Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027761.D
Acq On : 20 Sep 2023 12:37
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:29:41 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

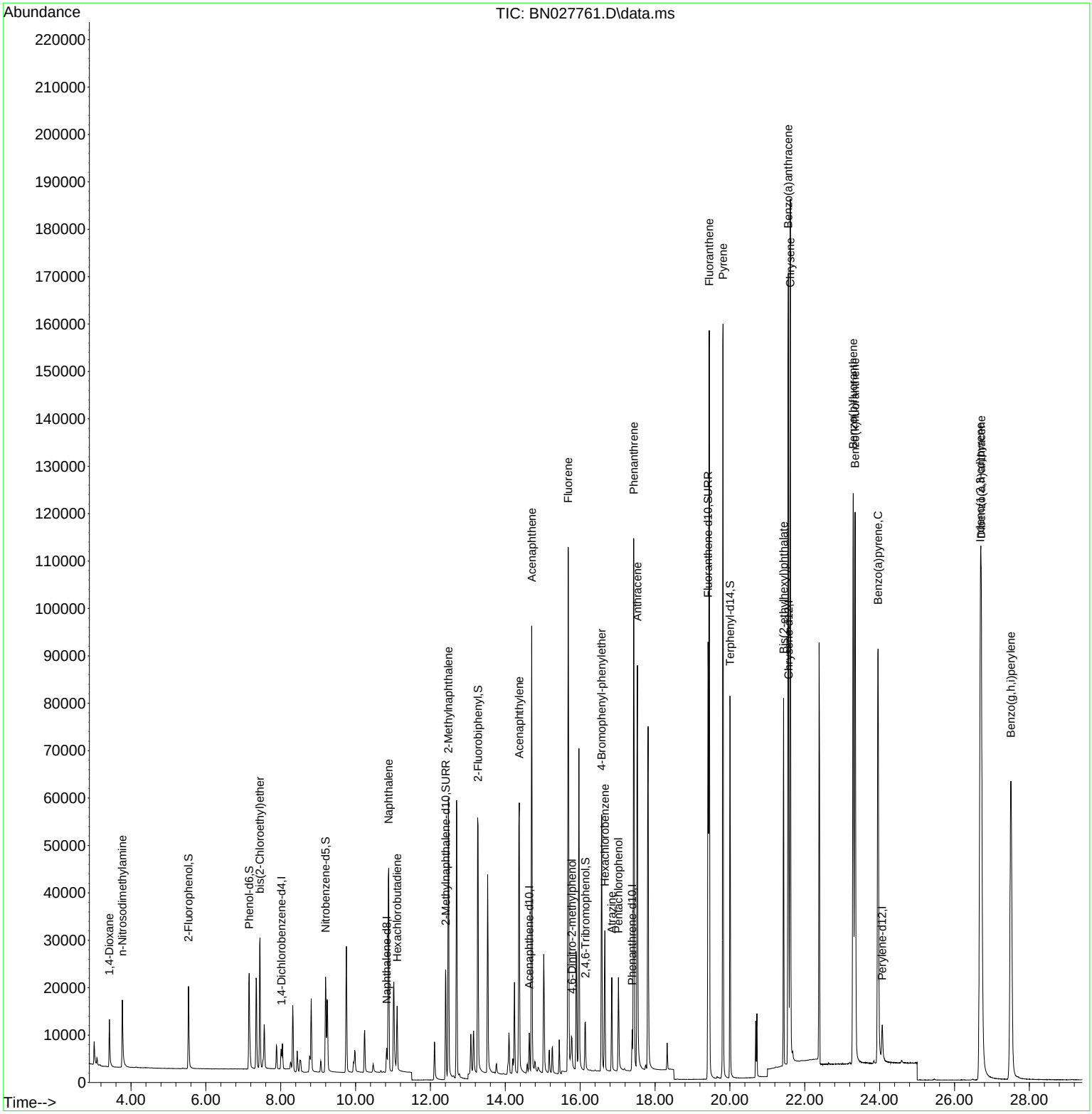
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	2107	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	6972	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	4781	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	12002	0.400	ng	#	0.00
29) Chrysene-d12	21.569	240	13012	0.400	ng	#	0.00
35) Perylene-d12	24.069	264	11984	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	15142	2.841	ng		0.00
5) Phenol-d6	7.156	99	20747	3.114	ng		0.00
8) Nitrobenzene-d5	9.198	82	17755	3.216	ng		-0.01
11) 2-Methylnaphthalene-d10	12.408	152	33750	3.315	ng		0.00
14) 2,4,6-Tribromophenol	16.139	330	6625	3.259	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	54351	3.366	ng		0.00
27) Fluoranthene-d10	19.416	212	101865	3.266	ng		0.00
31) Terphenyl-d14	20.006	244	76504	3.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	7426	2.877	ng		93
3) n-Nitrosodimethylamine	3.769	42	9385	3.154	ng	#	95
6) bis(2-Chloroethyl)ether	7.445	93	20740	3.180	ng		100
9) Naphthalene	10.885	128	60999	3.156	ng		97
10) Hexachlorobutadiene	11.109	225	10212	3.039	ng	#	100
12) 2-Methylnaphthalene	12.479	142	44617	3.323	ng		99
16) Acenaphthylene	14.373	152	69267	3.389	ng		100
17) Acenaphthene	14.705	154	45299	3.125	ng		98
18) Fluorene	15.680	166	65903	3.135	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	4948	4.280	ng	#	19
21) 4-Bromophenyl-phenylether	16.574	248	20617	3.364	ng		94
22) Hexachlorobenzene	16.661	284	22158	3.177	ng		98
23) Atrazine	16.847	200	15860	3.507	ng	#	90
24) Pentachlorophenol	17.021	266	10115	3.219	ng		98
25) Phenanthrene	17.430	178	113728	3.239	ng		100
26) Anthracene	17.530	178	104076	3.463	ng		100
28) Fluoranthene	19.449	202	142898	3.312	ng		100
30) Pyrene	19.816	202	146861	3.142	ng		100
32) Benzo(a)anthracene	21.560	228	151010	3.344	ng		99
33) Chrysene	21.614	228	156614	3.150	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	66784	3.339	ng		100
36) Indeno(1,2,3-cd)pyrene	26.691	276	176865	3.469	ng		100
37) Benzo(b)fluoranthene	23.294	252	159488	3.366	ng	#	91
38) Benzo(k)fluoranthene	23.344	252	164958	3.433	ng	#	90
39) Benzo(a)pyrene	23.958	252	148121	3.441	ng	#	86
40) Dibenzo(a,h)anthracene	26.715	278	144971	3.483	ng		94
41) Benzo(g,h,i)perylene	27.504	276	154373	3.354	ng		96

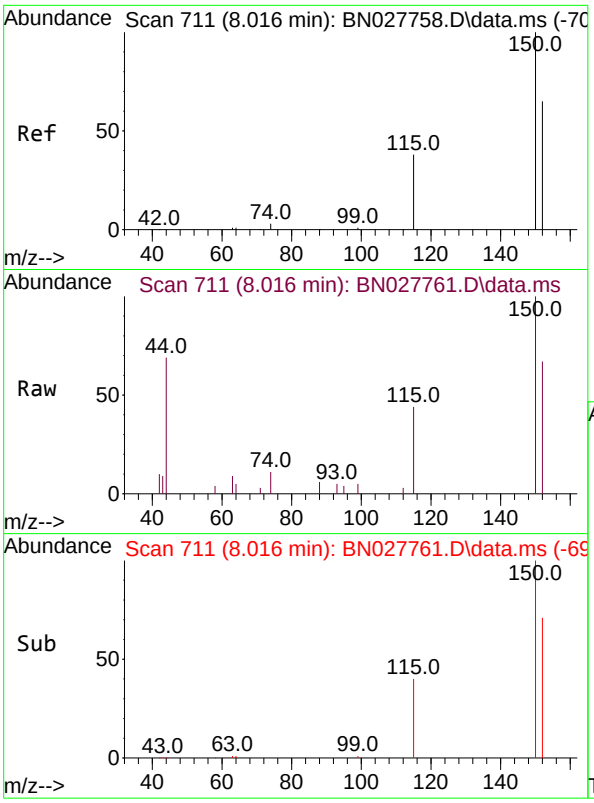
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027761.D
Acq On : 20 Sep 2023 12:37
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 11 17:29:41 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



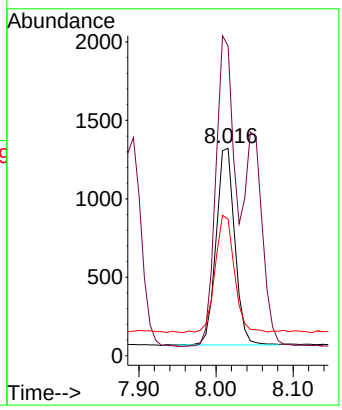


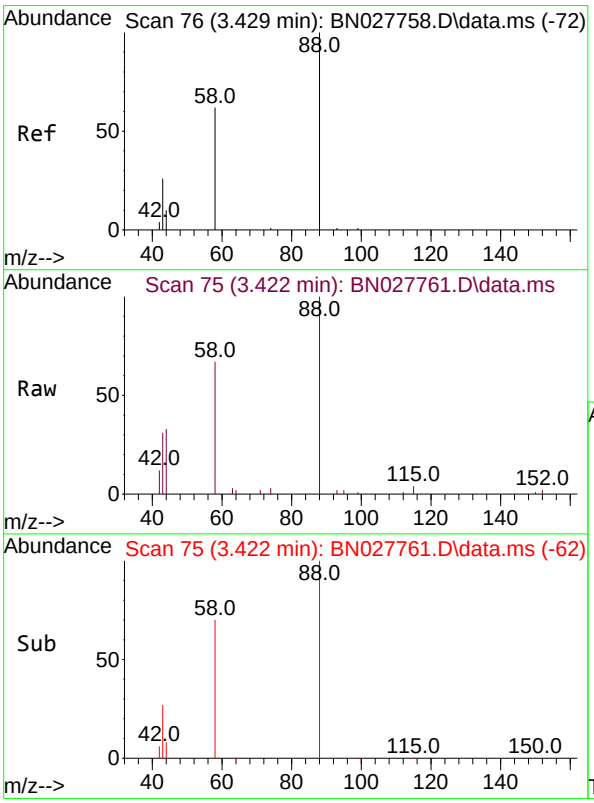
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.016 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2107

Ion	Ratio	Lower	Upper
152	100		
150	149.3	120.2	180.2
115	65.8	54.5	81.7

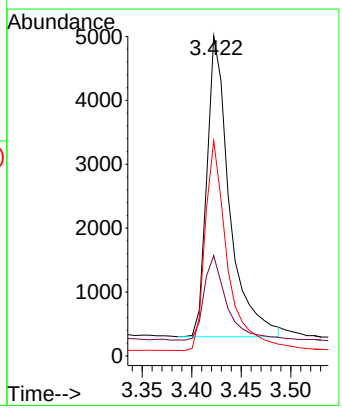


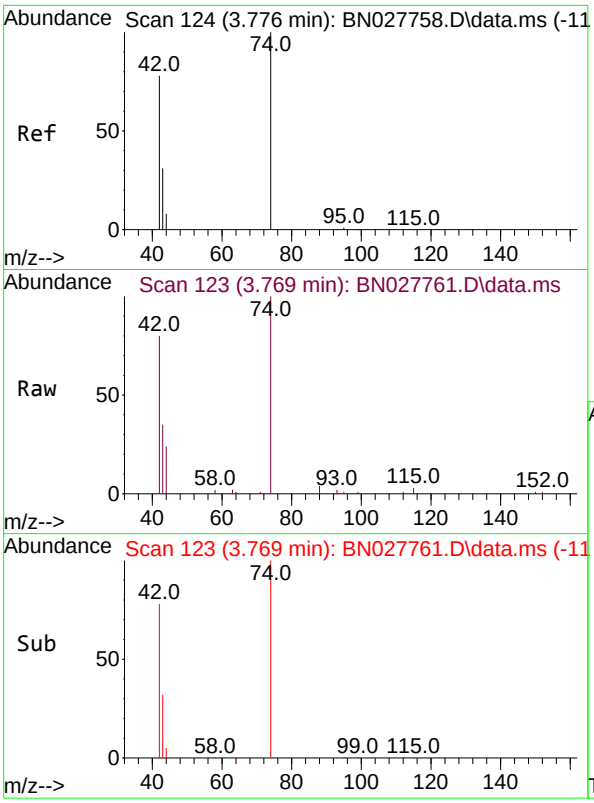


#2
1,4-Dioxane
Concen: 2.877 ng
RT: 3.422 min Scan# 75
Delta R.T. -0.007 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion: 88 Resp: 7426

Ion	Ratio	Lower	Upper
88	100		
43	28.3	27.0	40.6
58	68.7	59.0	88.6



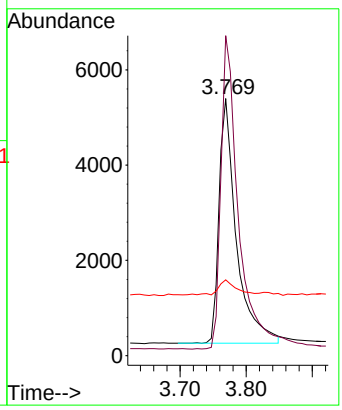


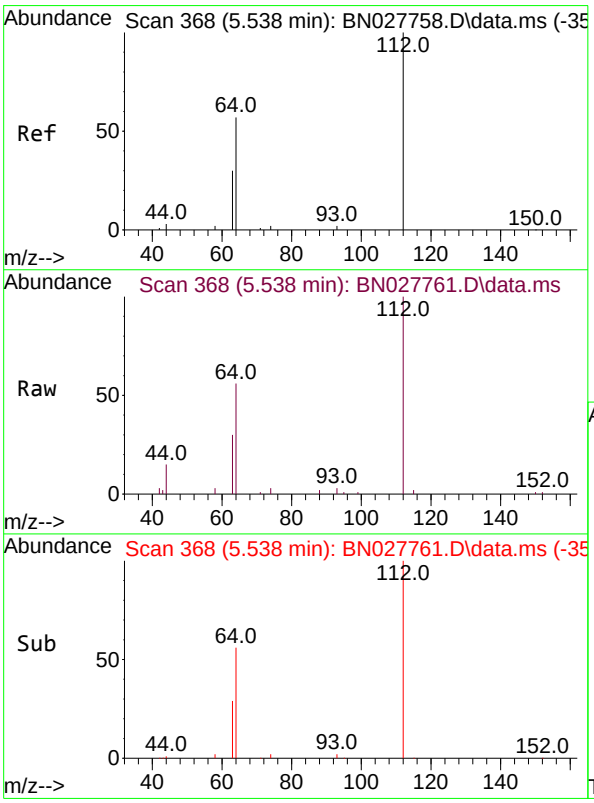
#3
n-Nitrosodimethylamine
Concen: 3.154 ng
RT: 3.769 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 9385

Ion	Ratio	Lower	Upper
42	100		
74	128.9	105.6	158.4
44	6.1	12.3	18.5#

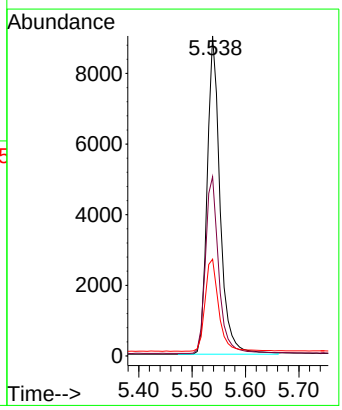


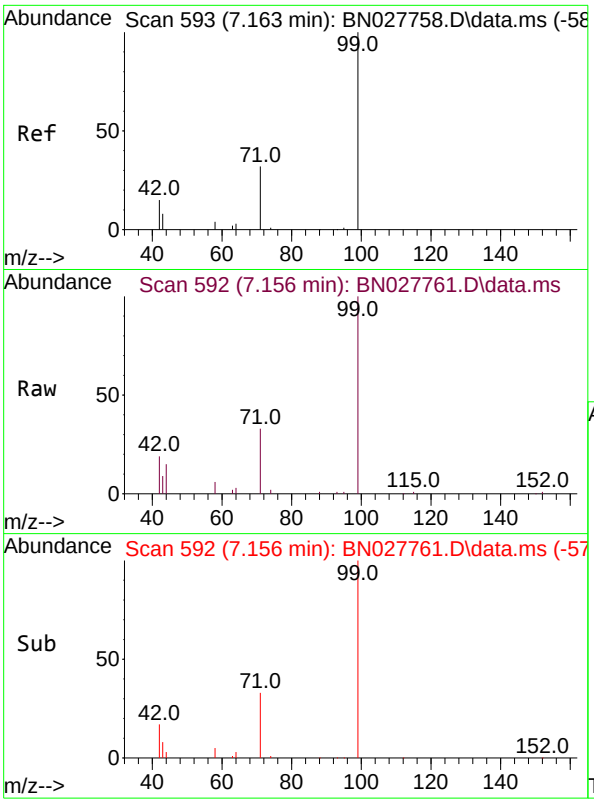


#4
2-Fluorophenol
Concen: 2.841 ng
RT: 5.538 min Scan# 368
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:112 Resp: 15142

Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.1	69.1
63	30.8	24.0	36.0



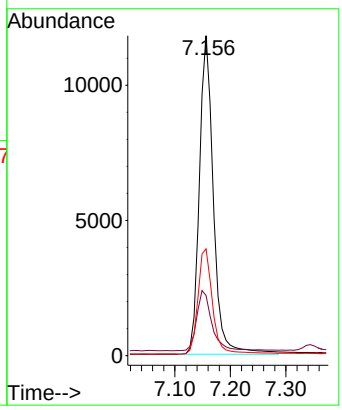


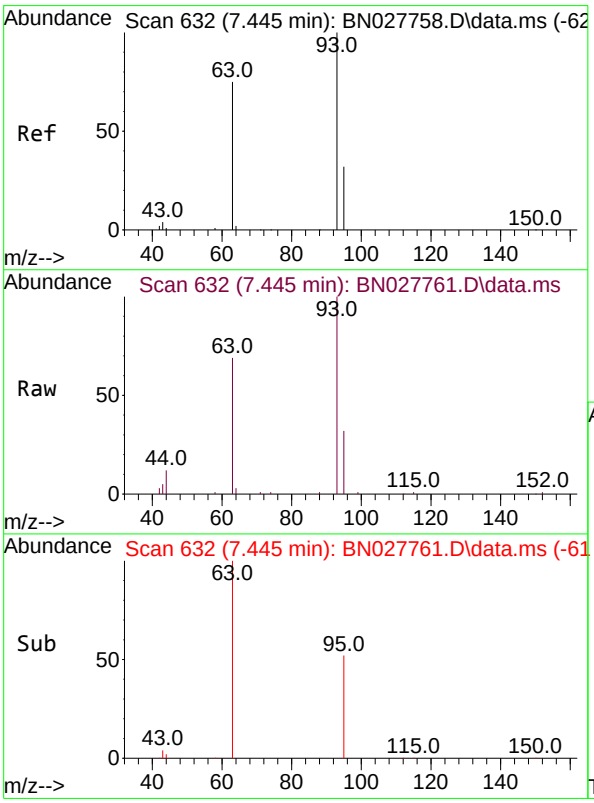
#5
Phenol-d6
Concen: 3.114 ng
RT: 7.156 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 20747

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	34.3	28.1	42.1

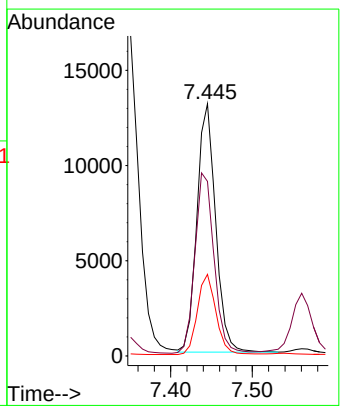


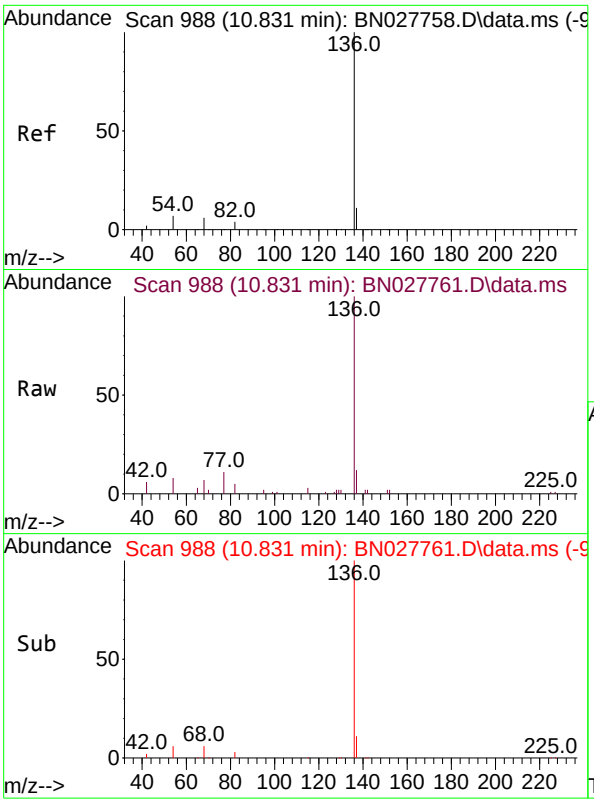


#6
bis(2-Chloroethyl)ether
Concen: 3.180 ng
RT: 7.445 min Scan# 632
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion: 93 Resp: 20740

Ion	Ratio	Lower	Upper
93	100		
63	74.7	59.5	89.3
95	32.2	26.0	39.0



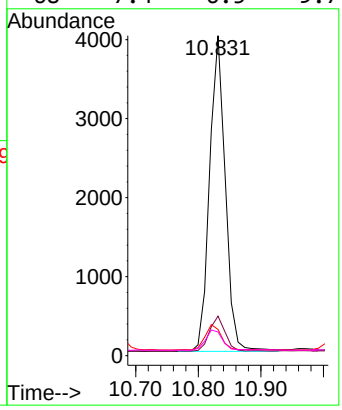


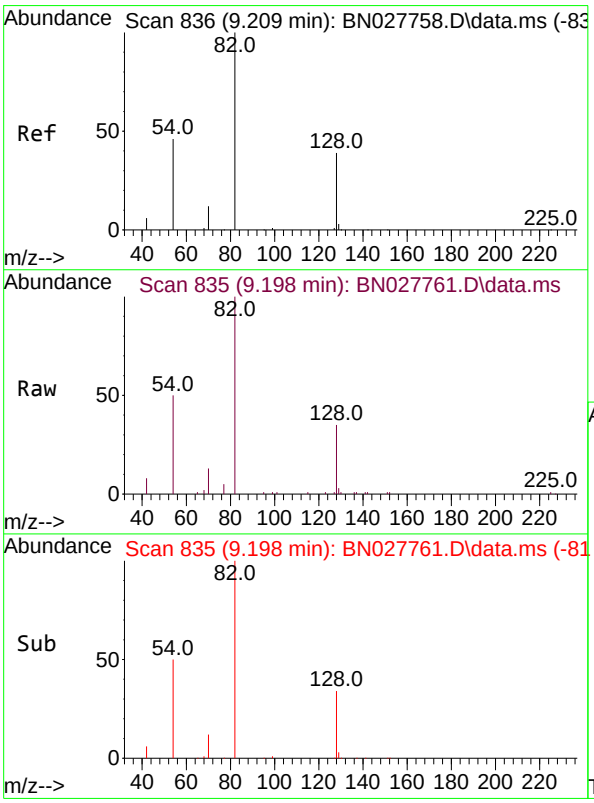
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6972

Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.1	15.1
54	8.2	7.4	11.0
68	7.4	6.5	9.7

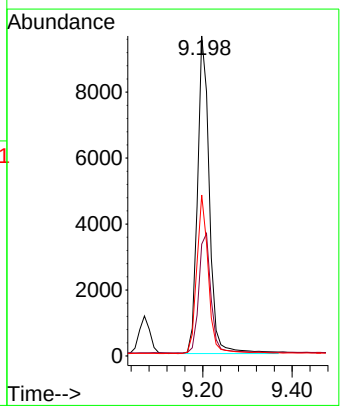


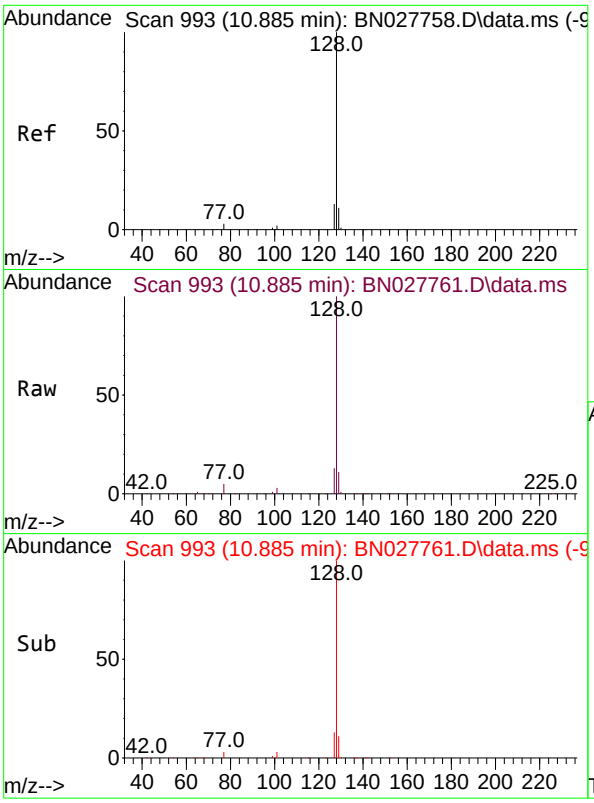


#8
Nitrobenzene-d5
Concen: 3.216 ng
RT: 9.198 min Scan# 835
Delta R.T. -0.011 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion: 82 Resp: 17755

Ion	Ratio	Lower	Upper
82	100		
128	35.0	36.8	55.2#
54	50.3	39.9	59.9



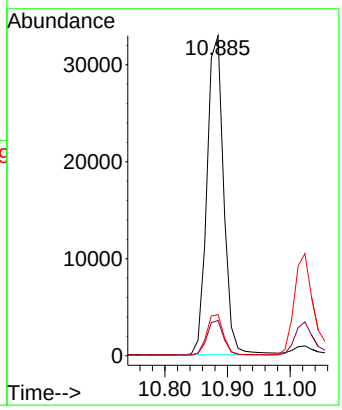


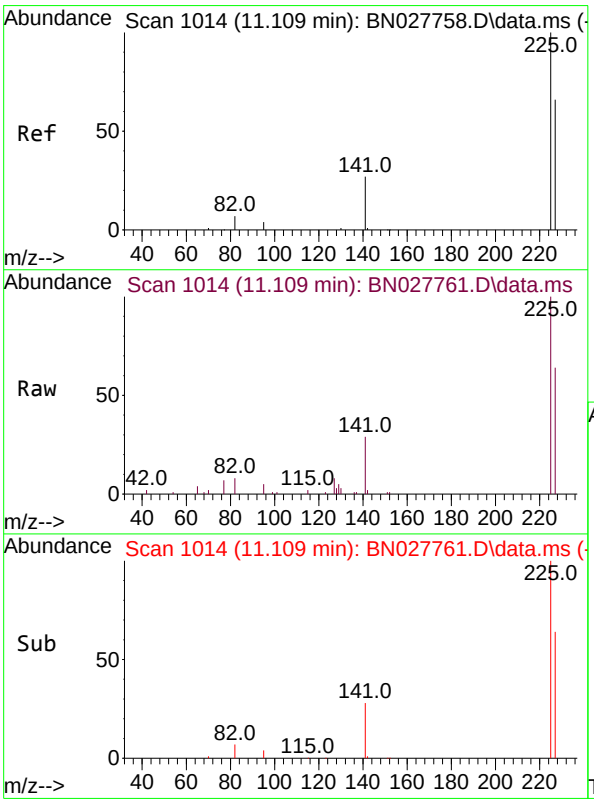
#9
Naphthalene
Concen: 3.156 ng
RT: 10.885 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 60999

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.2	15.2
127	12.8	11.1	16.7

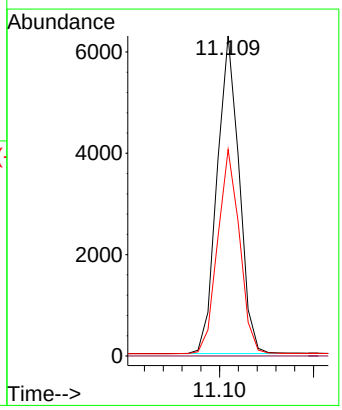


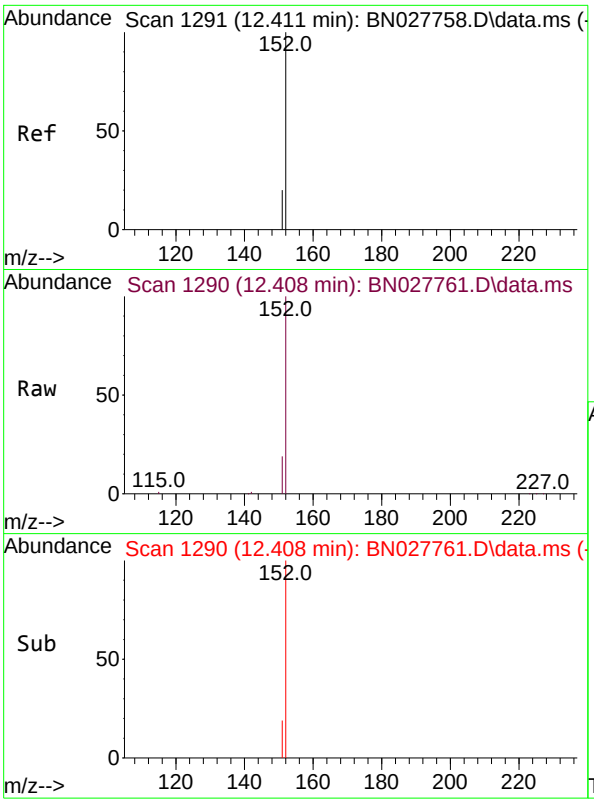


#10
Hexachlorobutadiene
Concen: 3.039 ng
RT: 11.109 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:225 Resp: 10212

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.4	77.0



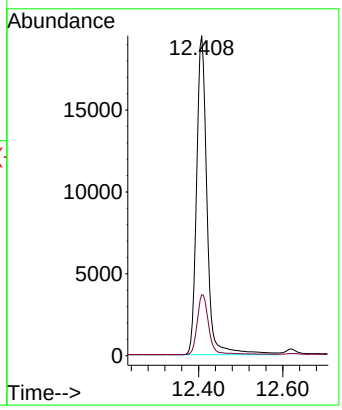


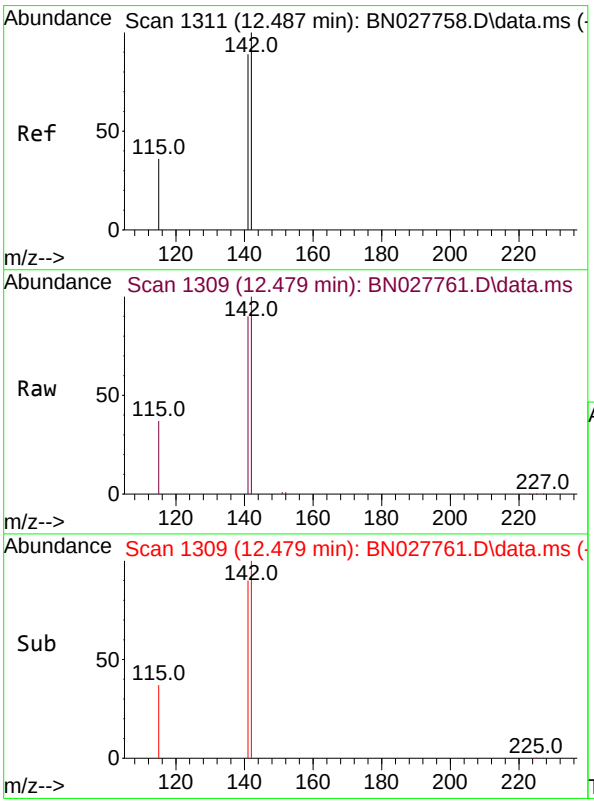
#11
2-Methylnaphthalene-d10
Concen: 3.315 ng
RT: 12.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 33750

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.6	23.4

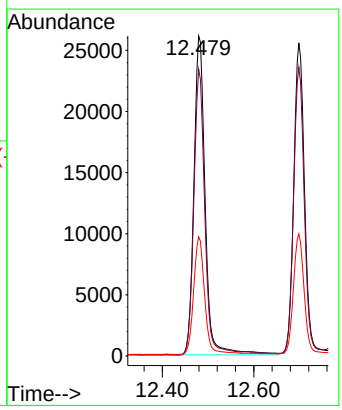


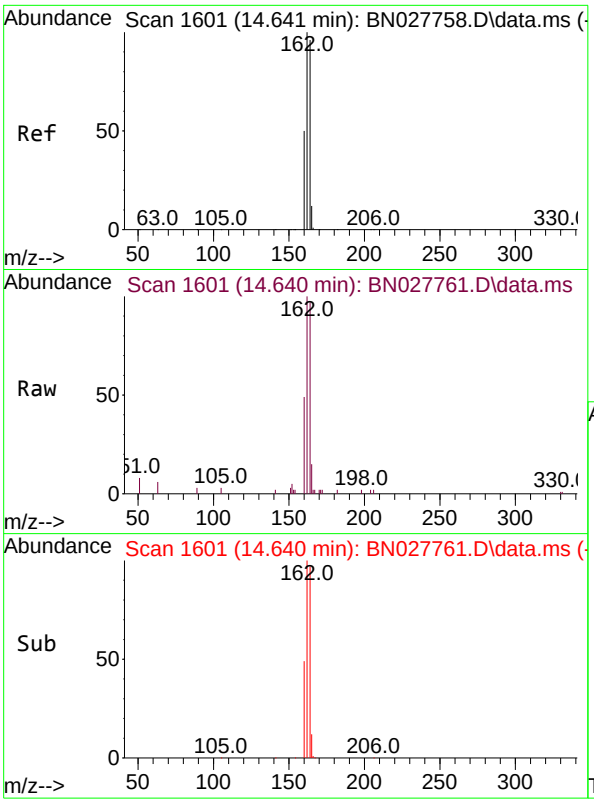


#12
2-Methylnaphthalene
Concen: 3.323 ng
RT: 12.479 min Scan# 1309
Delta R.T. -0.008 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:142 Resp: 44617

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.5	107.3
115	37.2	31.8	47.6



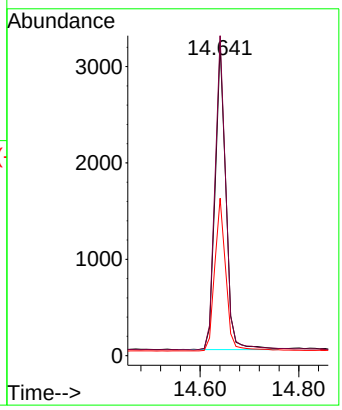


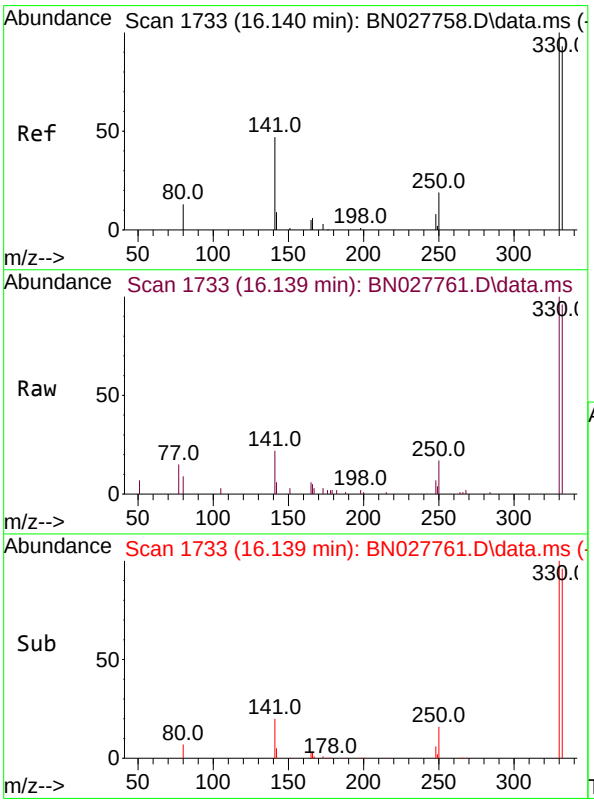
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 4781

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.6	125.4
160	50.7	42.6	64.0

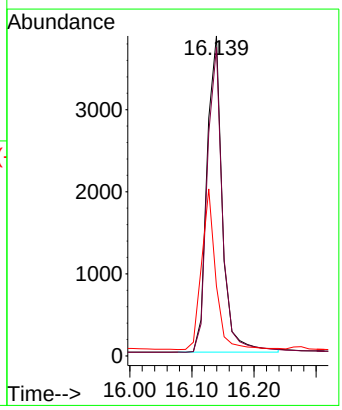


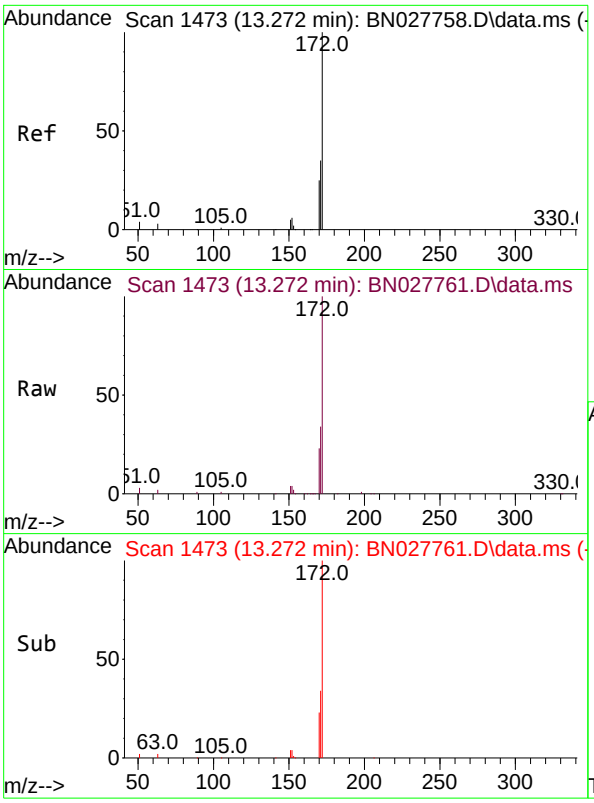


#14
2,4,6-Tribromophenol
Concen: 3.259 ng
RT: 16.139 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:330 Resp: 6625

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.4
141	47.1	38.1	57.1



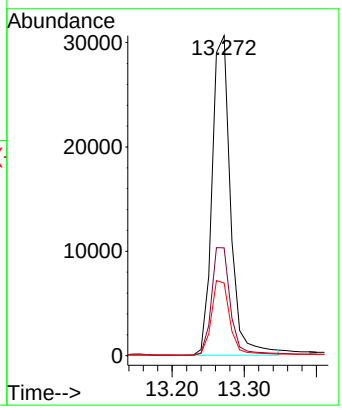


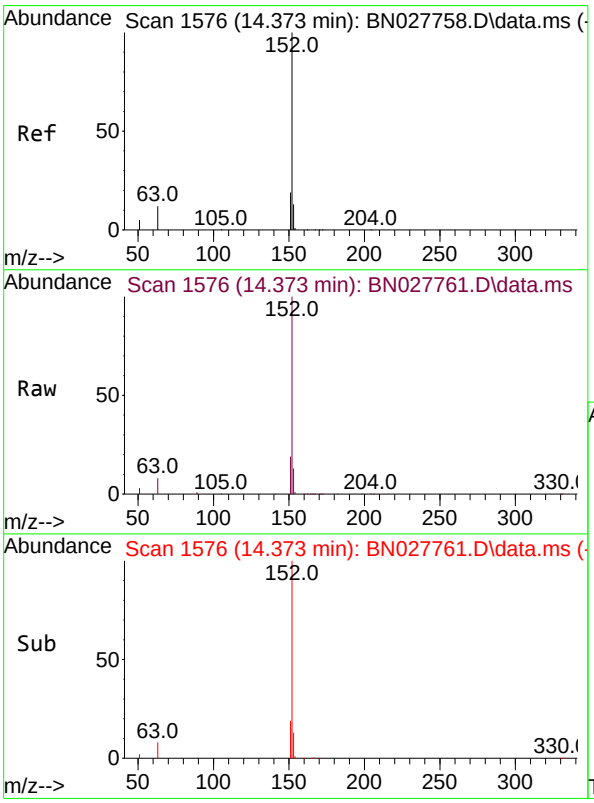
#15
2-Fluorobiphenyl
Concen: 3.366 ng
RT: 13.272 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 54351

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.3	43.9
170	22.7	20.8	31.2

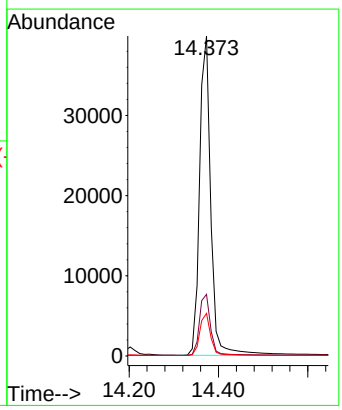


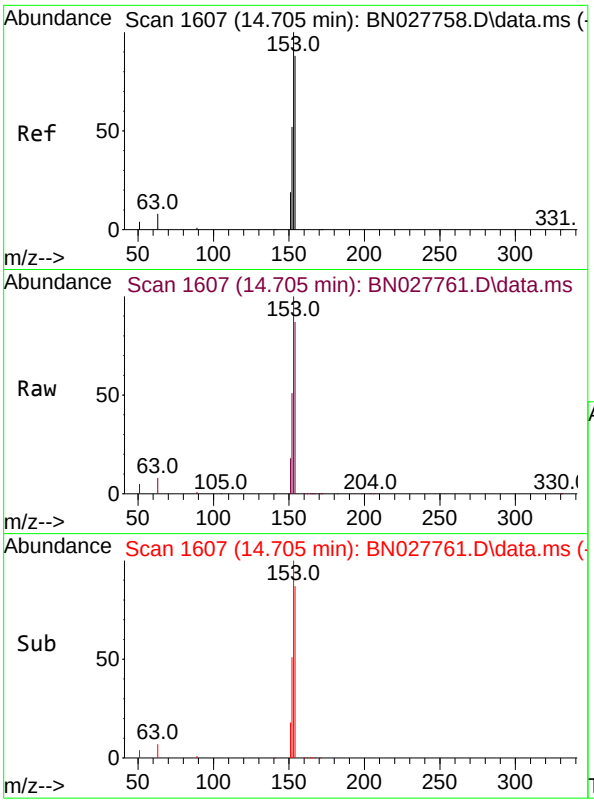


#16
Acenaphthylene
Concen: 3.389 ng
RT: 14.373 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:152 Resp: 69267

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.0	10.6	15.8



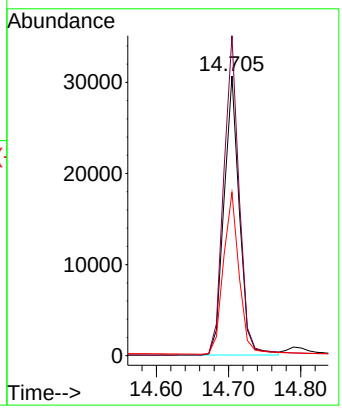


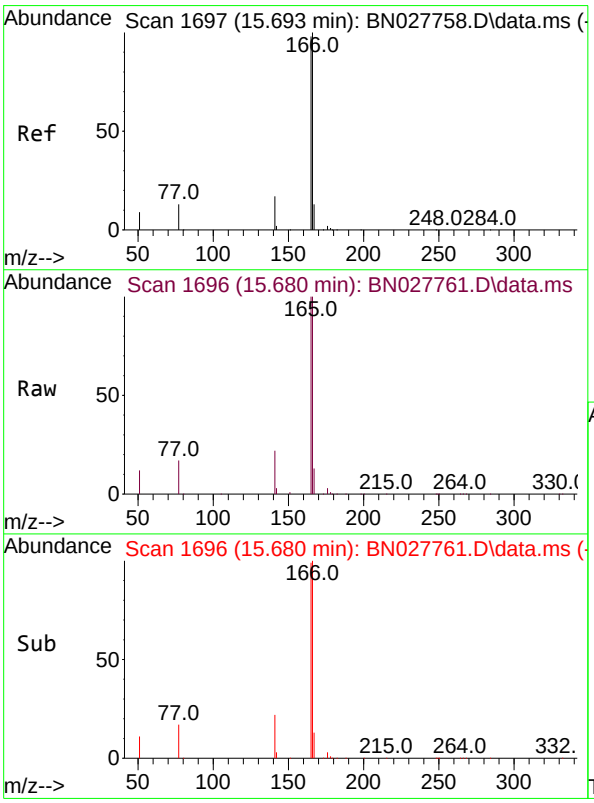
#17
Acenaphthene
Concen: 3.125 ng
RT: 14.705 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 45299

Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.0	136.6
152	59.8	47.4	71.2

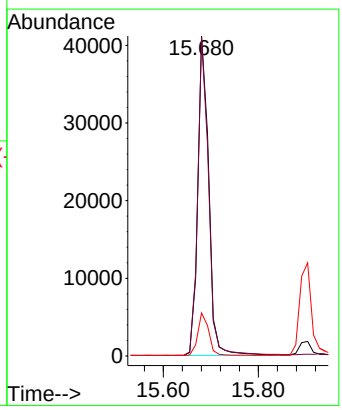


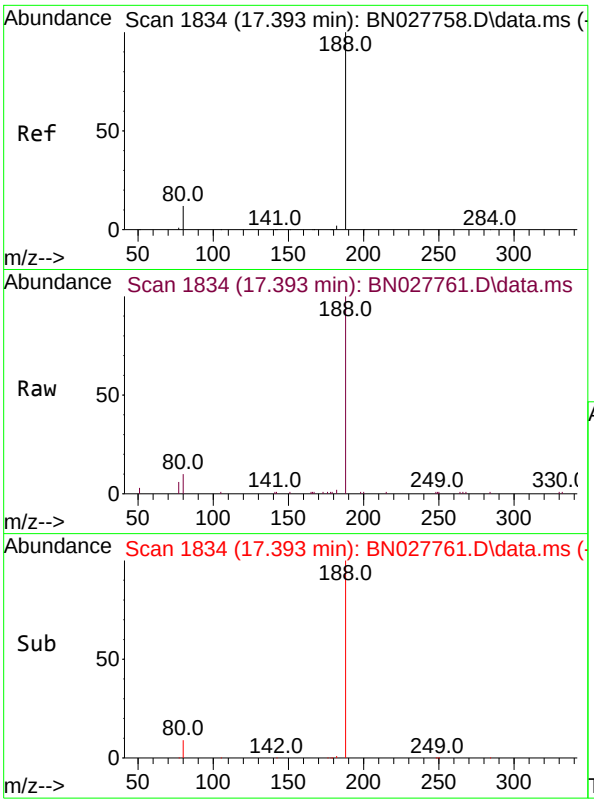


#18
Fluorene
Concen: 3.135 ng
RT: 15.680 min Scan# 1696
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:166 Resp: 65903

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.3	118.9
167	13.5	10.6	16.0



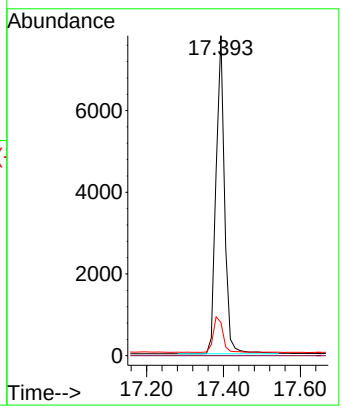


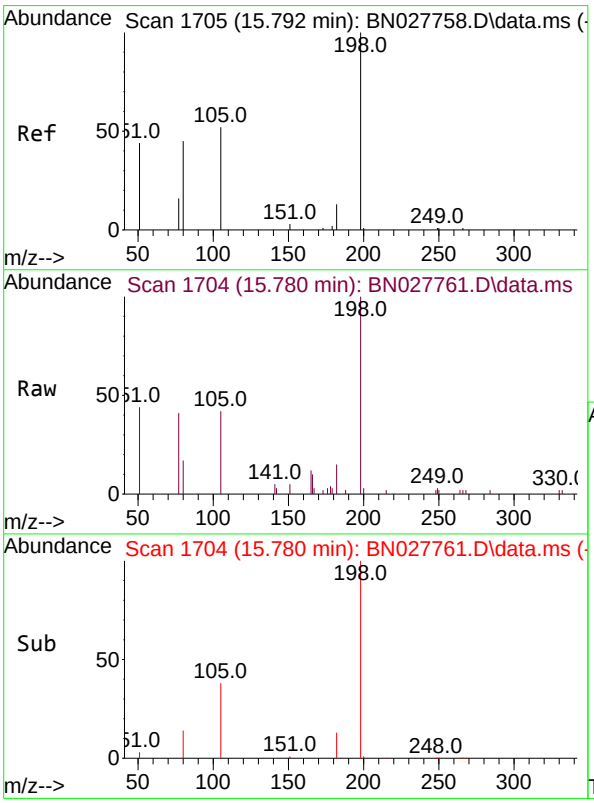
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 12002

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	10.6	16.0#

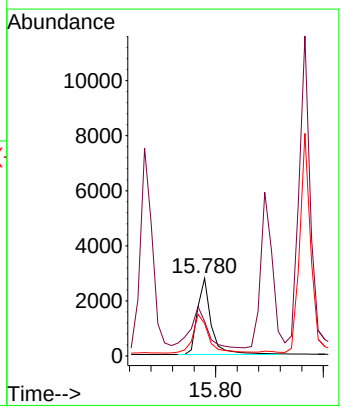


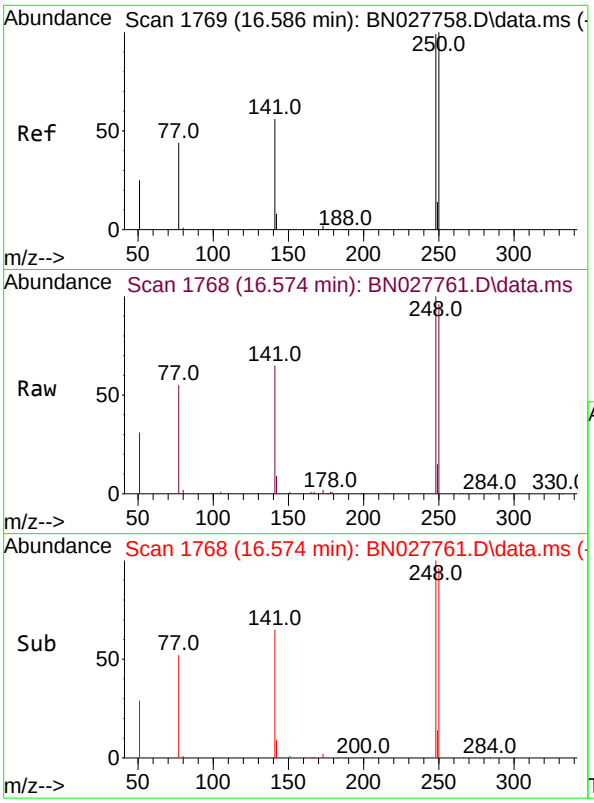


#20
4,6-Dinitro-2-methylphenol
Concen: 4.280 ng
RT: 15.780 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:198 Resp: 4948

Ion	Ratio	Lower	Upper
198	100		
51	44.5	143.3	214.9#
105	41.5	73.4	110.2#



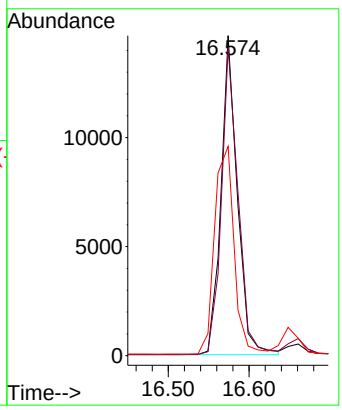


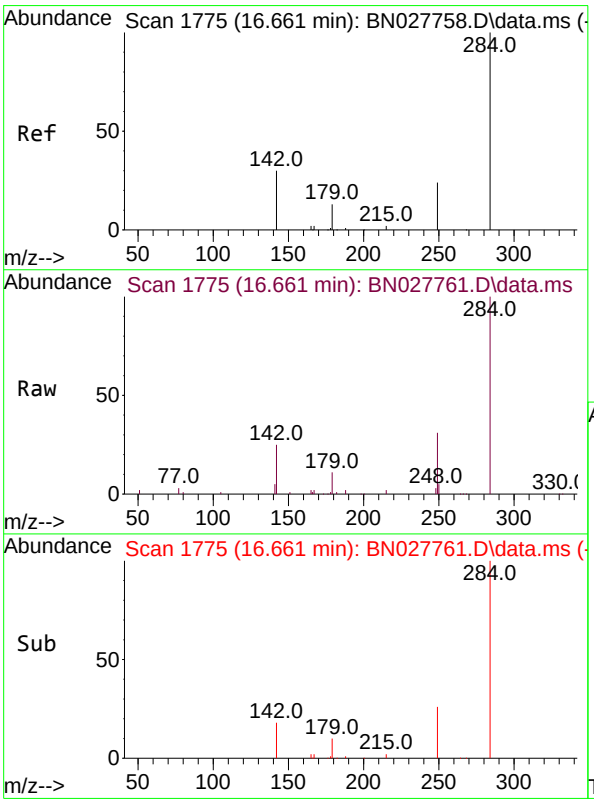
#21
4-Bromophenyl-phenylether
Concen: 3.364 ng
RT: 16.574 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 20617

Ion	Ratio	Lower	Upper
248	100		
250	96.3	81.4	122.2
141	65.4	48.2	72.4

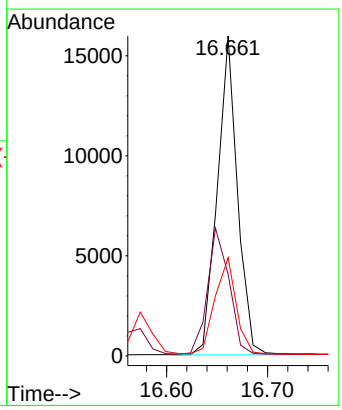


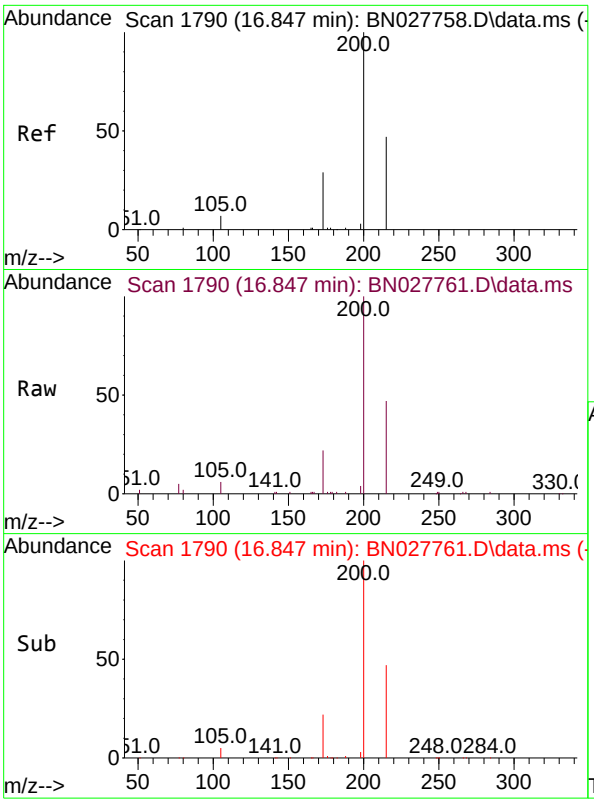


#22
Hexachlorobenzene
Concen: 3.177 ng
RT: 16.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:284 Resp: 22158

Ion	Ratio	Lower	Upper
284	100		
142	41.9	32.9	49.3
249	31.4	24.1	36.1



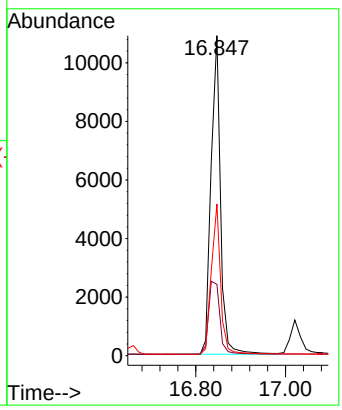


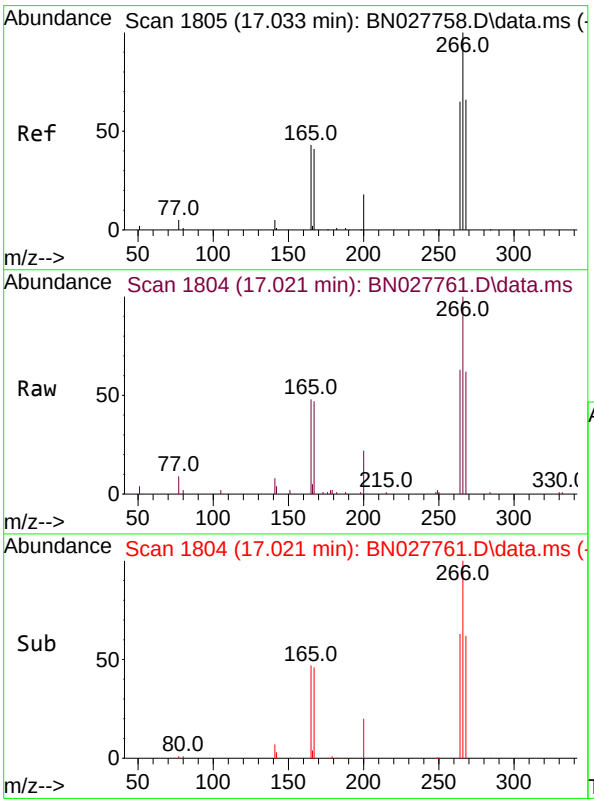
#23
Atrazine
Concen: 3.507 ng
RT: 16.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 15860

Ion	Ratio	Lower	Upper
200	100		
173	22.3	26.1	39.1#
215	47.4	40.0	60.0

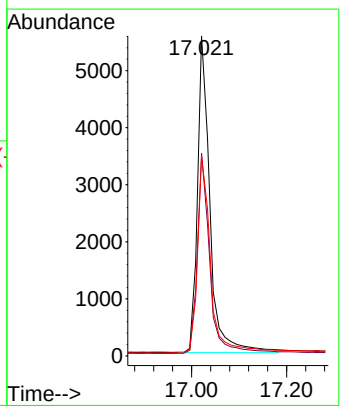


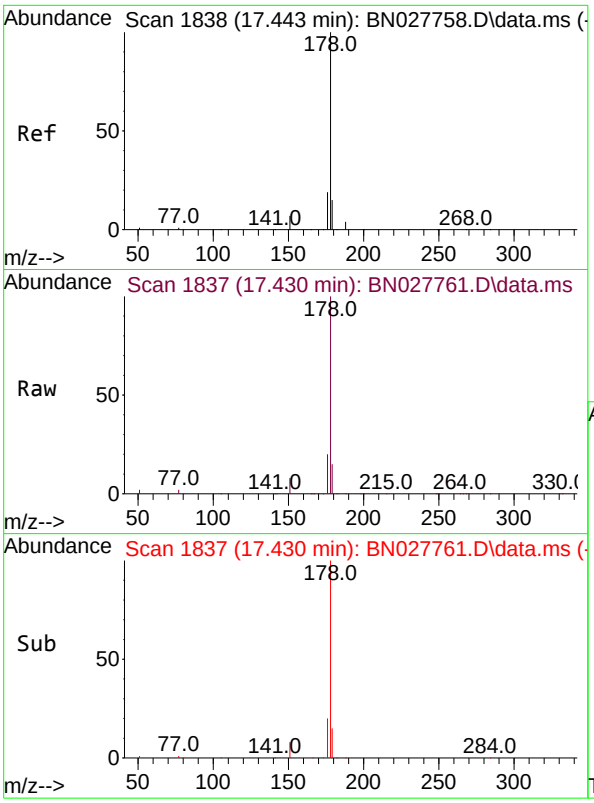


#24
Pentachlorophenol
Concen: 3.219 ng
RT: 17.021 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:266 Resp: 10115

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.8	76.2
268	64.3	53.0	79.6



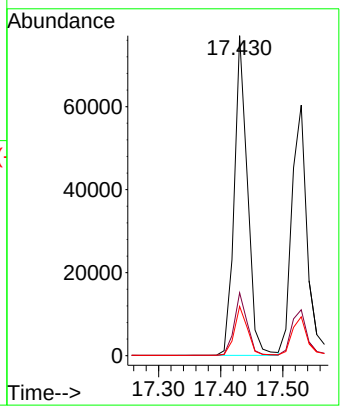


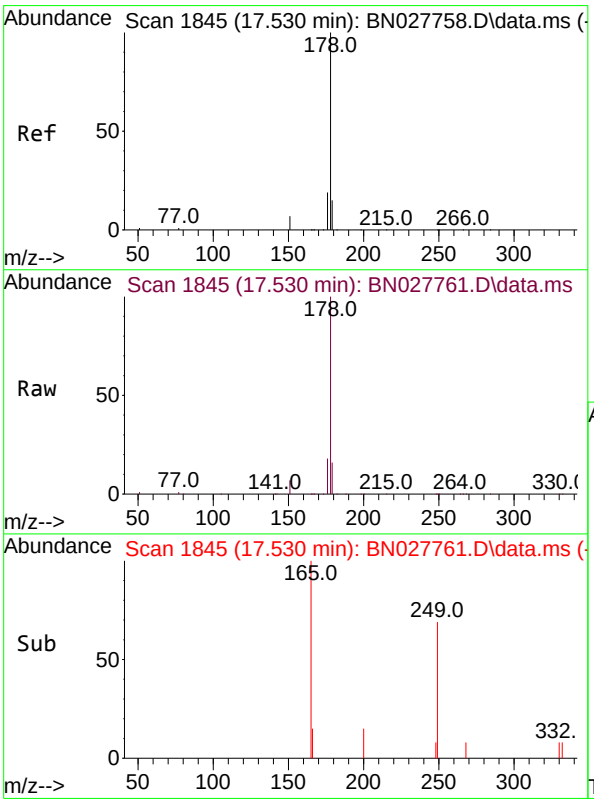
#25
Phenanthrene
Concen: 3.239 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 113728

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.3	12.3	18.5

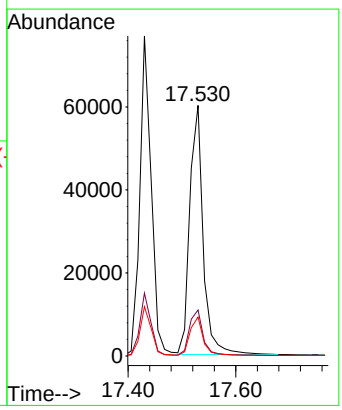


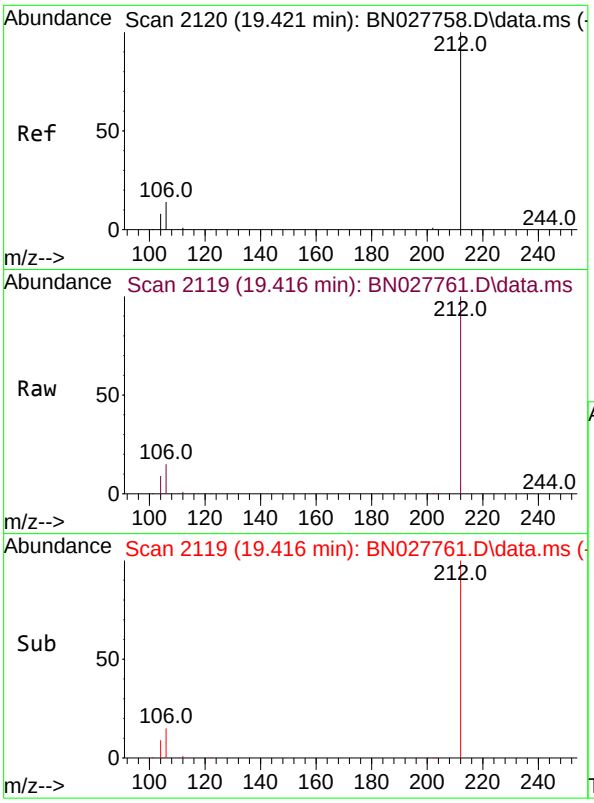


#26
Anthracene
Concen: 3.463 ng
RT: 17.530 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:178 Resp: 104076

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.2	12.2	18.2



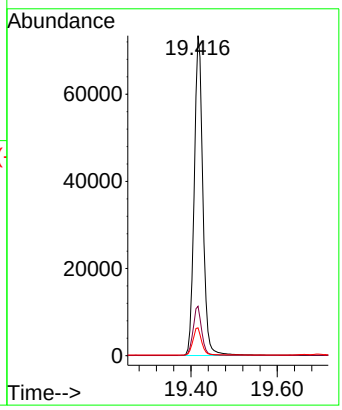


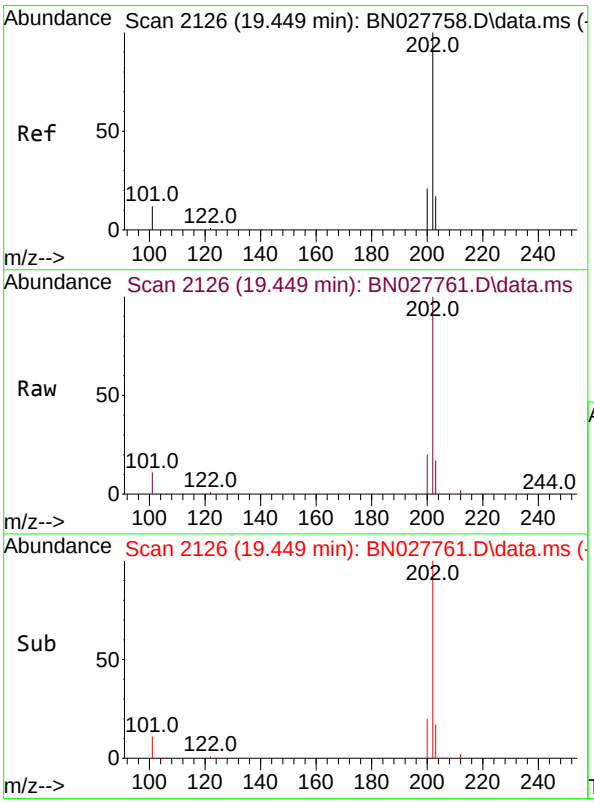
#27
Fluoranthene-d10
Concen: 3.266 ng
RT: 19.416 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 101865

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.2
104	8.6	7.0	10.4

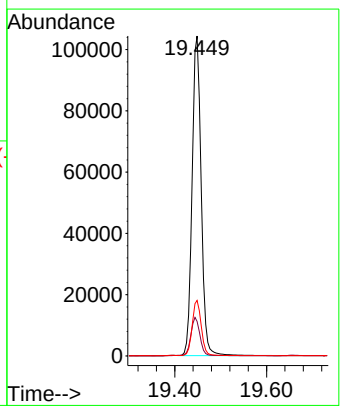


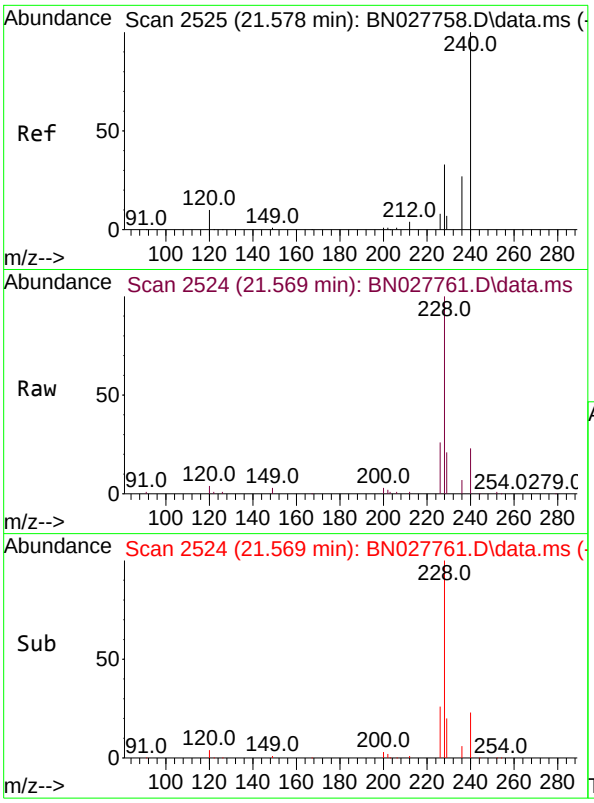


#28
Fluoranthene
Concen: 3.312 ng
RT: 19.449 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:202 Resp: 142898

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.3	13.8	20.6



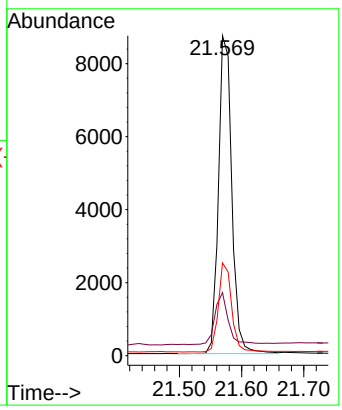


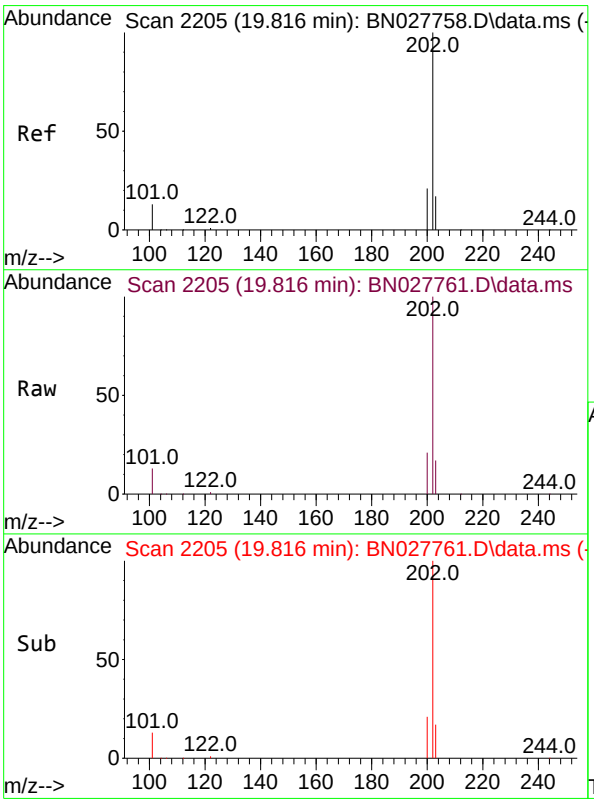
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 13012

Ion	Ratio	Lower	Upper
240	100		
120	19.7	11.2	16.8#
236	29.0	22.8	34.2

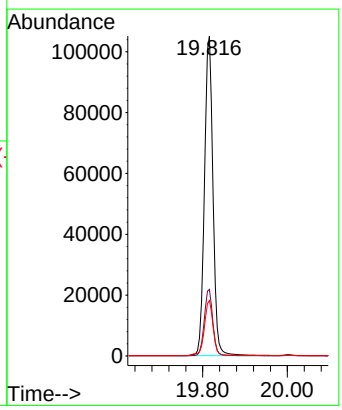


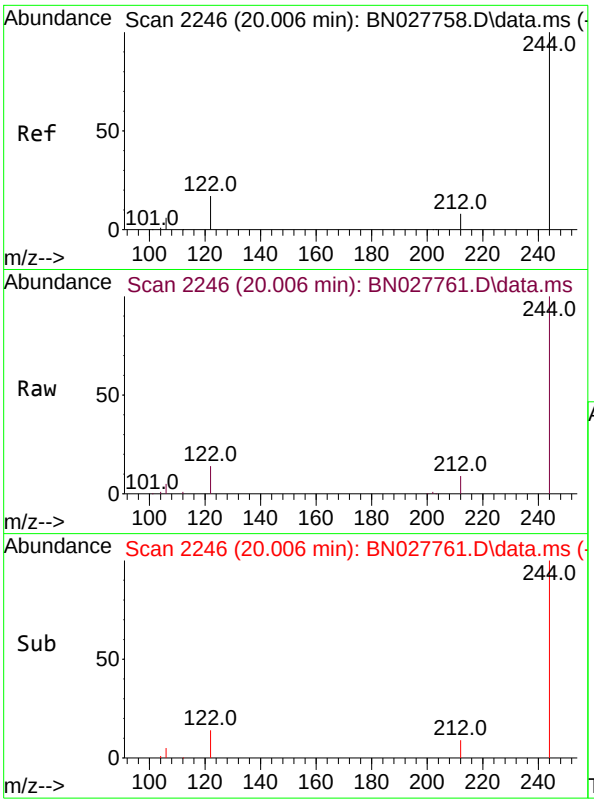


#30
Pyrene
Concen: 3.142 ng
RT: 19.816 min Scan# 2205
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:202 Resp: 146861

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



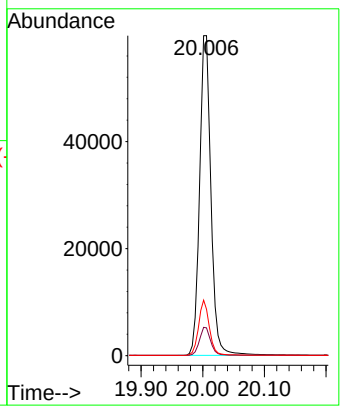


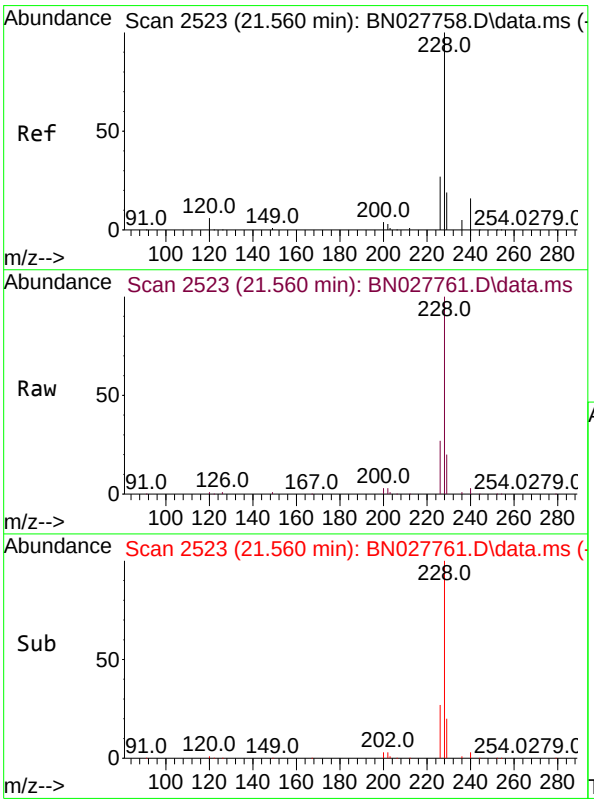
#31
Terphenyl-d14
Concen: 3.049 ng
RT: 20.006 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 76504

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.5	11.3
122	14.5	13.9	20.9

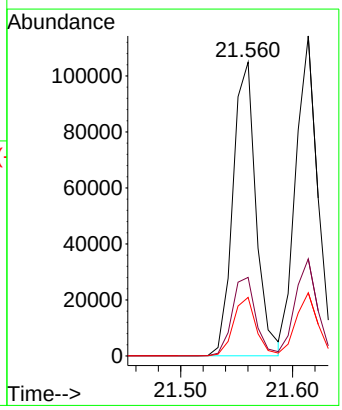


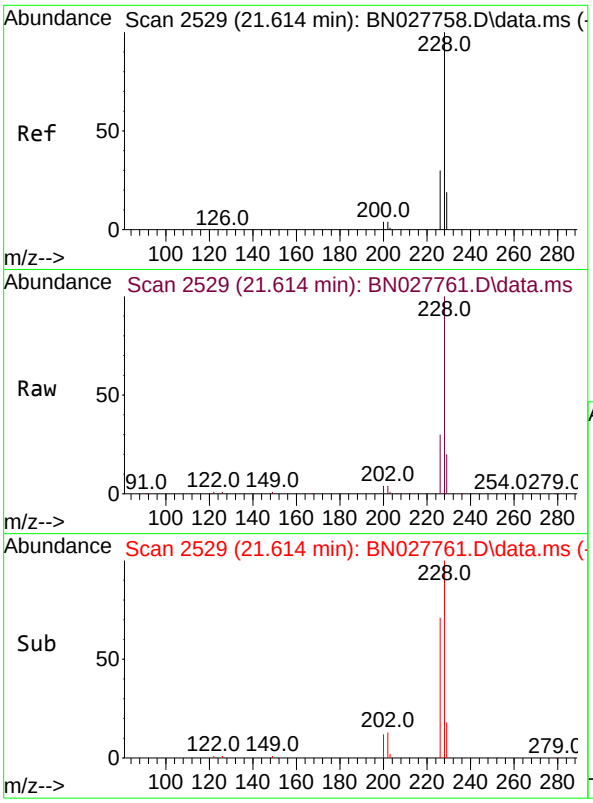


#32
Benzo(a)anthracene
Concen: 3.344 ng
RT: 21.560 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:228 Resp: 151010

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.9	32.9
229	19.9	15.8	23.6



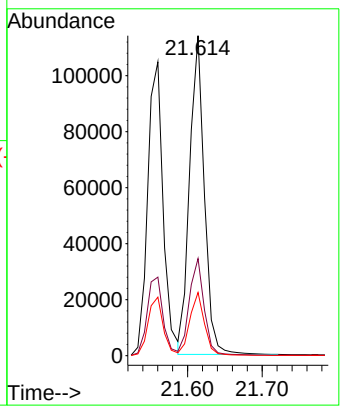


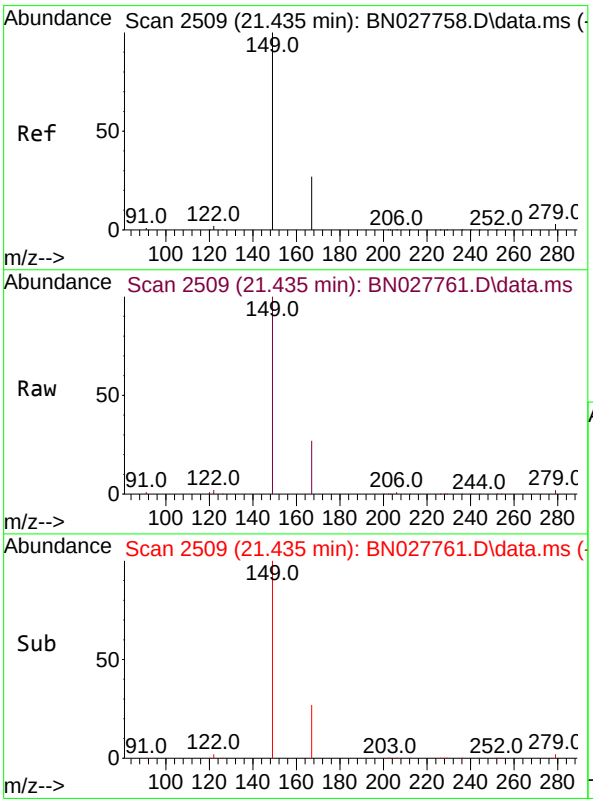
#33
Chrysene
Concen: 3.150 ng
RT: 21.614 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 156614

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.7	15.7	23.5

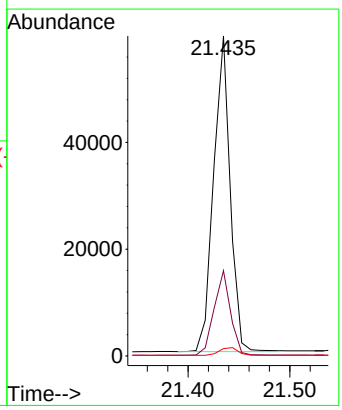


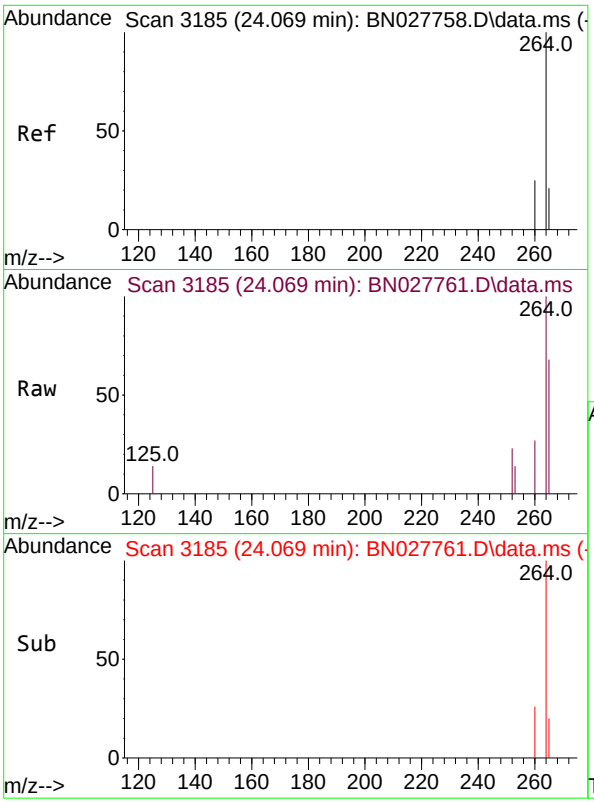


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.339 ng
RT: 21.435 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:149 Resp: 66784

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.4	32.2
279	2.7	2.3	3.5



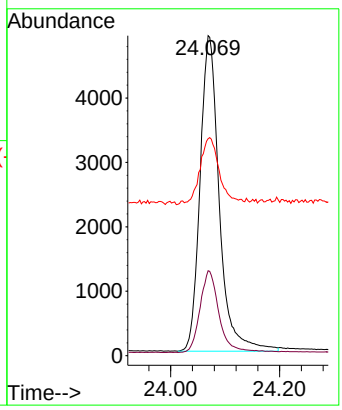


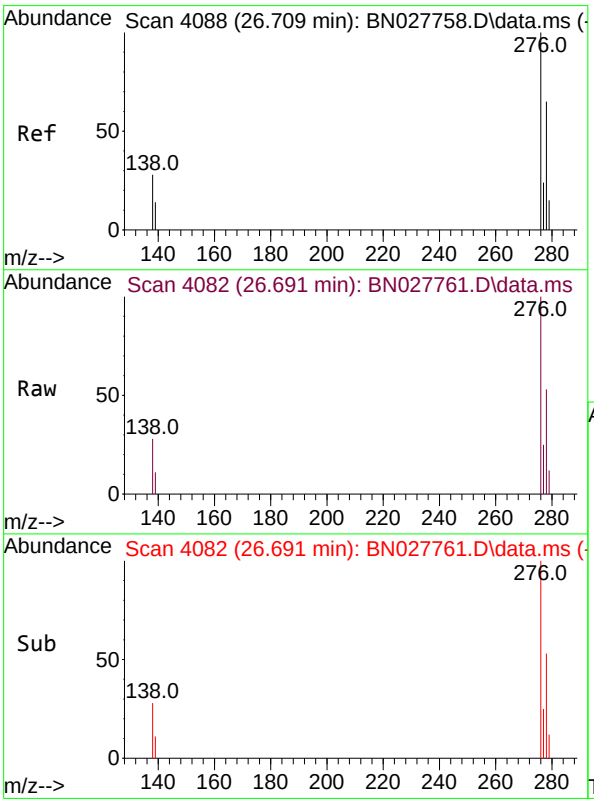
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.069 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 11984

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.0	31.6
265	67.8	60.5	90.7

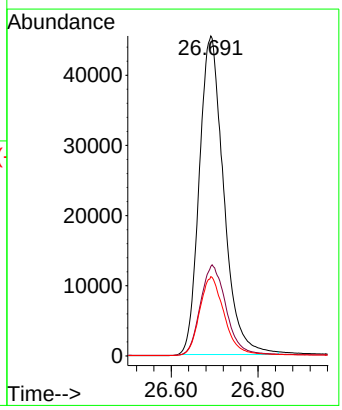


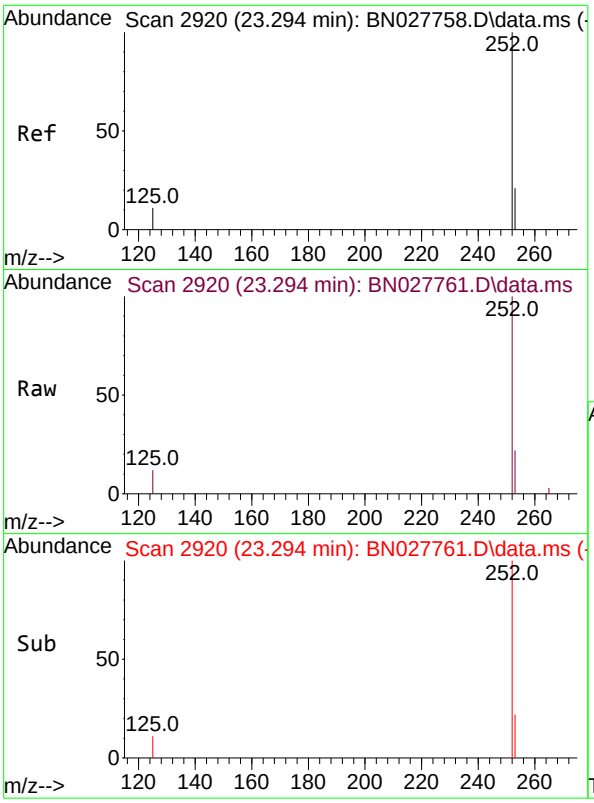


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.469 ng
RT: 26.691 min Scan# 4082
Delta R.T. -0.018 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:276 Resp: 176865

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.5	35.3
277	24.8	19.9	29.9



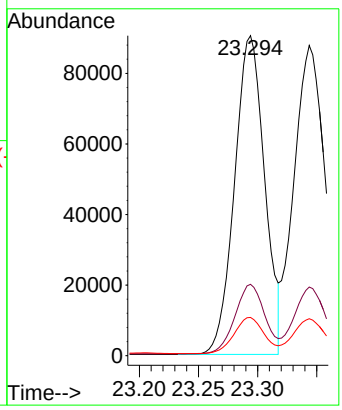


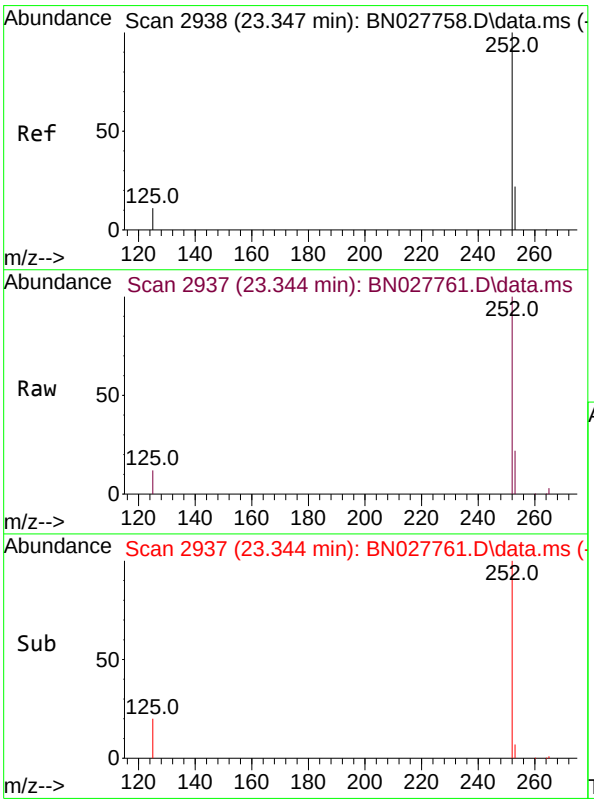
#37
Benzo(b)fluoranthene
Concen: 3.366 ng
RT: 23.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 159488

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.8	31.2
125	12.0	13.5	20.3#

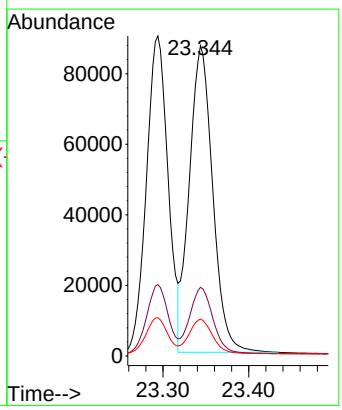


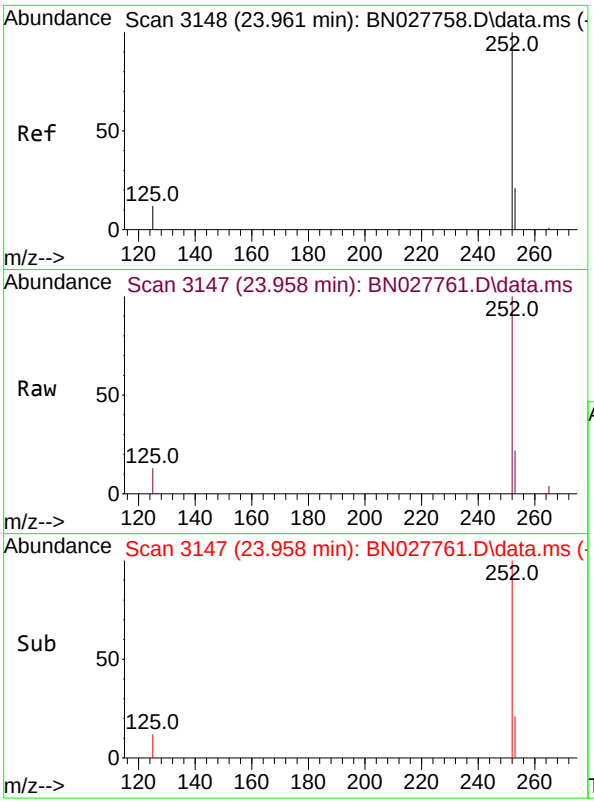


#38
Benzo(k)fluoranthene
Concen: 3.433 ng
RT: 23.344 min Scan# 2937
Delta R.T. -0.003 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:252 Resp: 164958

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.2	31.8
125	11.9	13.8	20.6#



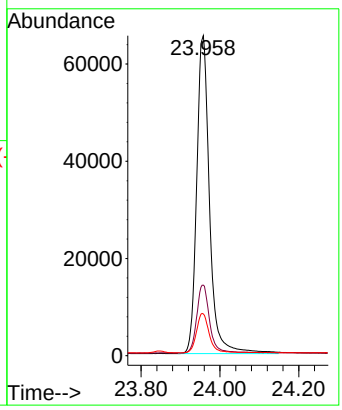


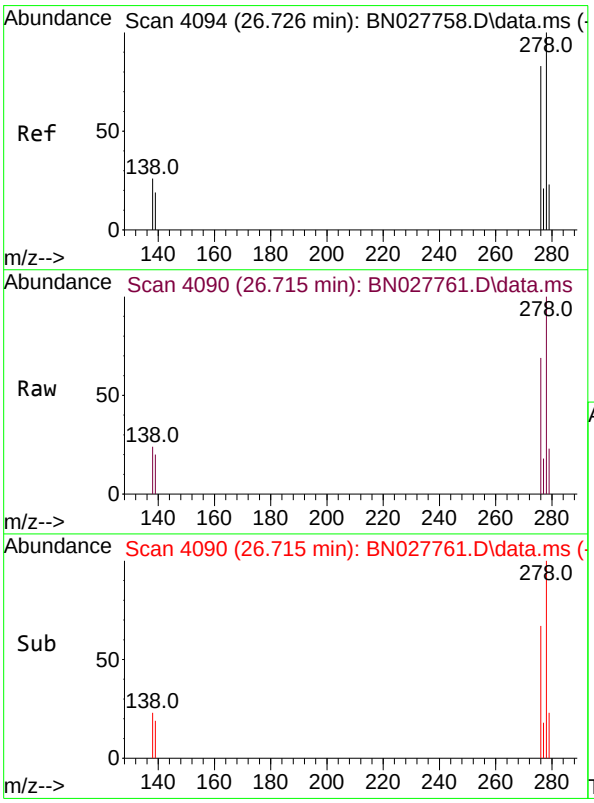
#39
Benzo(a)pyrene
Concen: 3.441 ng
RT: 23.958 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 148121

Ion	Ratio	Lower	Upper
252	100		
253	22.1	22.6	33.8#
125	13.1	16.5	24.7#

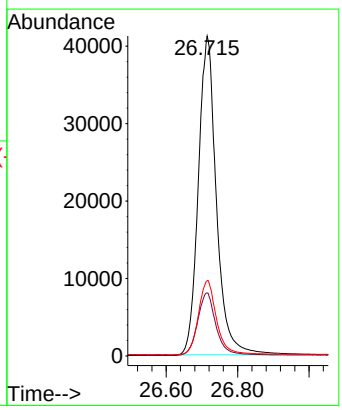


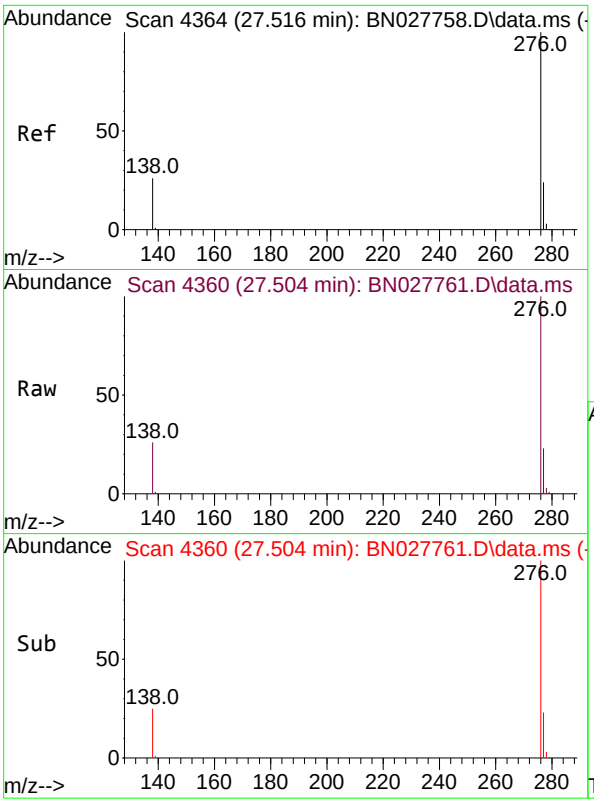


#40
Dibenzo(a,h)anthracene
Concen: 3.483 ng
RT: 26.715 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Tgt Ion:278 Resp: 144971

Ion	Ratio	Lower	Upper
278	100		
139	19.7	17.1	25.7
279	23.5	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 3.354 ng
RT: 27.504 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN027761.D
Acq: 20 Sep 2023 12:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 154373

Ion	Ratio	Lower	Upper
276	100		
277	23.3	20.4	30.6
138	25.5	21.9	32.9