Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021575.D
Acq On : 02 Sep 2022 23:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 03 03:11:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4563	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	14693	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8330	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	17225	0.400	ng	0.00
29) Chrysene-d12	21.655	240	11151	0.400	ng	0.00
35) Perylene-d12	24.170	264	7473	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	3876	0.434	ng	0.00
5) Phenol-d6	7.216	99	4850	0.426	ng	0.00
8) Nitrobenzene-d5	9.243	82	3904	0.393	ng	0.00
11) 2-Methylnaphthalene-d10	12.482	152	14970	0.452	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1018	0.372	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	14355	0.394	ng	0.00
27) Fluoranthene-d10	19.497	212	16457	0.372	ng	0.00
31) Terphenyl-d14	20.088	244	11061	0.441	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2411	0.422	ng	# 89
3) n-Nitrosodimethylamine	3.743	42	2223	0.432	ng	# 89
6) bis(2-Chloroethyl)ether	7.484	93	5861	0.409	ng	97
9) Naphthalene	10.951	128	17420	0.400	ng	99
10) Hexachlorobutadiene	11.229	225	3003	0.399	ng	# 99
12) 2-Methylnaphthalene	12.183	142	2390	0.456	ng	98
16) Acenaphthylene	14.440	152	15003	0.384	ng	100
17) Acenaphthene	14.782	154	10891	0.396	ng	99
18) Fluorene	15.765	166	13524	0.398	ng	100
21) 4-Bromophenyl-phenylether	16.659	248	4162	0.386	ng	99
22) Hexachlorobenzene	16.772	284	5145	0.390	ng	99
23) Atrazine	16.916	200	2293	0.365	ng	97
24) Pentachlorophenol	17.121	266	819	0.409	ng	97
25) Phenanthrene	17.511	178	23057	0.388	ng	100
26) Anthracene	17.603	178	17768	0.376	ng	99
28) Fluoranthene	19.527	202	22813	0.369	ng	100
30) Pyrene	19.889	202	25076	0.422	ng	97
32) Benzo(a)anthracene	21.637	228	15134	0.390	ng	100
33) Chrysene	21.691	228	18468	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	21.548	149	6863	0.439	ng	98
36) Indeno(1,2,3-cd)pyrene	26.819	276	13293	0.394	ng	100
37) Benzo(b)fluoranthene	23.396	252	14536	0.395	ng	99
38) Benzo(k)fluoranthene	23.445	252	14187	0.383	ng	99
39) Benzo(a)pyrene	24.056	252	10420	0.405	ng	99
40) Dibenzo(a,h)anthracene	26.845	278	10512	0.387	ng	96
41) Benzo(g,h,i)perylene	27.635	276	11198	0.376	ng	99

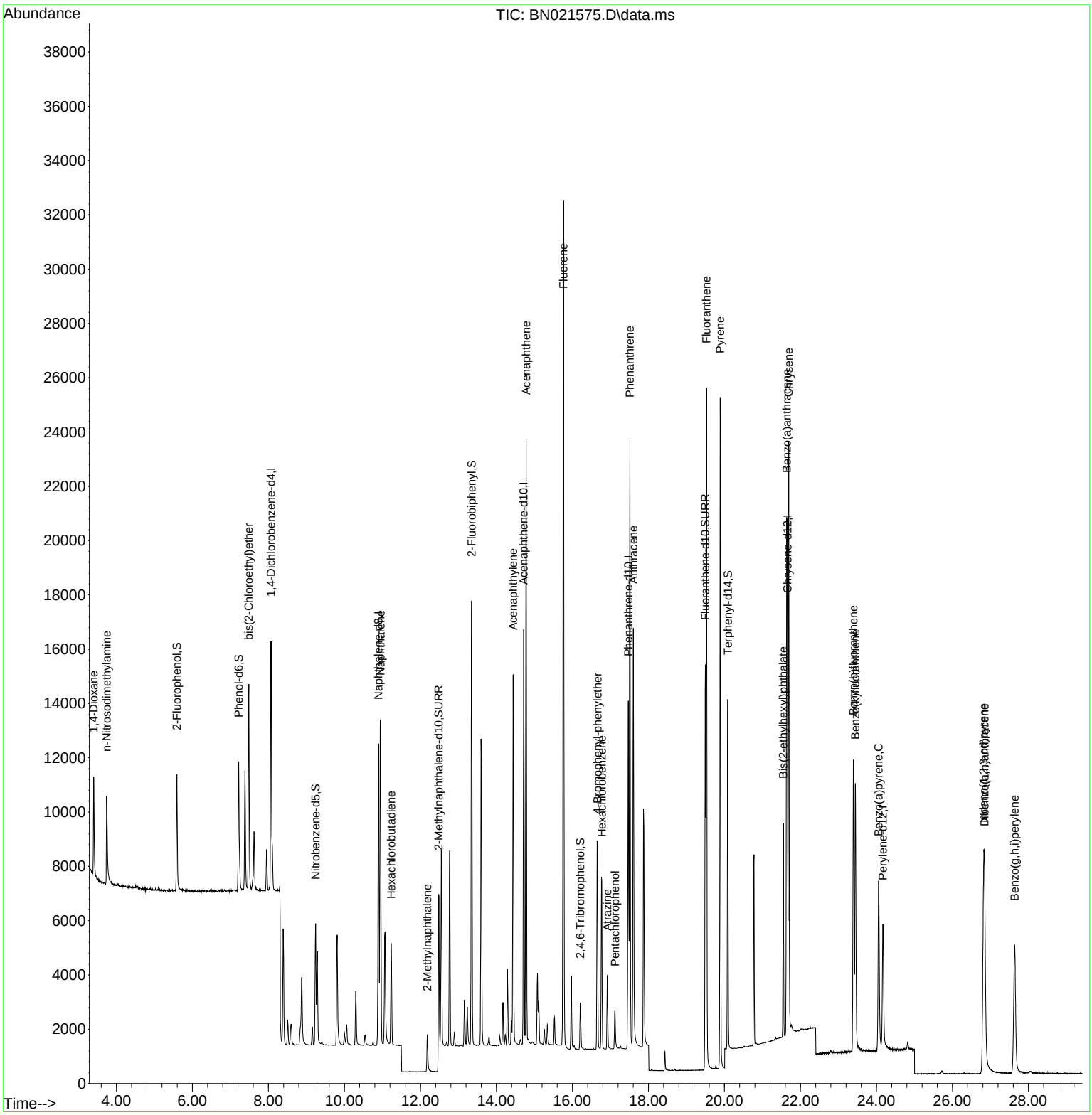
(#) = qualifier out of range (m) = manual integration (+) = signals summed

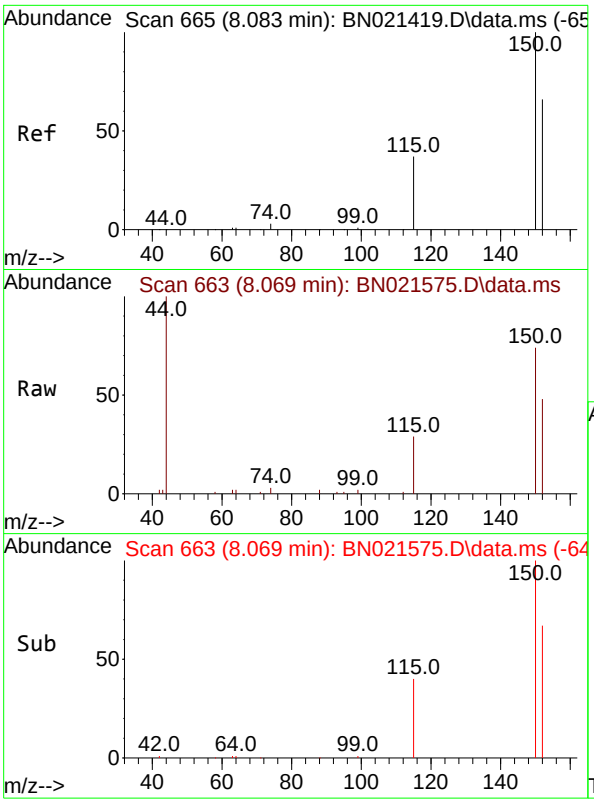
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021575.D
Acq On : 02 Sep 2022 23:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 03 03:11:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



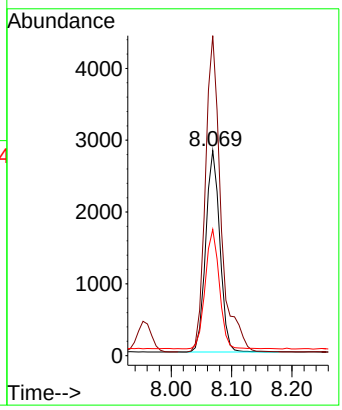


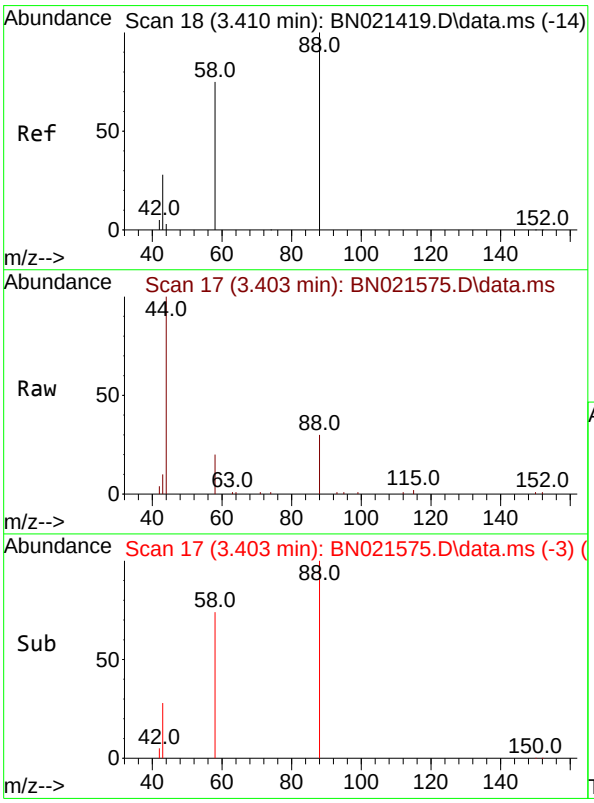
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4563

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.4	182.0
115	61.5	48.6	72.8

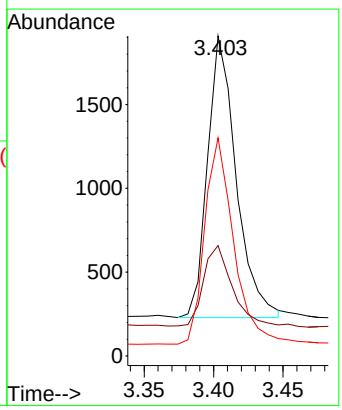


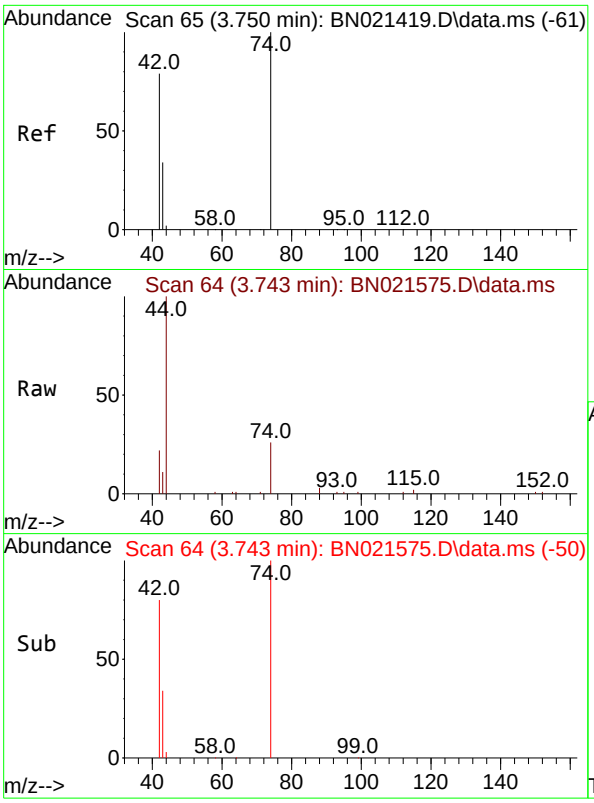


#2
1,4-Dioxane
Concen: 0.422 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion: 88 Resp: 2411

Ion	Ratio	Lower	Upper
88	100		
43	28.4	35.8	53.8#
58	73.8	57.1	85.7



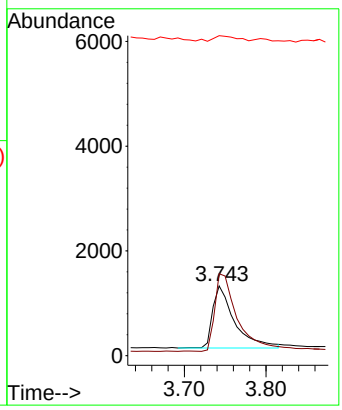


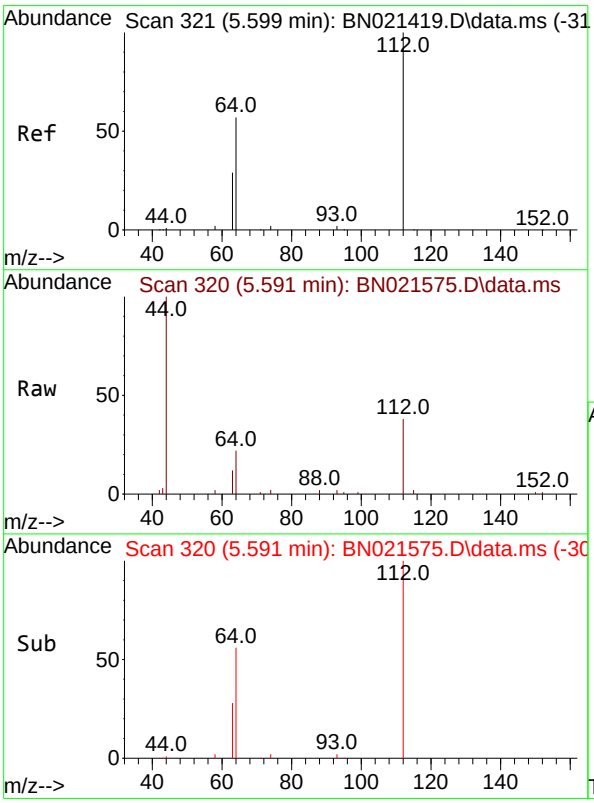
#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2223

Ion	Ratio	Lower	Upper
42	100		
74	128.0	113.0	169.6
44	8.5	10.5	15.7#

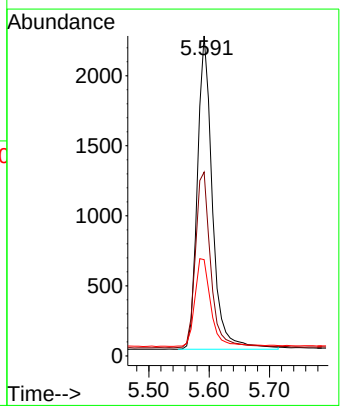


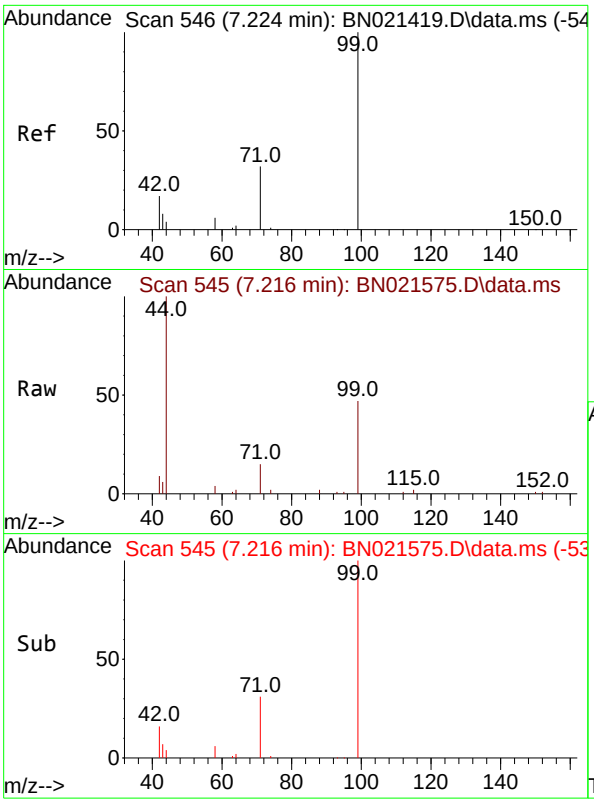


#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.591 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:112 Resp: 3876

Ion	Ratio	Lower	Upper
112	100		
64	57.3	43.5	65.3
63	29.6	22.6	34.0



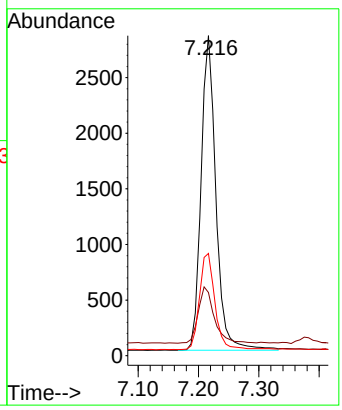


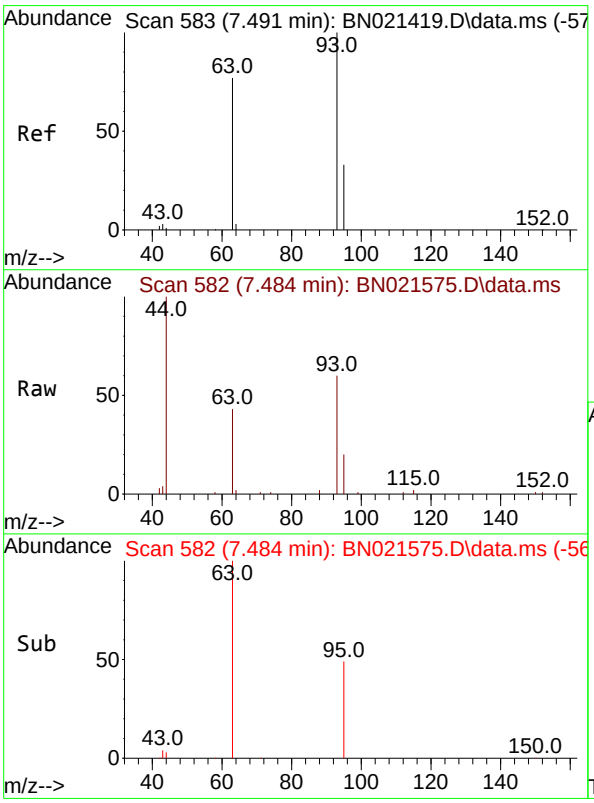
#5
Phenol-d6
Concen: 0.426 ng
RT: 7.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4850

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.5	23.3
71	31.9	24.2	36.2

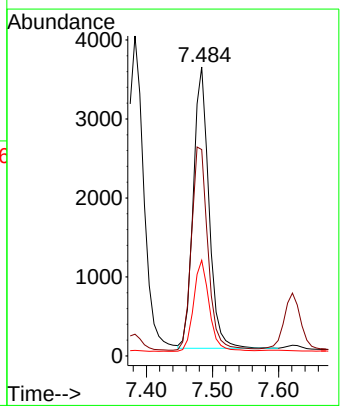


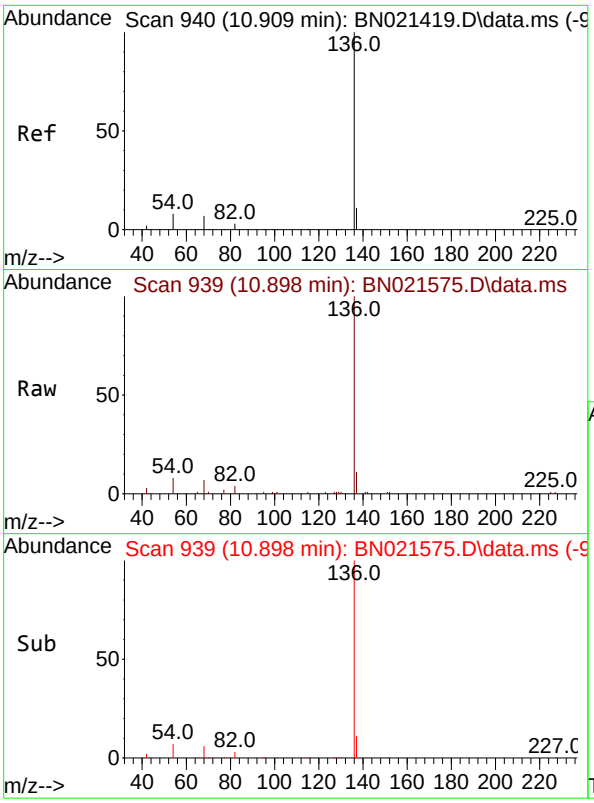


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.484 min Scan# 582
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion: 93 Resp: 5861

Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.8	86.8
95	32.5	25.9	38.9



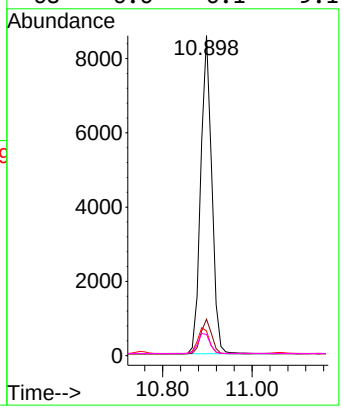


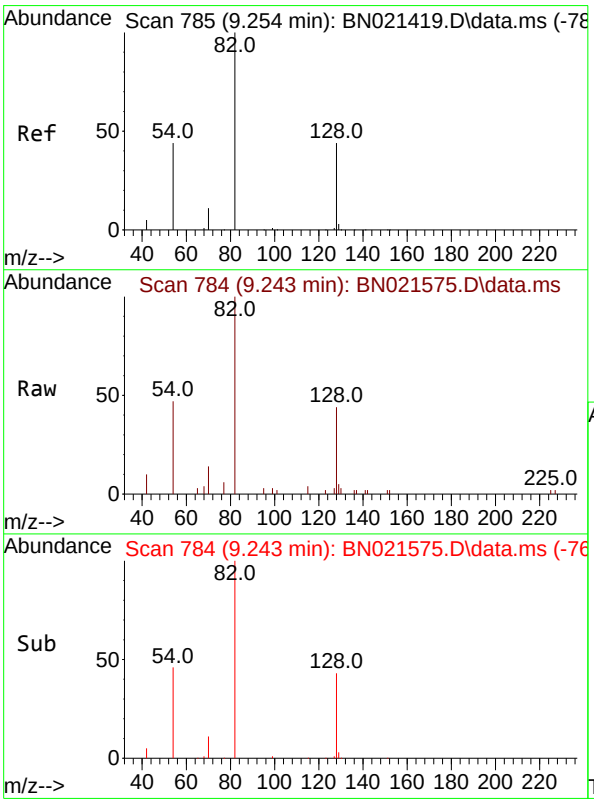
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14693

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.7	6.9	10.3
68	6.6	6.1	9.1

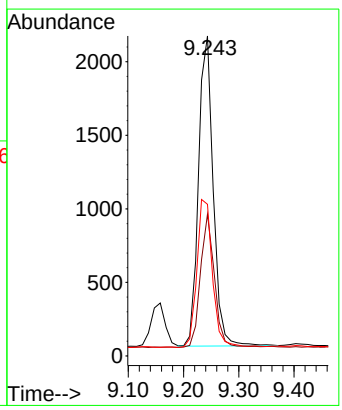


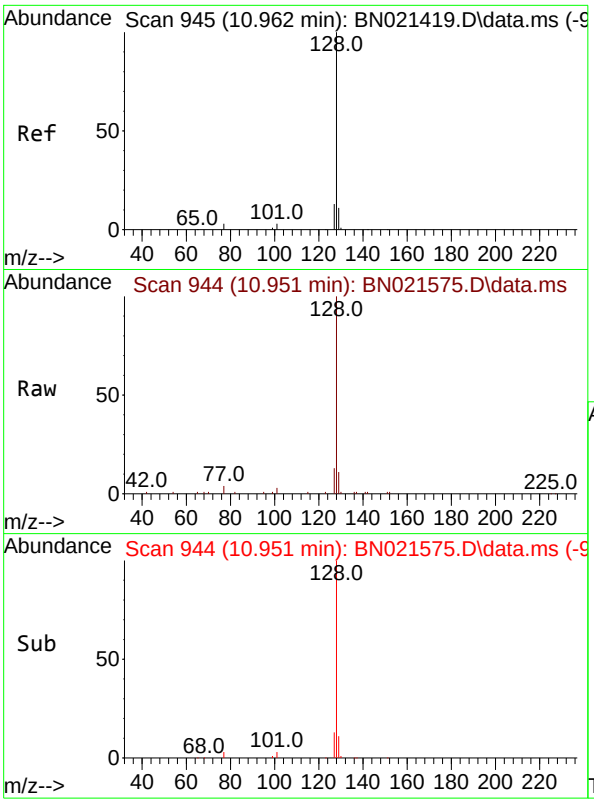


#8
Nitrobenzene-d5
Concen: 0.393 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion: 82 Resp: 3904

Ion	Ratio	Lower	Upper
82	100		
128	44.3	30.9	46.3
54	47.4	42.7	64.1



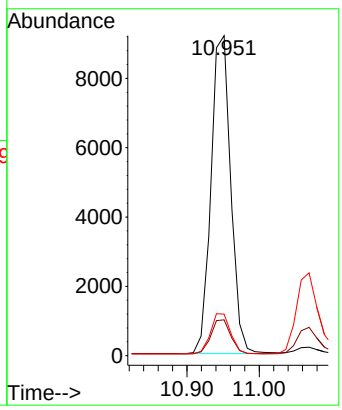


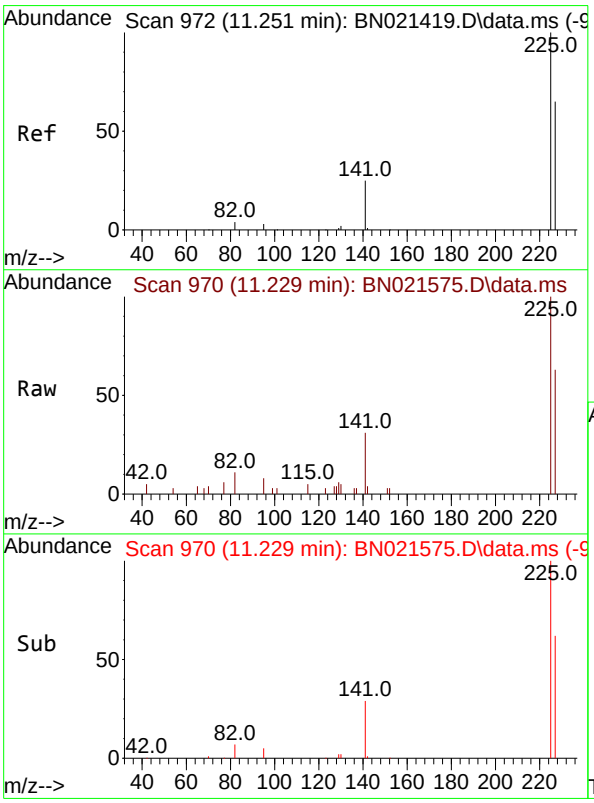
#9
Naphthalene
Concen: 0.400 ng
RT: 10.951 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17420

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.0	11.0	16.4

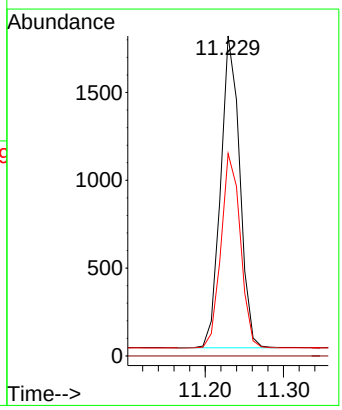


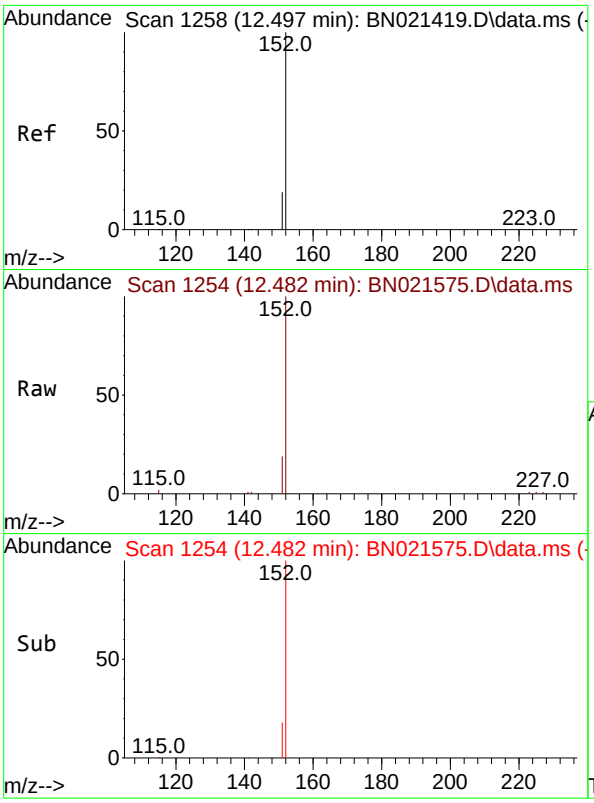


#10
Hexachlorobutadiene
Concen: 0.399 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.011 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:225 Resp: 3003

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.2	76.8



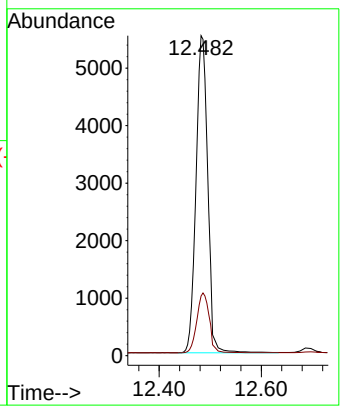


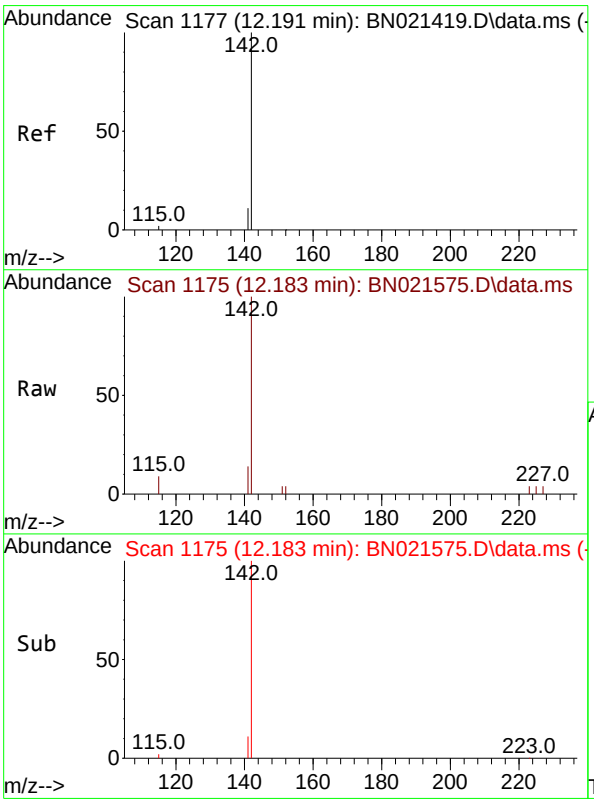
#11
2-Methylnaphthalene-d10
Concen: 0.452 ng
RT: 12.482 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14970

Ion	Ratio	Lower	Upper
152	100		
151	17.2	14.5	21.7

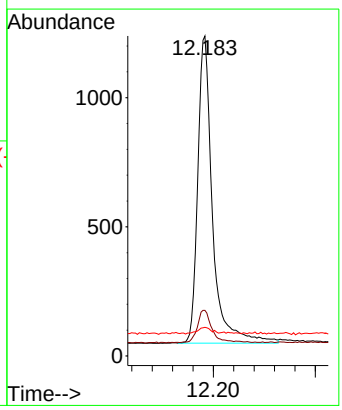


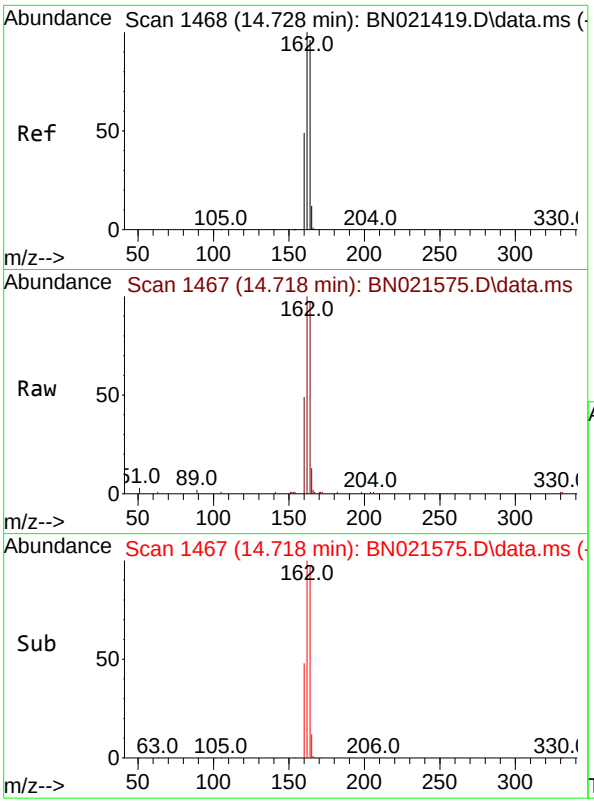


#12
2-Methylnaphthalene
Concen: 0.456 ng
RT: 12.183 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:142 Resp: 2390

Ion	Ratio	Lower	Upper
142	100		
141	14.3	12.2	18.2
115	9.0	7.9	11.9



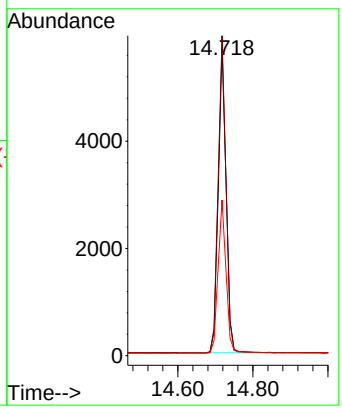


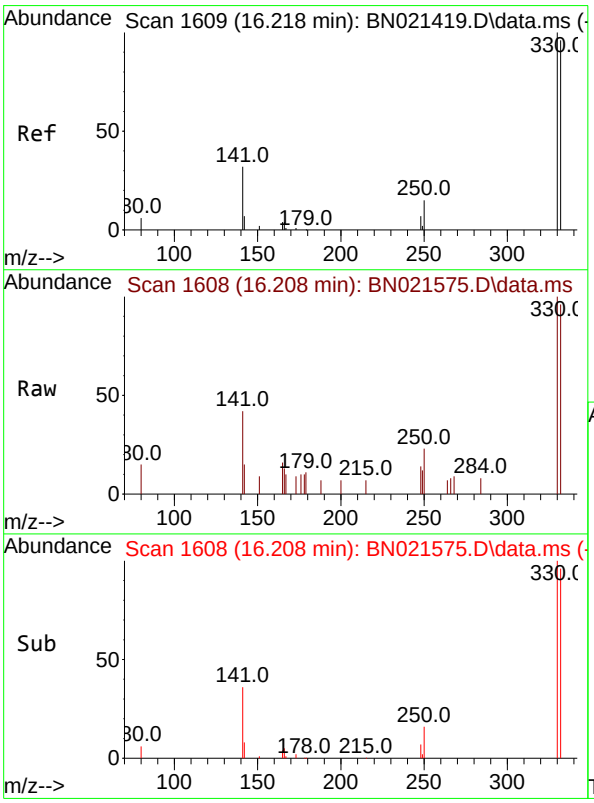
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8330

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.4
160	50.3	39.5	59.3

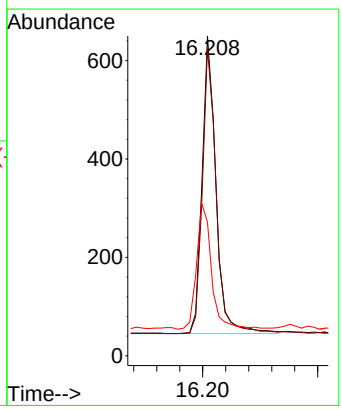


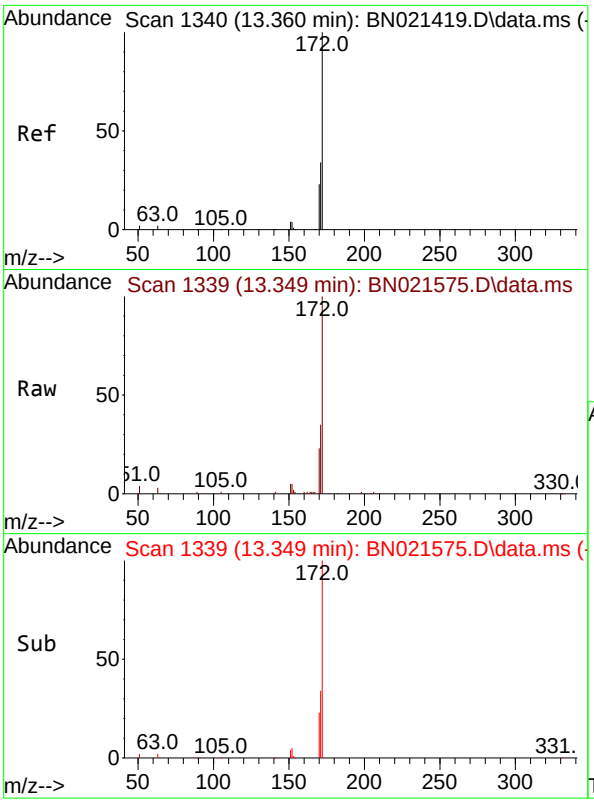


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:330 Resp: 1018

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.3	118.9
141	45.0	37.1	55.7



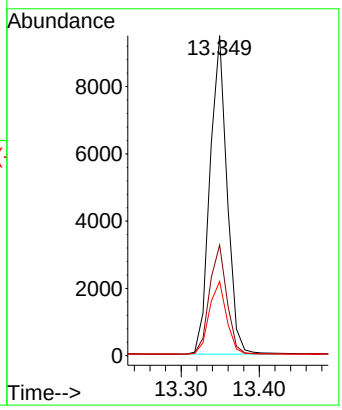


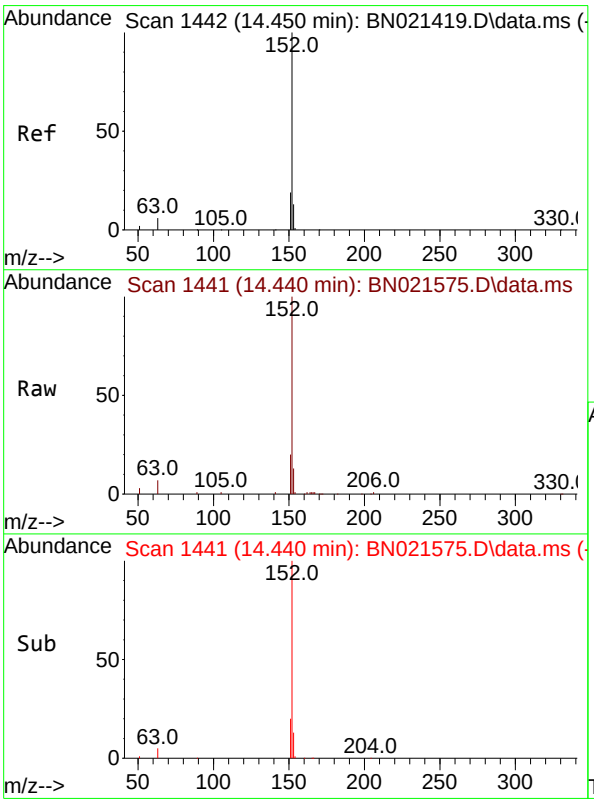
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14355

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0

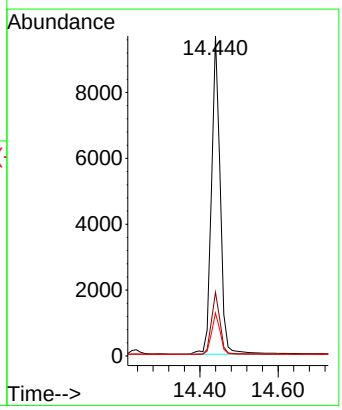


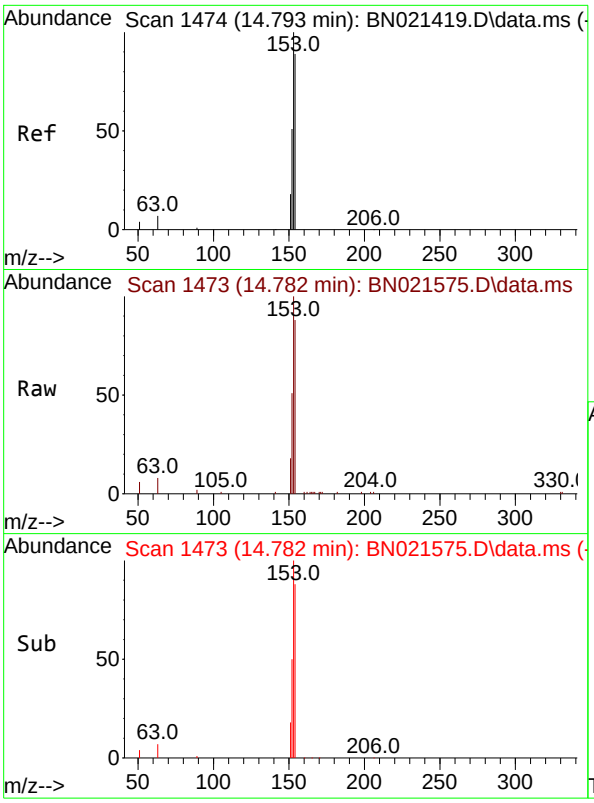


#16
Acenaphthylene
Concen: 0.384 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:152 Resp: 15003

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.0	10.3	15.5



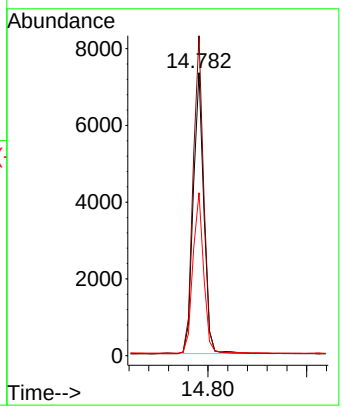


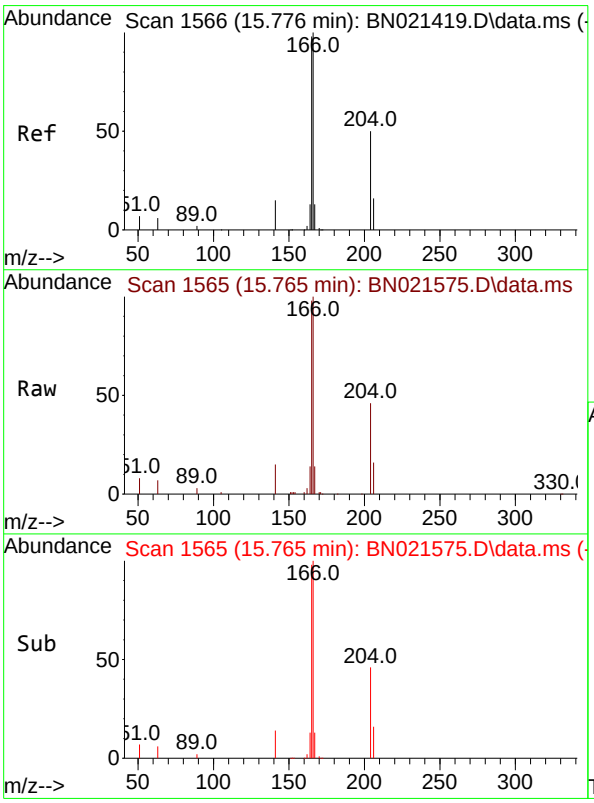
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.782 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10891

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	58.1	45.5	68.3

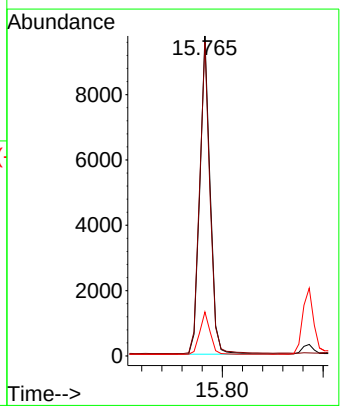


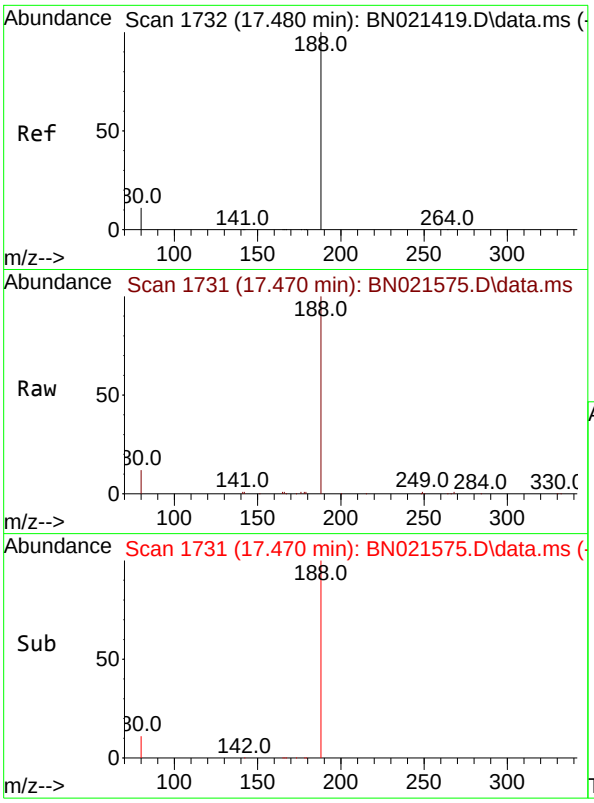


#18
Fluorene
Concen: 0.398 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:166 Resp: 13524

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.7	118.1
167	13.5	10.6	16.0



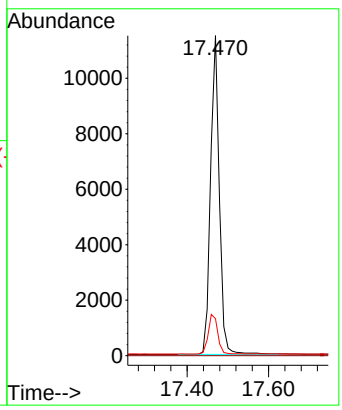


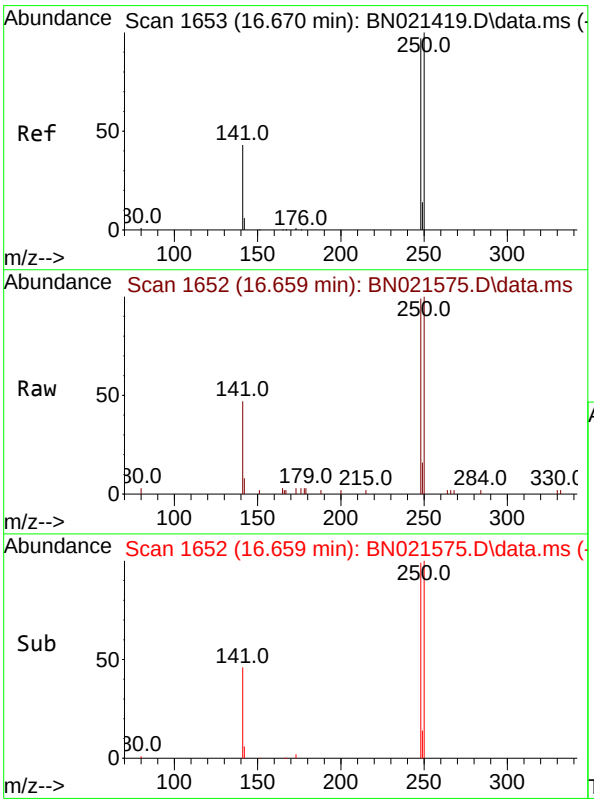
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 17225

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	9.5	14.3

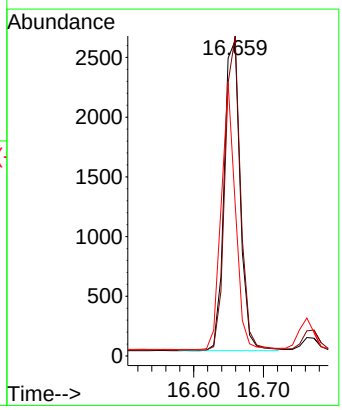


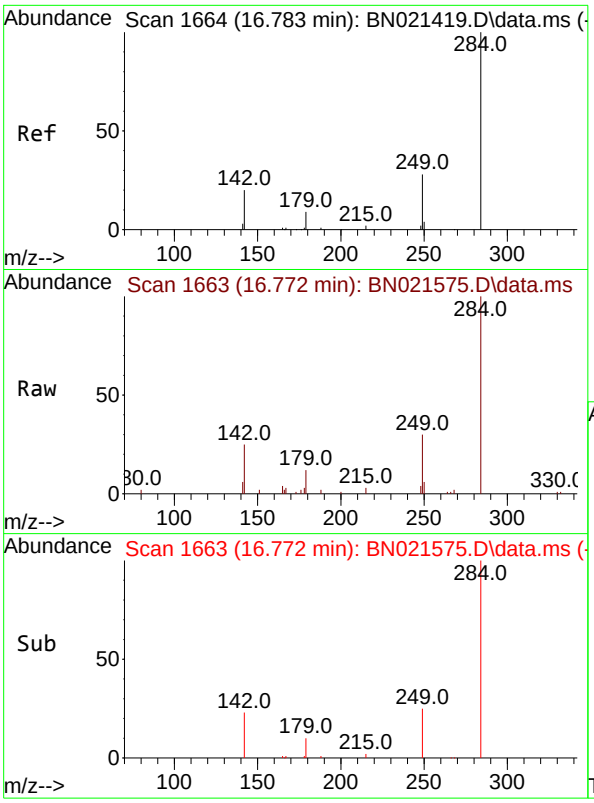


#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.659 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:248 Resp: 4162

Ion	Ratio	Lower	Upper
248	100		
250	101.5	81.8	122.6
141	48.2	38.5	57.7



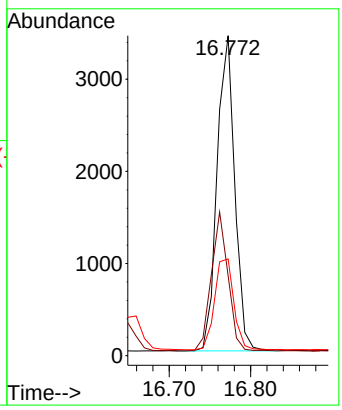


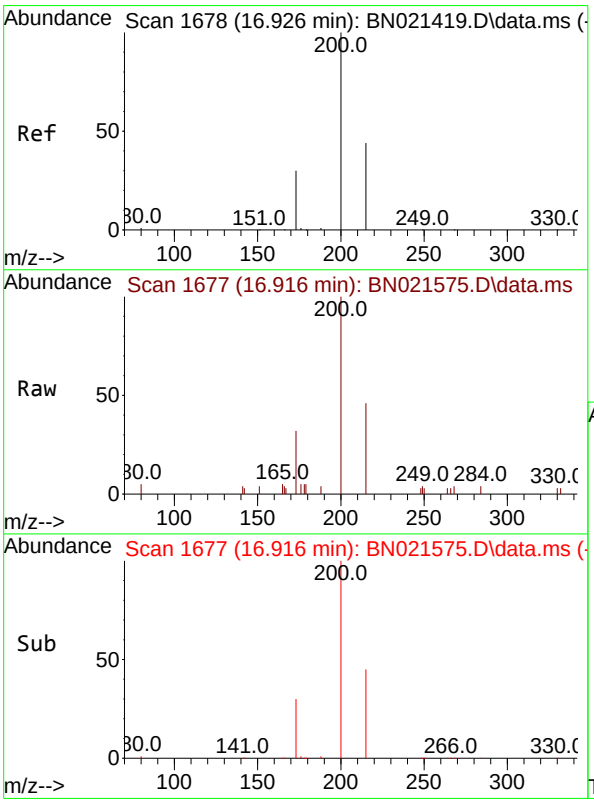
#22
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5145

Ion	Ratio	Lower	Upper
284	100		
142	41.5	32.3	48.5
249	31.3	25.4	38.2

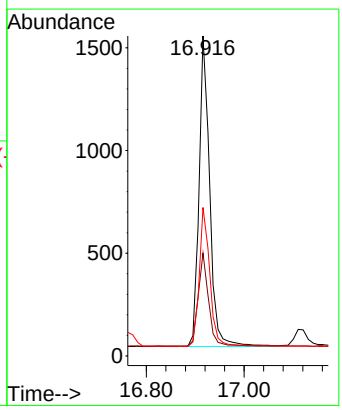


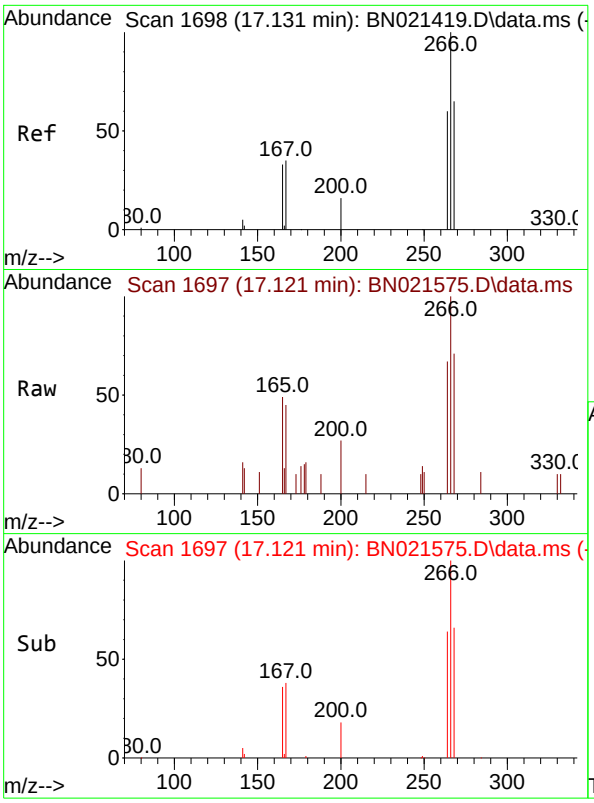


#23
Atrazine
Concen: 0.365 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.010 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:200 Resp: 2293

Ion	Ratio	Lower	Upper
200	100		
173	32.2	24.3	36.5
215	46.4	38.4	57.6



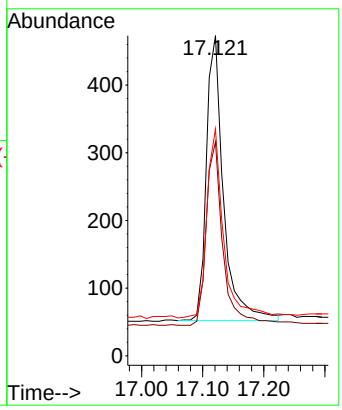


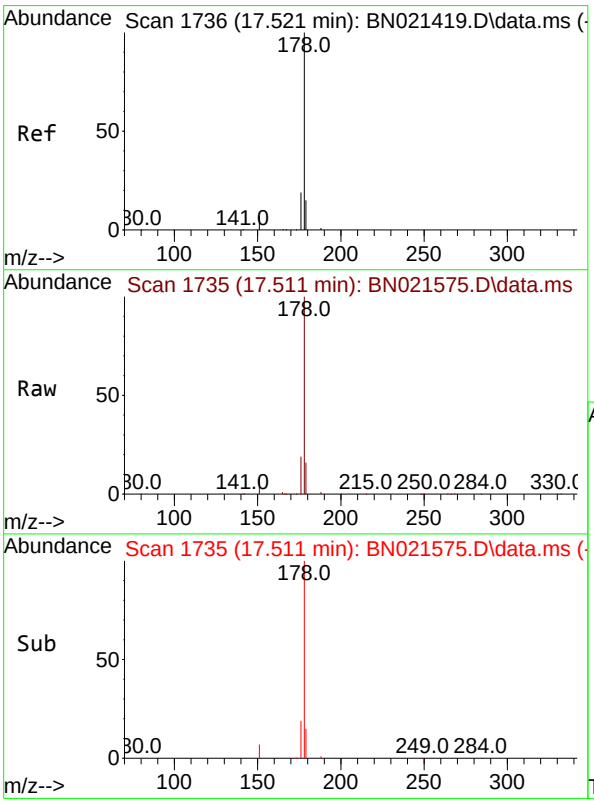
#24
Pentachlorophenol
Concen: 0.409 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 819

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.0	73.6
268	66.1	50.9	76.3

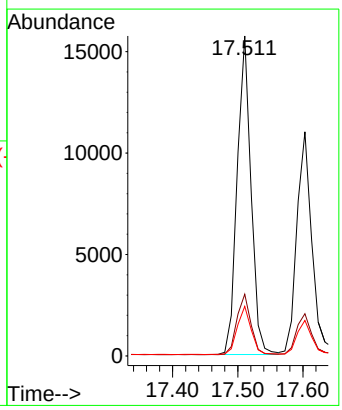


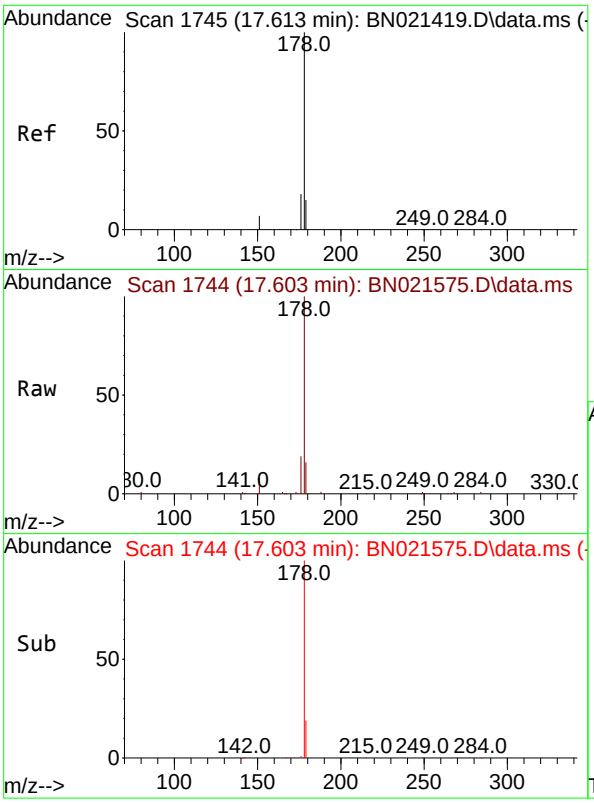


#25
Phenanthrene
Concen: 0.388 ng
RT: 17.511 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:178 Resp: 23057

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.2	18.4



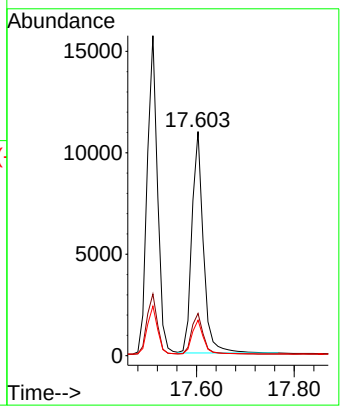


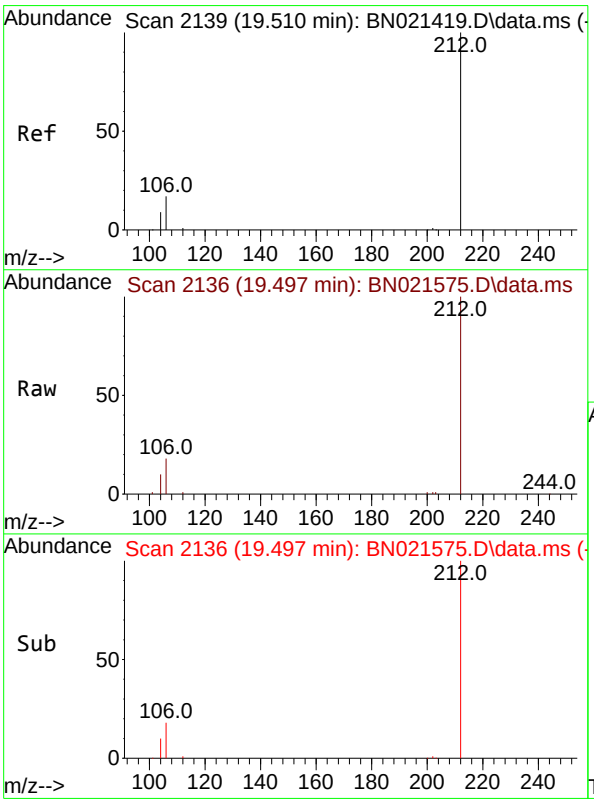
#26
Anthracene
Concen: 0.376 ng
RT: 17.603 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17768

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.2	12.2	18.2

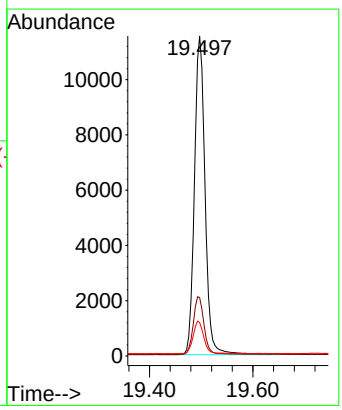


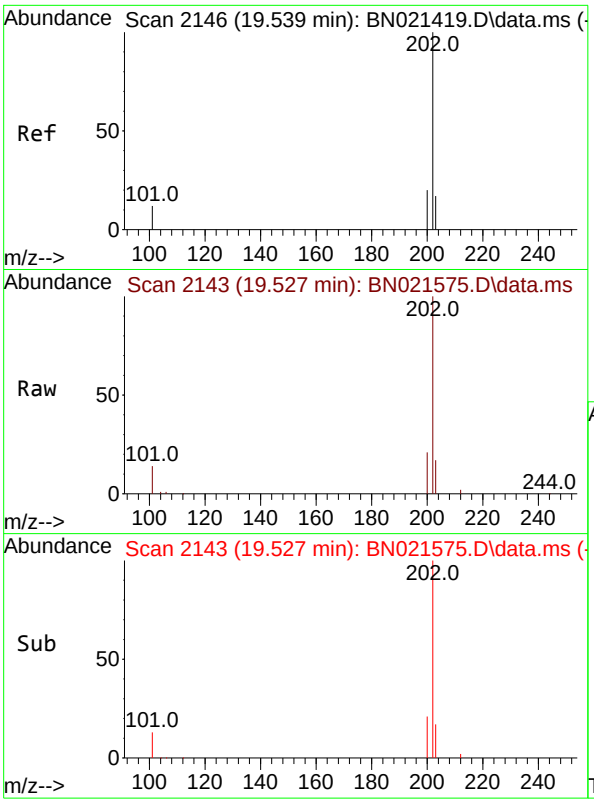


#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:212 Resp: 16457

Ion	Ratio	Lower	Upper
212	100		
106	18.3	14.2	21.2
104	10.3	7.8	11.6



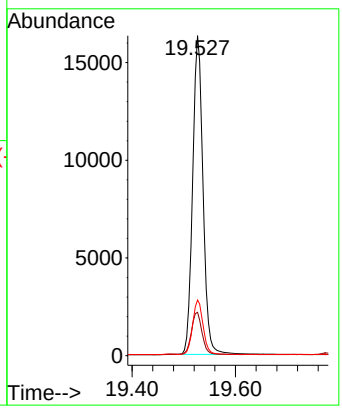


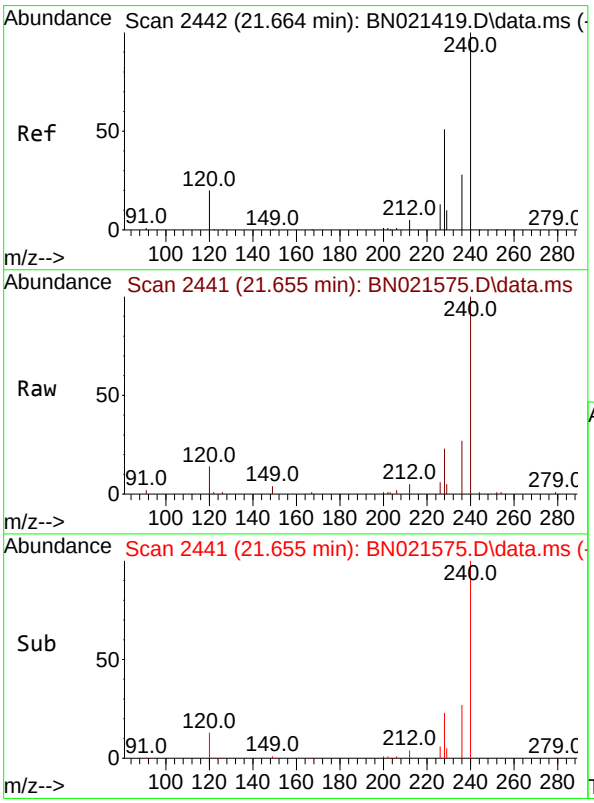
#28
Fluoranthene
Concen: 0.369 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 22813

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	17.2	13.8	20.6

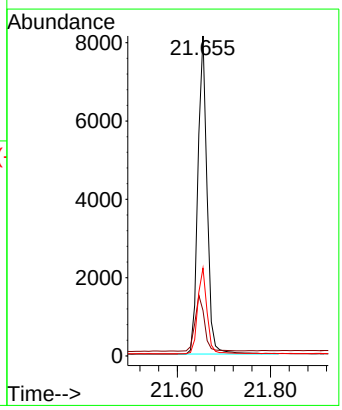


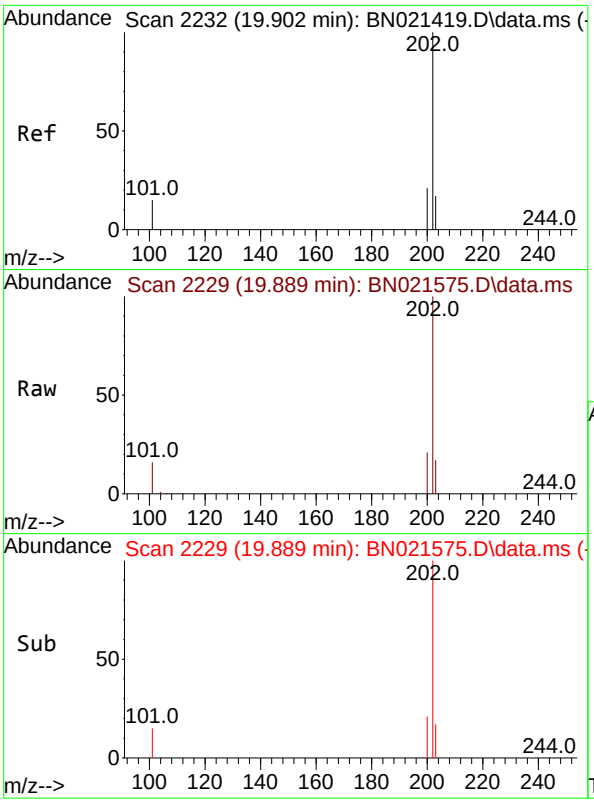


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:240 Resp: 11151

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.2	15.4
236	27.5	22.1	33.1



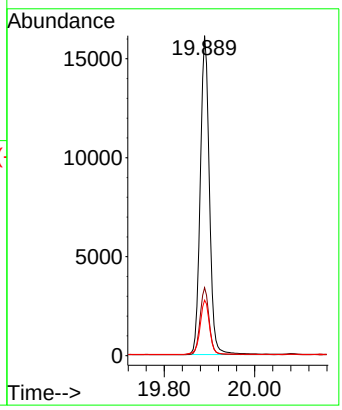


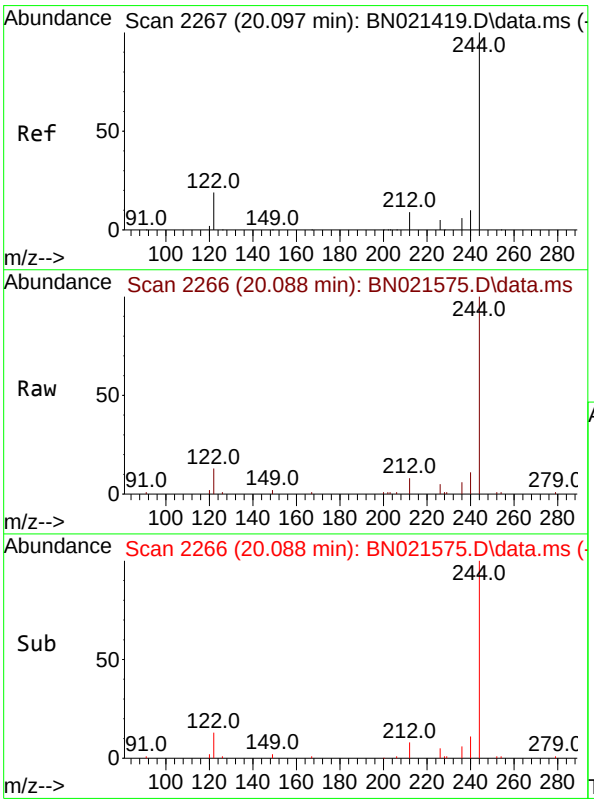
#30
Pyrene
Concen: 0.422 ng
RT: 19.889 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 25076

Ion	Ratio	Lower	Upper
202	100		
200	18.8	13.9	20.9
203	15.7	11.9	17.9

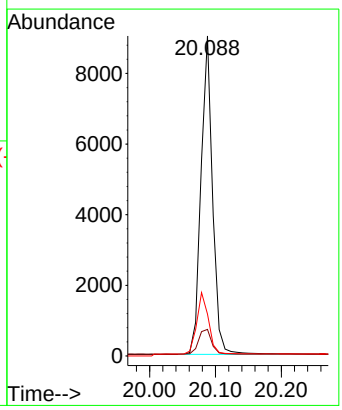


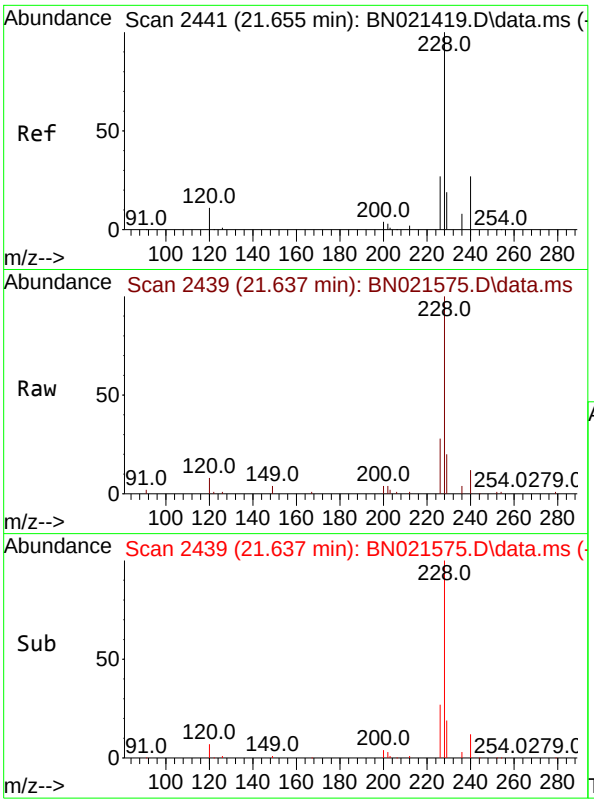


#31
Terphenyl-d14
Concen: 0.441 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:244 Resp: 11061

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	13.1	9.1	13.7



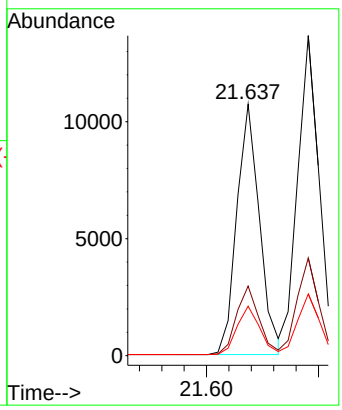


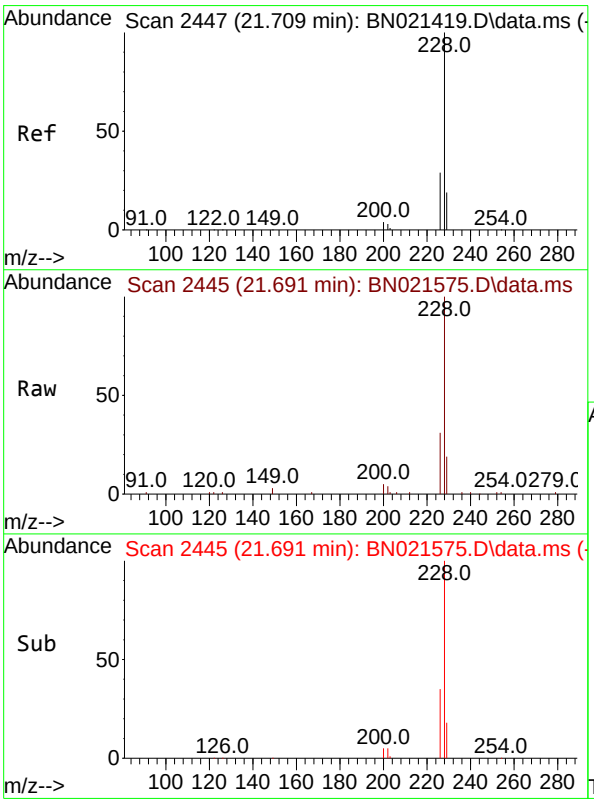
#32
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.637 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 15134

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.6	15.9	23.9

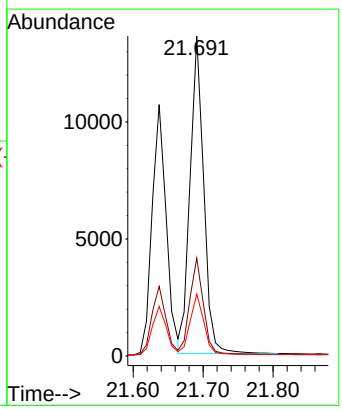


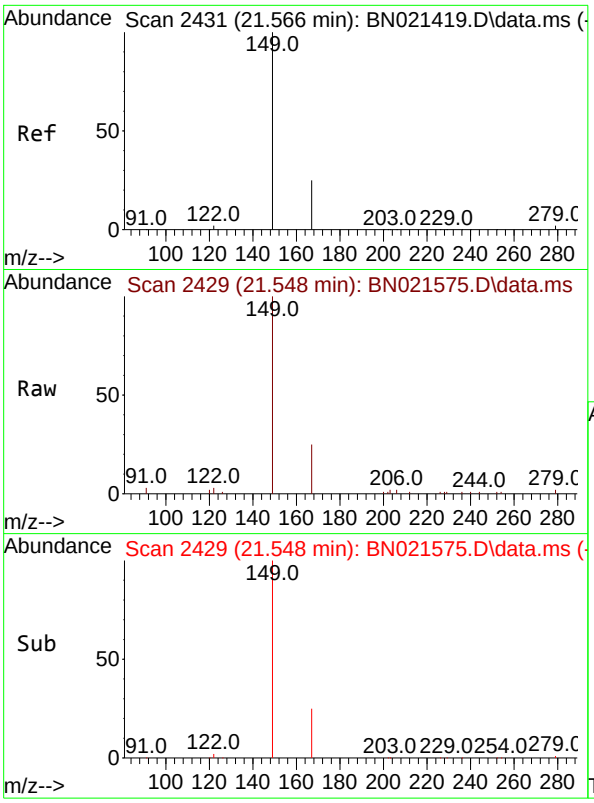


#33
Chrysene
Concen: 0.399 ng
RT: 21.691 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:228 Resp: 18468

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.3	15.9	23.9



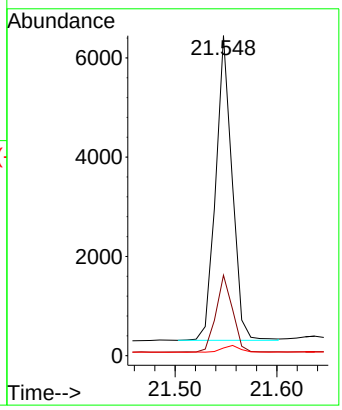


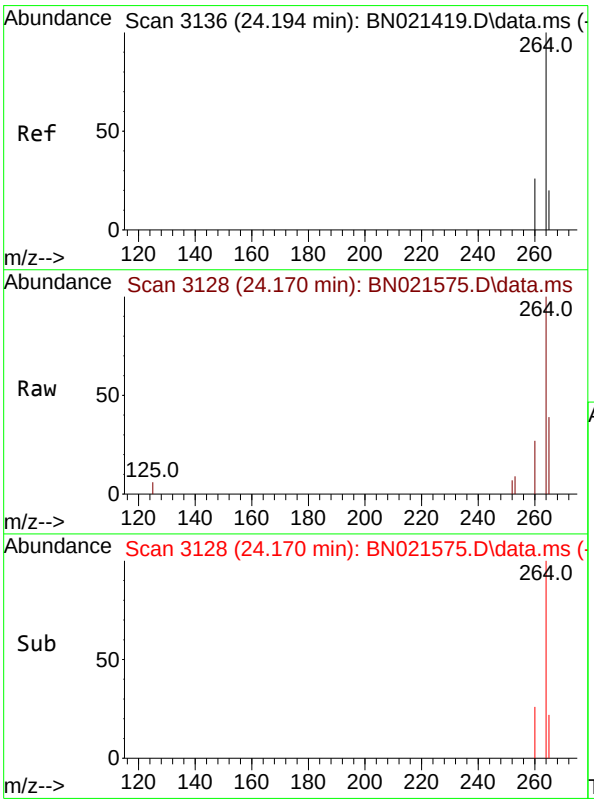
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.439 ng
RT: 21.548 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 6863

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.6	2.2	3.2

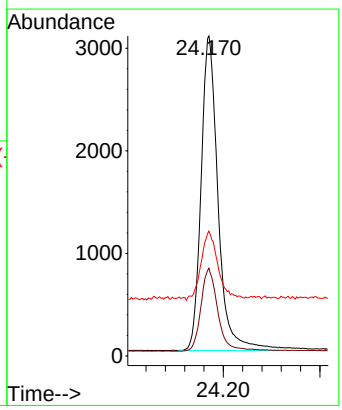


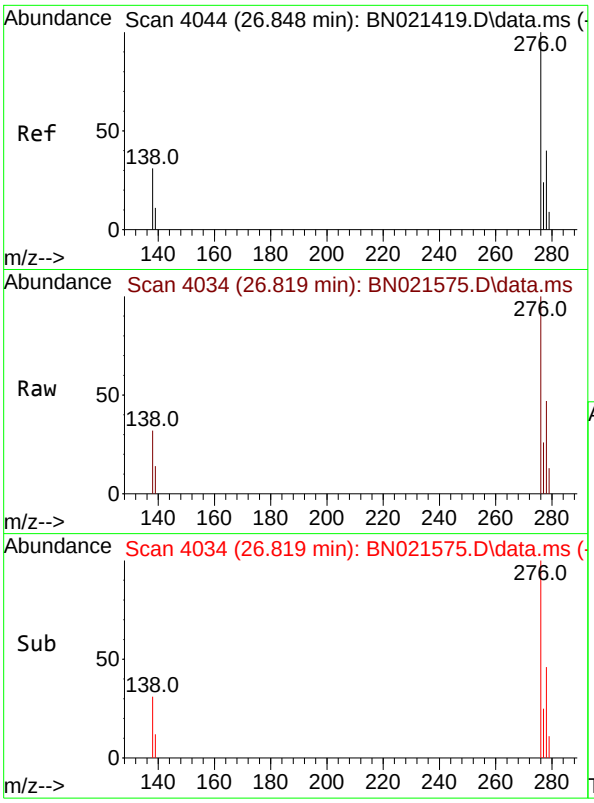


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.170 min Scan# 3128
Delta R.T. -0.015 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:264 Resp: 7473

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.0	31.6
265	39.0	32.2	48.2



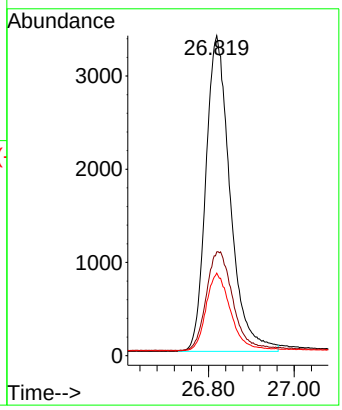


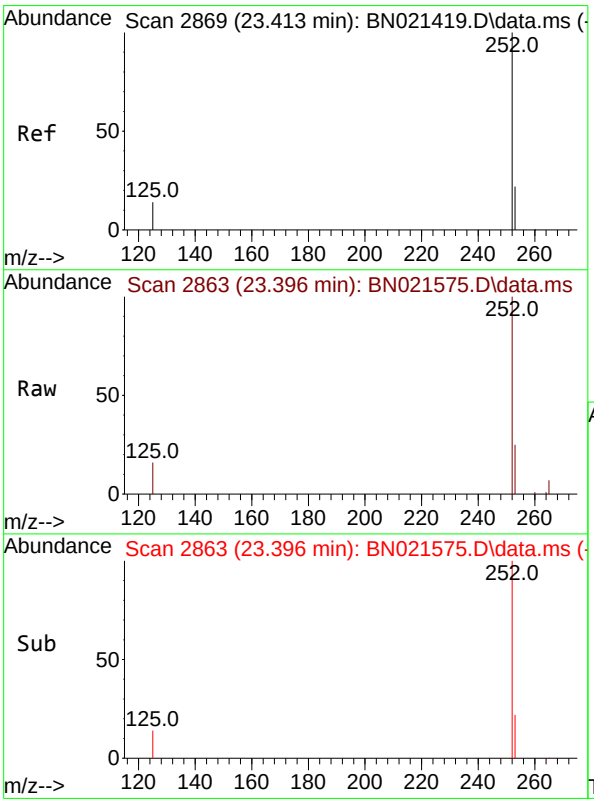
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.819 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 13293

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	24.7	19.9	29.9

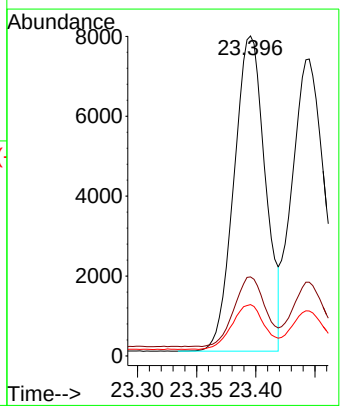


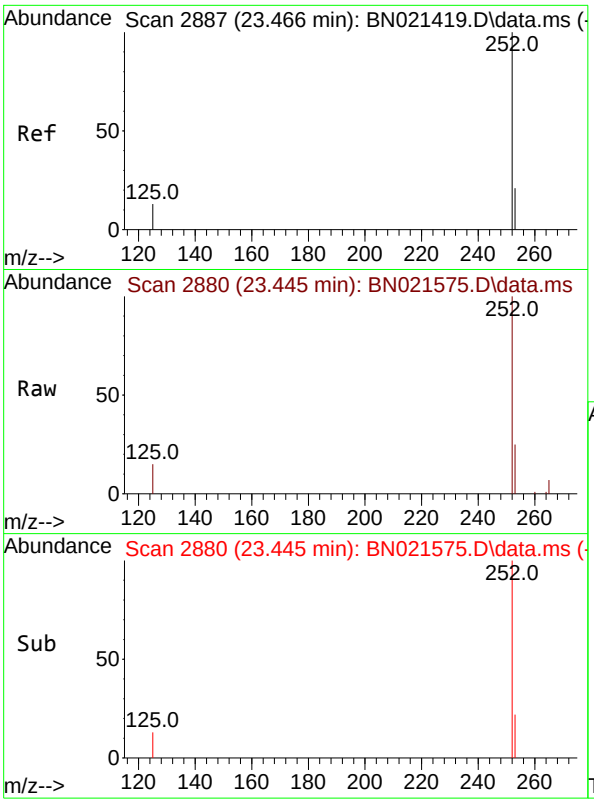


#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.396 min Scan# 2863
Delta R.T. -0.012 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:252 Resp: 14536

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.8	29.6
125	16.0	13.7	20.5



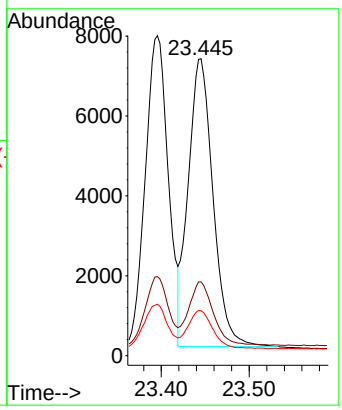


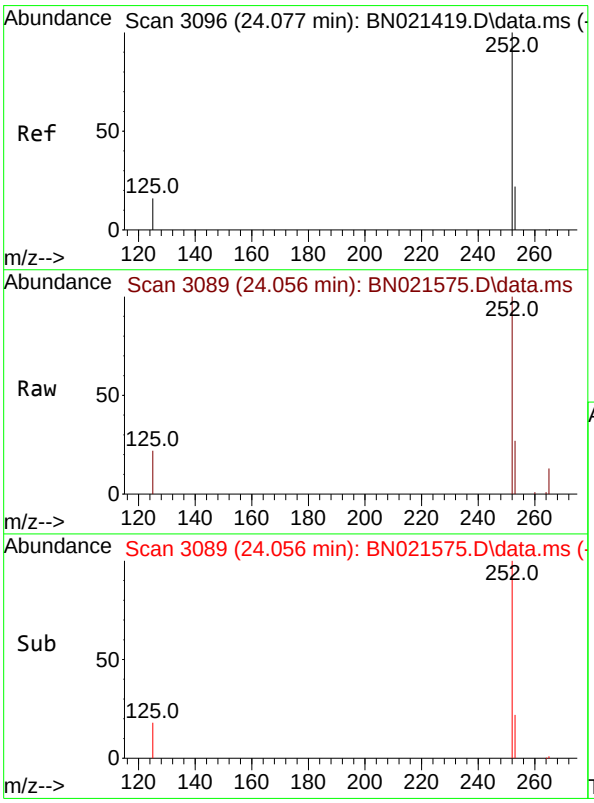
#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.445 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14187

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.5	29.3
125	15.2	12.3	18.5

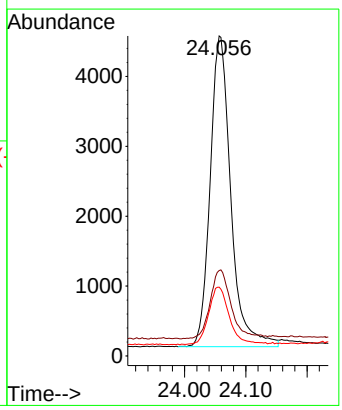


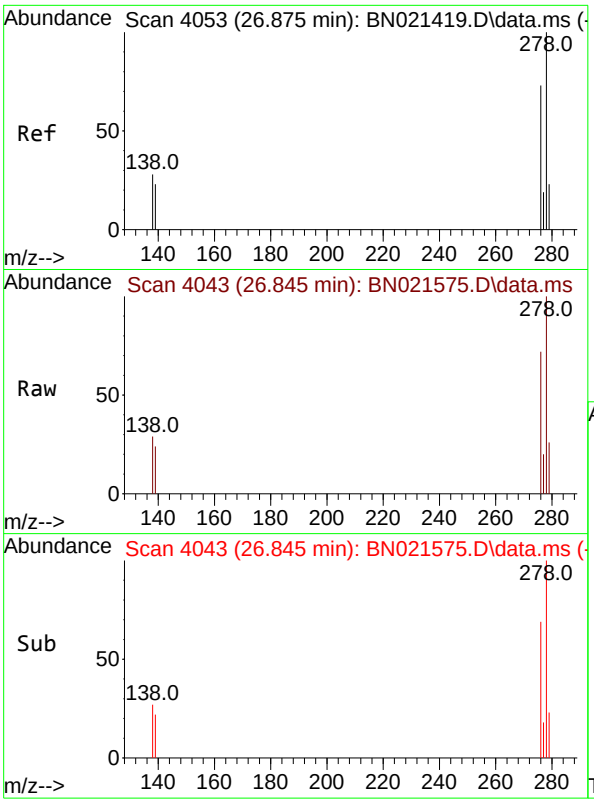


#39
Benzo(a)pyrene
Concen: 0.405 ng
RT: 24.056 min Scan# 3089
Delta R.T. -0.012 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:252 Resp: 10420

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.1	31.7
125	21.5	16.6	25.0



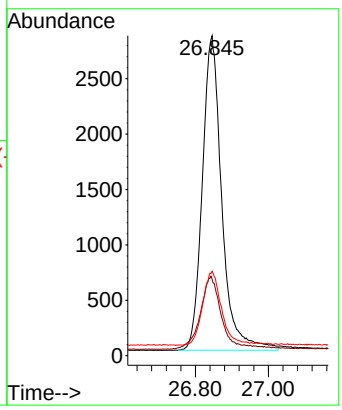


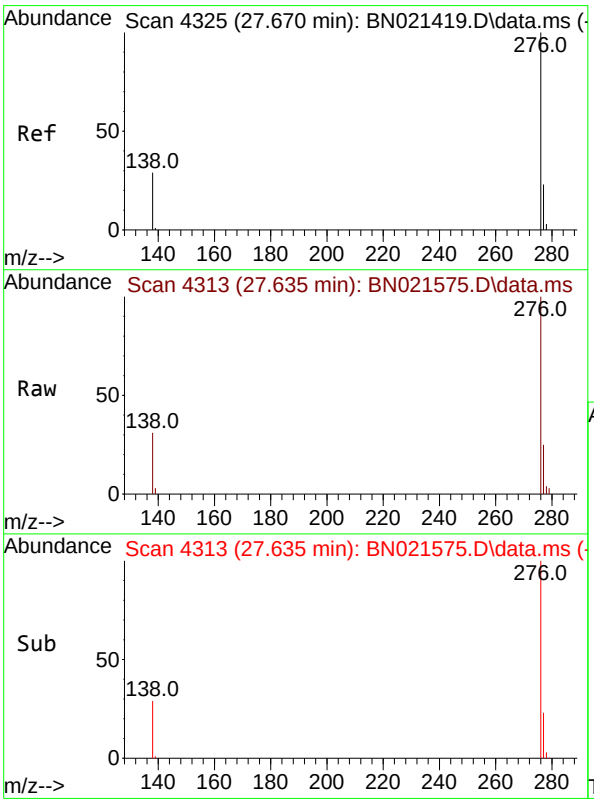
#40
Dibenzo(a,h)anthracene
Concen: 0.387 ng
RT: 26.845 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 10512

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.8	32.6
279	26.4	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.376 ng
RT: 27.635 min Scan# 4313
Delta R.T. -0.018 min
Lab File: BN021575.D
Acq: 02 Sep 2022 23:34

Tgt Ion:276 Resp: 11198

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	30.8	23.7	35.5