Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021557.D
Acq On : 02 Sep 2022 11:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 03 00:08:51 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	4582	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	14369	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8050	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16464	0.400	ng	0.00
29) Chrysene-d12	21.655	240	10534	0.400	ng	# 0.00
35) Perylene-d12	24.179	264	7028	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	3876	0.432	ng	0.00
5) Phenol-d6	7.217	99	4758	0.416	ng	0.00
8) Nitrobenzene-d5	9.243	82	3859	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	15257	0.471	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	994	0.376	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	14354	0.408	ng	0.00
27) Fluoranthene-d10	19.501	212	16372	0.387	ng	0.00
31) Terphenyl-d14	20.088	244	11026	0.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2482	0.433	ng	# 89
3) n-Nitrosodimethylamine	3.743	42	2183	0.423	ng	91
6) bis(2-Chloroethyl)ether	7.484	93	5981	0.416	ng	97
9) Naphthalene	10.952	128	17519	0.412	ng	99
10) Hexachlorobutadiene	11.229	225	3039	0.413	ng	# 98
12) 2-Methylnaphthalene	12.183	142	2238	0.442	ng	97
16) Acenaphthylene	14.440	152	14721	0.389	ng	100
17) Acenaphthene	14.782	154	10722	0.403	ng	97
18) Fluorene	15.765	166	13672	0.417	ng	99
21) 4-Bromophenyl-phenylether	16.659	248	4195	0.407	ng	97
22) Hexachlorobenzene	16.772	284	5241	0.416	ng	99
23) Atrazine	16.916	200	2215	0.368	ng	96
24) Pentachlorophenol	17.121	266	897	0.440	ng	99
25) Phenanthrene	17.511	178	23221	0.409	ng	100
26) Anthracene	17.603	178	17791	0.394	ng	100
28) Fluoranthene	19.531	202	22675	0.384	ng	99
30) Pyrene	19.893	202	24897	0.443	ng	97
32) Benzo(a)anthracene	21.646	228	14895	0.406	ng	99
33) Chrysene	21.700	228	18017	0.412	ng	100
34) Bis(2-ethylhexyl)phtha...	21.557	149	6434	0.435	ng	98
36) Indeno(1,2,3-cd)pyrene	26.828	276	12860	0.405	ng	100
37) Benzo(b)fluoranthene	23.401	252	14138	0.408	ng	98
38) Benzo(k)fluoranthene	23.451	252	13668	0.392	ng	100
39) Benzo(a)pyrene	24.065	252	10264	0.425	ng	98
40) Dibenzo(a,h)anthracene	26.854	278	10128	0.397	ng	97
41) Benzo(g,h,i)perylene	27.644	276	10961	0.391	ng	98

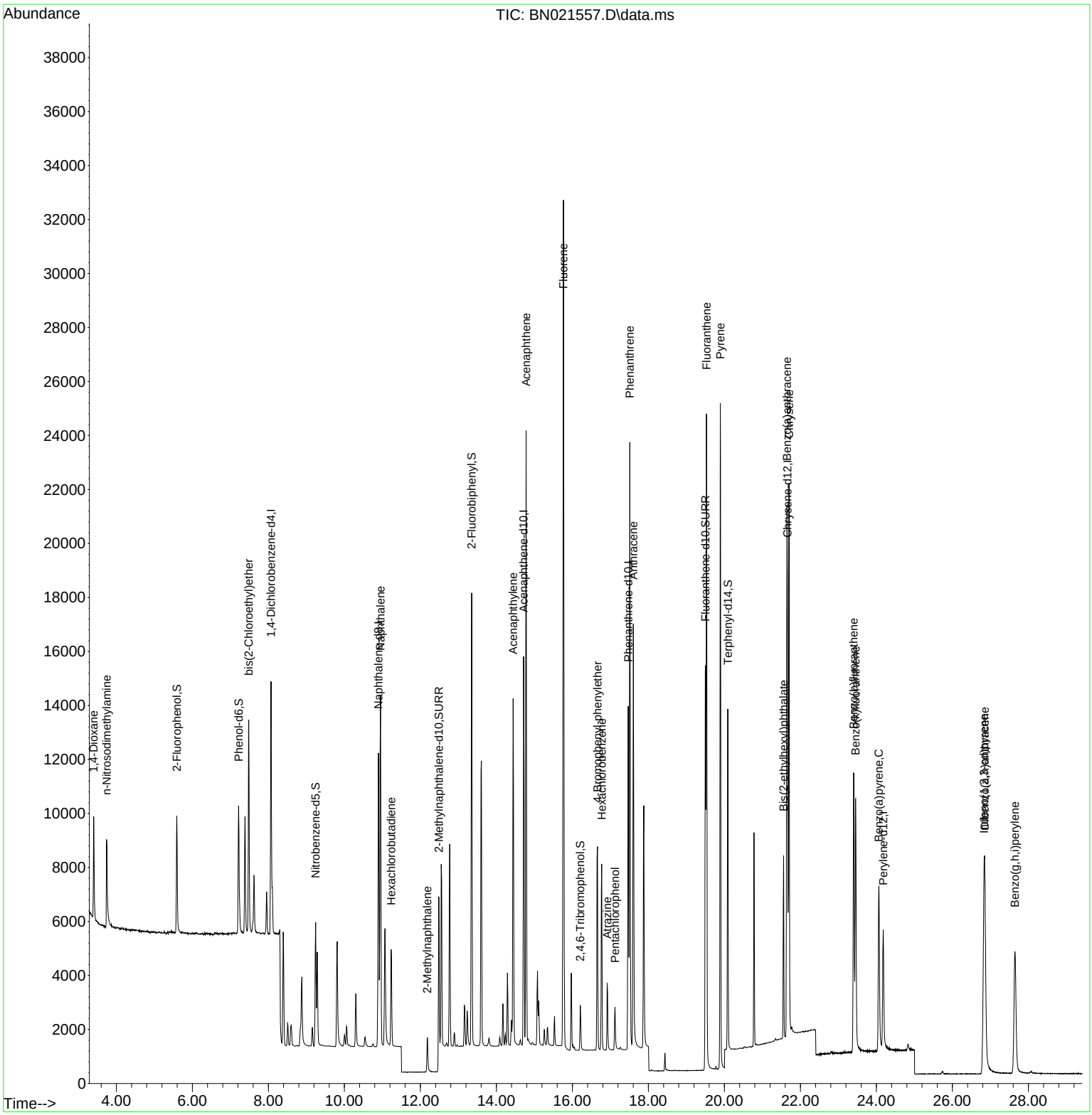
(#) = qualifier out of range (m) = manual integration (+) = signals summed

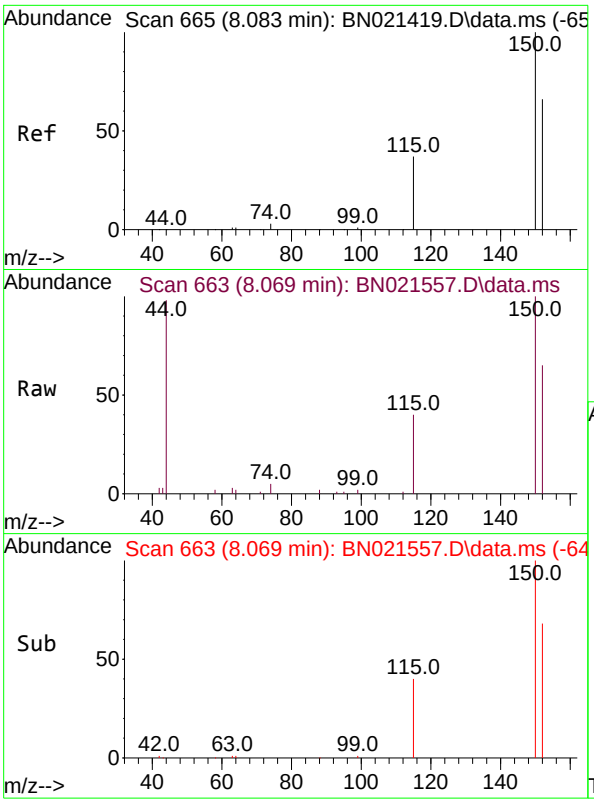
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021557.D
Acq On : 02 Sep 2022 11:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 03 00:08:51 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



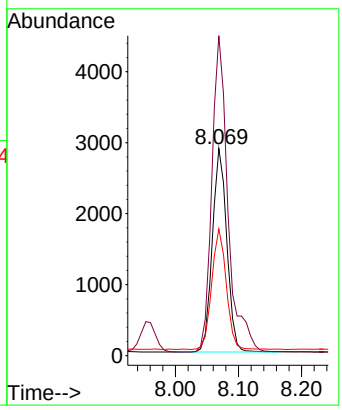


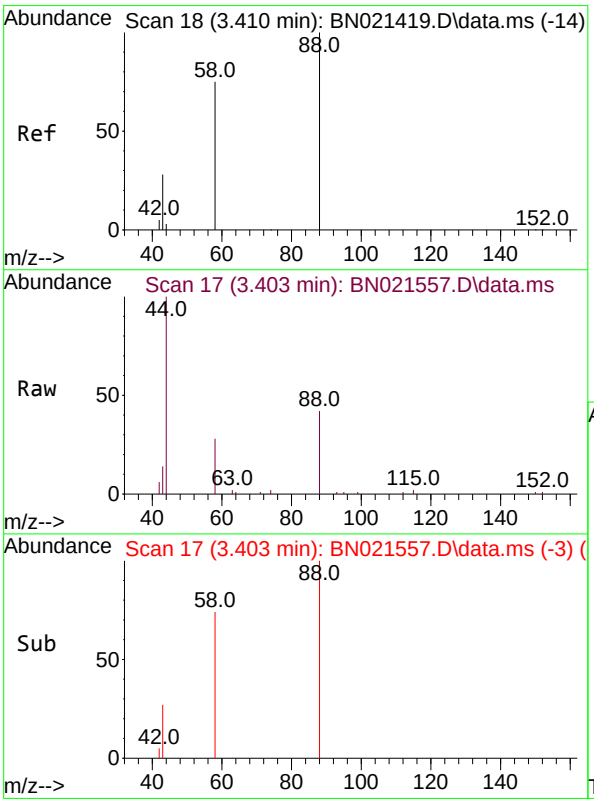
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4582

Ion	Ratio	Lower	Upper
152	100		
150	154.5	121.4	182.0
115	61.2	48.6	72.8

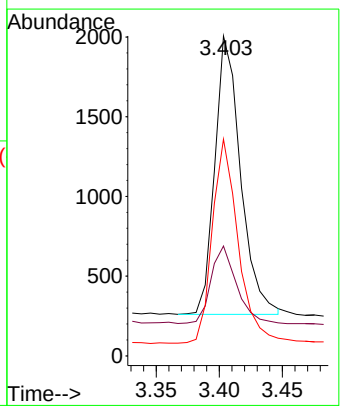


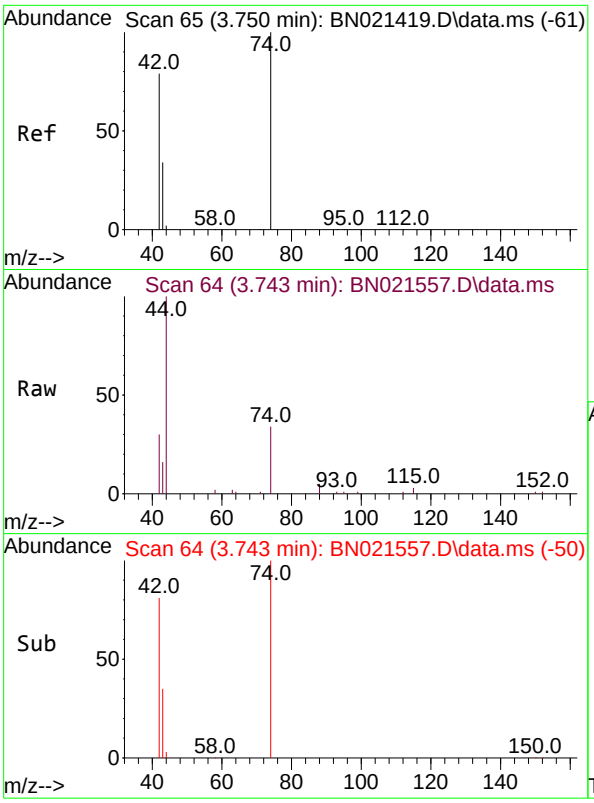


#2
1,4-Dioxane
Concen: 0.433 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion: 88 Resp: 2482

Ion	Ratio	Lower	Upper
88	100		
43	27.6	35.8	53.8#
58	73.2	57.1	85.7



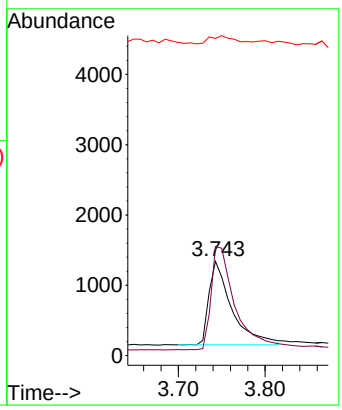


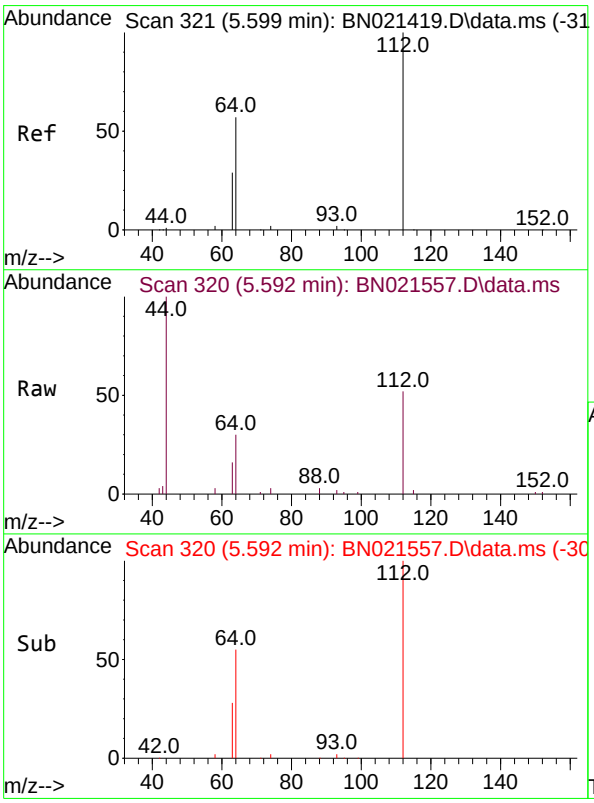
#3
n-Nitrosodimethylamine
Concen: 0.423 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2183

Ion	Ratio	Lower	Upper
42	100		
74	130.1	113.0	169.6
44	10.8	10.5	15.7

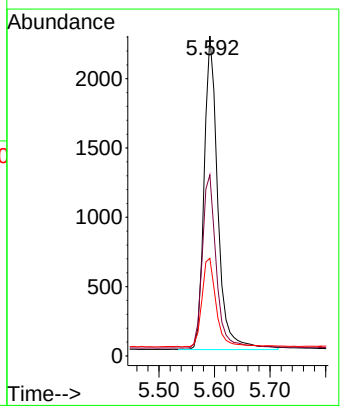


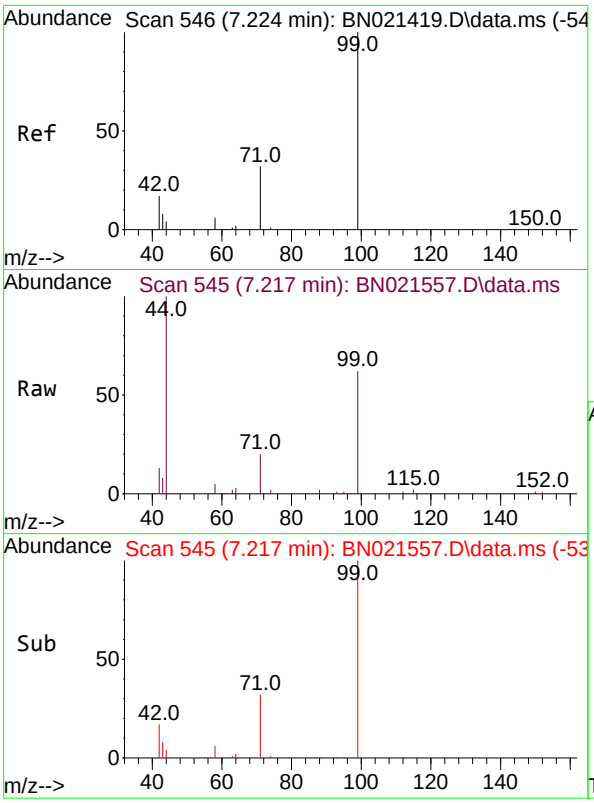


#4
2-Fluorophenol
Concen: 0.432 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:112 Resp: 3876

Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.5	65.3
63	29.3	22.6	34.0



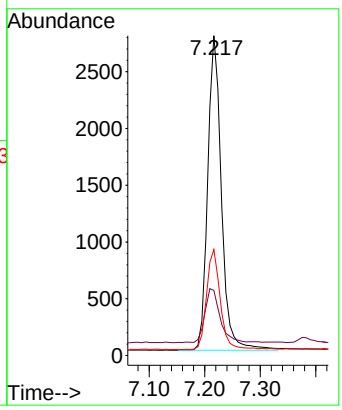


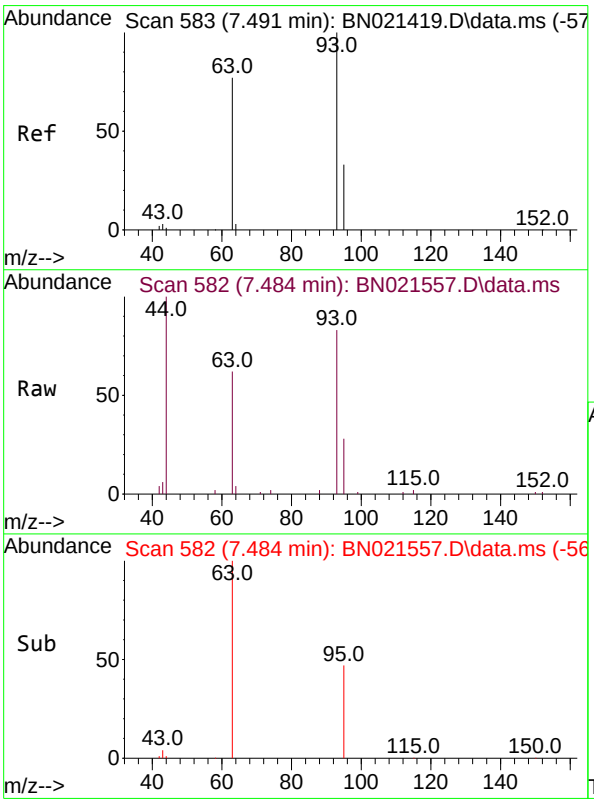
#5
Phenol-d6
Concen: 0.416 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4758

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.5	23.3
71	32.1	24.2	36.2

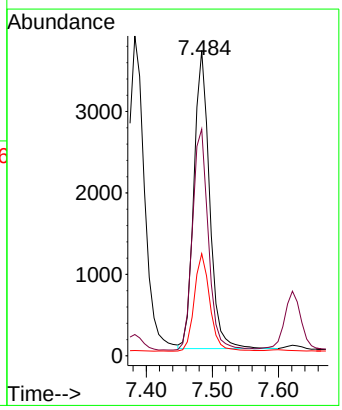


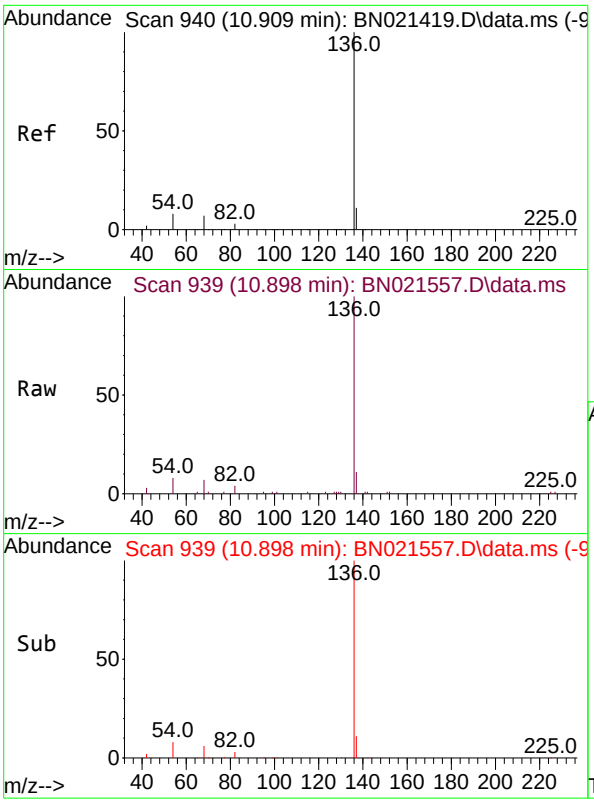


#6
bis(2-Chloroethyl)ether
Concen: 0.416 ng
RT: 7.484 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion: 93 Resp: 5981

Ion	Ratio	Lower	Upper
93	100		
63	75.8	57.8	86.8
95	32.8	25.9	38.9



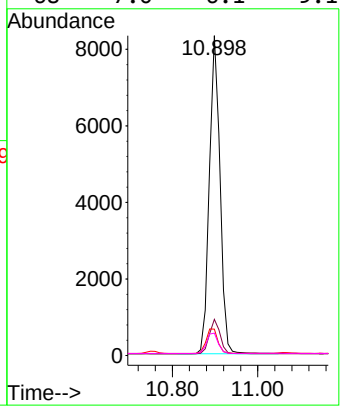


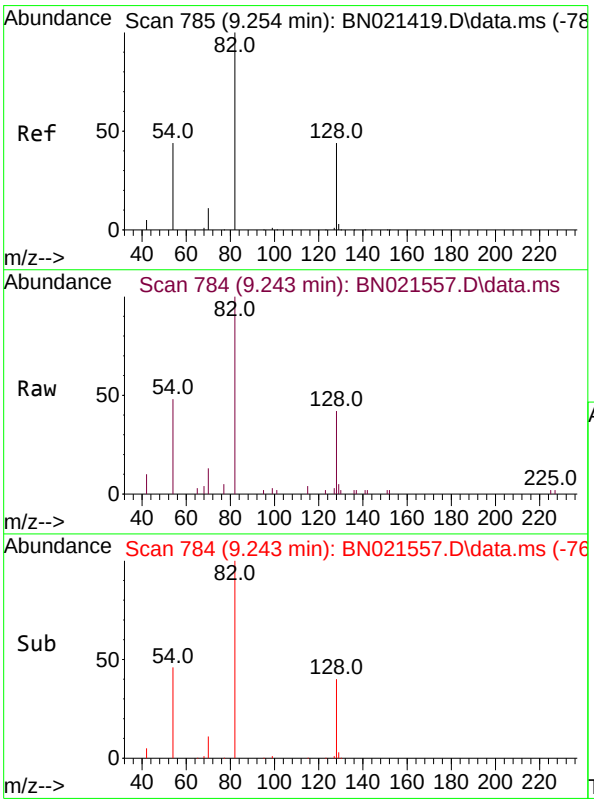
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14369

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.3	6.9	10.3
68	7.0	6.1	9.1

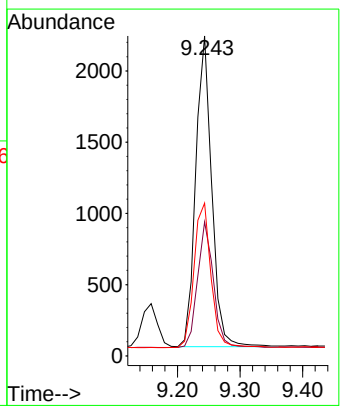


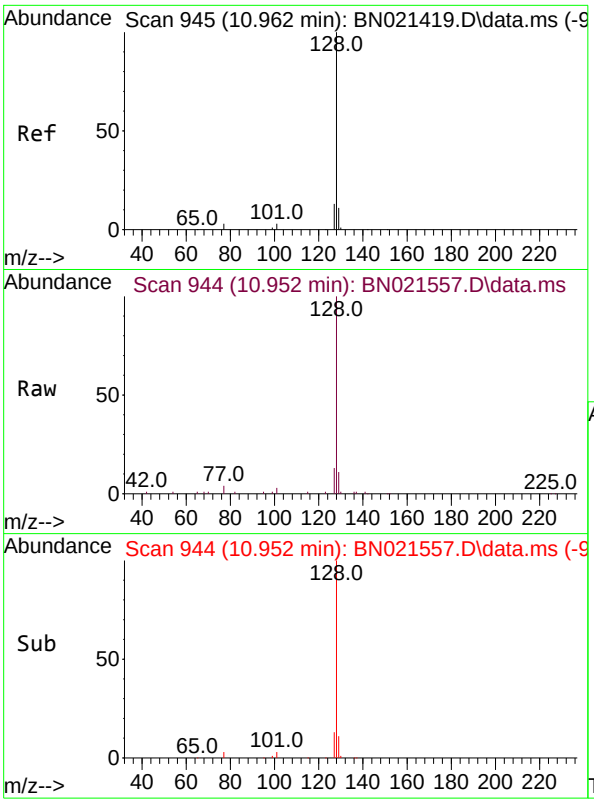


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion: 82 Resp: 3859

Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.9	46.3
54	47.7	42.7	64.1



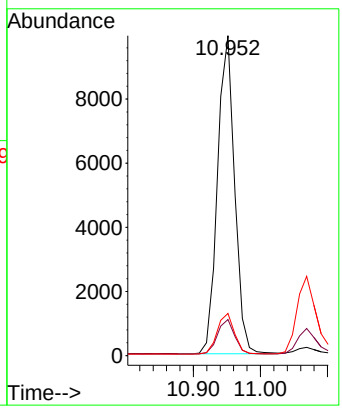


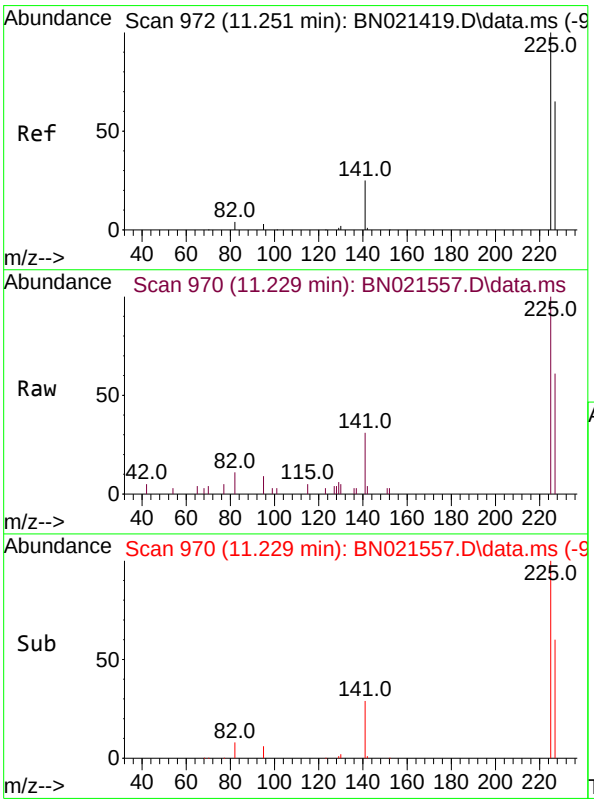
#9
Naphthalene
Concen: 0.412 ng
RT: 10.952 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17519

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.2	11.0	16.4

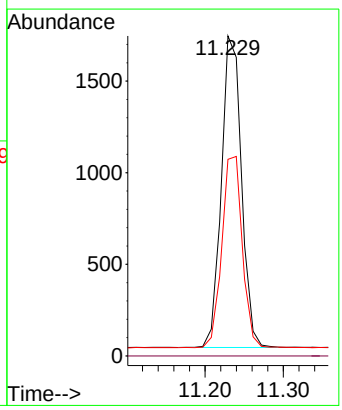


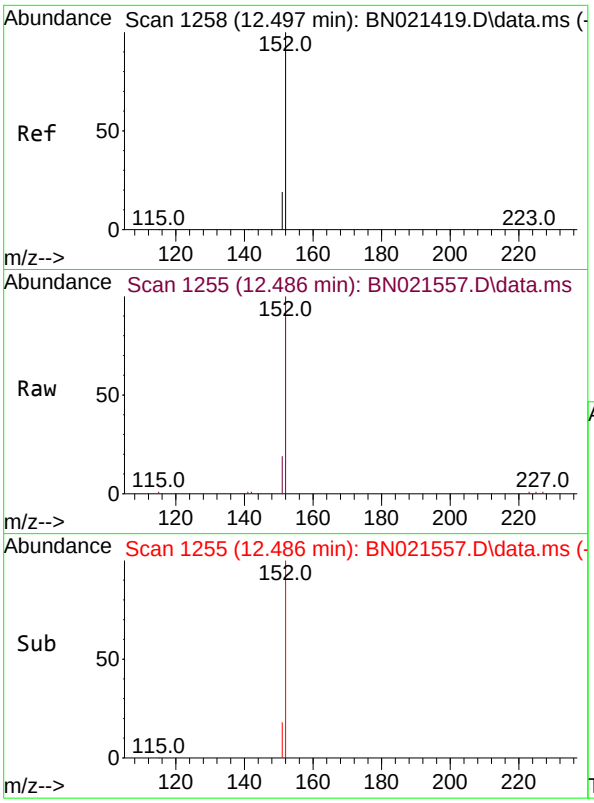


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.011 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:225 Resp: 3039

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	51.2	76.8



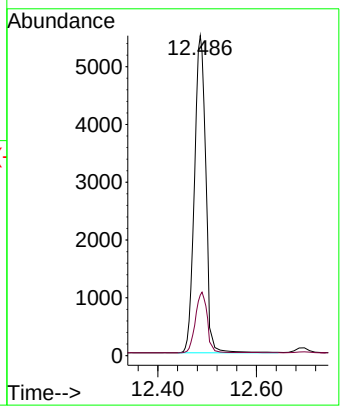


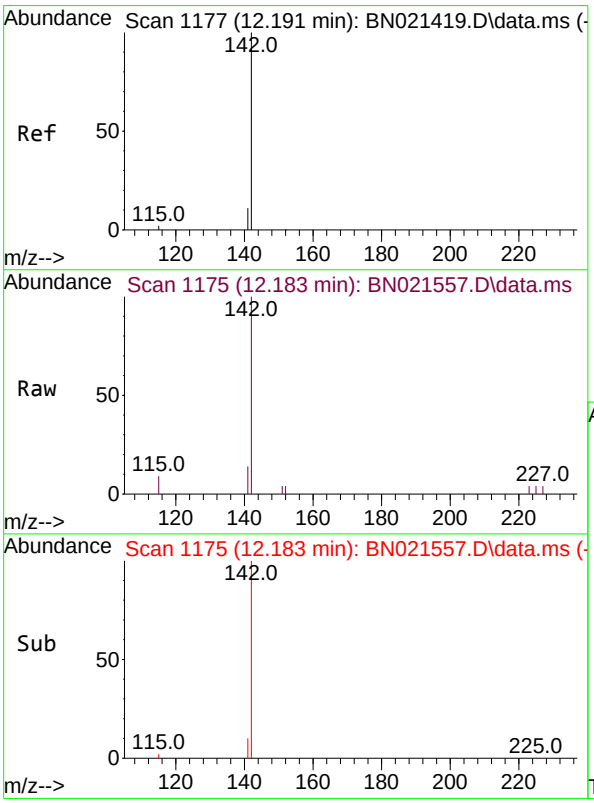
#11
2-Methylnaphthalene-d10
Concen: 0.471 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 15257

Ion	Ratio	Lower	Upper
152	100		
151	18.9	14.5	21.7

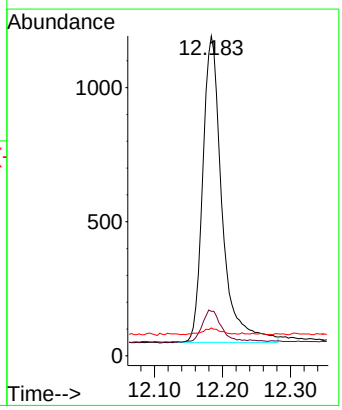


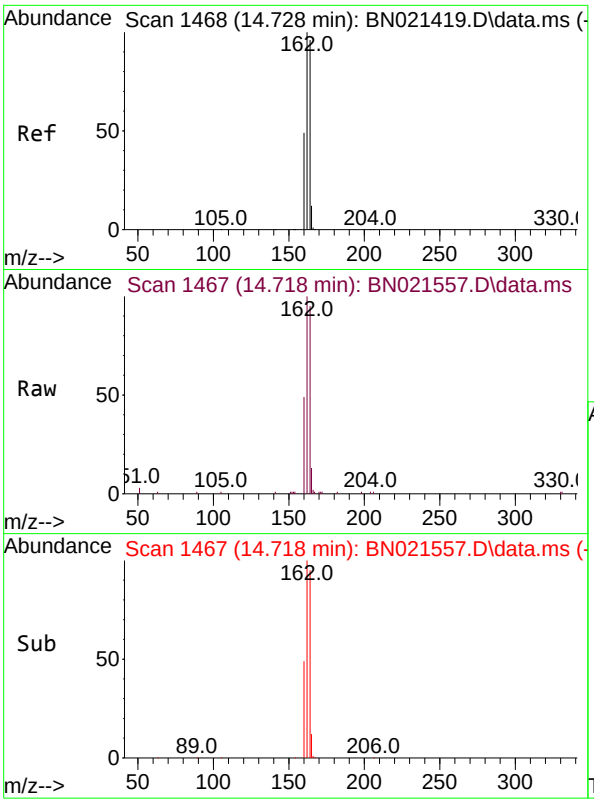


#12
2-Methylnaphthalene
Concen: 0.442 ng
RT: 12.183 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:142 Resp: 2238

Ion	Ratio	Lower	Upper
142	100		
141	13.9	12.2	18.2
115	8.7	7.9	11.9



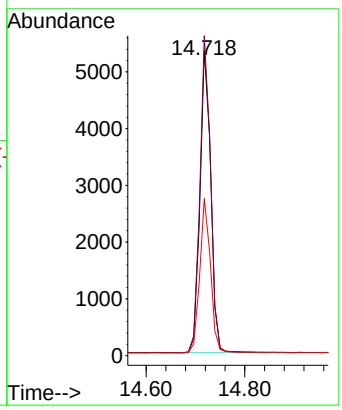


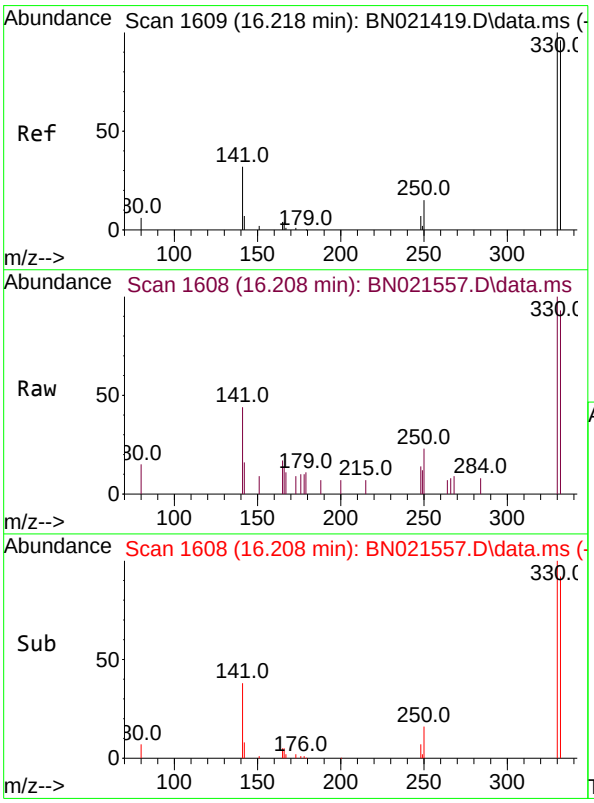
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8050

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.2	123.4
160	51.5	39.5	59.3

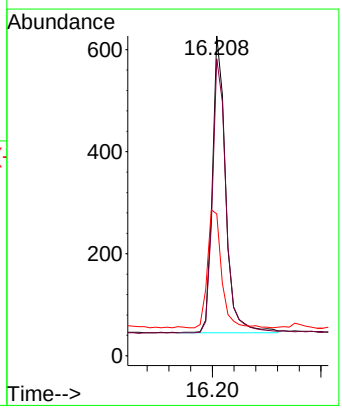


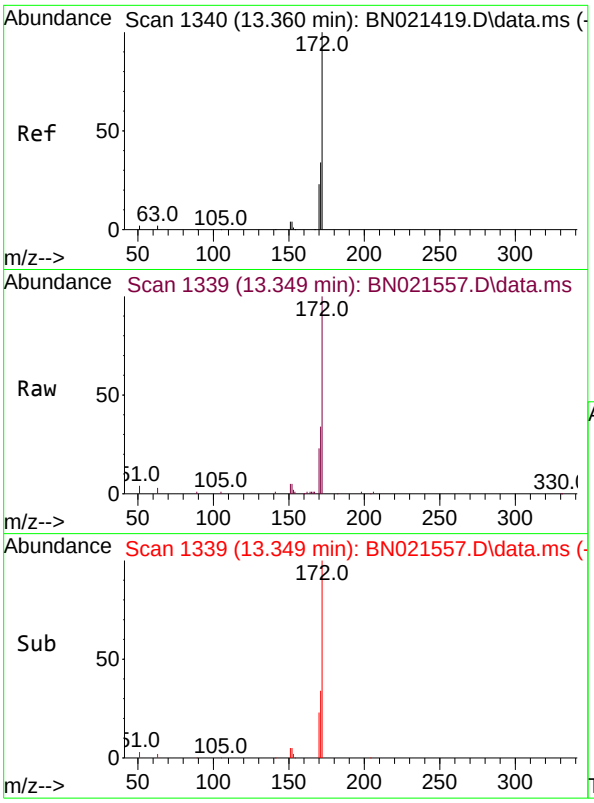


#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:330 Resp: 994

Ion	Ratio	Lower	Upper
330	100		
332	94.3	79.3	118.9
141	42.1	37.1	55.7



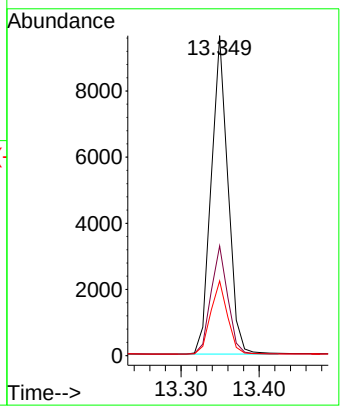


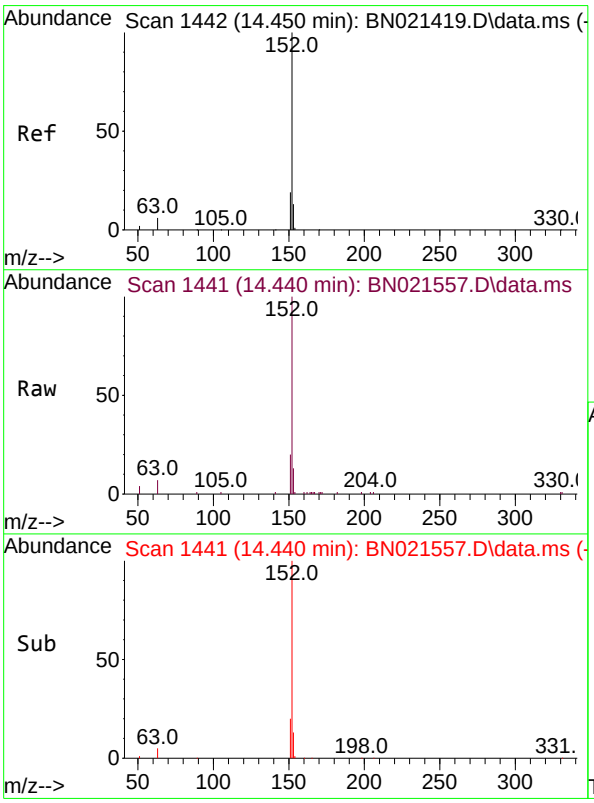
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14354

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.3	18.6	28.0

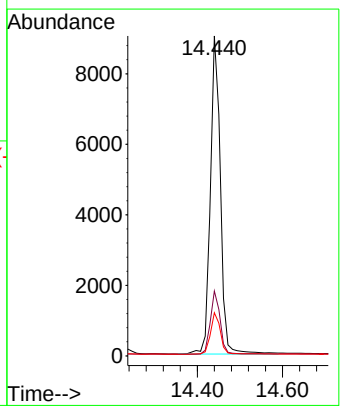


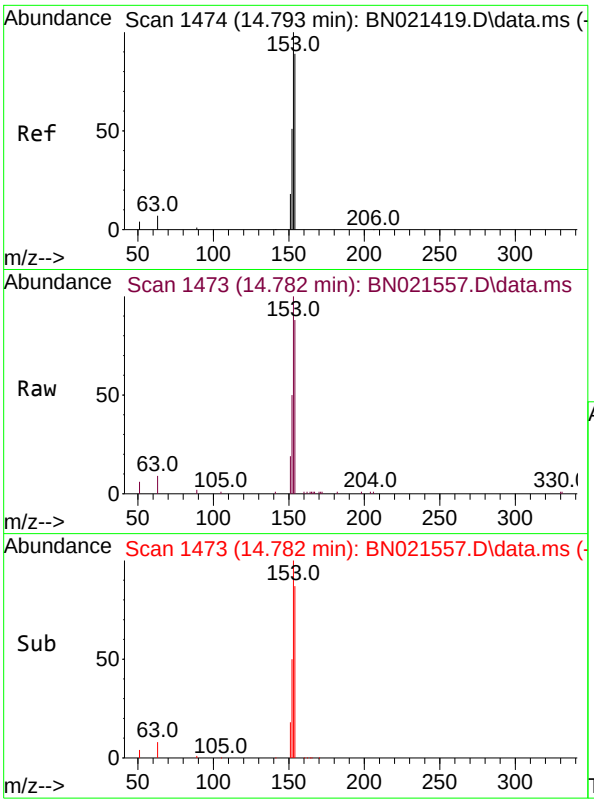


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:152 Resp: 14721

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.0	10.3	15.5



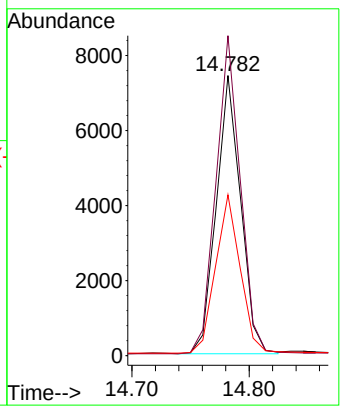


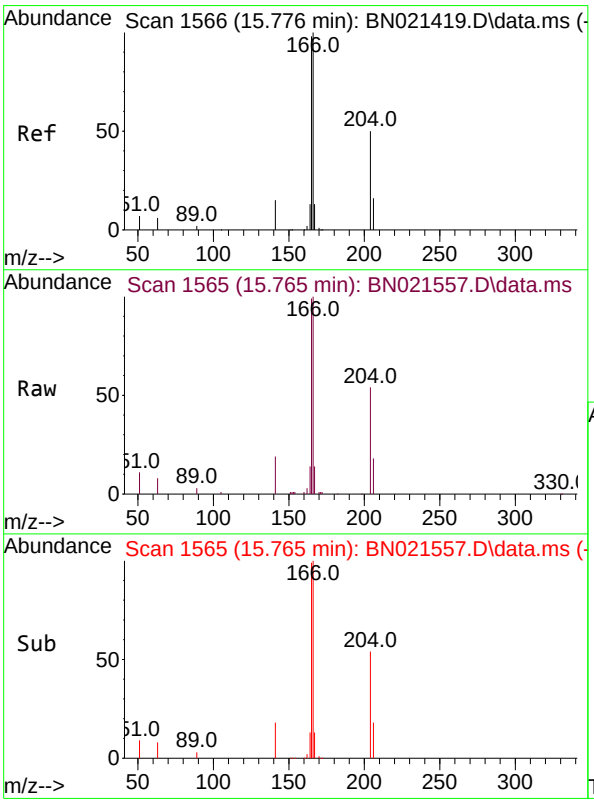
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.782 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10722

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.5	134.3
152	58.3	45.5	68.3

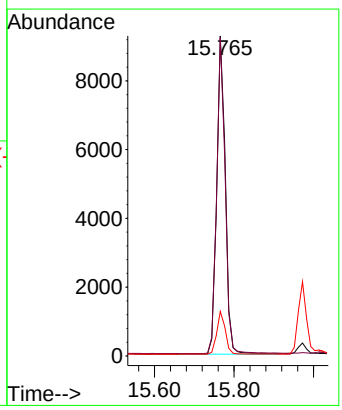


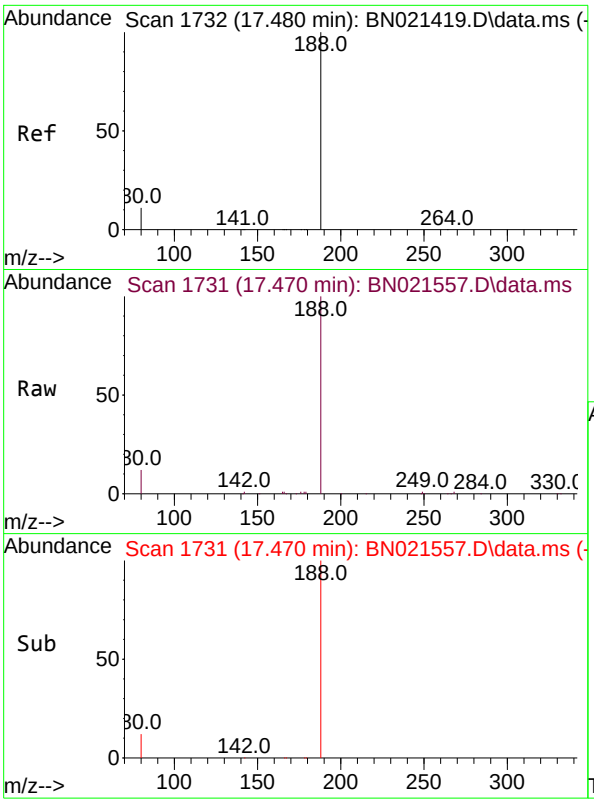


#18
Fluorene
Concen: 0.417 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:166 Resp: 13672

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.7	118.1
167	13.3	10.6	16.0





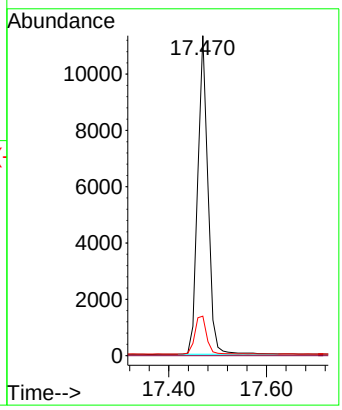
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1

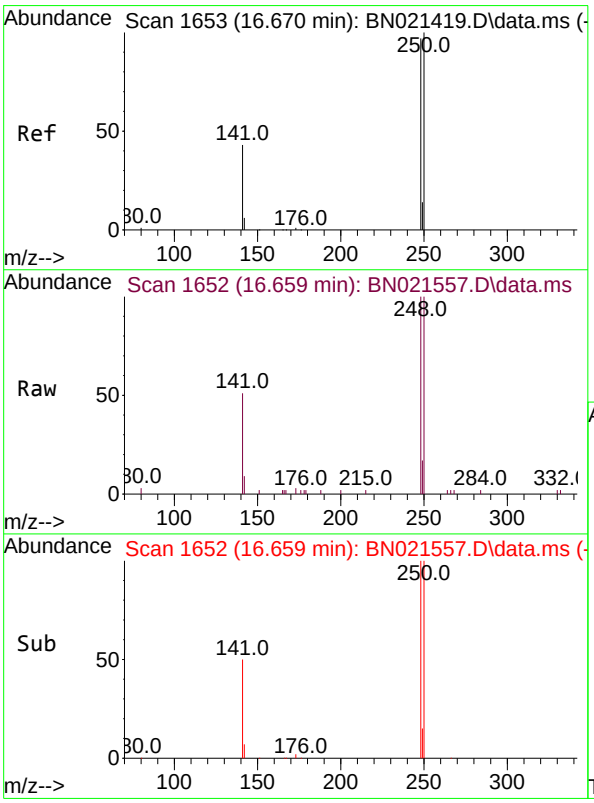
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:188 Resp: 16464

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	9.5	14.3

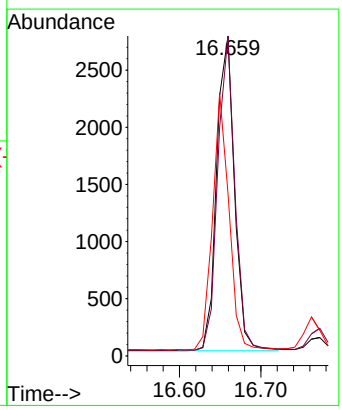


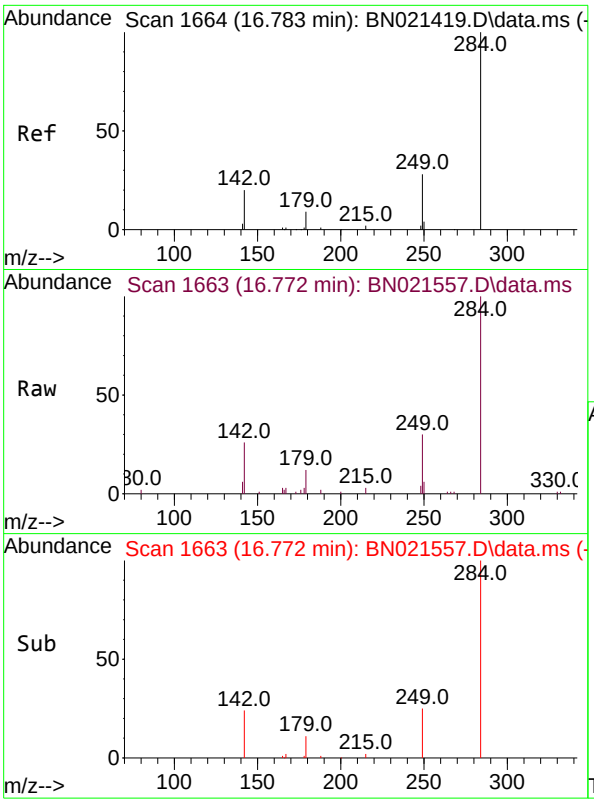


#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.659 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:248 Resp: 4195

Ion	Ratio	Lower	Upper
248	100		
250	100.1	81.8	122.6
141	51.1	38.5	57.7



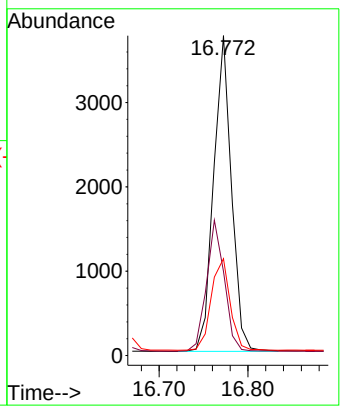


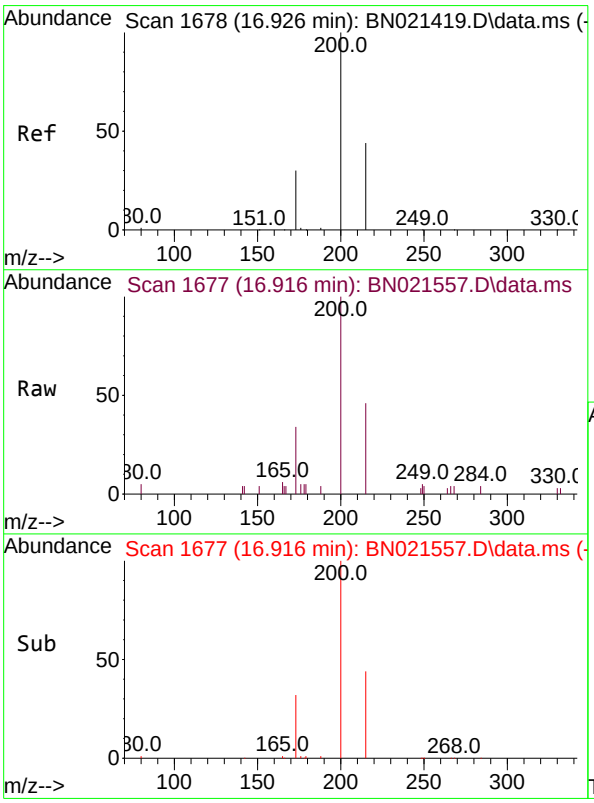
#22
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.772 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5241

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.3	48.5
249	30.9	25.4	38.2

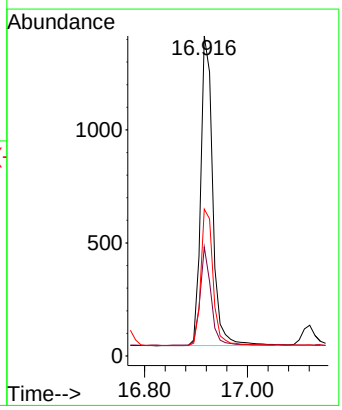


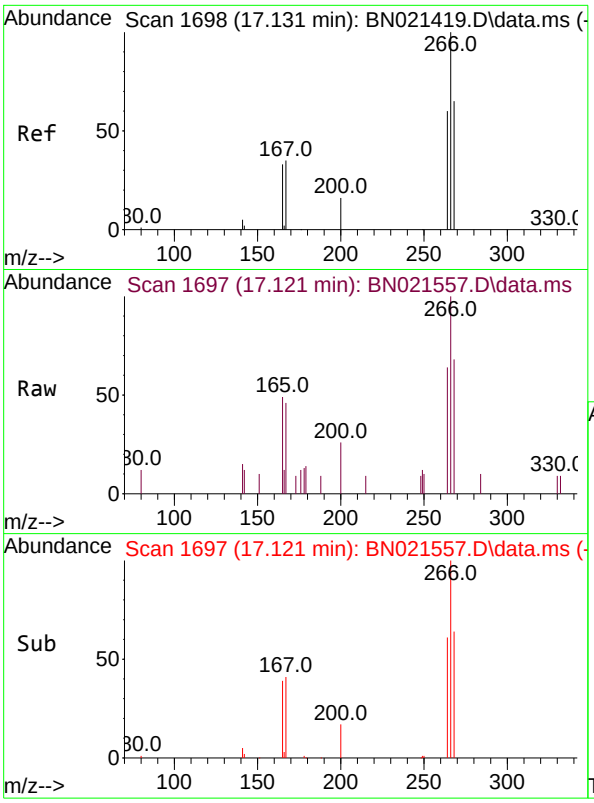


#23
Atrazine
Concen: 0.368 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.010 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:200 Resp: 2215

Ion	Ratio	Lower	Upper
200	100		
173	34.0	24.3	36.5
215	45.9	38.4	57.6



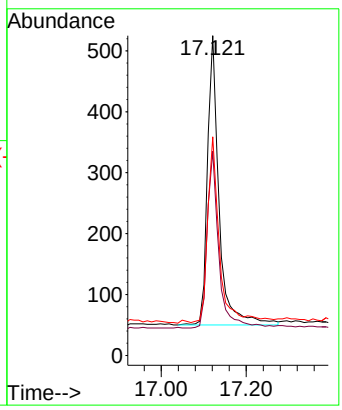


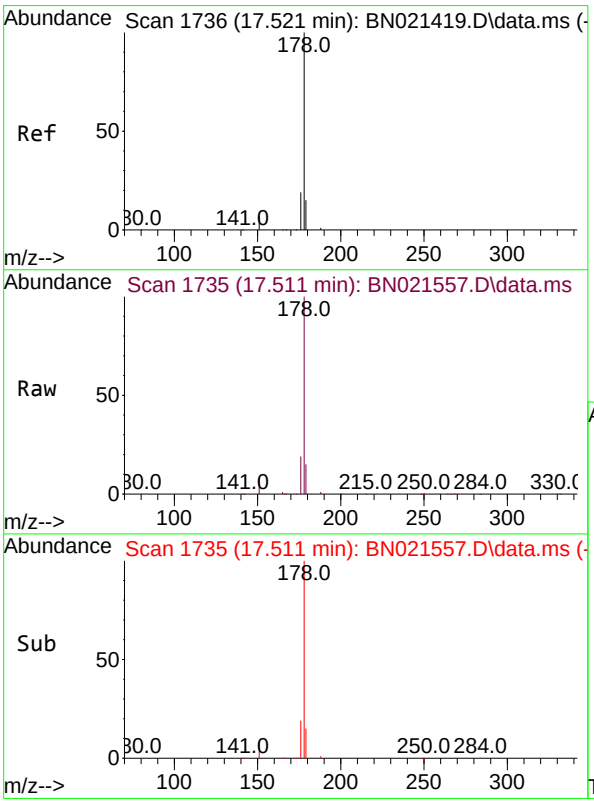
#24
Pentachlorophenol
Concen: 0.440 ng
RT: 17.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 897

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.0	73.6
268	65.2	50.9	76.3

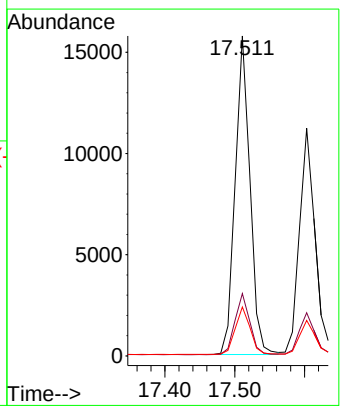


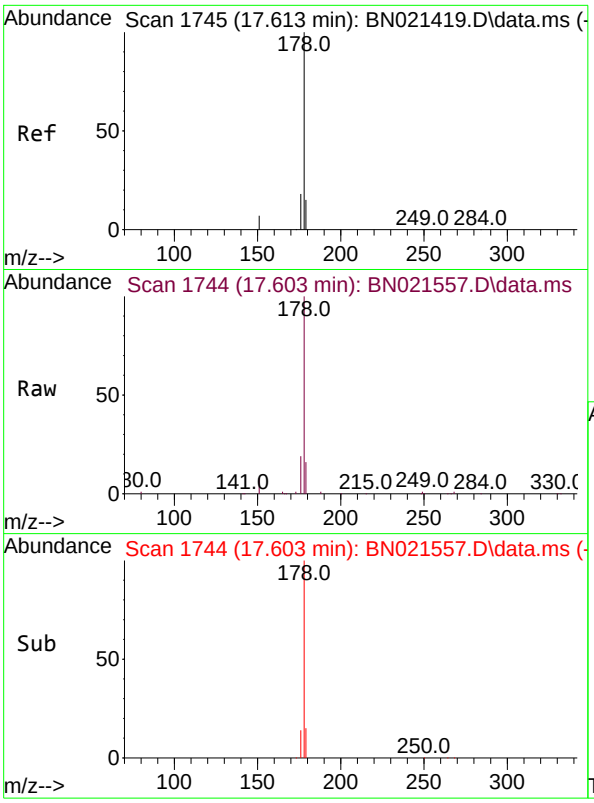


#25
Phenanthrene
Concen: 0.409 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:178 Resp: 23221

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.2	18.4



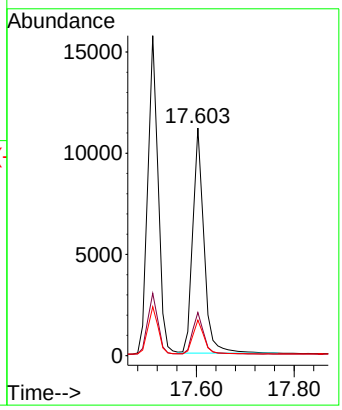


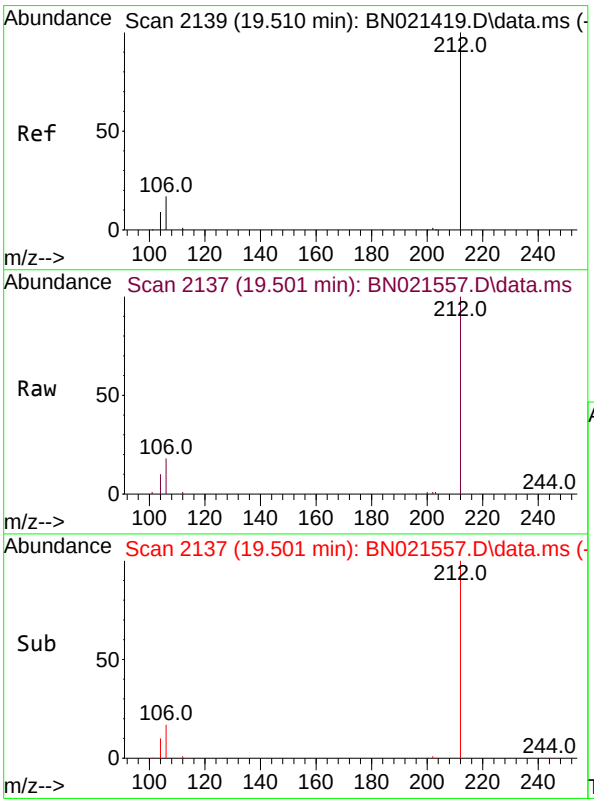
#26
Anthracene
Concen: 0.394 ng
RT: 17.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 17791

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.2	18.2

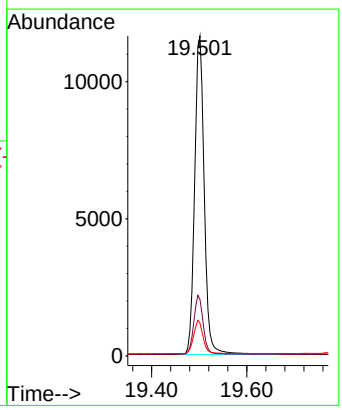


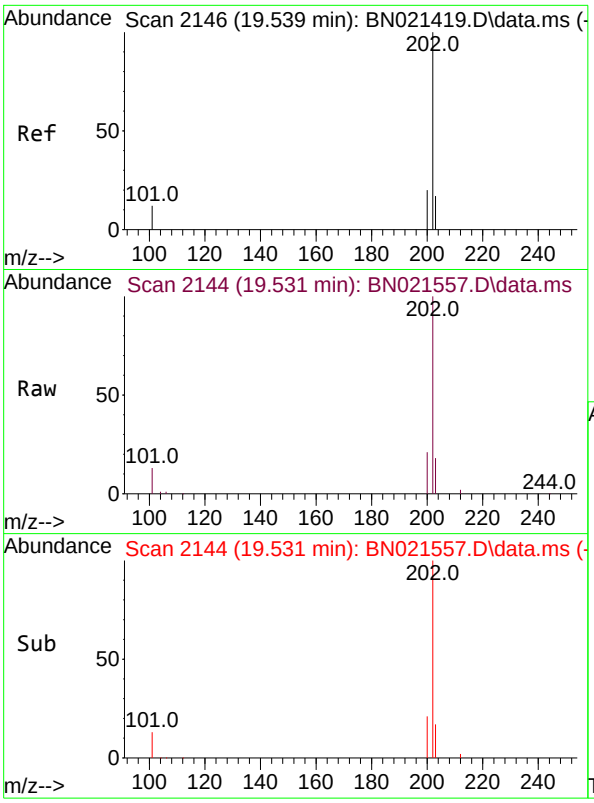


#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:212 Resp: 16372

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.2	21.2
104	10.1	7.8	11.6



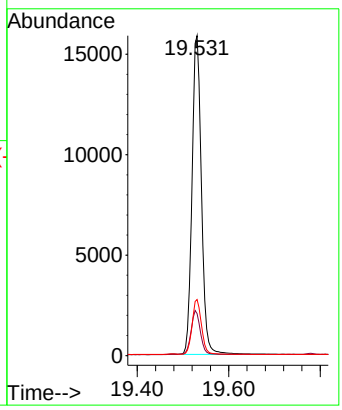


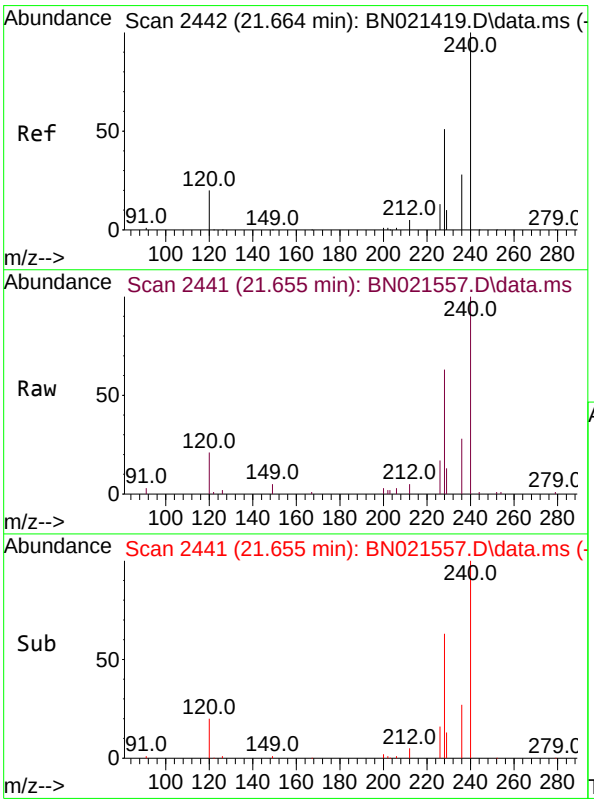
#28
Fluoranthene
Concen: 0.384 ng
RT: 19.531 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 22675

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
203	17.0	13.8	20.6

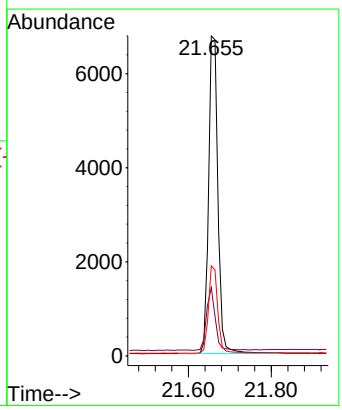


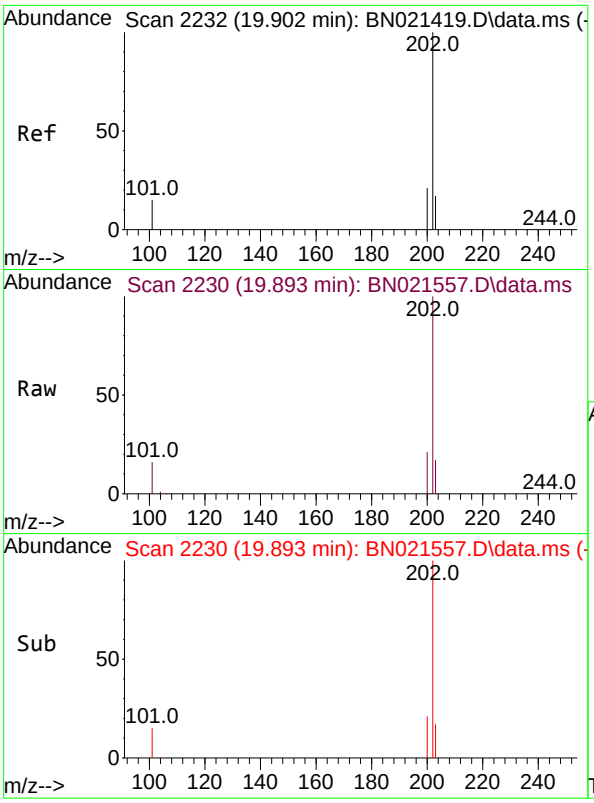


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:240 Resp: 10534

Ion	Ratio	Lower	Upper
240	100		
120	21.3	10.2	15.4#
236	28.1	22.1	33.1



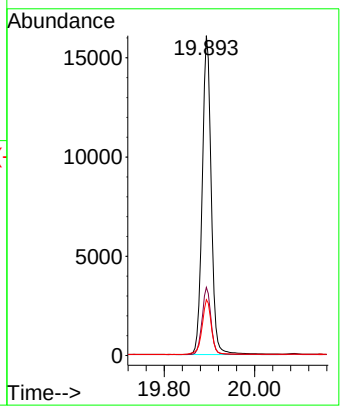


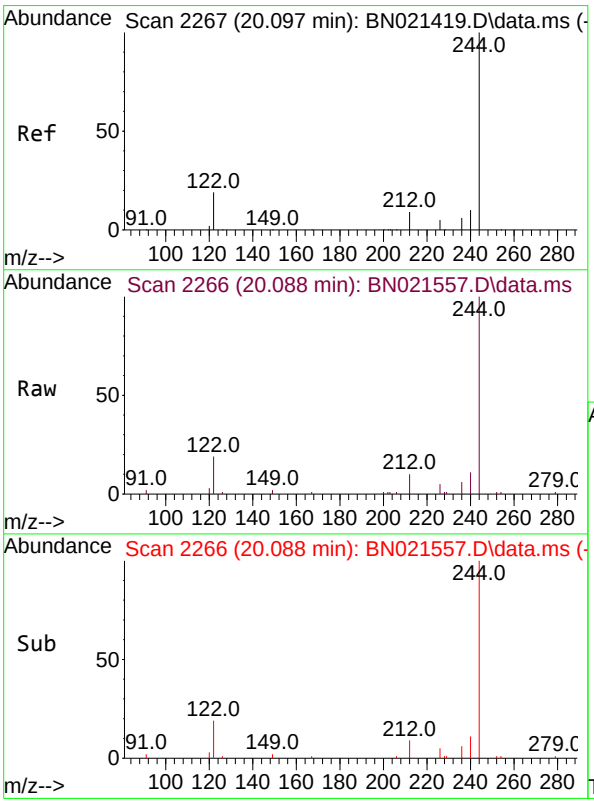
#30
Pyrene
Concen: 0.443 ng
RT: 19.893 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 24897

Ion	Ratio	Lower	Upper
202	100		
200	18.7	13.9	20.9
203	15.8	11.9	17.9

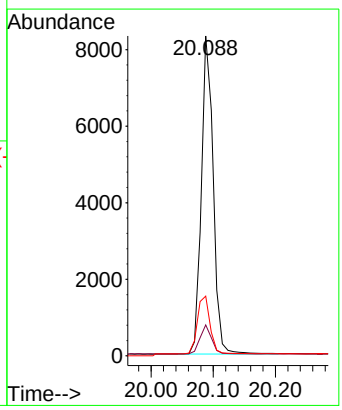


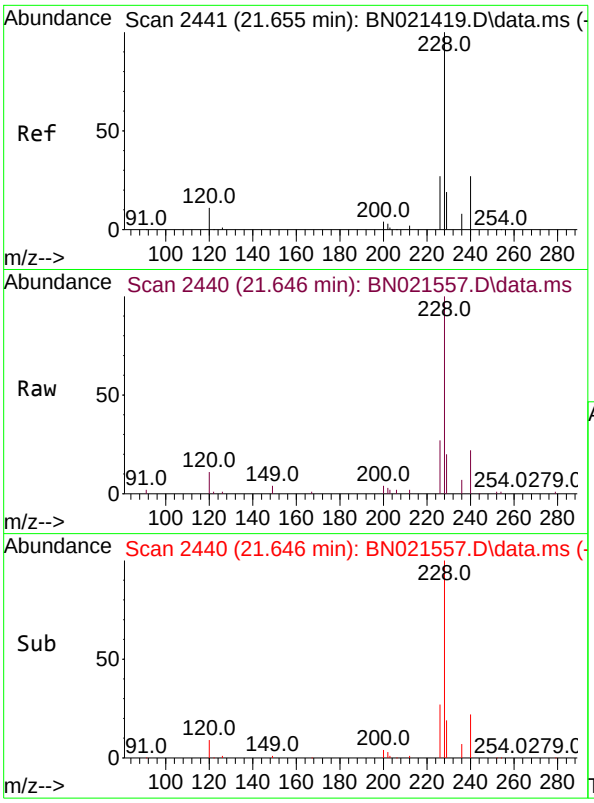


#31
Terphenyl-d14
Concen: 0.466 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:244 Resp: 11026

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.5	9.7
122	18.7	9.1	13.7#



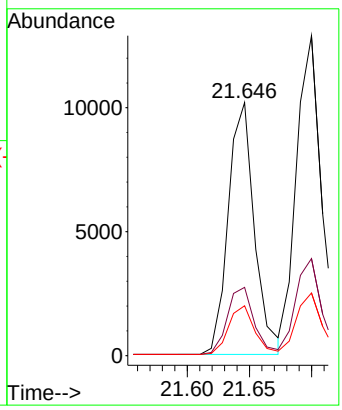


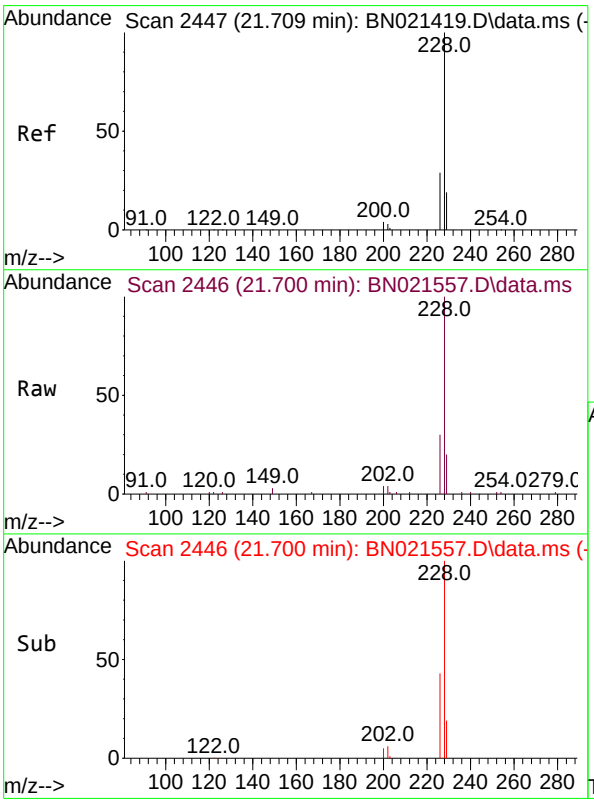
#32
Benzo(a)anthracene
Concen: 0.406 ng
RT: 21.646 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 14895

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.0	33.0
229	19.7	15.9	23.9

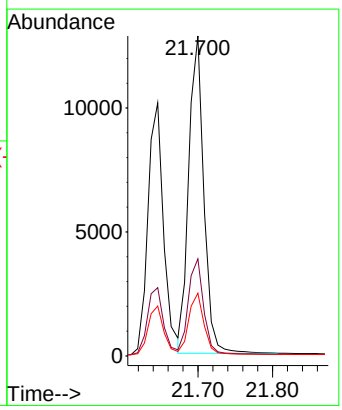


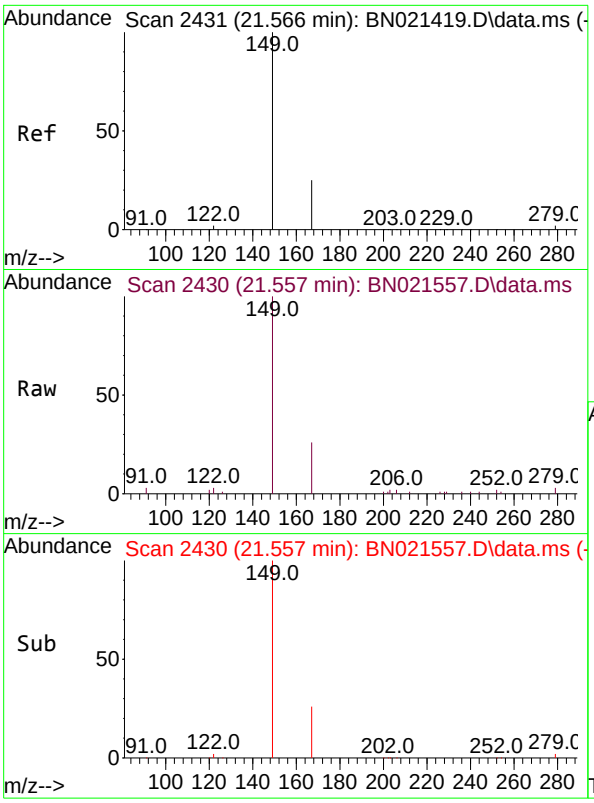


#33
Chrysene
Concen: 0.412 ng
RT: 21.700 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:228 Resp: 18017

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.6	15.9	23.9



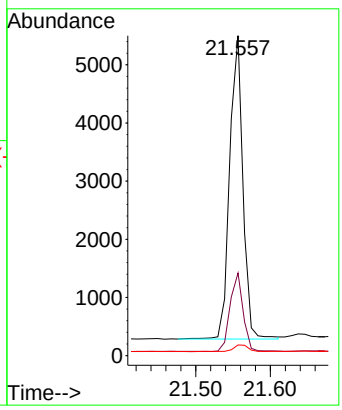


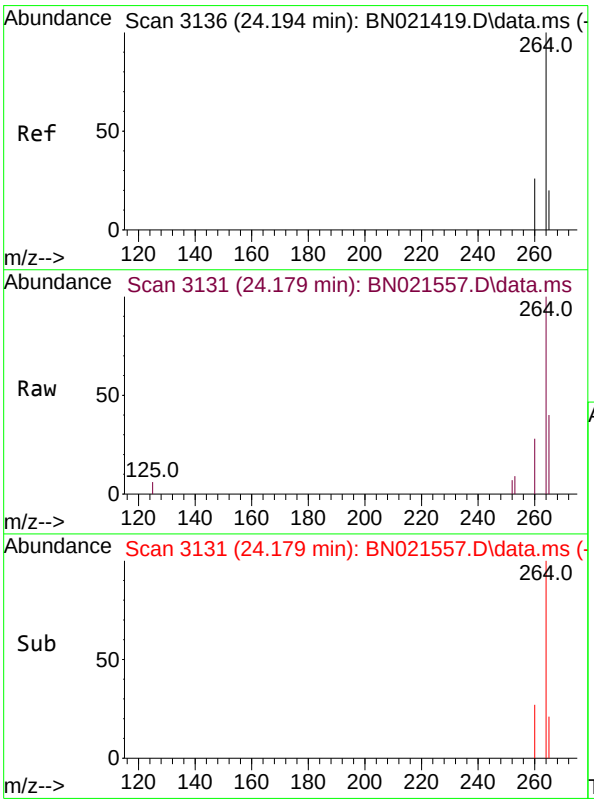
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.435 ng
RT: 21.557 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 6434

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.7	2.2	3.2

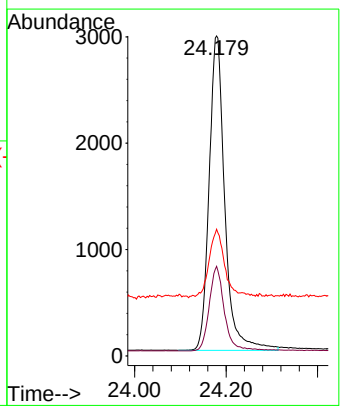


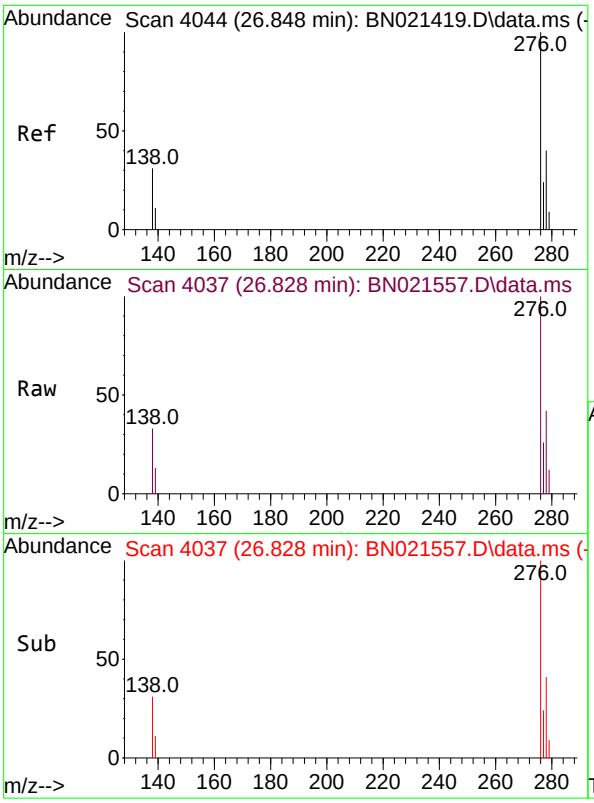


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.179 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:264 Resp: 7028

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.0	31.6
265	39.6	32.2	48.2



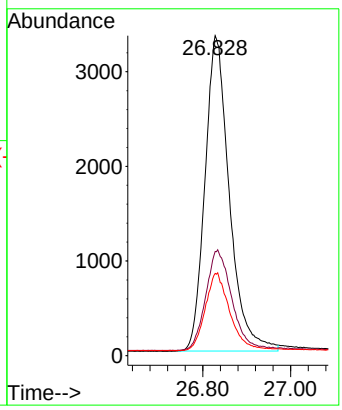


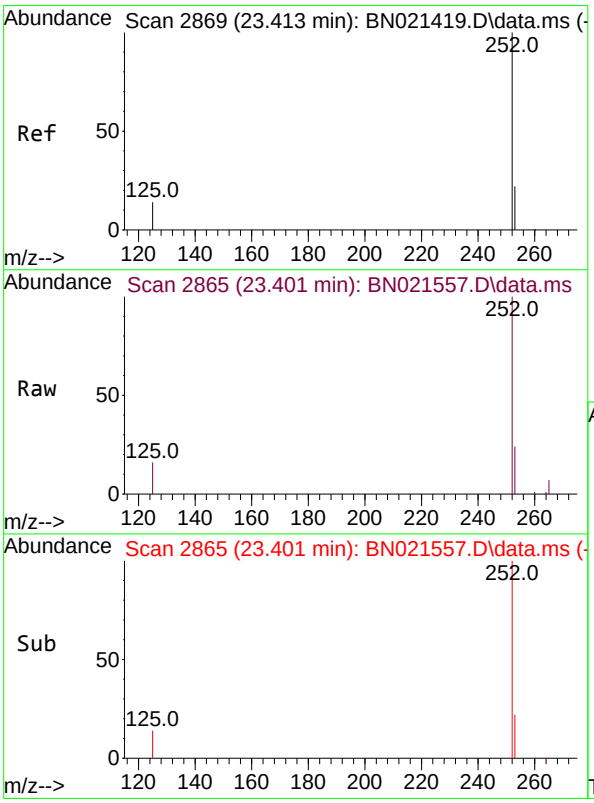
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.828 min Scan# 40
Delta R.T. -0.012 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 12860

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.4	41.2
277	24.8	19.9	29.9

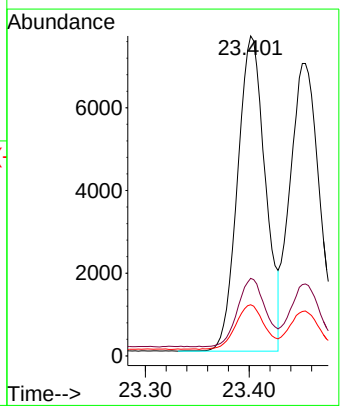


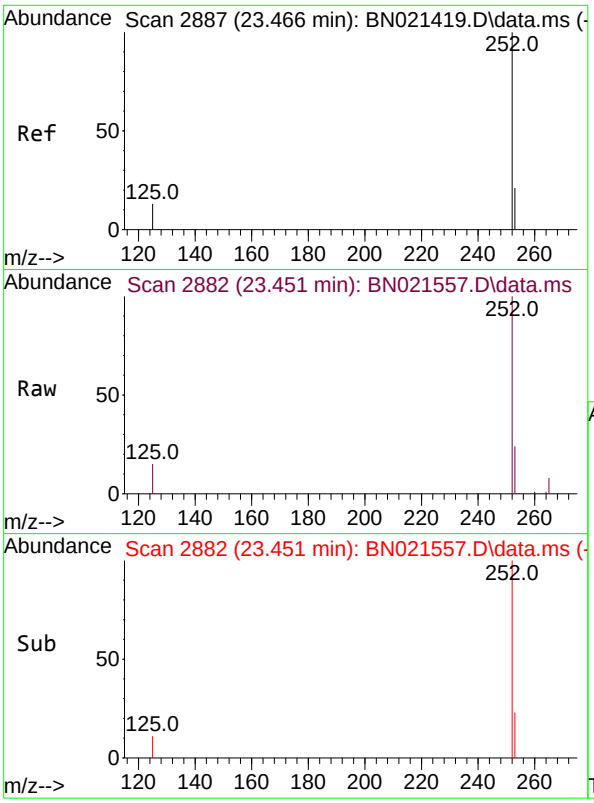


#37
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.401 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:252 Resp: 14138

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.6
125	16.0	13.7	20.5



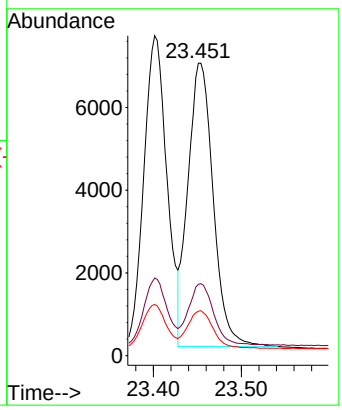


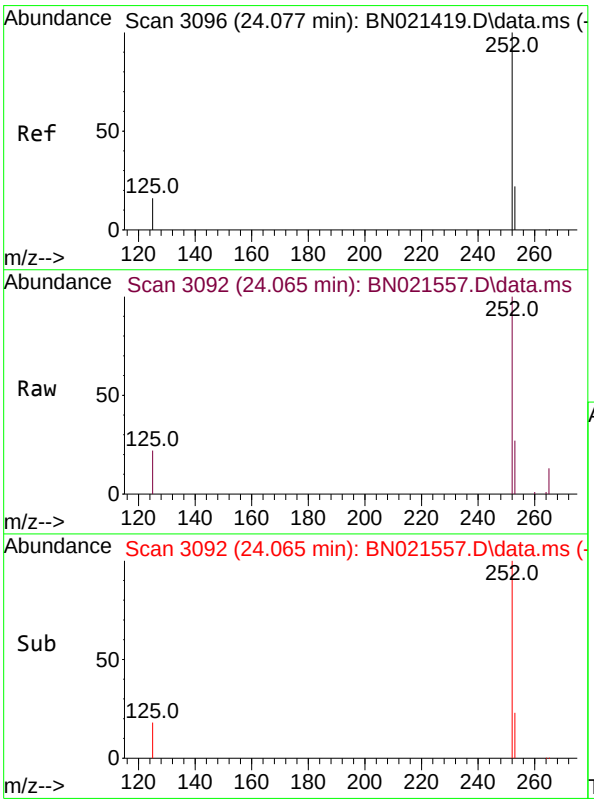
#38
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.451 min Scan# 28
Delta R.T. -0.009 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13668

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.5	29.3
125	15.2	12.3	18.5

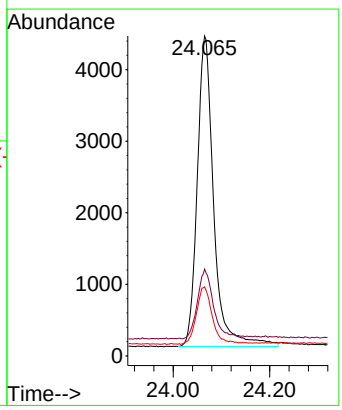


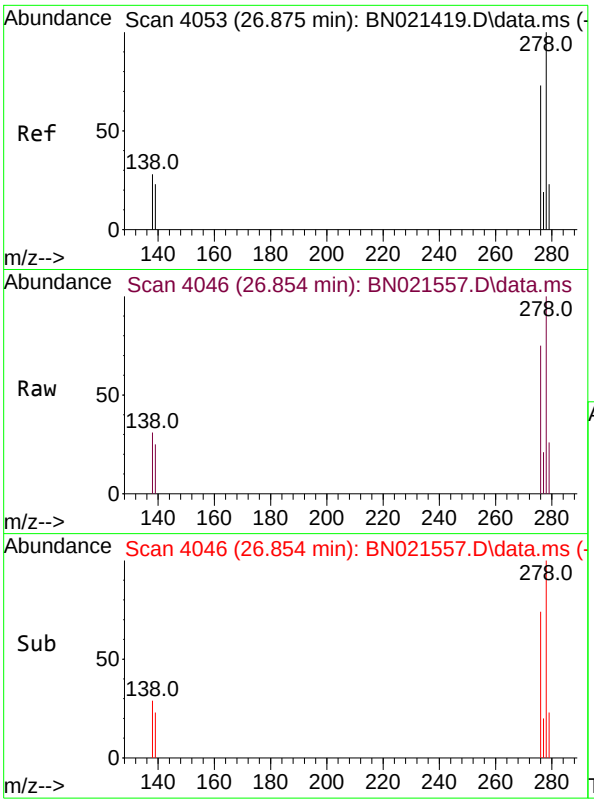


#39
Benzo(a)pyrene
Concen: 0.425 ng
RT: 24.065 min Scan# 3092
Delta R.T. -0.003 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:252 Resp: 10264

Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.1	31.7
125	21.6	16.6	25.0



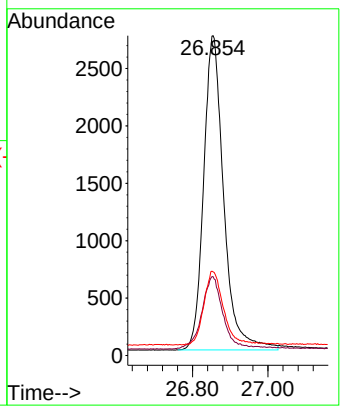


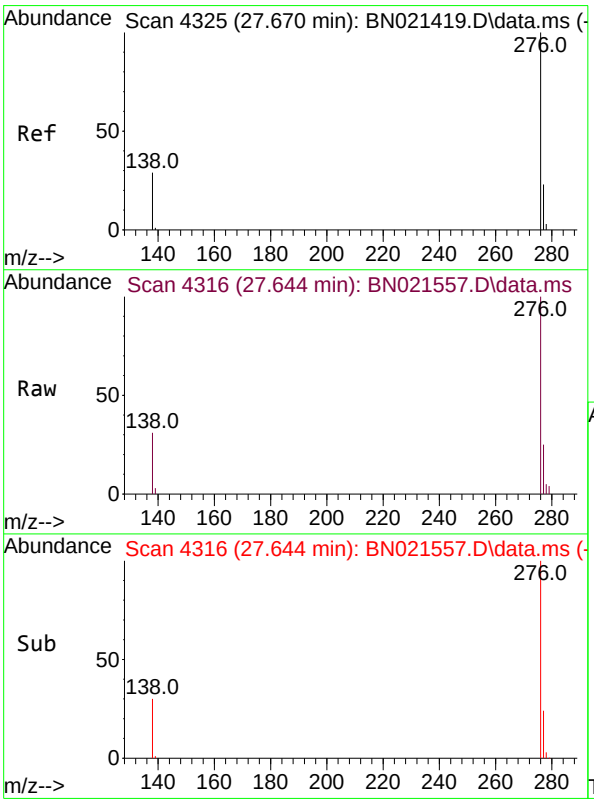
#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.854 min Scan# 40
Delta R.T. -0.003 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 10128

Ion	Ratio	Lower	Upper
278	100		
139	24.7	21.8	32.6
279	26.2	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 27.644 min Scan# 4316
Delta R.T. -0.009 min
Lab File: BN021557.D
Acq: 02 Sep 2022 11:46

Tgt Ion:276 Resp: 10961

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	31.2	23.7	35.5