Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051722\
Data File : BN019815.D
Acq On : 17 May 2022 11:02
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 18 03:53:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 03:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	4185	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13282	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	8158	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	17762	0.400	ng	# 0.00
29) Chrysene-d12	21.404	240	17010	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	15848	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4620	0.441	ng	0.00
5) Phenol-d6	7.009	99	5935	0.452	ng	0.00
8) Nitrobenzene-d5	8.993	82	3916	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.227	152	9072	0.392	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1257	0.390	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	13721	0.385	ng	0.00
27) Fluoranthene-d10	19.240	212	20801	0.412	ng	0.00
31) Terphenyl-d14	19.843	244	15144	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1880	0.378	ng	99
3) n-Nitrosodimethylamine	3.666	42	2017	0.371	ng	# 92
6) bis(2-Chloroethyl)ether	7.269	93	5223	0.409	ng	99
9) Naphthalene	10.690	128	15601	0.387	ng	99
10) Hexachlorobutadiene	10.989	225	2862	0.390	ng	# 100
12) 2-Methylnaphthalene	12.299	142	10713	0.390	ng	99
16) Acenaphthylene	14.185	152	14617	0.382	ng	99
17) Acenaphthene	14.527	154	10471	0.370	ng	97
18) Fluorene	15.511	166	13585	0.380	ng	99
20) 4,6-Dinitro-2-methylph...	15.596	198	190	0.075	ng	# 45
21) 4-Bromophenyl-phenylether	16.405	248	4200	0.387	ng	# 88
22) Hexachlorobenzene	16.528	284	4718	0.392	ng	99
23) Atrazine	16.672	200	2702	0.382	ng	96
24) Pentachlorophenol	16.867	266	902	0.194	ng	97
25) Phenanthrene	17.246	178	23785	0.387	ng	100
26) Anthracene	17.338	178	19351	0.372	ng	100
28) Fluoranthene	19.270	202	26766	0.406	ng	99
30) Pyrene	19.632	202	27533	0.382	ng	100
32) Benzo(a)anthracene	21.387	228	24258	0.391	ng	99
33) Chrysene	21.440	228	27371	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	10110	0.392	ng	99
36) Indeno(1,2,3-cd)pyrene	26.144	276	28338	0.382	ng	99
37) Benzo(b)fluoranthene	23.030	252	25469	0.368	ng	99
38) Benzo(k)fluoranthene	23.077	252	27381	0.373	ng	99
39) Benzo(a)pyrene	23.638	252	20515	0.377	ng	99
40) Dibenzo(a,h)anthracene	26.162	278	22967	0.384	ng	99
41) Benzo(g,h,i)perylene	26.878	276	22795	0.371	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051722\
Data File : BN019815.D
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Misc :
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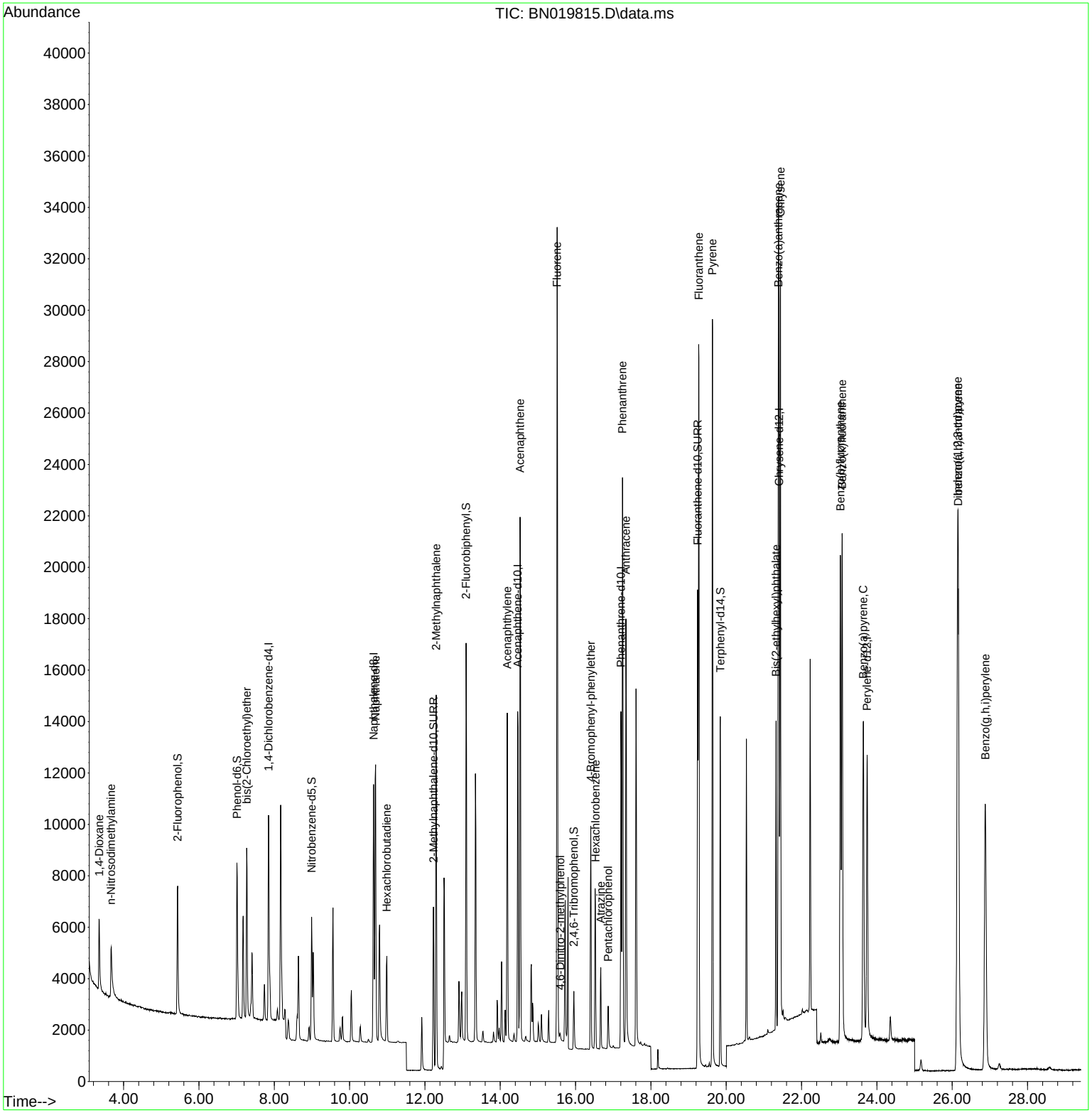
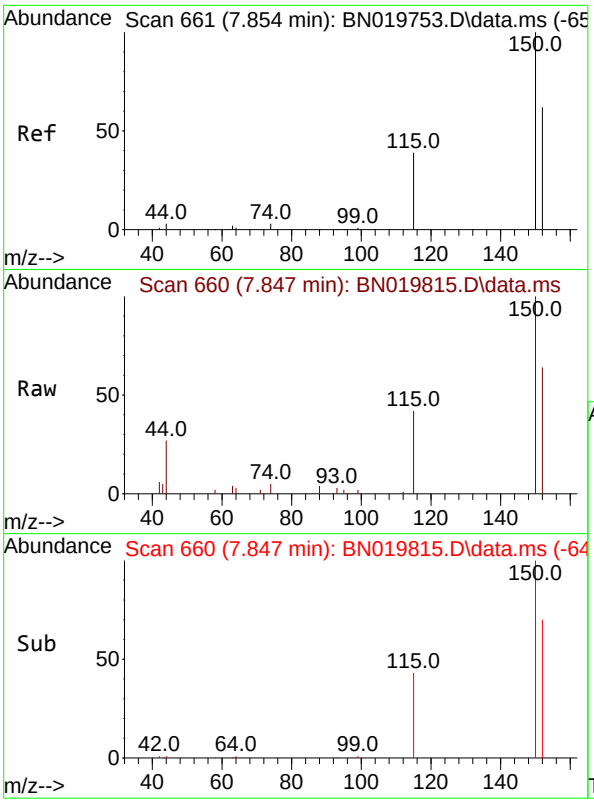
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 18 03:53:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 03:50:55 2022
Response via : Initial Calibration



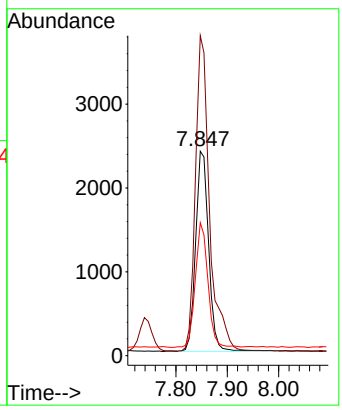


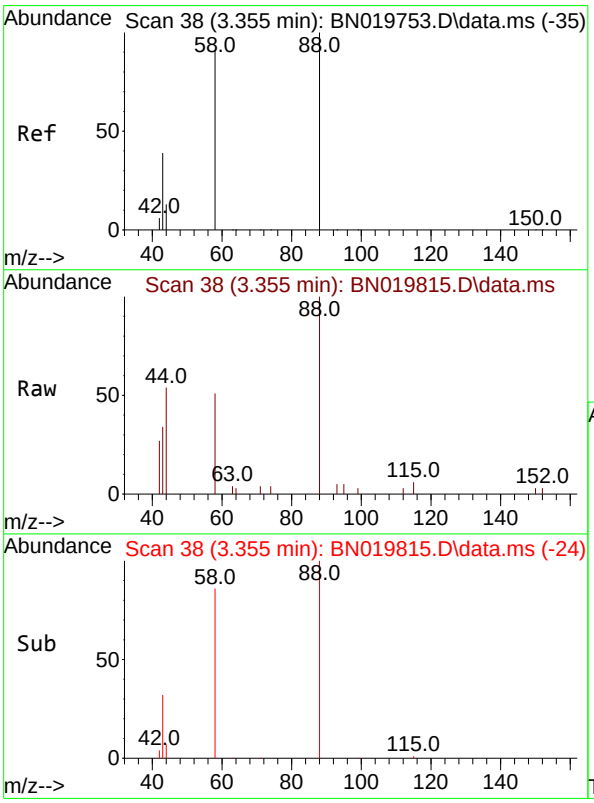
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4185

Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.9	191.9
115	65.1	51.4	77.2

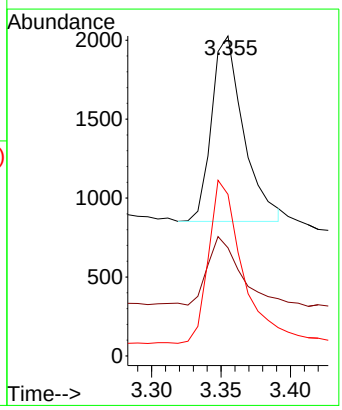


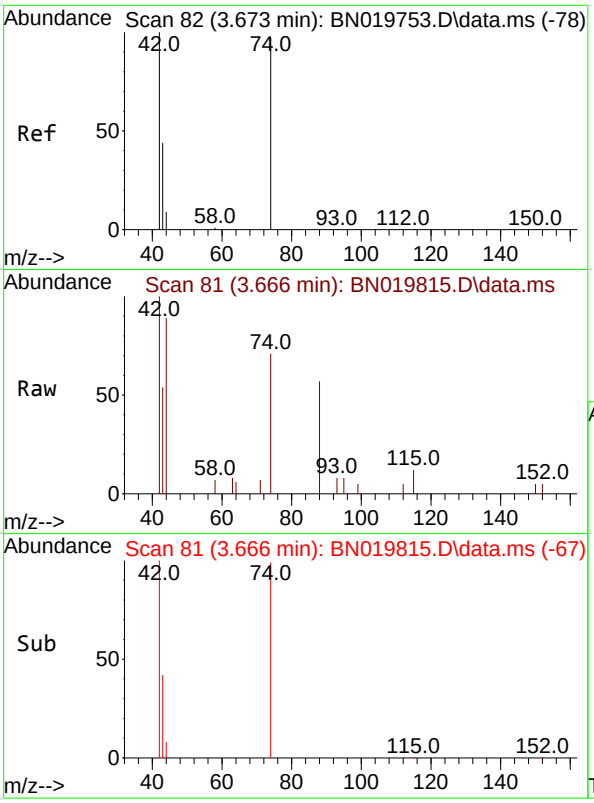


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.355 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion: 88 Resp: 1880

Ion	Ratio	Lower	Upper
88	100		
43	37.3	30.2	45.2
58	91.9	73.0	109.6



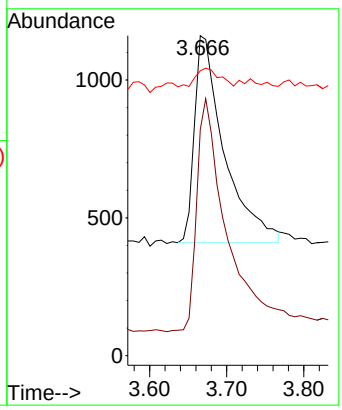


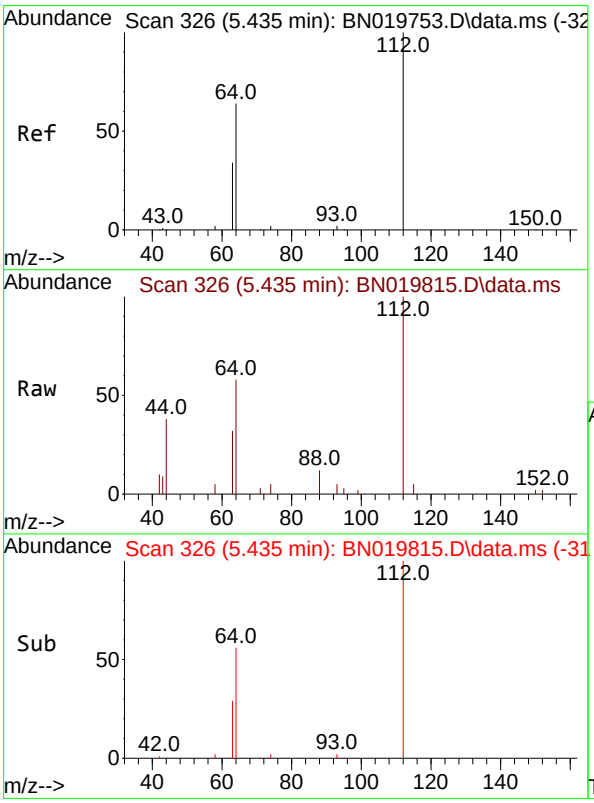
#3
n-Nitrosodimethylamine
Concen: 0.371 ng
RT: 3.666 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2017

Ion	Ratio	Lower	Upper
42	100		
74	113.5	84.0	126.0
44	9.2	9.8	14.8#

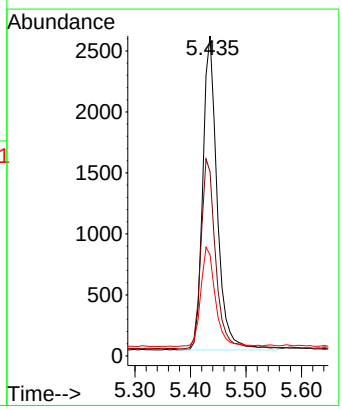


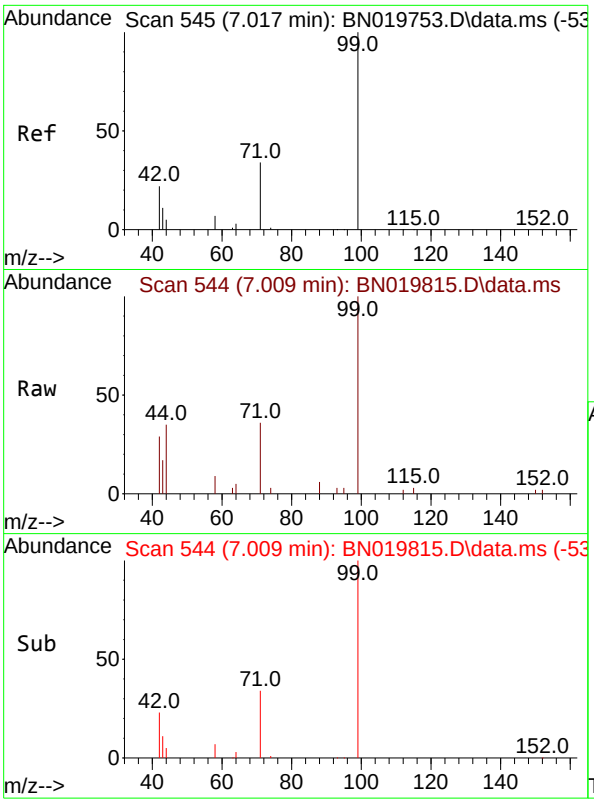


#4
2-Fluorophenol
Concen: 0.441 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:112 Resp: 4620

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.1	73.7
63	32.3	26.3	39.5



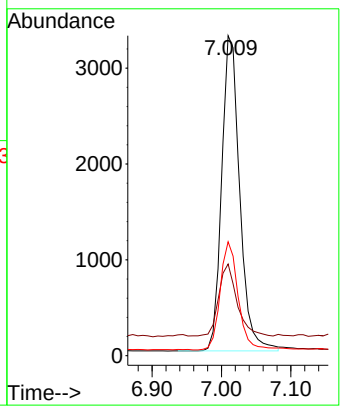


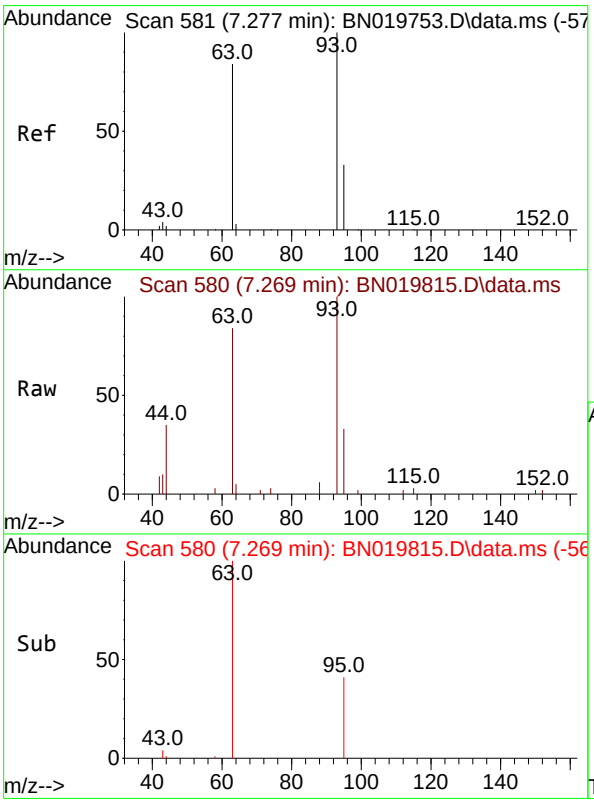
#5
Phenol-d6
Concen: 0.452 ng
RT: 7.009 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5935

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.3	28.9
71	34.1	27.5	41.3

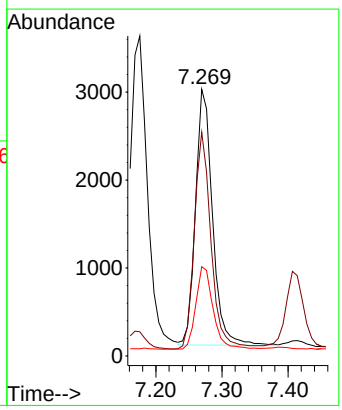


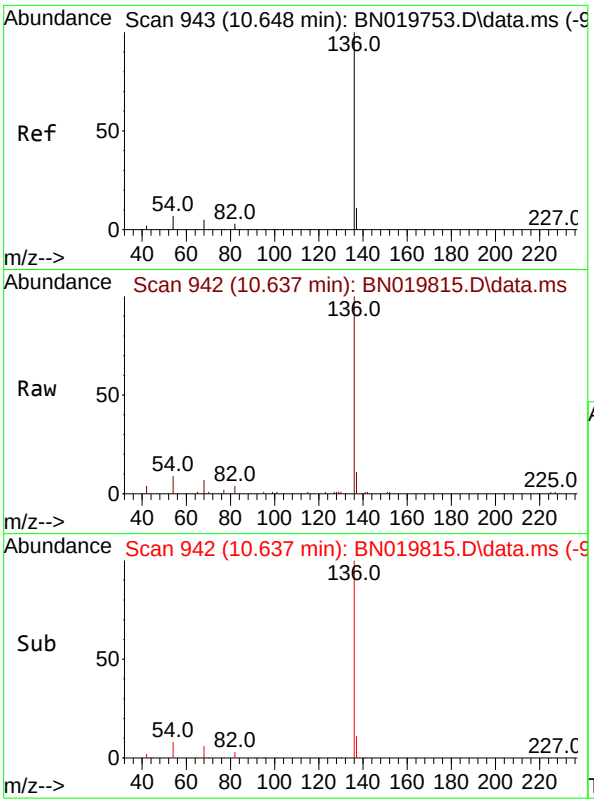


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.269 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion: 93 Resp: 5223

Ion	Ratio	Lower	Upper
93	100		
63	83.2	67.4	101.0
95	32.9	26.5	39.7



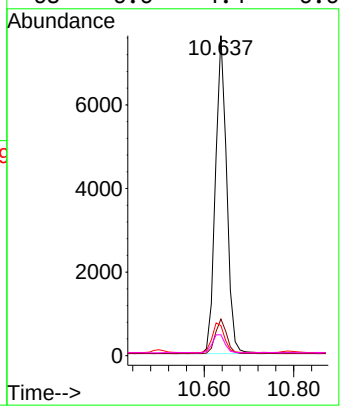


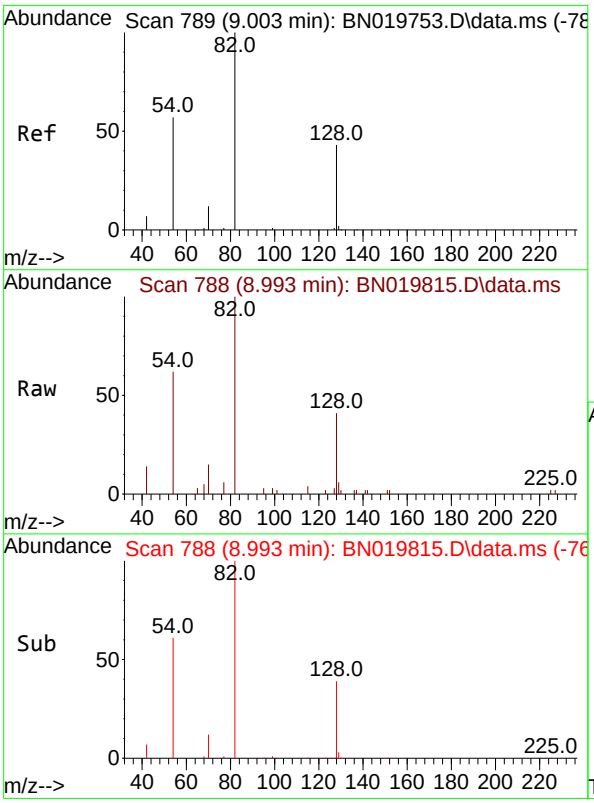
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13282

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.4	6.2	9.2#
68	6.6	4.4	6.6

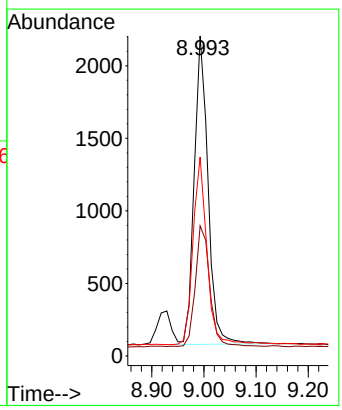


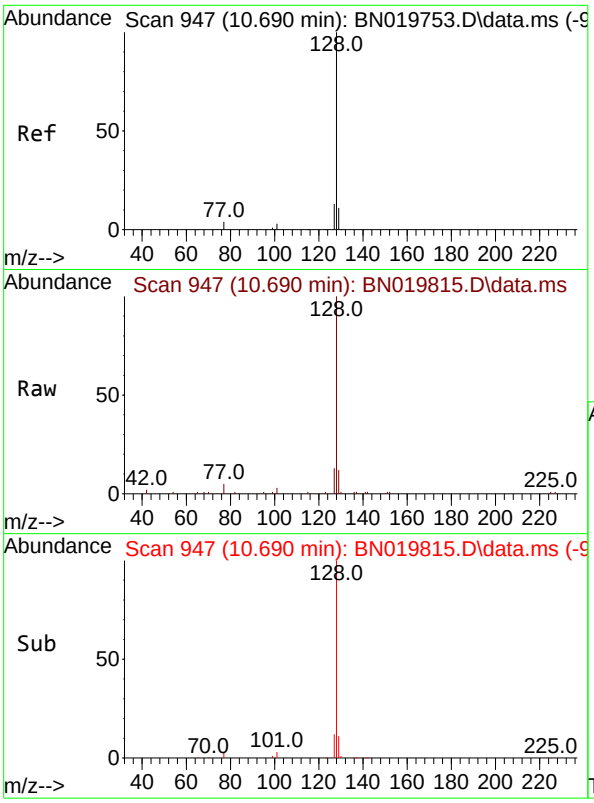


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion: 82 Resp: 3916

Ion	Ratio	Lower	Upper
82	100		
128	40.7	35.0	52.6
54	62.1	46.2	69.4



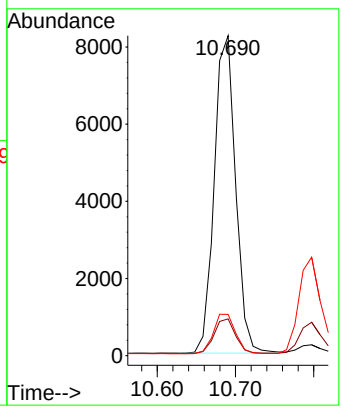


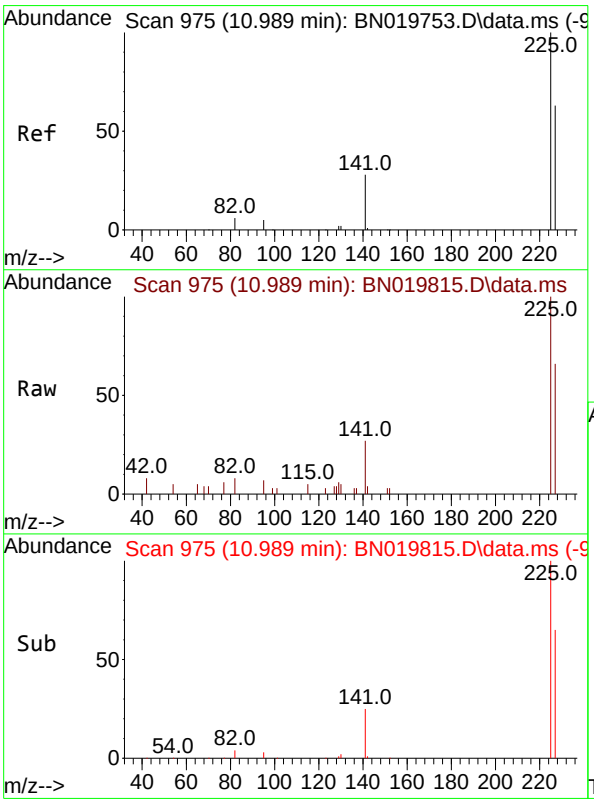
#9
Naphthalene
Concen: 0.387 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15601

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	12.9	10.8	16.2

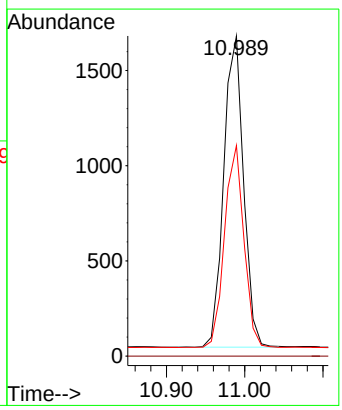


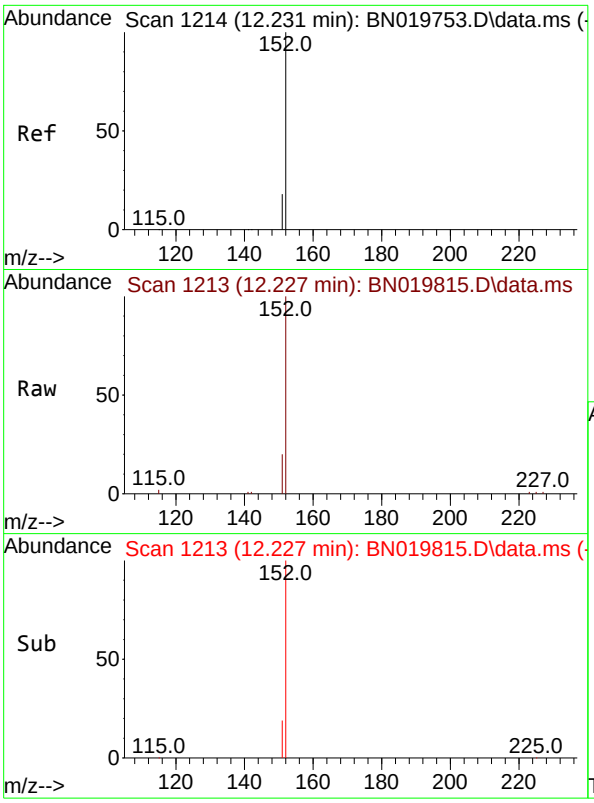


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.989 min Scan# 975
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:225 Resp: 2862

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.9	76.3



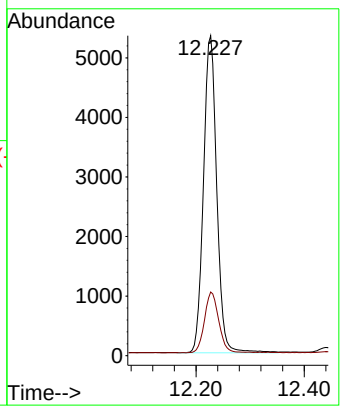


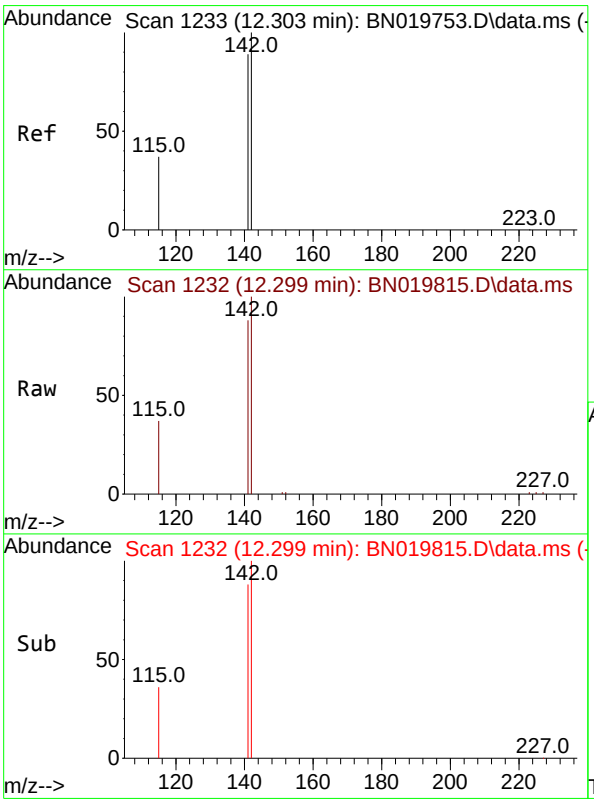
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.227 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9072

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

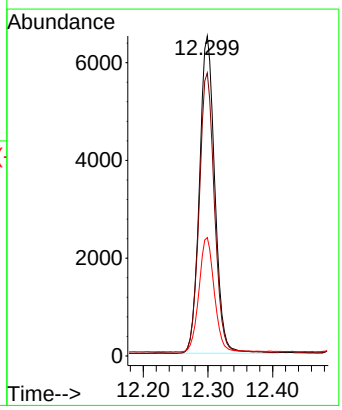


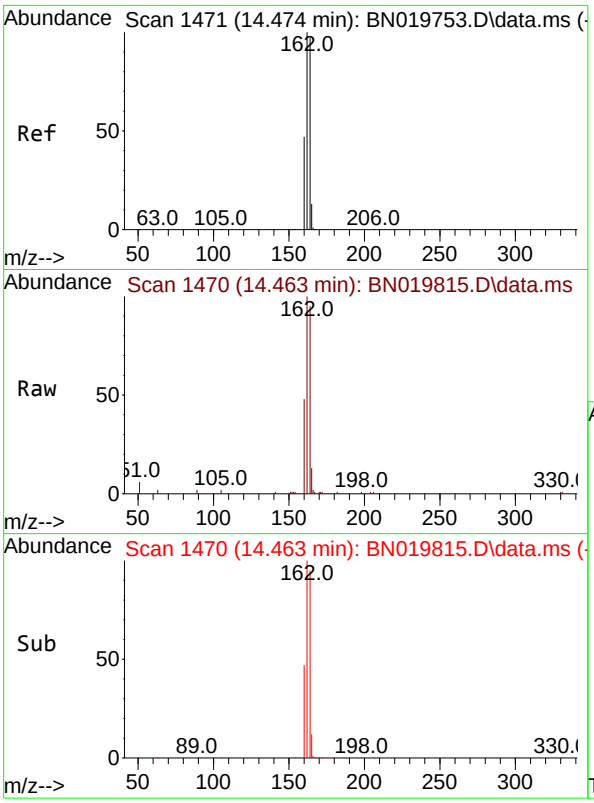


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.299 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:142 Resp: 10713

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4
115	37.0	29.8	44.8



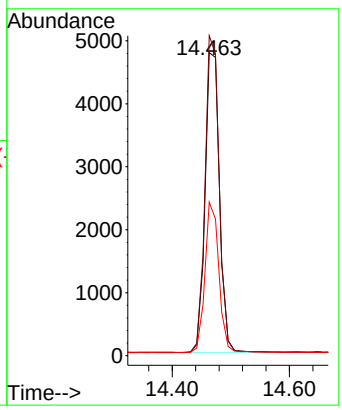


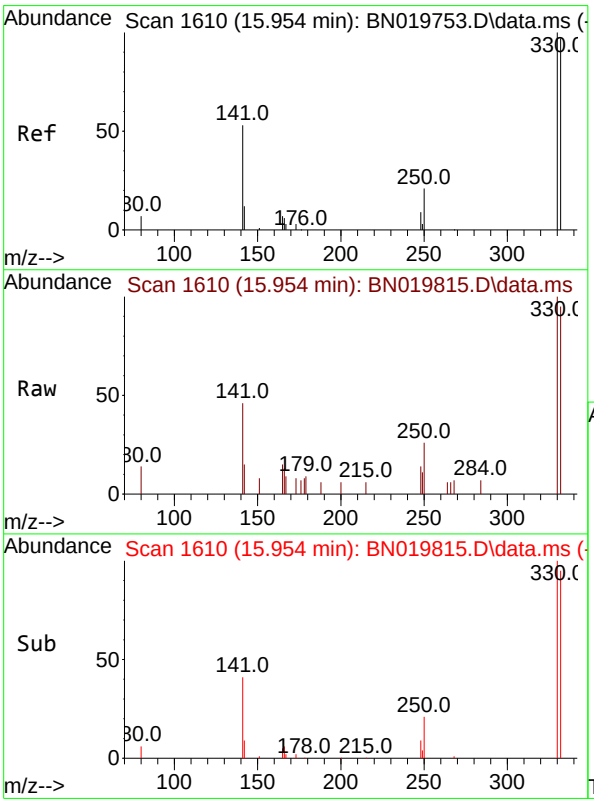
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8158

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.1	123.1
160	50.7	38.6	58.0

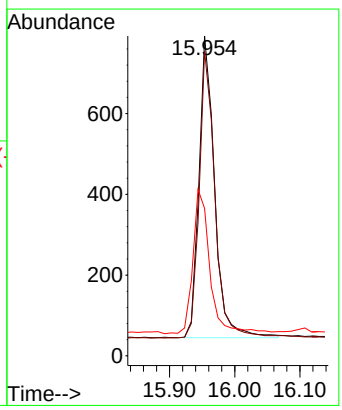


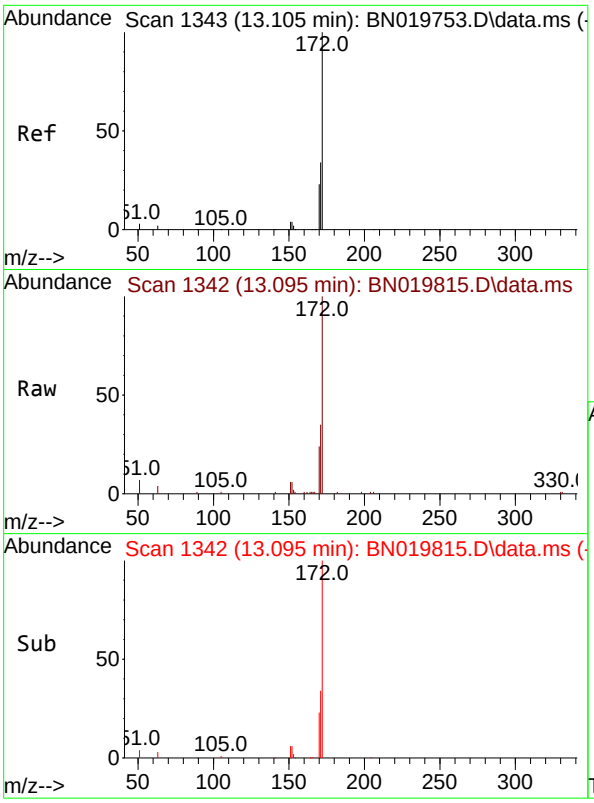


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:330 Resp: 1257

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.6	116.4
141	51.5	41.0	61.4



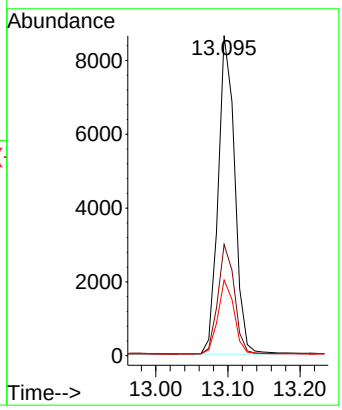


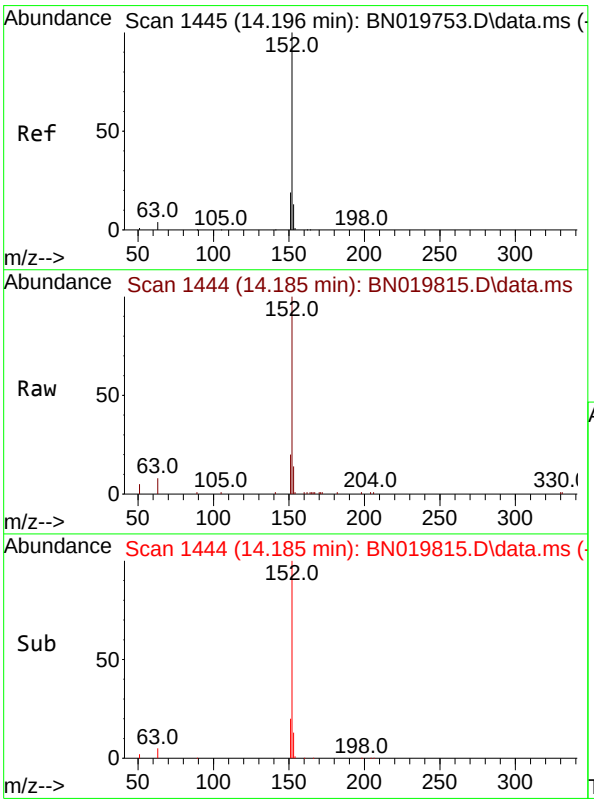
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13721

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.2	40.8
170	23.7	18.2	27.4

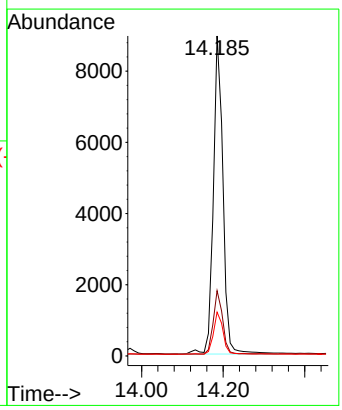


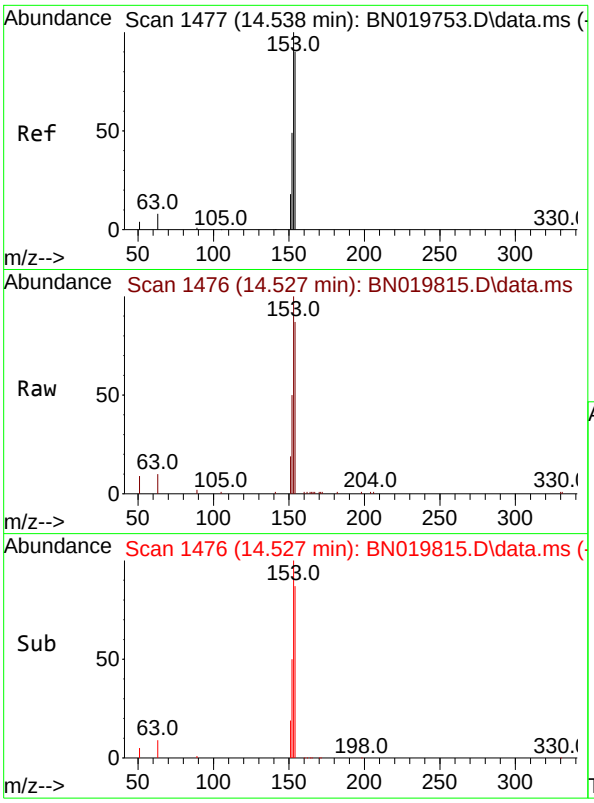


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:152 Resp: 14617

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.1	10.7	16.1



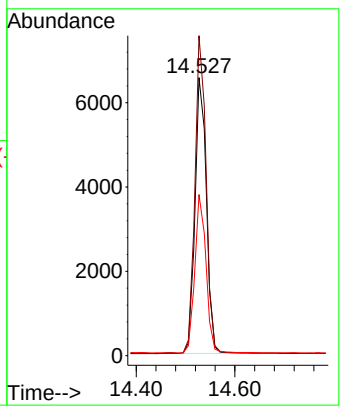


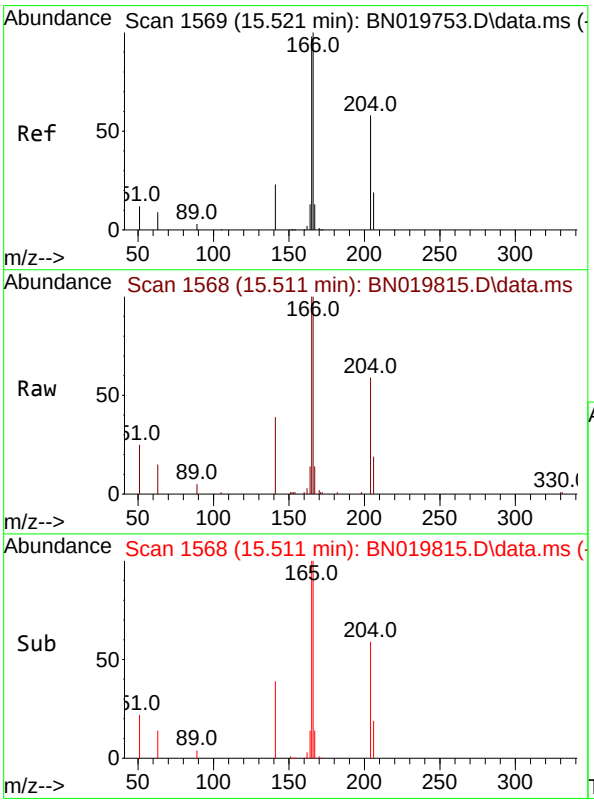
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10471

Ion	Ratio	Lower	Upper
154	100		
153	113.4	87.5	131.3
152	56.8	43.8	65.6

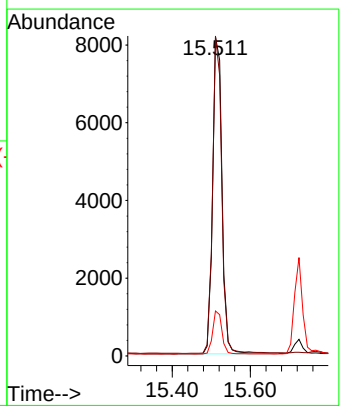


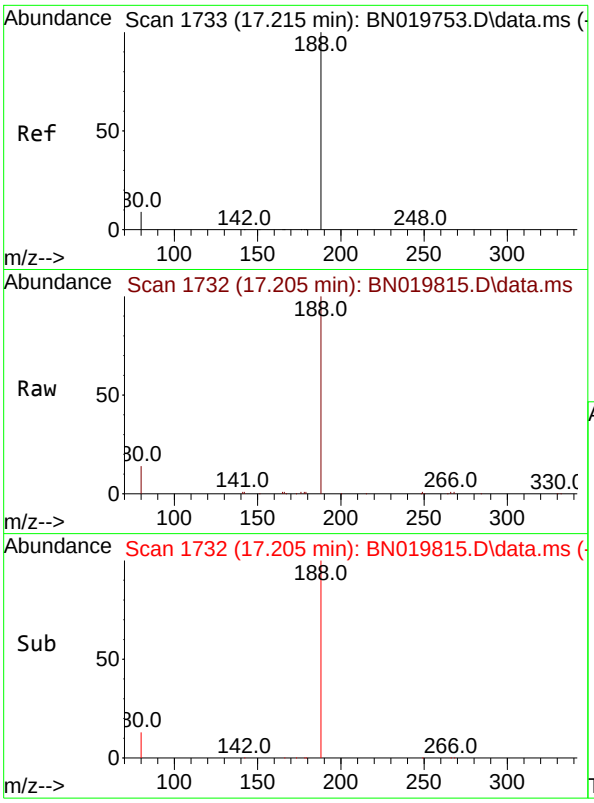


#18
Fluorene
Concen: 0.380 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:166 Resp: 13585

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	118.0
167	13.6	10.8	16.2



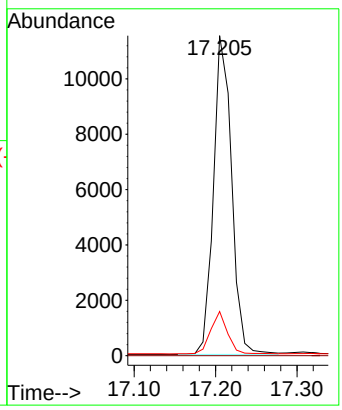


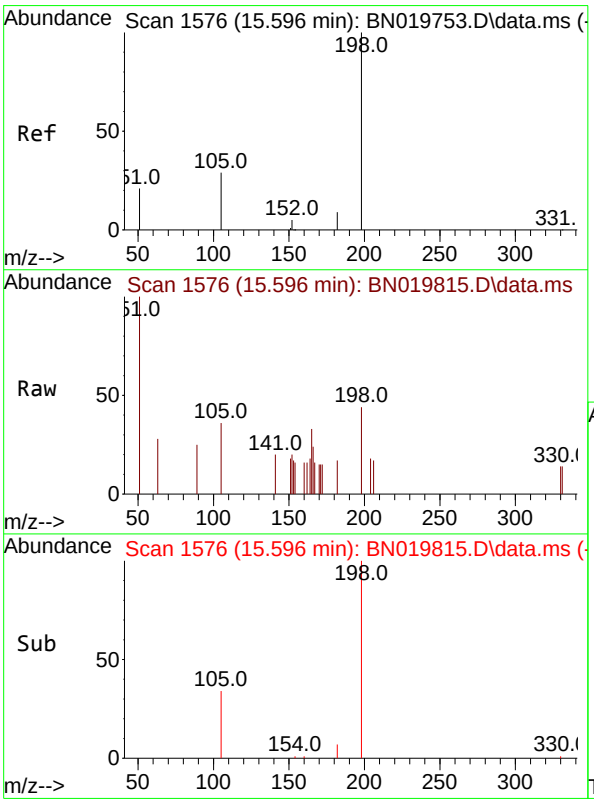
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17762

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	7.4	11.2#

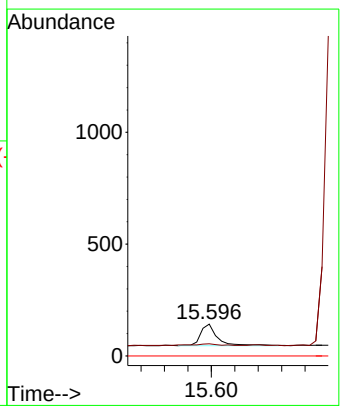


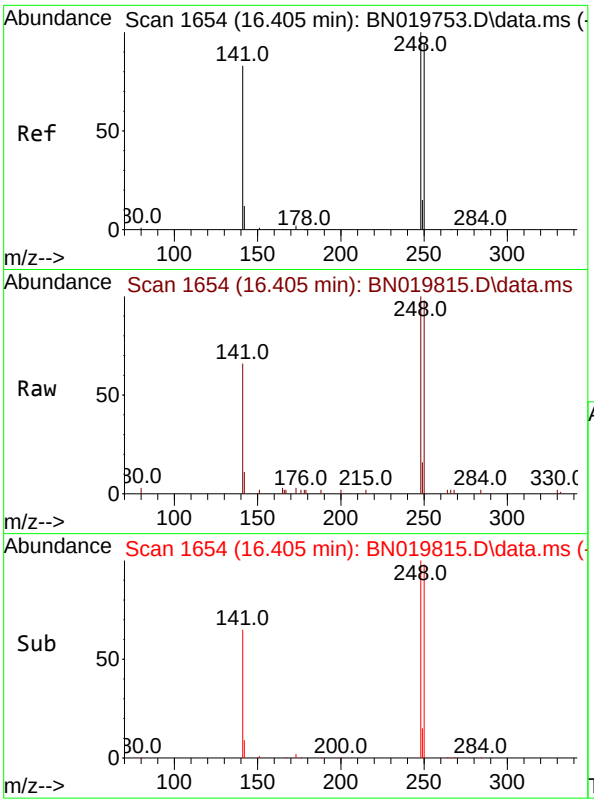


#20
4,6-Dinitro-2-methylphenol
Concen: 0.075 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:198 Resp: 190

Ion	Ratio	Lower	Upper
198	100		
182	38.0	12.1	18.1#
77	0.0	0.0	0.0



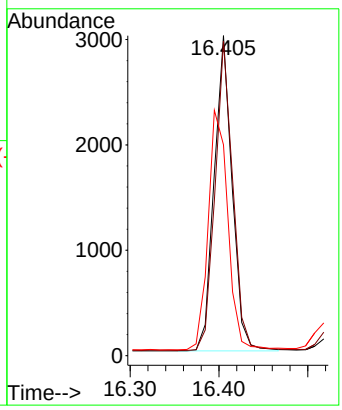


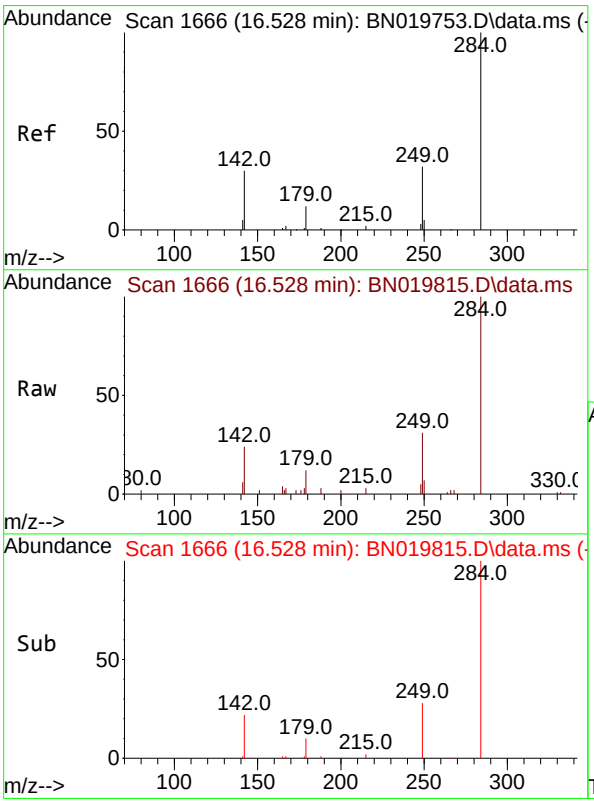
#21
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.405 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4200

Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.3	112.9
141	65.9	67.3	100.9#

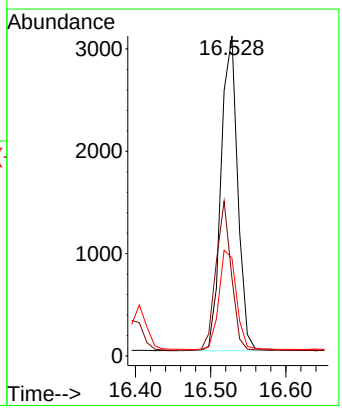


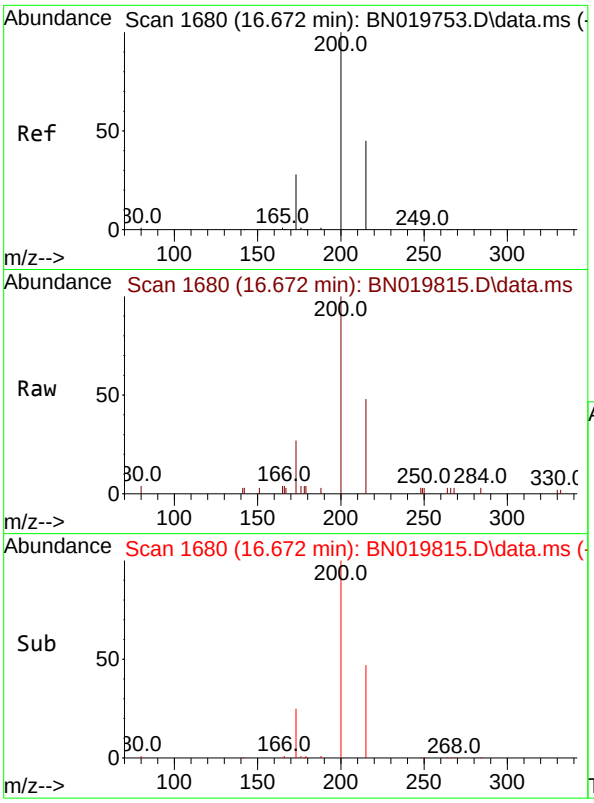


#22
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:284 Resp: 4718

Ion	Ratio	Lower	Upper
284	100		
142	43.6	35.2	52.8
249	32.8	26.6	40.0



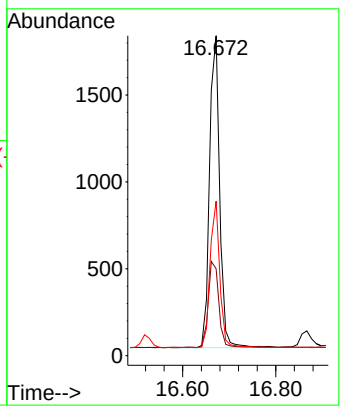


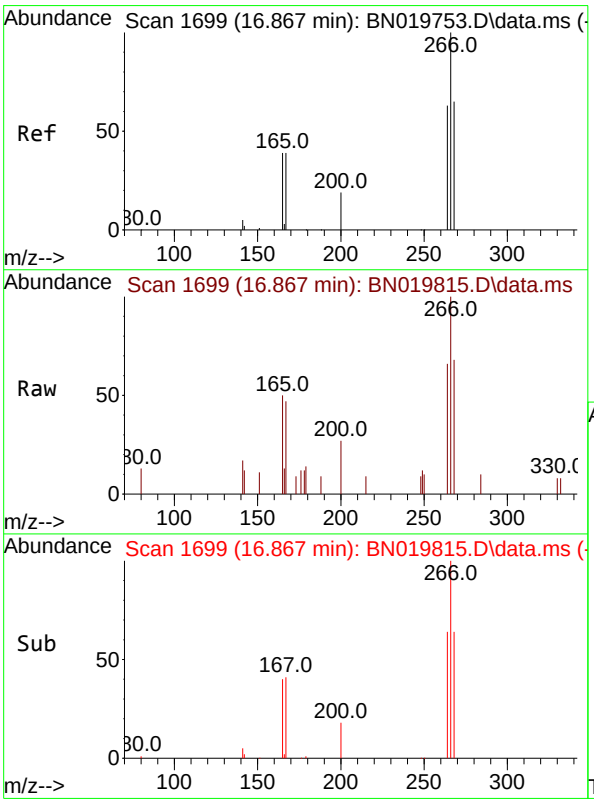
#23
Atrazine
Concen: 0.382 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2702

Ion	Ratio	Lower	Upper
200	100		
173	27.2	23.6	35.4
215	48.3	36.6	54.8

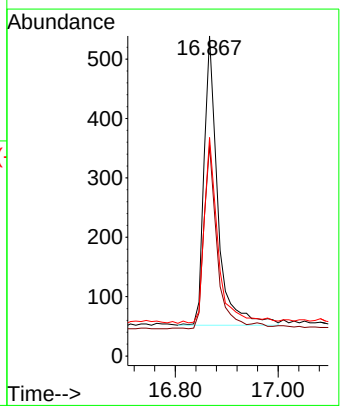


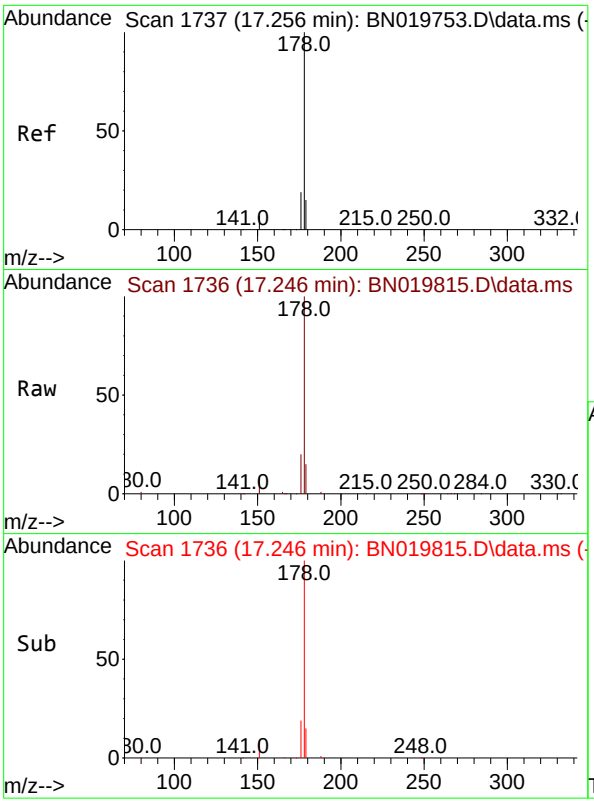


#24
Pentachlorophenol
Concen: 0.194 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:266 Resp: 902

Ion	Ratio	Lower	Upper
266	100		
264	60.3	51.3	76.9
268	64.9	52.6	79.0



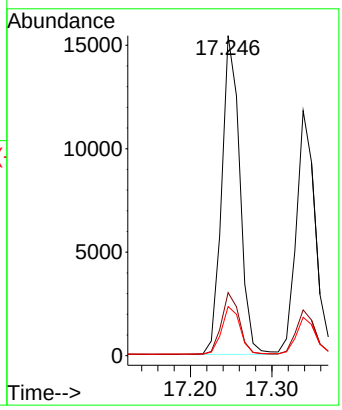


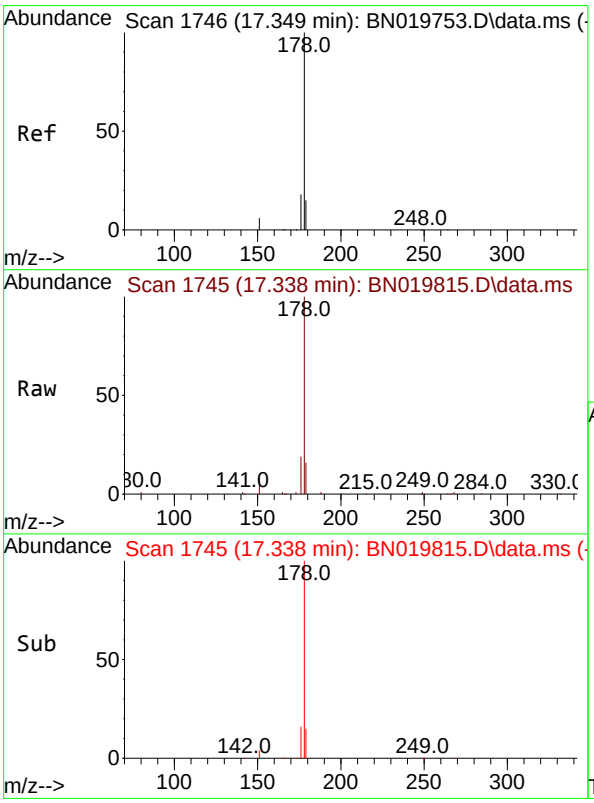
#25
Phenanthrene
Concen: 0.387 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 23785

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.2	18.4

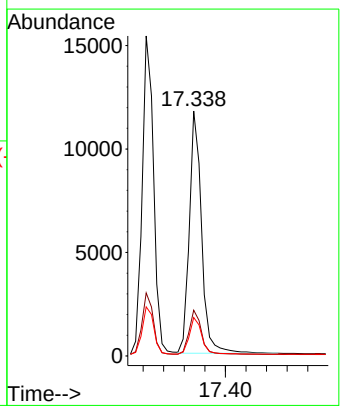


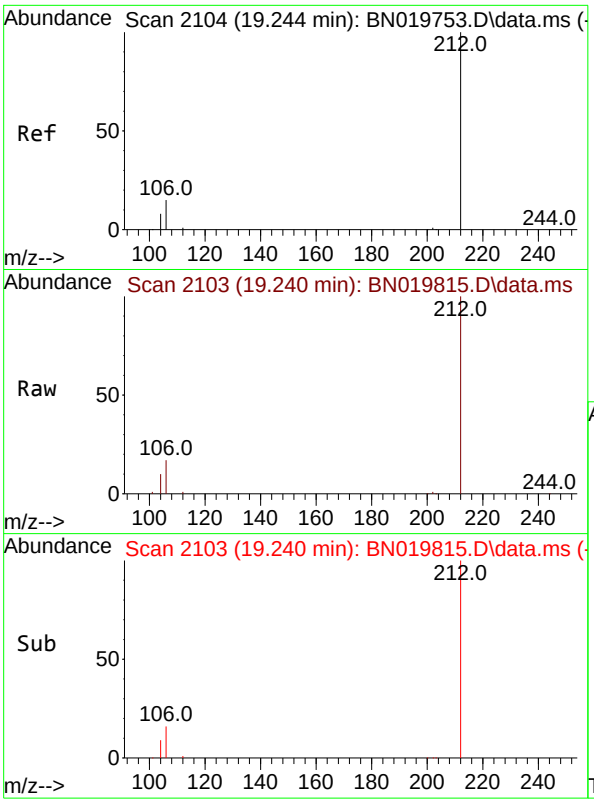


#26
Anthracene
Concen: 0.372 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:178 Resp: 19351

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.2	18.4



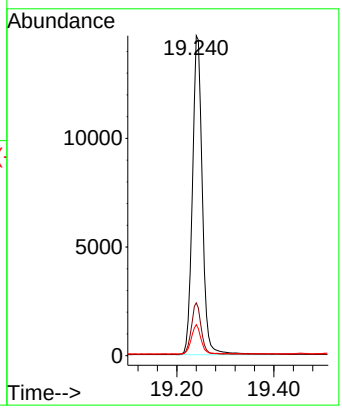


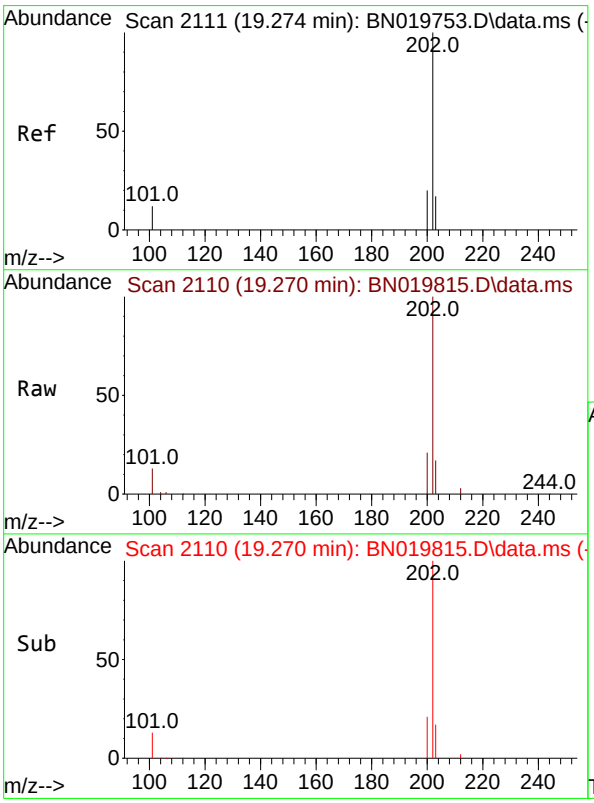
#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 20801

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	8.9	7.2	10.8

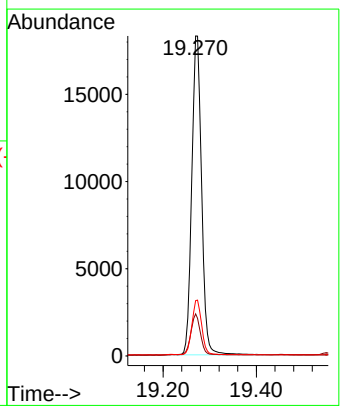


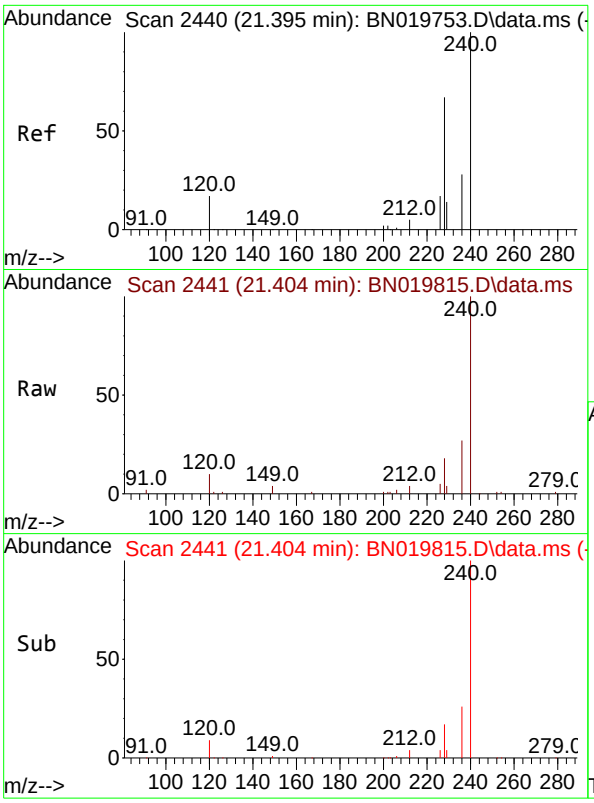


#28
Fluoranthene
Concen: 0.406 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:202 Resp: 26766

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.6	14.4
203	16.9	13.5	20.3



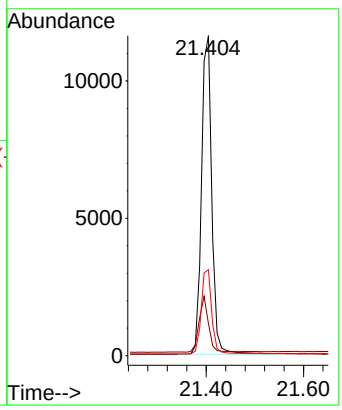


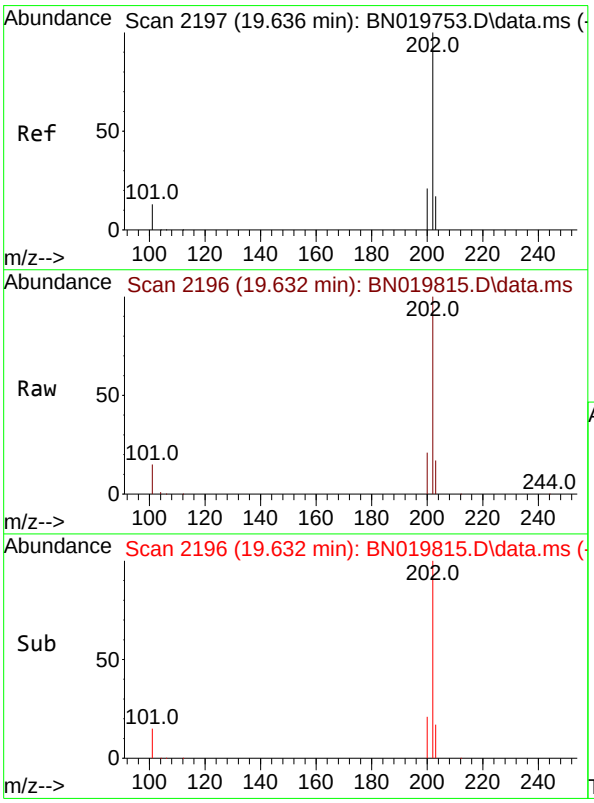
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17010

Ion	Ratio	Lower	Upper
240	100		
120	10.0	14.6	21.8#
236	26.8	22.6	33.8

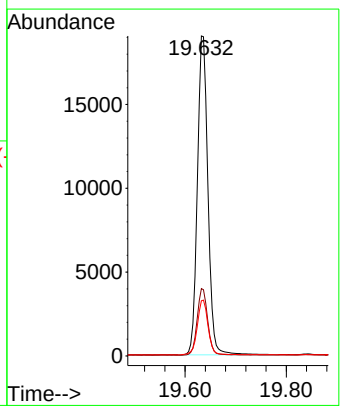


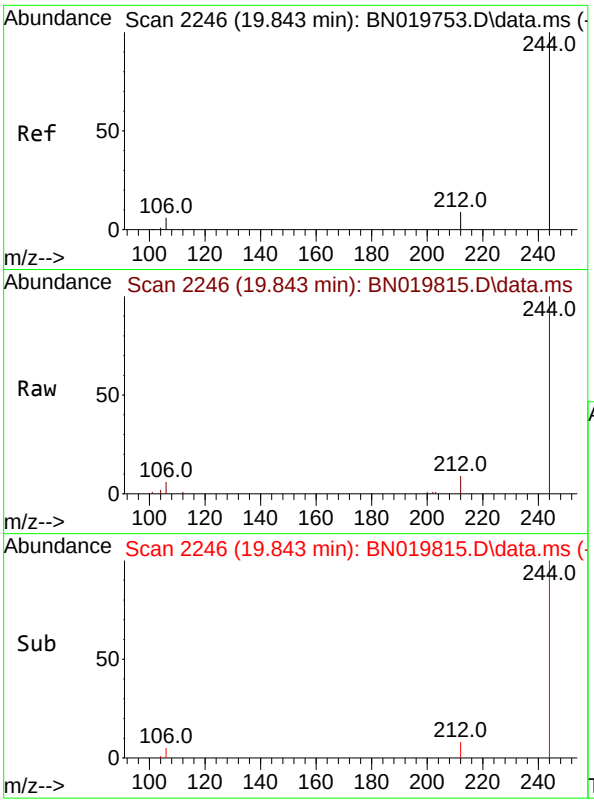


#30
Pyrene
Concen: 0.382 ng
RT: 19.632 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:202 Resp: 27533

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.2	21.2



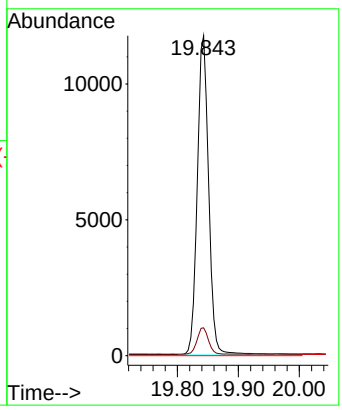


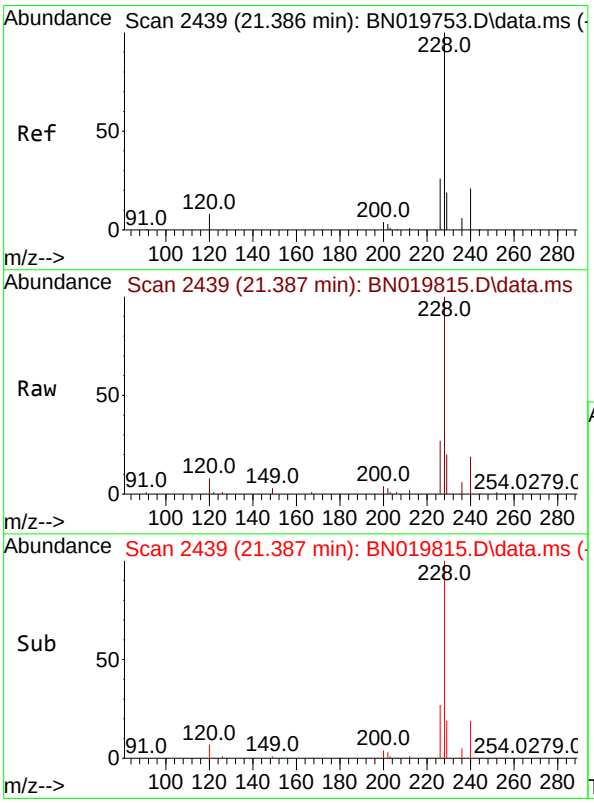
#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.843 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15144

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.1	10.7
122	0.0	0.0	0.0

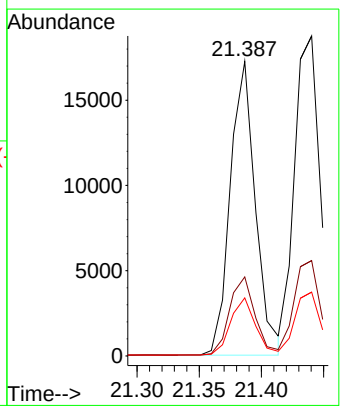


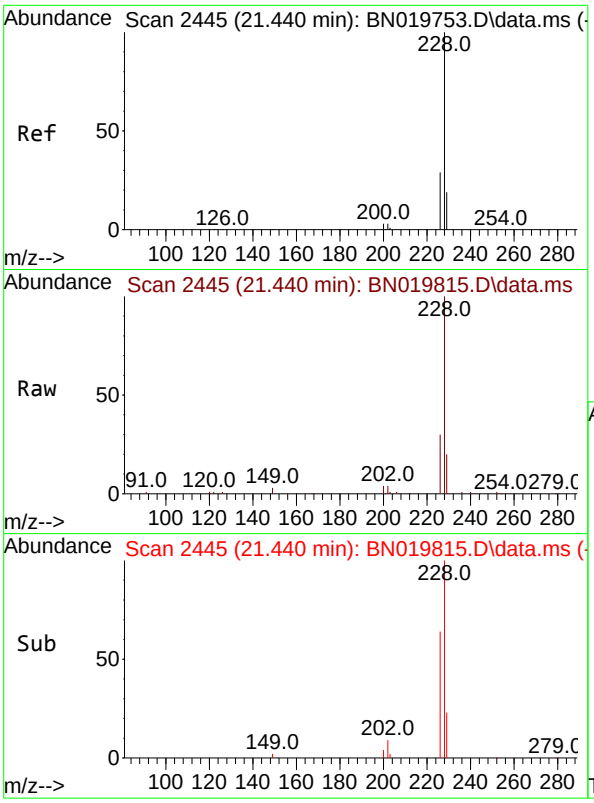


#32
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:228 Resp: 24258

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.7	15.6	23.4



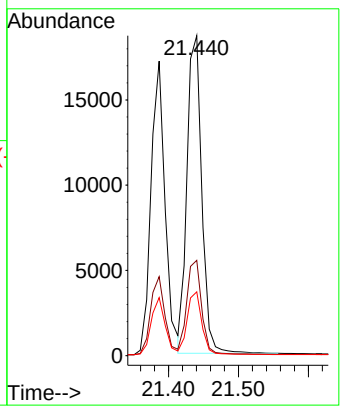


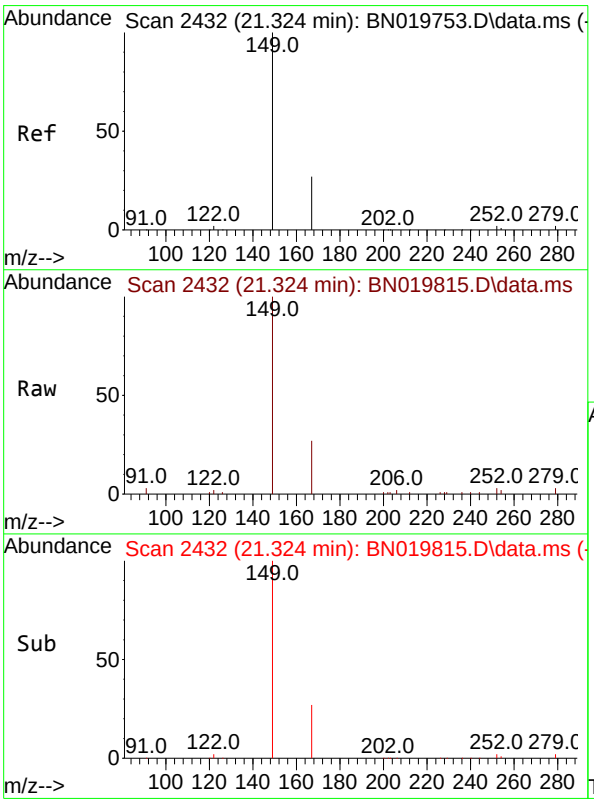
#33
Chrysene
Concen: 0.394 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 27371

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	20.0	15.7	23.5

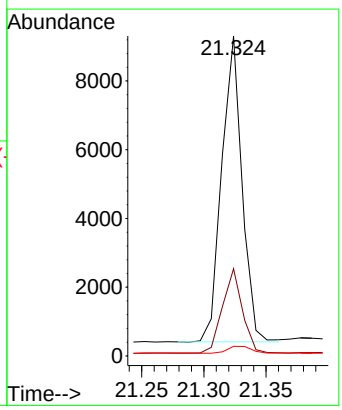


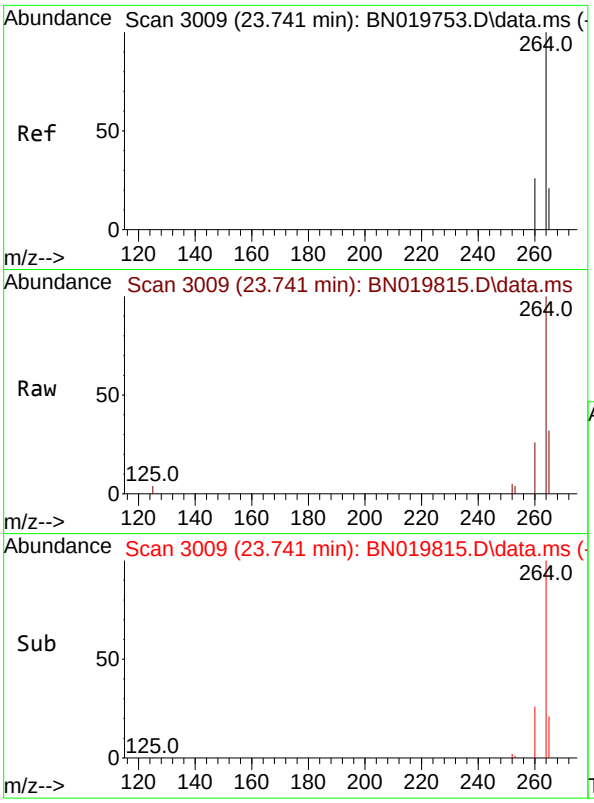


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:149 Resp: 10110

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	2.8	2.2	3.2



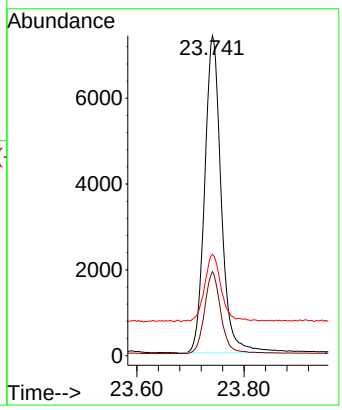


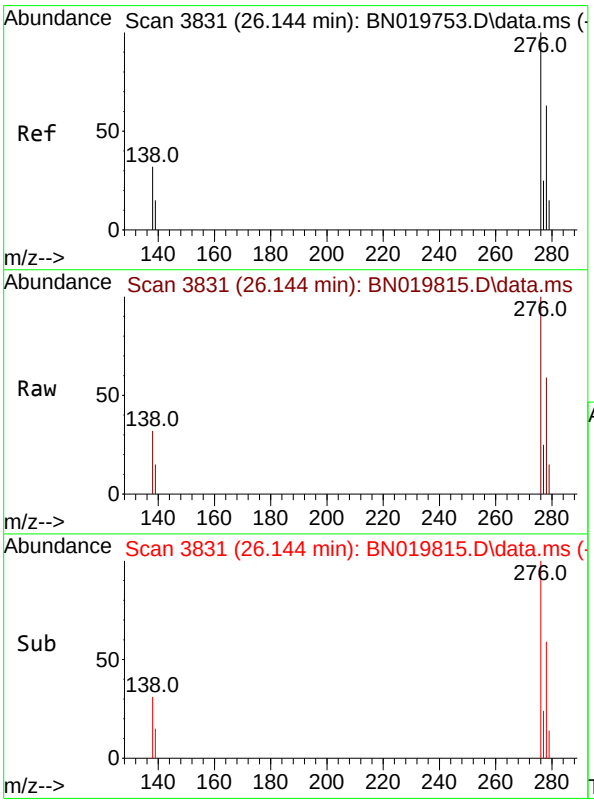
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 15848

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	31.7	28.0	42.0

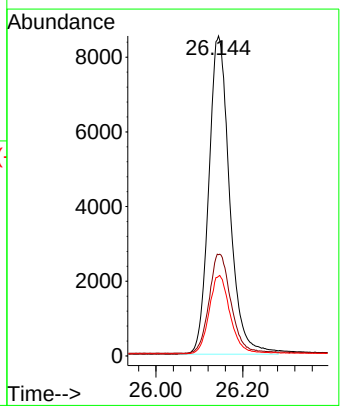


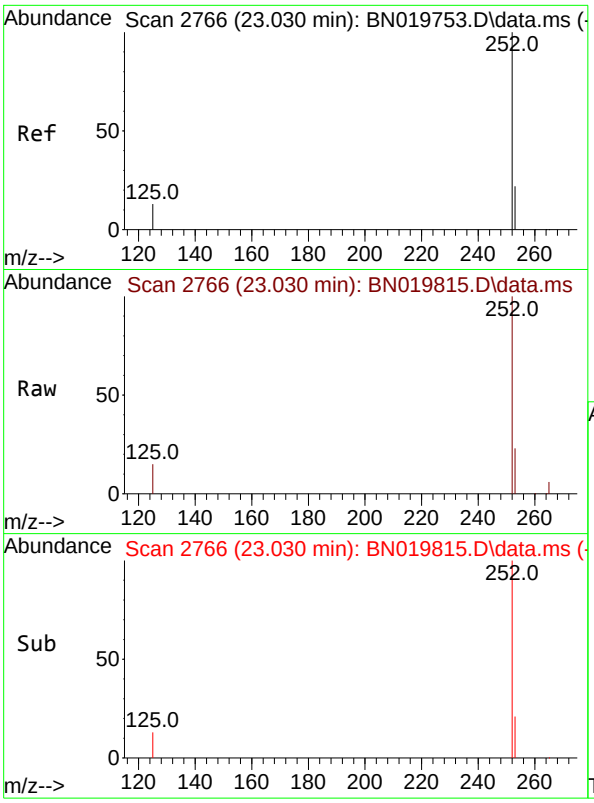


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 26.144 min Scan# 3831
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:276 Resp: 28338

Ion	Ratio	Lower	Upper
276	100		
138	32.9	25.9	38.9
277	24.9	19.8	29.8



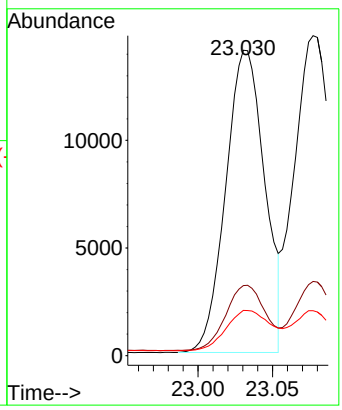


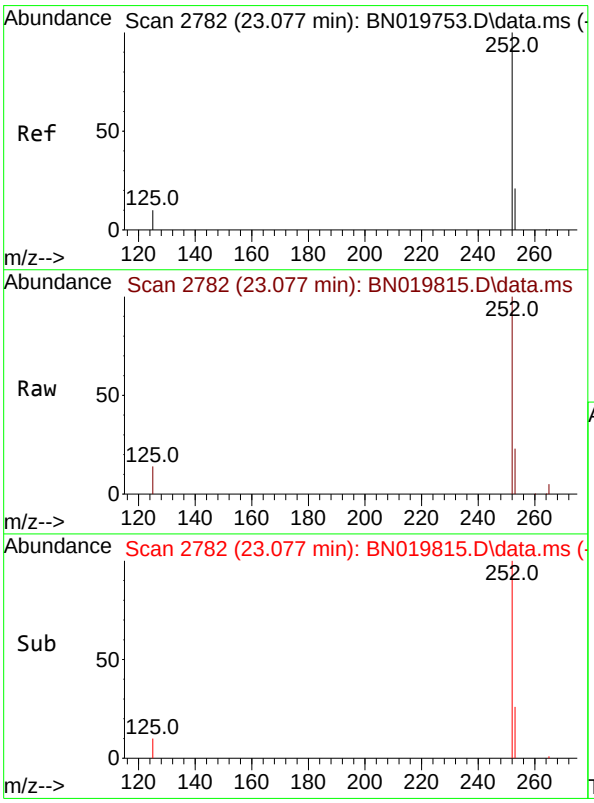
#37
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.030 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 25469

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	14.8	11.4	17.0

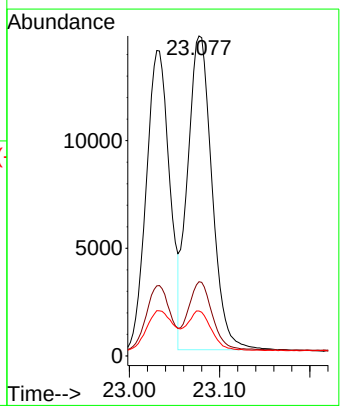


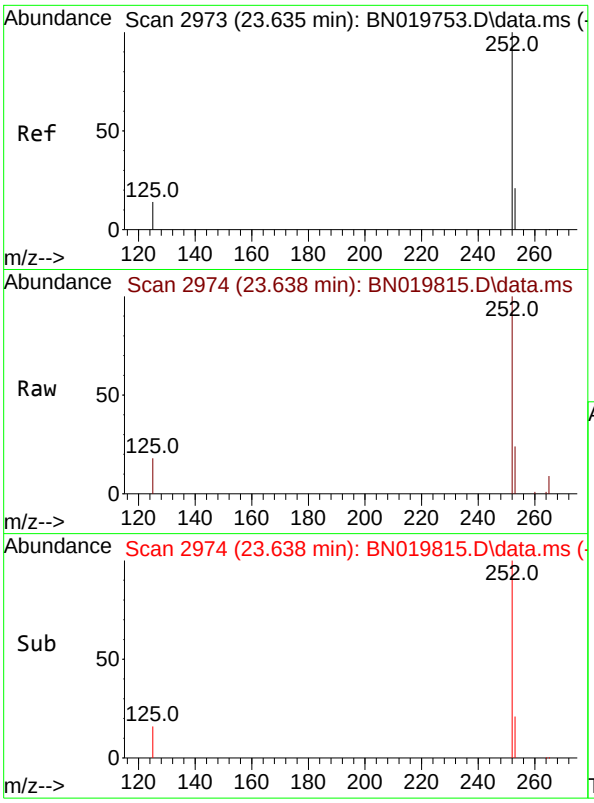


#38
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.077 min Scan# 2782
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:252 Resp: 27381

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	14.0	11.0	16.4



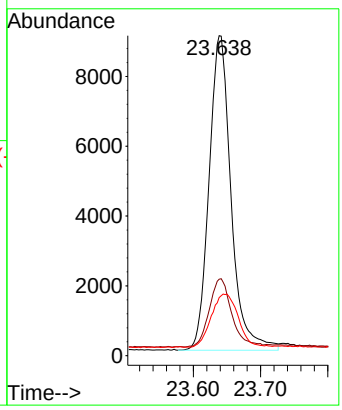


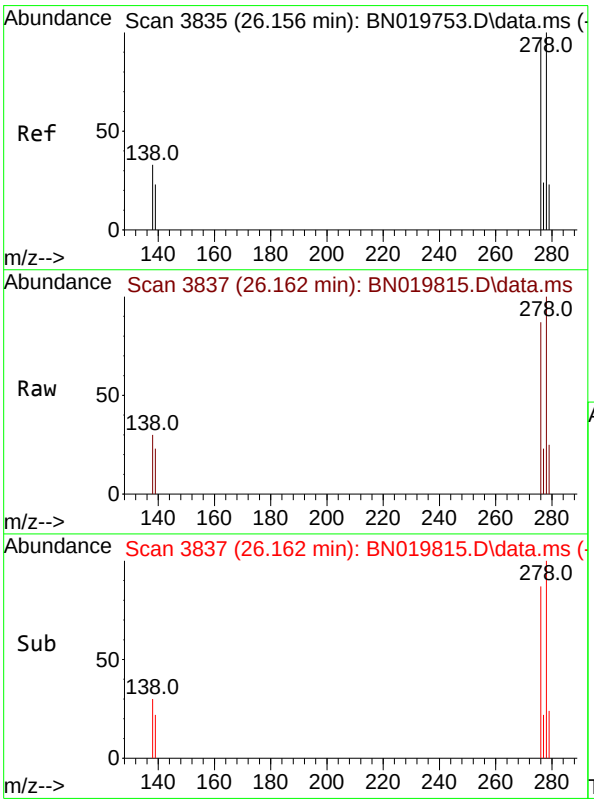
#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.638 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20515

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	18.2	13.8	20.8

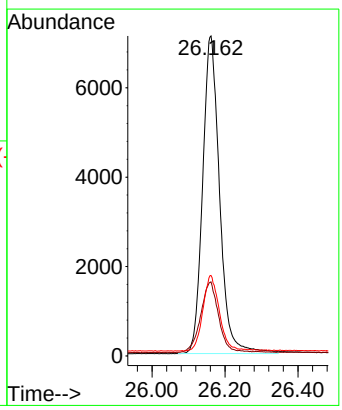


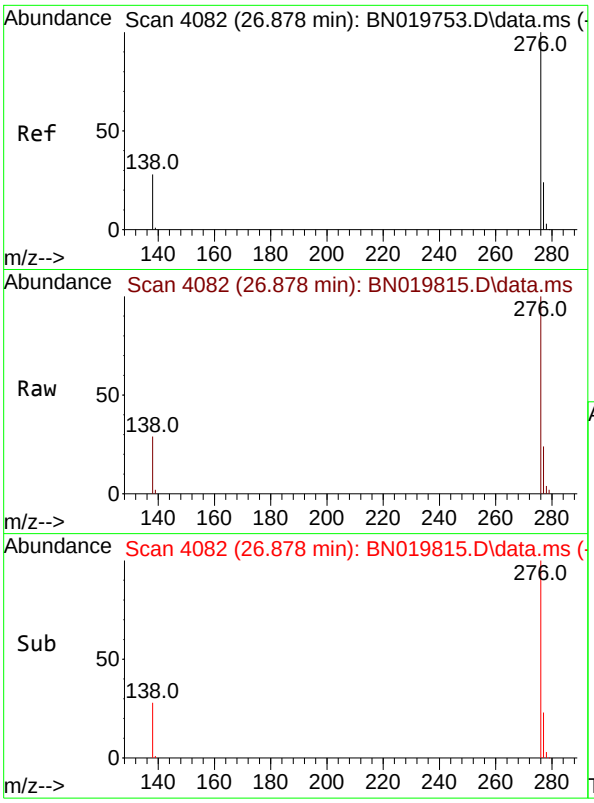


#40
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 26.162 min Scan# 3837
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Tgt Ion:278 Resp: 22967

Ion	Ratio	Lower	Upper
278	100		
139	23.1	18.6	28.0
279	25.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 26.878 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN019815.D
Acq: 17 May 2022 11:02

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 22795

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	28.7	22.6	34.0