Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019668.D
Acq On : 04 May 2022 17:00
Operator : CG/JU
Sample : IDOC-2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Quant Time: May 05 04:57:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5136	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14526	0.400	ng		# 0.01
13) Acenaphthene-d10	14.485	164	7710	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	15995	0.400	ng		0.00
29) Chrysene-d12	21.405	240	10429	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	7090	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	4411	0.368	ng		0.00
5) Phenol-d6	7.024	99	5153	0.351	ng		0.00
8) Nitrobenzene-d5	9.003	82	4161	0.353	ng		0.00
11) 2-Methylnaphthalene-d10	12.242	152	10052	0.425	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	859	0.301	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	12891	0.388	ng		0.01
27) Fluoranthene-d10	19.249	212	16624	0.375	ng		0.00
31) Terphenyl-d14	19.847	244	11288	0.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1765	0.297	ng	#	82
3) n-Nitrosodimethylamine	3.680	42	2338	0.381	ng		87
6) bis(2-Chloroethyl)ether	7.291	93	5790	0.390	ng		99
9) Naphthalene	10.701	128	15967	0.384	ng		100
10) Hexachlorobutadiene	11.000	225	3015	0.376	ng	#	99
12) 2-Methylnaphthalene	12.314	142	10189	0.374	ng		99
16) Acenaphthylene	14.196	152	14194	0.382	ng		98
17) Acenaphthene	14.538	154	9367	0.366	ng		99
18) Fluorene	15.522	166	11549	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	781	0.321	ng		91
21) 4-Bromophenyl-phenylether	16.415	248	3713	0.360	ng	#	81
22) Hexachlorobenzene	16.528	284	4333	0.378	ng		98
23) Atrazine	16.682	200	2156	0.326	ng	#	94
24) Pentachlorophenol	16.867	266	1817	0.424	ng		97
25) Phenanthrene	17.256	178	19680	0.371	ng		100
26) Anthracene	17.349	178	16142	0.359	ng		99
28) Fluoranthene	19.278	202	19215	0.347	ng		99
30) Pyrene	19.641	202	18728	0.434	ng		99
32) Benzo(a)anthracene	21.387	228	13606	0.368	ng		98
33) Chrysene	21.440	228	15972	0.395	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	6526	0.334	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.159	276	11561	0.359	ng		100
37) Benzo(b)fluoranthene	23.036	252	12796	0.437	ng		96
38) Benzo(k)fluoranthene	23.083	252	13548	0.437	ng		93
39) Benzo(a)pyrene	23.644	252	10173	0.458	ng		93
40) Dibenzo(a,h)anthracene	26.176	278	10008	0.381	ng		98
41) Benzo(g,h,i)perylene	26.893	276	10012	0.385	ng		100

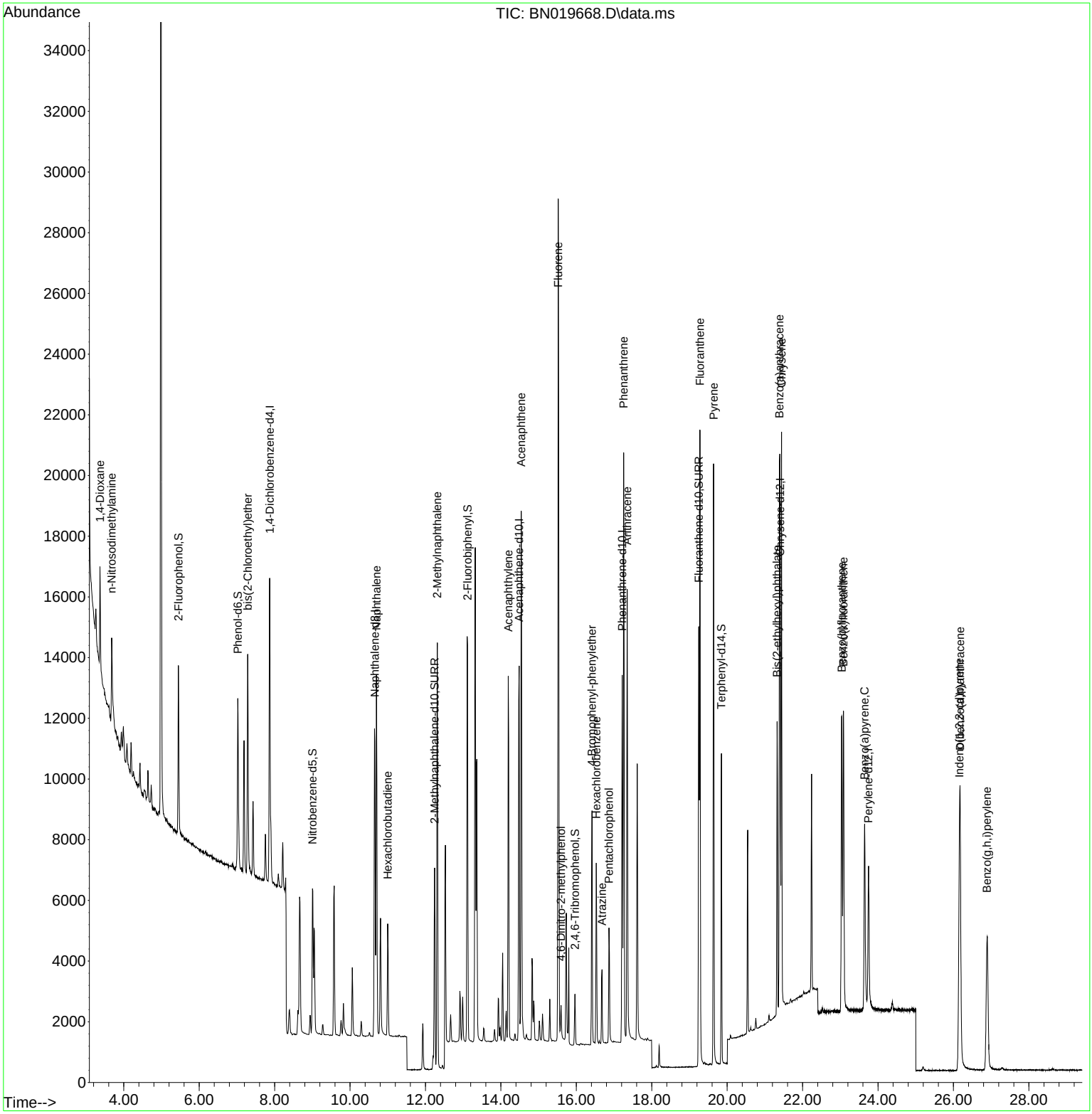
(#) = qualifier out of range (m) = manual integration (+) = signals summed

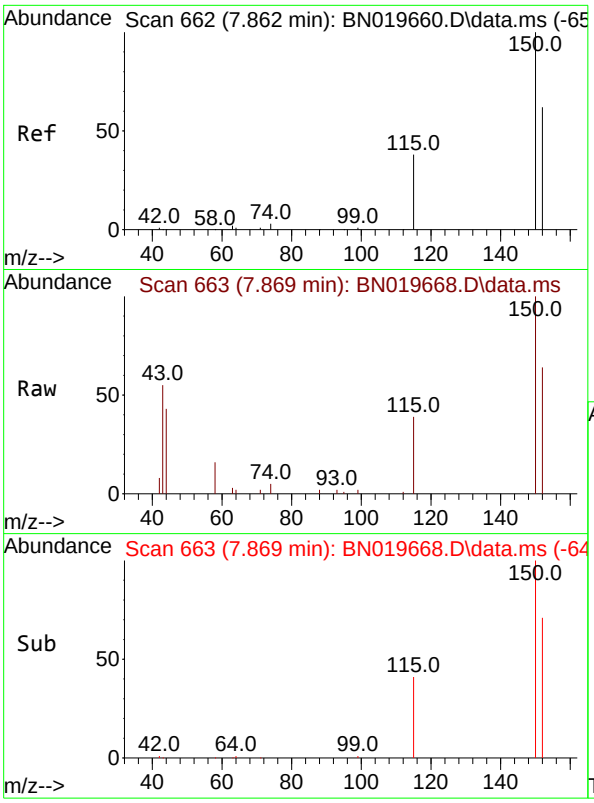
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019668.D
Acq On : 04 May 2022 17:00
Operator : CG/JU
Sample : IDOC-2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Quant Time: May 05 04:57:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration



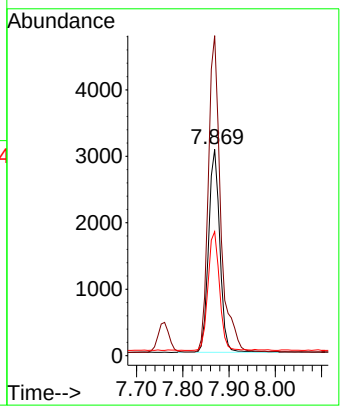


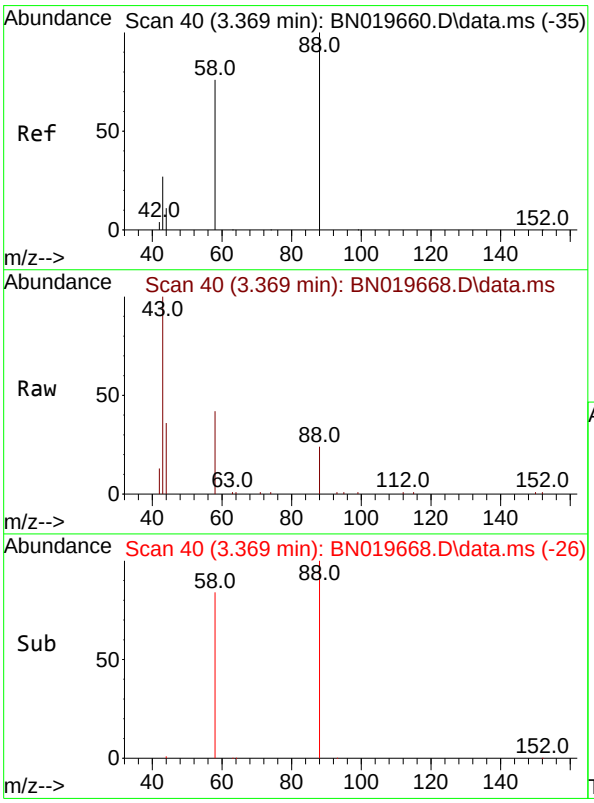
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:152 Resp: 5136

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.6	183.8
115	60.1	49.0	73.6

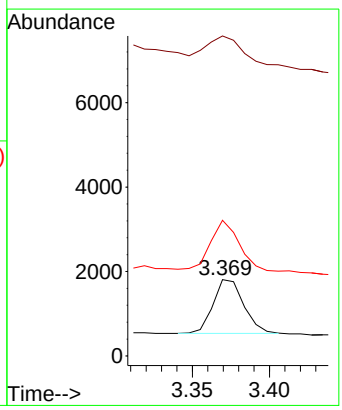


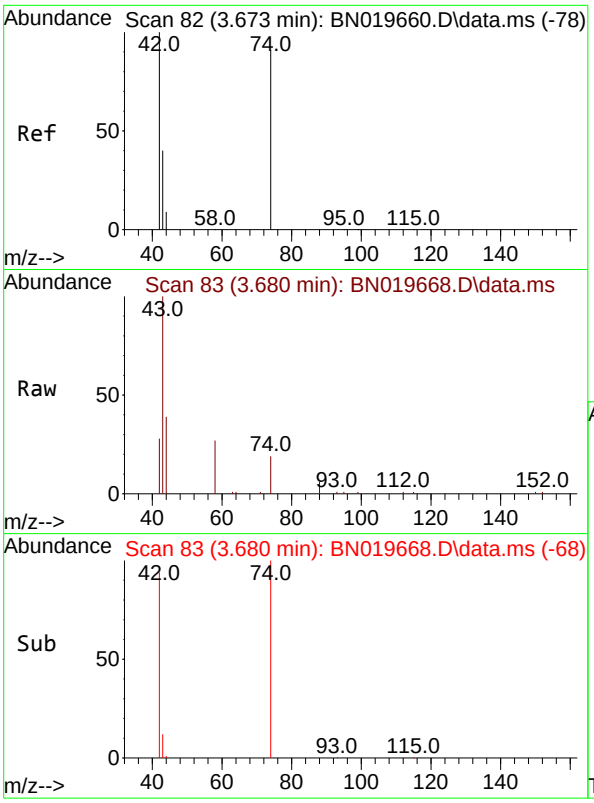


#2
1,4-Dioxane
Concen: 0.297 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion: 88 Resp: 1765

Ion	Ratio	Lower	Upper
88	100		
43	61.2	25.2	37.8#
58	89.0	67.6	101.4



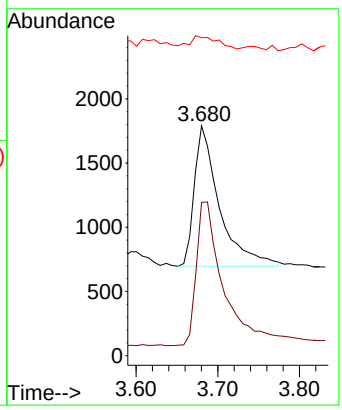


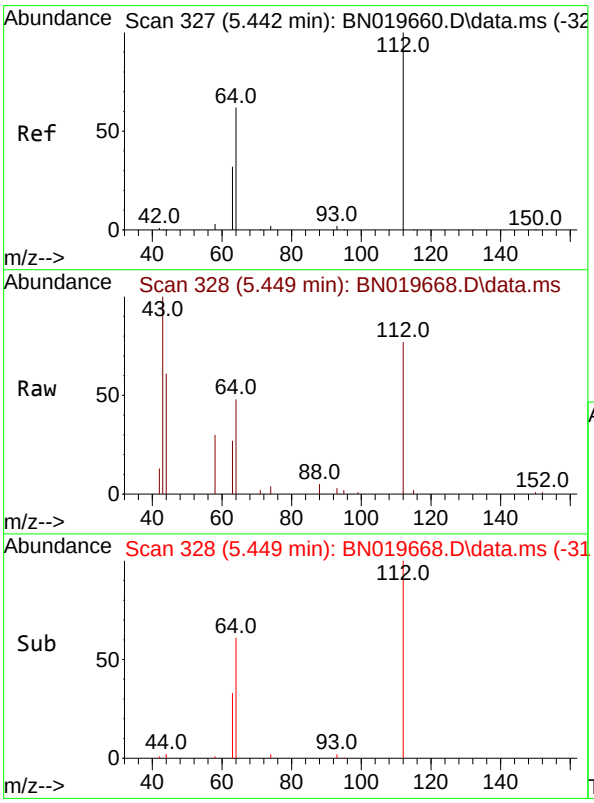
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.680 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion: 42 Resp: 2338

Ion	Ratio	Lower	Upper
42	100		
74	110.7	101.8	152.6
44	9.8	8.4	12.6

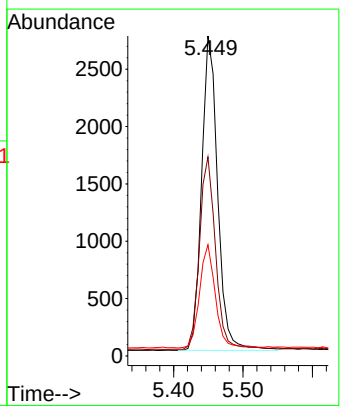


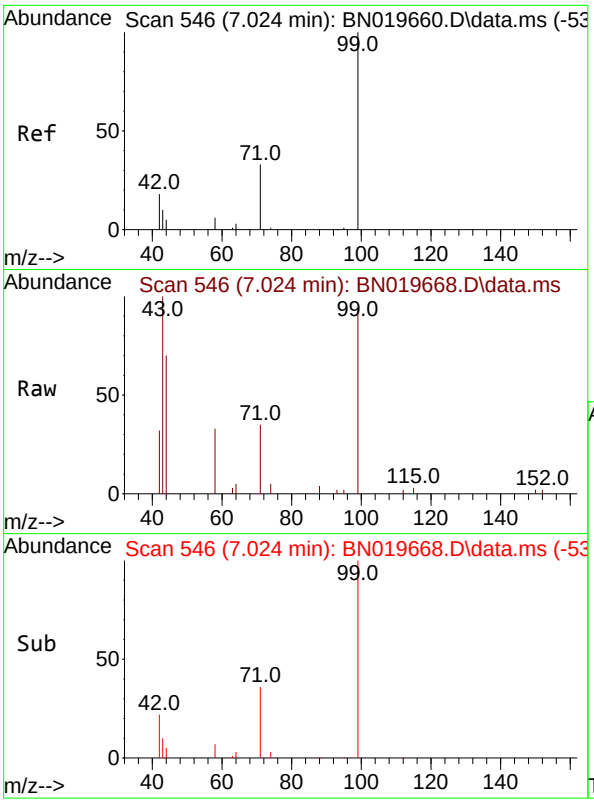


#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:112 Resp: 4411

Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.3	70.9
63	32.3	24.6	36.8



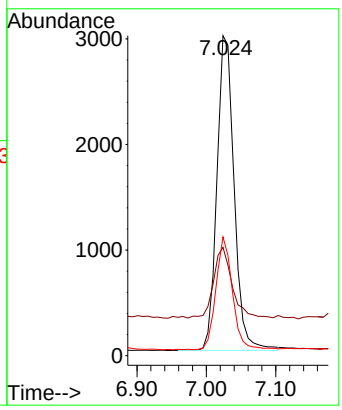


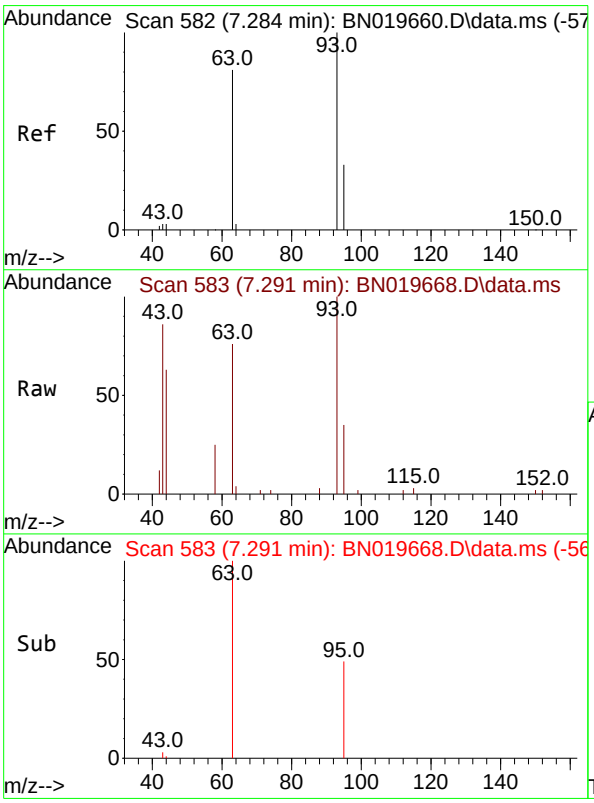
#5
Phenol-d6
Concen: 0.351 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion: 99 Resp: 5153

Ion	Ratio	Lower	Upper
99	100		
42	24.2	15.8	23.8#
71	34.7	26.5	39.7

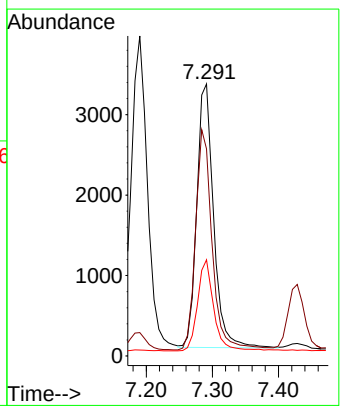


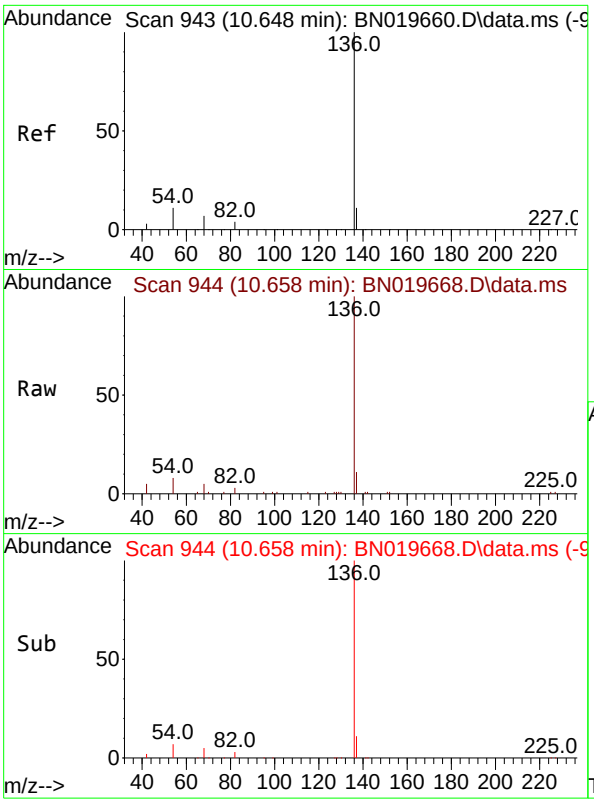


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.291 min Scan# 583
Delta R.T. 0.007 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion: 93 Resp: 5790

Ion	Ratio	Lower	Upper
93	100		
63	82.5	65.8	98.8
95	33.5	27.4	41.2



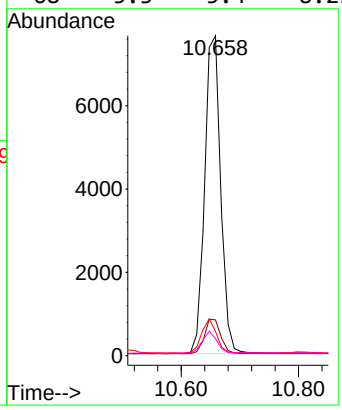


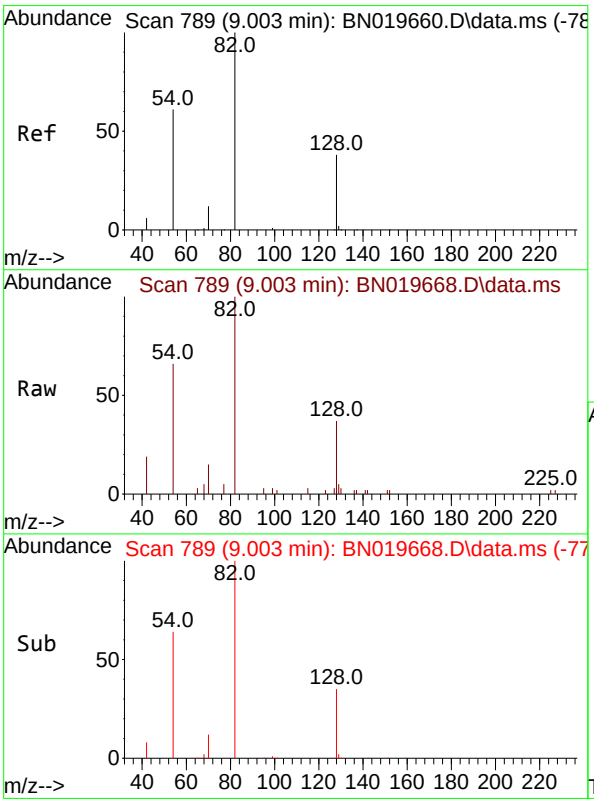
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:136 Resp: 14526

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	7.8	11.6#
68	5.3	5.4	8.2#

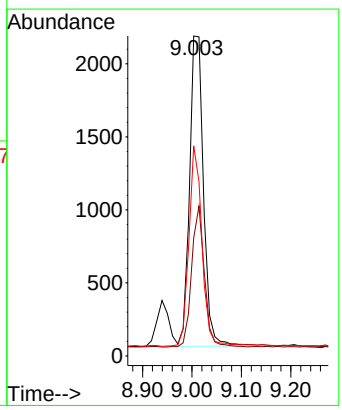


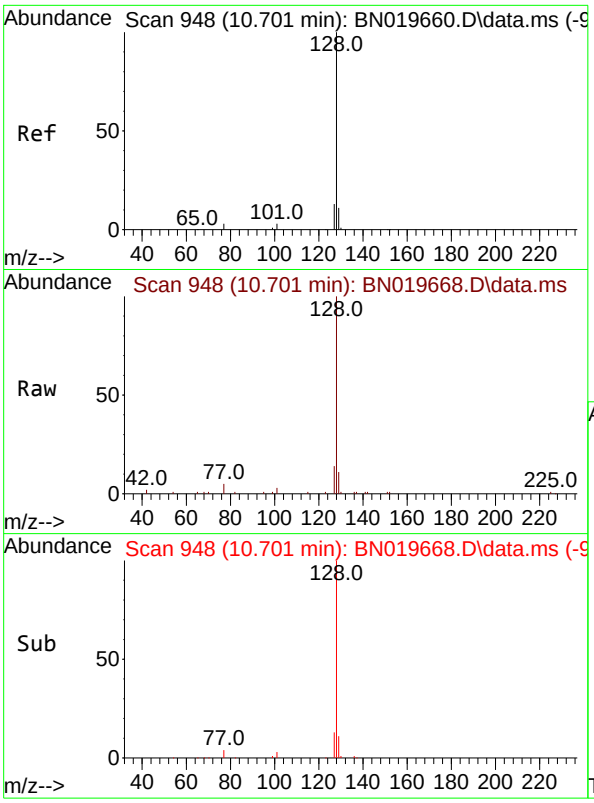


#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion: 82 Resp: 4161

Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.4	48.6
54	65.6	44.4	66.6



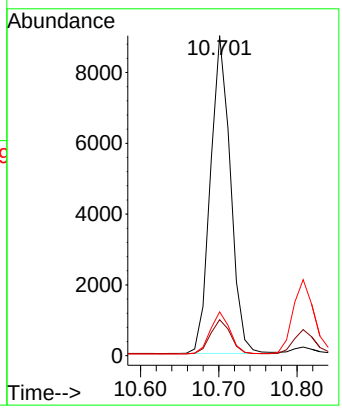


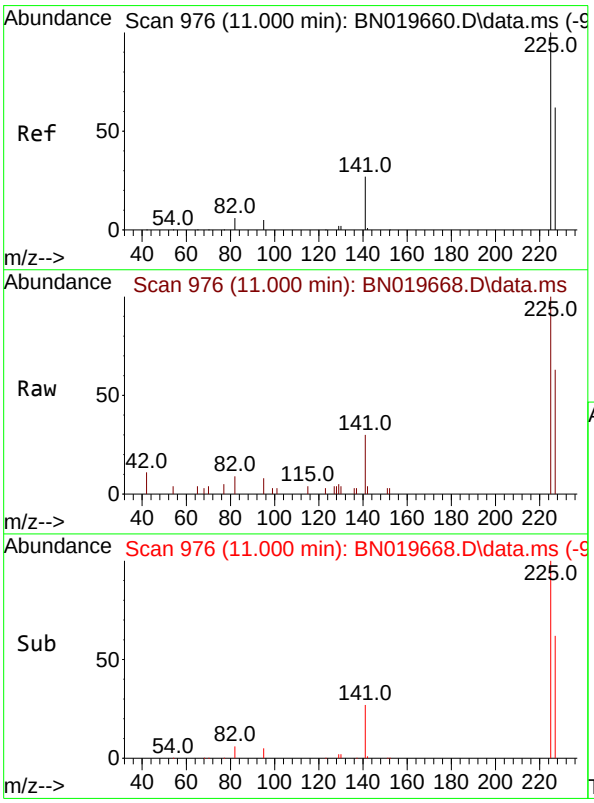
#9
Naphthalene
Concen: 0.384 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:128 Resp: 15967

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.7	10.8	16.2

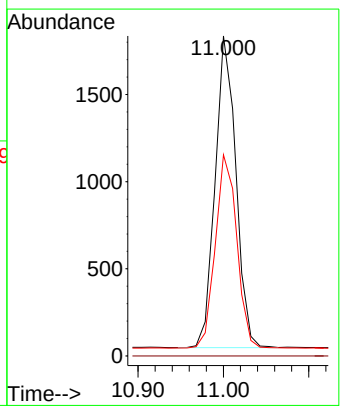


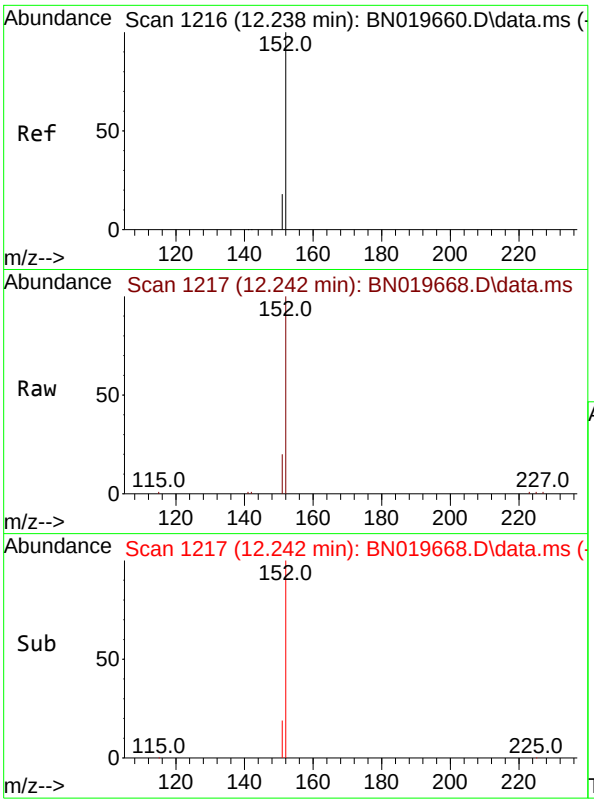


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:225 Resp: 3015

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.8	76.2



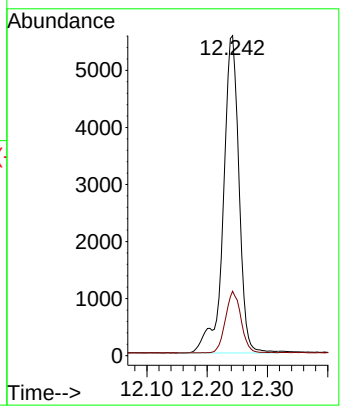


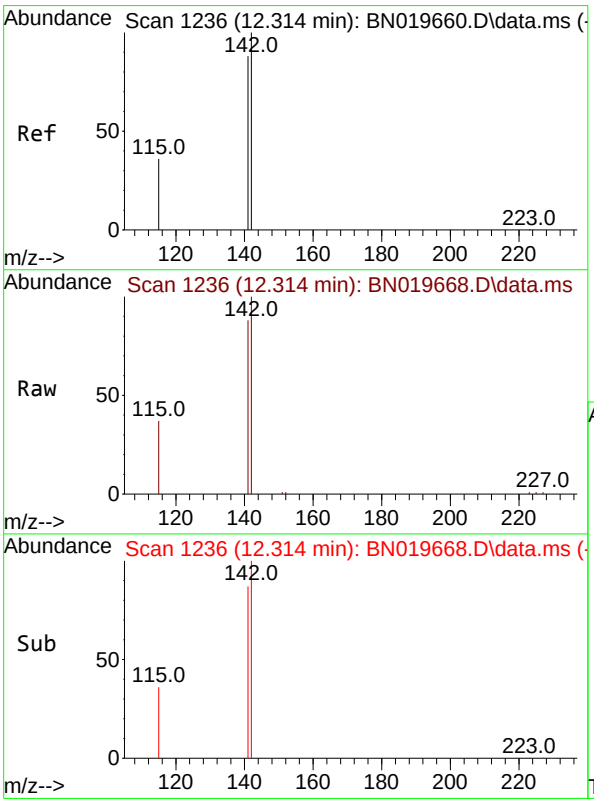
#11
2-Methylnaphthalene-d10
Concen: 0.425 ng
RT: 12.242 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:152 Resp: 10052

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

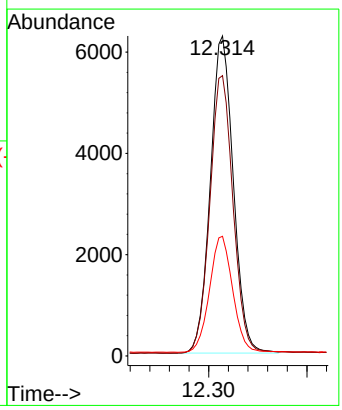


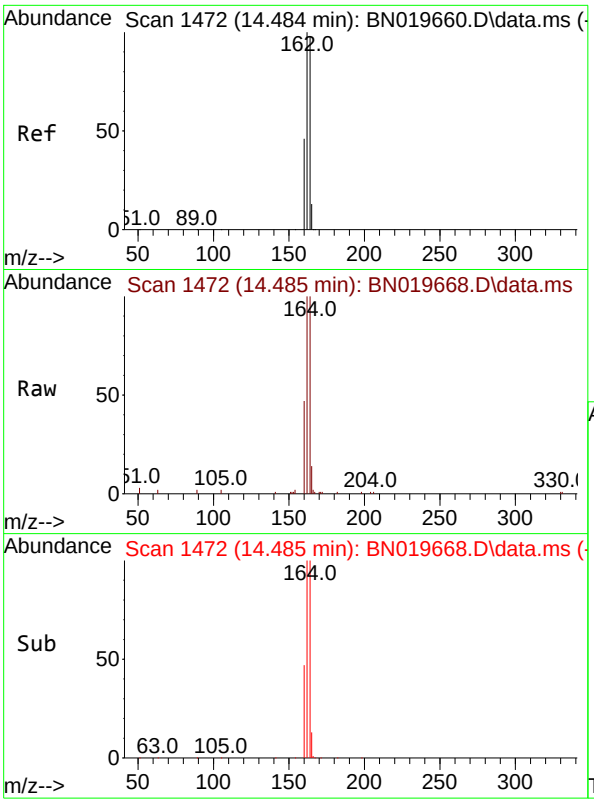


#12
2-Methylnaphthalene
Concen: 0.374 ng
RT: 12.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:142 Resp: 10189

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	37.4	29.6	44.4



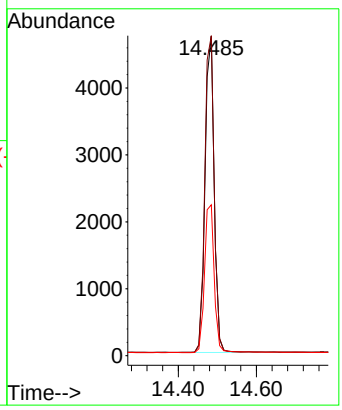


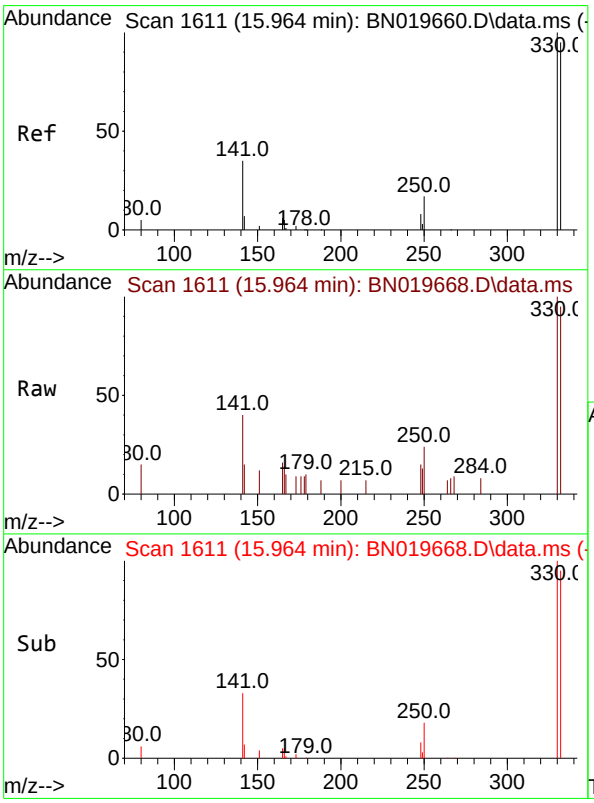
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:164 Resp: 7710

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.6
160	47.2	38.3	57.5

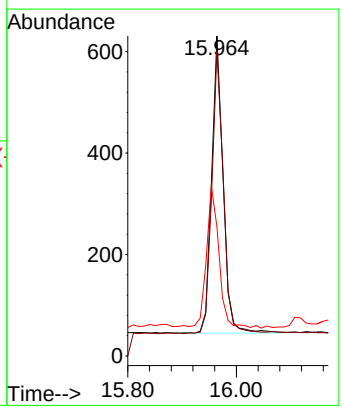


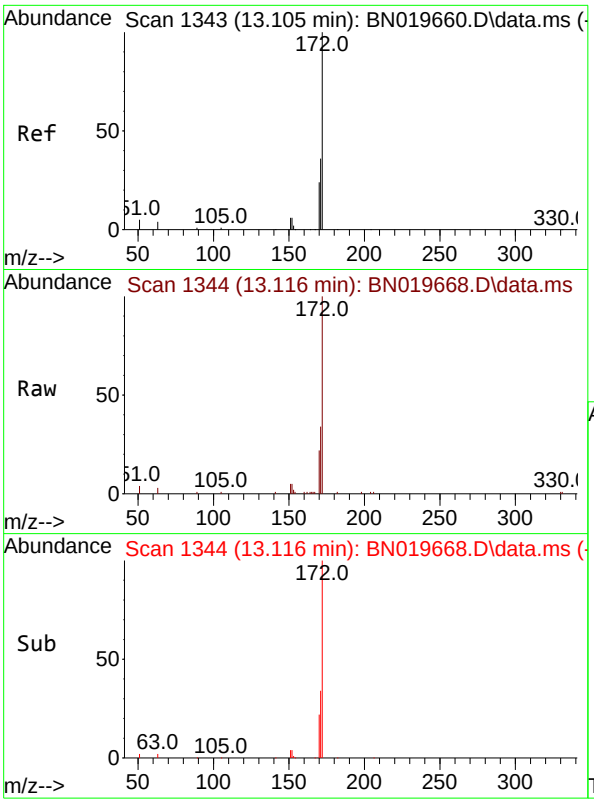


#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:330 Resp: 859

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	51.1	39.7	59.5



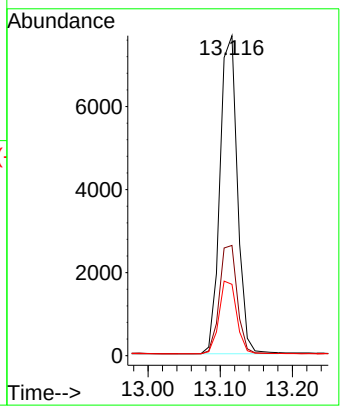


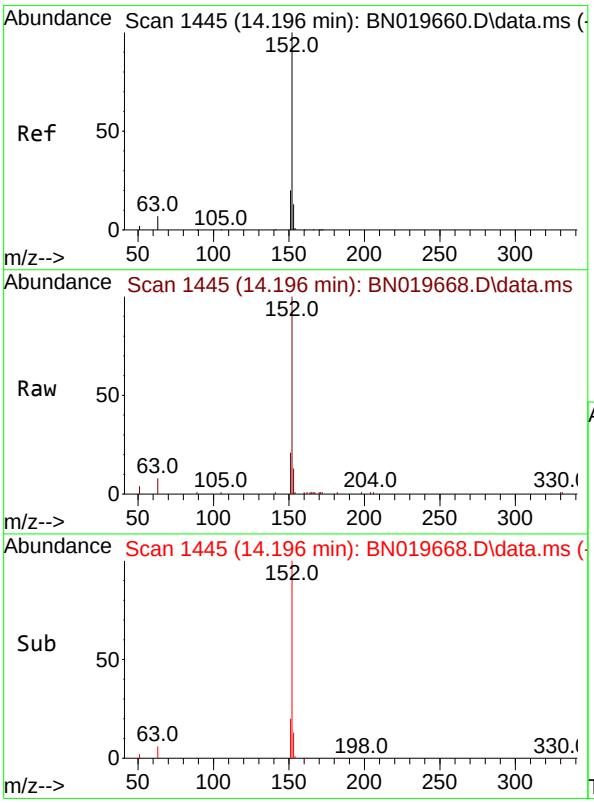
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:172 Resp: 12891

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.0	42.0
170	22.3	19.0	28.4

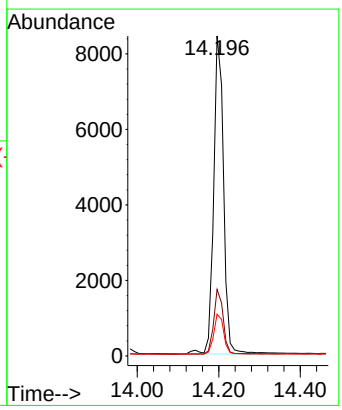


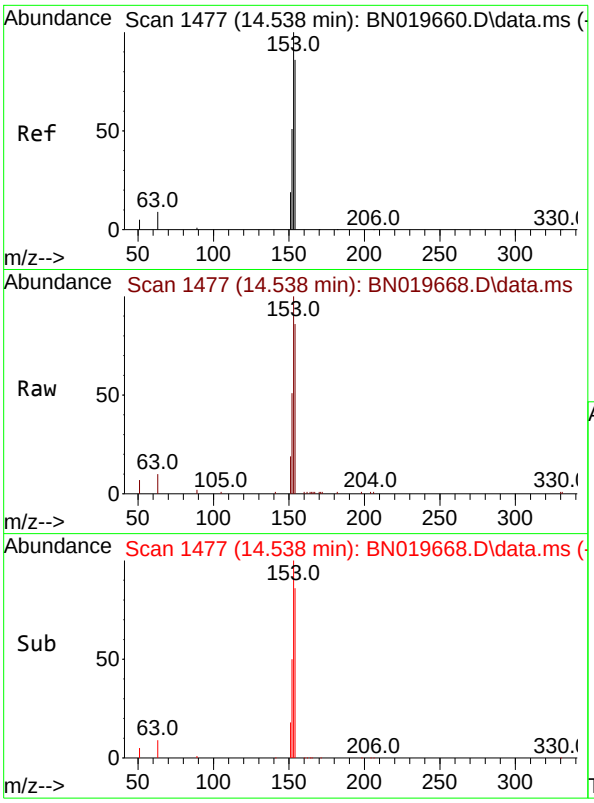


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:152 Resp: 14194

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	12.4	10.5	15.7



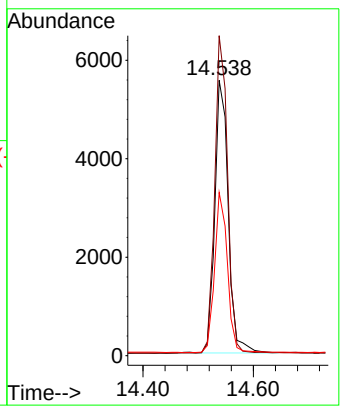


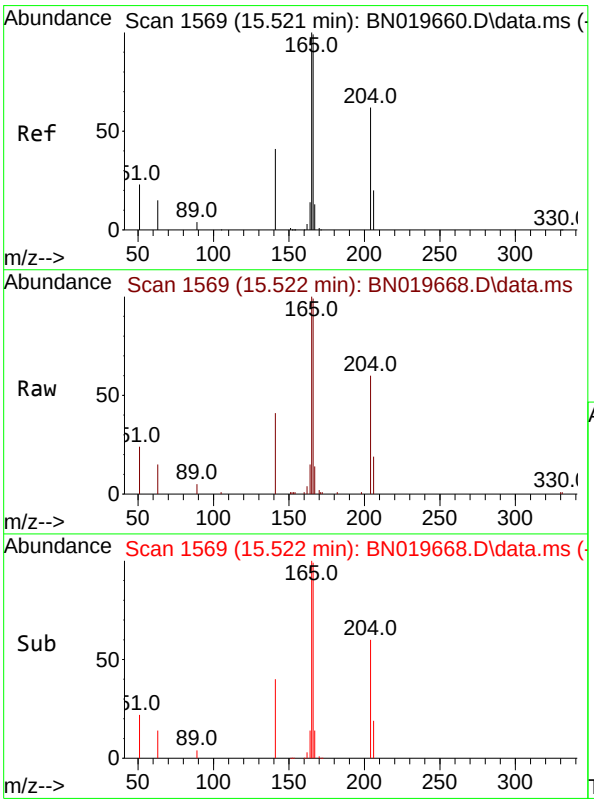
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:154 Resp: 9367

Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.3	133.9
152	56.1	44.1	66.1

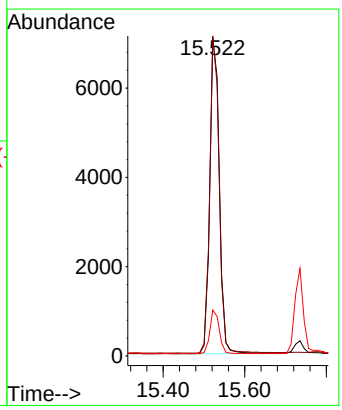


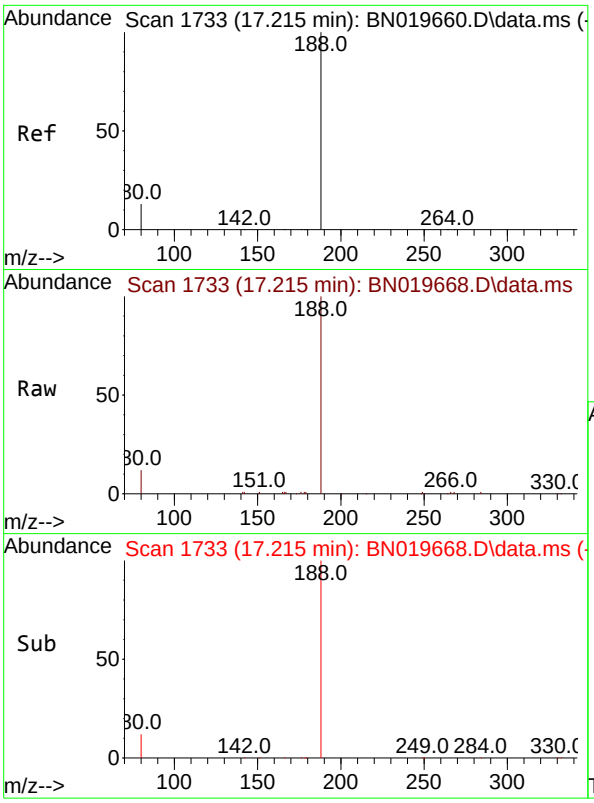


#18
Fluorene
Concen: 0.367 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:166 Resp: 11549

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.1	118.7
167	13.6	10.7	16.1



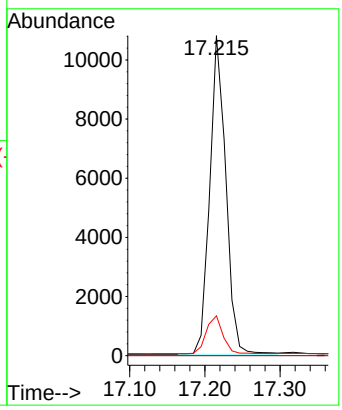


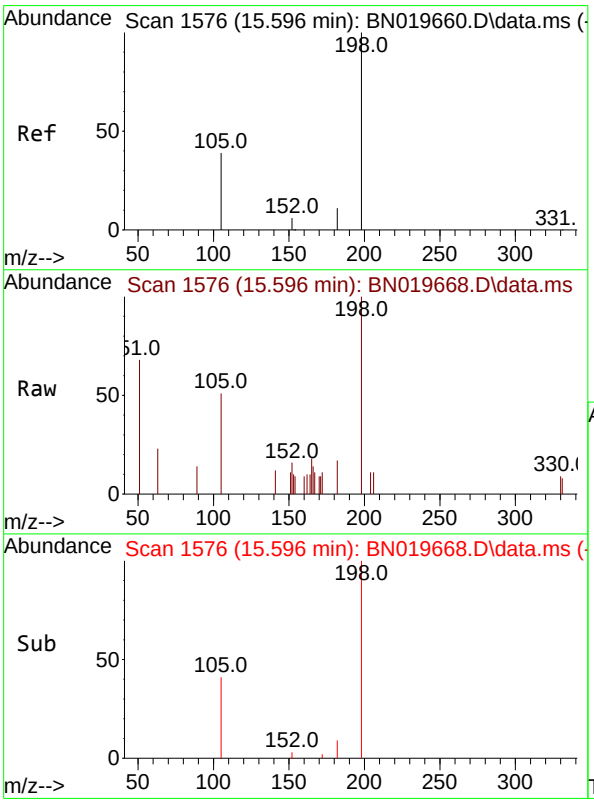
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:188 Resp: 15995

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	8.6	12.8

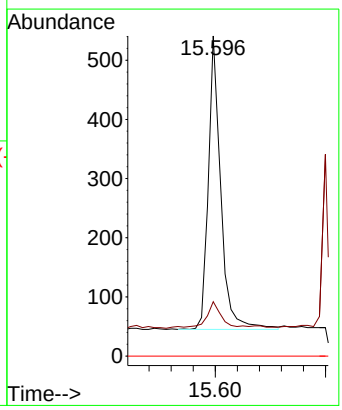


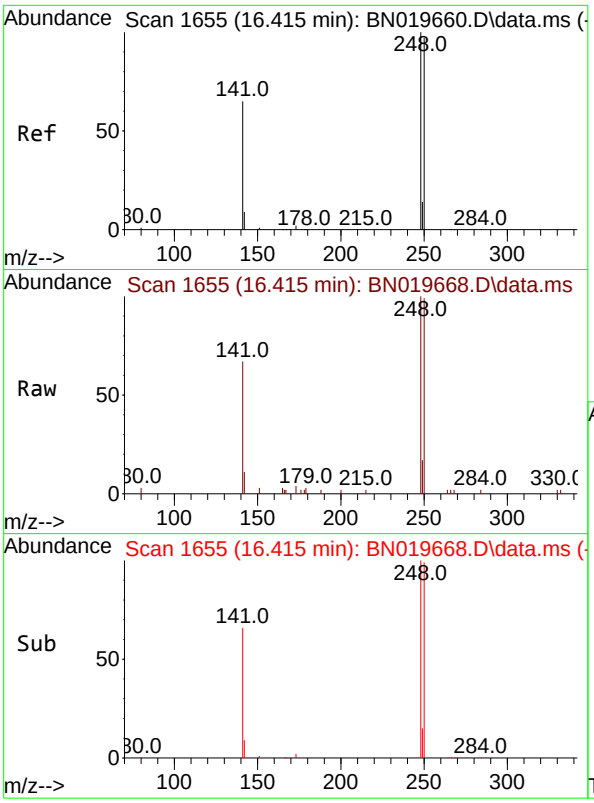


#20
4,6-Dinitro-2-methylphenol
Concen: 0.321 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:198 Resp: 781

Ion	Ratio	Lower	Upper
198	100		
182	17.0	16.9	25.3
77	0.0	0.0	0.0



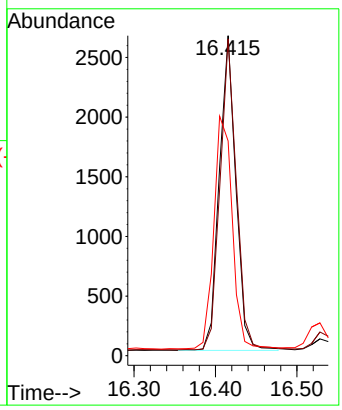


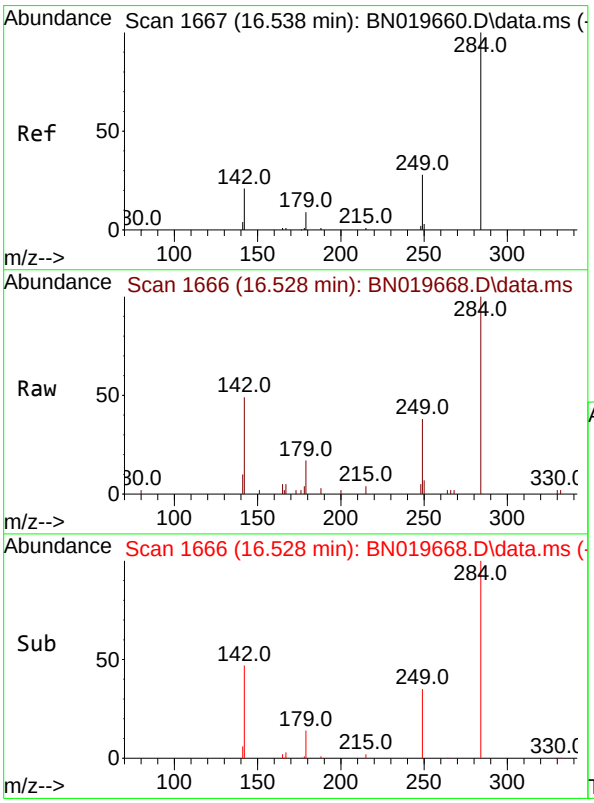
#21
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.415 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:248 Resp: 3713

Ion	Ratio	Lower	Upper
248	100		
250	99.0	75.5	113.3
141	67.1	79.9	119.9#

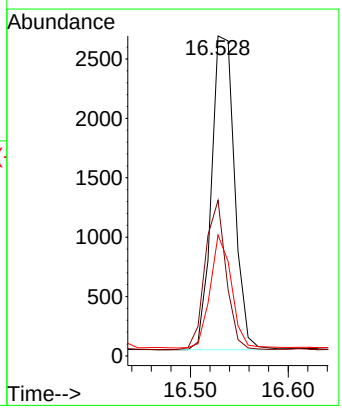


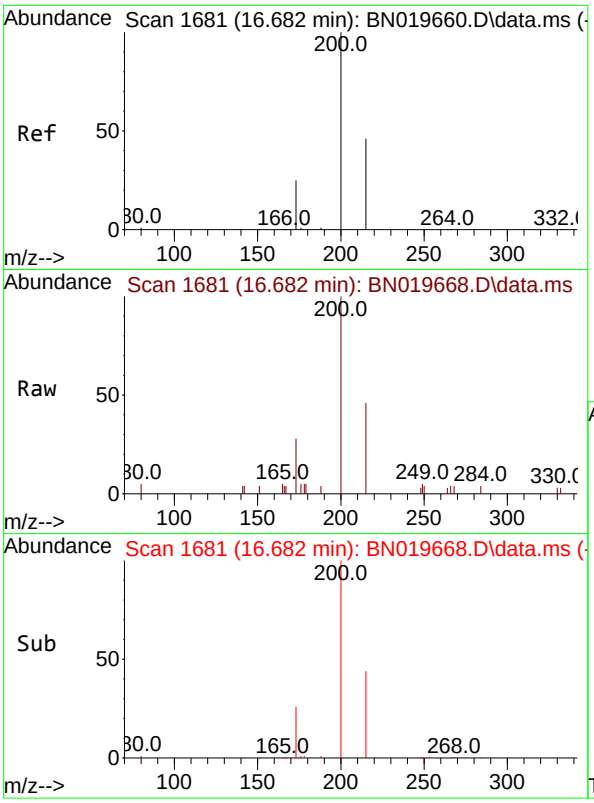


#22
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.010 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:284 Resp: 4333

Ion	Ratio	Lower	Upper
284	100		
142	43.4	33.2	49.8
249	33.1	26.4	39.6



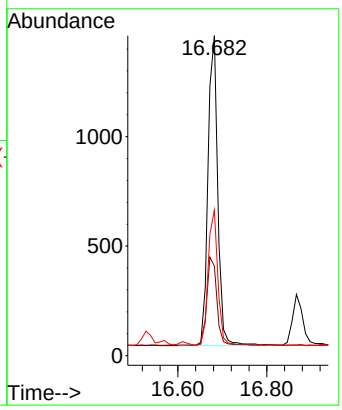


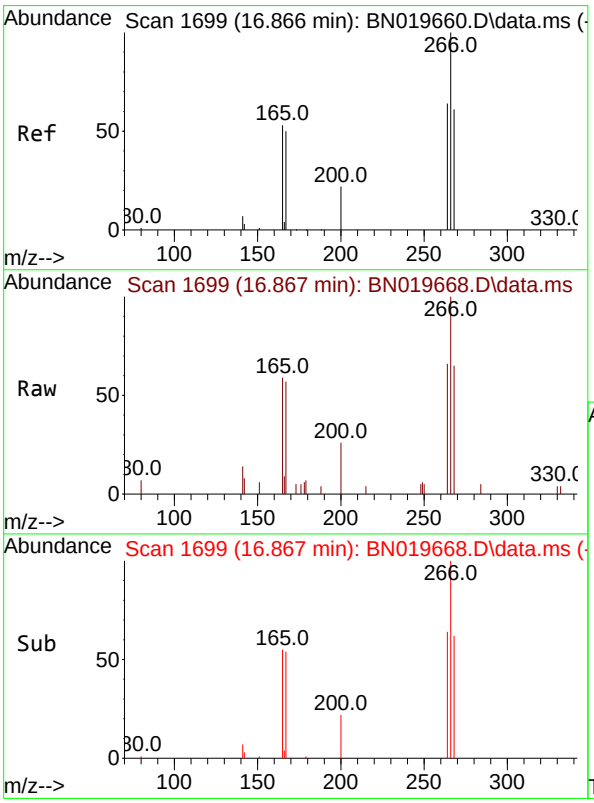
#23
Atrazine
Concen: 0.326 ng
RT: 16.682 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:200 Resp: 2156

Ion	Ratio	Lower	Upper
200	100		
173	28.0	28.5	42.7#
215	45.5	37.0	55.4

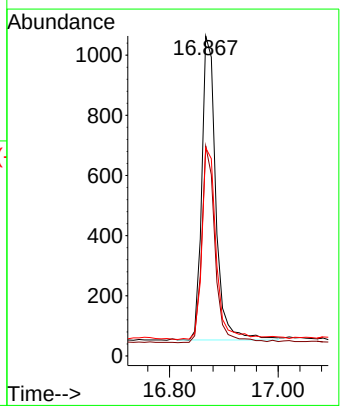


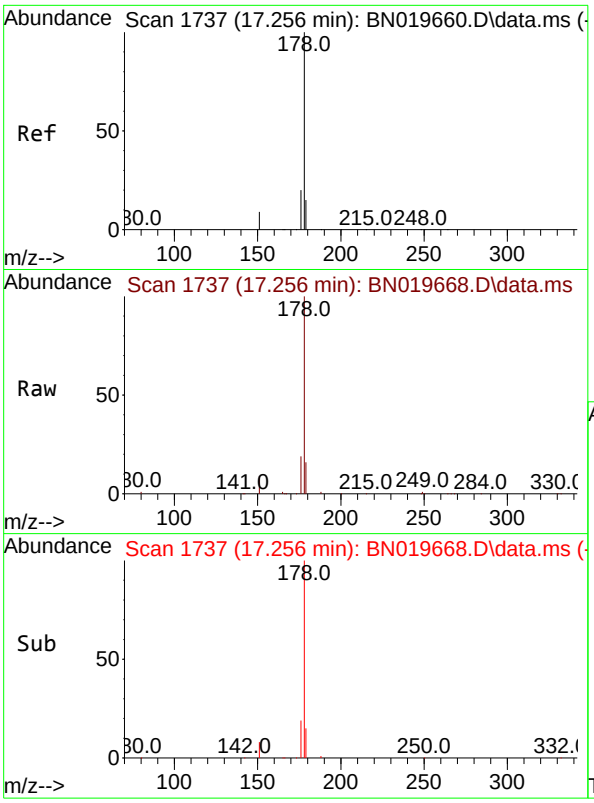


#24
Pentachlorophenol
Concen: 0.424 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:266 Resp: 1817

Ion	Ratio	Lower	Upper
266	100		
264	61.9	48.0	72.0
268	65.1	54.2	81.2



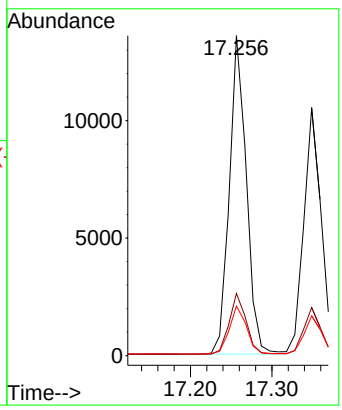


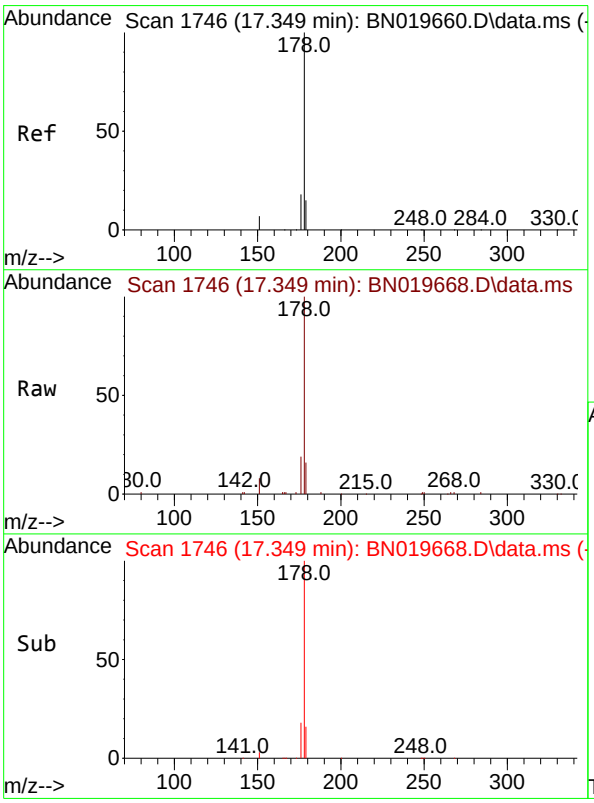
#25
Phenanthrene
Concen: 0.371 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:178 Resp: 19680

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.1	18.1

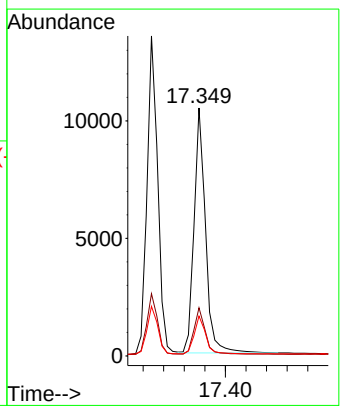


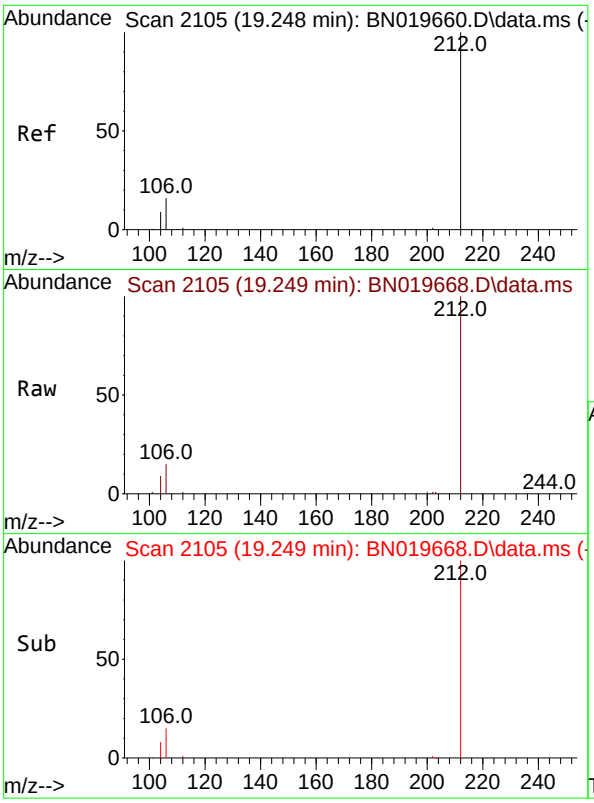


#26
Anthracene
Concen: 0.359 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:178 Resp: 16142

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.6	12.2	18.4



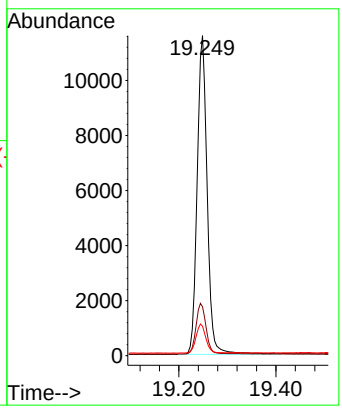


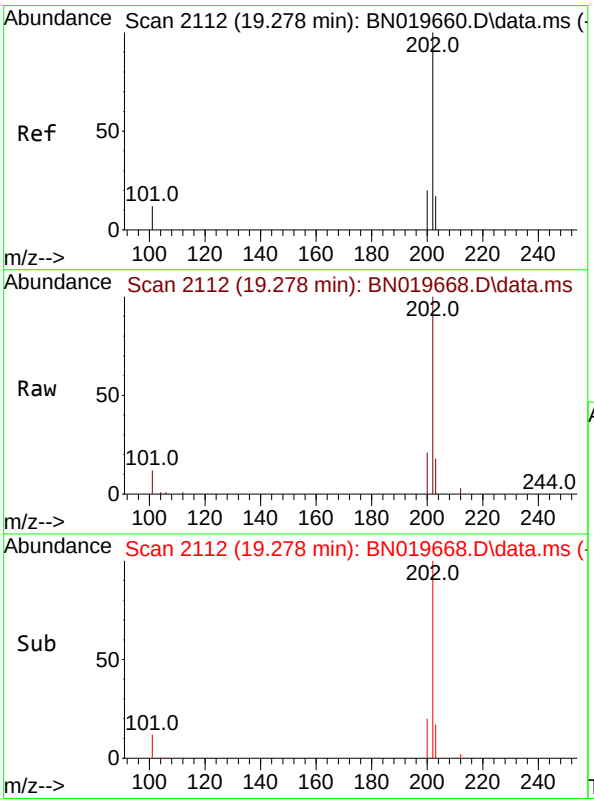
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.249 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:212 Resp: 16624

Ion	Ratio	Lower	Upper
212	100		
106	16.0	13.5	20.3
104	9.0	7.6	11.4

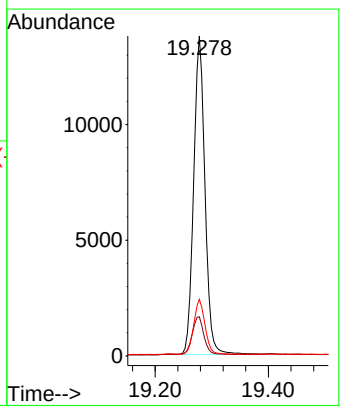


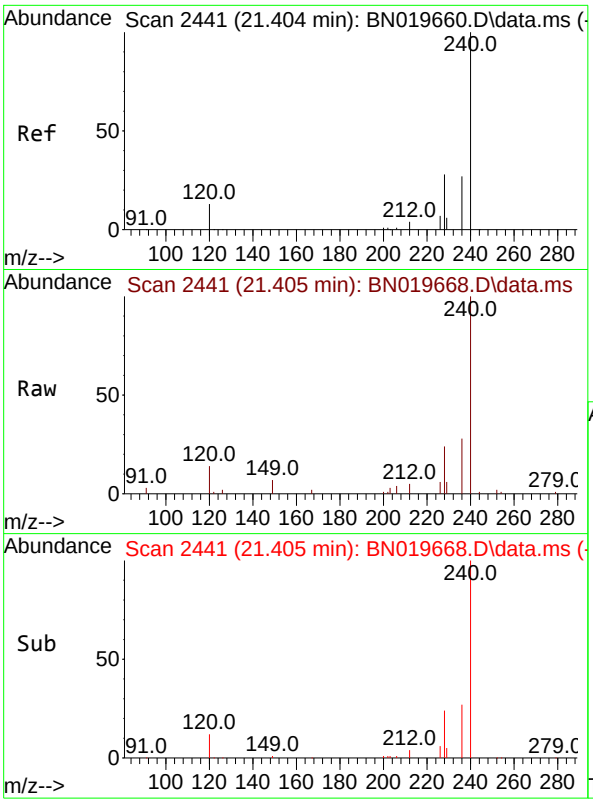


#28
Fluoranthene
Concen: 0.347 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:202 Resp: 19215

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
203	16.9	13.6	20.4



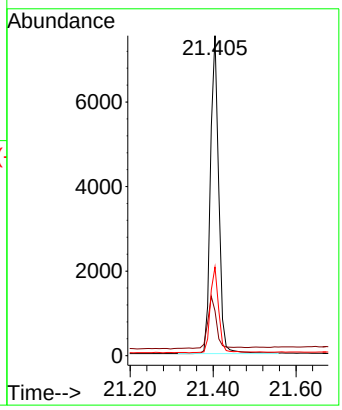


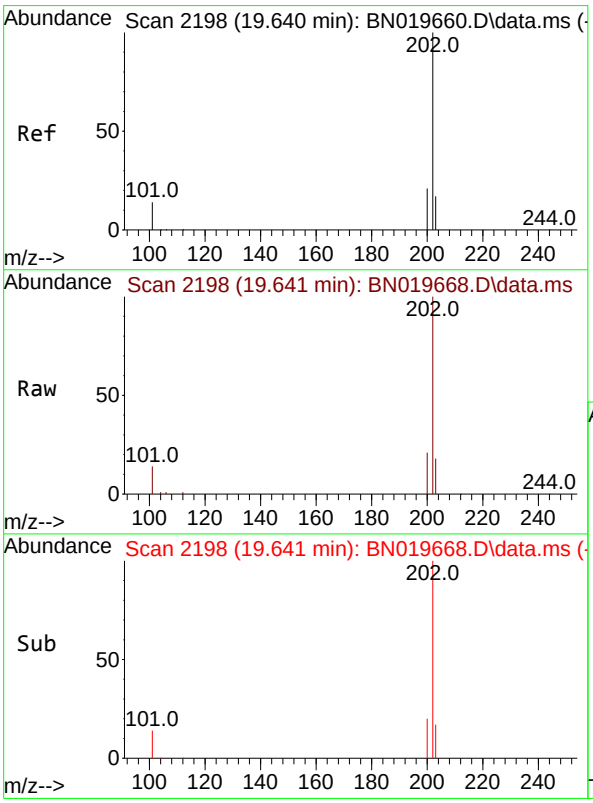
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:240 Resp: 10429

Ion	Ratio	Lower	Upper
240	100		
120	14.0	17.4	26.2#
236	27.7	23.0	34.4

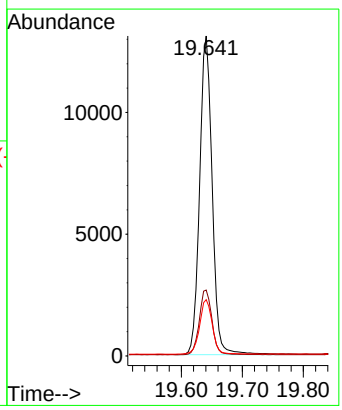


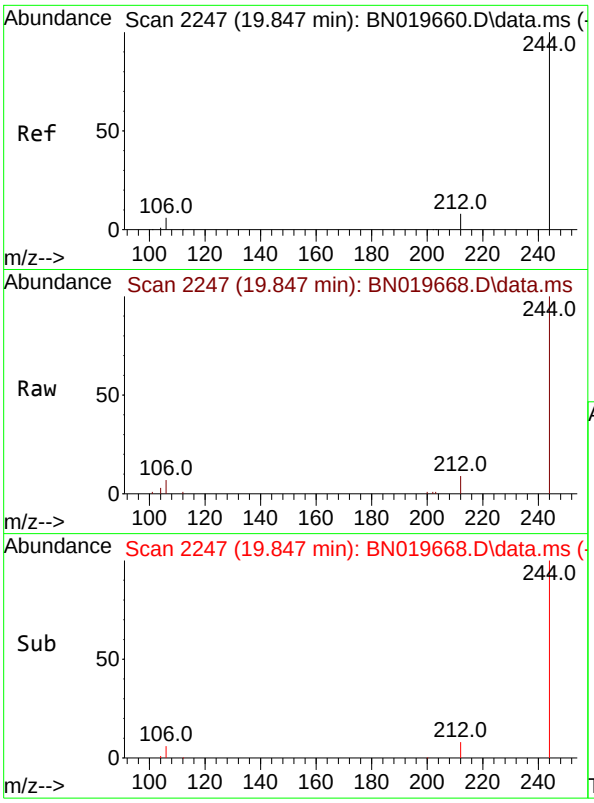


#30
Pyrene
Concen: 0.434 ng
RT: 19.641 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:202 Resp: 18728

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.4	14.2	21.4



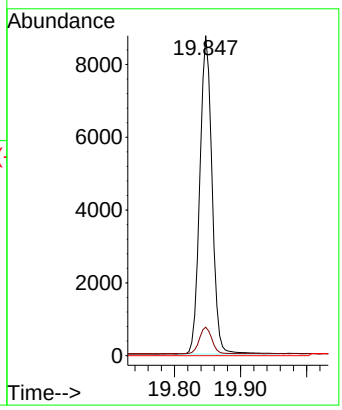


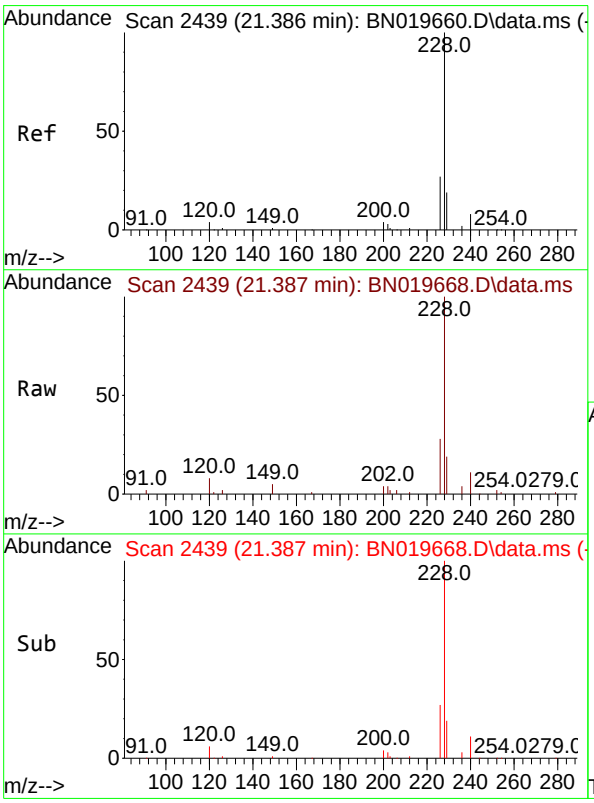
#31
Terphenyl-d14
Concen: 0.462 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:244 Resp: 11288

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.6	11.4
122	0.0	0.0	0.0

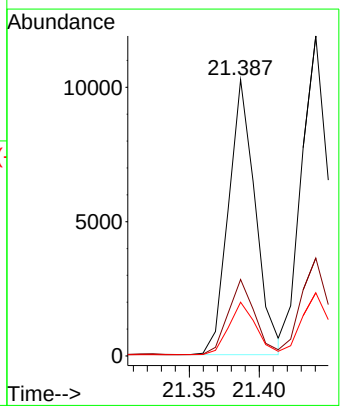


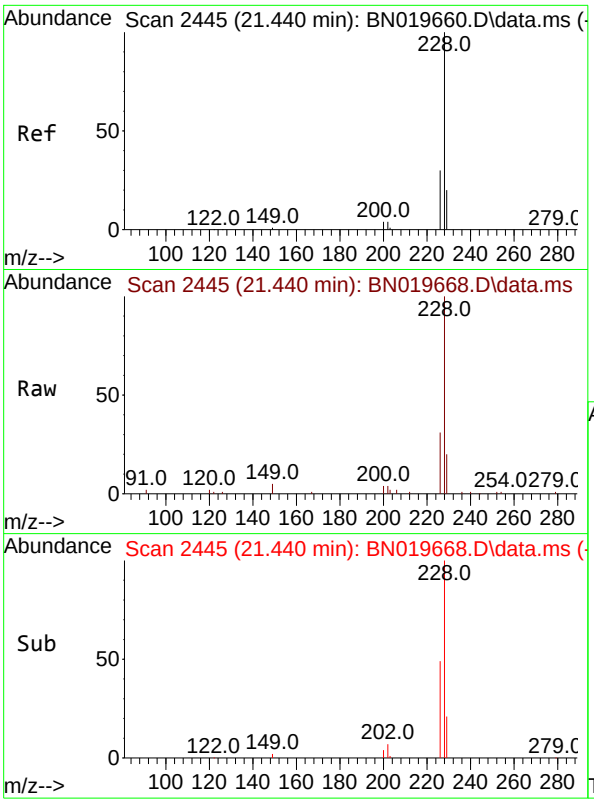


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:228 Resp: 13606

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.6	32.4
229	19.5	16.5	24.7



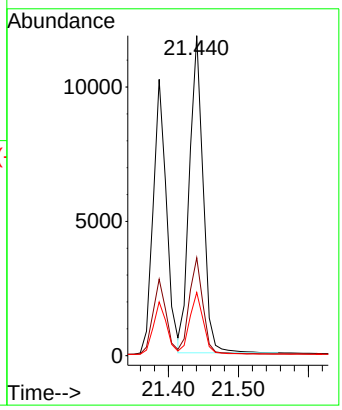


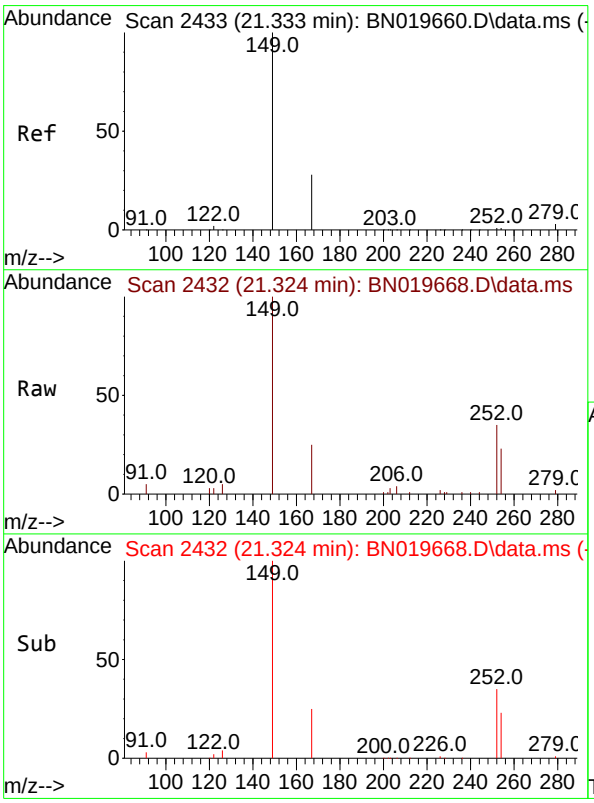
#33
Chrysene
Concen: 0.395 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:228 Resp: 15972

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	36.8
229	19.7	15.9	23.9

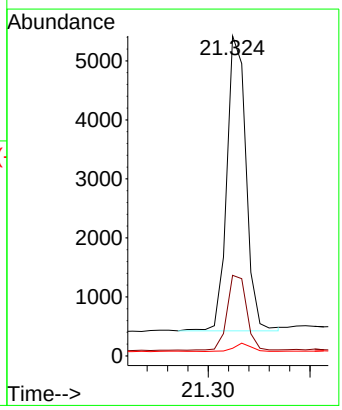


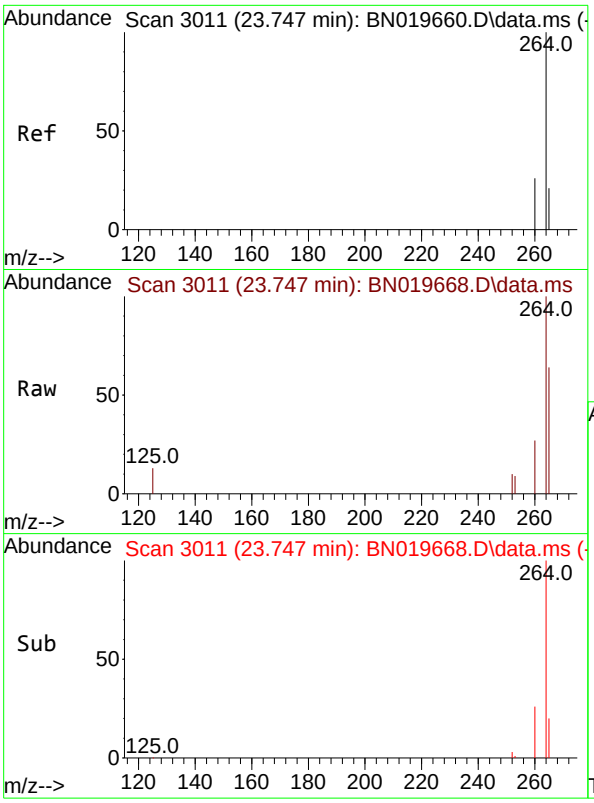


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:149 Resp: 6526

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.7	32.5
279	2.4	2.8	4.2#



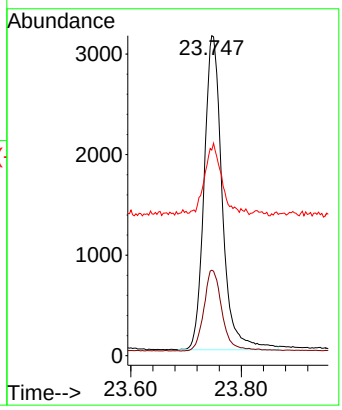


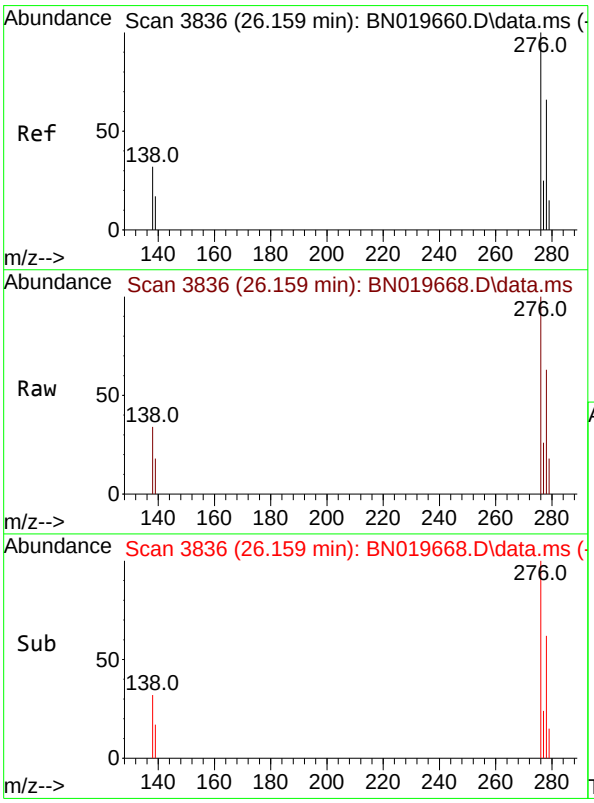
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:264 Resp: 7090

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	64.3	67.9	101.9#

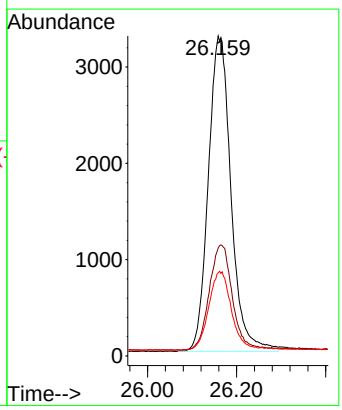


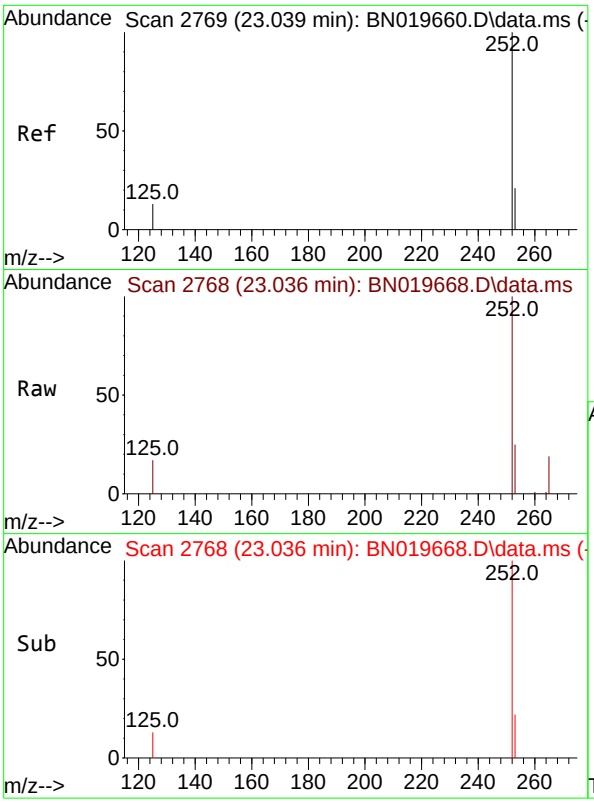


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 26.159 min Scan# 3836
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:276 Resp: 11561

Ion	Ratio	Lower	Upper
276	100		
138	33.7	26.6	40.0
277	25.0	20.0	30.0



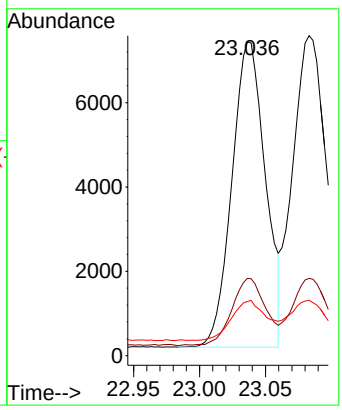


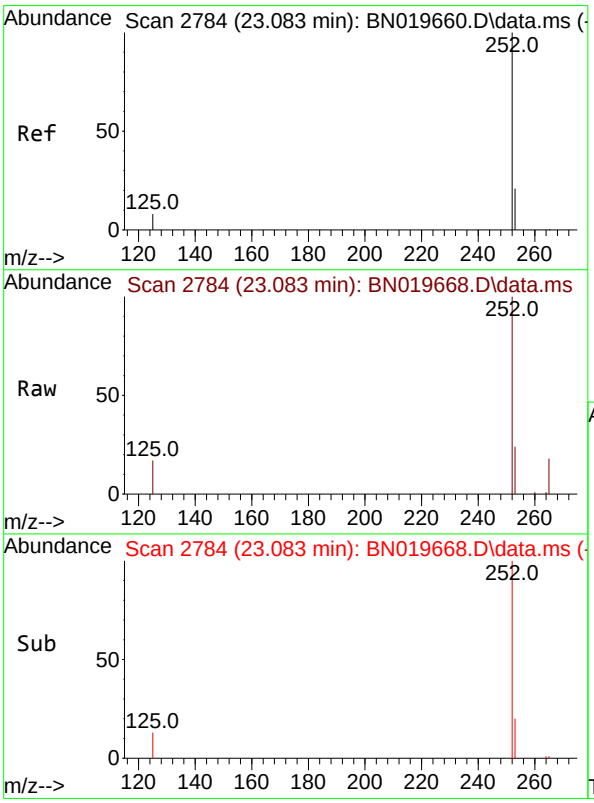
#37
Benzo(b)fluoranthene
Concen: 0.437 ng
RT: 23.036 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:252 Resp: 12796

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.2	31.8
125	17.3	15.9	23.9

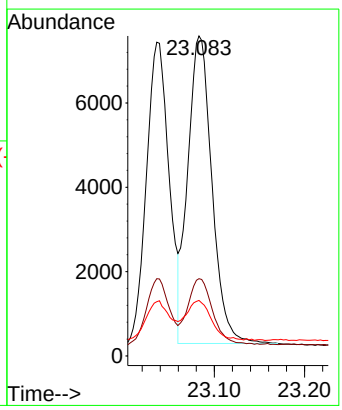


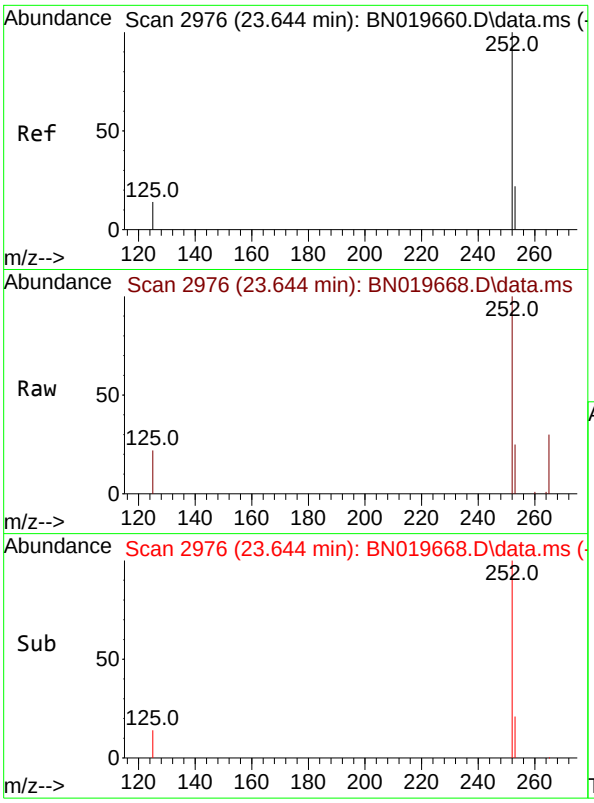


#38
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:252 Resp: 13548

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.7	32.5
125	17.3	17.0	25.4



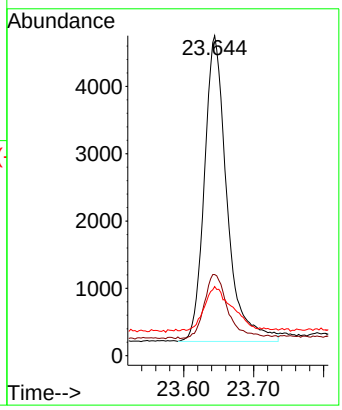


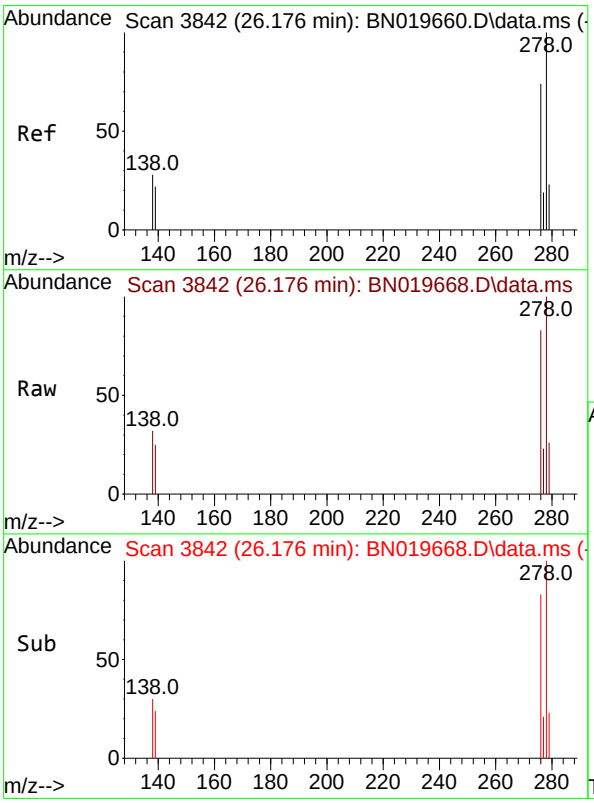
#39
Benzo(a)pyrene
Concen: 0.458 ng
RT: 23.644 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:252 Resp: 10173

Ion	Ratio	Lower	Upper
252	100		
253	25.3	23.1	34.7
125	21.6	20.4	30.6

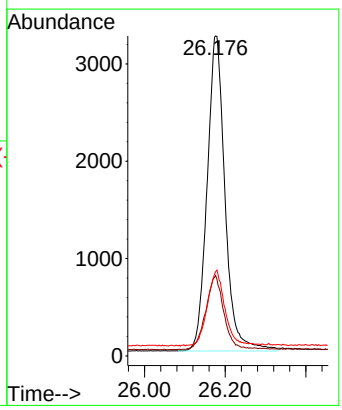


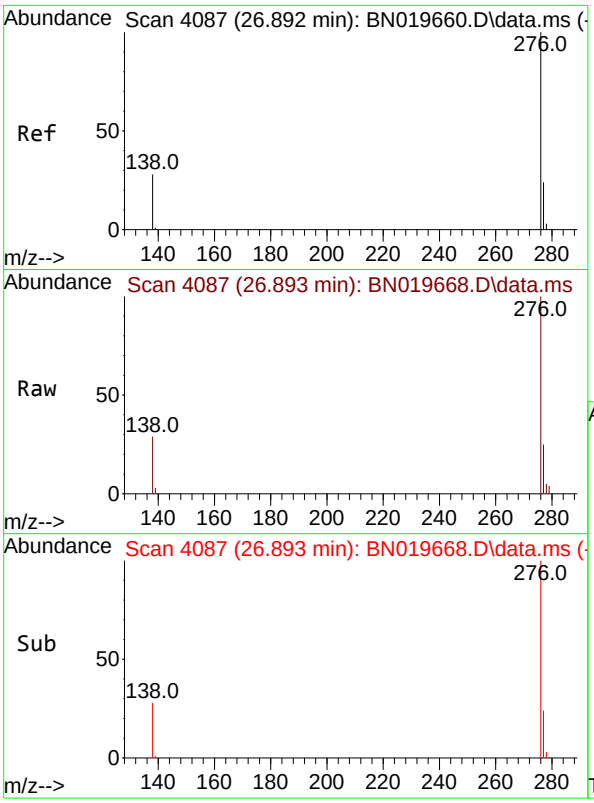


#40
Dibenzo(a,h)anthracene
Concen: 0.381 ng
RT: 26.176 min Scan# 3842
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Tgt Ion:278 Resp: 10008

Ion	Ratio	Lower	Upper
278	100		
139	25.2	19.4	29.2
279	26.3	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.385 ng
RT: 26.893 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN019668.D
Acq: 04 May 2022 17:00

Instrument :
BNA_N
ClientSampleId :
IDOC-2

Tgt Ion:276 Resp: 10012

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.2	30.2
138	29.4	23.5	35.3