Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021342.D
Acq On : 24 Aug 2022 17:51
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 25 06:26:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:17:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	2632	0.400	ng		0.00
7) Naphthalene-d8	10.919	136	8307	0.400	ng		0.00
13) Acenaphthene-d10	14.739	164	4837	0.400	ng		0.00
19) Phenanthrene-d10	17.490	188	10485	0.400	ng		0.00
29) Chrysene-d12	21.682	240	9514	0.400	ng		0.00
35) Perylene-d12	24.208	264	8705	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.606	112	2877	0.438	ng		0.00
5) Phenol-d6	7.231	99	3600	0.470	ng		0.00
8) Nitrobenzene-d5	9.254	82	2372	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.501	152	5429	0.375	ng		0.00
14) 2,4,6-Tribromophenol	16.229	330	780	0.493	ng		0.00
15) 2-Fluorobiphenyl	13.371	172	8302	0.431	ng		0.00
27) Fluoranthene-d10	19.518	212	11491	0.404	ng		0.00
31) Terphenyl-d14	20.115	244	7590	0.293	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	1502	0.409	ng		100
3) n-Nitrosodimethylamine	3.750	42	1392	0.465	ng		100
6) bis(2-Chloroethyl)ether	7.498	93	3646	0.564	ng		100
9) Naphthalene	10.973	128	10294	0.410	ng		100
10) Hexachlorobutadiene	11.261	225	1733	0.385	ng	#	100
12) 2-Methylnaphthalene	12.198	142	1640	0.096	ng		100
16) Acenaphthylene	14.461	152	8765	0.377	ng		100
17) Acenaphthene	14.803	154	6285	0.394	ng		100
18) Fluorene	15.787	166	7918	0.390	ng		100
20) 4,6-Dinitro-2-methylph...	15.616	198	4	0.004	ng		100
21) 4-Bromophenyl-phenylether	16.680	248	2649	0.412	ng		100
22) Hexachlorobenzene	16.793	284	3135	0.432	ng		100
23) Atrazine	16.947	200	1603	0.387	ng		100
24) Pentachlorophenol	17.131	266	962	0.589	ng		100
25) Phenanthrene	17.531	178	14119	0.405	ng		100
26) Anthracene	17.623	178	11188	0.384	ng		100
28) Fluoranthene	19.548	202	15261	0.418	ng		100
30) Pyrene	19.910	202	18422	0.376	ng		100
32) Benzo(a)anthracene	21.664	228	13153	0.425	ng		100
33) Chrysene	21.718	228	14838	0.386	ng		100
34) Bis(2-ethylhexyl)phtha...	21.583	149	5960	0.282	ng		100
36) Indeno(1,2,3-cd)pyrene	26.881	276	16327	0.424	ng		100
37) Benzo(b)fluoranthene	23.431	252	14011	0.386	ng		100
38) Benzo(k)fluoranthene	23.480	252	14405	0.393	ng		100
39) Benzo(a)pyrene	24.094	252	11289	0.373	ng		100
40) Dibenzo(a,h)anthracene	26.904	278	13633	0.458	ng		100
41) Benzo(g,h,i)perylene	27.696	276	14127	0.408	ng		100

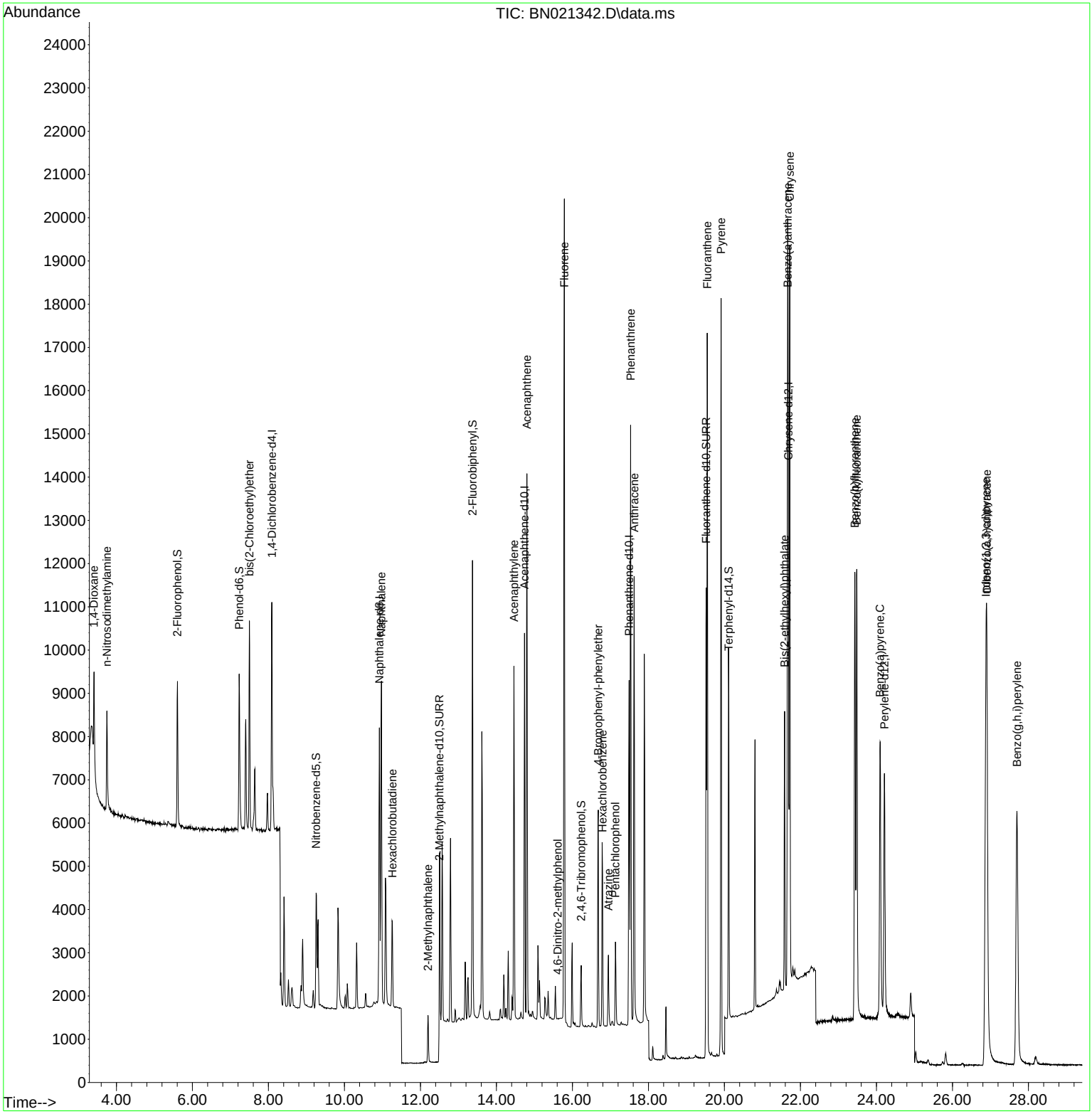
(#) = qualifier out of range (m) = manual integration (+) = signals summed

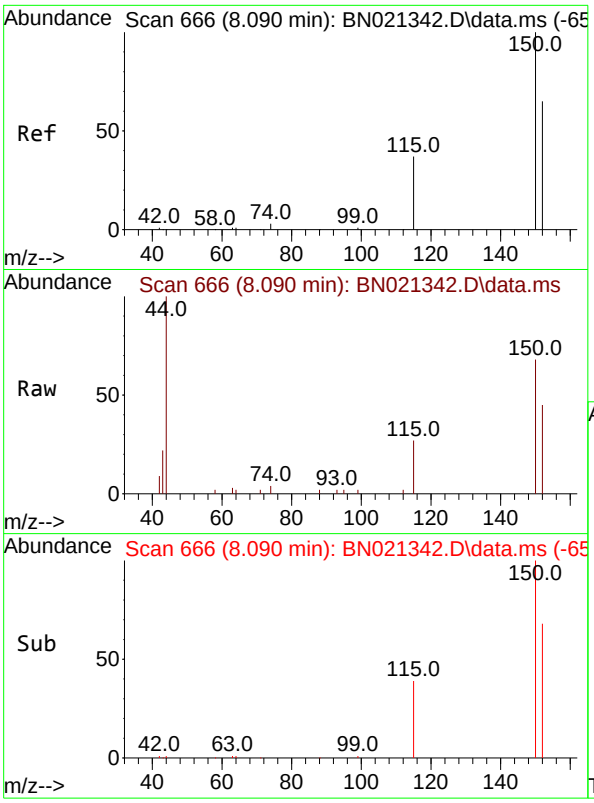
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082422\
Data File : BN021342.D
Acq On : 24 Aug 2022 17:51
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 25 06:26:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 06:17:49 2022
Response via : Initial Calibration



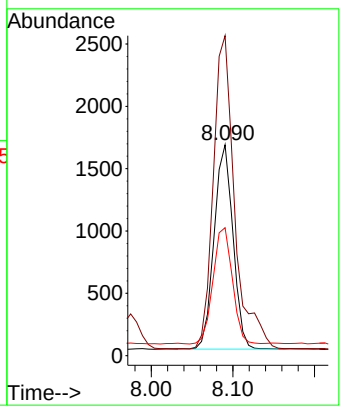


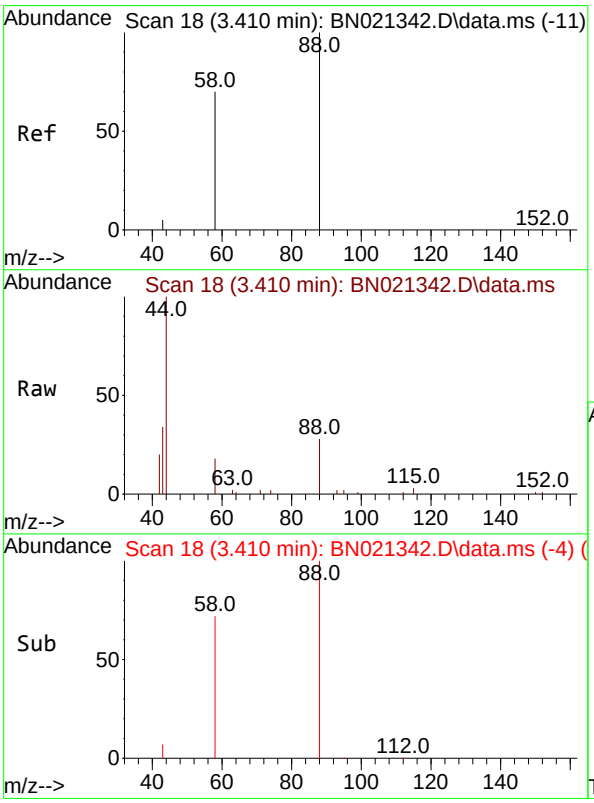
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.090 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2632

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.4	182.0
115	60.7	48.6	72.8

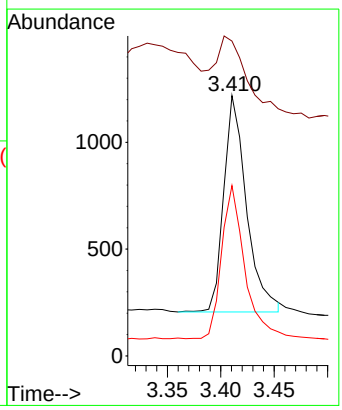


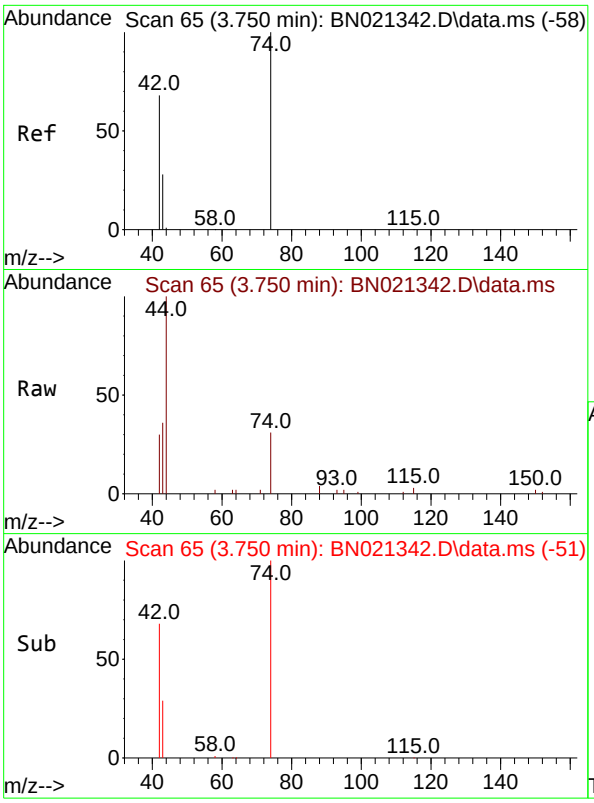


#2
1,4-Dioxane
Concen: 0.409 ng
RT: 3.410 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion: 88 Resp: 1502

Ion	Ratio	Lower	Upper
88	100		
43	44.8	35.8	53.8
58	71.4	57.1	85.7



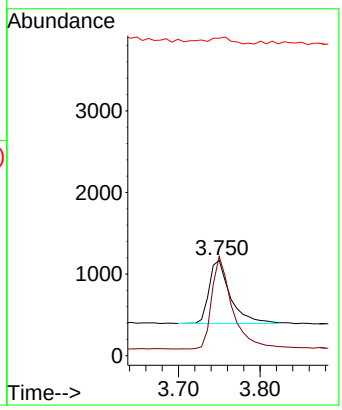


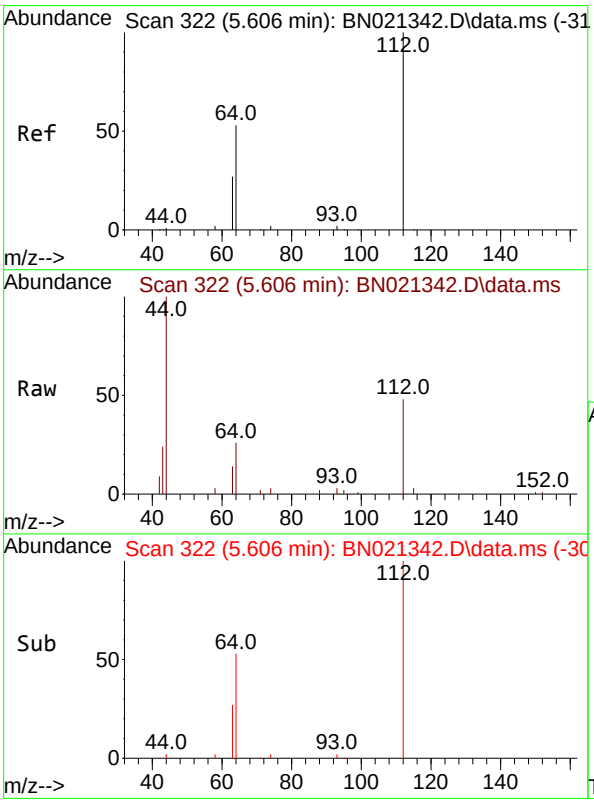
#3
n-Nitrosodimethylamine
Concen: 0.465 ng
RT: 3.750 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 1392

Ion	Ratio	Lower	Upper
42	100		
74	141.3	113.0	169.6
44	13.1	10.5	15.7

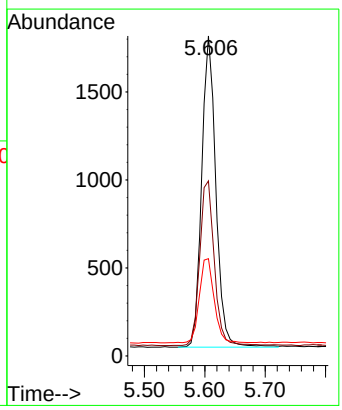


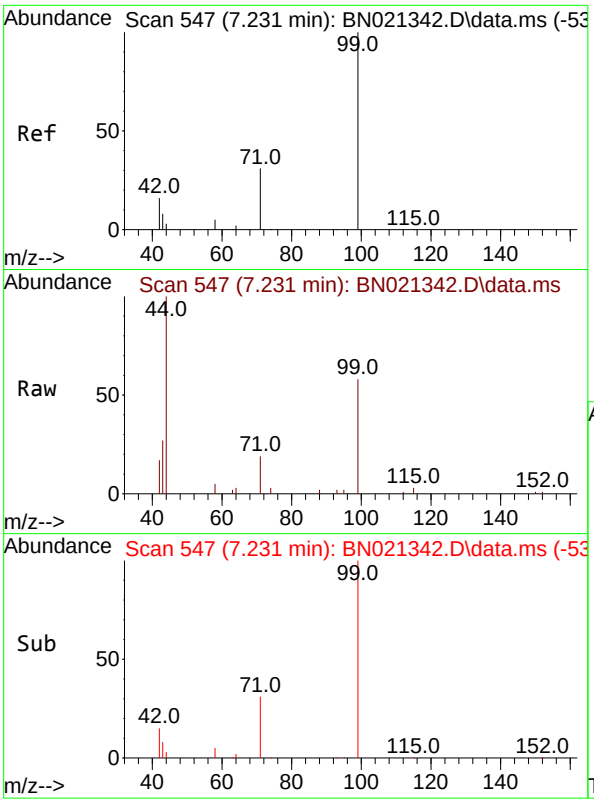


#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.606 min Scan# 322
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:112 Resp: 2877

Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.5	65.3
63	28.3	22.6	34.0



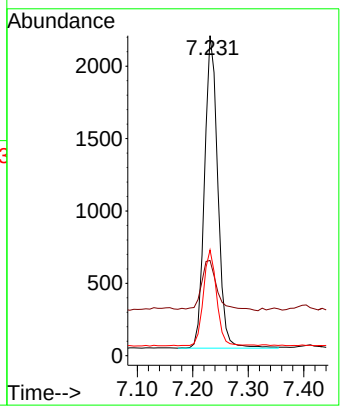


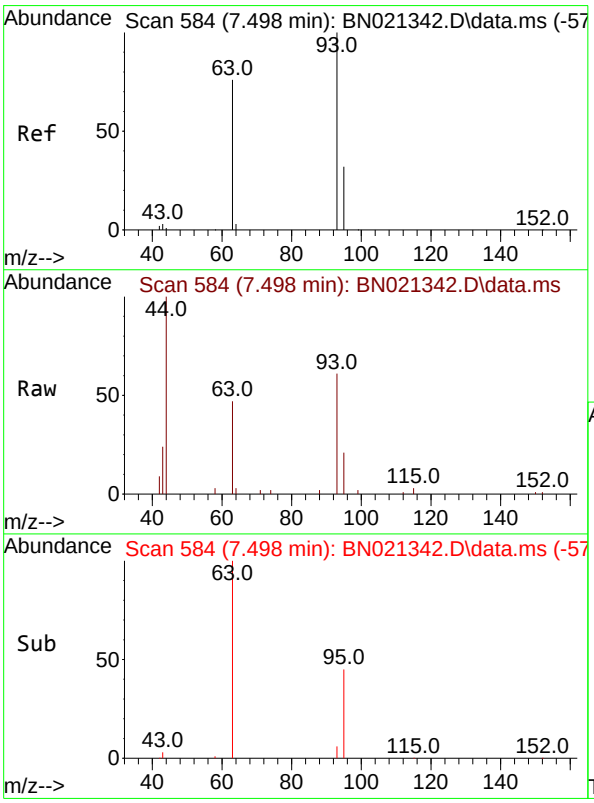
#5
Phenol-d6
Concen: 0.470 ng
RT: 7.231 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 3600

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.5	23.3
71	30.2	24.2	36.2

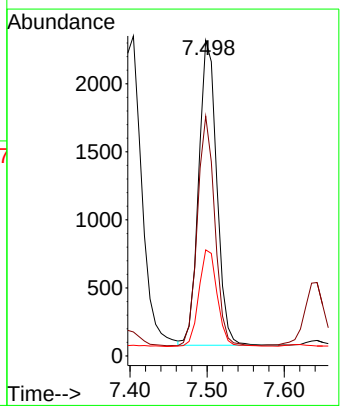


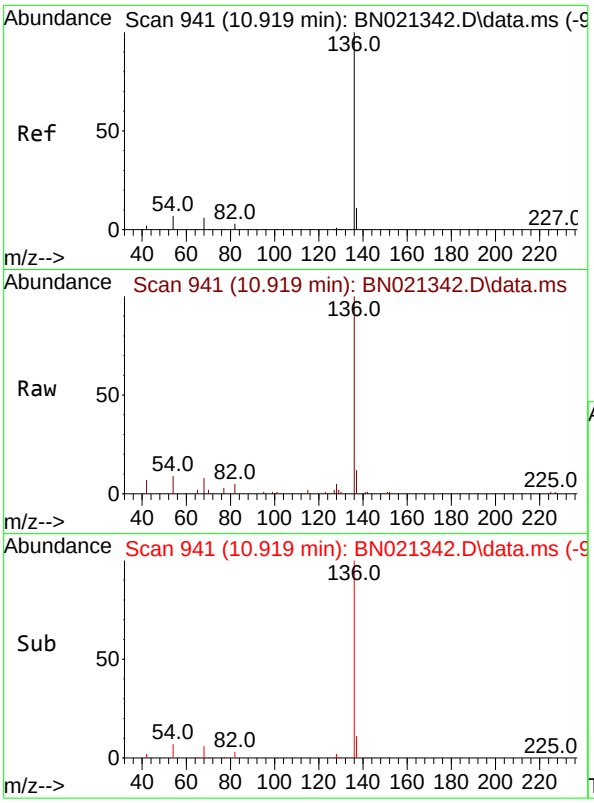


#6
bis(2-Chloroethyl)ether
Concen: 0.564 ng
RT: 7.498 min Scan# 584
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion: 93 Resp: 3646

Ion	Ratio	Lower	Upper
93	100		
63	72.3	57.8	86.8
95	32.4	25.9	38.9



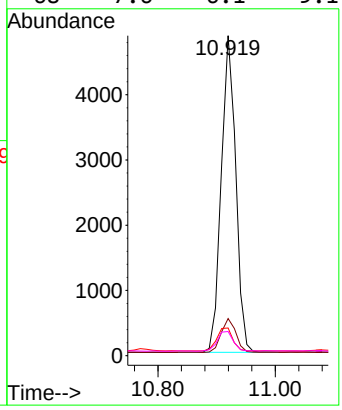


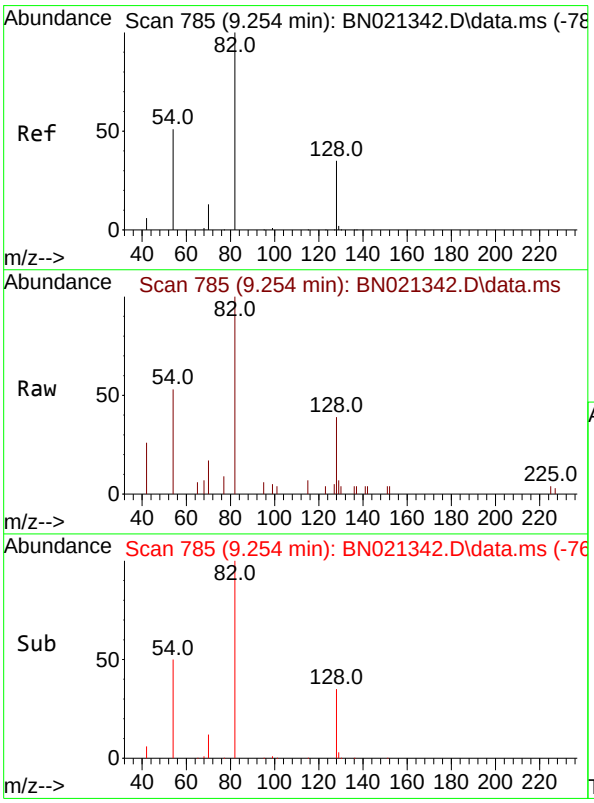
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.919 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 8307

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.6	6.9	10.3
68	7.6	6.1	9.1

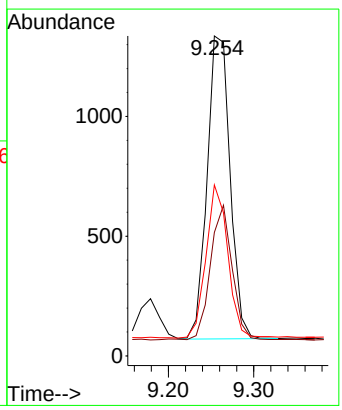


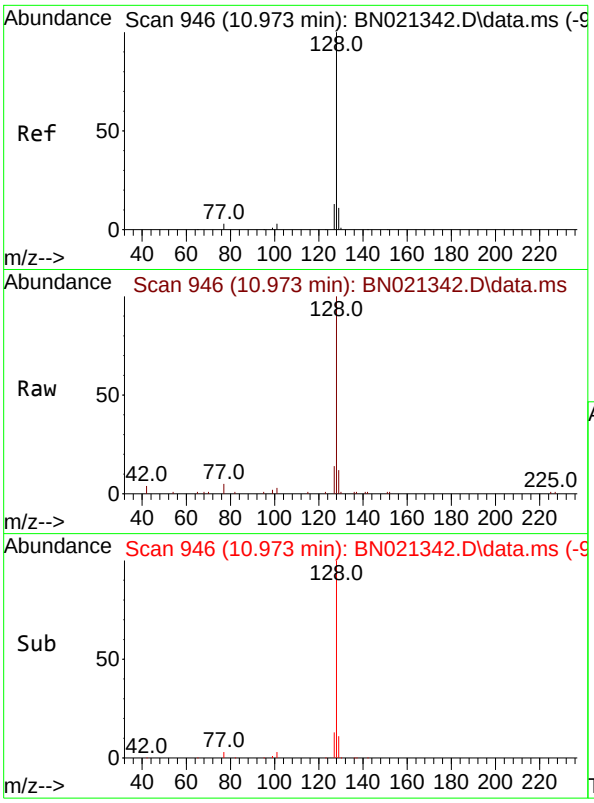


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion: 82 Resp: 2372

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	53.4	42.7	64.1



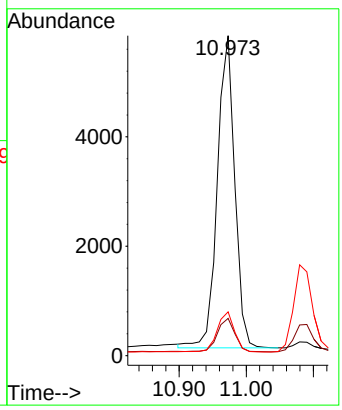


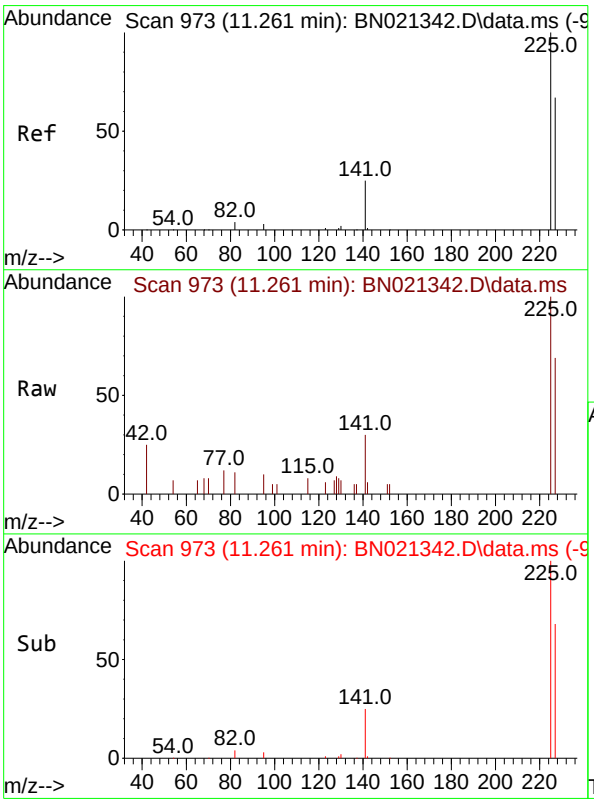
#9
Naphthalene
Concen: 0.410 ng
RT: 10.973 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 10294

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.7	11.0	16.4

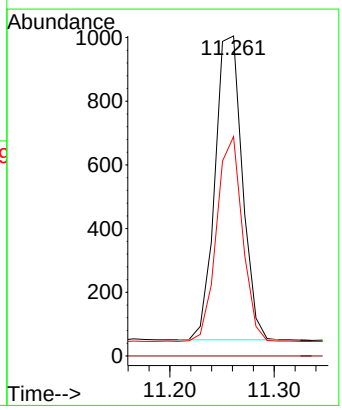


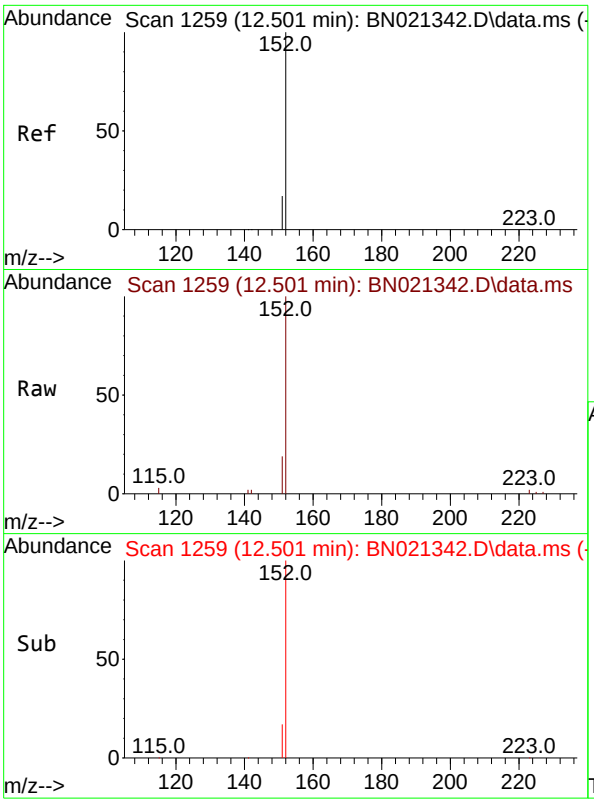


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 11.261 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:225 Resp: 1733

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



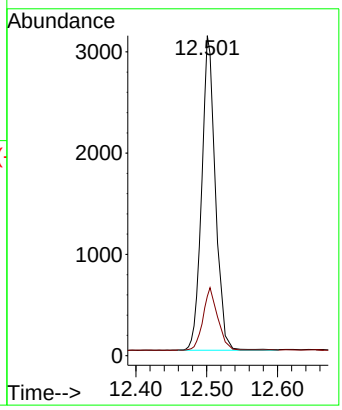


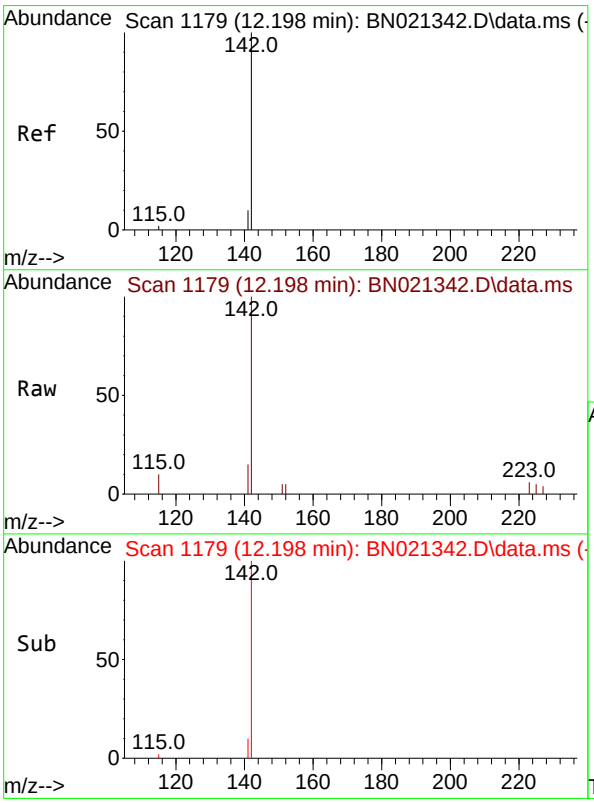
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5429

Ion	Ratio	Lower	Upper
152	100		
151	18.1	14.5	21.7

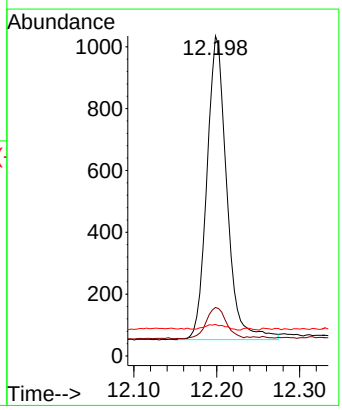


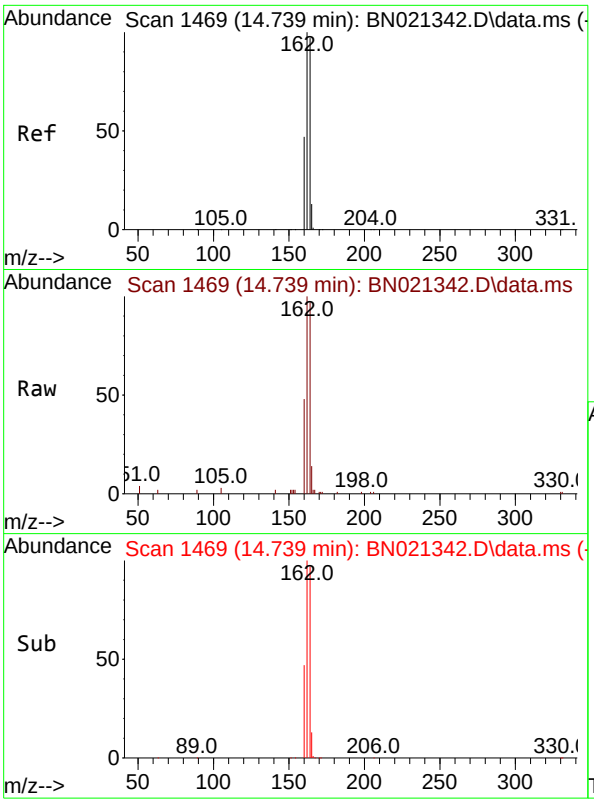


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.198 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:142 Resp: 1640

Ion	Ratio	Lower	Upper
142	100		
141	15.2	12.2	18.2
115	9.9	7.9	11.9



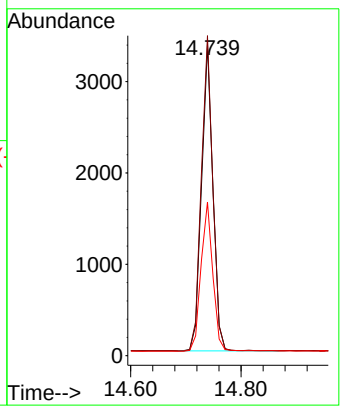


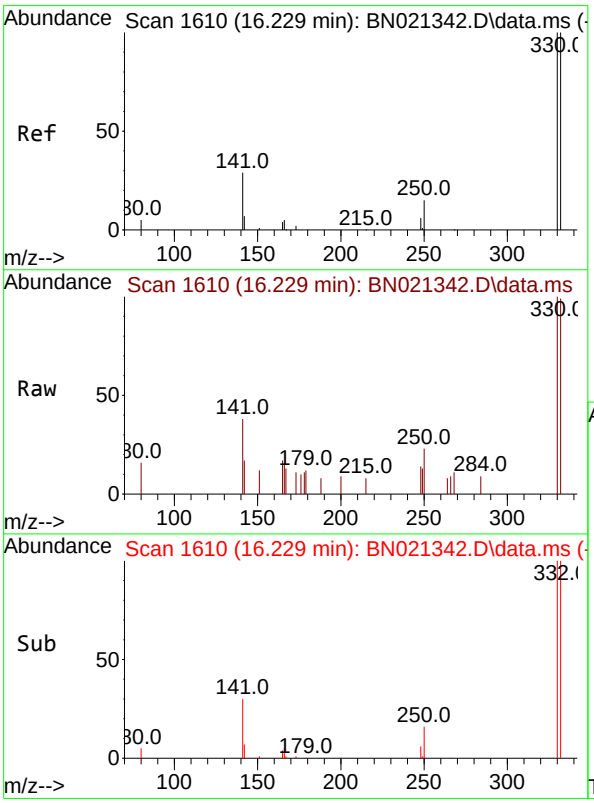
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.739 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 4837

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	49.4	39.5	59.3

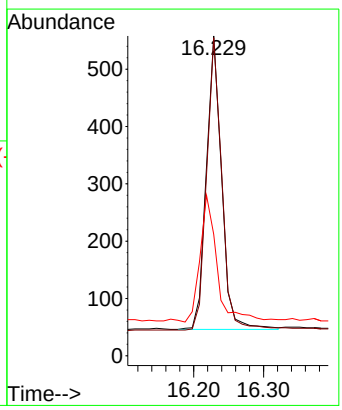


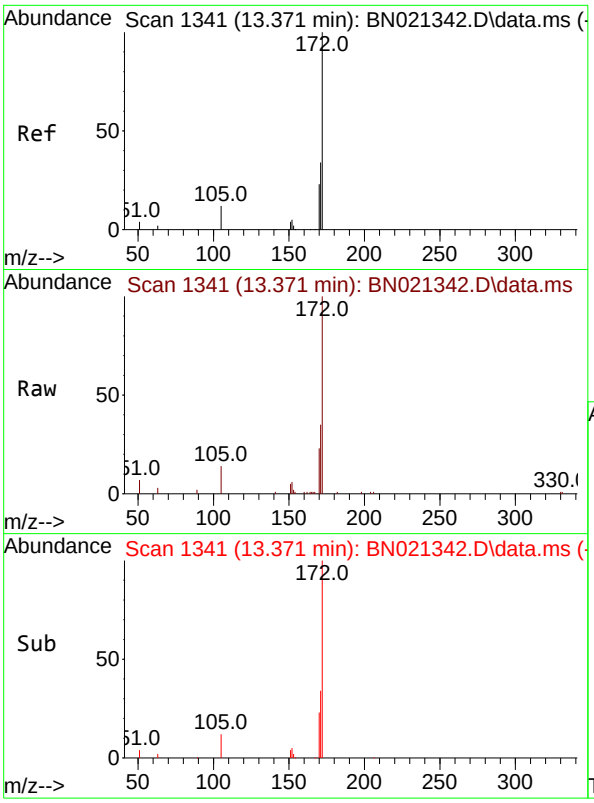


#14
2,4,6-Tribromophenol
Concen: 0.493 ng
RT: 16.229 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:330 Resp: 780

Ion	Ratio	Lower	Upper
330	100		
332	99.1	79.3	118.9
141	46.4	37.1	55.7



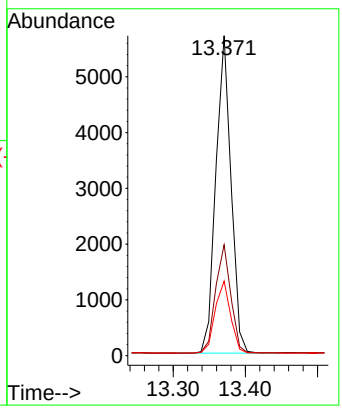


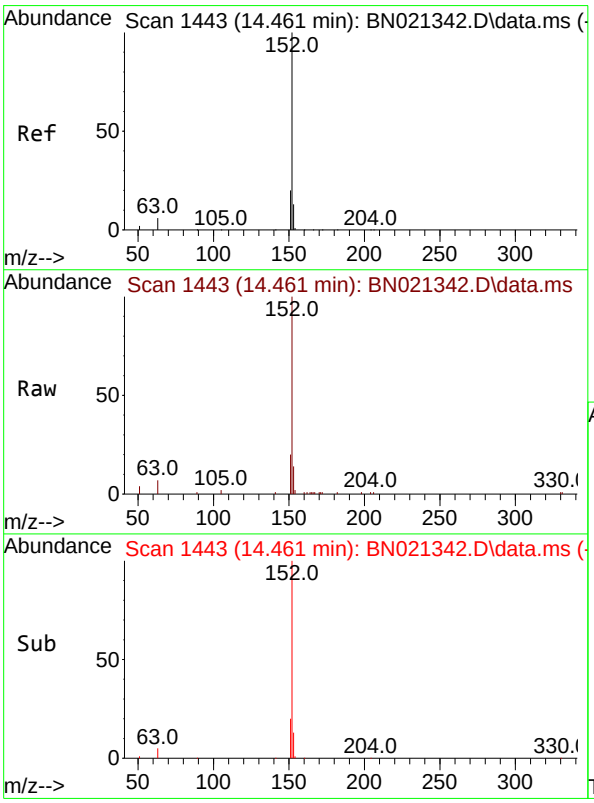
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.371 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 8302

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.6	28.0

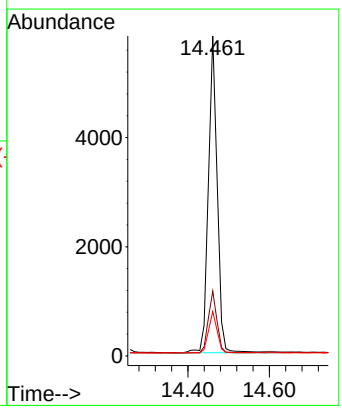


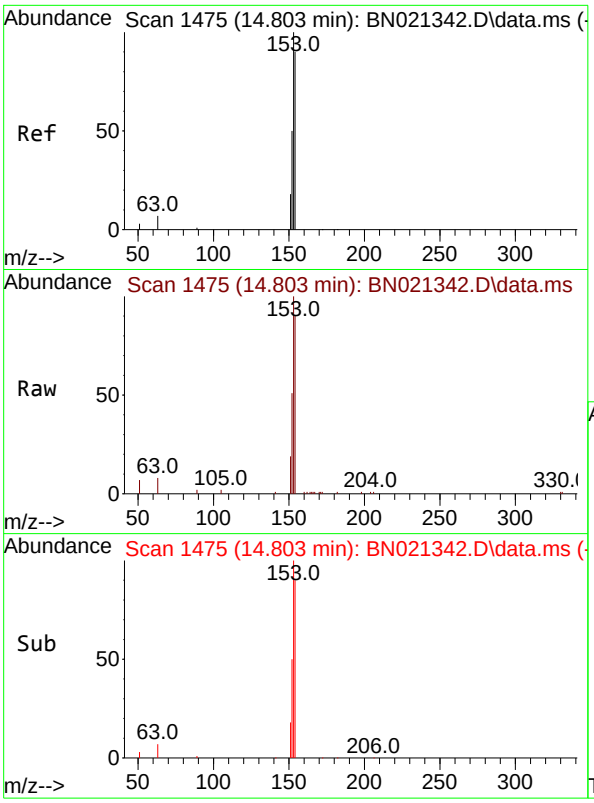


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.461 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:152 Resp: 8765

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.9	10.3	15.5



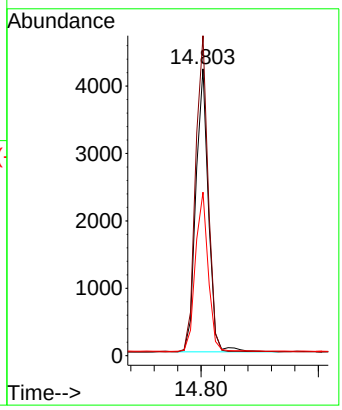


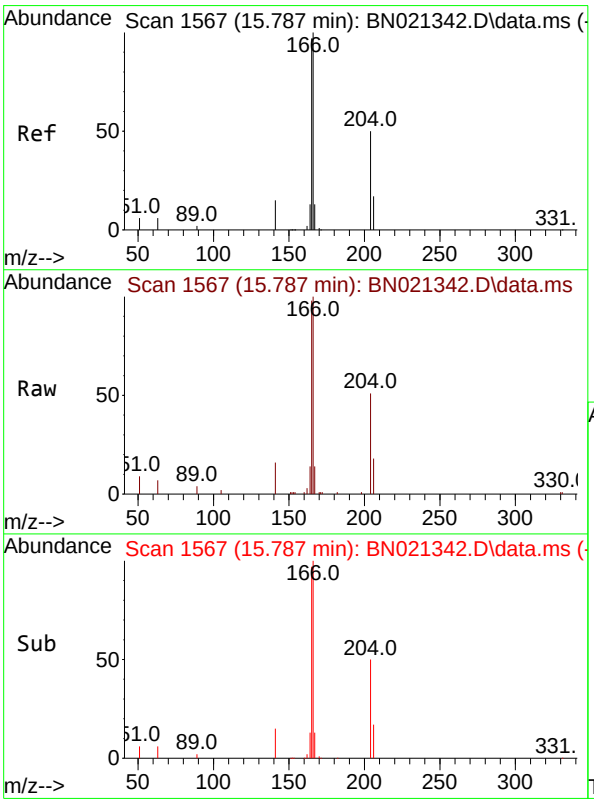
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.803 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 6285

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.5	134.3
152	56.9	45.5	68.3

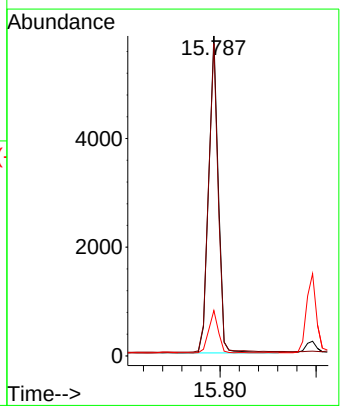


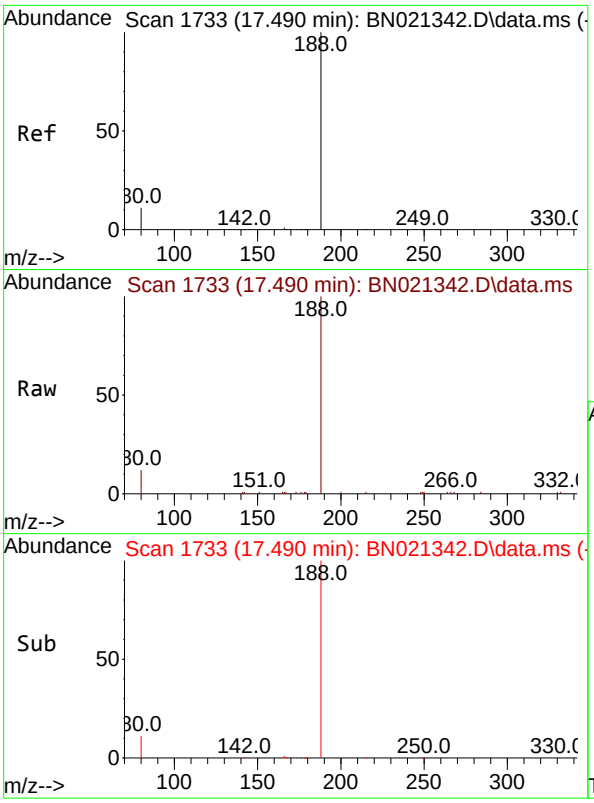


#18
Fluorene
Concen: 0.390 ng
RT: 15.787 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:166 Resp: 7918

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.3	10.6	16.0



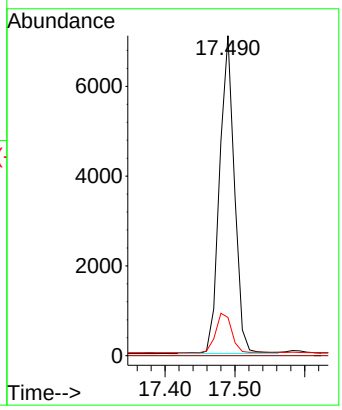


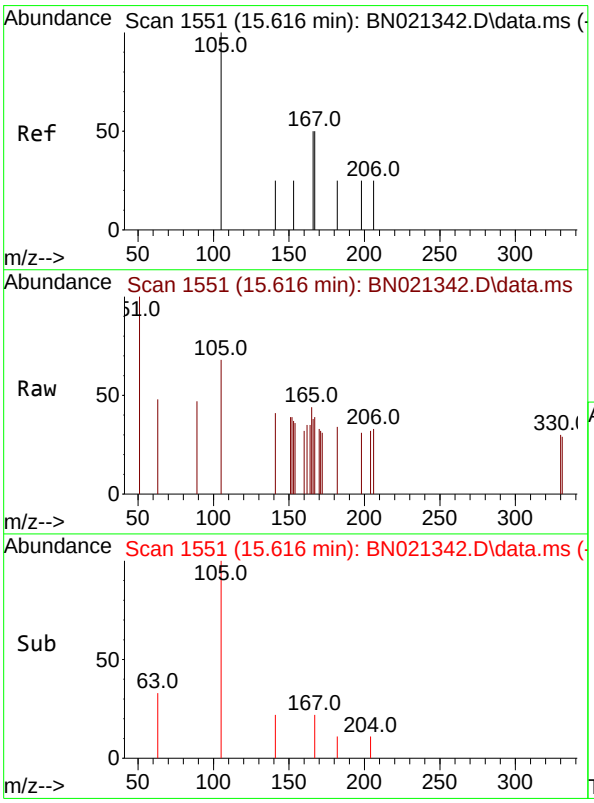
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.490 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 10485

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	9.5	14.3

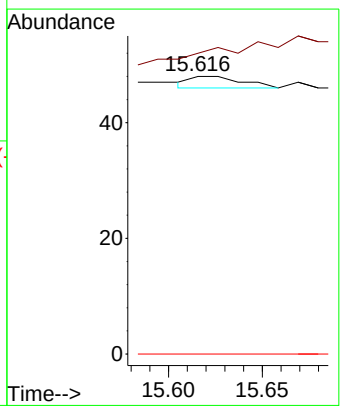


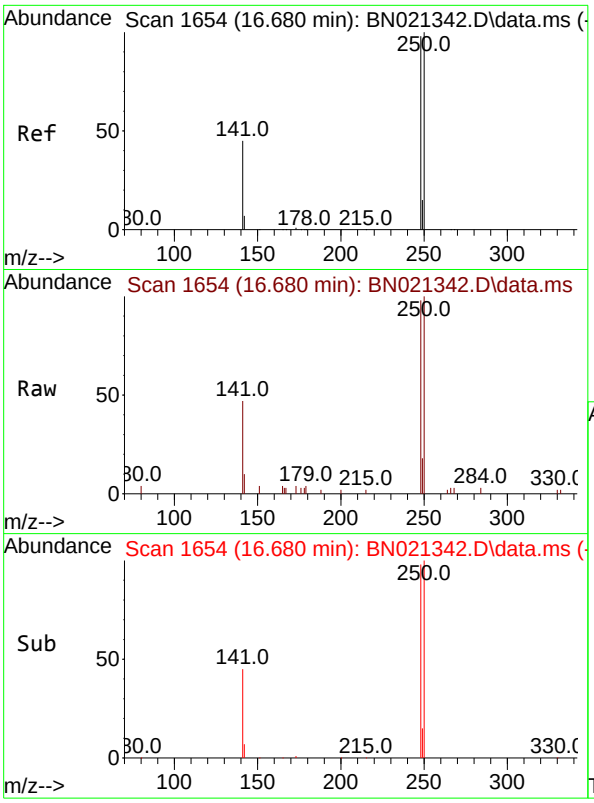


#20
4,6-Dinitro-2-methylphenol
Concen: 0.004 ng
RT: 15.616 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
182	108.3	86.6	130.0
77	0.0	0.0	0.0



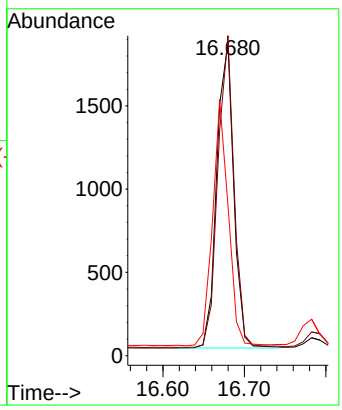


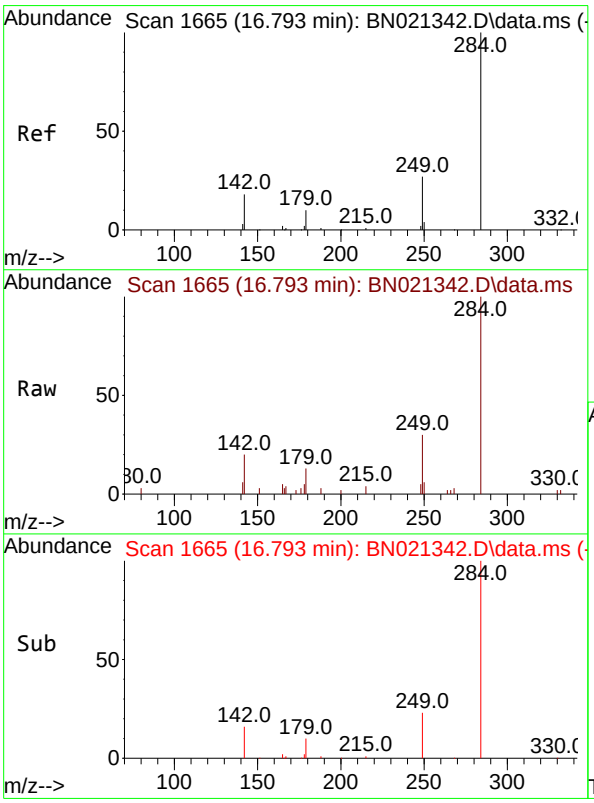
#21
4-Bromophenyl-phenylether
Concen: 0.412 ng
RT: 16.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 2649

Ion	Ratio	Lower	Upper
248	100		
250	102.2	81.8	122.6
141	48.1	38.5	57.7

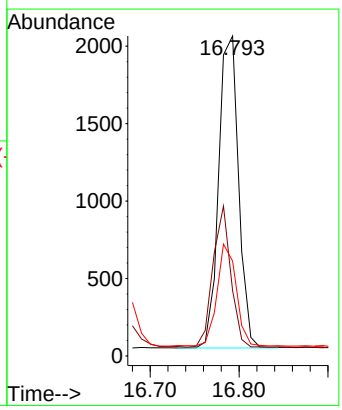


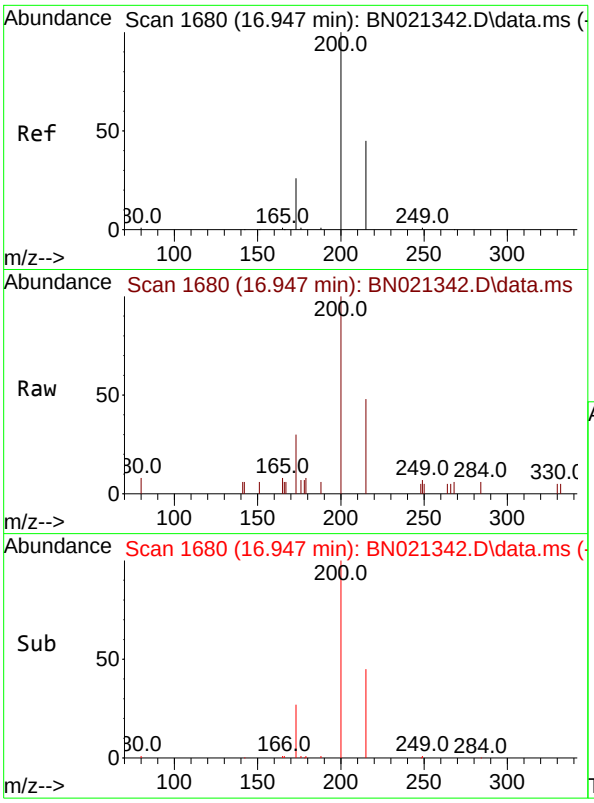


#22
Hexachlorobenzene
Concen: 0.432 ng
RT: 16.793 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:284 Resp: 3135

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.3	48.5
249	31.8	25.4	38.2



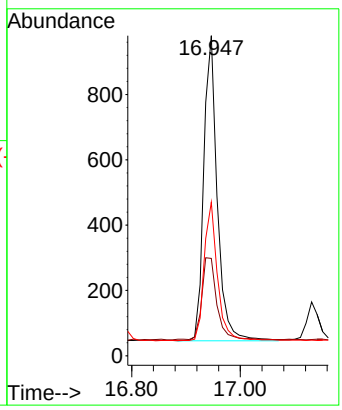


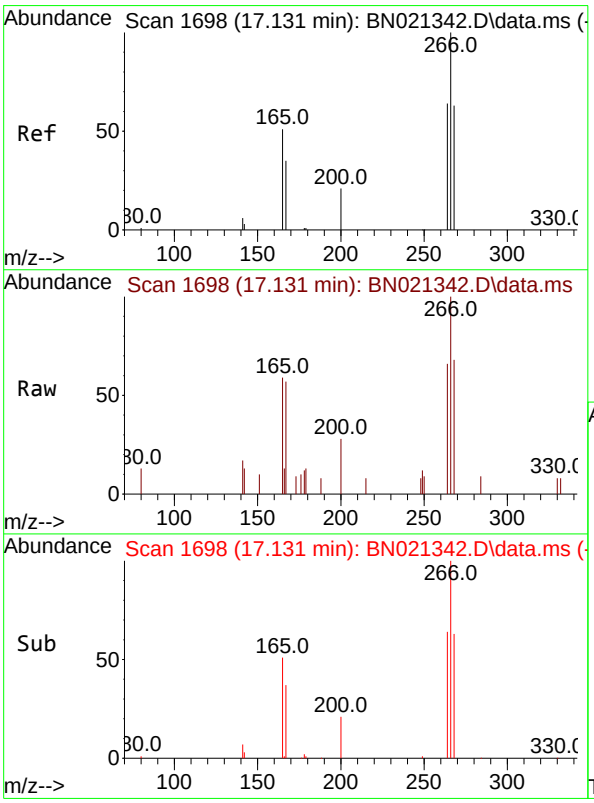
#23
Atrazine
Concen: 0.387 ng
RT: 16.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 1603

Ion	Ratio	Lower	Upper
200	100		
173	30.4	24.3	36.5
215	48.0	38.4	57.6

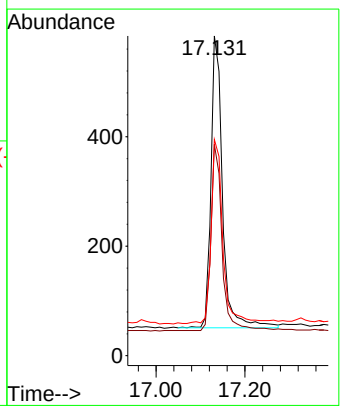


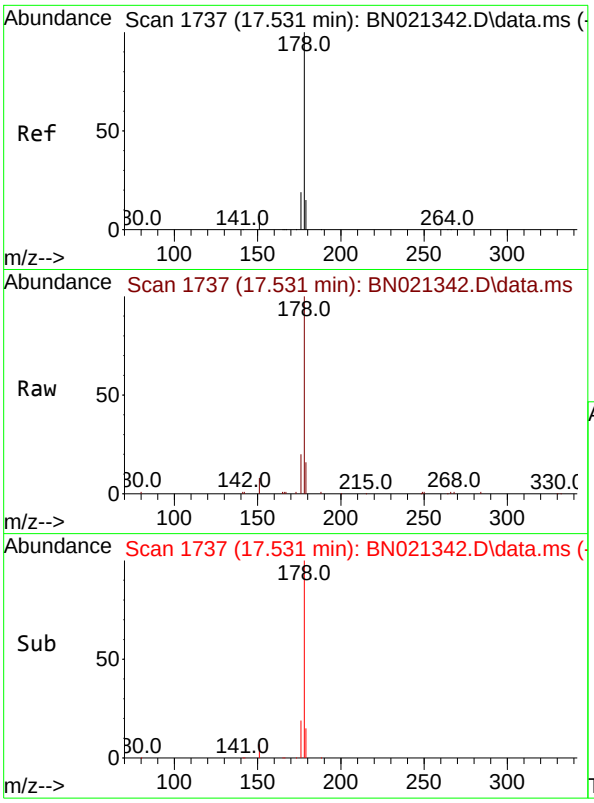


#24
Pentachlorophenol
Concen: 0.589 ng
RT: 17.131 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:266 Resp: 962

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.0	73.6
268	63.6	50.9	76.3



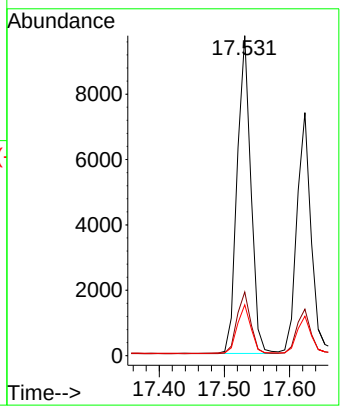


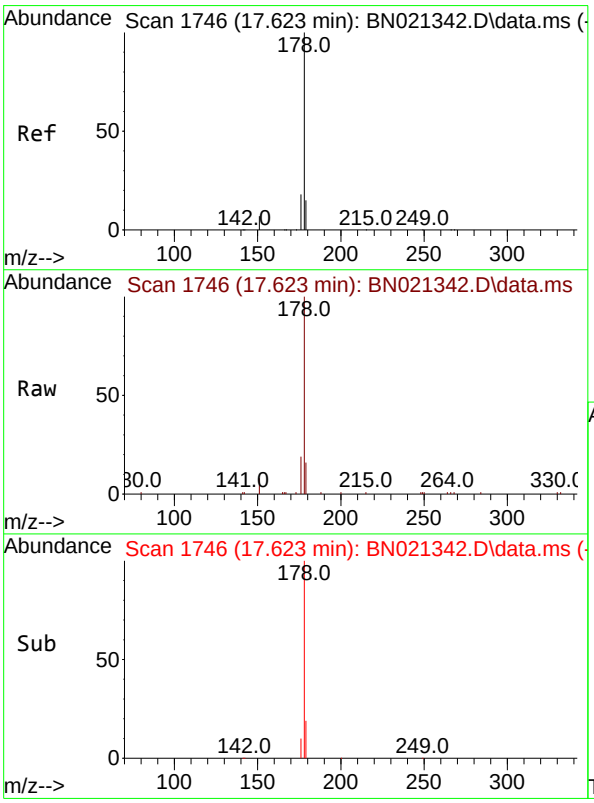
#25
Phenanthrene
Concen: 0.405 ng
RT: 17.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 14119

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

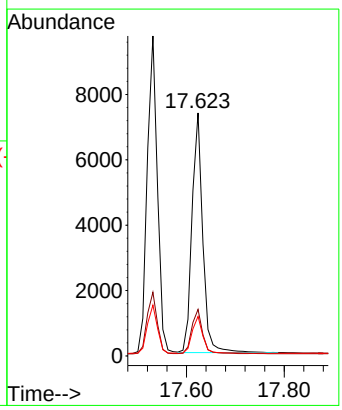


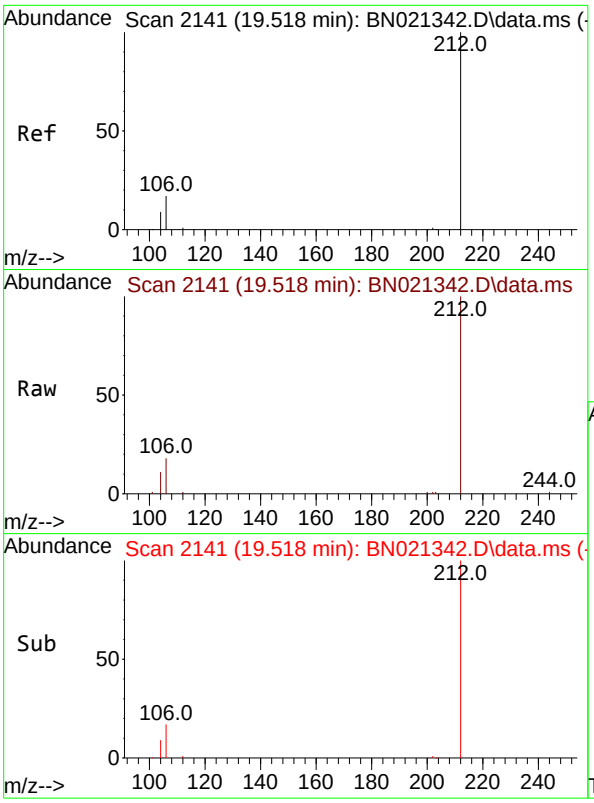


#26
Anthracene
Concen: 0.384 ng
RT: 17.623 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:178 Resp: 11188

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.2	18.2



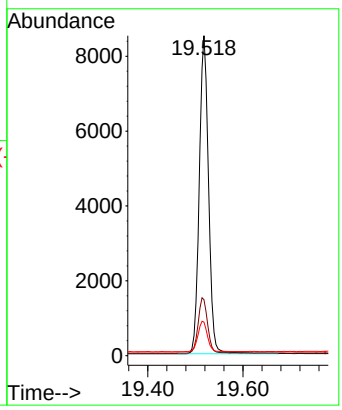


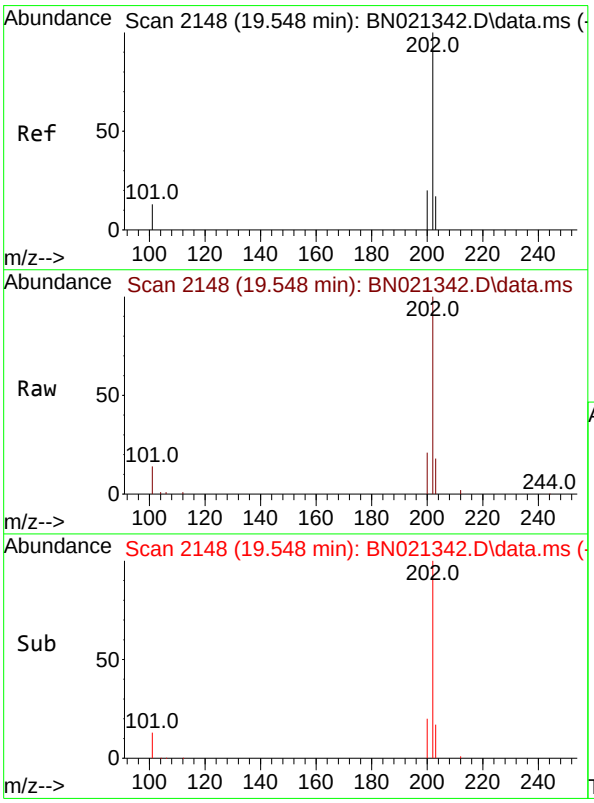
#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.518 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 11491

Ion	Ratio	Lower	Upper
212	100		
106	17.7	14.2	21.2
104	9.7	7.8	11.6

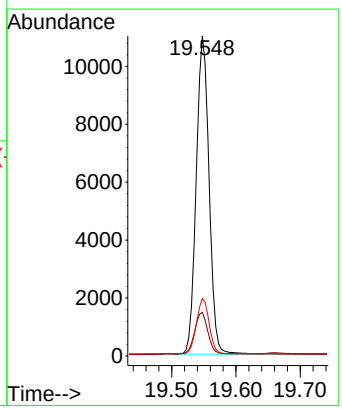


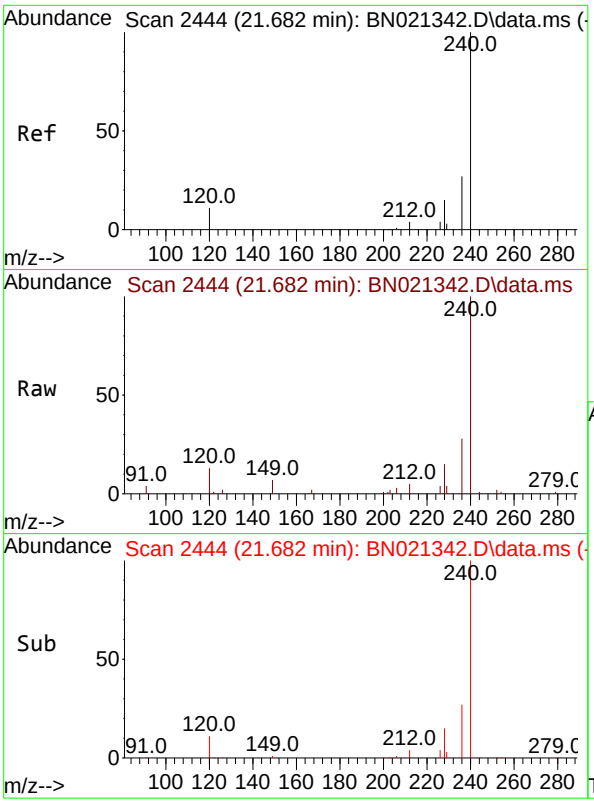


#28
Fluoranthene
Concen: 0.418 ng
RT: 19.548 min Scan# 2148
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:202 Resp: 15261

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.2	13.8	20.6



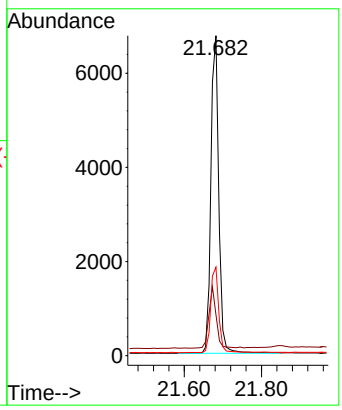


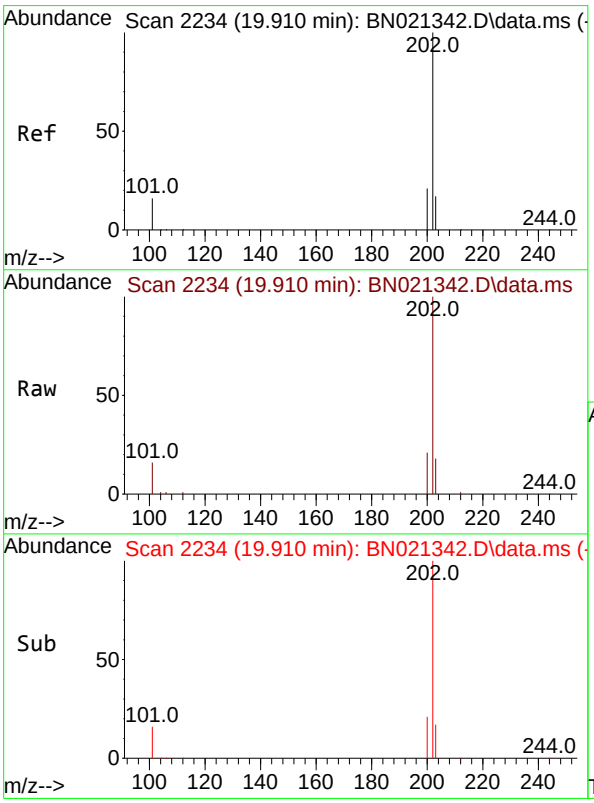
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.682 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 9514

Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.2	15.4
236	27.6	22.1	33.1

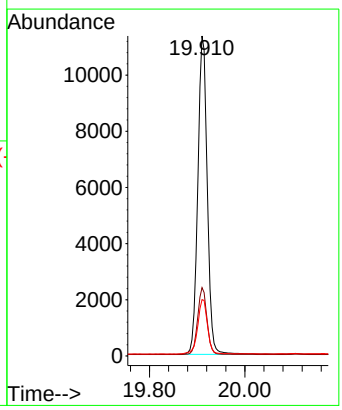


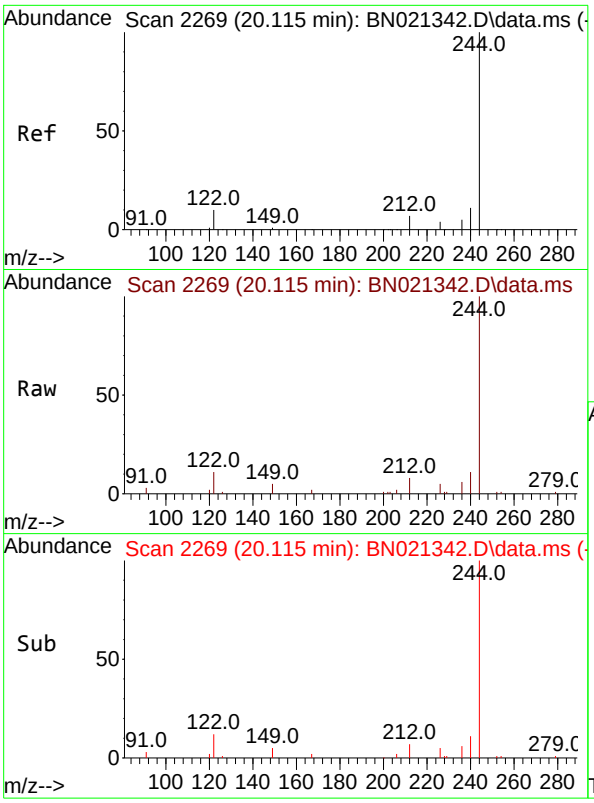


#30
Pyrene
Concen: 0.376 ng
RT: 19.910 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:202 Resp: 18422

Ion	Ratio	Lower	Upper
202	100		
200	17.4	13.9	20.9
203	14.9	11.9	17.9



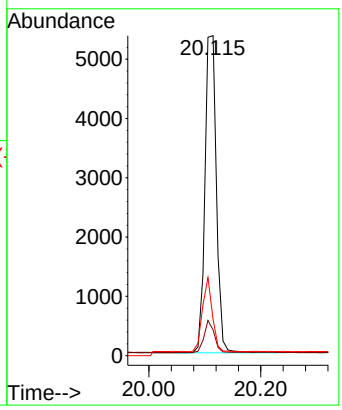


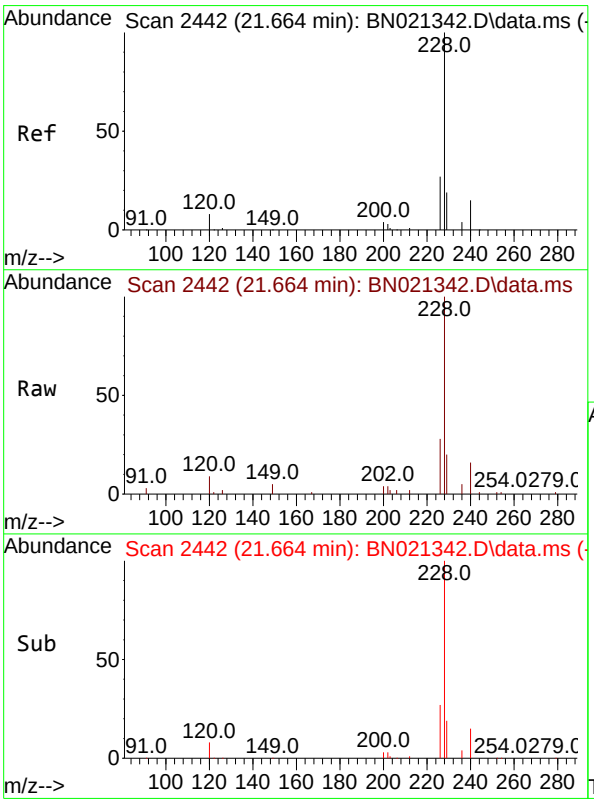
#31
Terphenyl-d14
Concen: 0.293 ng
RT: 20.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 7590

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.4	9.1	13.7

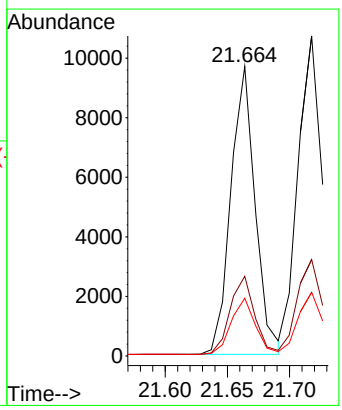


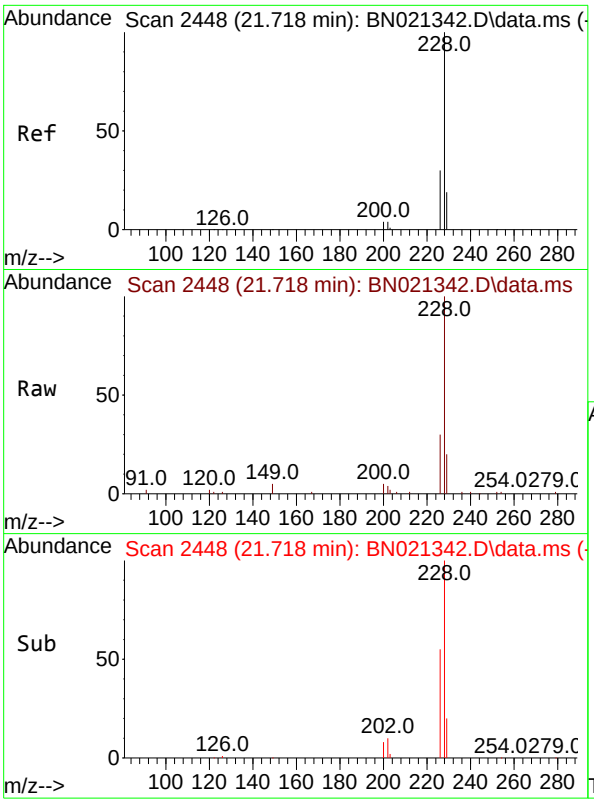


#32
Benzo(a)anthracene
Concen: 0.425 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:228 Resp: 13153

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.9	15.9	23.9



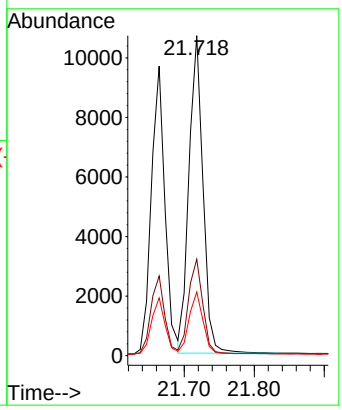


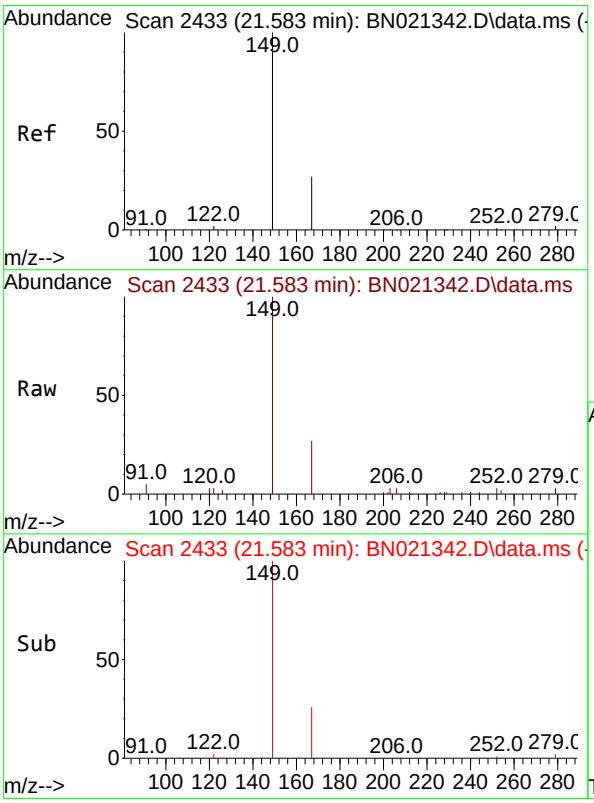
#33
Chrysene
Concen: 0.386 ng
RT: 21.718 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 14838

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.9	15.9	23.9

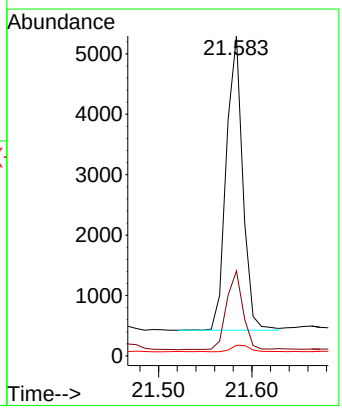


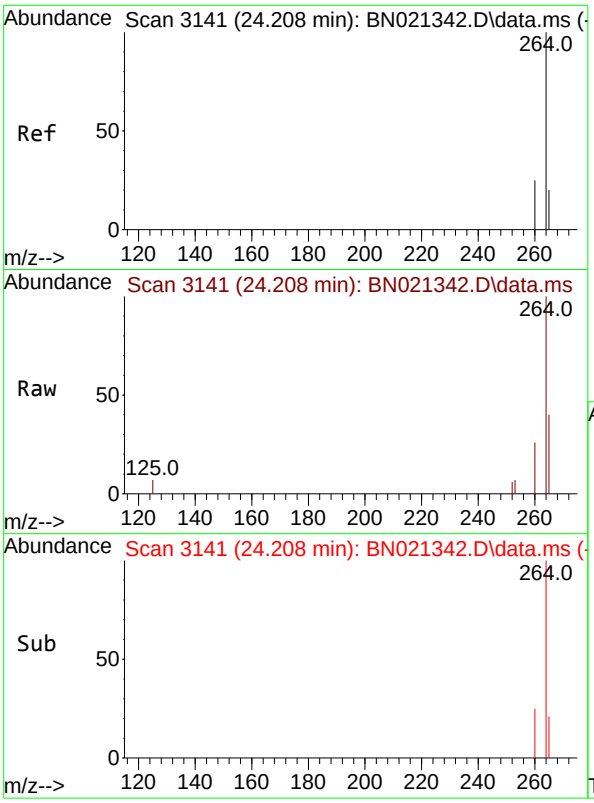


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.282 ng
RT: 21.583 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:149 Resp: 5960

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.4	32.0
279	2.7	2.2	3.2



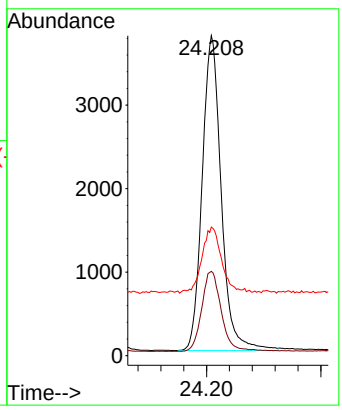


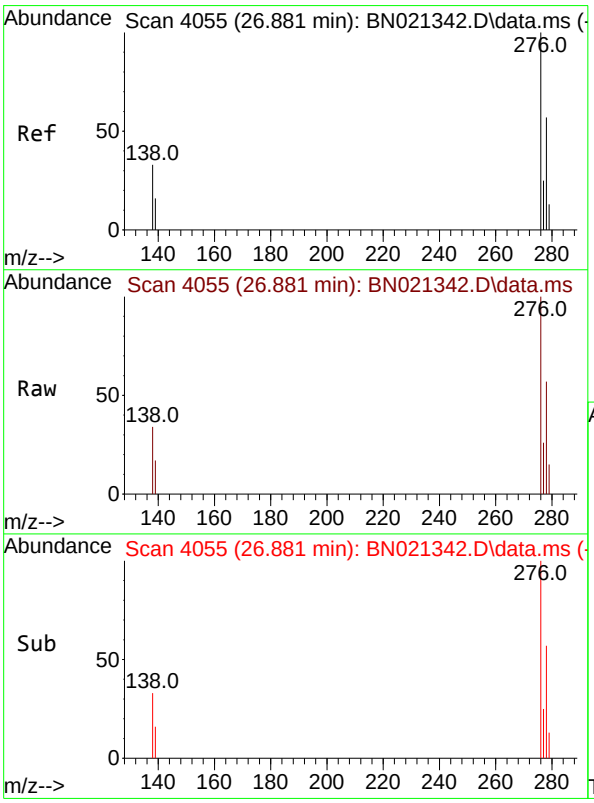
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.208 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 8705

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	40.2	32.2	48.2

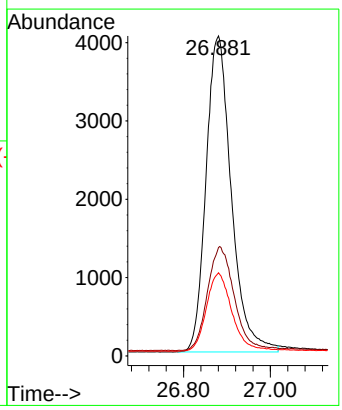


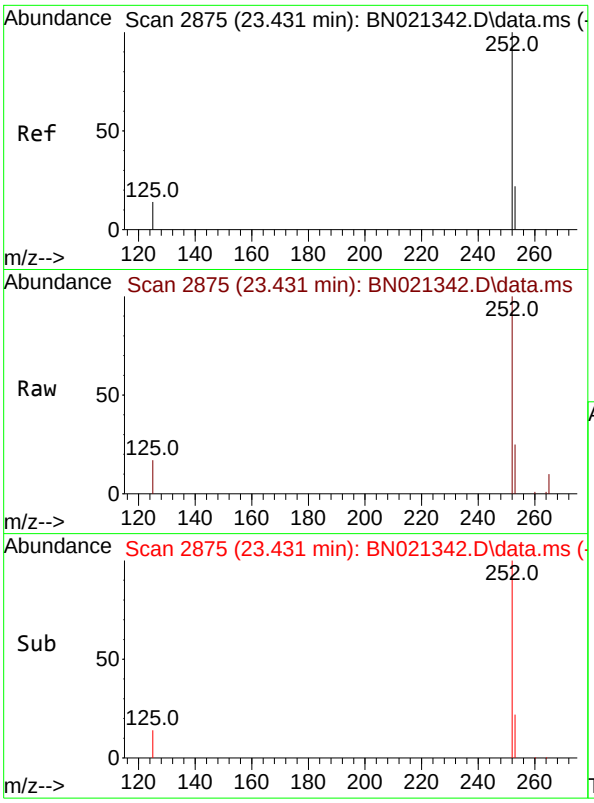


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng
RT: 26.881 min Scan# 4055
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:276 Resp: 16327

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



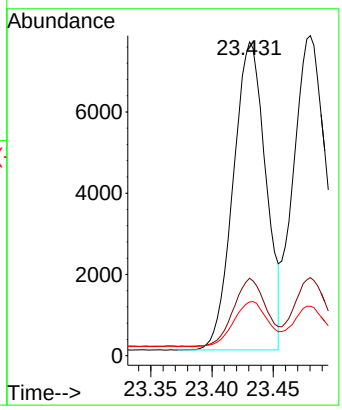


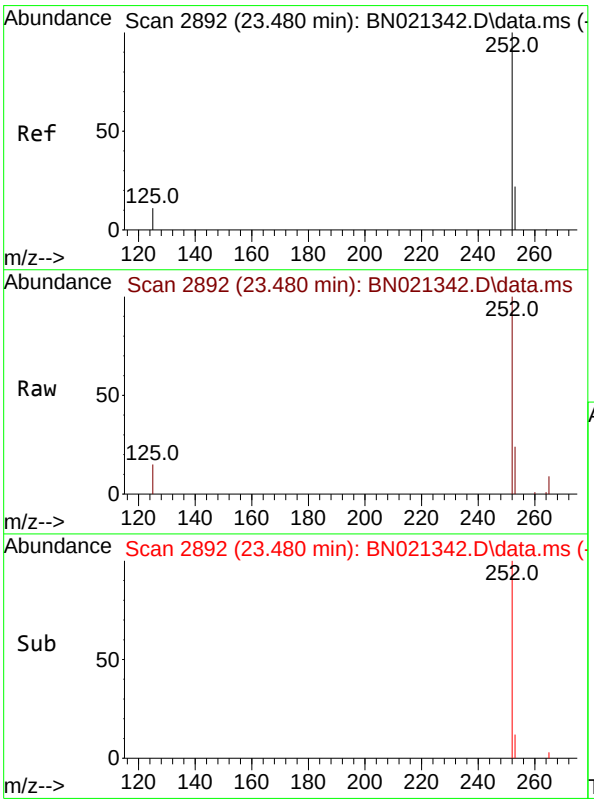
#37
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.431 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 14011

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.8	29.6
125	17.1	13.7	20.5

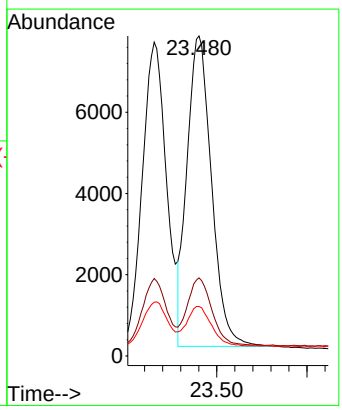


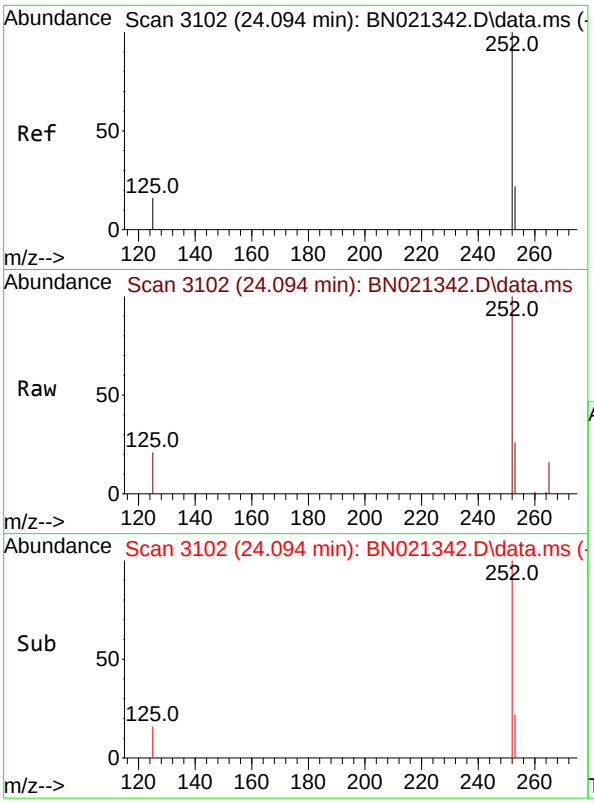


#38
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.480 min Scan# 2892
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:252 Resp: 14405

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	15.4	12.3	18.5



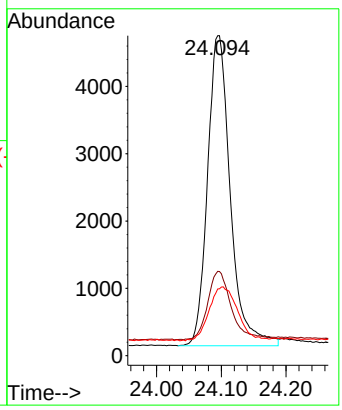


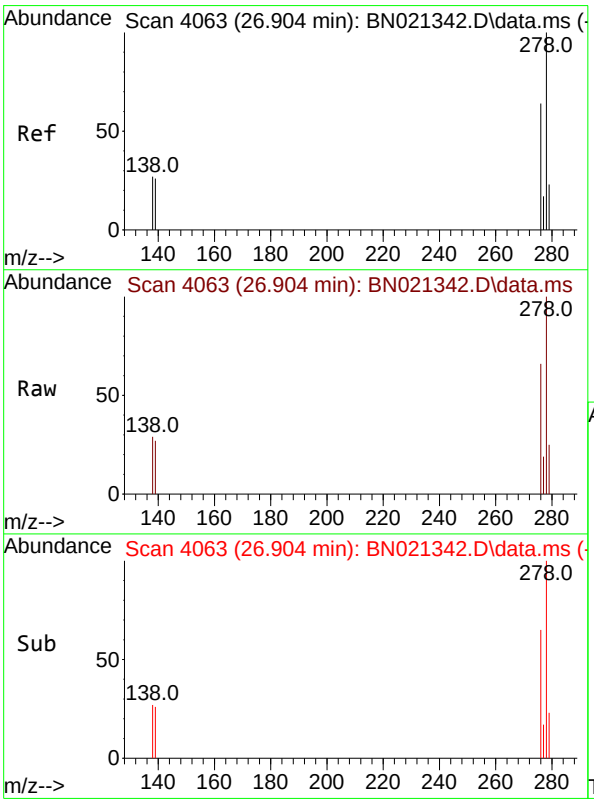
#39
Benzo(a)pyrene
Concen: 0.373 ng
RT: 24.094 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 11289

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.1	31.7
125	20.8	16.6	25.0

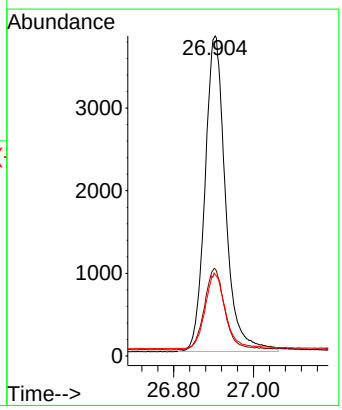


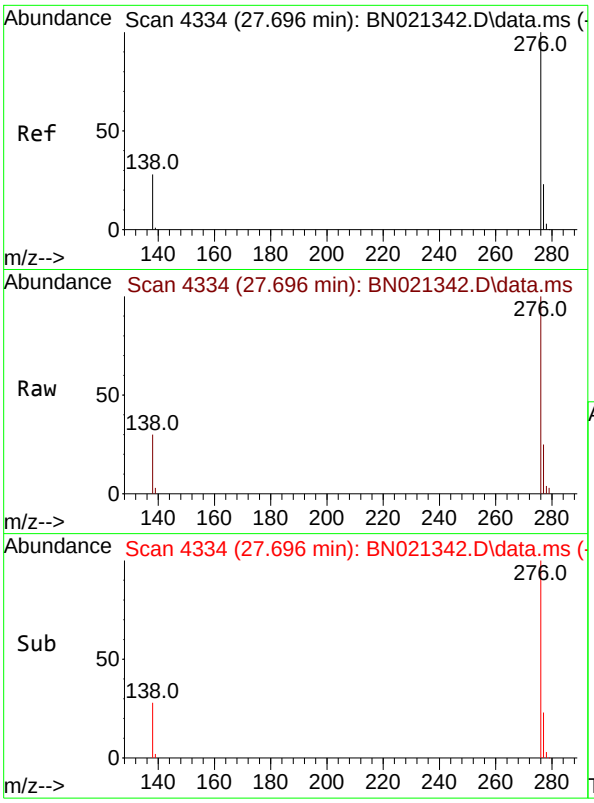


#40
Dibenzo(a,h)anthracene
Concen: 0.458 ng
RT: 26.904 min Scan# 4063
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Tgt Ion:278 Resp: 13633

Ion	Ratio	Lower	Upper
278	100		
139	27.2	21.8	32.6
279	25.5	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.408 ng
RT: 27.696 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021342.D
Acq: 24 Aug 2022 17:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 14127

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	29.6	23.7	35.5