Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027758.D
Acq On : 20 Sep 2023 10:48
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:28:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	1899	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	6354	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	4303	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	12024	0.400	ng		0.00
29) Chrysene-d12	21.578	240	12111	0.400	ng		0.00
35) Perylene-d12	24.069	264	11748	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	1946	0.405	ng		0.00
5) Phenol-d6	7.163	99	2367	0.394	ng		0.00
8) Nitrobenzene-d5	9.209	82	2031	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	12.411	152	4044	0.436	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	677	0.370	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	5893	0.406	ng		0.00
27) Fluoranthene-d10	19.421	212	12926	0.414	ng		0.00
31) Terphenyl-d14	20.006	244	9339	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	955	0.410	ng		100
3) n-Nitrosodimethylamine	3.776	42	1134	0.423	ng		100
6) bis(2-Chloroethyl)ether	7.445	93	2527	0.430	ng		100
9) Naphthalene	10.885	128	7518	0.427	ng		100
10) Hexachlorobutadiene	11.109	225	1328	0.434	ng	#	100
12) 2-Methylnaphthalene	12.487	142	5215	0.426	ng		100
16) Acenaphthylene	14.373	152	7513	0.408	ng		100
17) Acenaphthene	14.705	154	5686	0.436	ng		100
18) Fluorene	15.693	166	8219	0.434	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	374	0.323	ng		100
21) 4-Bromophenyl-phenylether	16.586	248	2478	0.404	ng		100
22) Hexachlorobenzene	16.661	284	2884	0.413	ng		100
23) Atrazine	16.847	200	1757	0.388	ng		100
24) Pentachlorophenol	17.033	266	925	0.378	ng		100
25) Phenanthrene	17.443	178	14579	0.414	ng		100
26) Anthracene	17.530	178	12037	0.400	ng		100
28) Fluoranthene	19.449	202	17663	0.409	ng		100
30) Pyrene	19.816	202	18229	0.419	ng		100
32) Benzo(a)anthracene	21.560	228	17238	0.410	ng		100
33) Chrysene	21.614	228	19641	0.424	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	7090	0.381	ng		100
36) Indeno(1,2,3-cd)pyrene	26.709	276	19465	0.389	ng		100
37) Benzo(b)fluoranthene	23.294	252	18270	0.393	ng		100
38) Benzo(k)fluoranthene	23.347	252	18453	0.392	ng		100
39) Benzo(a)pyrene	23.961	252	16735	0.397	ng		100
40) Dibenzo(a,h)anthracene	26.726	278	15924	0.390	ng		100
41) Benzo(g,h,i)perylene	27.516	276	18129	0.402	ng		100

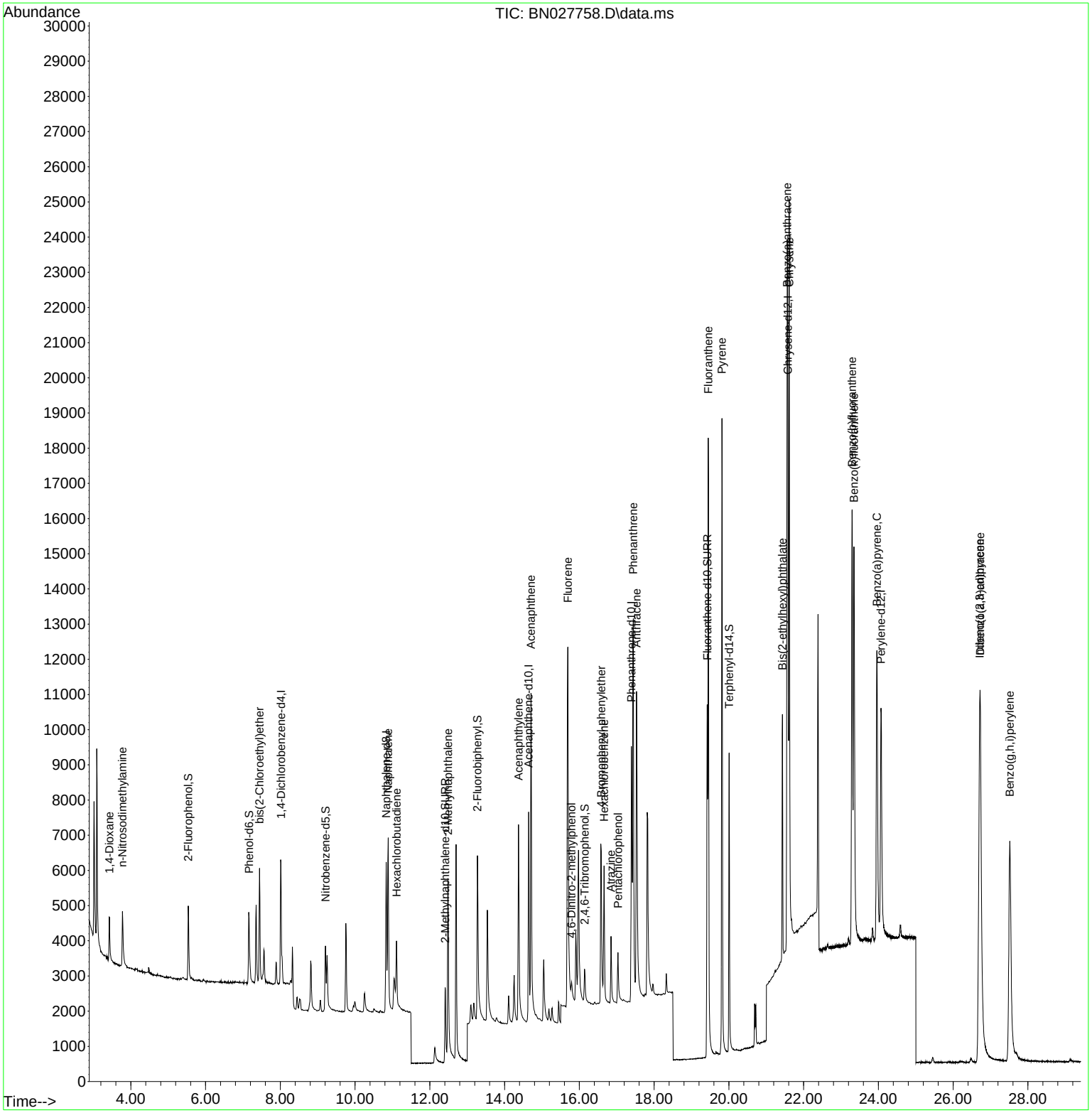
(#) = qualifier out of range (m) = manual integration (+) = signals summed

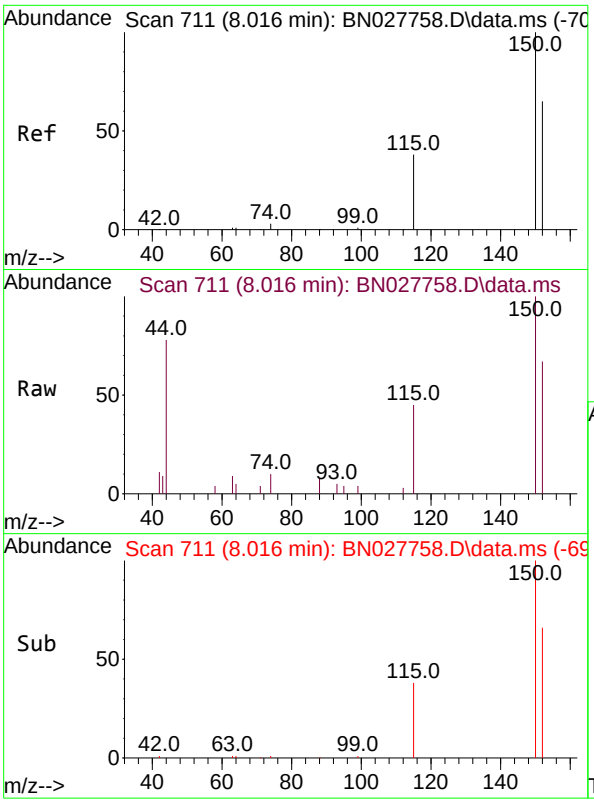
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027758.D
Acq On : 20 Sep 2023 10:48
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:28:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration



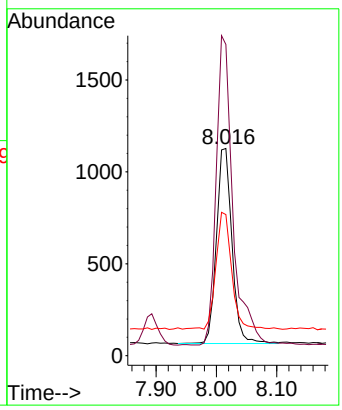


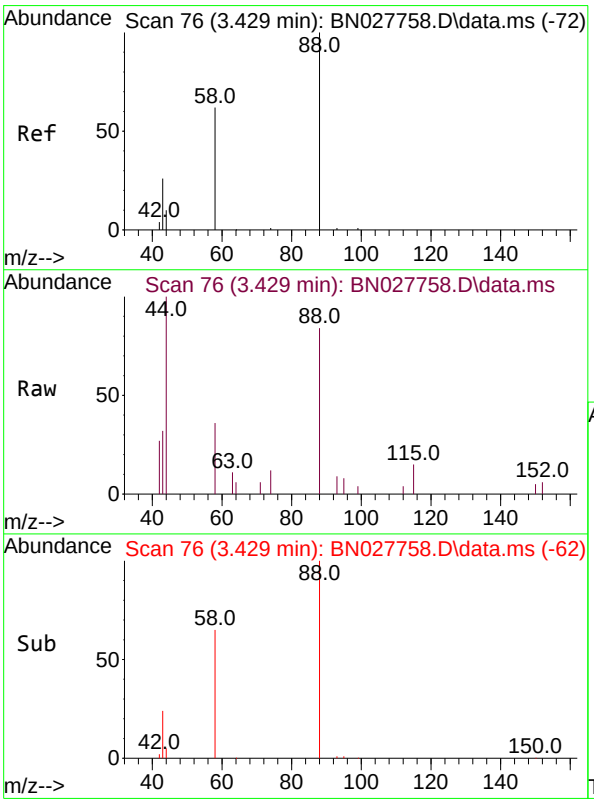
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.016 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1899

Ion	Ratio	Lower	Upper
152	100		
150	150.2	120.2	180.2
115	68.1	54.5	81.7

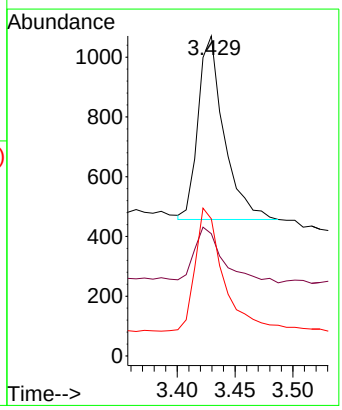


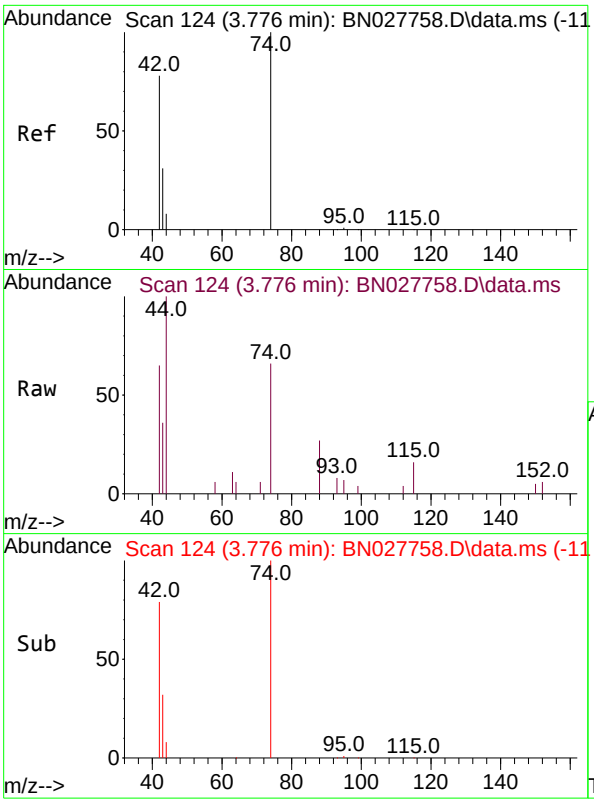


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.429 min Scan# 76
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 88 Resp: 955

Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.0	40.6
58	73.8	59.0	88.6



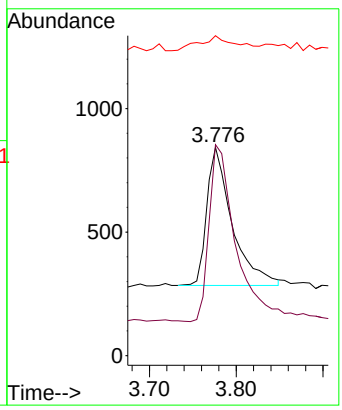


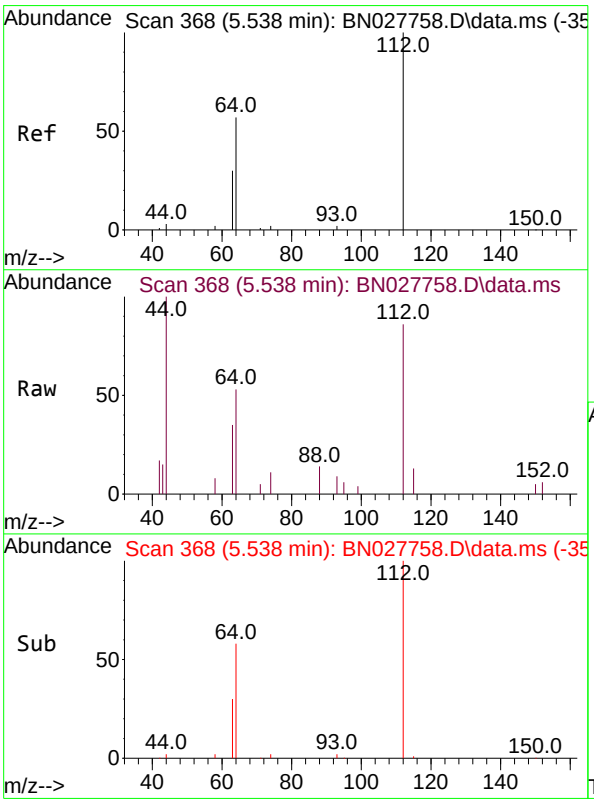
#3
n-Nitrosodimethylamine
Concen: 0.423 ng
RT: 3.776 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1134

Ion	Ratio	Lower	Upper
42	100		
74	132.0	105.6	158.4
44	15.4	12.3	18.5

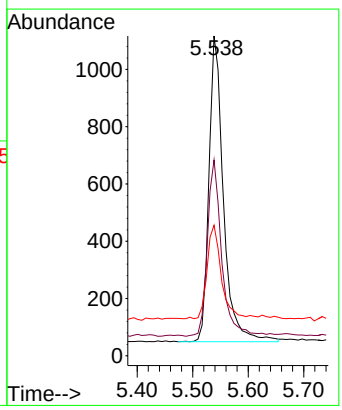


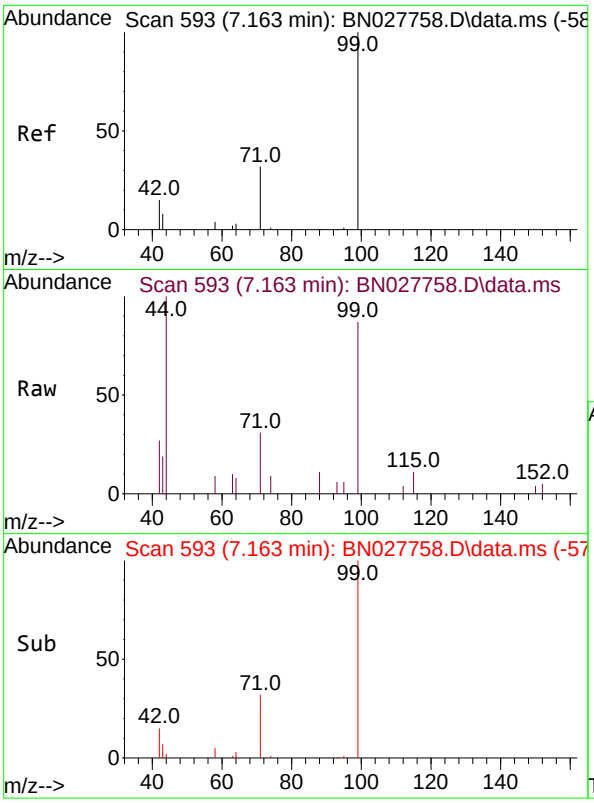


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.538 min Scan# 368
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:112 Resp: 1946

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.1	69.1
63	30.0	24.0	36.0



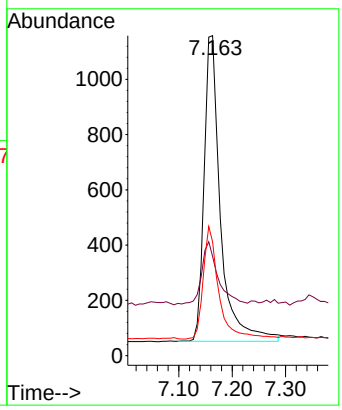


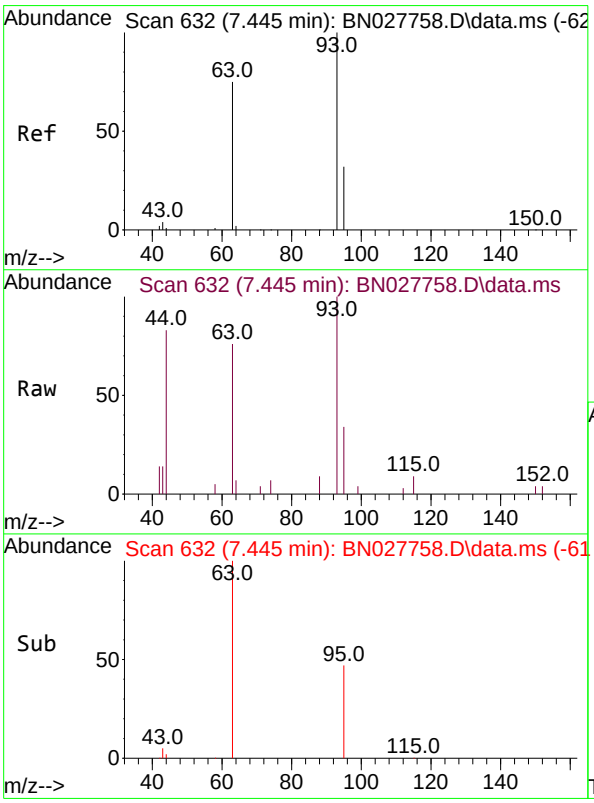
#5
Phenol-d6
Concen: 0.394 ng
RT: 7.163 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2367

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	35.1	28.1	42.1

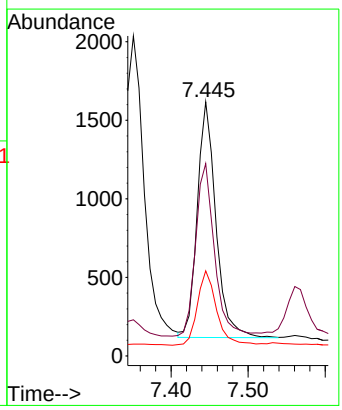


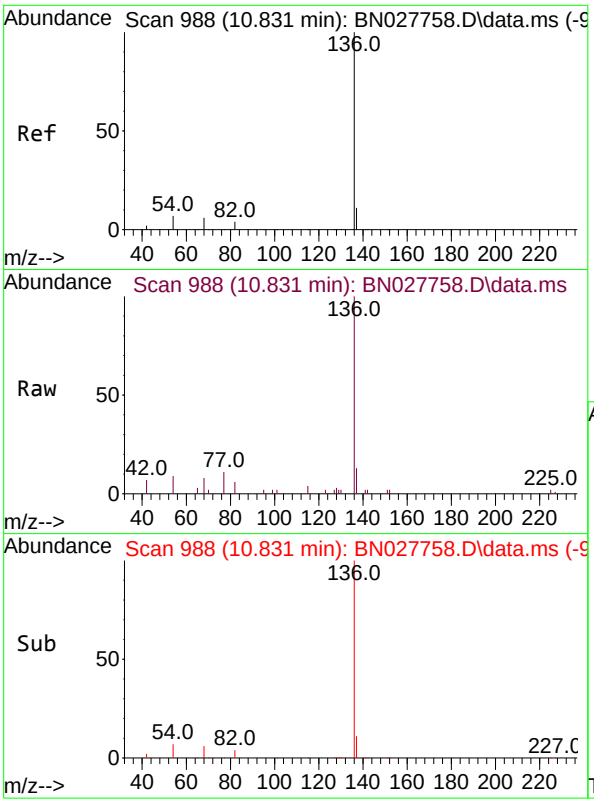


#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.445 min Scan# 632
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 93 Resp: 2527

Ion	Ratio	Lower	Upper
93	100		
63	74.4	59.5	89.3
95	32.5	26.0	39.0



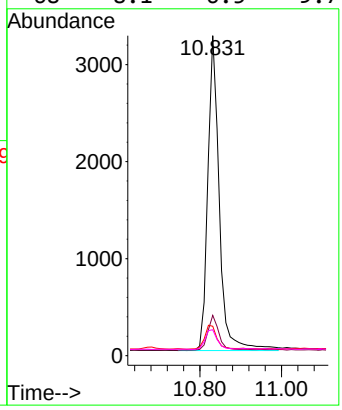


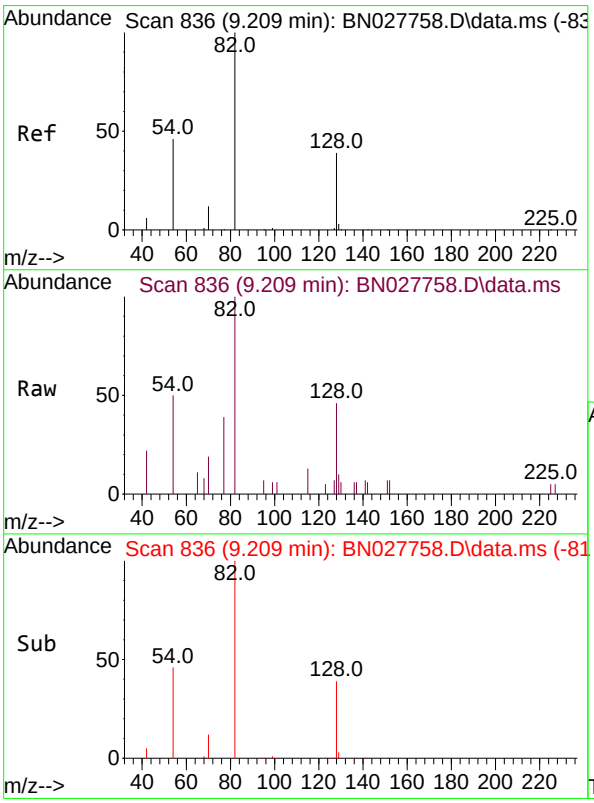
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6354

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.1	15.1
54	9.2	7.4	11.0
68	8.1	6.5	9.7

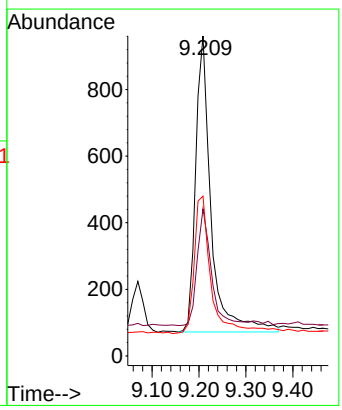


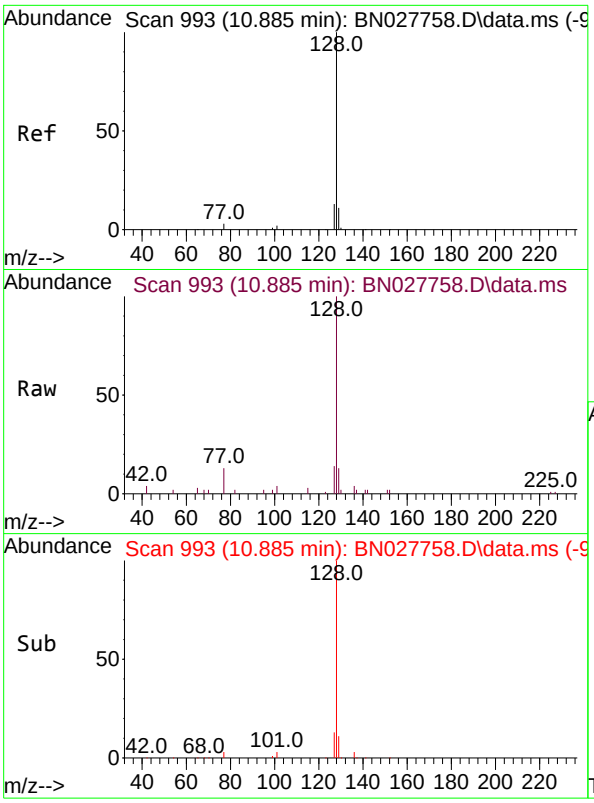


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 9.209 min Scan# 836
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion: 82 Resp: 2031

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.8	55.2
54	49.9	39.9	59.9



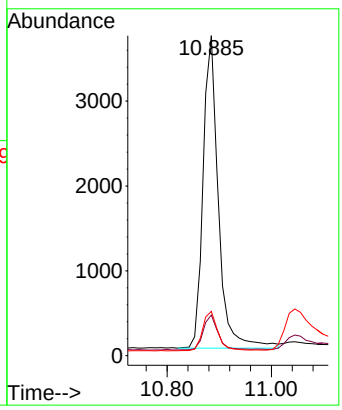


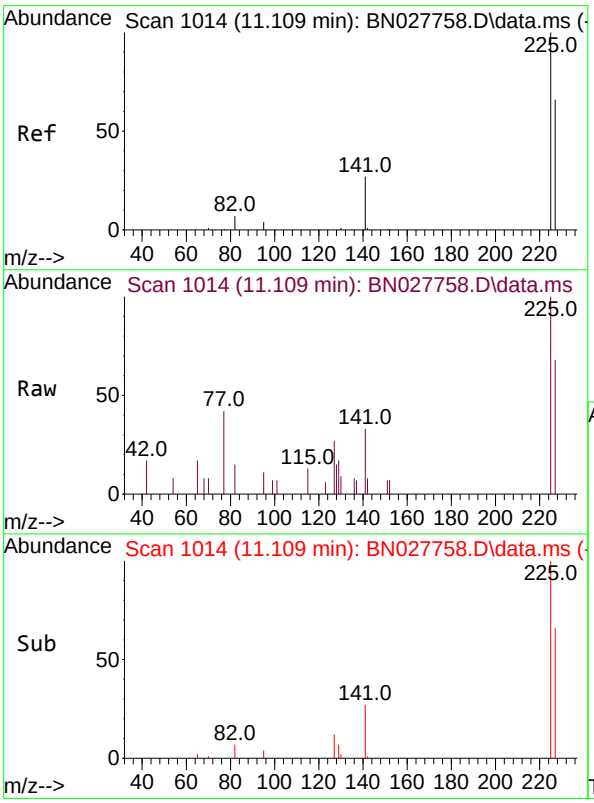
#9
Naphthalene
Concen: 0.427 ng
RT: 10.885 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7518

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.2	15.2
127	13.9	11.1	16.7

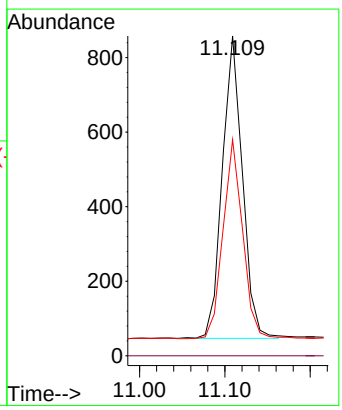


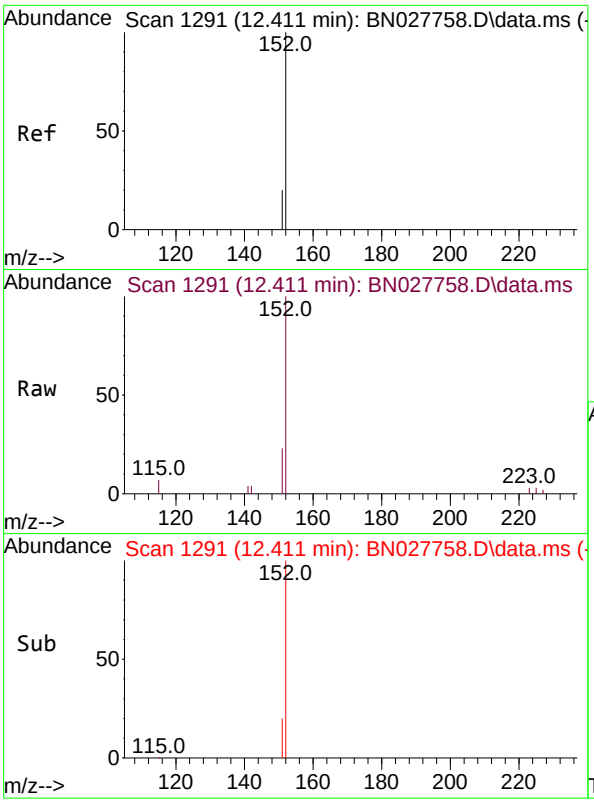


#10
Hexachlorobutadiene
Concen: 0.434 ng
RT: 11.109 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:225 Resp: 1328

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.4	77.0



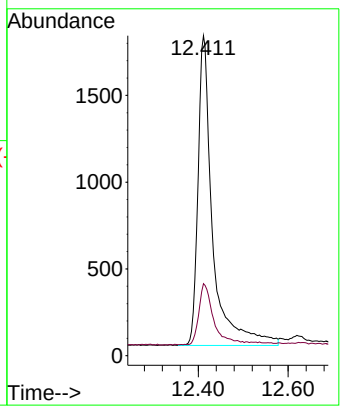


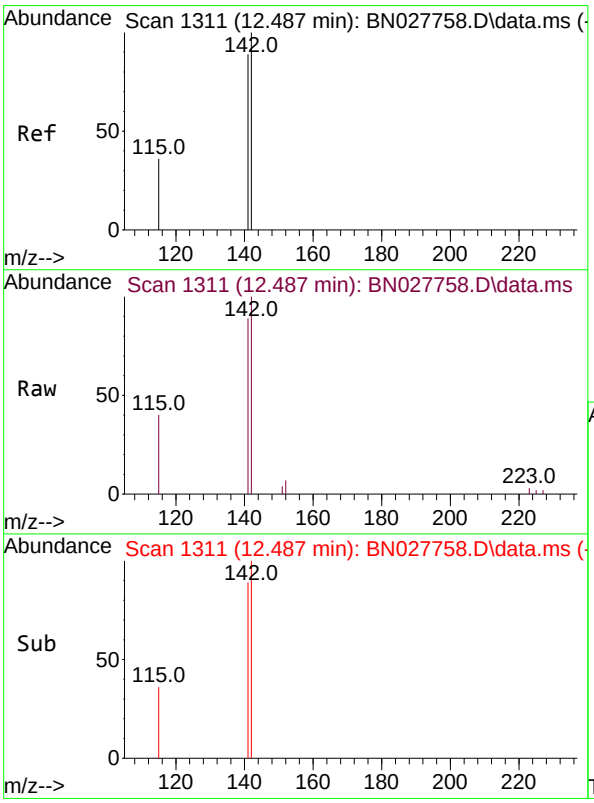
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.411 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4044

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4

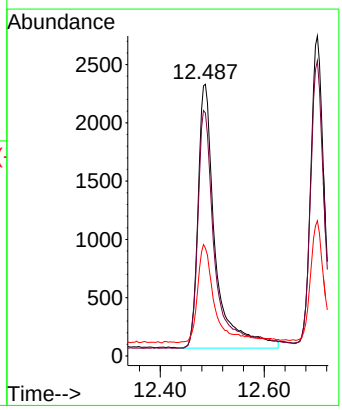


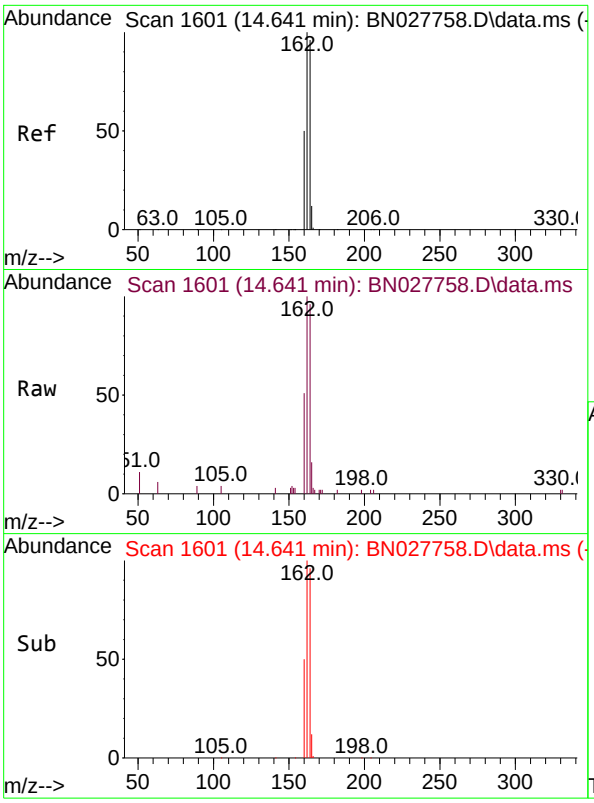


#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.487 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:142 Resp: 5215

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3
115	39.7	31.8	47.6



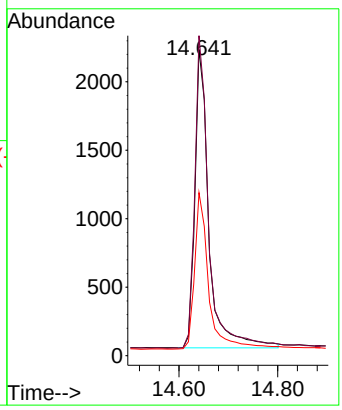


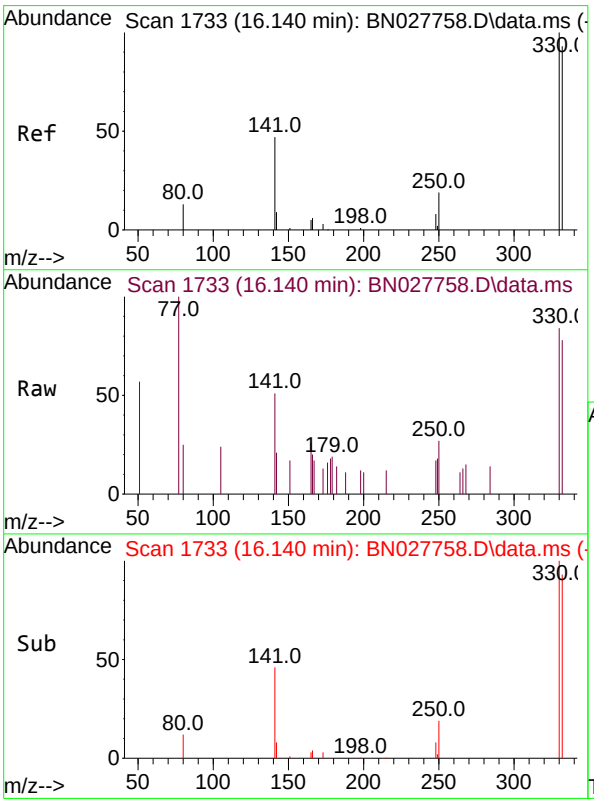
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4303

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.6	125.4
160	53.3	42.6	64.0

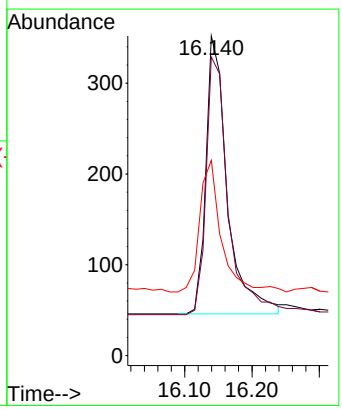


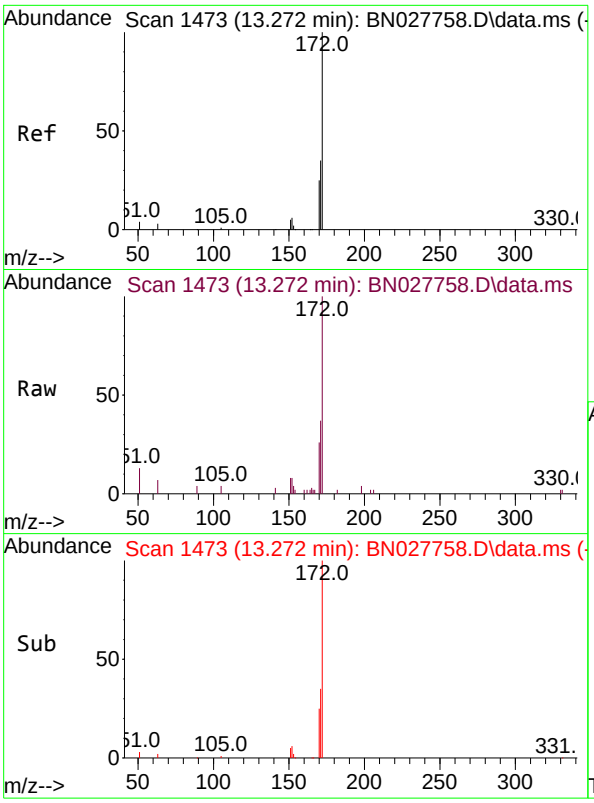


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 16.140 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:330 Resp: 677

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.4
141	47.6	38.1	57.1



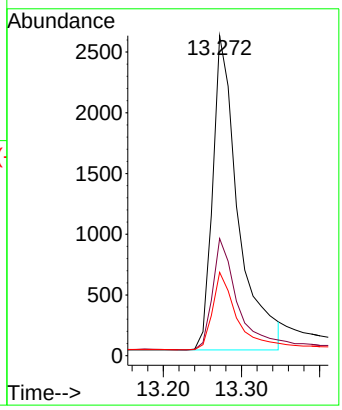


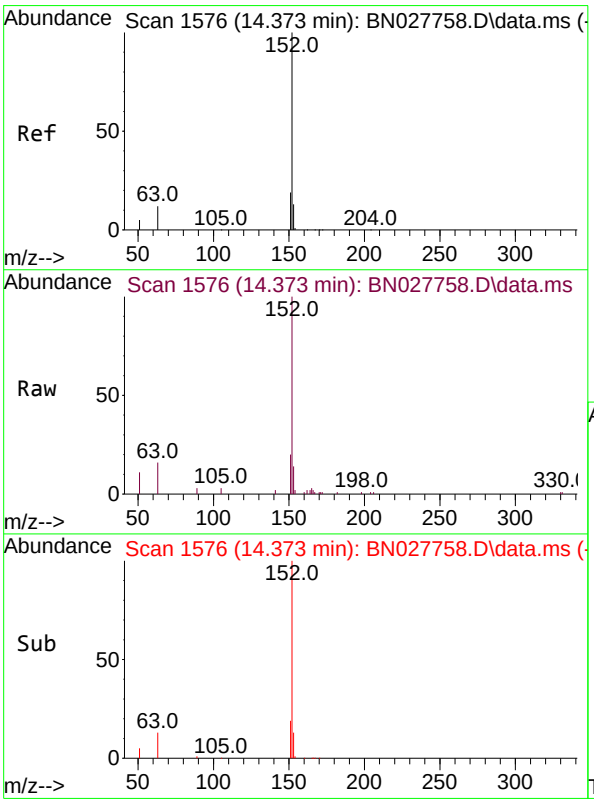
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.272 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5893

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	26.0	20.8	31.2

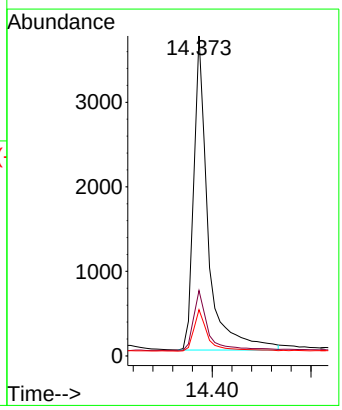


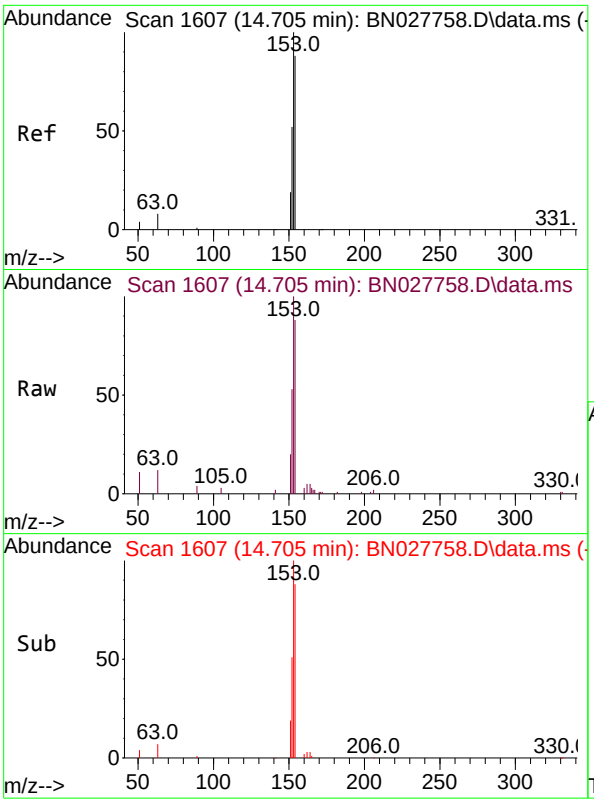


#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.373 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:152 Resp: 7513

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.2	10.6	15.8



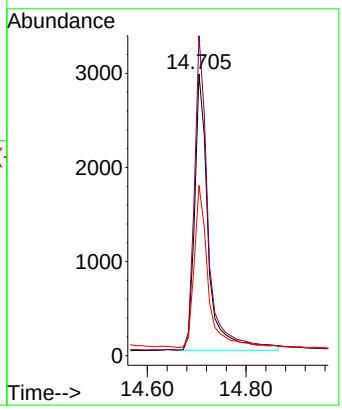


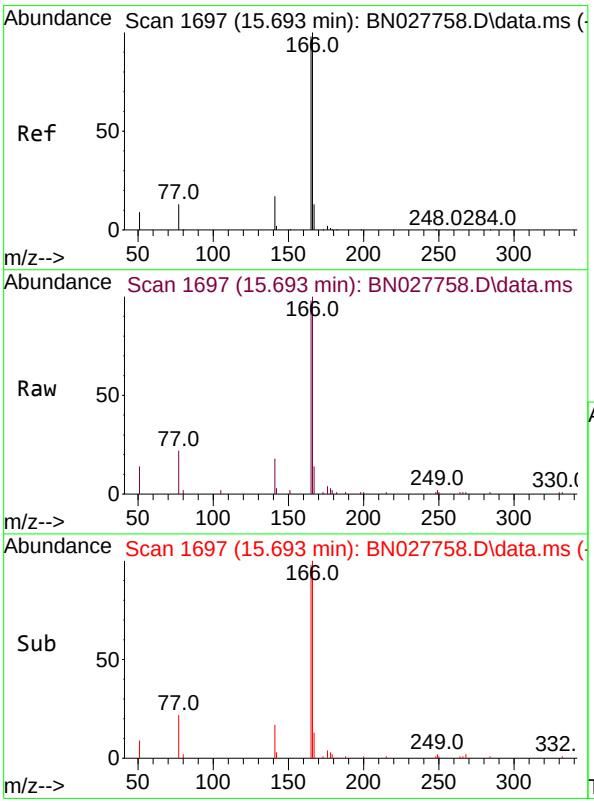
#17
Acenaphthene
Concen: 0.436 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 5686

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.6
152	59.3	47.4	71.2

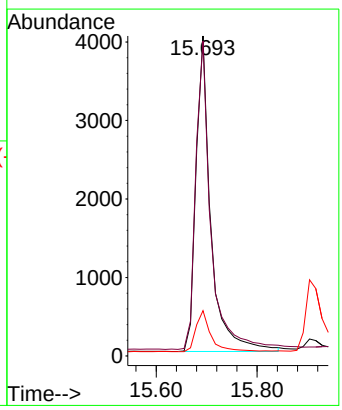


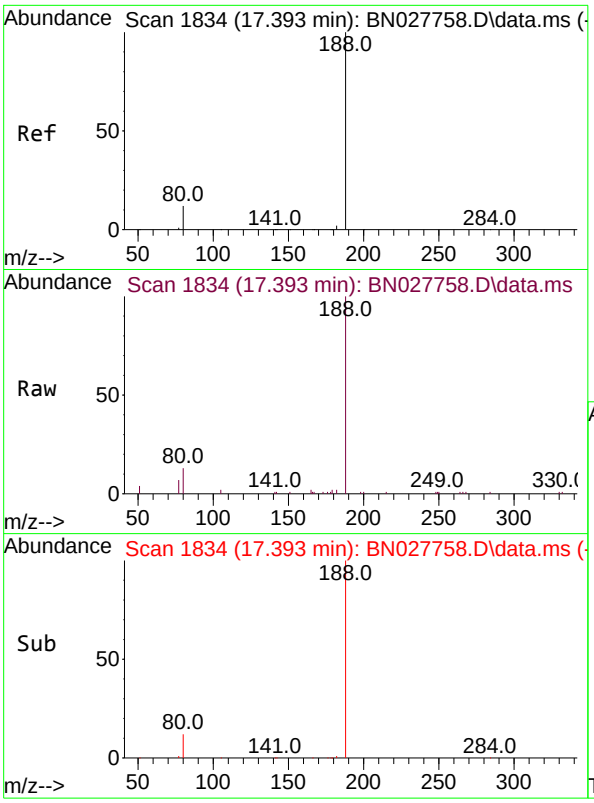


#18
Fluorene
Concen: 0.434 ng
RT: 15.693 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:166 Resp: 8219

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.3	118.9
167	13.3	10.6	16.0



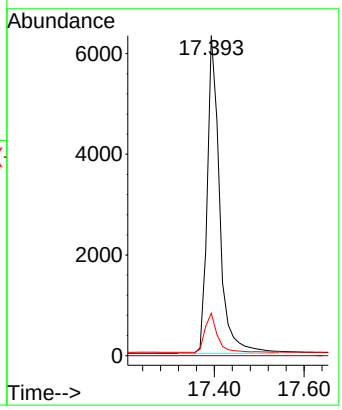


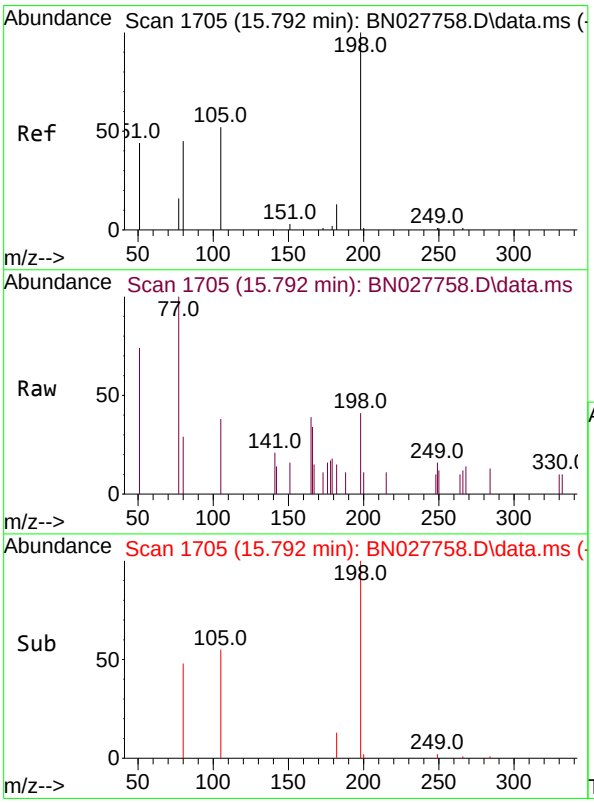
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12024

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	10.6	16.0

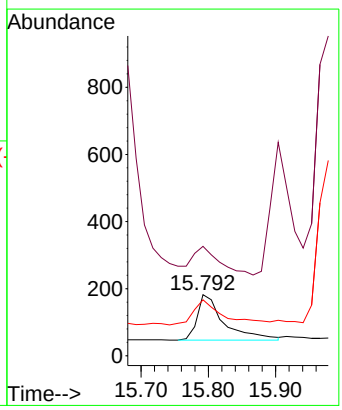


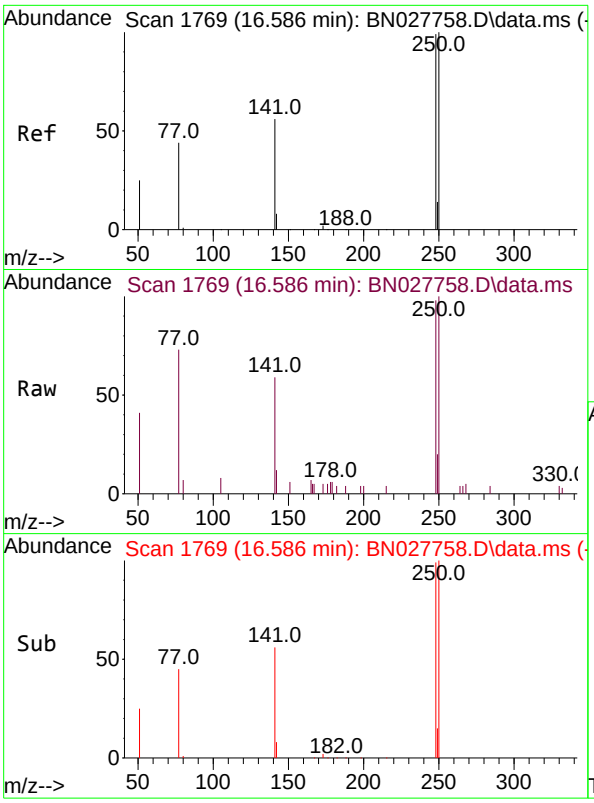


#20
4,6-Dinitro-2-methylphenol
Concen: 0.323 ng
RT: 15.792 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:198 Resp: 374

Ion	Ratio	Lower	Upper
198	100		
51	179.1	143.3	214.9
105	91.8	73.4	110.2



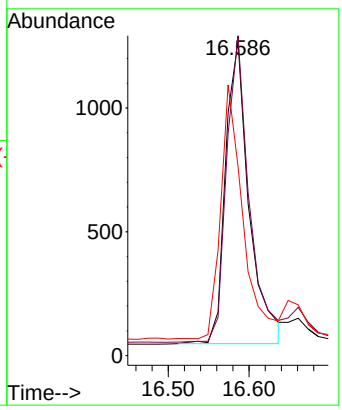


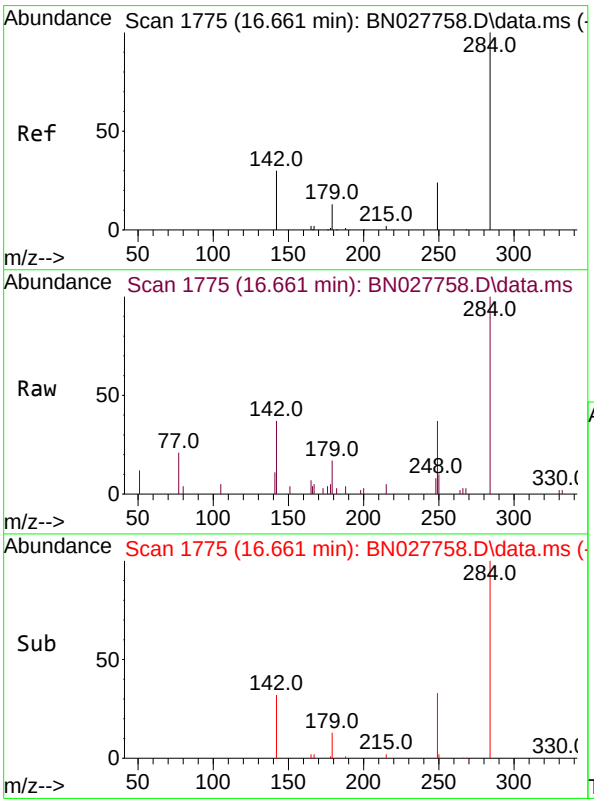
#21
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.586 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2478

Ion	Ratio	Lower	Upper
248	100		
250	101.8	81.4	122.2
141	60.3	48.2	72.4

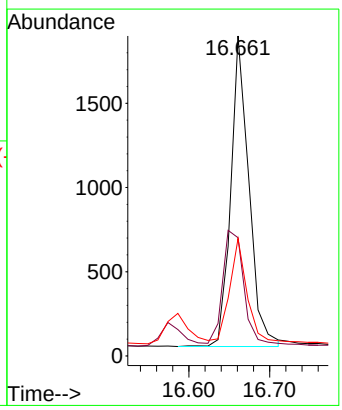


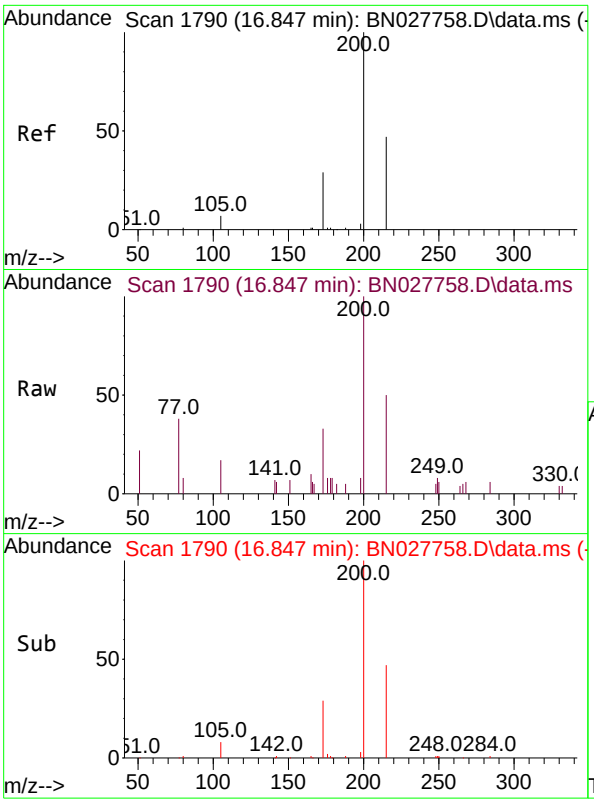


#22
Hexachlorobenzene
Concen: 0.413 ng
RT: 16.661 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:284 Resp: 2884

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.9	49.3
249	30.1	24.1	36.1



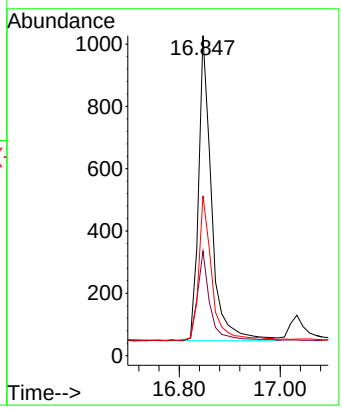


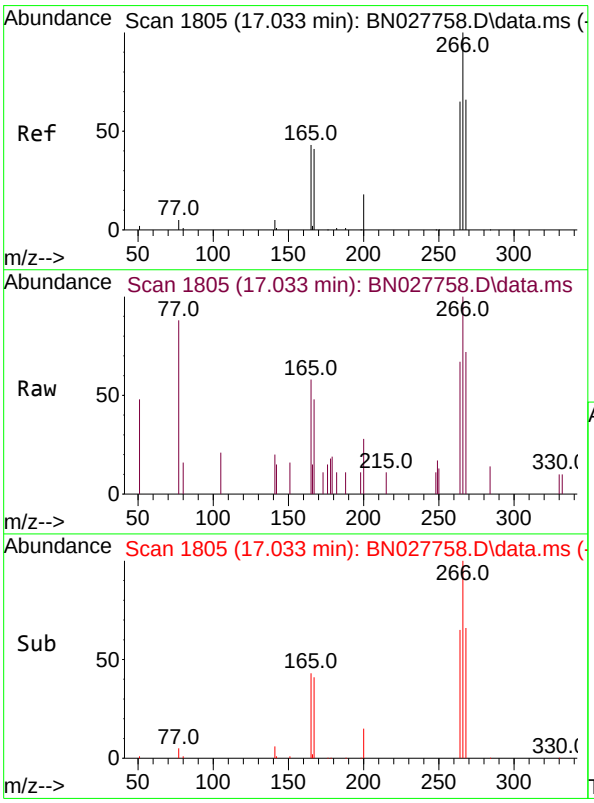
#23
Atrazine
Concen: 0.388 ng
RT: 16.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1757

Ion	Ratio	Lower	Upper
200	100		
173	32.6	26.1	39.1
215	50.0	40.0	60.0

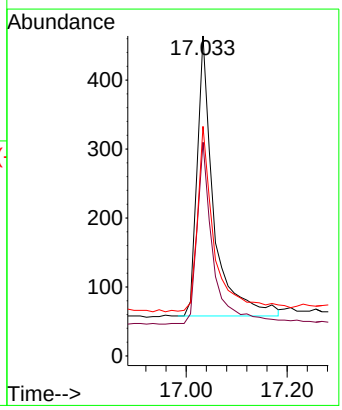


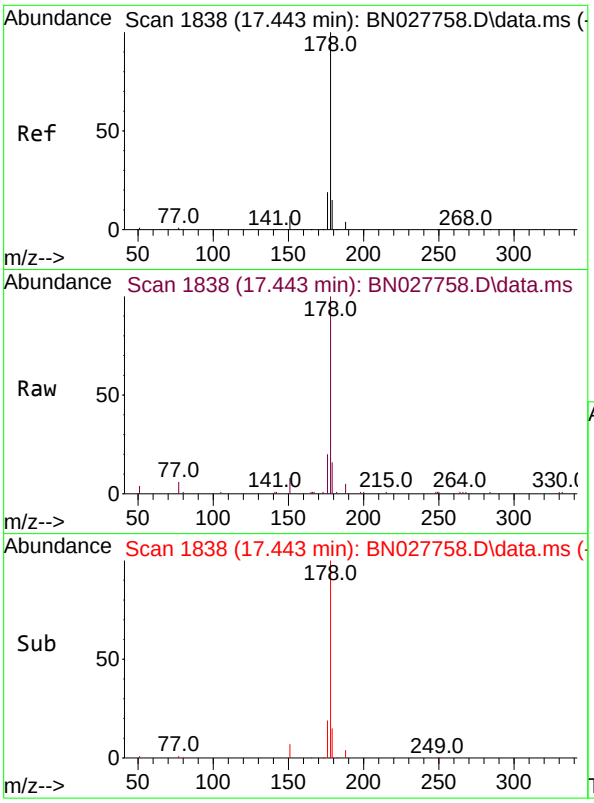


#24
Pentachlorophenol
Concen: 0.378 ng
RT: 17.033 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:266 Resp: 925

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.8	76.2
268	66.3	53.0	79.6



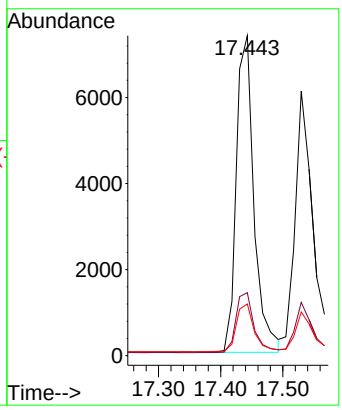


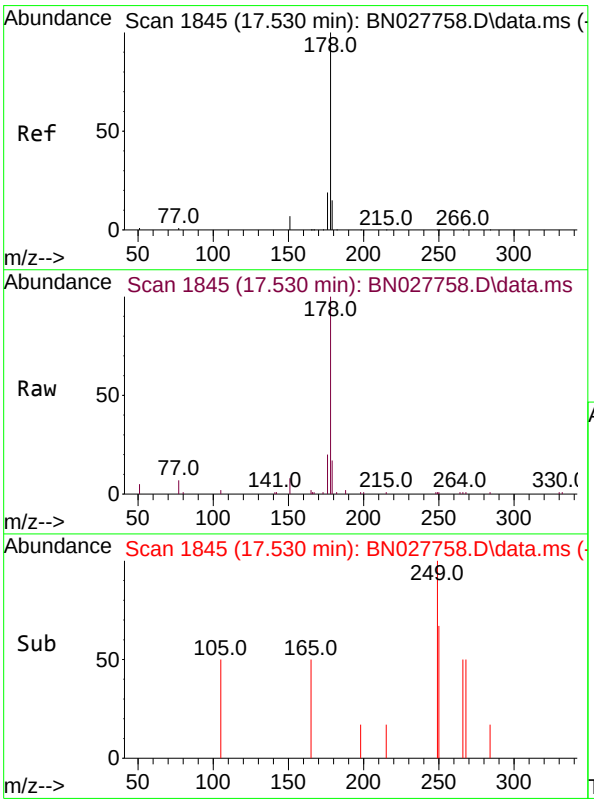
#25
Phenanthrene
Concen: 0.414 ng
RT: 17.443 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 14579

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.3	18.5

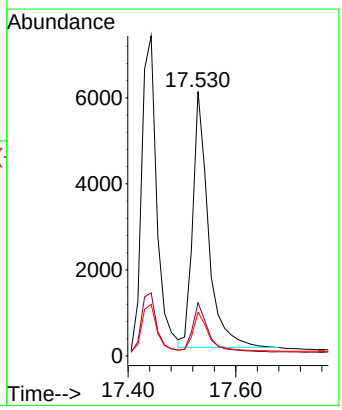


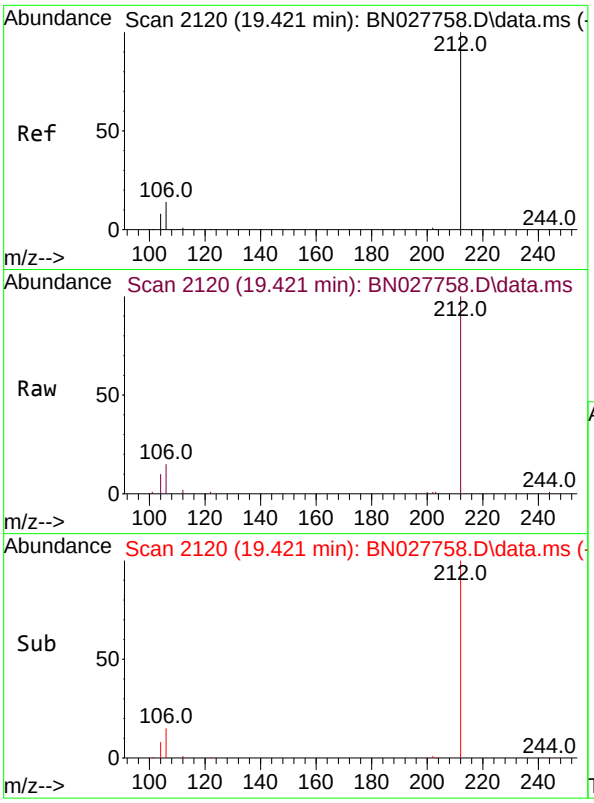


#26
Anthracene
Concen: 0.400 ng
RT: 17.530 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:178 Resp: 12037

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.2	12.2	18.2



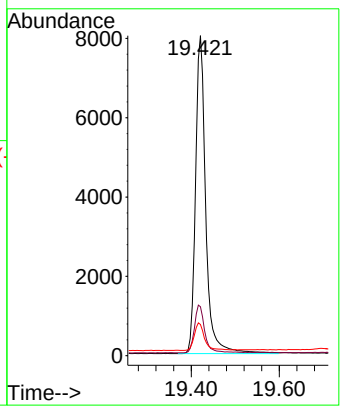


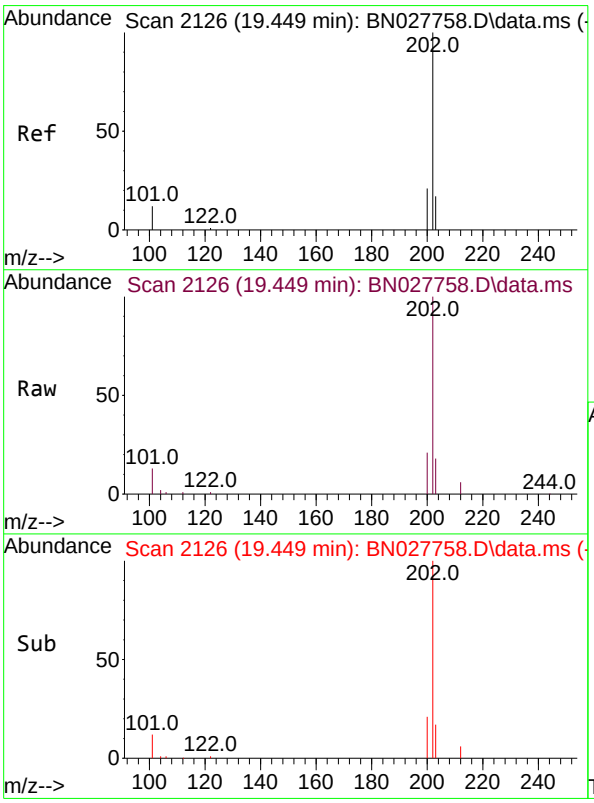
#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.421 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12926

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.2
104	8.7	7.0	10.4

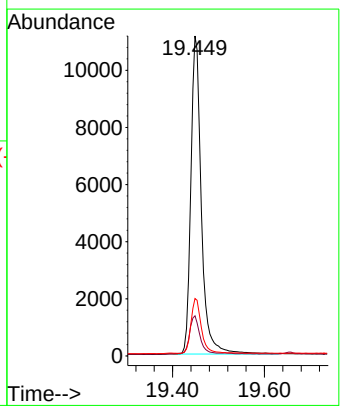


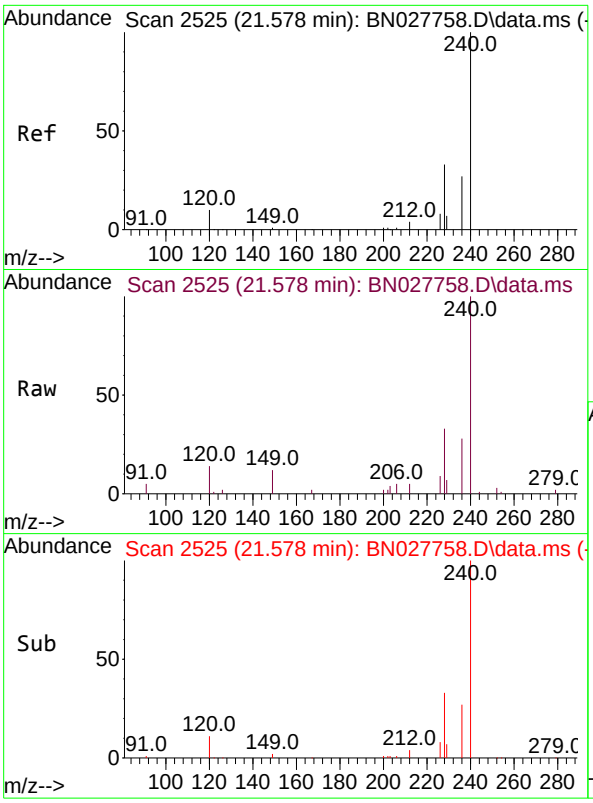


#28
Fluoranthene
Concen: 0.409 ng
RT: 19.449 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:202 Resp: 17663

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.2	13.8	20.6



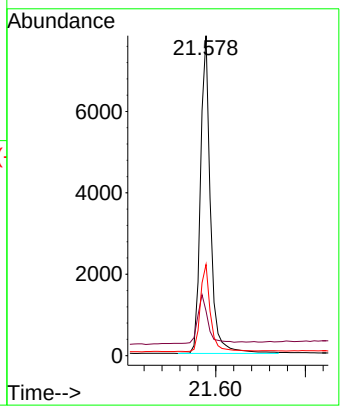


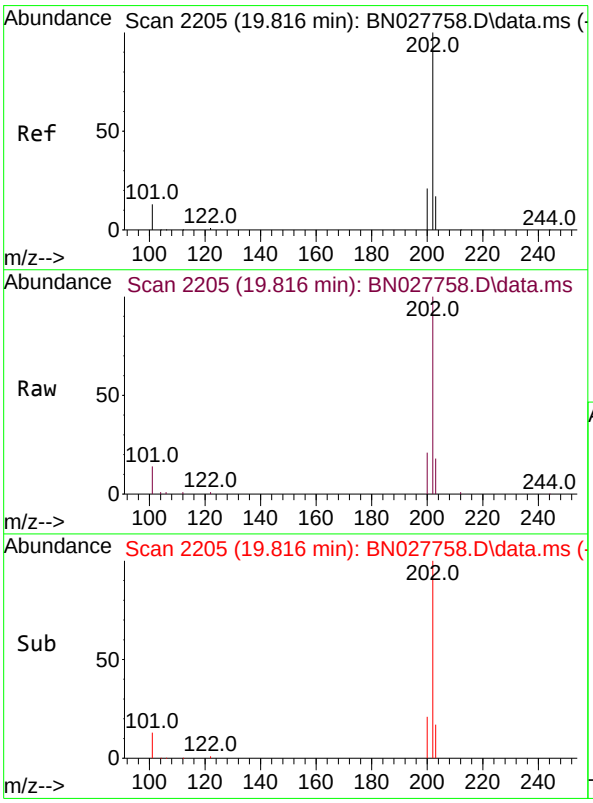
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 12111

Ion	Ratio	Lower	Upper
240	100		
120	14.0	11.2	16.8
236	28.5	22.8	34.2

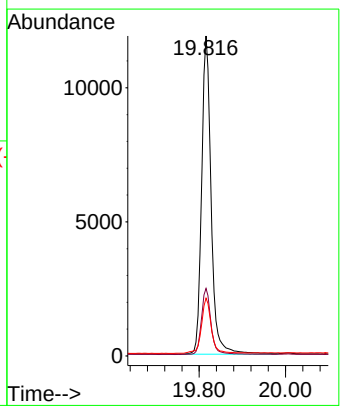


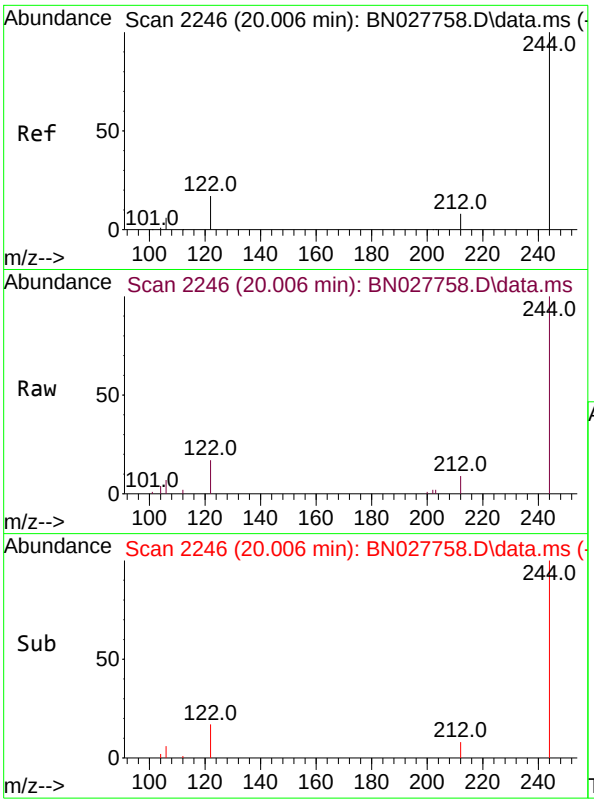


#30
Pyrene
Concen: 0.419 ng
RT: 19.816 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:202 Resp: 18229

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.2	21.4



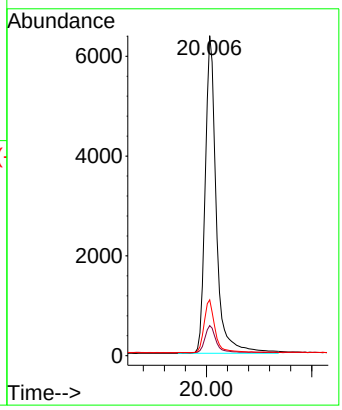


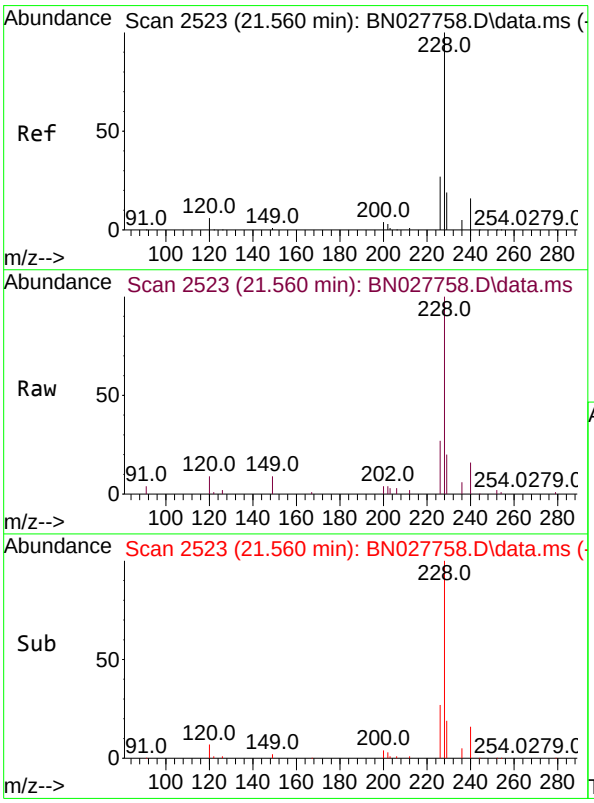
#31
Terphenyl-d14
Concen: 0.400 ng
RT: 20.006 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9339

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.5	11.3
122	17.4	13.9	20.9

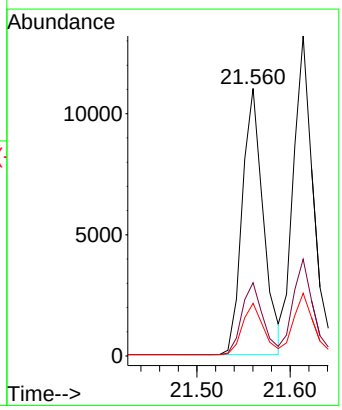


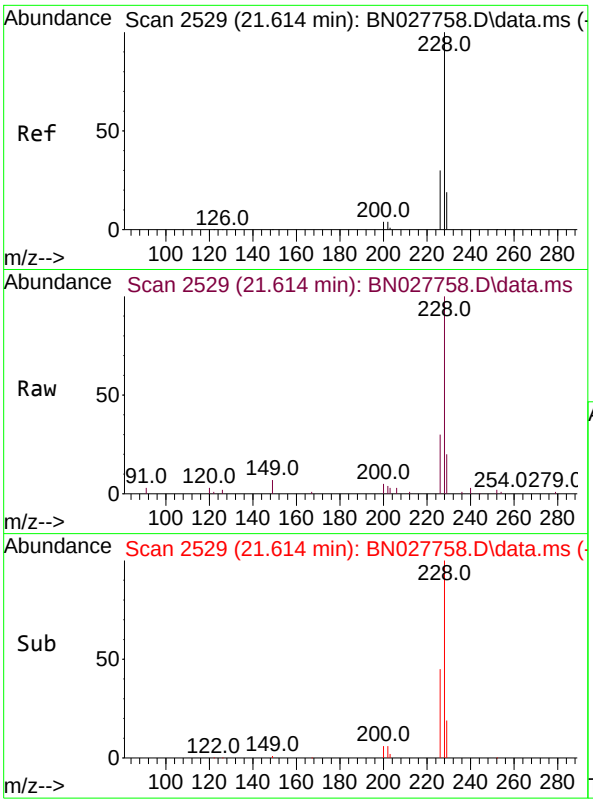


#32
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.560 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:228 Resp: 17238

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.7	15.8	23.6



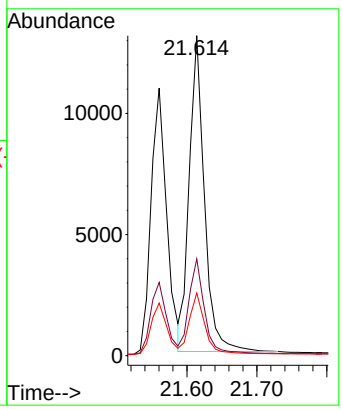


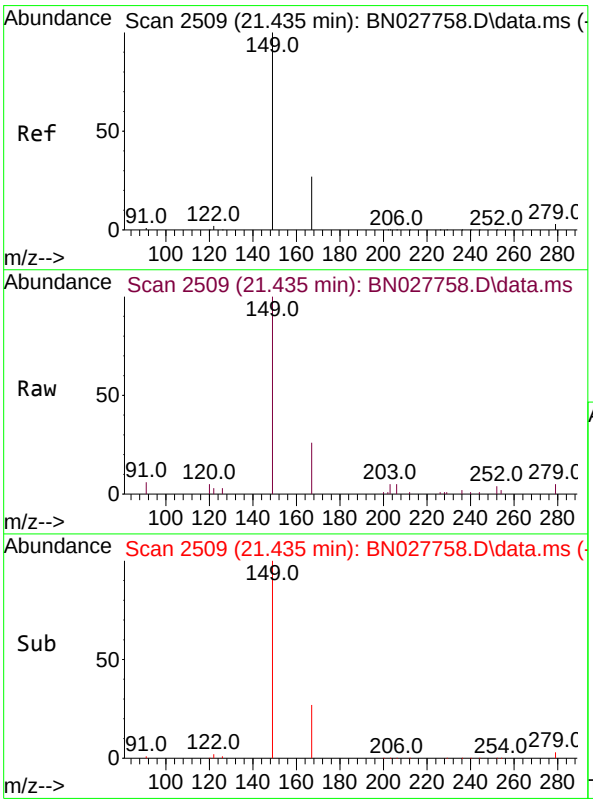
#33
Chrysene
Concen: 0.424 ng
RT: 21.614 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 19641

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.6	15.7	23.5

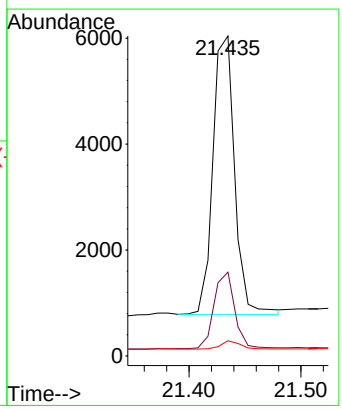


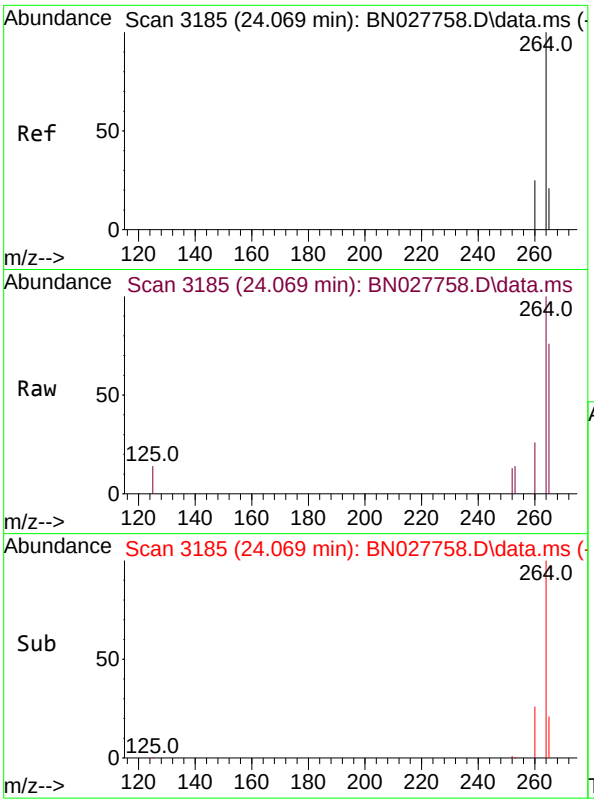


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.381 ng
RT: 21.435 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:149 Resp: 7090

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	2.9	2.3	3.5



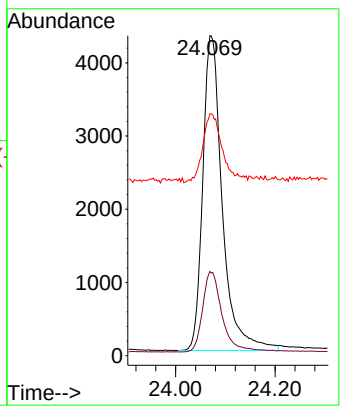


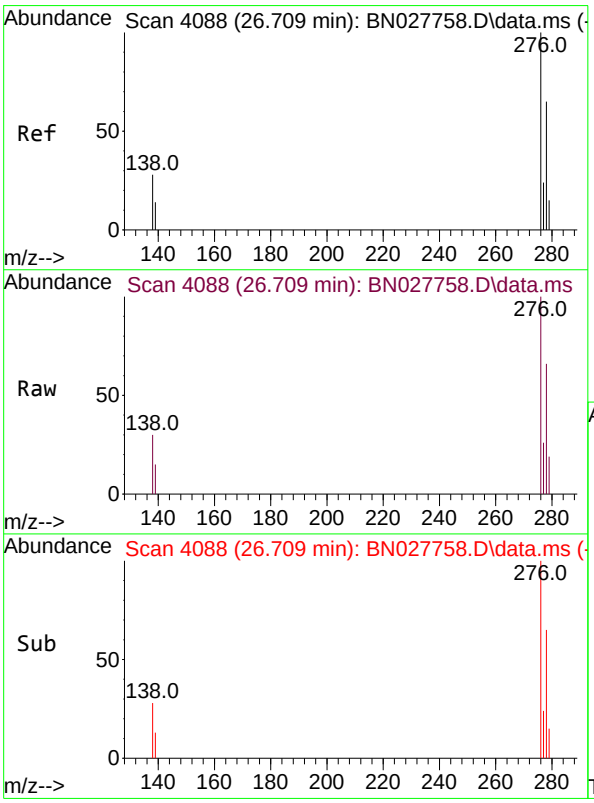
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.069 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 11748

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	75.6	60.5	90.7

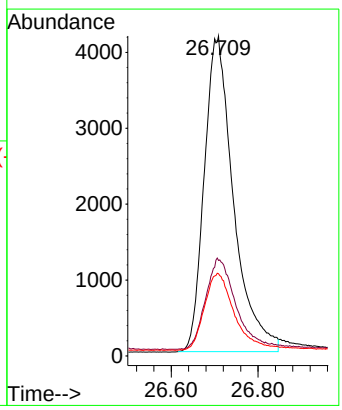


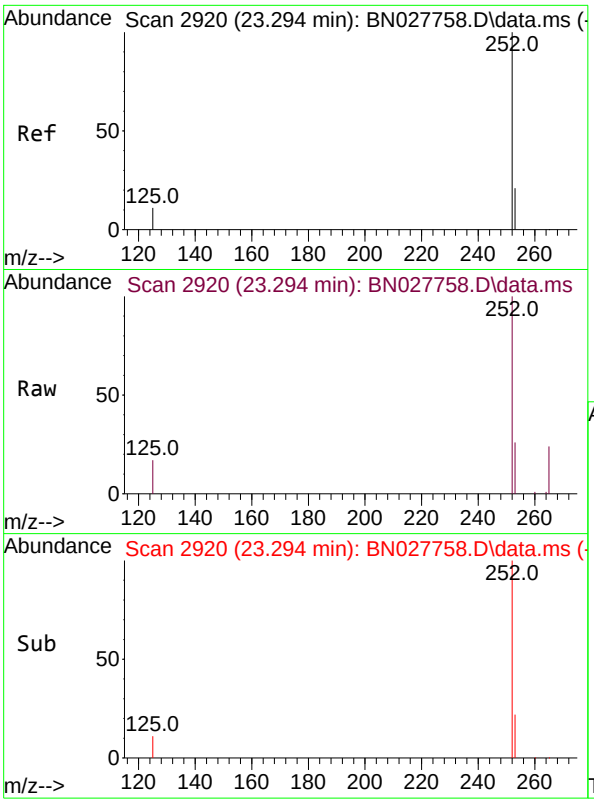


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng
RT: 26.709 min Scan# 4088
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:276 Resp: 19465

Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.5	35.3
277	24.9	19.9	29.9



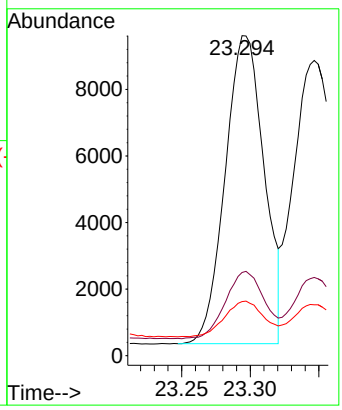


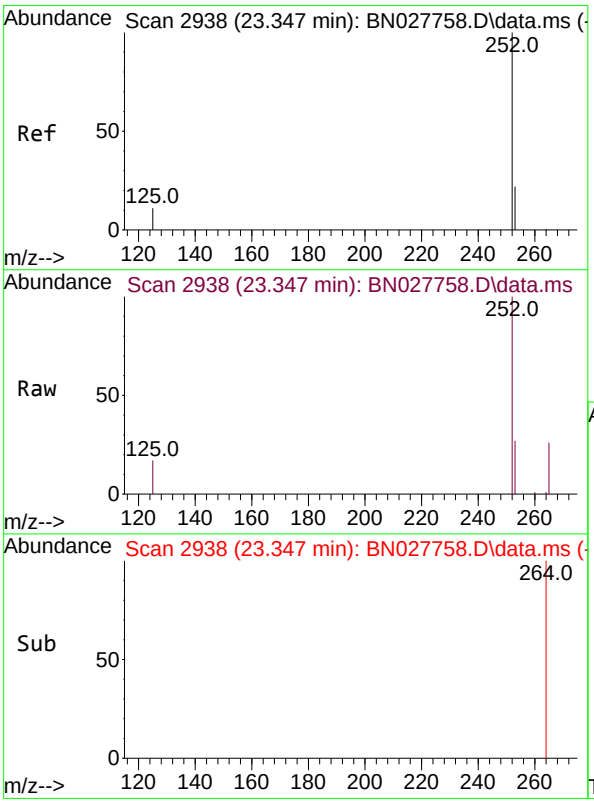
#37
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 23.294 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18270

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	16.9	13.5	20.3

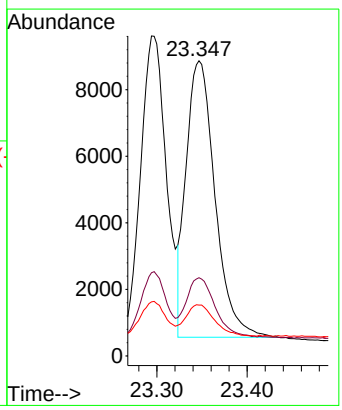


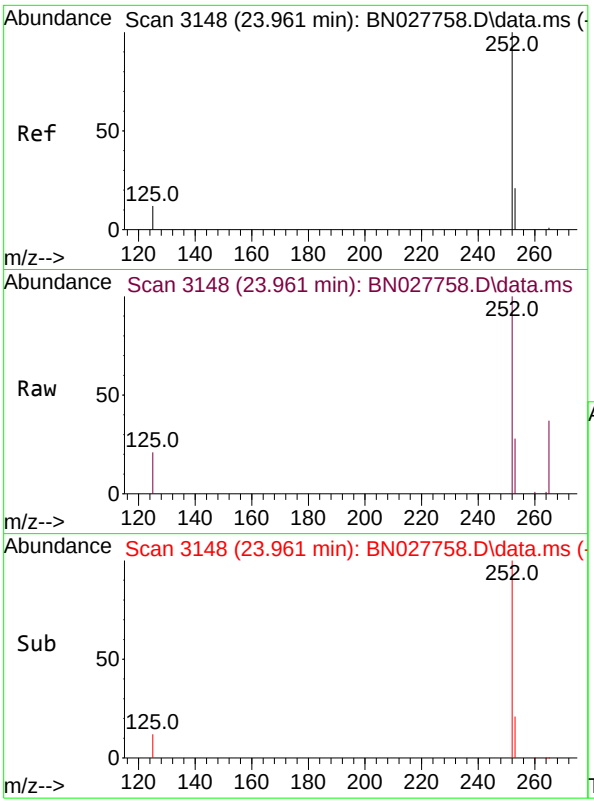


#38
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 23.347 min Scan# 2938
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:252 Resp: 18453

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.2	31.8
125	17.2	13.8	20.6



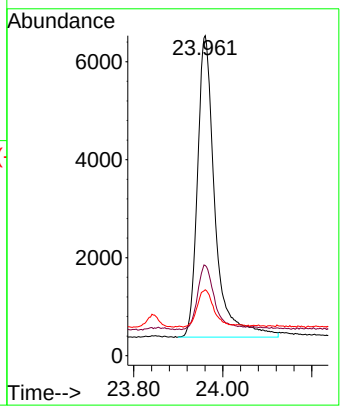


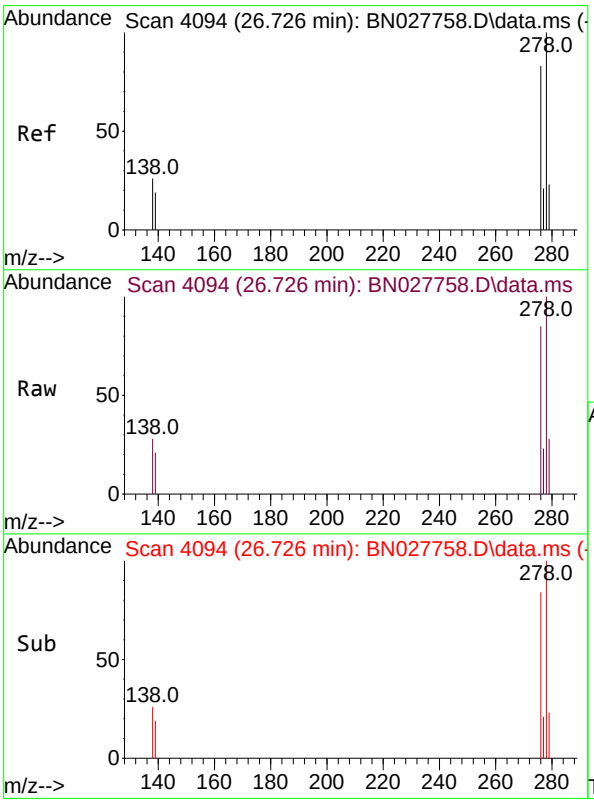
#39
Benzo(a)pyrene
Concen: 0.397 ng
RT: 23.961 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 16735

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.6	33.8
125	20.6	16.5	24.7

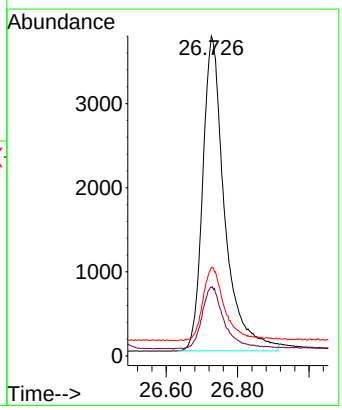


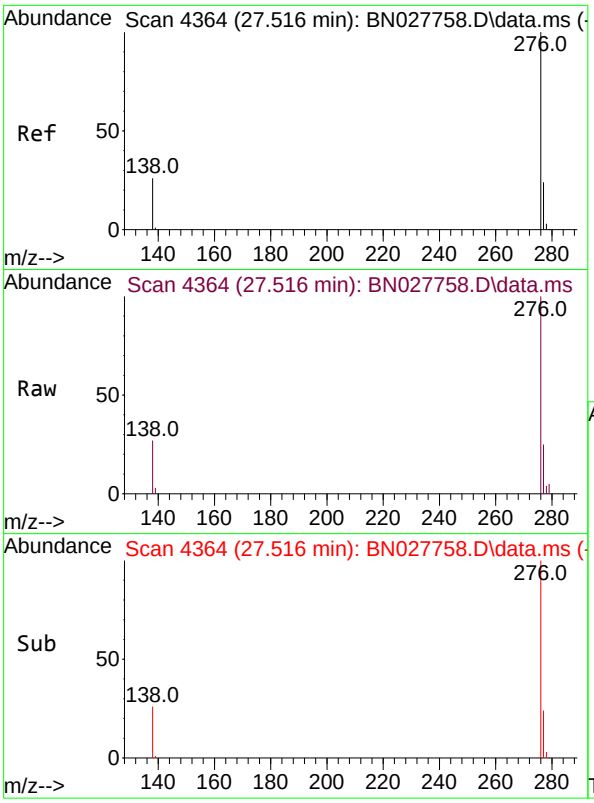


#40
Dibenzo(a,h)anthracene
Concen: 0.390 ng
RT: 26.726 min Scan# 4094
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Tgt Ion:278 Resp: 15924

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.1	25.7
279	27.7	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 27.516 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN027758.D
Acq: 20 Sep 2023 10:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 18129

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.4	30.6
138	27.4	21.9	32.9