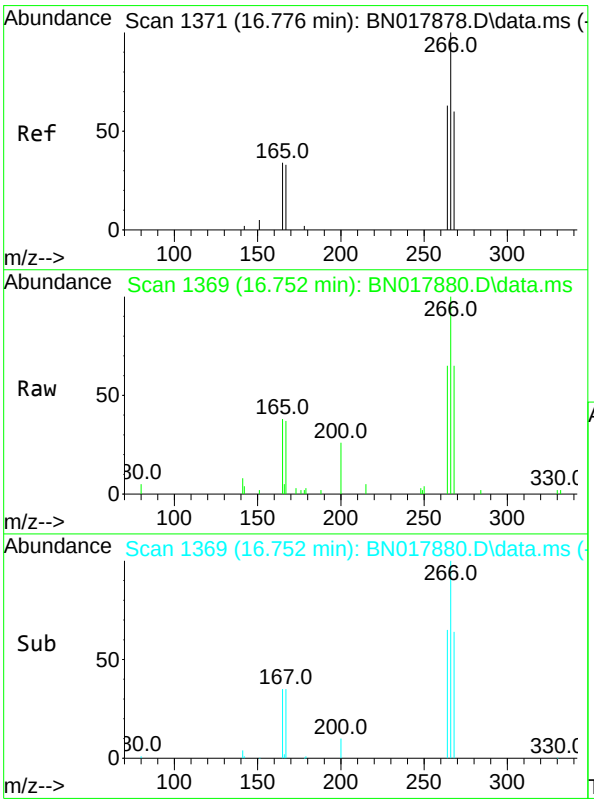
#23
Atrazine
Concen: 1.724 ng
RT: 16.557 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 86747

Ion	Ratio	Lower	Upper
200	100		
173	22.7	18.2	27.2
215	50.9	41.8	62.8

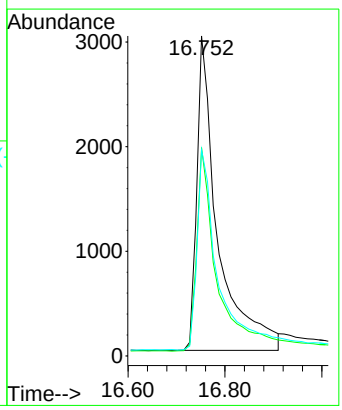


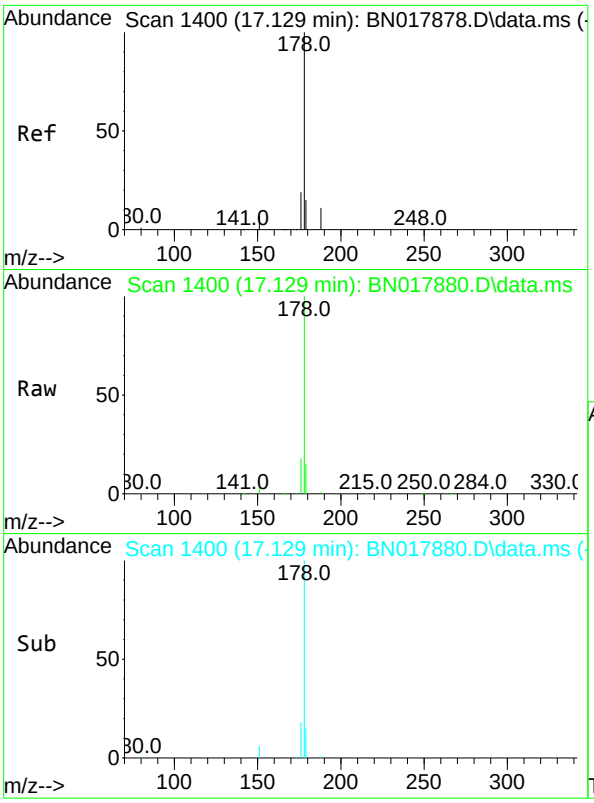


#24
Pentachlorophenol
Concen: 0.436 ng
RT: 16.752 min Scan# 1369
Delta R.T. -0.024 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:266 Resp: 9018

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.6	76.0
268	64.6	53.7	80.5



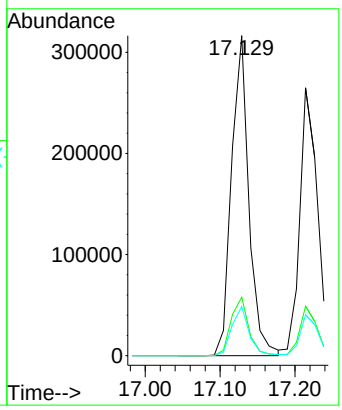


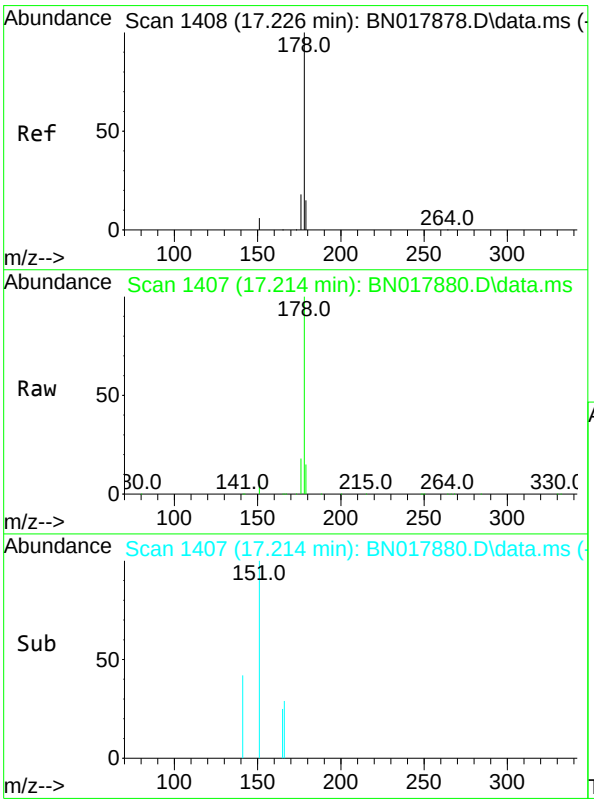
#25
Phenanthrene
Concen: 1.681 ng
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 507961

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.4	18.6

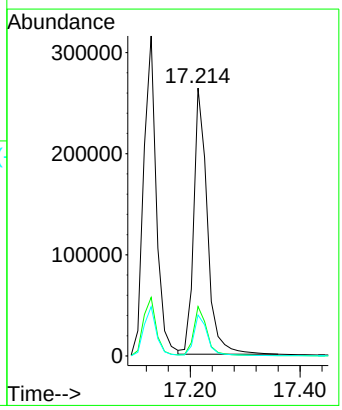


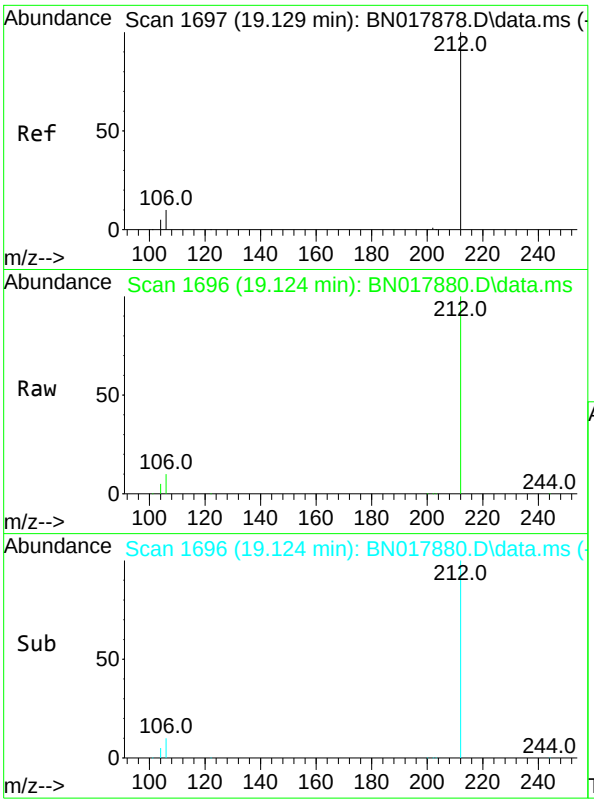


#26
Anthracene
Concen: 1.705 ng
RT: 17.214 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:178 Resp: 453048

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.3	21.5
179	15.4	12.2	18.4



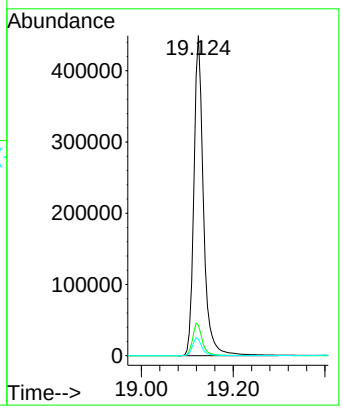


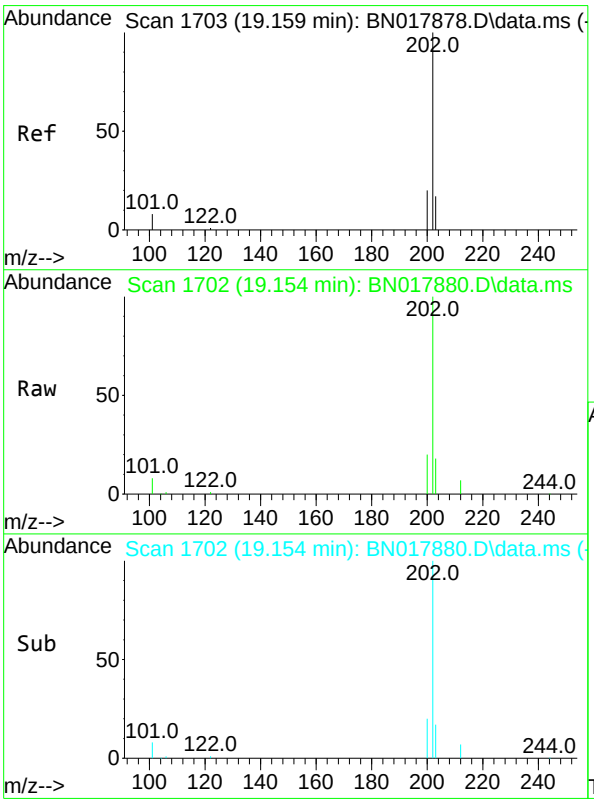
#27
Fluoranthene-d10
Concen: 1.691 ng
RT: 19.124 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 650165

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.3	12.5
104	5.6	4.6	6.8

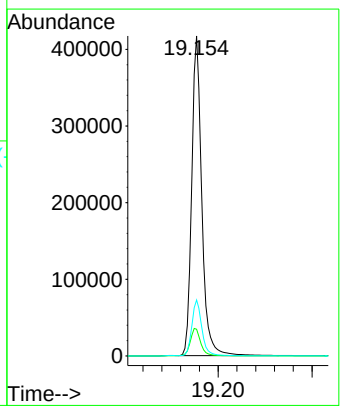


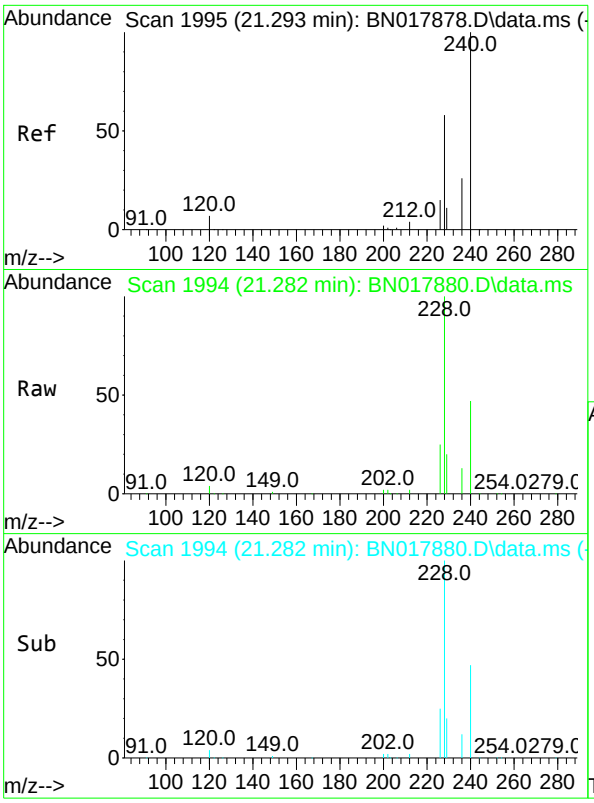


#28
Fluoranthene
Concen: 1.688 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:202 Resp: 620963

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.5	13.7	20.5



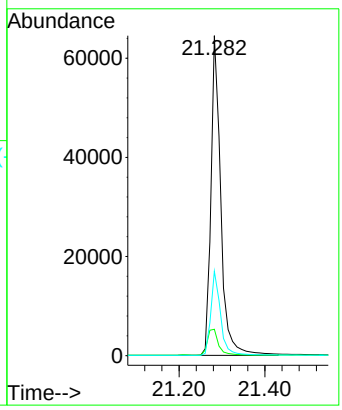


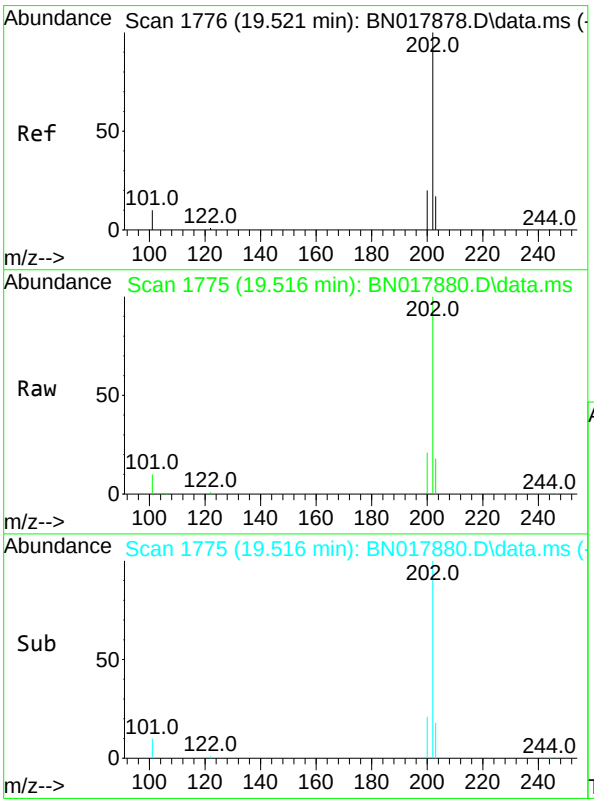
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 102688

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.8	8.8
236	26.4	21.0	31.6

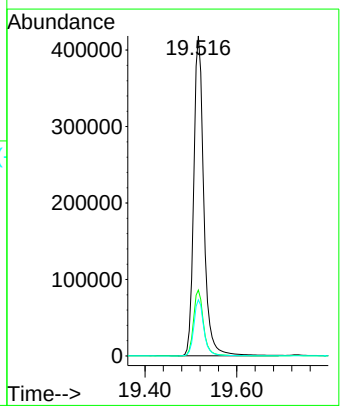


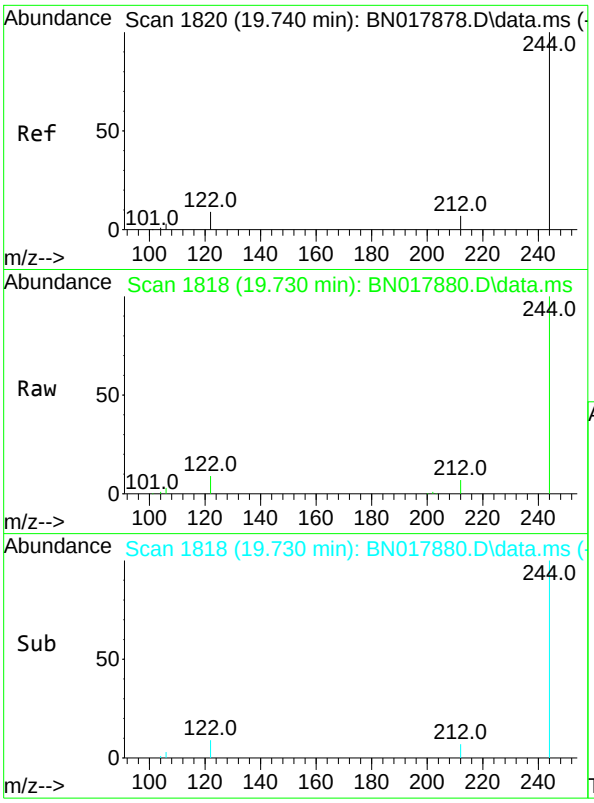


#30
Pyrene
Concen: 1.954 ng
RT: 19.516 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:202 Resp: 636118

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	14.0	21.0



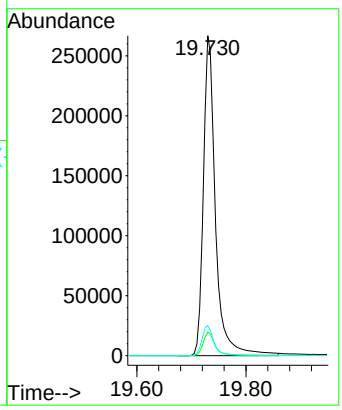


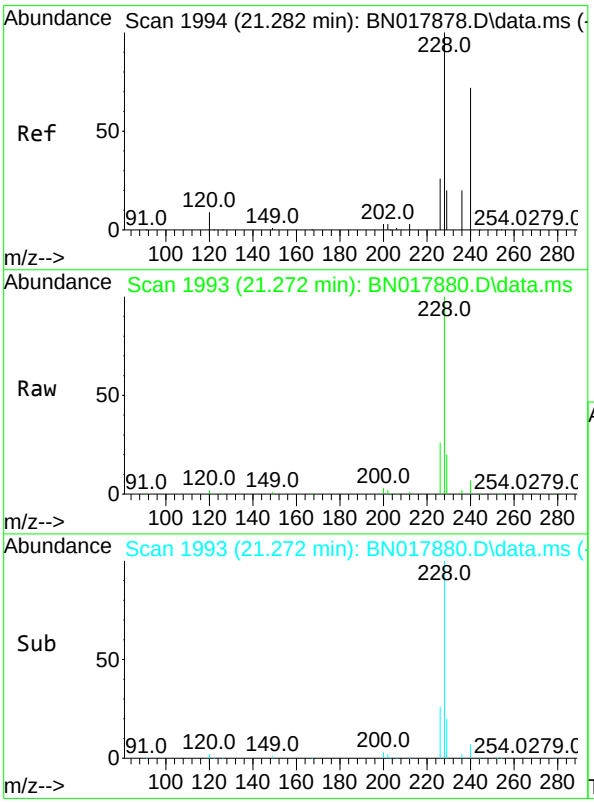
#31
Terphenyl-d14
Concen: 1.871 ng
RT: 19.730 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 412566

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.5	7.5	11.3

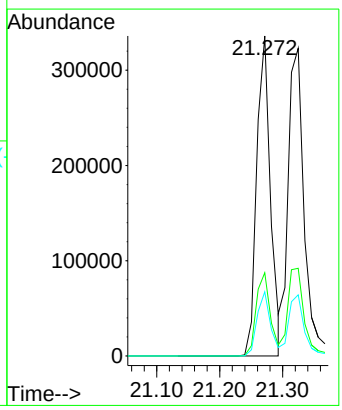


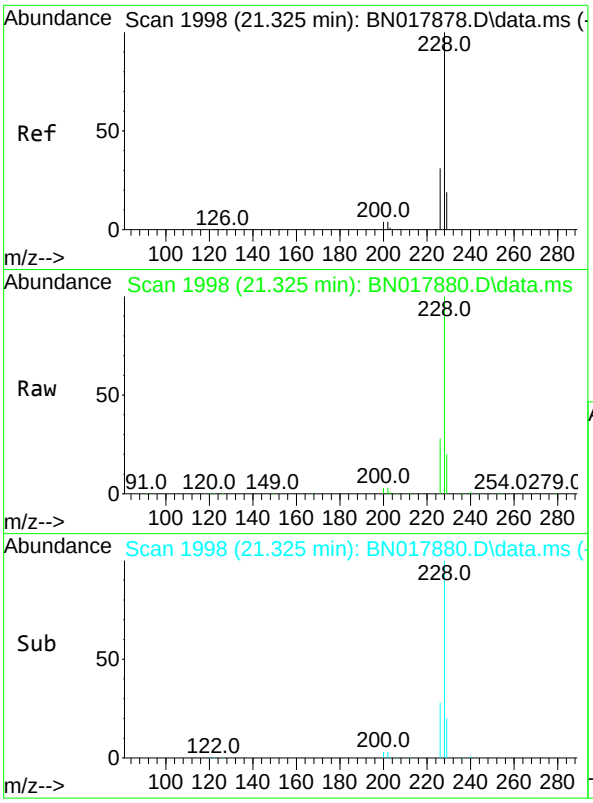


#32
Benzo(a)anthracene
Concen: 1.615 ng
RT: 21.272 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:228 Resp: 510524

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.4
229	20.0	15.8	23.8



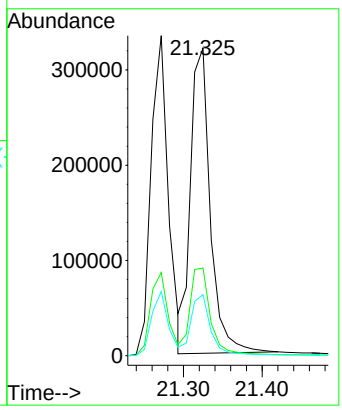


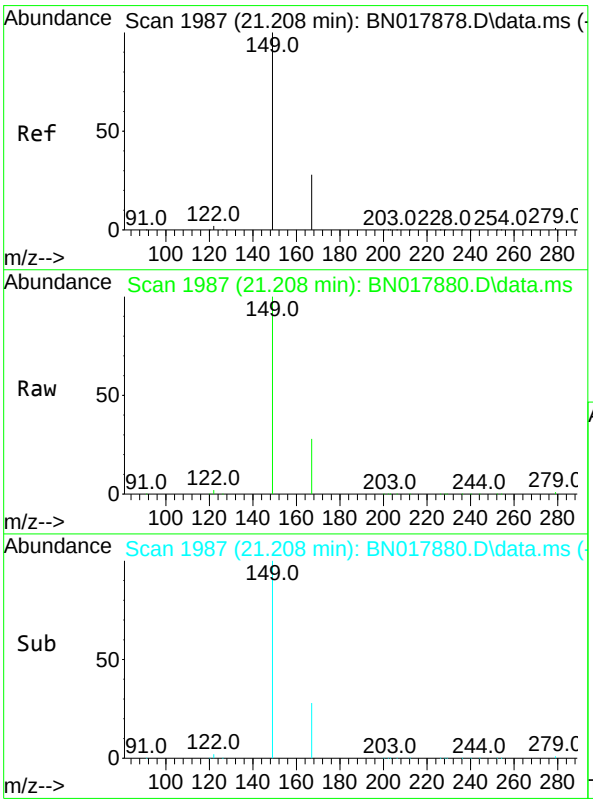
#33
Chrysene
Concen: 1.701 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 561759

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.8	35.8
229	19.9	15.6	23.4

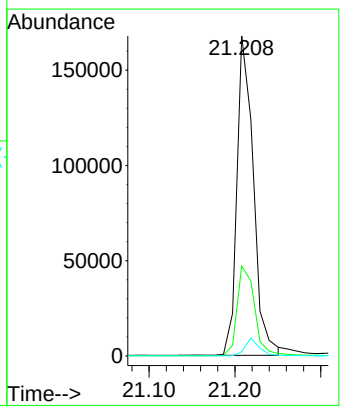


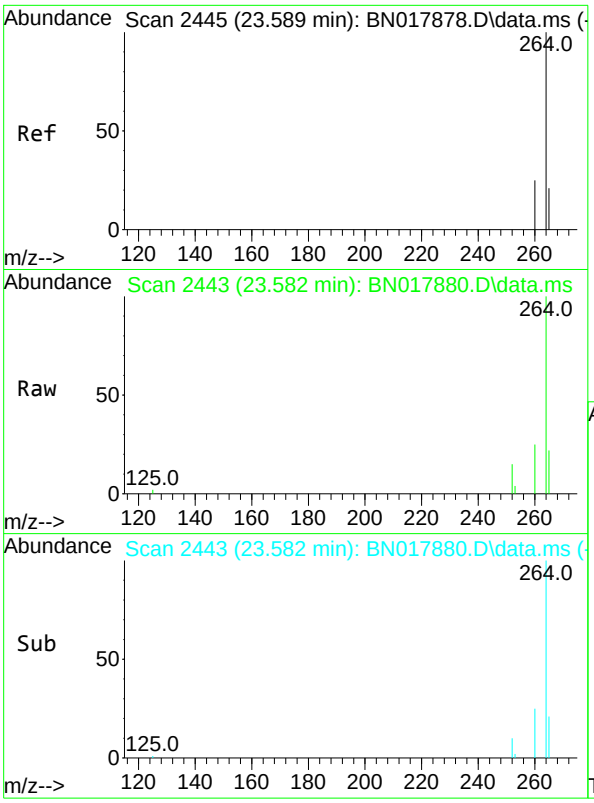


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.554 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:149 Resp: 222544

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.0
279	4.8	3.6	5.4



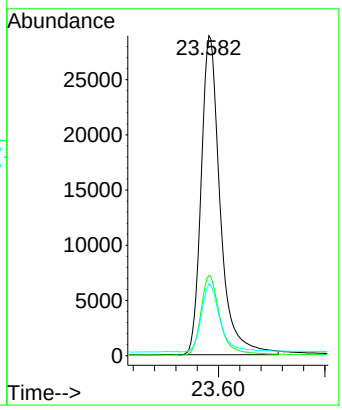


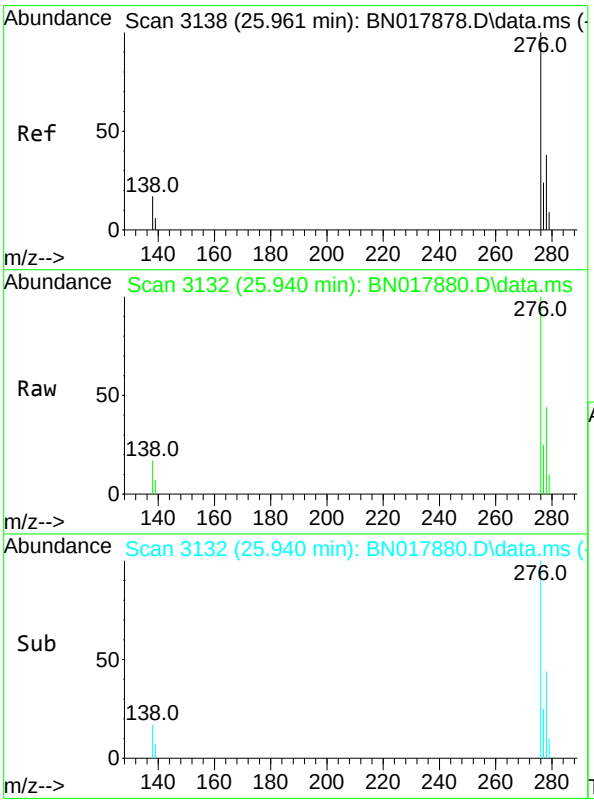
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 71763

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.4
265	22.5	18.2	27.4

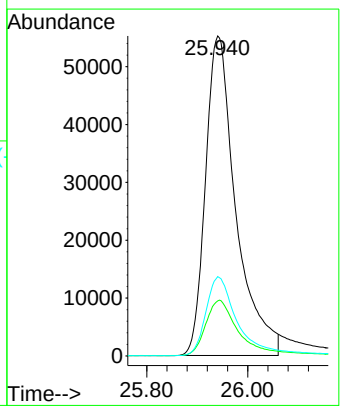


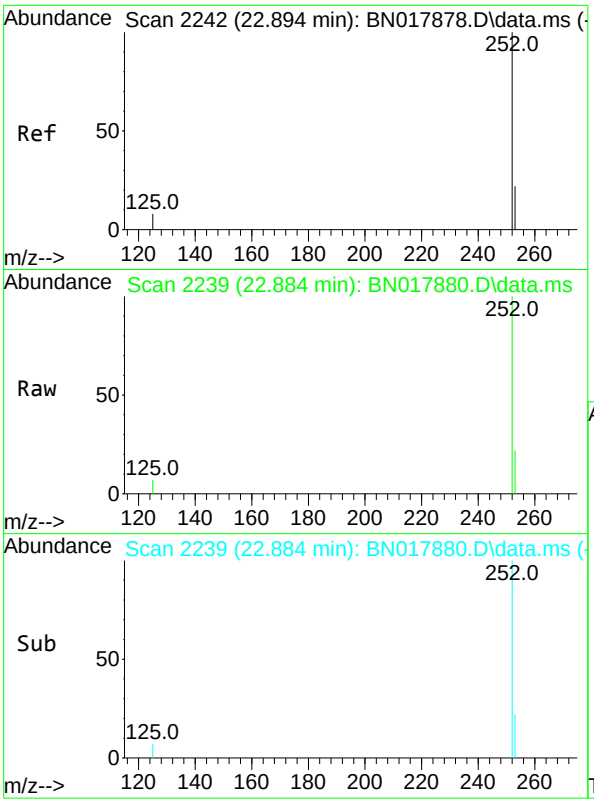


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.159 ng
RT: 25.940 min Scan# 3132
Delta R.T. -0.021 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:276 Resp: 230532

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.2	22.8
277	24.8	19.8	29.6



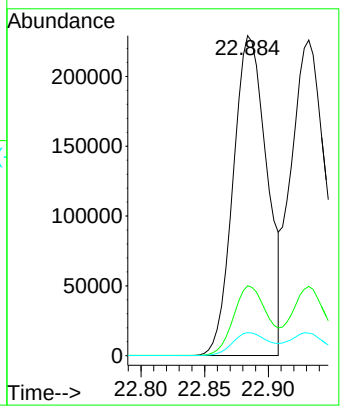


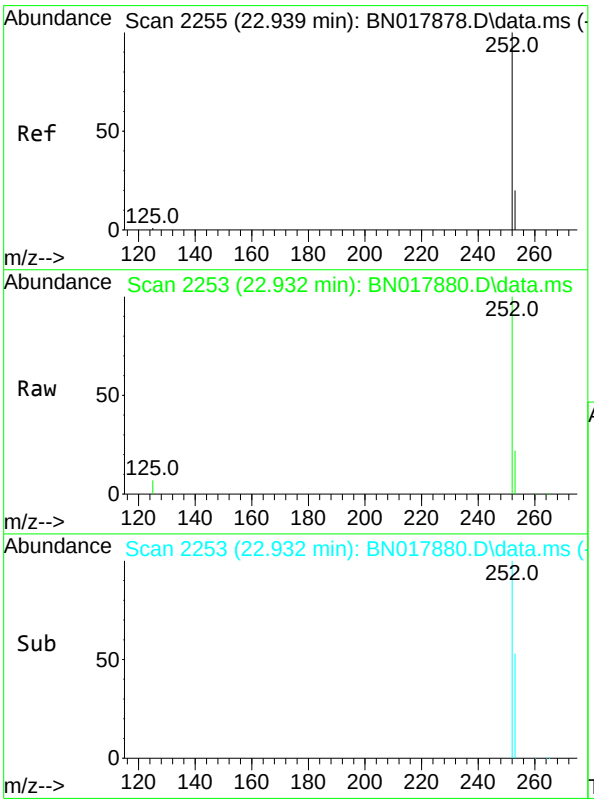
#37
Benzo(b)fluoranthene
Concen: 1.732 ng
RT: 22.884 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 422370

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.2	6.8	10.2

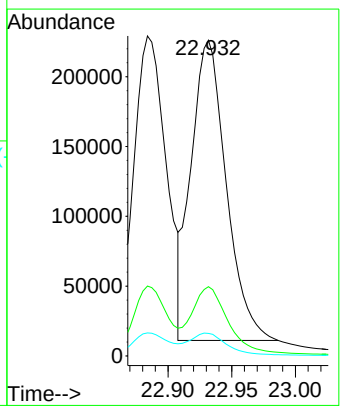


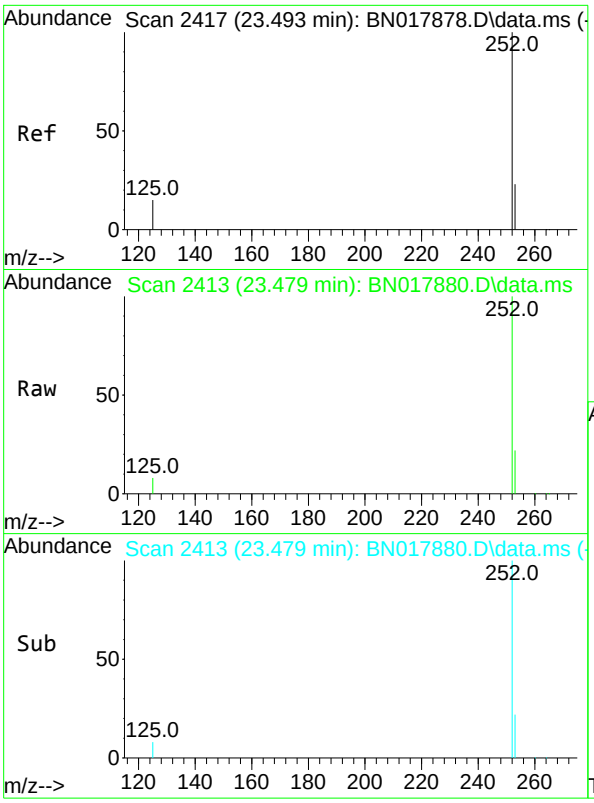


#38
Benzo(k)fluoranthene
Concen: 1.793 ng
RT: 22.932 min Scan# 2253
Delta R.T. -0.007 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:252 Resp: 412663

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.2	6.1	9.1



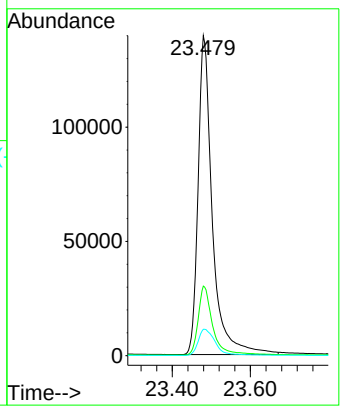


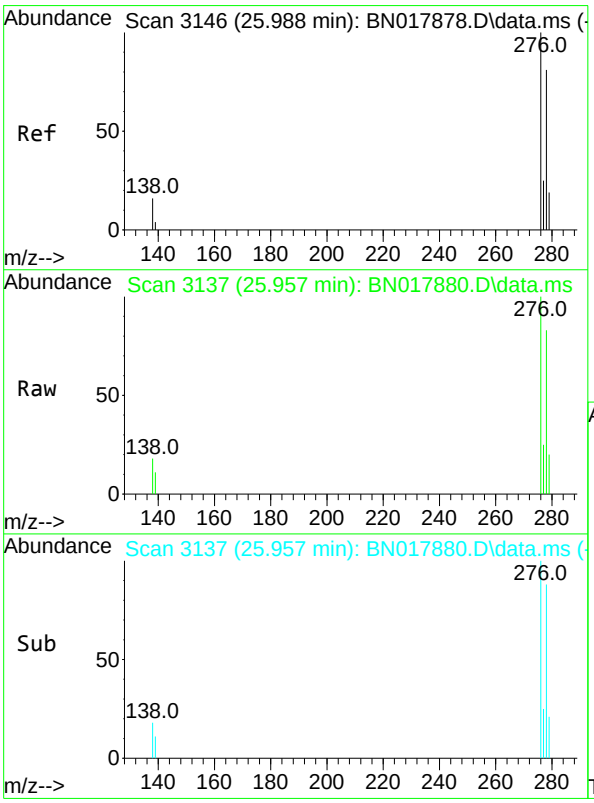
#39
Benzo(a)pyrene
Concen: 1.616 ng
RT: 23.479 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 354253

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.8	28.2
125	8.2	12.2	18.2#

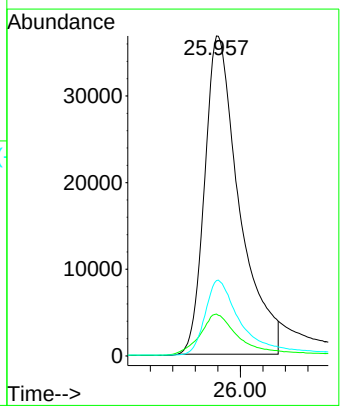


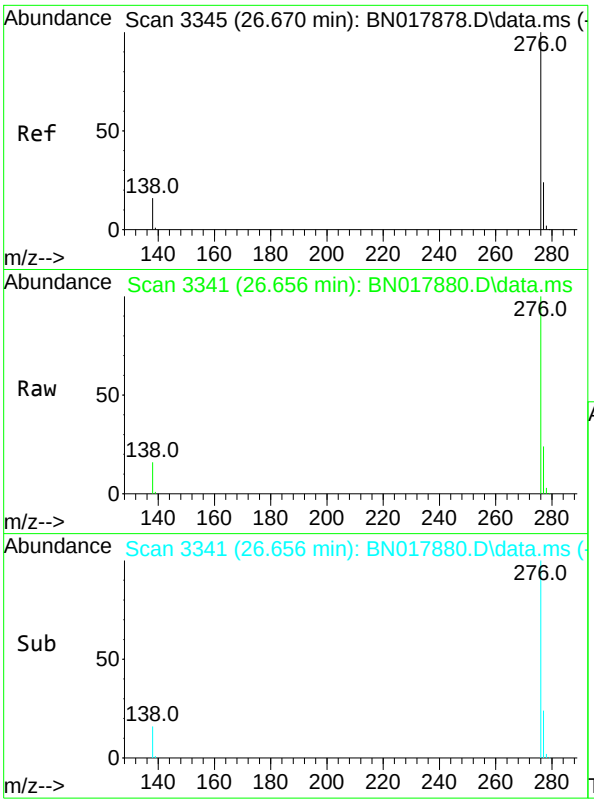


#40
Dibenzo(a,h)anthracene
Concen: 1.016 ng
RT: 25.957 min Scan# 3137
Delta R.T. -0.031 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Tgt Ion:278 Resp: 156606

Ion	Ratio	Lower	Upper
278	100		
139	13.1	12.0	18.0
279	23.6	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 1.219 ng
RT: 26.656 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN017880.D
Acq: 10 Dec 2021 20:40

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 201888

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	15.8	13.8	20.8