Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019755.D
Acq On : 12 May 2022 18:25
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 13 02:22:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:18:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4763	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14196	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8704	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	18828	0.400	ng		0.00
29) Chrysene-d12	21.395	240	17333	0.400	ng		0.00
35) Perylene-d12	23.738	264	13738	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	19030	1.766	ng		0.00
5) Phenol-d6	7.017	99	24084	1.775	ng		0.00
8) Nitrobenzene-d5	9.003	82	17474	1.473	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	40696	1.675	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	5577	1.765	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	61167	1.558	ng		0.00
27) Fluoranthene-d10	19.244	212	89193	1.643	ng		0.00
31) Terphenyl-d14	19.843	244	63606	1.579	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	9346	1.538	ng		97
3) n-Nitrosodimethylamine	3.665	42	10662	1.709	ng	#	97
6) bis(2-Chloroethyl)ether	7.277	93	23796	1.629	ng		100
9) Naphthalene	10.690	128	70301	1.622	ng		100
10) Hexachlorobutadiene	10.989	225	12671	1.564	ng	#	100
12) 2-Methylnaphthalene	12.303	142	48665	1.675	ng		99
16) Acenaphthylene	14.196	152	68753	1.569	ng		99
17) Acenaphthene	14.538	154	49362	1.615	ng		99
18) Fluorene	15.521	166	62774	1.617	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	5485	2.102	ng	#	89
21) 4-Bromophenyl-phenylether	16.405	248	18994	1.539	ng		99
22) Hexachlorobenzene	16.528	284	20908	1.493	ng		99
23) Atrazine	16.672	200	12346	1.632	ng		99
24) Pentachlorophenol	16.866	266	8101	1.916	ng		99
25) Phenanthrene	17.256	178	106121	1.591	ng		100
26) Anthracene	17.349	178	91763	1.665	ng		100
28) Fluoranthene	19.274	202	118293	1.662	ng		99
30) Pyrene	19.636	202	117375	1.592	ng		100
32) Benzo(a)anthracene	21.386	228	105426	1.681	ng		99
33) Chrysene	21.431	228	114194	1.561	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	39248	1.392	ng		100
36) Indeno(1,2,3-cd)pyrene	26.141	276	107958	1.552	ng		100
37) Benzo(b)fluoranthene	23.027	252	98740	1.600	ng		97
38) Benzo(k)fluoranthene	23.074	252	104317	1.627	ng		98
39) Benzo(a)pyrene	23.635	252	78708	1.650	ng		95
40) Dibenzo(a,h)anthracene	26.161	278	88077	1.548	ng		97
41) Benzo(g,h,i)perylene	26.875	276	88666	1.495	ng		99

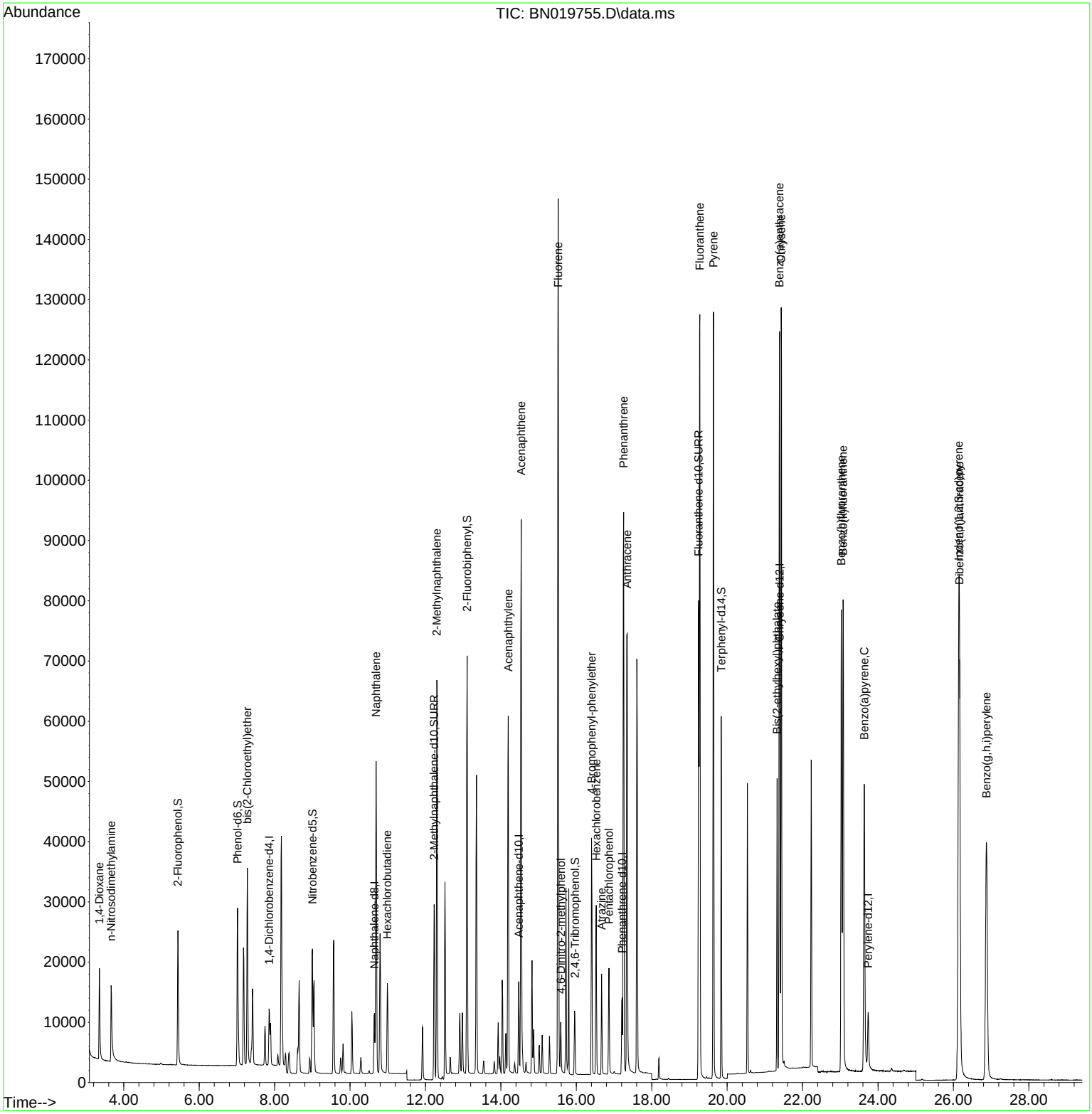
(#) = qualifier out of range (m) = manual integration (+) = signals summed

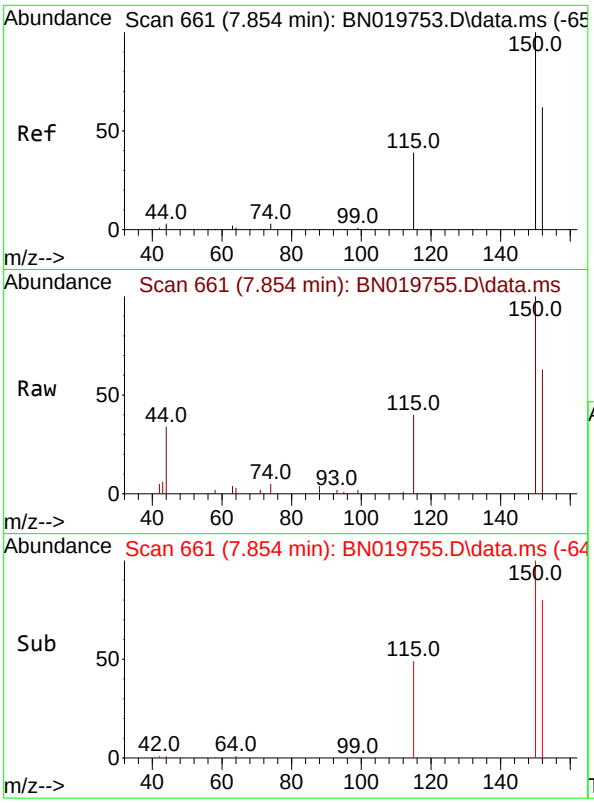
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019755.D
Acq On : 12 May 2022 18:25
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 13 02:22:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:18:00 2022
Response via : Initial Calibration



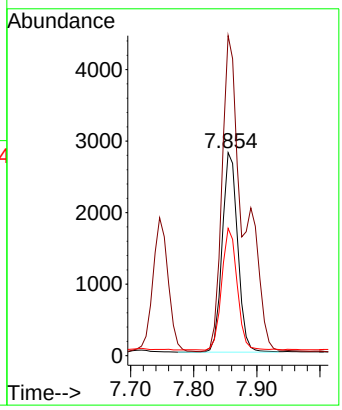


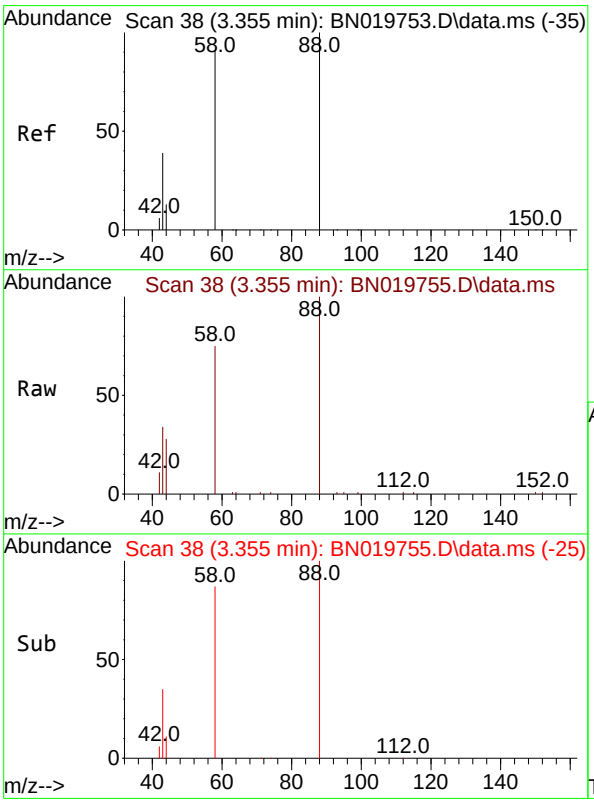
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 4763

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.9	191.9
115	62.7	51.4	77.2

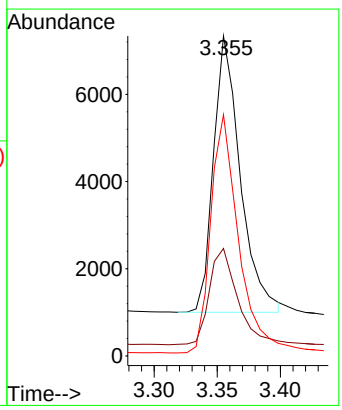


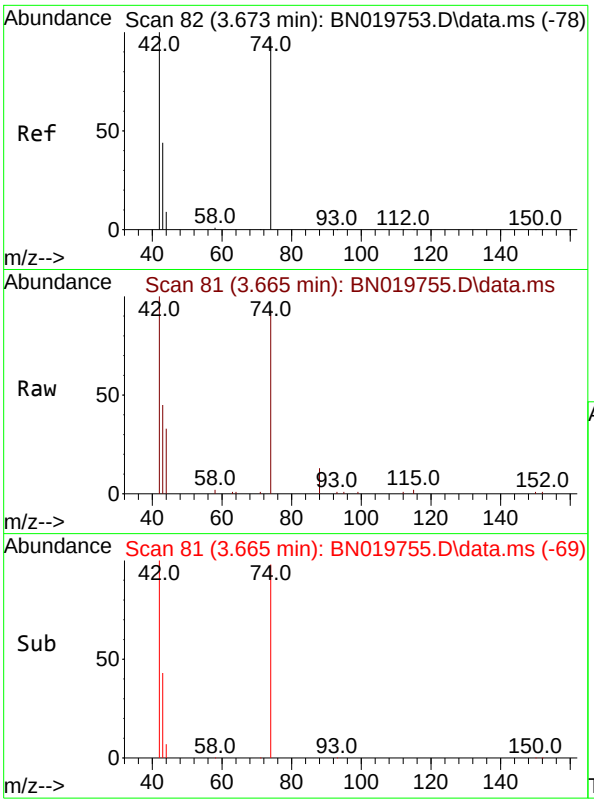


#2
1,4-Dioxane
Concen: 1.538 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion: 88 Resp: 9346

Ion	Ratio	Lower	Upper
88	100		
43	36.8	30.2	45.2
58	88.3	73.0	109.6



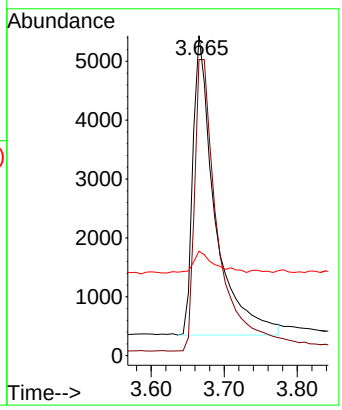


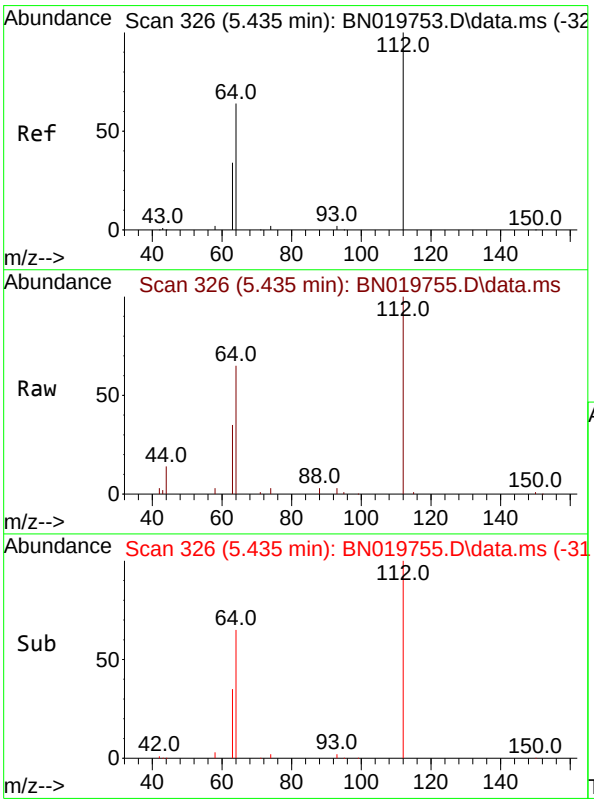
#3
n-Nitrosodimethylamine
Concen: 1.709 ng
RT: 3.665 min Scan# 8
Delta R.T. -0.014 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 10662

Ion	Ratio	Lower	Upper
42	100		
74	103.8	84.0	126.0
44	6.8	9.8	14.8#

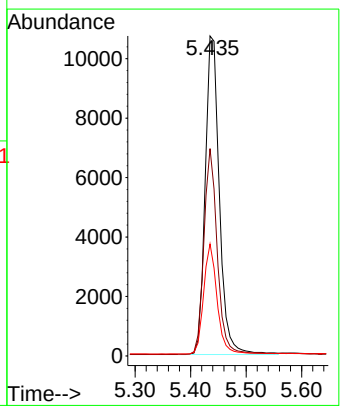


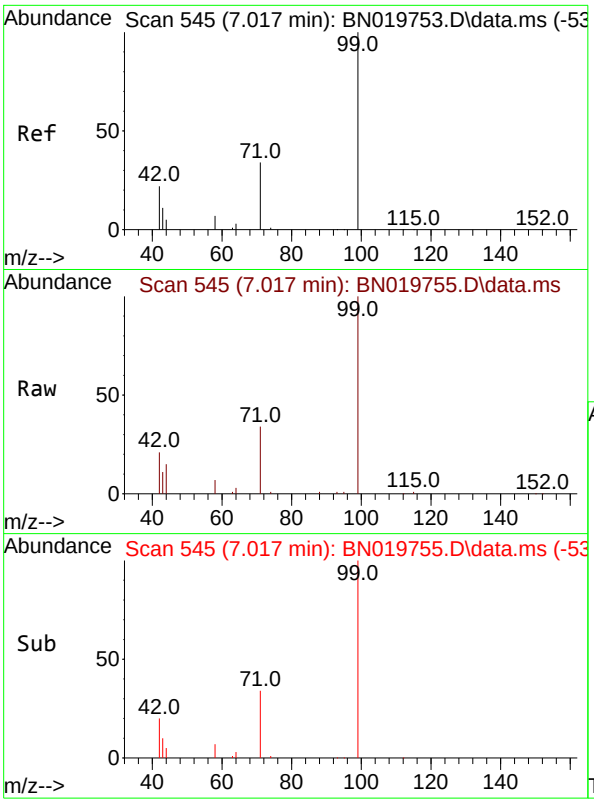


#4
2-Fluorophenol
Concen: 1.766 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:112 Resp: 19030

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.1	73.7
63	32.8	26.3	39.5



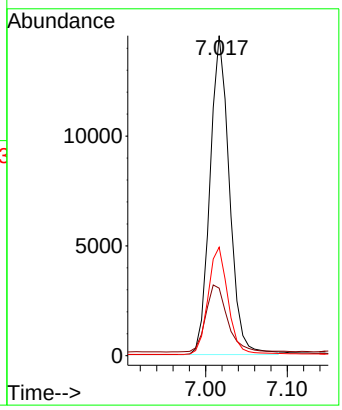


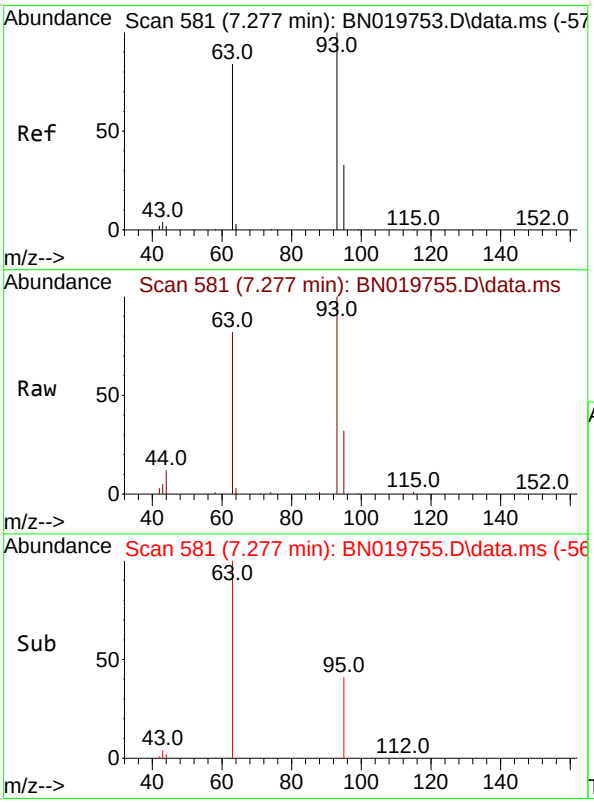
#5
Phenol-d6
Concen: 1.775 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 24084

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.3	28.9
71	34.4	27.5	41.3

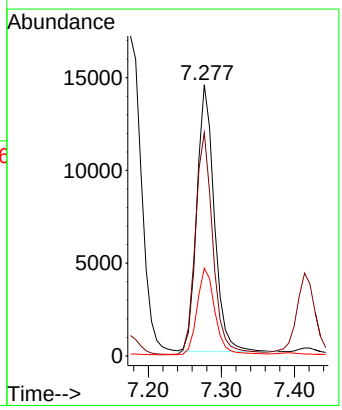


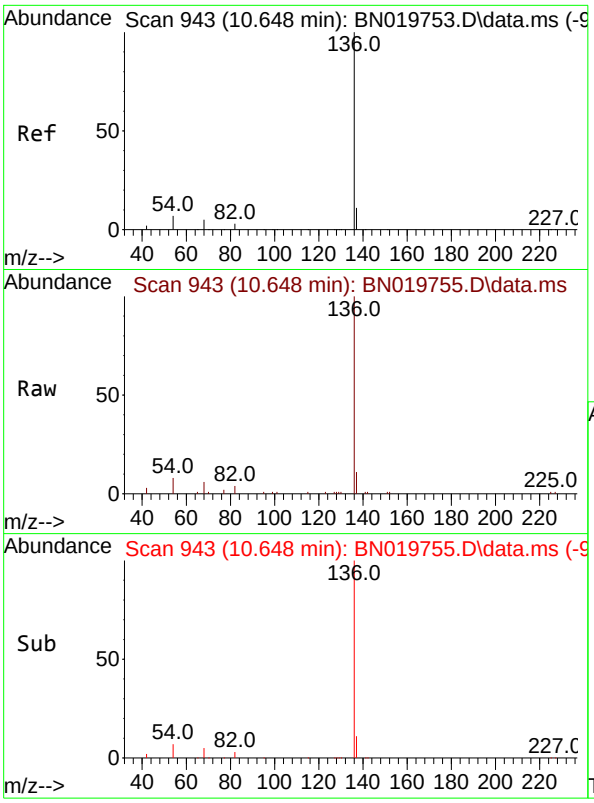


#6
bis(2-Chloroethyl)ether
Concen: 1.629 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion: 93 Resp: 23796

Ion	Ratio	Lower	Upper
93	100		
63	84.3	67.4	101.0
95	33.3	26.5	39.7



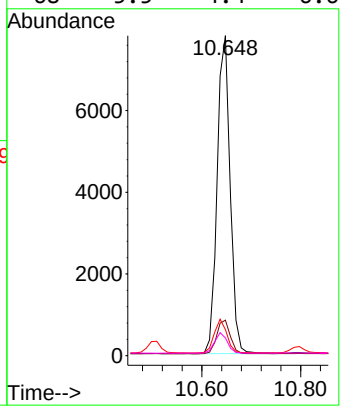


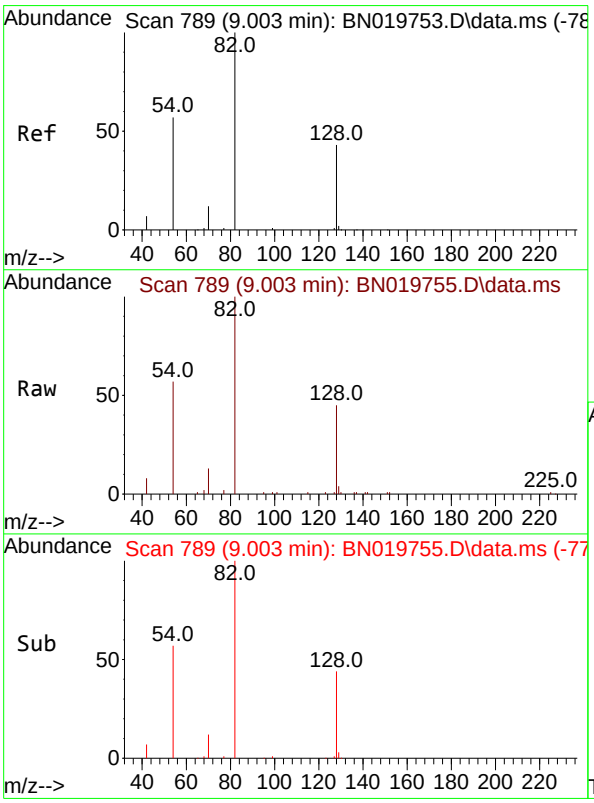
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 14196

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.1	6.2	9.2
68	5.5	4.4	6.6

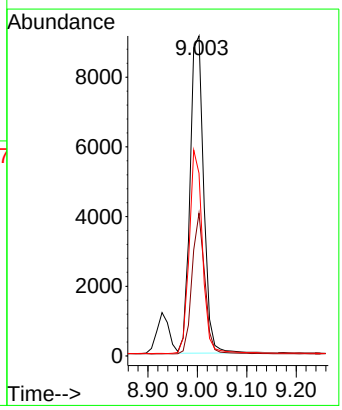


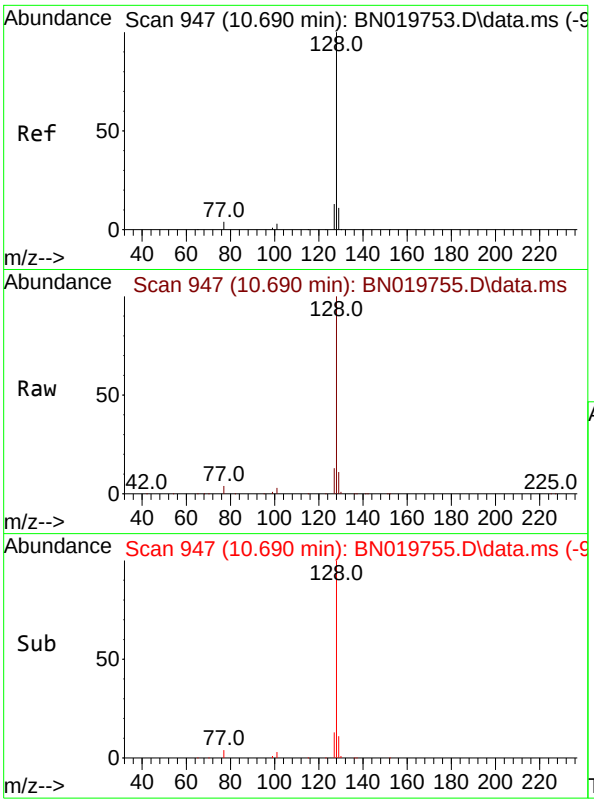


#8
Nitrobenzene-d5
Concen: 1.473 ng
RT: 9.003 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion: 82 Resp: 17474

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.0	52.6
54	57.1	46.2	69.4



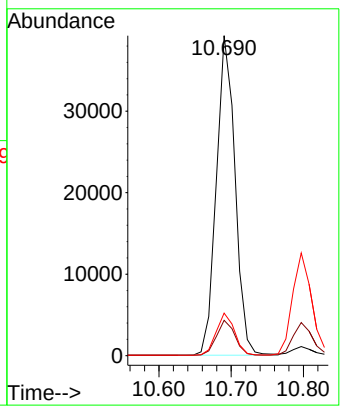


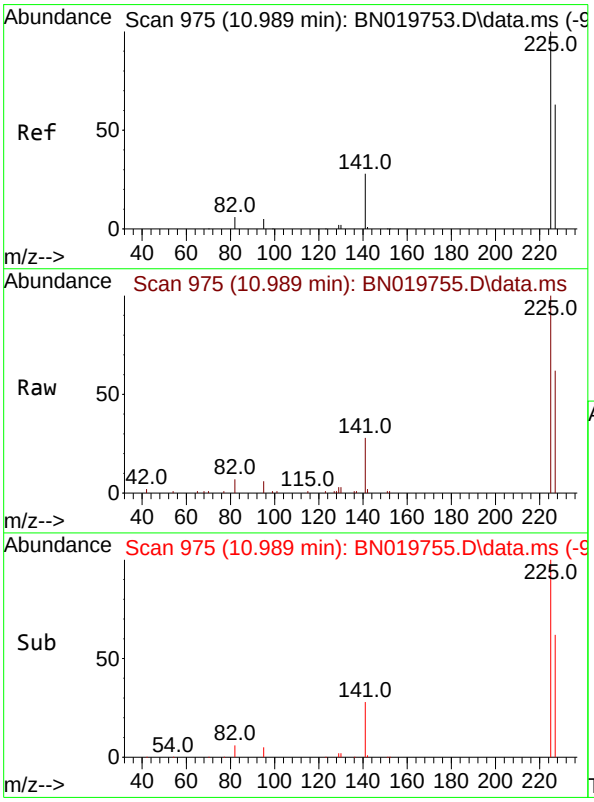
#9
Naphthalene
Concen: 1.622 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 70301

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.8	16.2

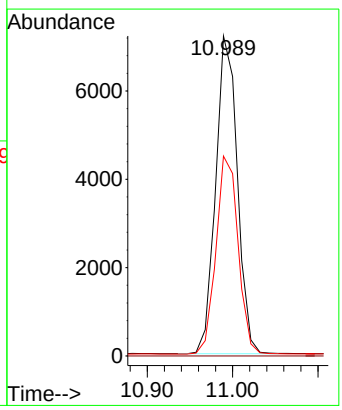


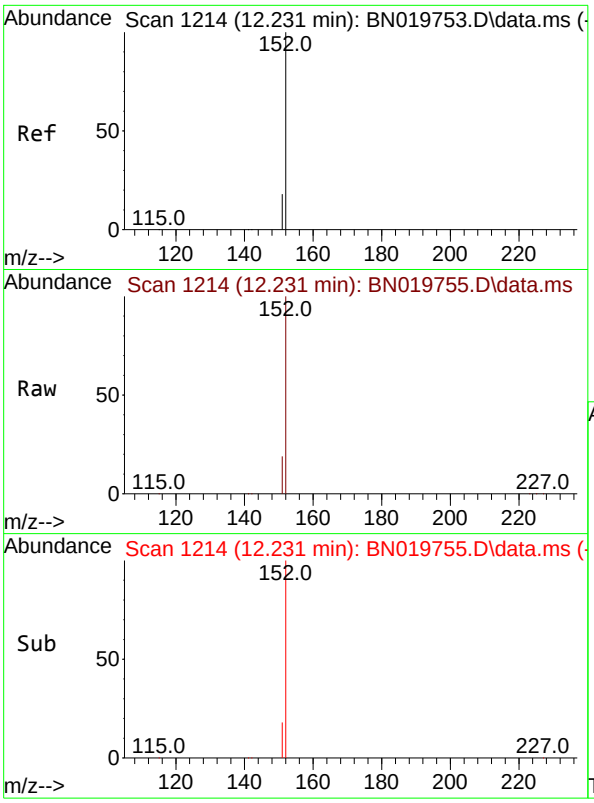


#10
Hexachlorobutadiene
Concen: 1.564 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:225 Resp: 12671

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.9	76.3



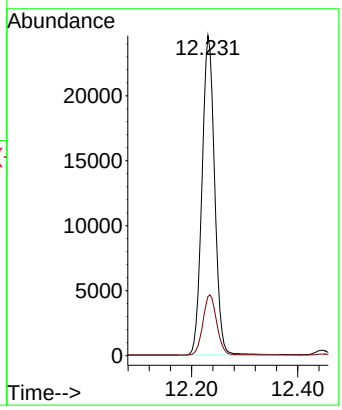


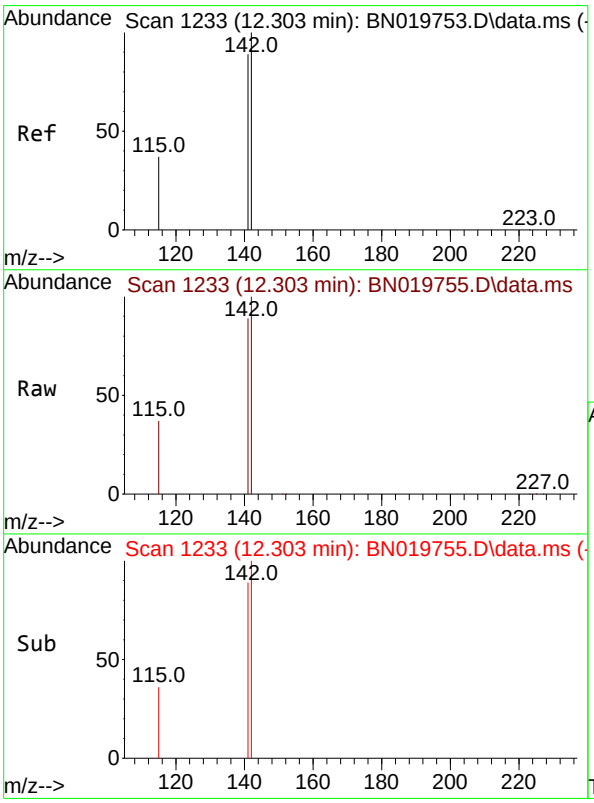
#11
2-Methylnaphthalene-d10
Concen: 1.675 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 40696

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

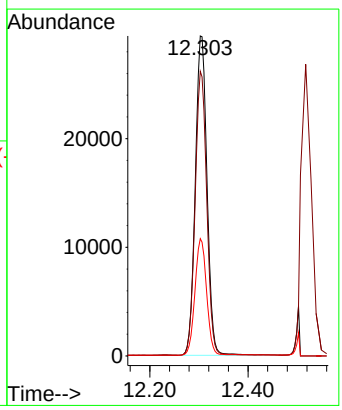


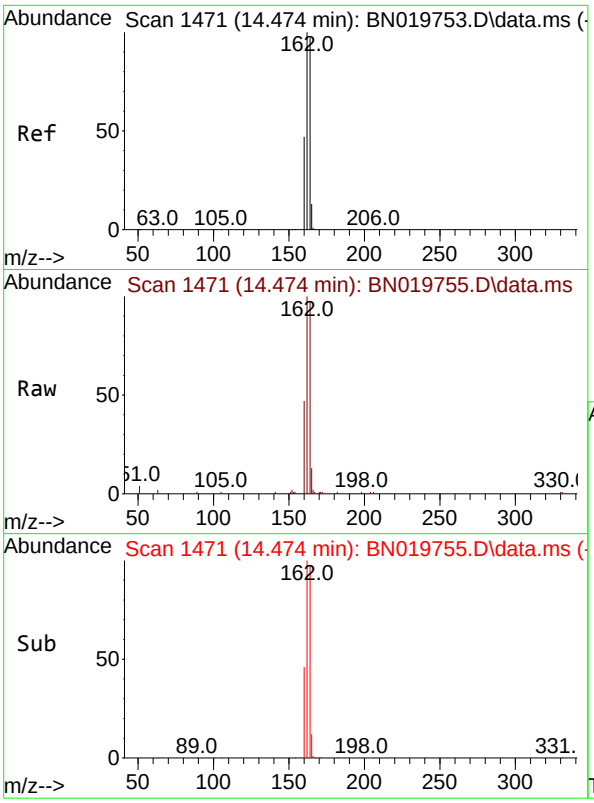


#12
2-Methylnaphthalene
Concen: 1.675 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.008 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:142 Resp: 48665

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	36.6	29.8	44.8



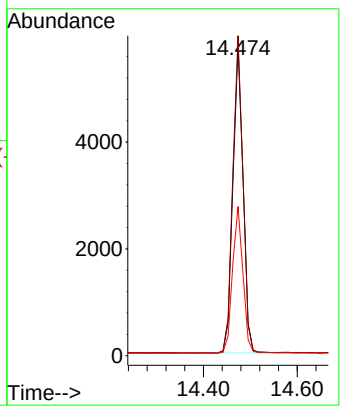


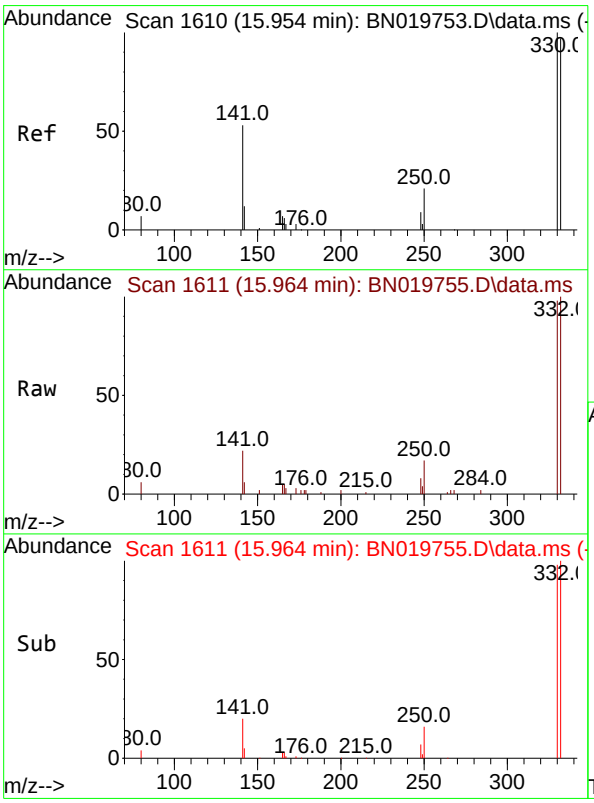
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 8704

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.1	123.1
160	48.2	38.6	58.0

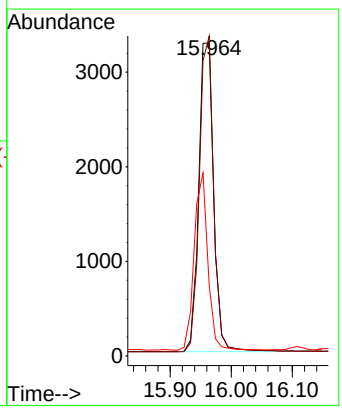


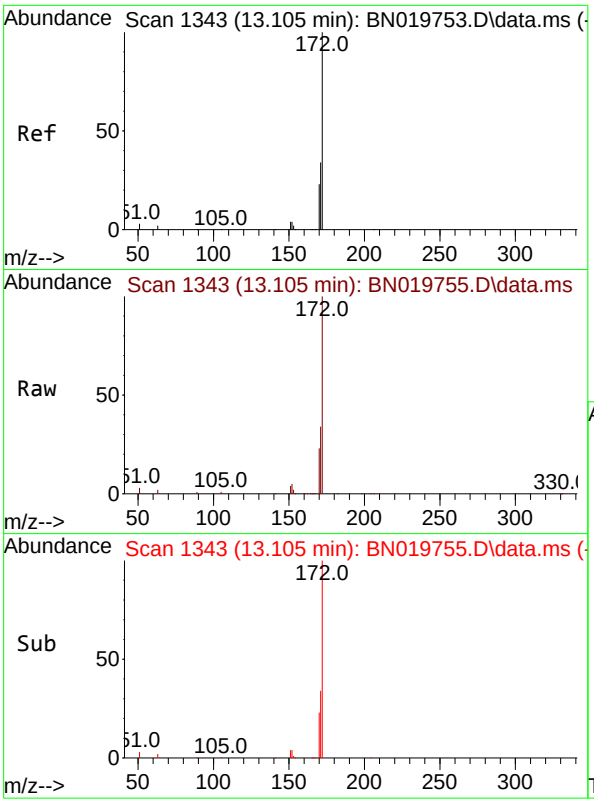


#14
2,4,6-Tribromophenol
Concen: 1.765 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:330 Resp: 5577

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	52.3	41.0	61.4



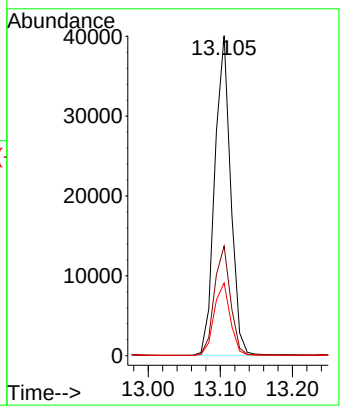


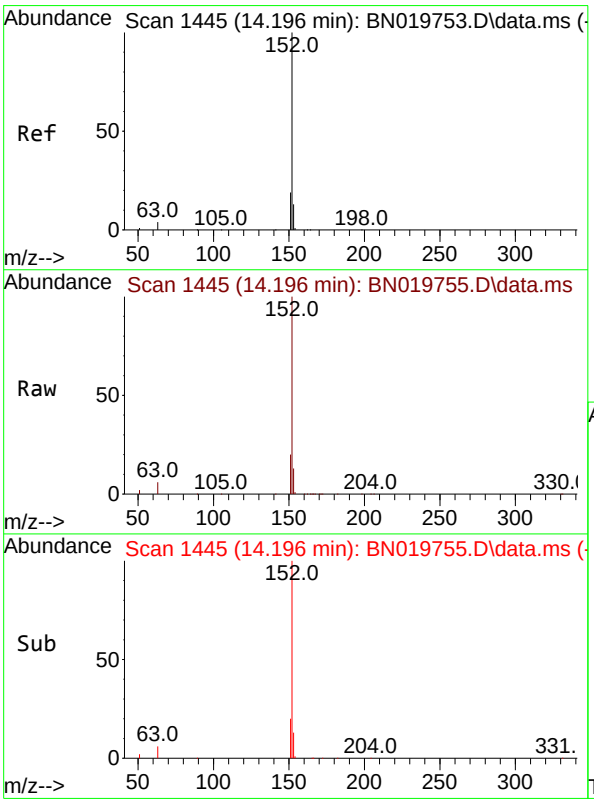
#15
2-Fluorobiphenyl
Concen: 1.558 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 61167

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.2	40.8
170	22.7	18.2	27.4

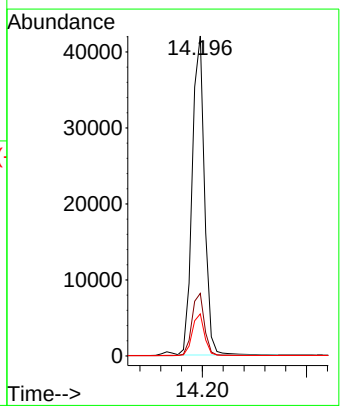


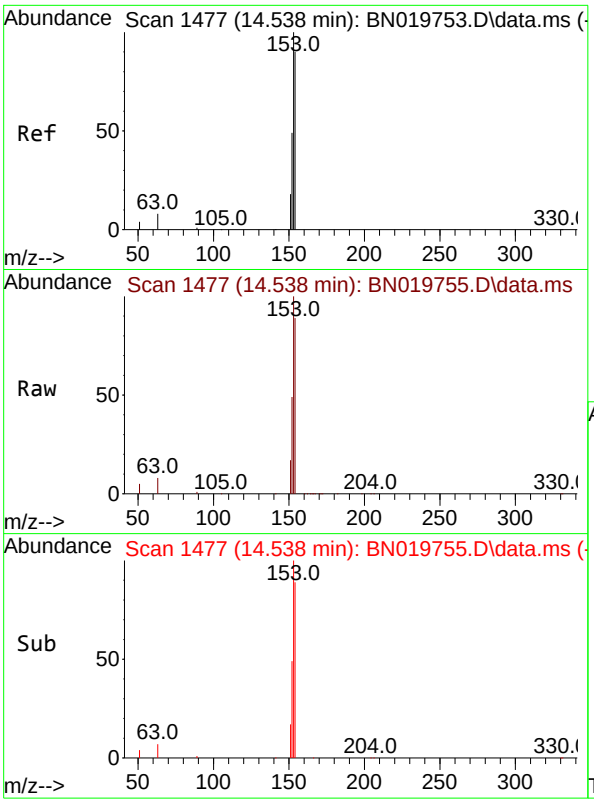


#16
Acenaphthylene
Concen: 1.569 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:152 Resp: 68753

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.3	10.7	16.1



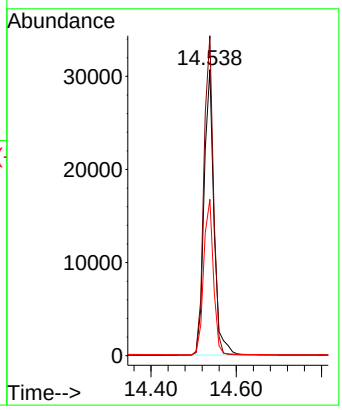


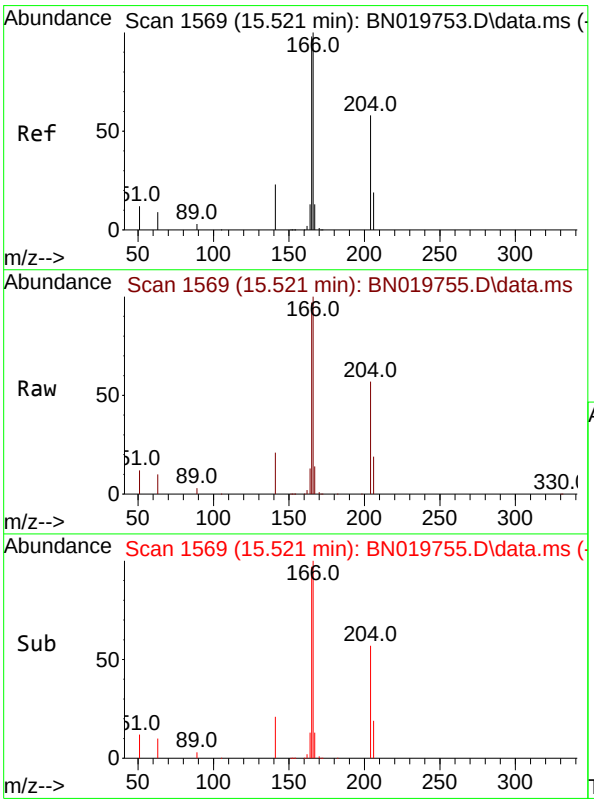
#17
Acenaphthene
Concen: 1.615 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 49362

Ion	Ratio	Lower	Upper
154	100		
153	108.3	87.5	131.3
152	53.7	43.8	65.6

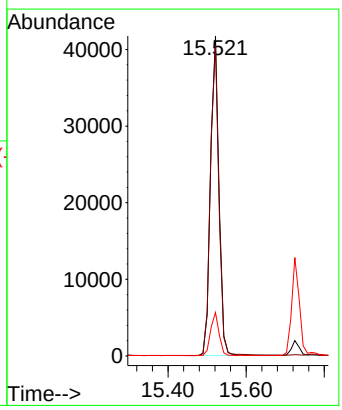


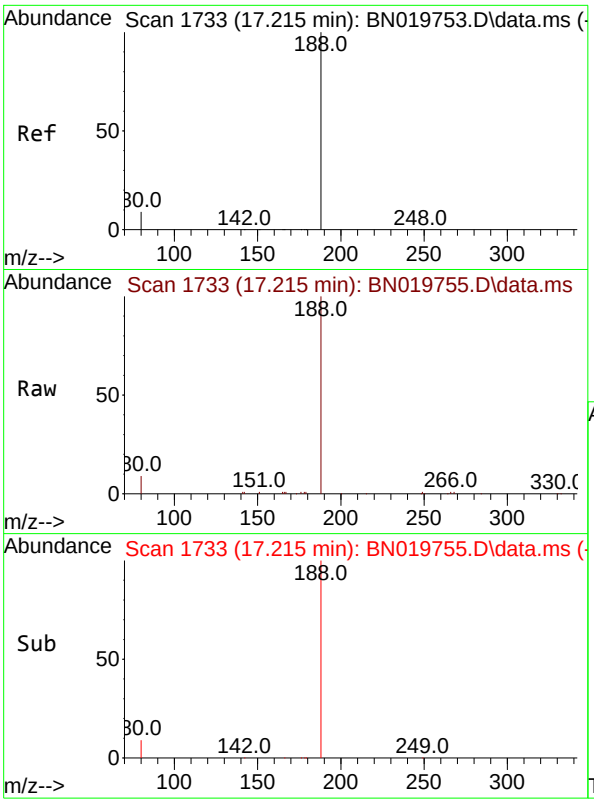


#18
Fluorene
Concen: 1.617 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:166 Resp: 62774

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	13.5	10.8	16.2



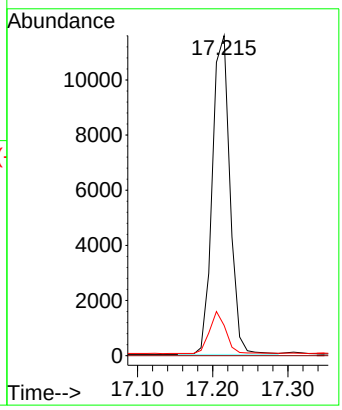


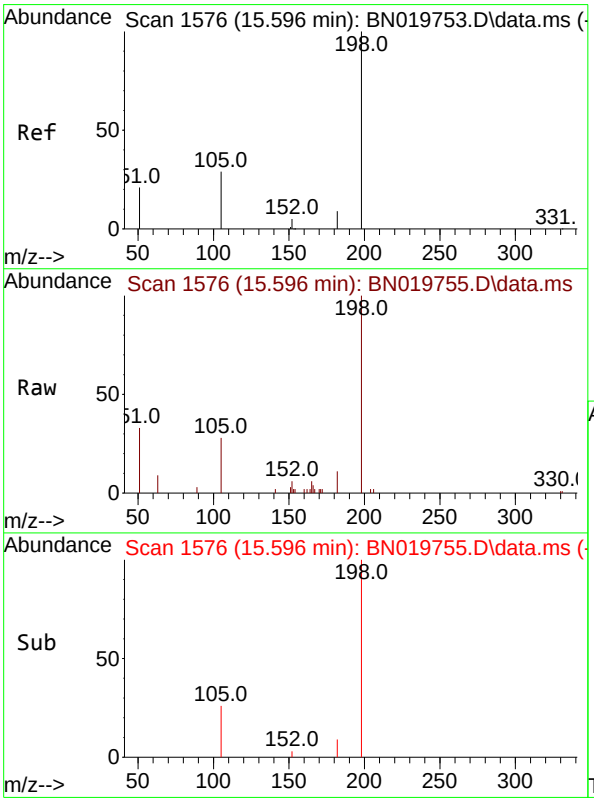
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 18828

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.2

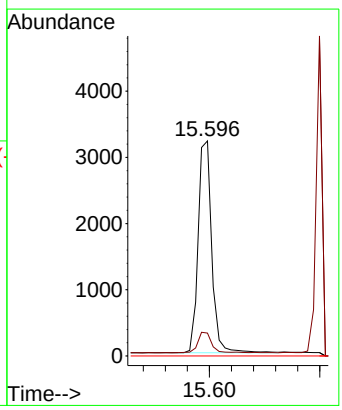


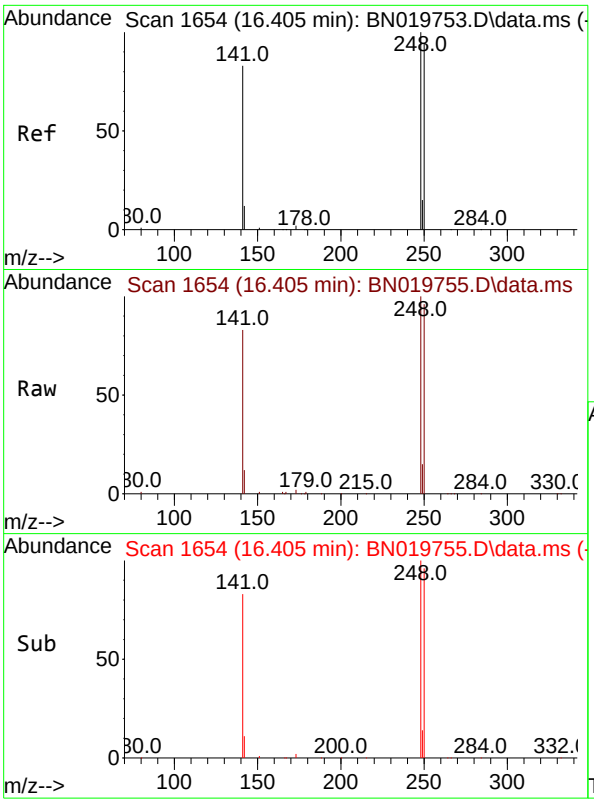


#20
4,6-Dinitro-2-methylphenol
Concen: 2.102 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:198 Resp: 5485

Ion	Ratio	Lower	Upper
198	100		
182	10.6	12.1	18.1#
77	0.0	0.0	0.0



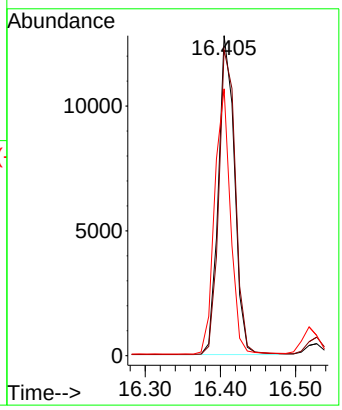


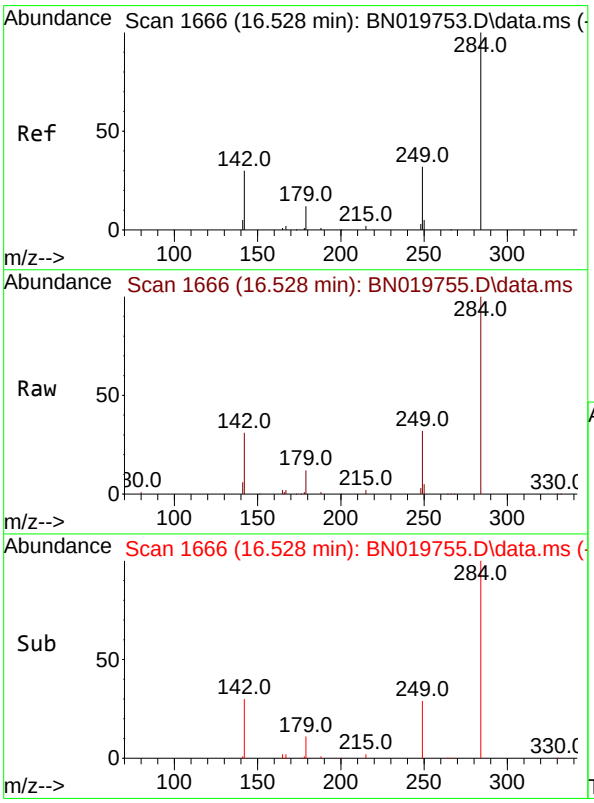
#21
4-Bromophenyl-phenylether
Concen: 1.539 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 18994

Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.3	112.9
141	83.4	67.3	100.9

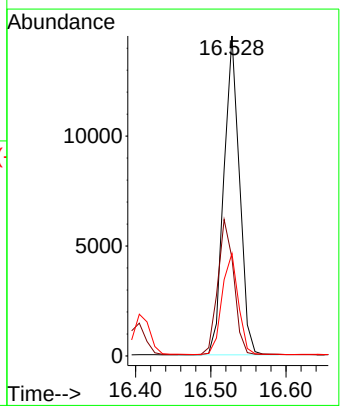


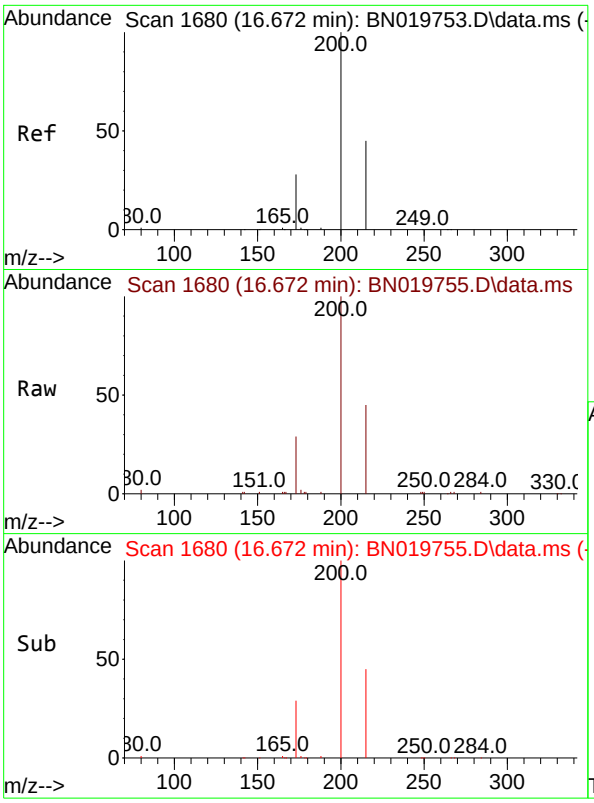


#22
Hexachlorobenzene
Concen: 1.493 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:284 Resp: 20908

Ion	Ratio	Lower	Upper
284	100		
142	43.3	35.2	52.8
249	32.8	26.6	40.0



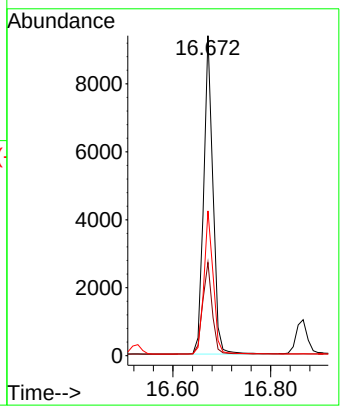


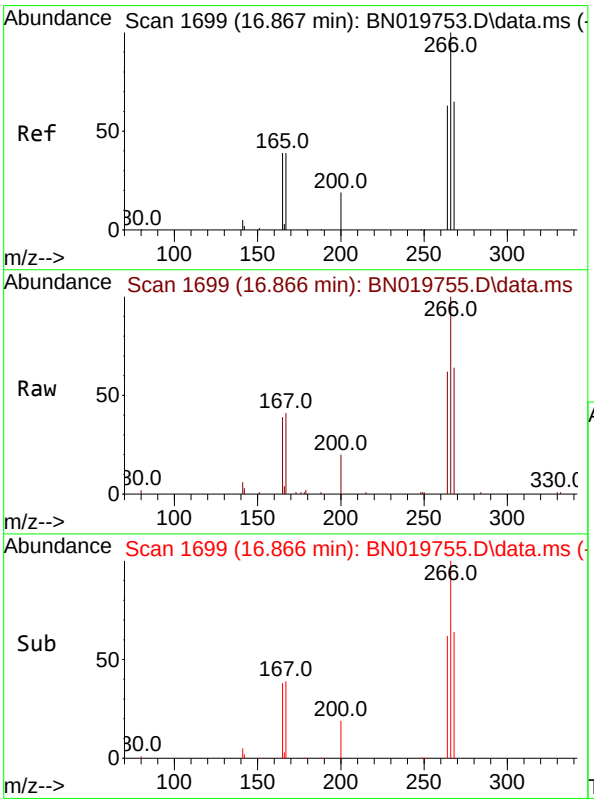
#23
Atrazine
Concen: 1.632 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 12346

Ion	Ratio	Lower	Upper
200	100		
173	29.2	23.6	35.4
215	45.3	36.6	54.8

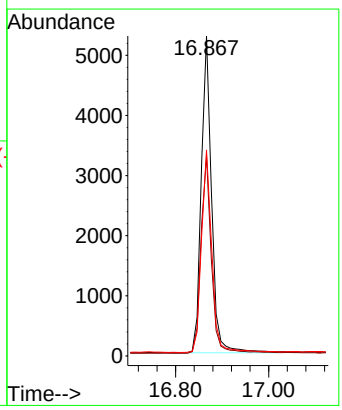


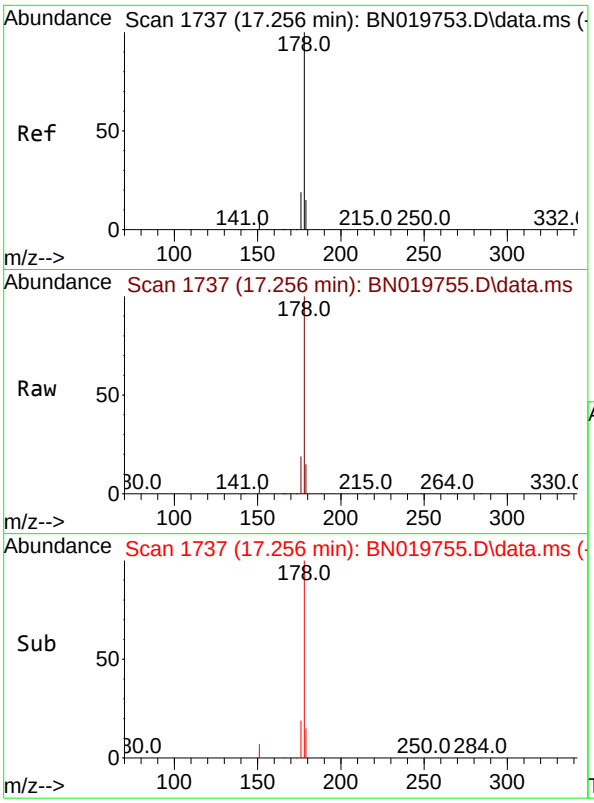


#24
Pentachlorophenol
Concen: 1.916 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.001 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:266 Resp: 8101

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.3	76.9
268	64.5	52.6	79.0



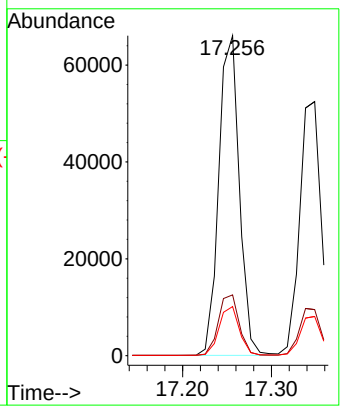


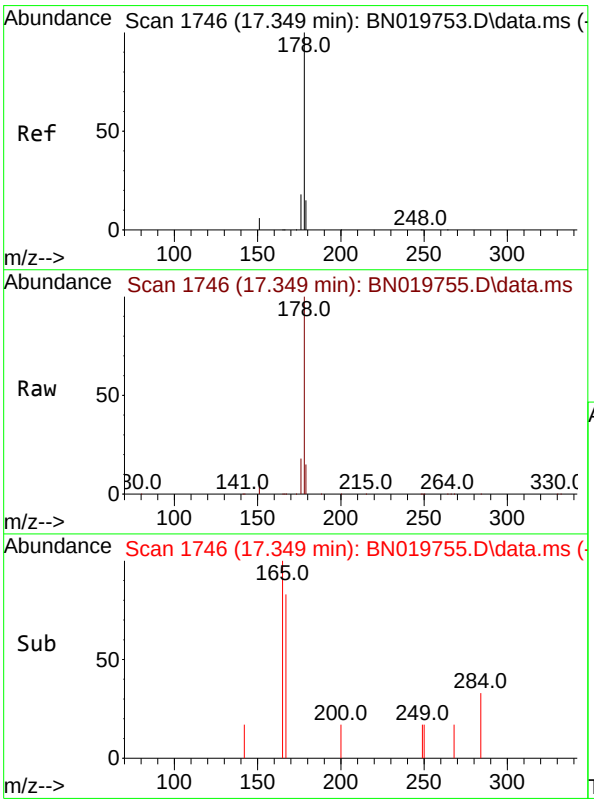
#25
Phenanthrene
Concen: 1.591 ng
RT: 17.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 106121

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.1	12.2	18.4

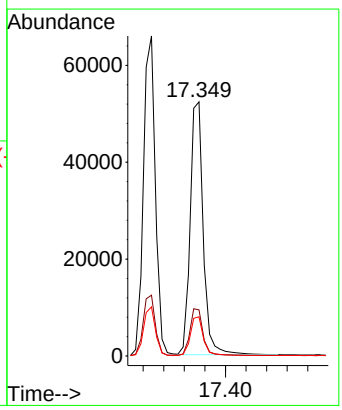


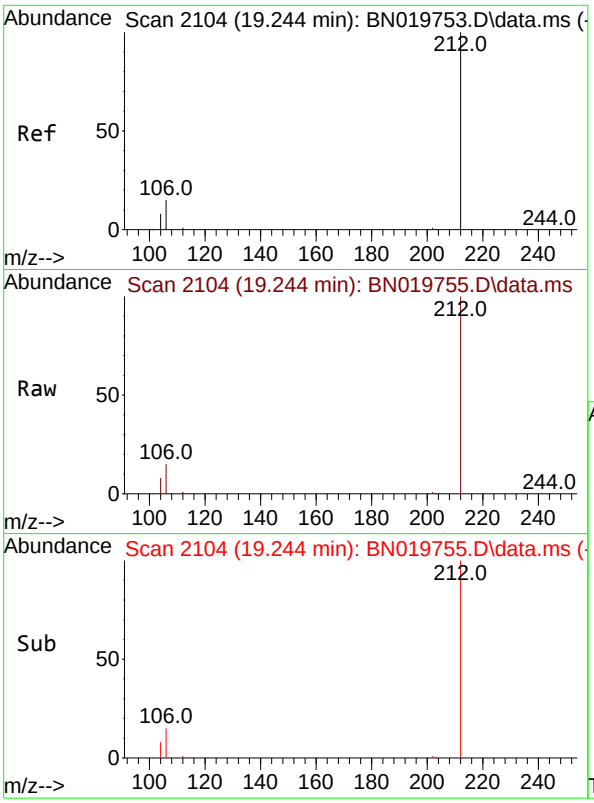


#26
Anthracene
Concen: 1.665 ng
RT: 17.349 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:178 Resp: 91763

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.2	18.4



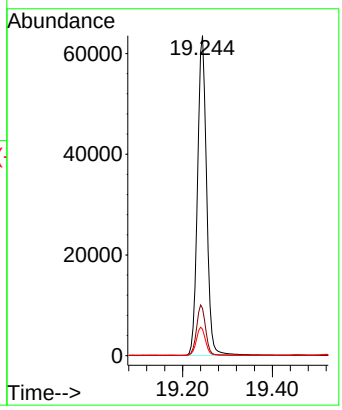


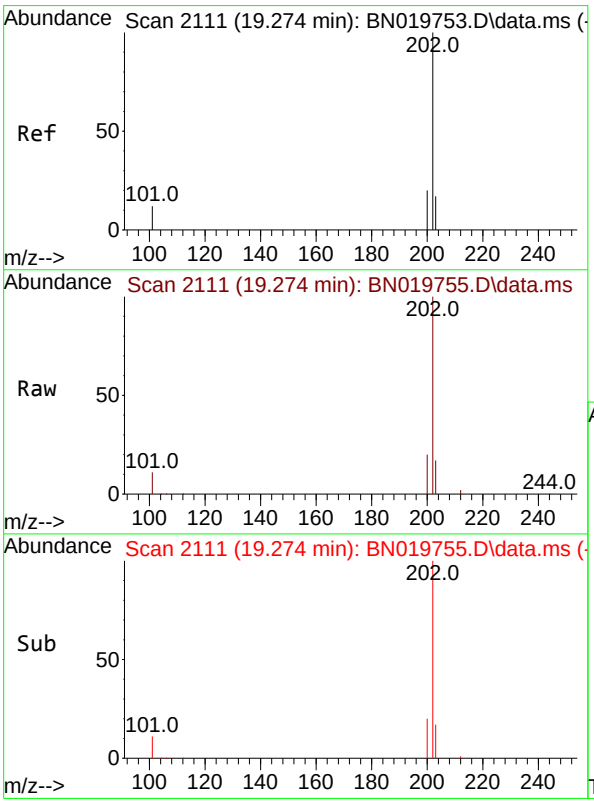
#27
Fluoranthene-d10
Concen: 1.643 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 89193

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.8	7.2	10.8

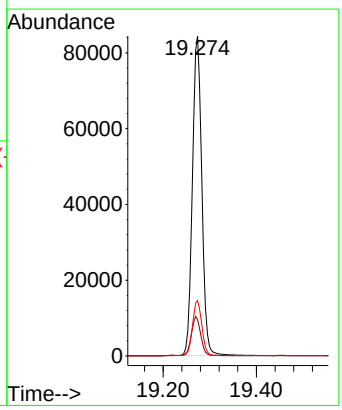


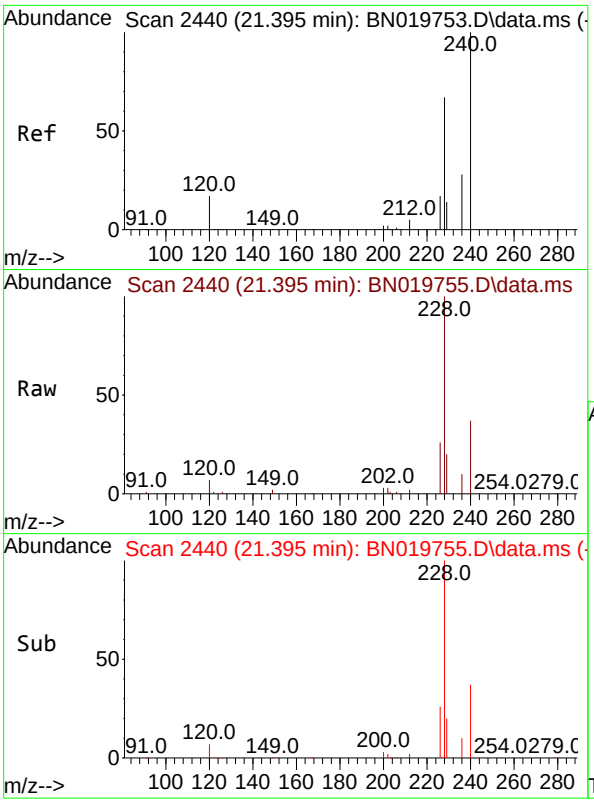


#28
Fluoranthene
Concen: 1.662 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:202 Resp: 118293

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.6	14.4
203	17.1	13.5	20.3



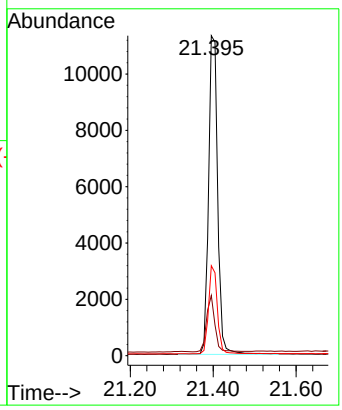


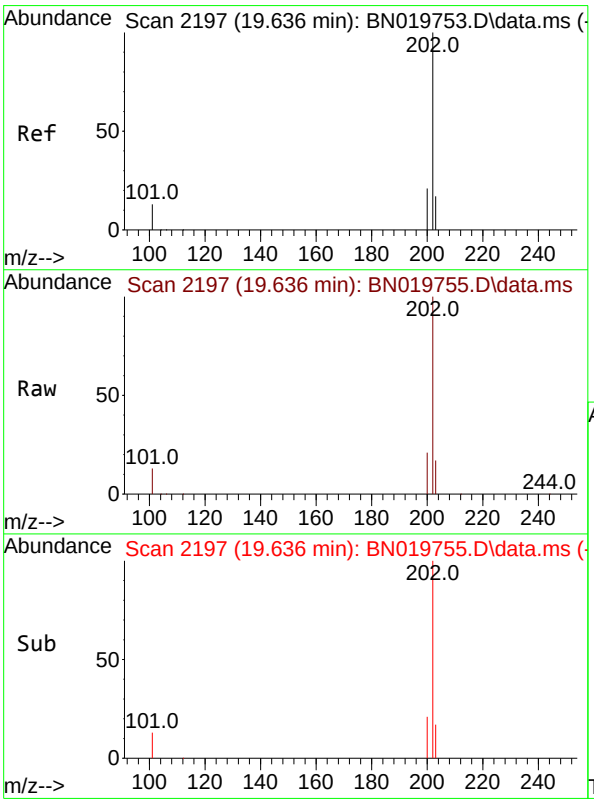
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 17333

Ion	Ratio	Lower	Upper
240	100		
120	18.8	14.6	21.8
236	28.1	22.6	33.8

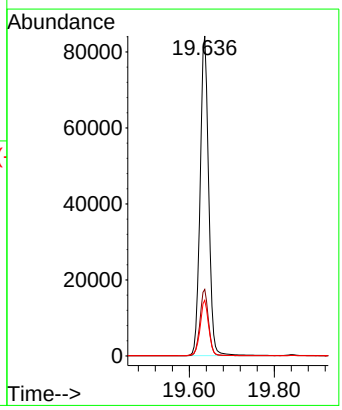


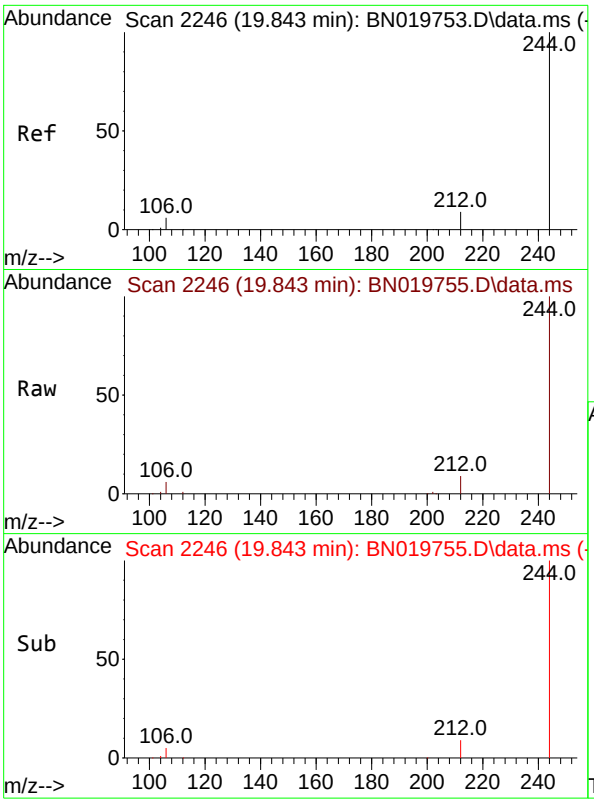


#30
Pyrene
Concen: 1.592 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:202 Resp: 117375

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.5	14.2	21.2



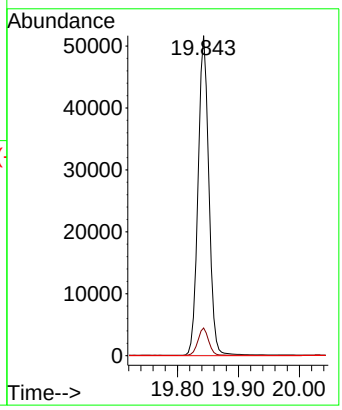


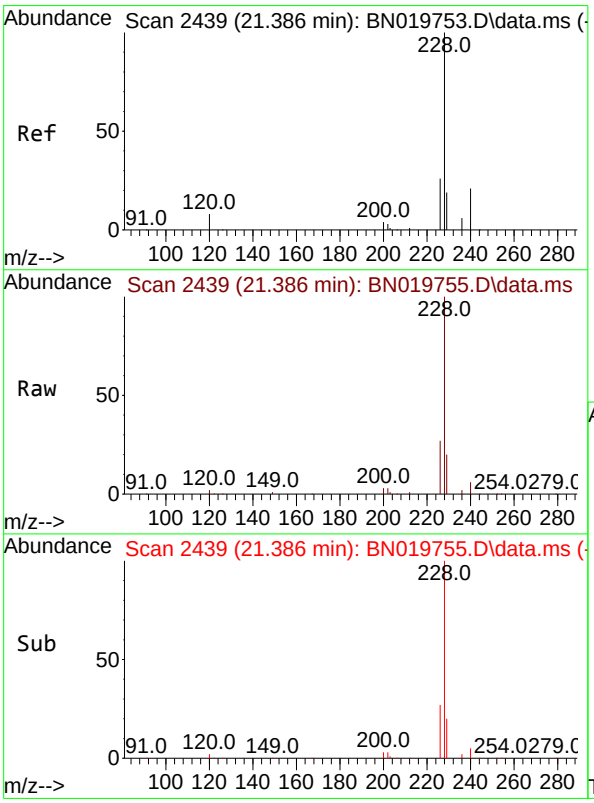
#31
Terphenyl-d14
Concen: 1.579 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 63606

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.1	10.7
122	0.0	0.0	0.0

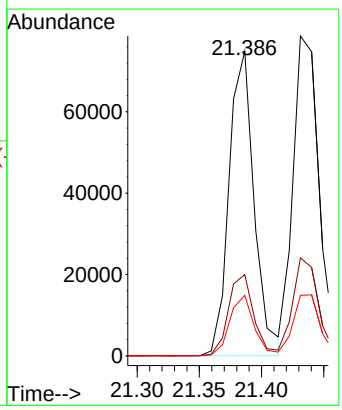


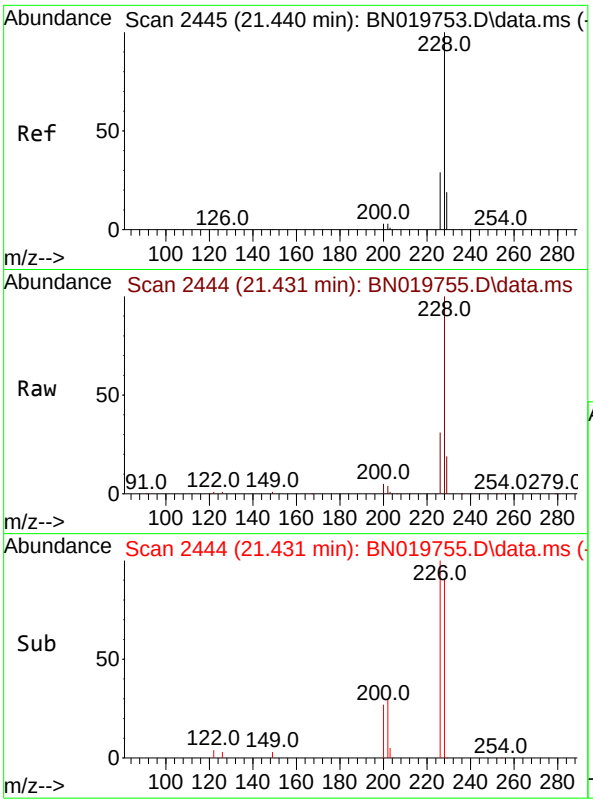


#32
Benzo(a)anthracene
Concen: 1.681 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:228 Resp: 105426

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	19.9	15.6	23.4



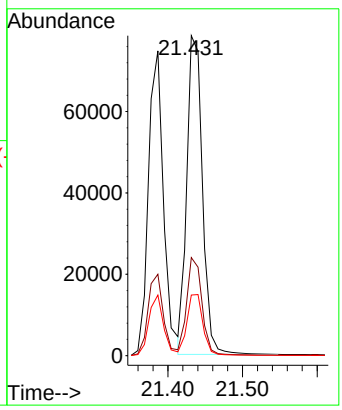


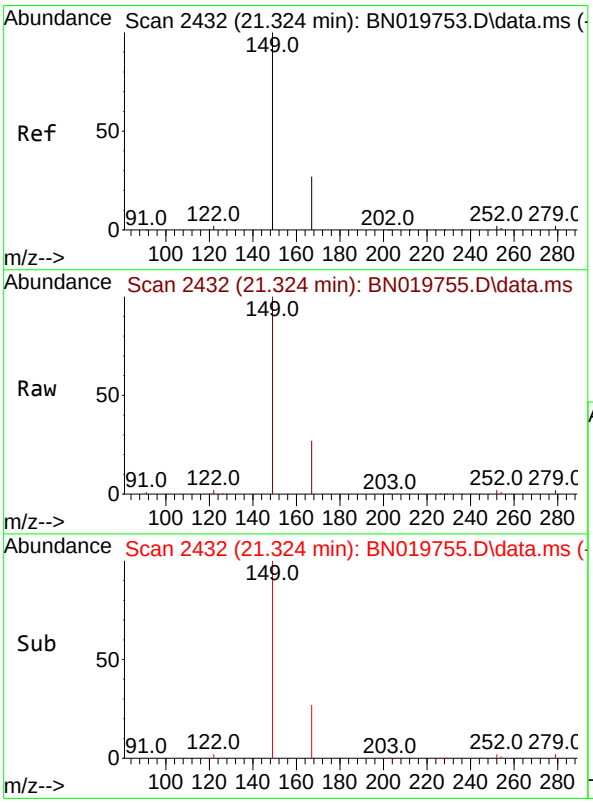
#33
Chrysene
Concen: 1.561 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 114194

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.0	15.7	23.5

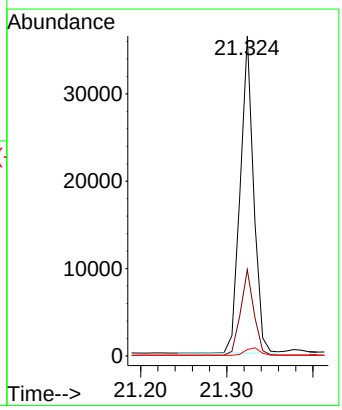


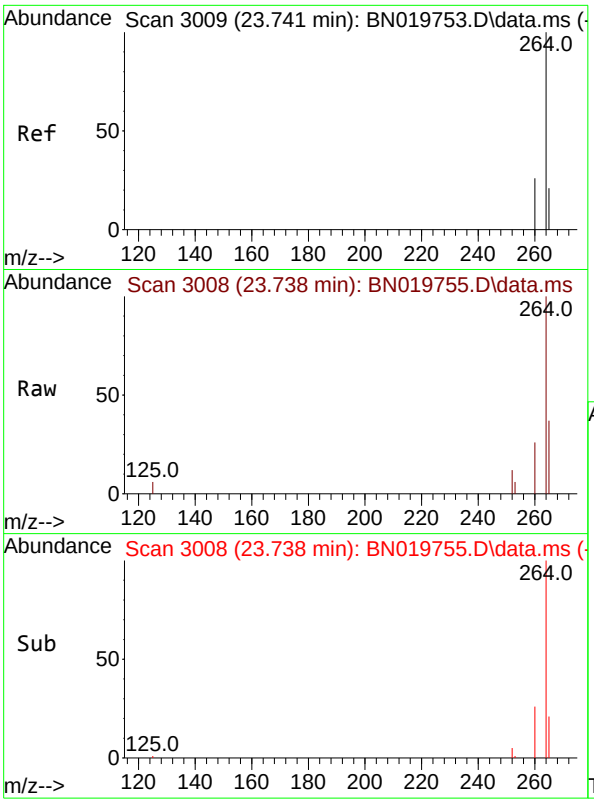


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.392 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:149 Resp: 39248

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	2.7	2.2	3.2



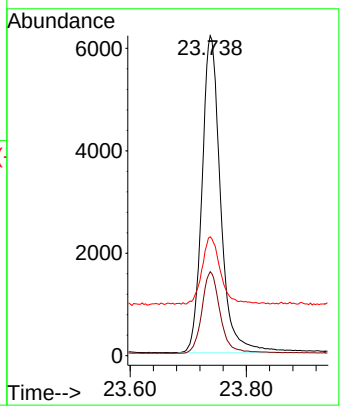


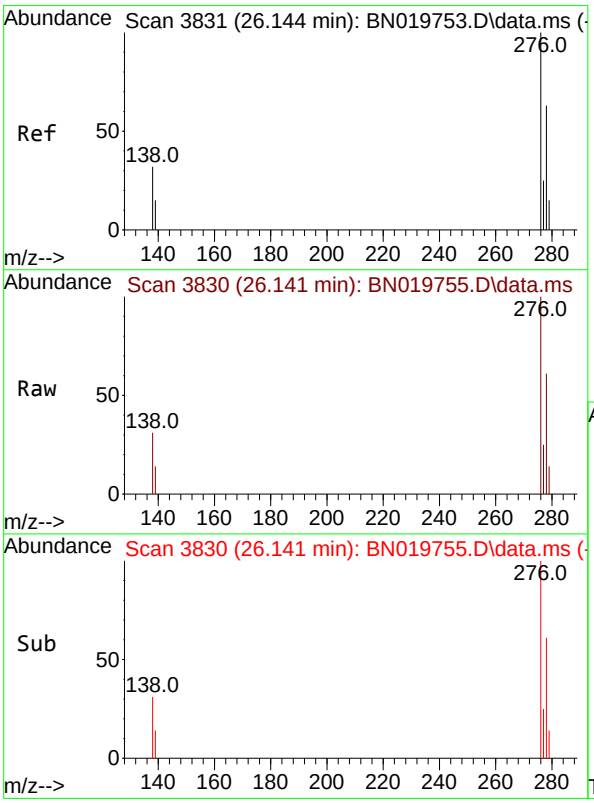
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 13738

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.9	31.3
265	37.2	28.0	42.0

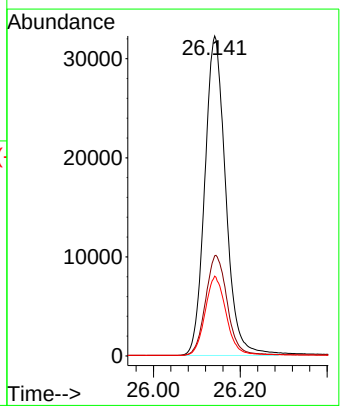


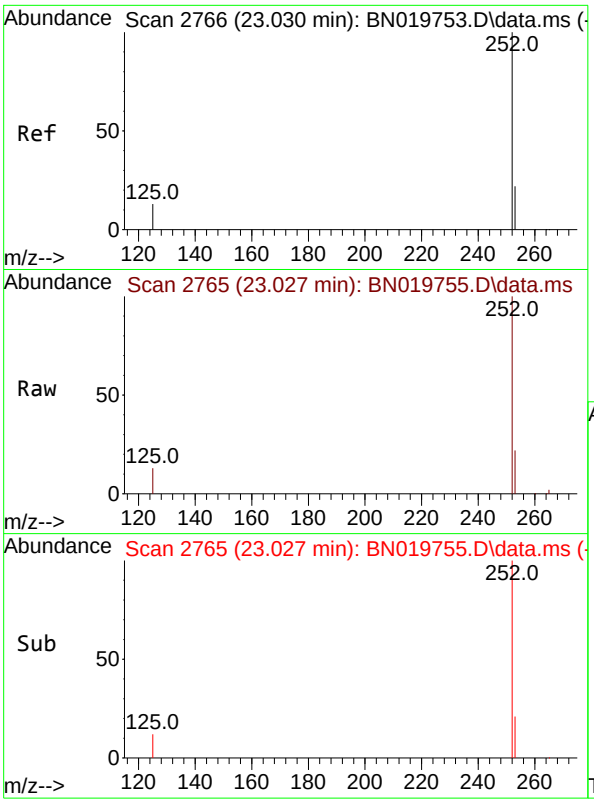


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.552 ng
RT: 26.141 min Scan# 3830
Delta R.T. -0.012 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:276 Resp: 107958

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.9	38.9
277	24.9	19.8	29.8



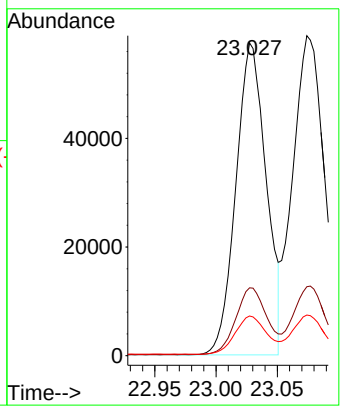


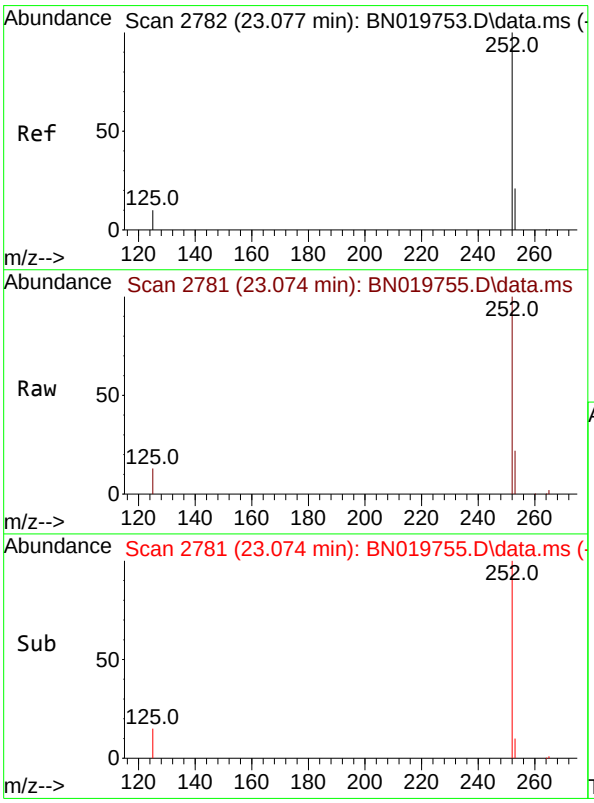
#37
Benzo(b)fluoranthene
Concen: 1.600 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 98740

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	12.7	11.4	17.0

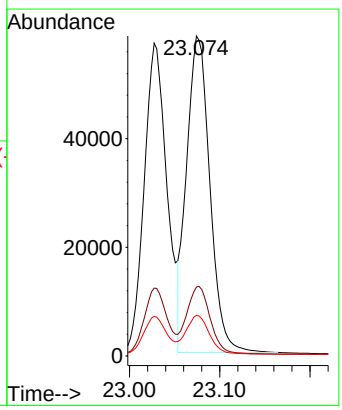


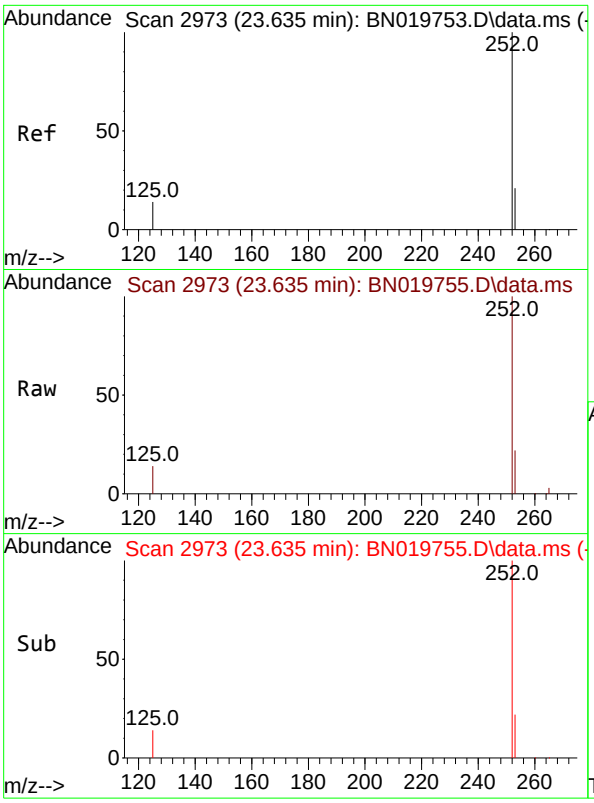


#38
Benzo(k)fluoranthene
Concen: 1.627 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:252 Resp: 104317

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	12.7	11.0	16.4



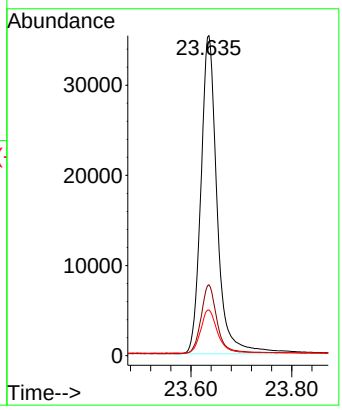


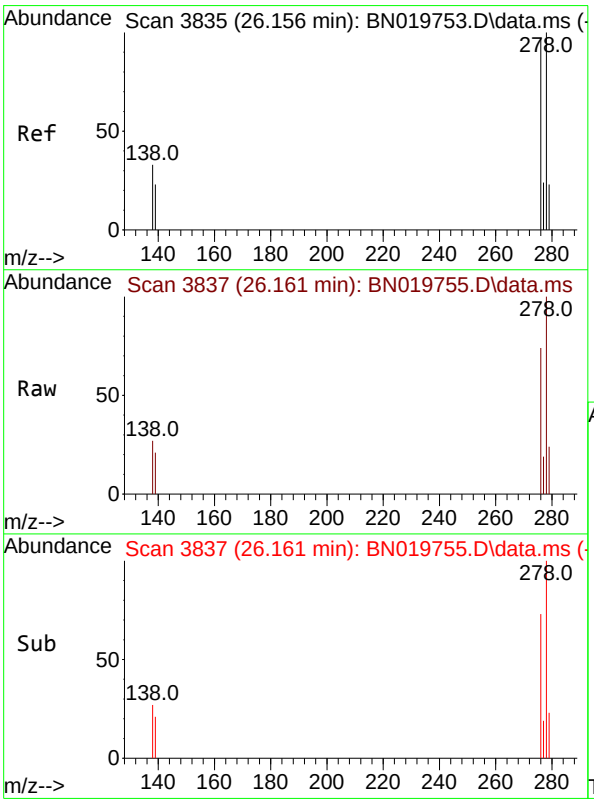
#39
Benzo(a)pyrene
Concen: 1.650 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 78708

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.4
125	14.3	13.8	20.8

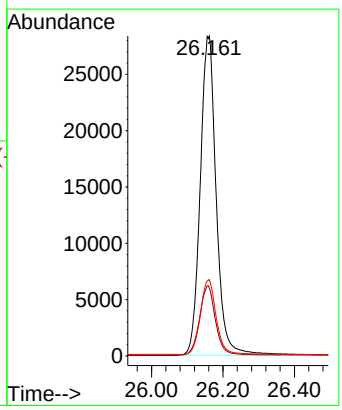


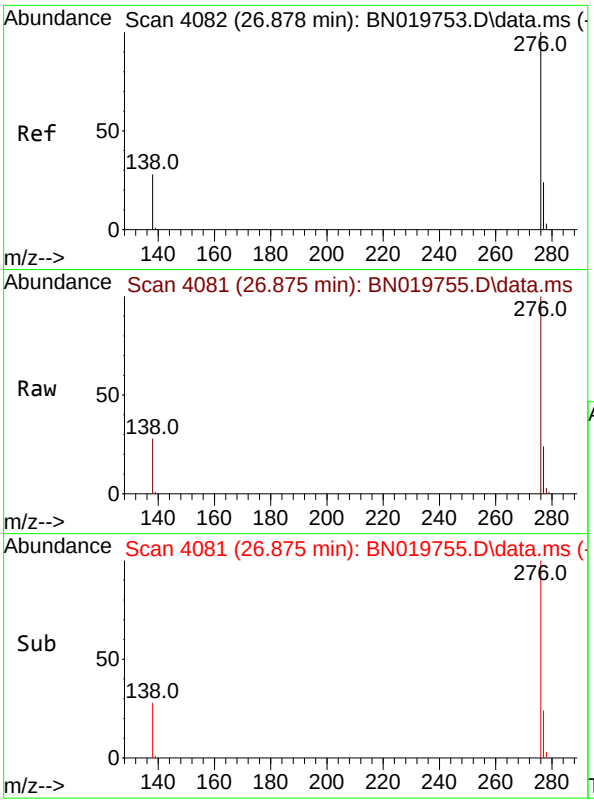


#40
Dibenzo(a,h)anthracene
Concen: 1.548 ng
RT: 26.161 min Scan# 3837
Delta R.T. -0.009 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Tgt Ion:278 Resp: 88077

Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.6	28.0
279	23.9	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 1.495 ng
RT: 26.875 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019755.D
Acq: 12 May 2022 18:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 88666

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	28.0	22.6	34.0