Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027677.D
Acq On : 14 Sep 2023 13:16
Operator : MA/JU
Sample : PB155357BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 14 16:23:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	7084	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	18992	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	8575	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	16734	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	11825	0.400	ng	# 0.00
35) Perylene-d12	24.083	264	10570	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	7723	0.418	ng	0.00
5) Phenol-d6	7.178	99	8906	0.397	ng	0.00
8) Nitrobenzene-d5	9.219	82	6313	0.456	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9750	0.350	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	971	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13997	0.429	ng	-0.01
27) Fluoranthene-d10	19.425	212	14259	0.343	ng	0.00
31) Terphenyl-d14	20.015	244	9640	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3408	0.394	ng	# 84
3) n-Nitrosodimethylamine	3.812	42	3913	0.427	ng	90
6) bis(2-Chloroethyl)ether	7.459	93	8726	0.402	ng	98
9) Naphthalene	10.895	128	21023	0.406	ng	99
10) Hexachlorobutadiene	11.120	225	3924	0.406	ng	# 98
12) 2-Methylnaphthalene	12.494	142	12787	0.347	ng	99
16) Acenaphthylene	14.384	152	14222	0.364	ng	100
17) Acenaphthene	14.715	154	10342	0.397	ng	98
18) Fluorene	15.693	166	12688	0.365	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	86	0.361	ng	82
21) 4-Bromophenyl-phenylether	16.586	248	3603	0.408	ng	# 83
22) Hexachlorobenzene	16.673	284	4152	0.397	ng	99
23) Atrazine	16.859	200	2308	0.349	ng	98
24) Pentachlorophenol	17.033	266	1250	0.310	ng	98
25) Phenanthrene	17.443	178	19101	0.388	ng	100
26) Anthracene	17.542	178	15426	0.369	ng	99
28) Fluoranthene	19.458	202	19545	0.338	ng	100
30) Pyrene	19.825	202	19547	0.416	ng	100
32) Benzo(a)anthracene	21.569	228	15818	0.390	ng	99
33) Chrysene	21.623	228	17740	0.398	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	6346	0.324	ng	99
36) Indeno(1,2,3-cd)pyrene	26.717	276	16994	0.396	ng	99
37) Benzo(b)fluoranthene	23.306	252	15883	0.388	ng	97
38) Benzo(k)fluoranthene	23.358	252	15496	0.369	ng	98
39) Benzo(a)pyrene	23.972	252	13542	0.354	ng	96
40) Dibenzo(a,h)anthracene	26.738	278	13900	0.413	ng	99
41) Benzo(g,h,i)perylene	27.539	276	15703	0.403	ng	99

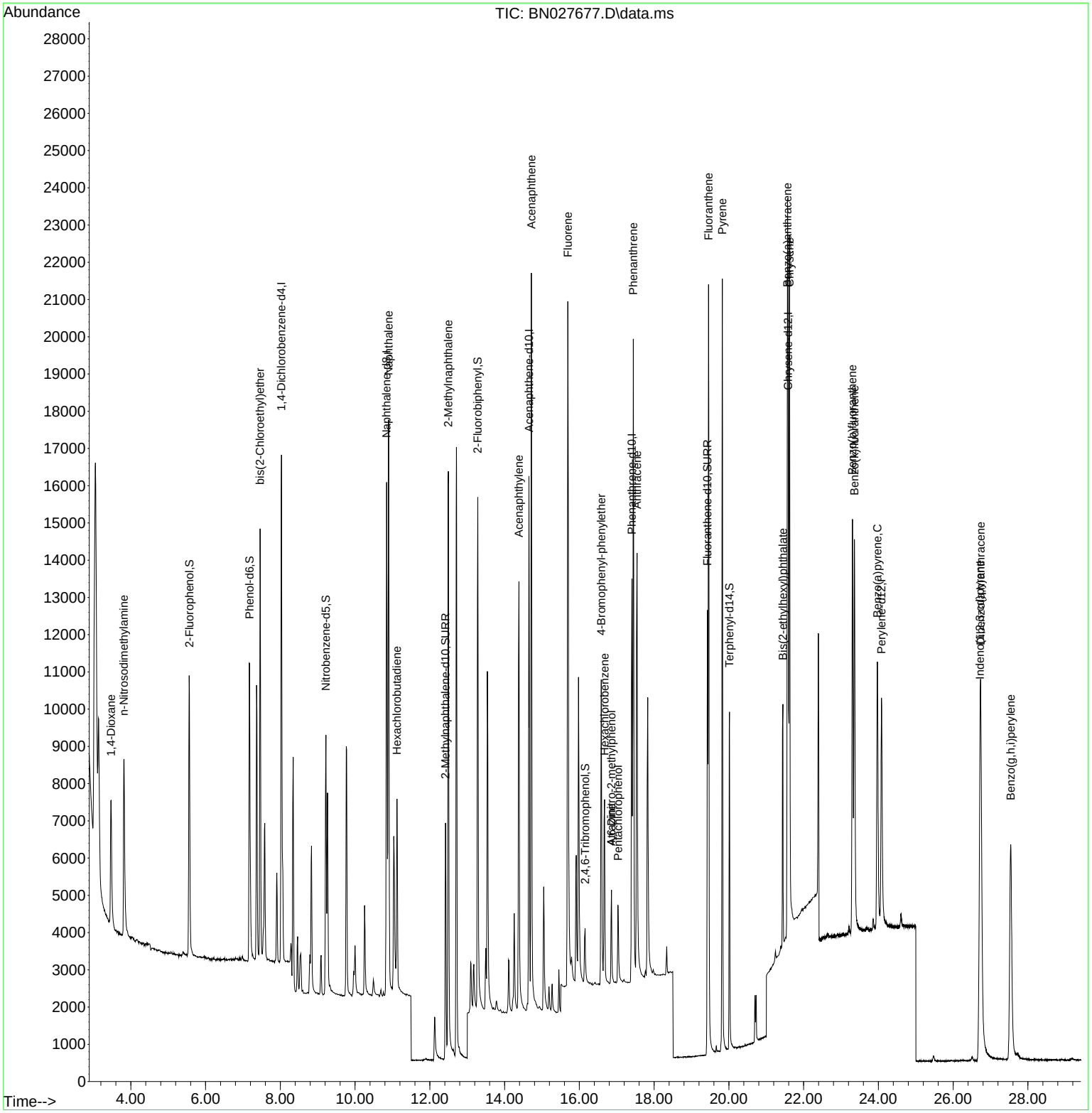
(#) = qualifier out of range (m) = manual integration (+) = signals summed

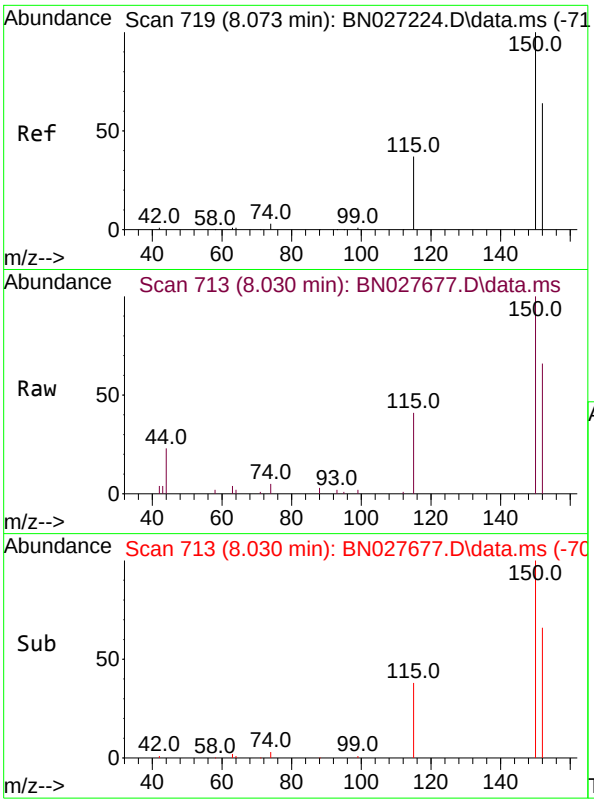
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027677.D
Acq On : 14 Sep 2023 13:16
Operator : MA/JU
Sample : PB155357BSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 14 16:23:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration



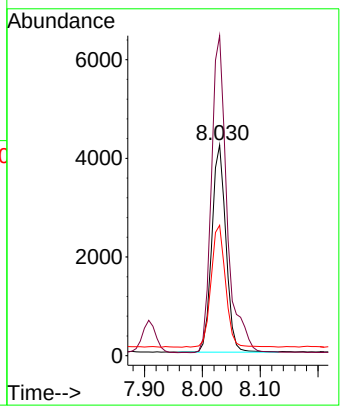


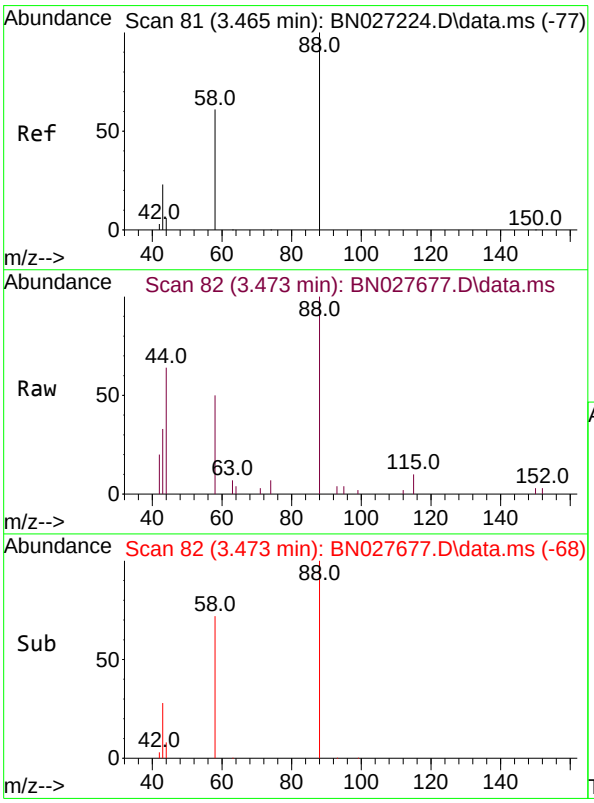
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7084

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.7	184.1
115	61.8	48.6	73.0

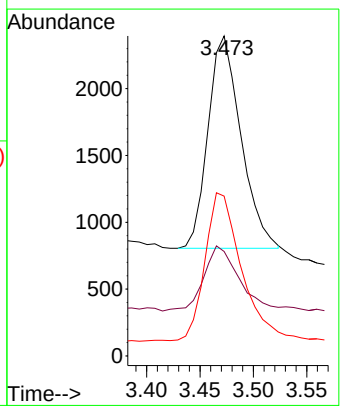


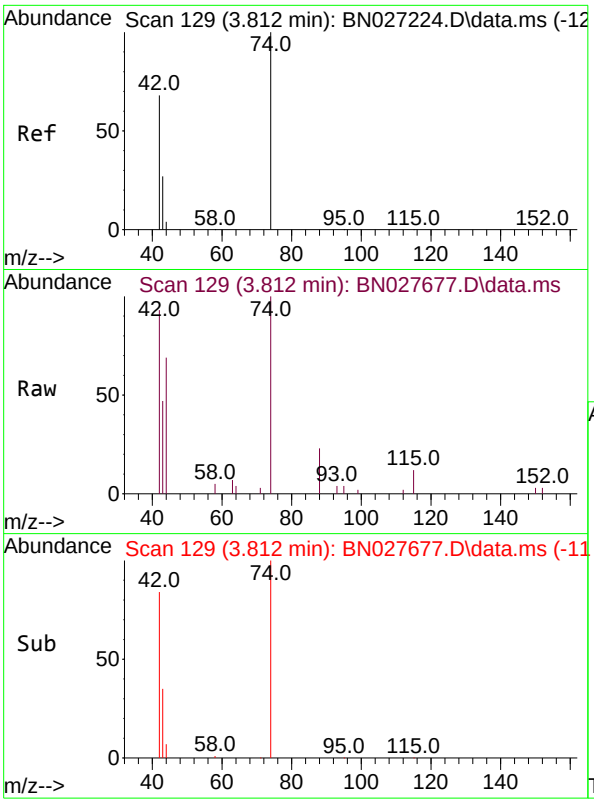


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.473 min Scan# 82
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion: 88 Resp: 3408

Ion	Ratio	Lower	Upper
88	100		
43	32.6	19.1	28.7#
58	77.1	52.2	78.2



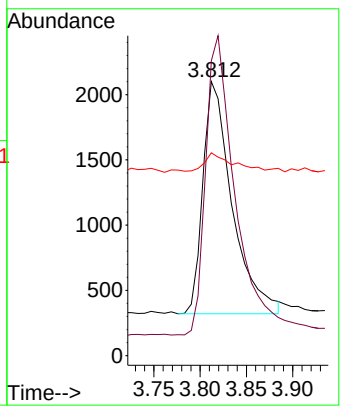


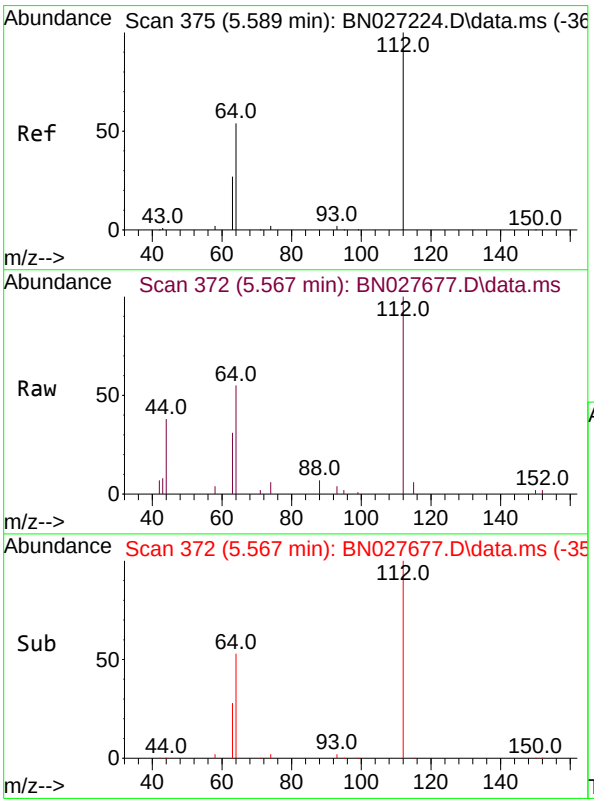
#3
n-Nitrosodimethylamine
Concen: 0.427 ng
RT: 3.812 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3913

Ion	Ratio	Lower	Upper
42	100		
74	129.5	113.8	170.8
44	7.6	7.3	10.9

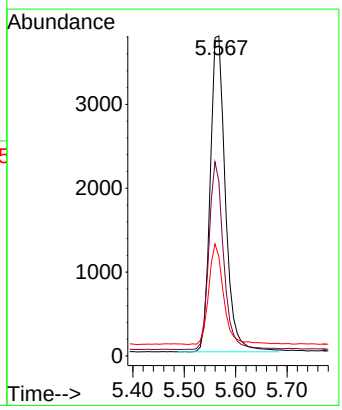


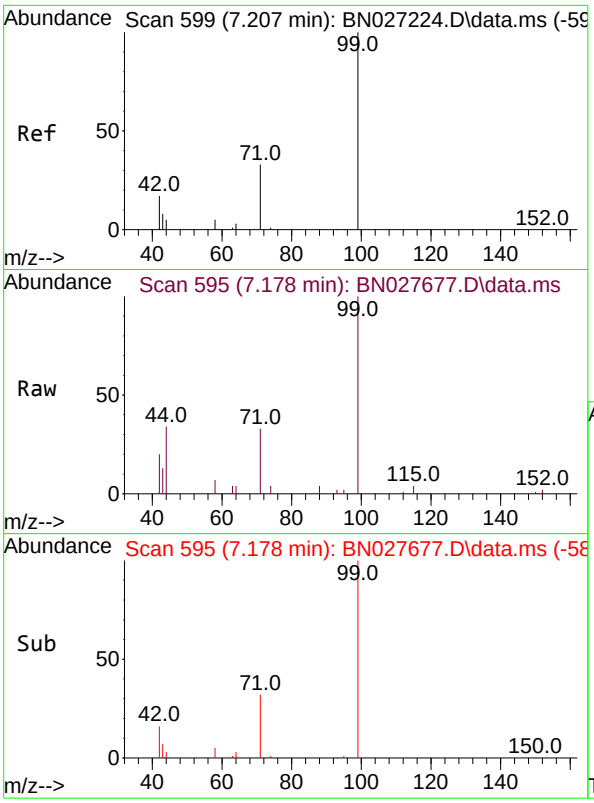


#4
2-Fluorophenol
Concen: 0.418 ng
RT: 5.567 min Scan# 372
Delta R.T. -0.007 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:112 Resp: 7723

Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.4	66.6
63	31.4	23.1	34.7



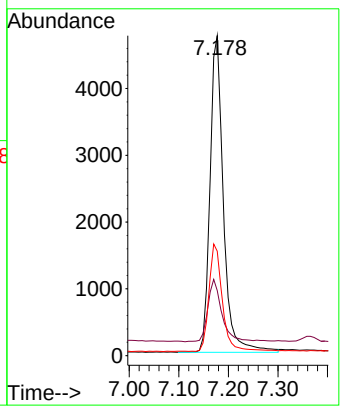


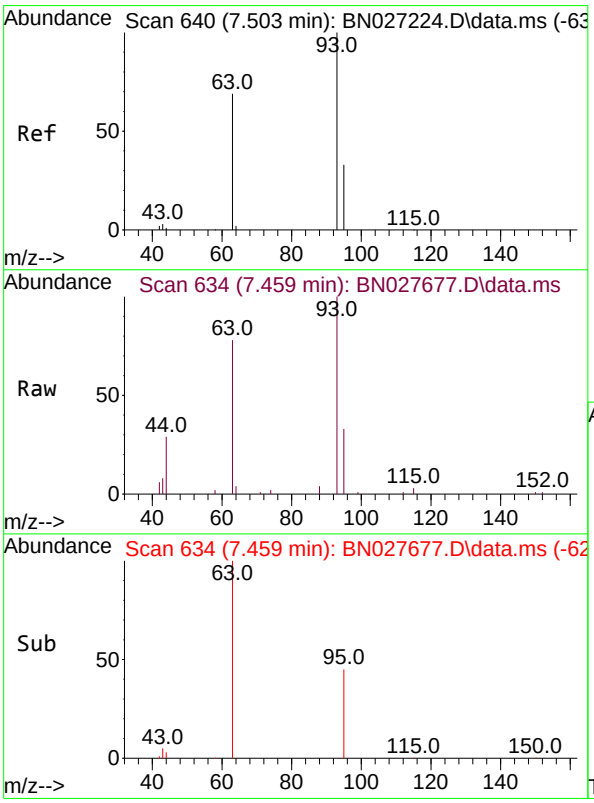
#5
Phenol-d6
Concen: 0.397 ng
RT: 7.178 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 8906

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	34.0	25.8	38.6

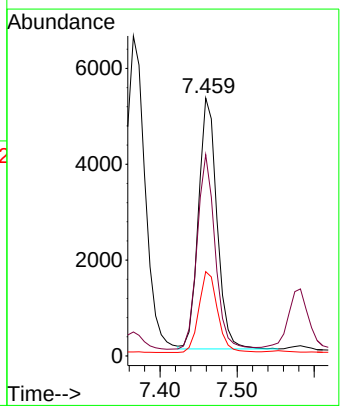


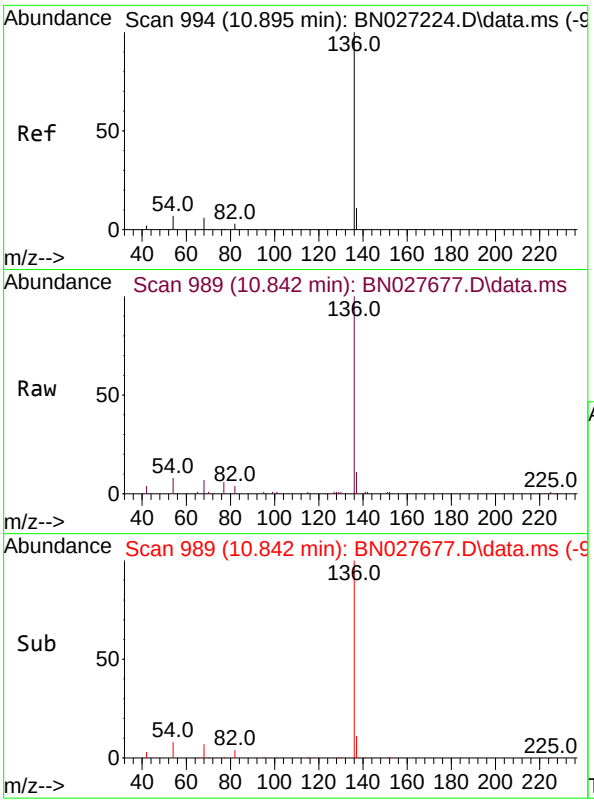


#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 7.459 min Scan# 634
Delta R.T. -0.007 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion: 93 Resp: 8726

Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.5	87.7
95	32.5	26.1	39.1



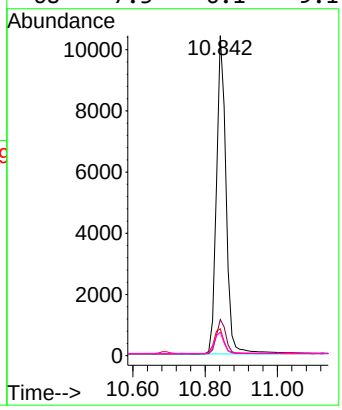


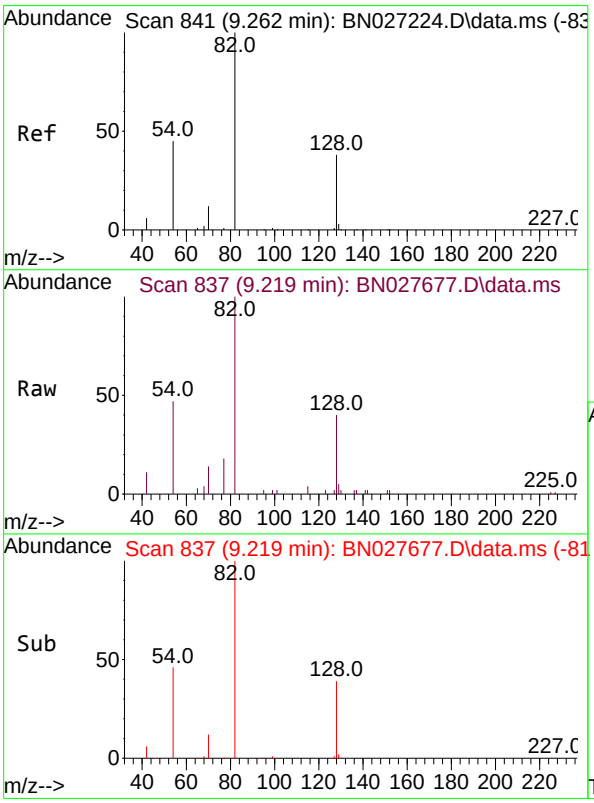
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18992

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.4	6.7	10.1
68	7.3	6.1	9.1

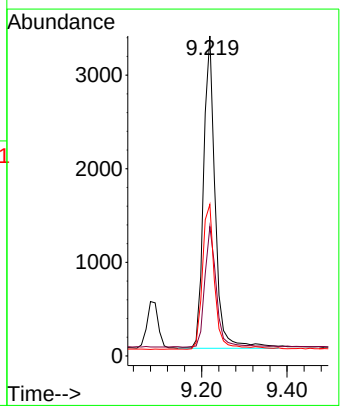


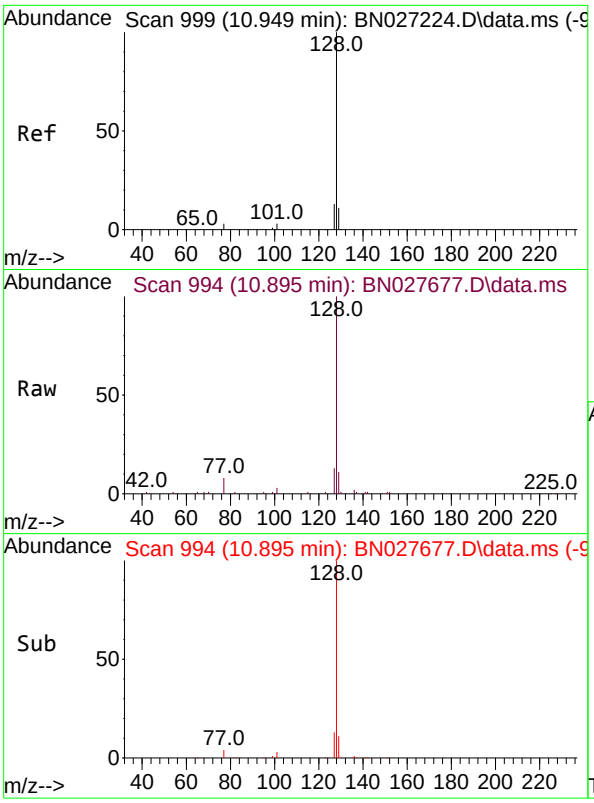


#8
Nitrobenzene-d5
Concen: 0.456 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion: 82 Resp: 6313

Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.4	50.0
54	47.3	37.7	56.5



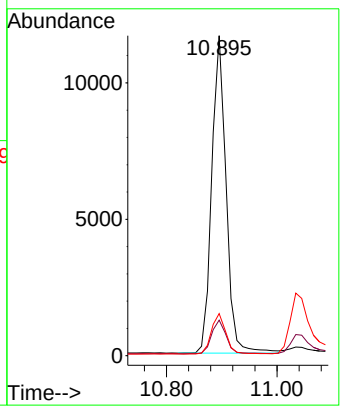


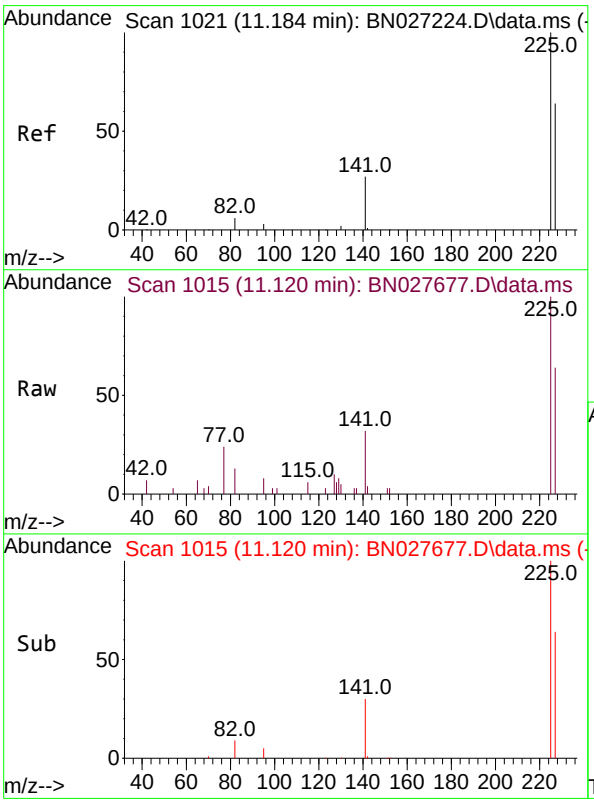
#9
Naphthalene
Concen: 0.406 ng
RT: 10.895 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21023

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.2	10.6	15.8

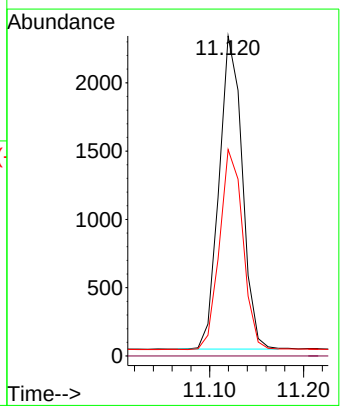


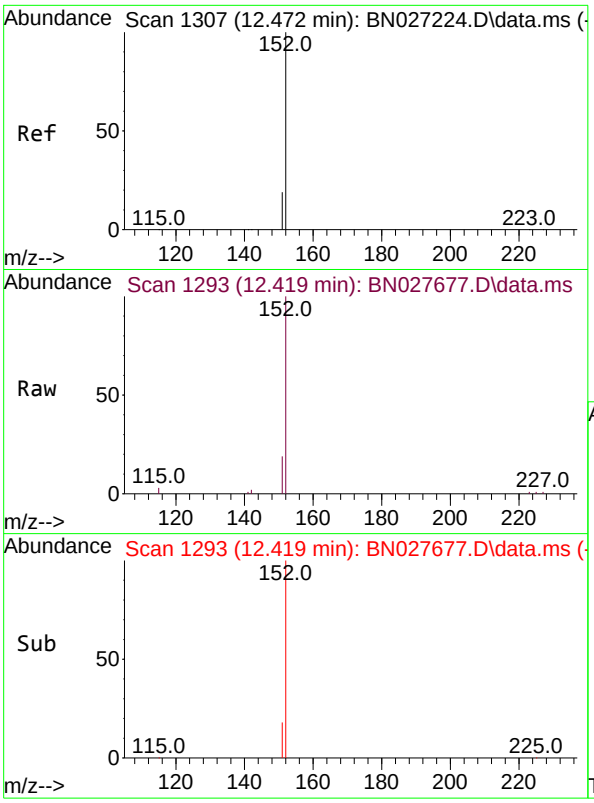


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 11.120 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:225 Resp: 3924

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.6	75.8



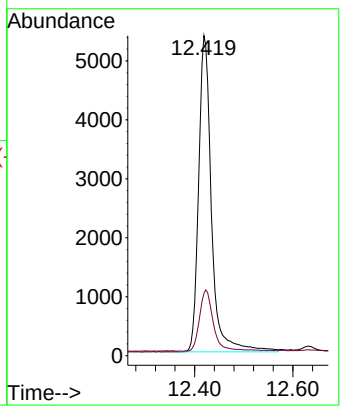


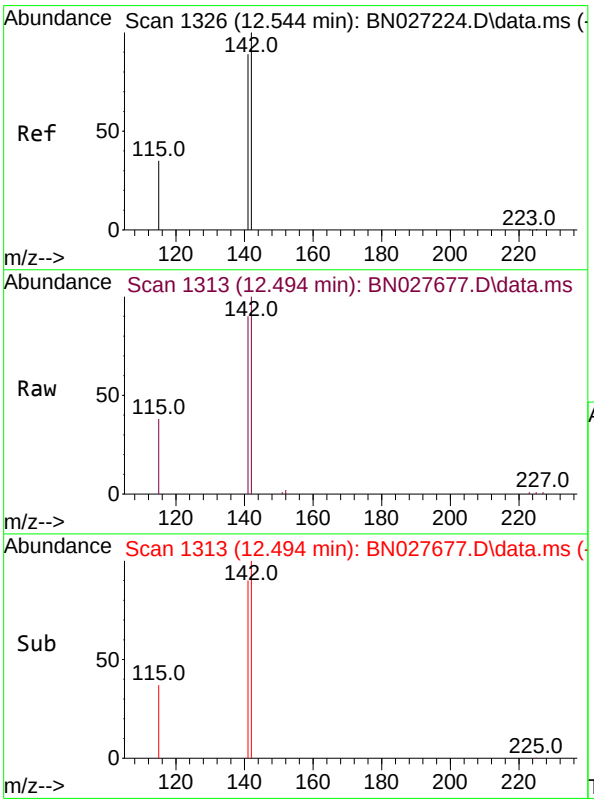
#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9750

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0

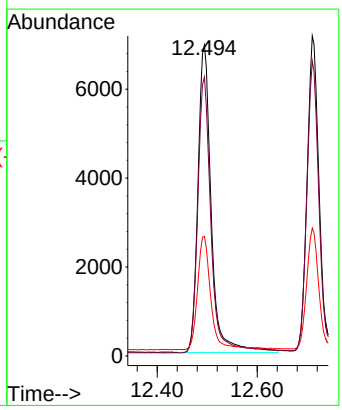


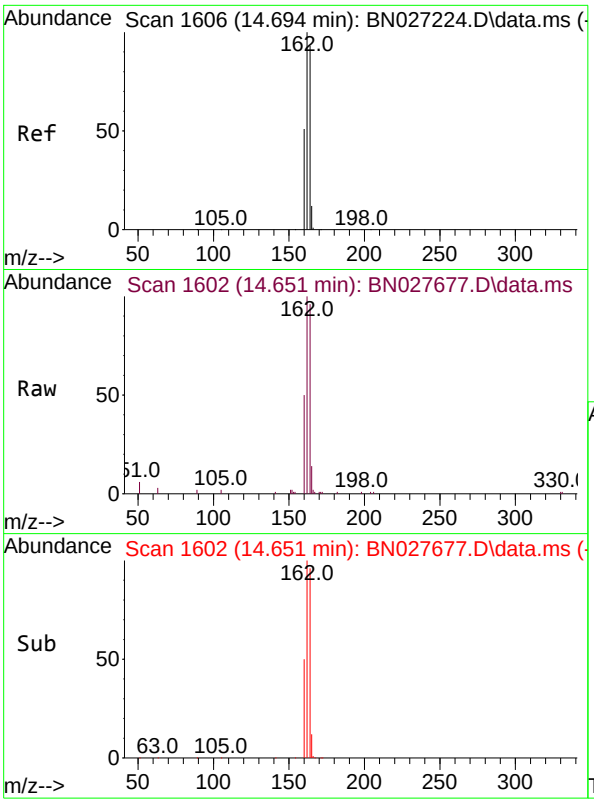


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.494 min Scan# 1313
Delta R.T. -0.008 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:142 Resp: 12787

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.1	106.7
115	38.5	29.6	44.4



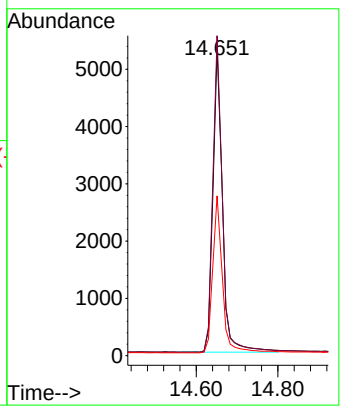


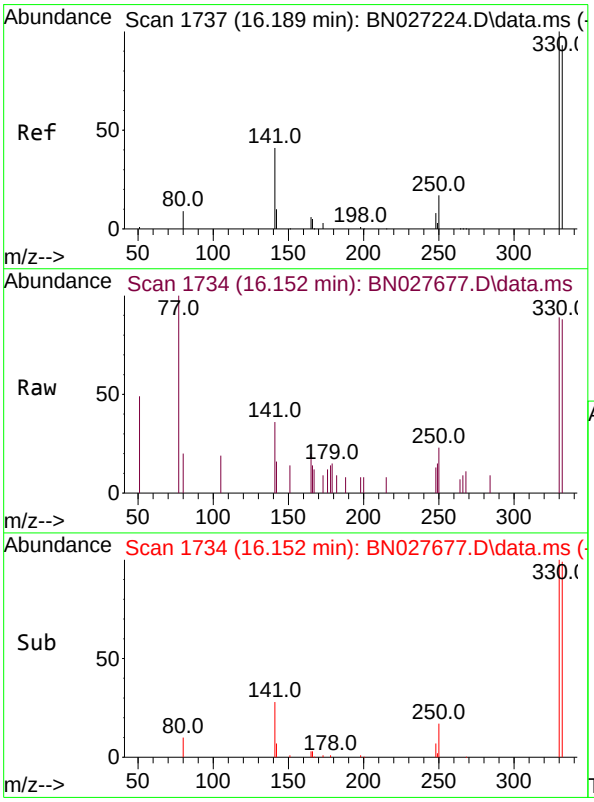
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8575

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.8	128.8
160	52.1	44.2	66.2

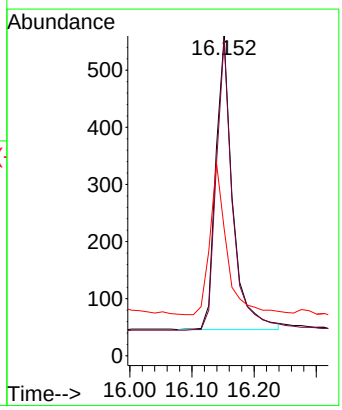


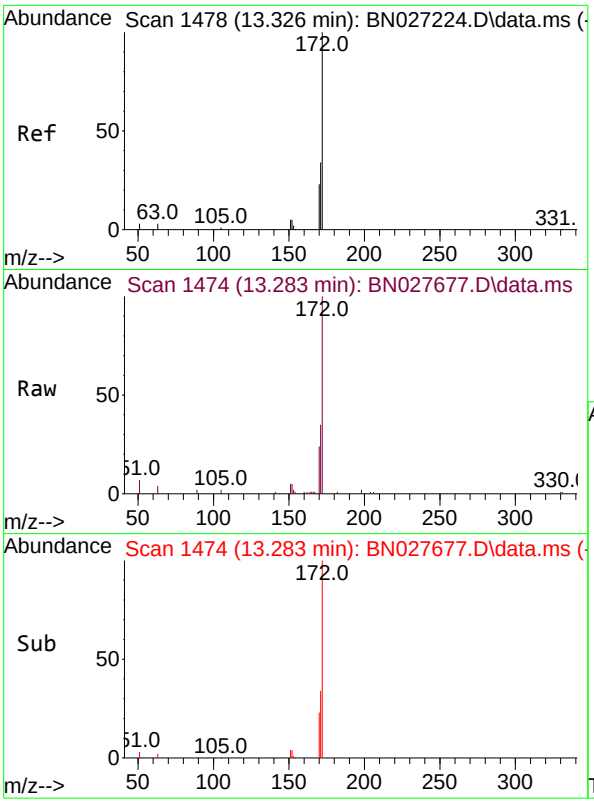


#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 16.152 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:330 Resp: 971

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.2	112.8
141	51.5	36.2	54.4



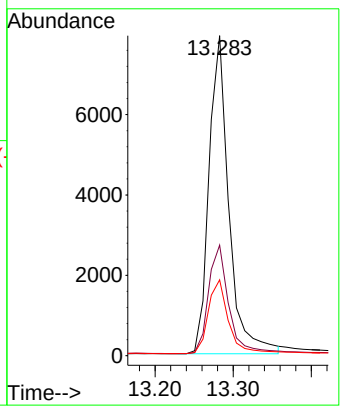


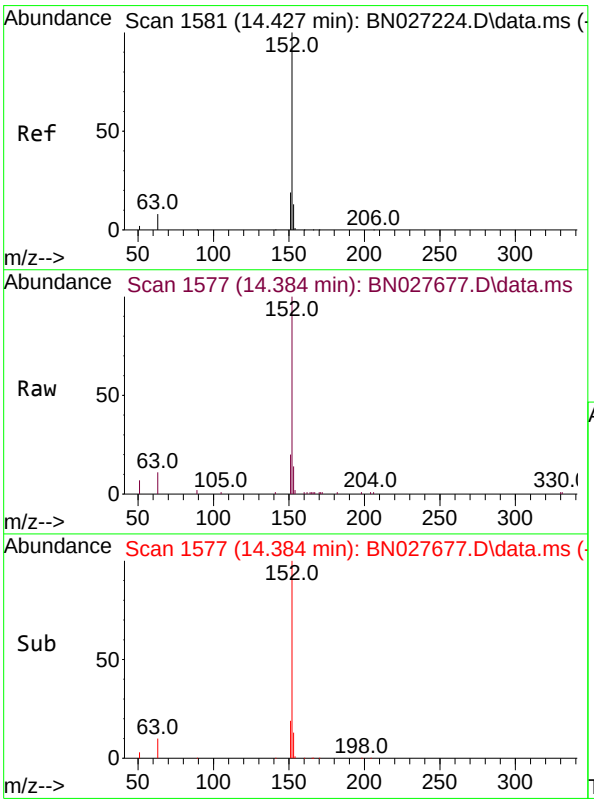
#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 13997

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.7	19.3	28.9

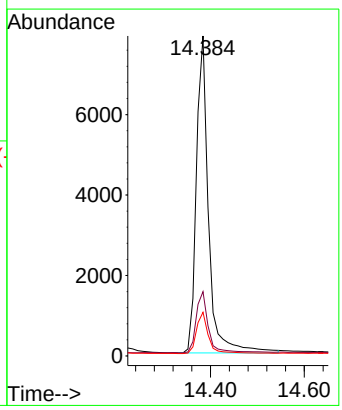


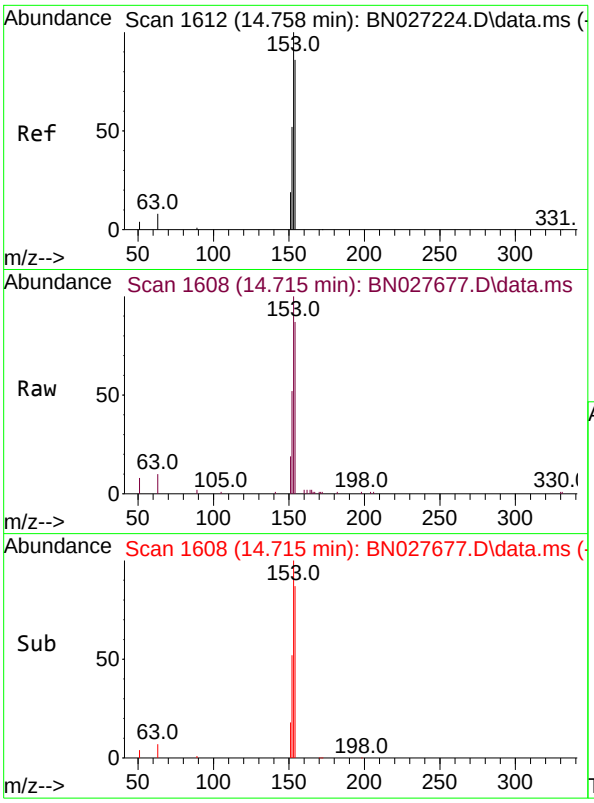


#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.384 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:152 Resp: 14222

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.3	15.5



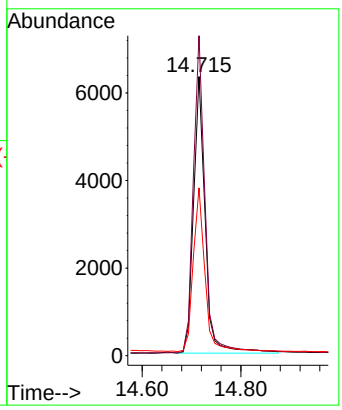


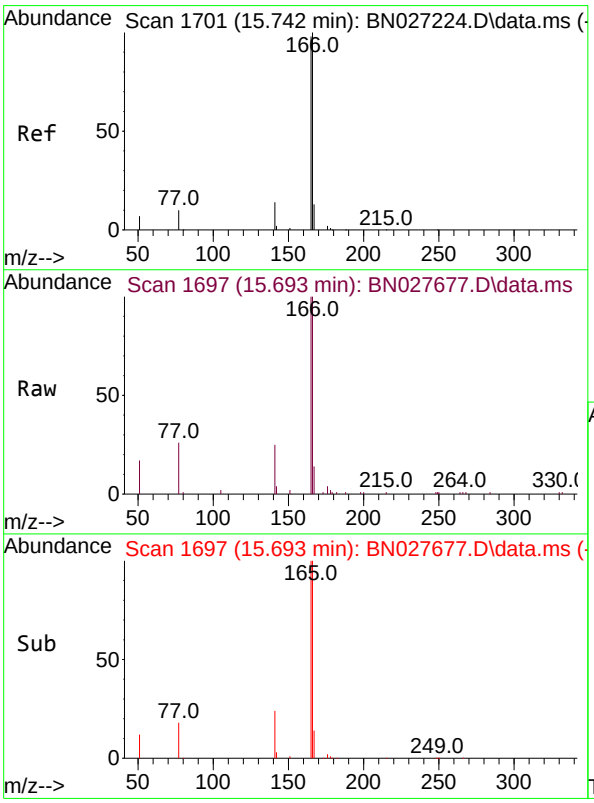
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.715 min Scan# 1(
Delta R.T. -0.011 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 10342

Ion	Ratio	Lower	Upper
154	100		
153	114.5	93.1	139.7
152	59.4	48.6	73.0

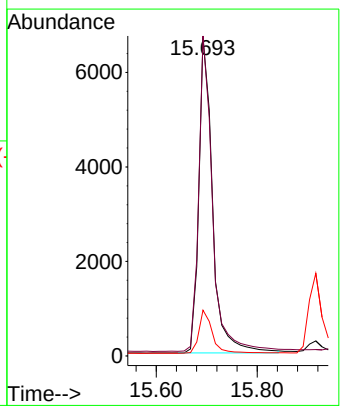


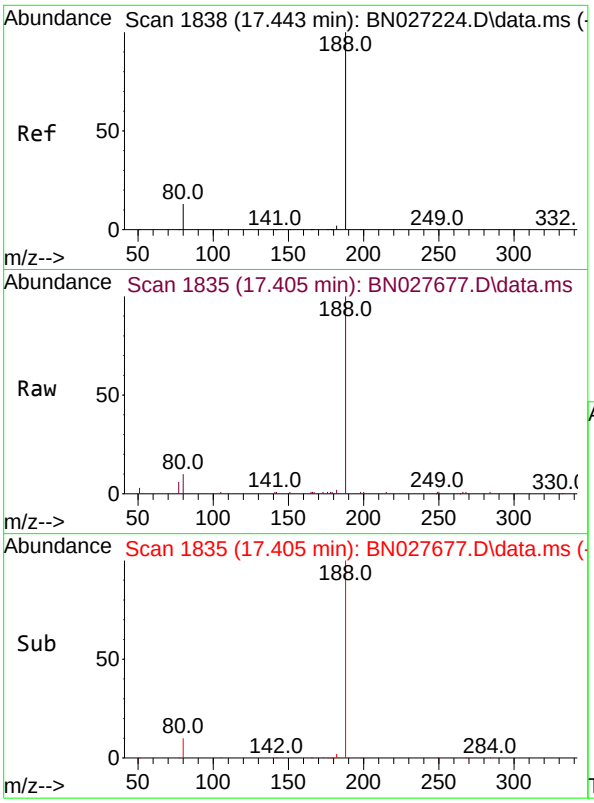


#18
Fluorene
Concen: 0.365 ng
RT: 15.693 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:166 Resp: 12688

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.4
167	13.6	10.8	16.2



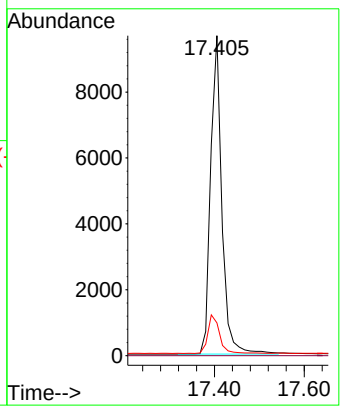


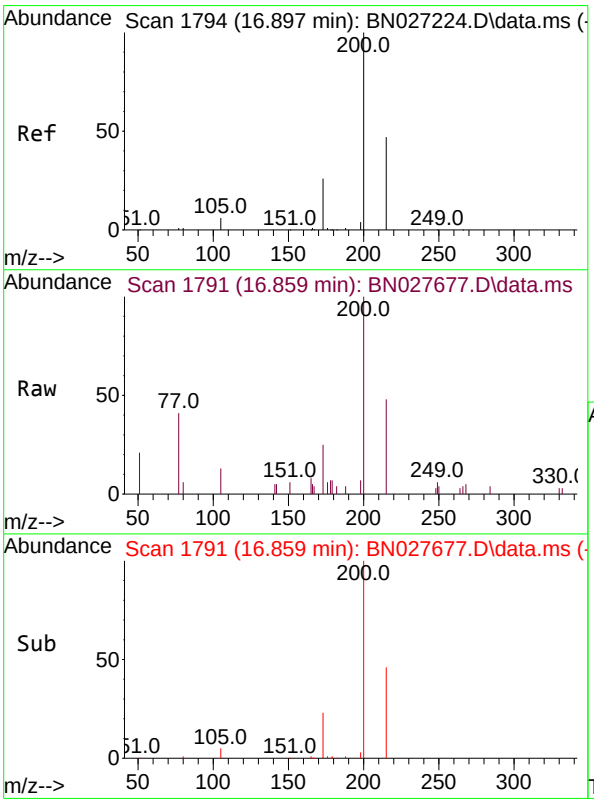
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 16734

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	11.0	16.6#

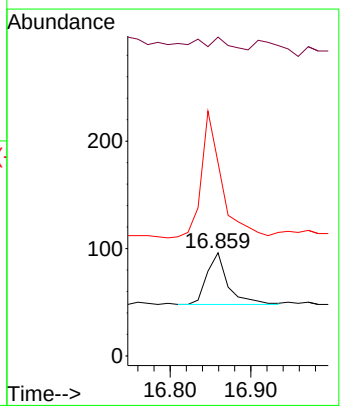


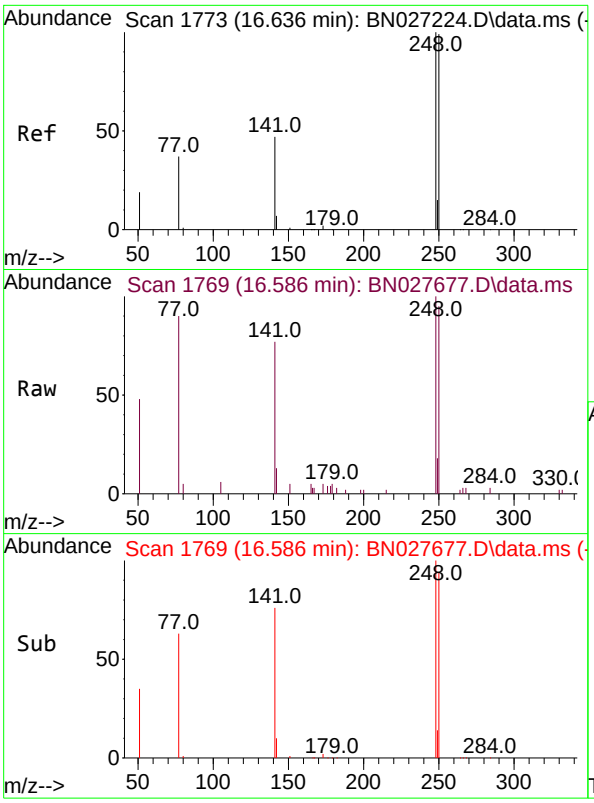


#20
4,6-Dinitro-2-methylphenol
Concen: 0.361 ng
RT: 16.859 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:198 Resp: 86

Ion	Ratio	Lower	Upper
198	100		
51	309.4	282.2	423.2
105	187.5	168.7	253.1



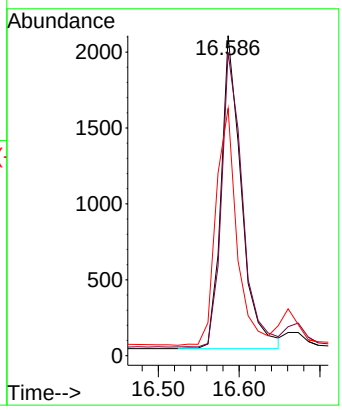


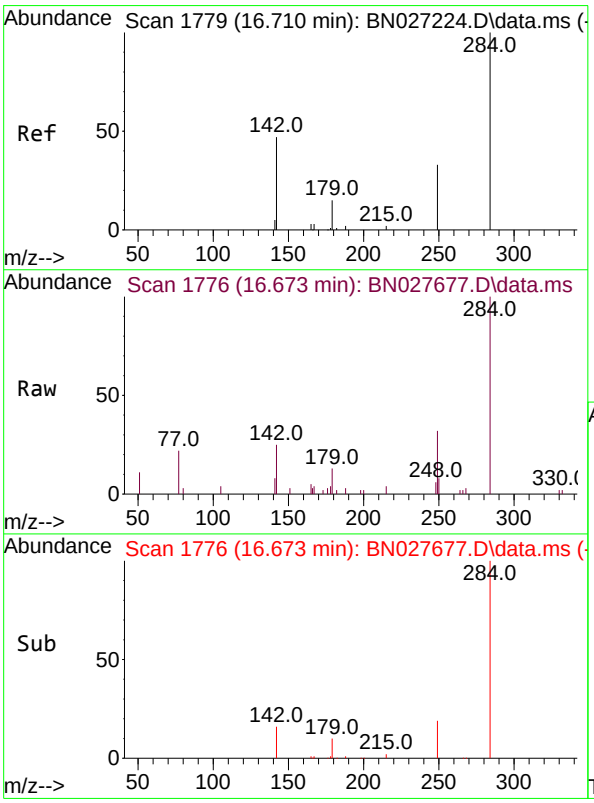
#21
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 3603

Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.7	119.5
141	77.3	39.8	59.8#

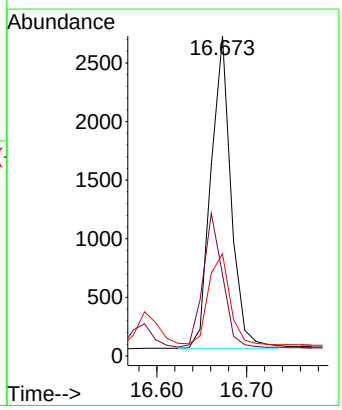


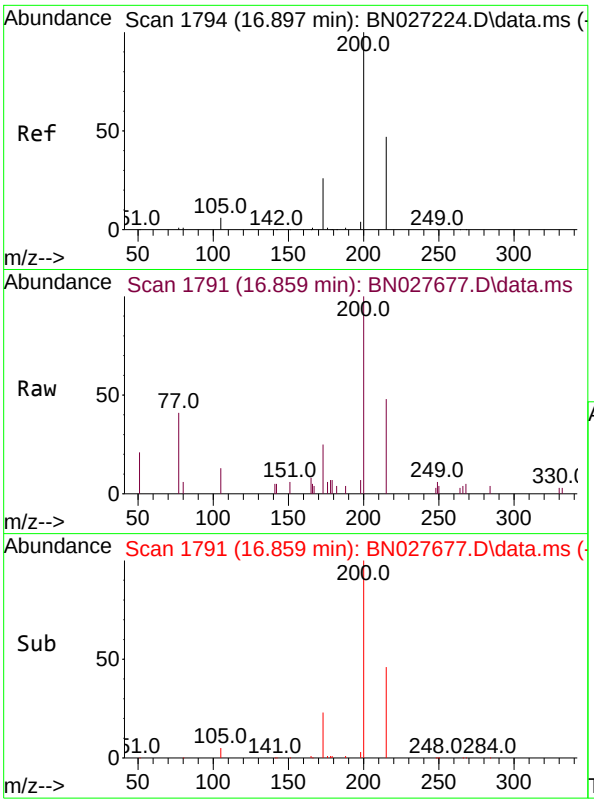


#22
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.673 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:284 Resp: 4152

Ion	Ratio	Lower	Upper
284	100		
142	41.5	32.9	49.3
249	31.0	24.3	36.5



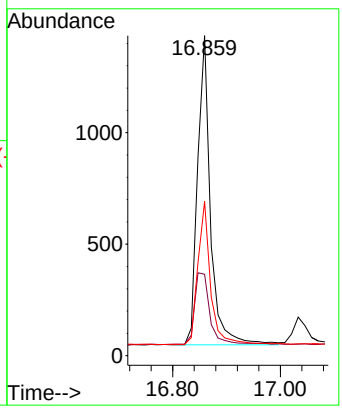


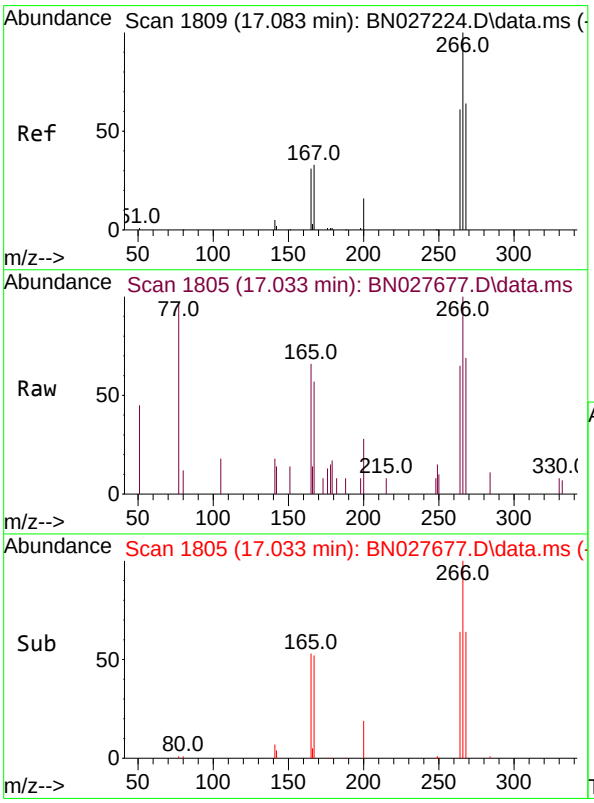
#23
Atrazine
Concen: 0.349 ng
RT: 16.859 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2308

Ion	Ratio	Lower	Upper
200	100		
173	25.4	22.5	33.7
215	48.2	39.0	58.6

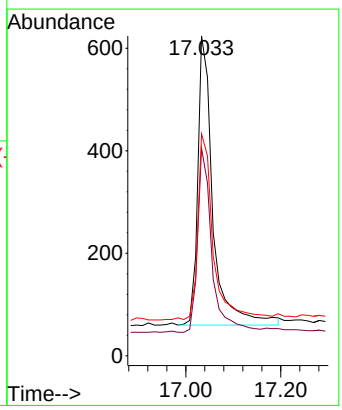


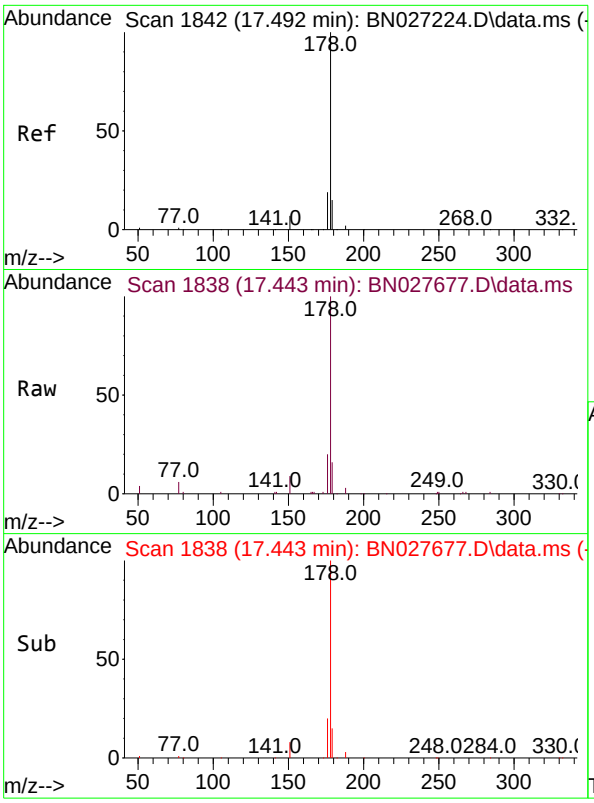


#24
Pentachlorophenol
Concen: 0.310 ng
RT: 17.033 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:266 Resp: 1250

Ion	Ratio	Lower	Upper
266	100		
264	59.9	50.3	75.5
268	64.9	52.0	78.0



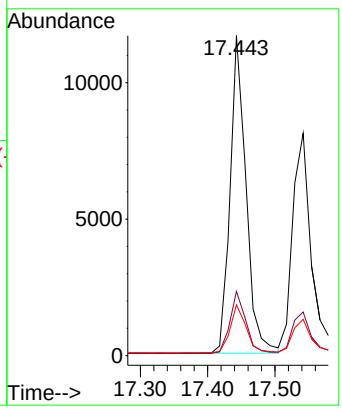


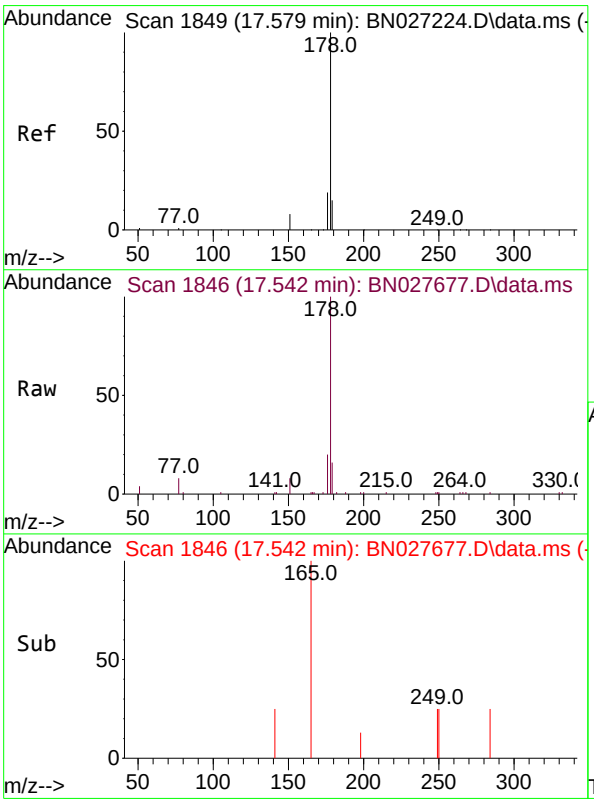
#25
Phenanthrene
Concen: 0.388 ng
RT: 17.443 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 19101

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.5	12.3	18.5

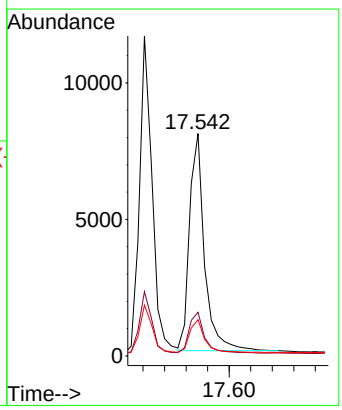


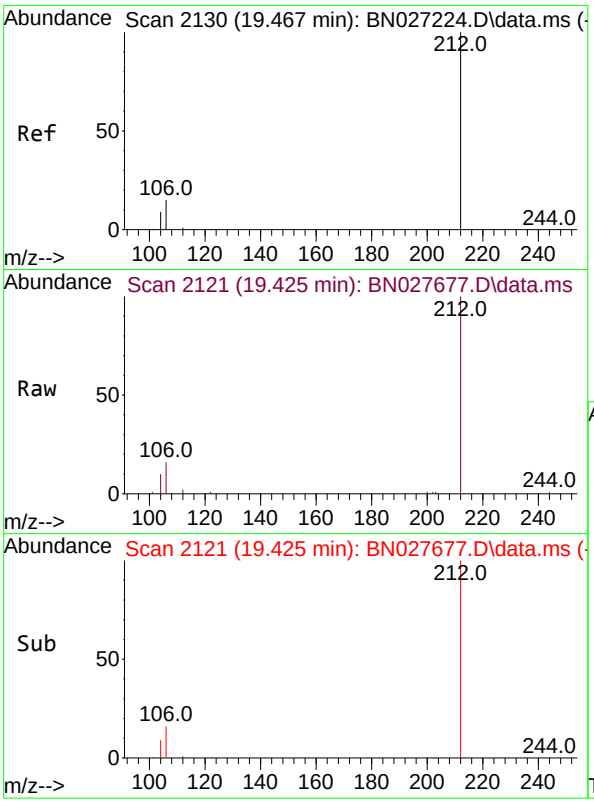


#26
Anthracene
Concen: 0.369 ng
RT: 17.542 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:178 Resp: 15426

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.4	12.0	18.0



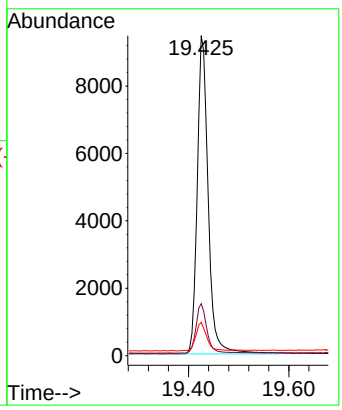


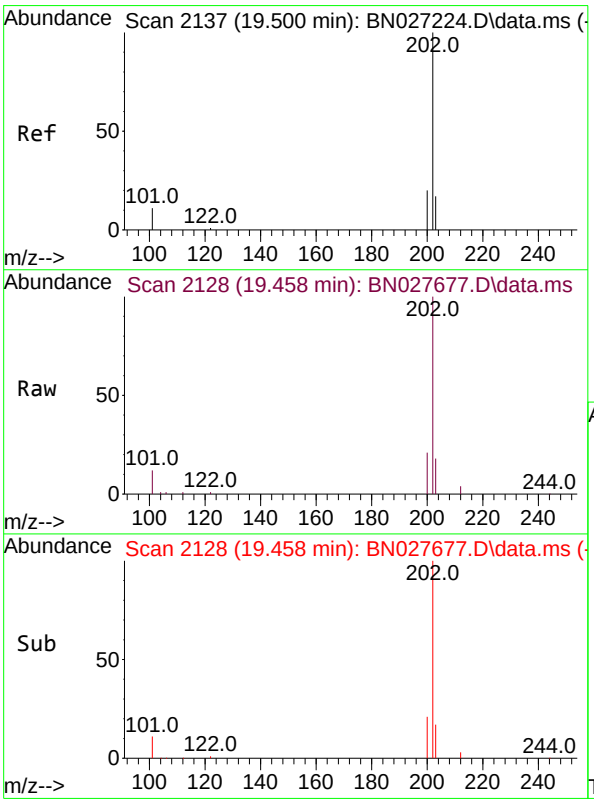
#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.425 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14259

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.1	18.1
104	9.0	6.9	10.3

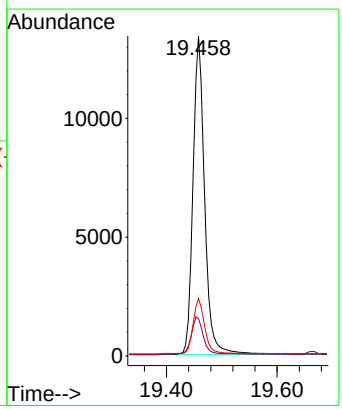


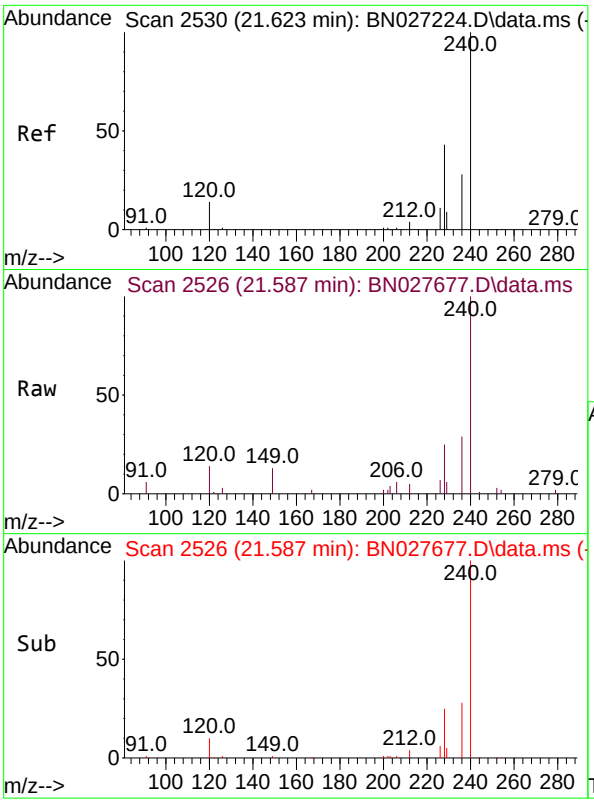


#28
Fluoranthene
Concen: 0.338 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:202 Resp: 19545

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.1	13.6	20.4



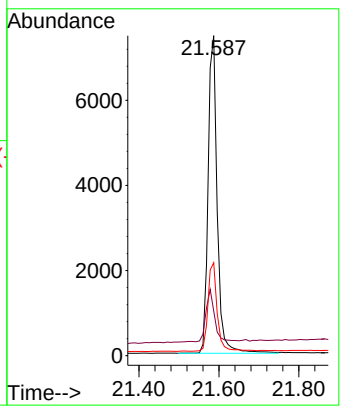


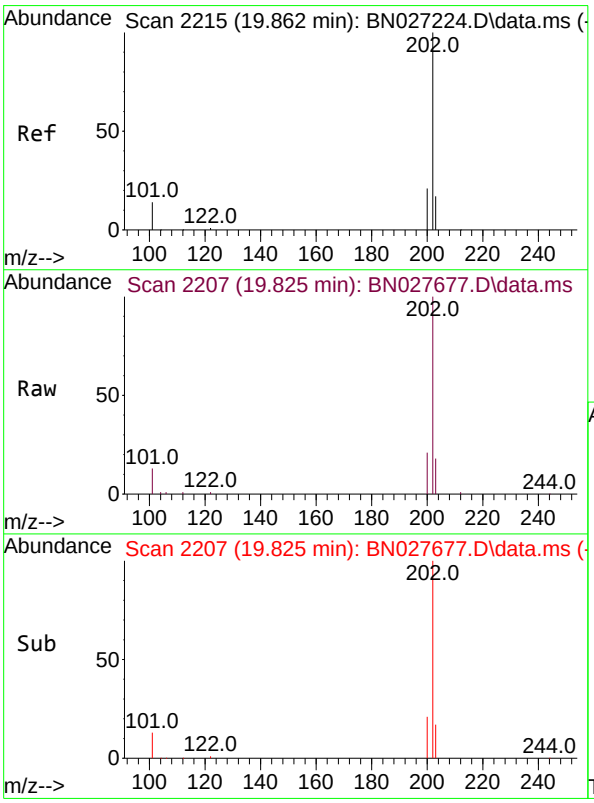
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 11825

Ion	Ratio	Lower	Upper
240	100		
120	14.0	14.2	21.4#
236	29.0	22.9	34.3

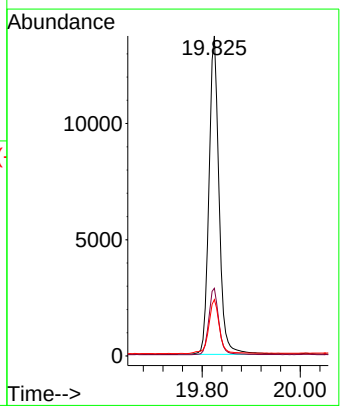


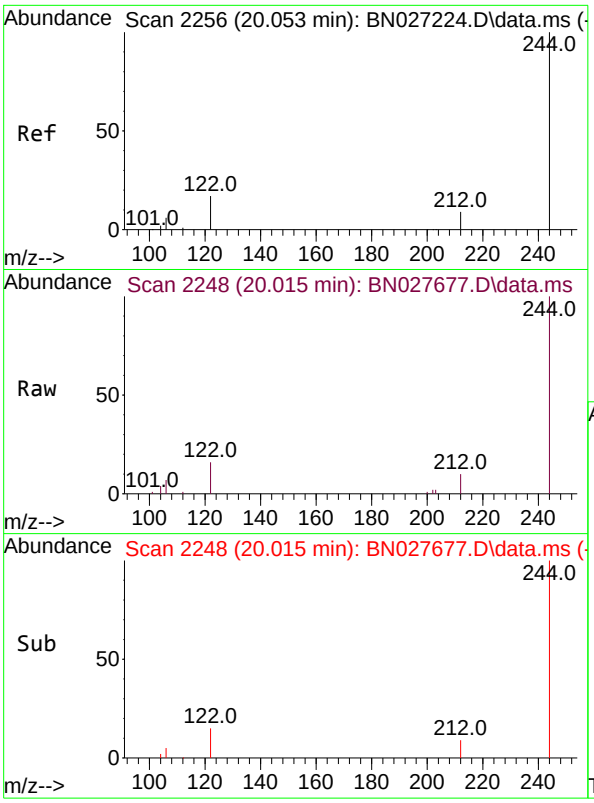


#30
Pyrene
Concen: 0.416 ng
RT: 19.825 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:202 Resp: 19547

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.9	14.2	21.4



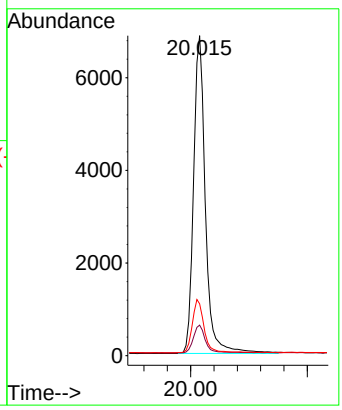


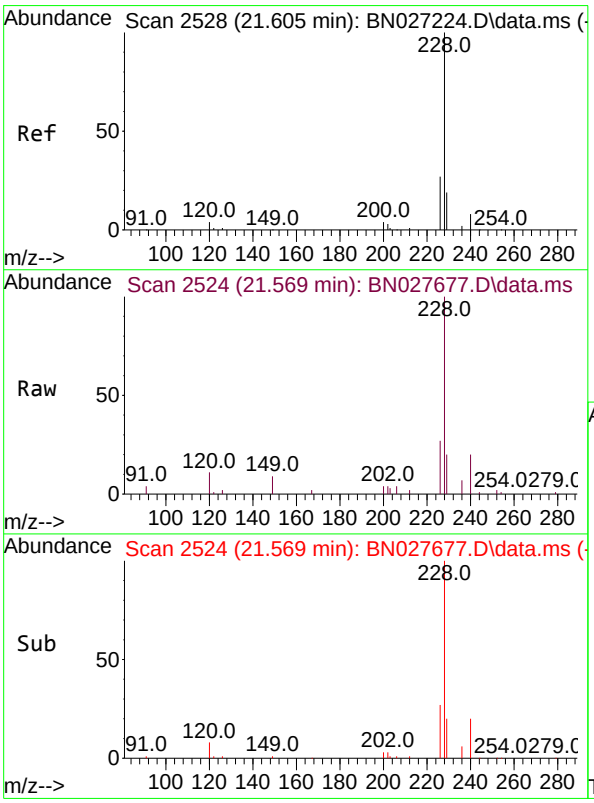
#31
Terphenyl-d14
Concen: 0.406 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9640

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	16.2	14.0	21.0

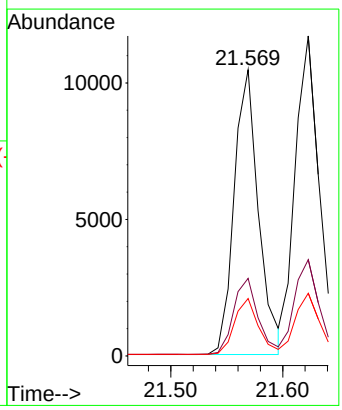


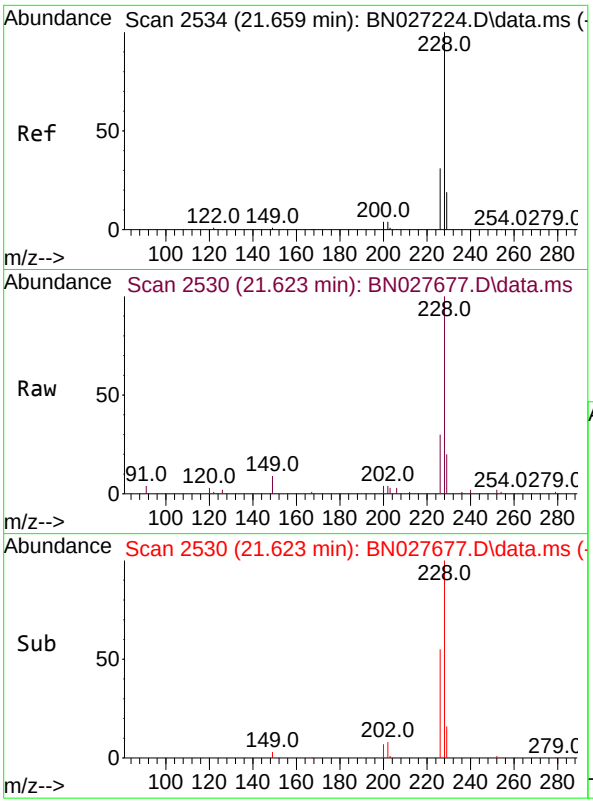


#32
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.569 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:228 Resp: 15818

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.1	15.7	23.5



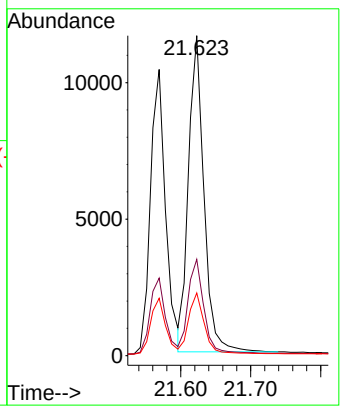


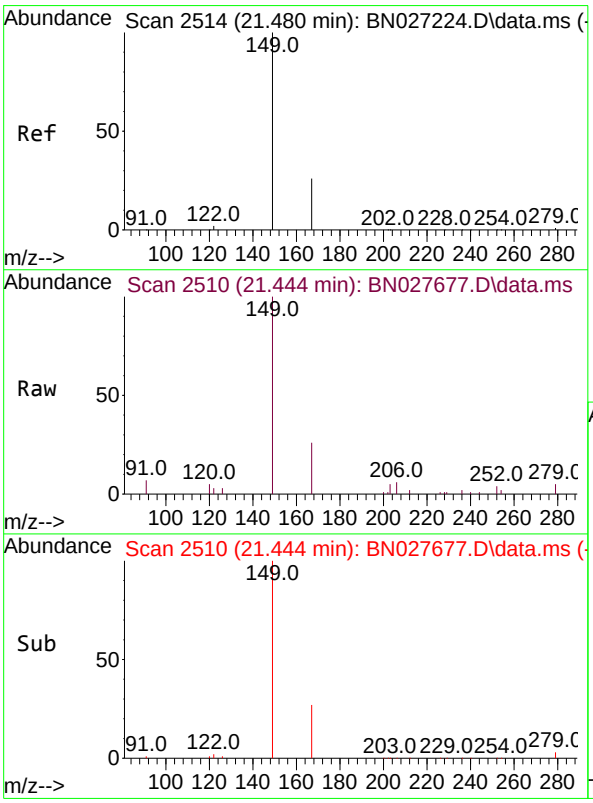
#33
Chrysene
Concen: 0.398 ng
RT: 21.623 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17740

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.6	15.4	23.2

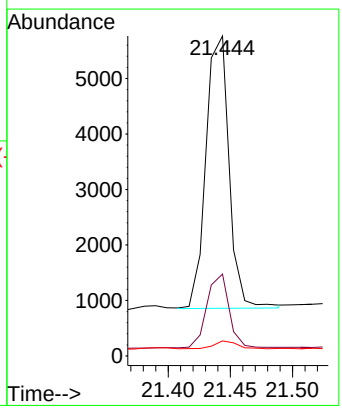


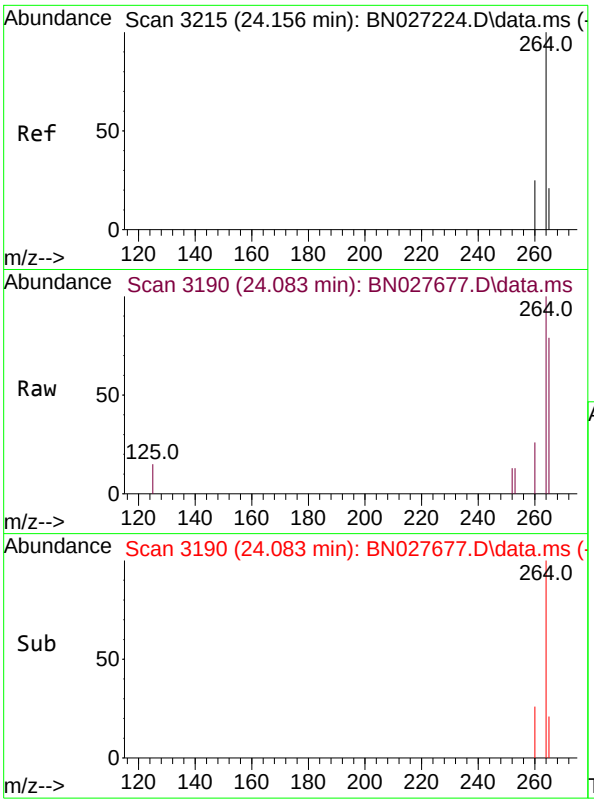


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.444 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:149 Resp: 6346

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	2.9	2.7	4.1



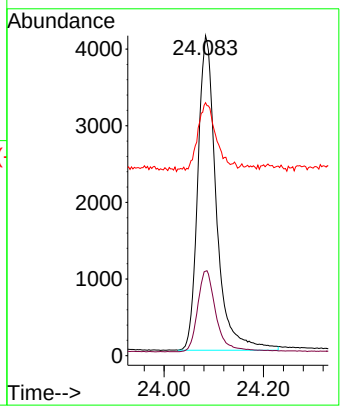


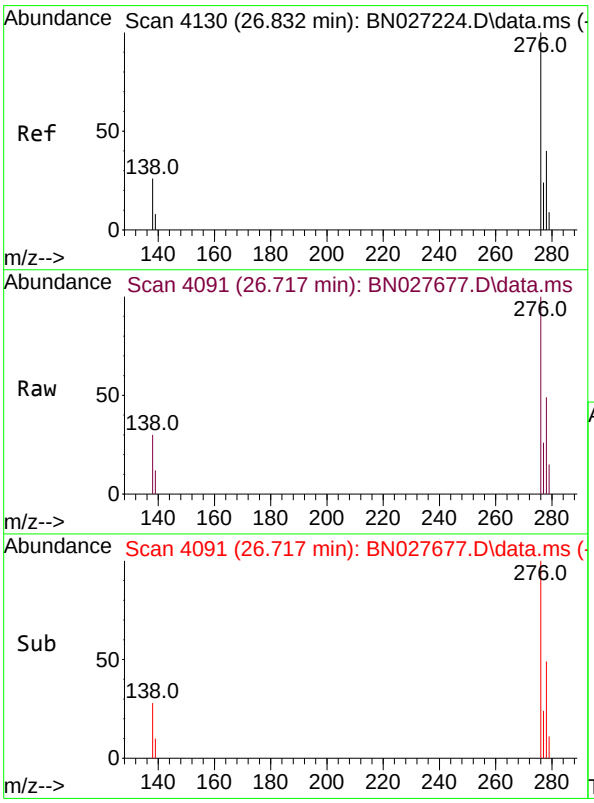
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.083 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 10570

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.7	31.1
265	79.1	53.3	79.9

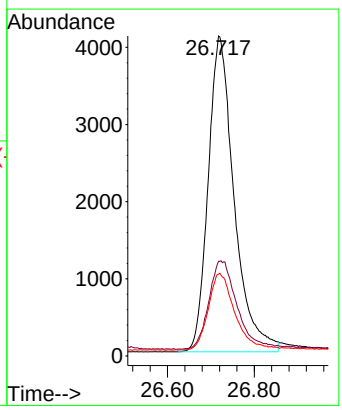


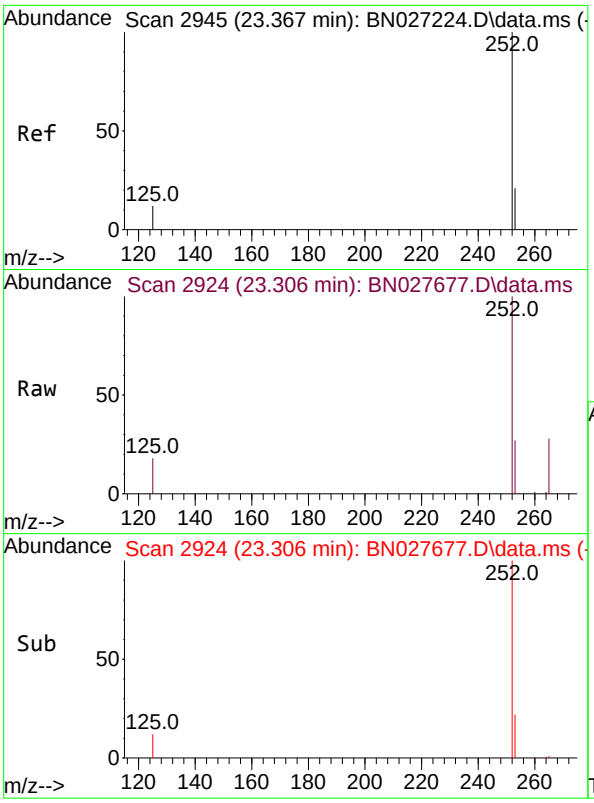


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.717 min Scan# 4091
Delta R.T. -0.012 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:276 Resp: 16994

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.4	35.2
277	24.5	19.8	29.8



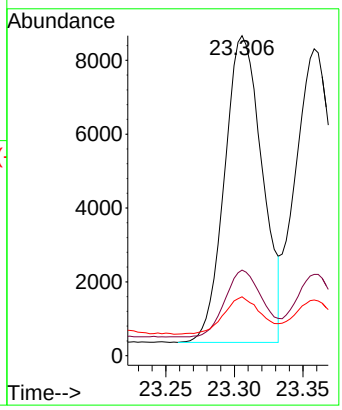


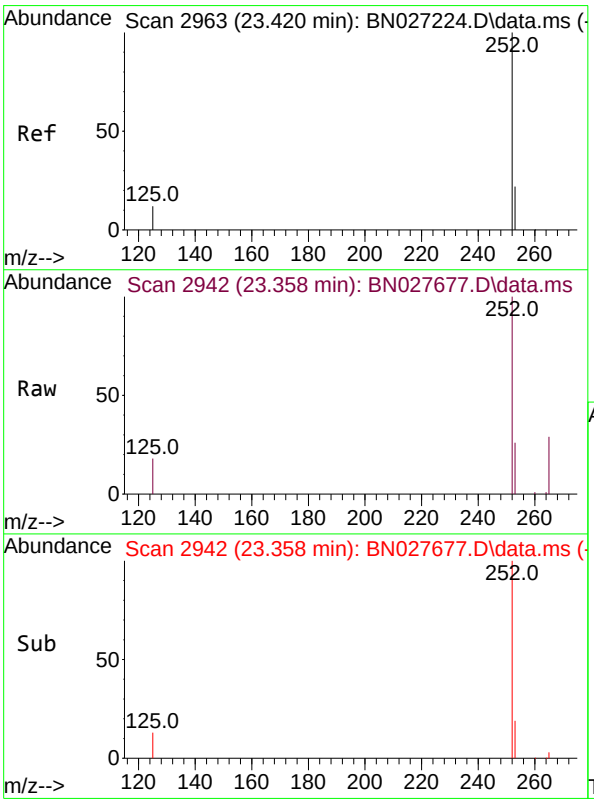
#37
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.306 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 15883

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.9	29.9
125	18.4	13.8	20.6

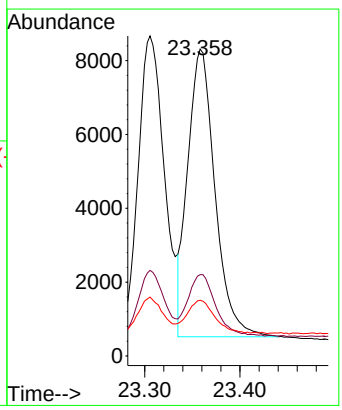


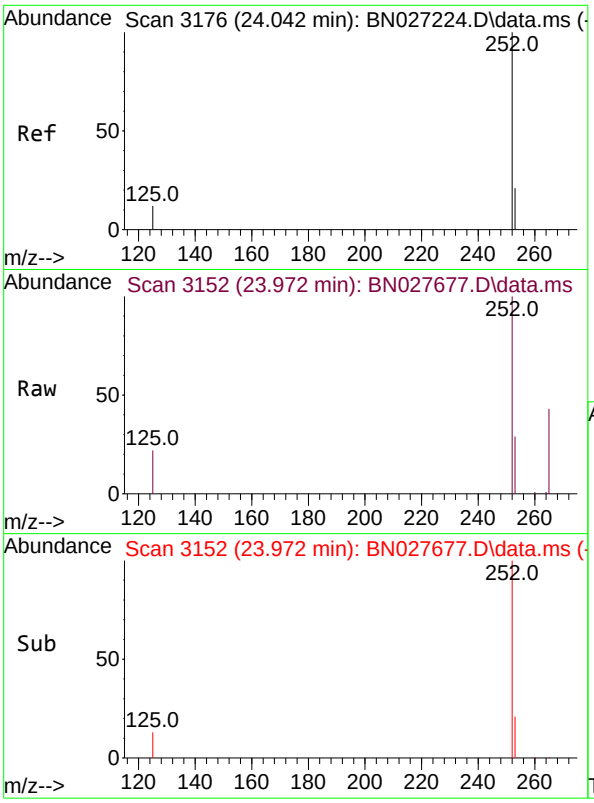


#38
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 23.358 min Scan# 2942
Delta R.T. -0.009 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:252 Resp: 15496

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.2	30.2
125	18.2	14.1	21.1



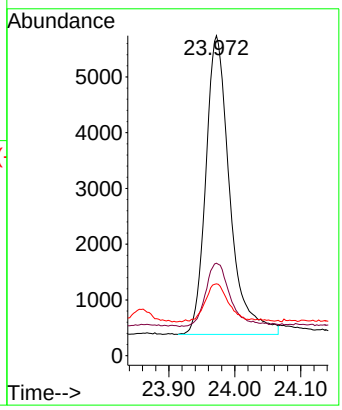


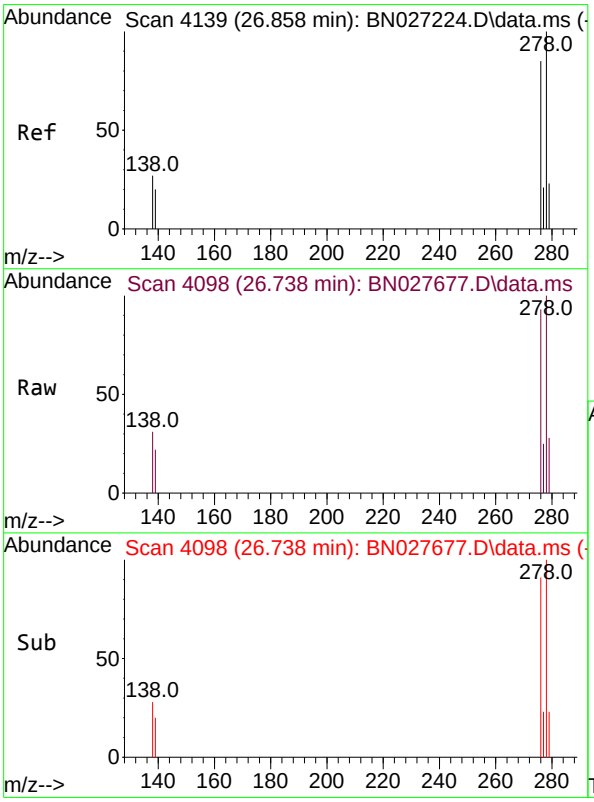
#39
Benzo(a)pyrene
Concen: 0.354 ng
RT: 23.972 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13542

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.4	32.0
125	22.4	16.5	24.7

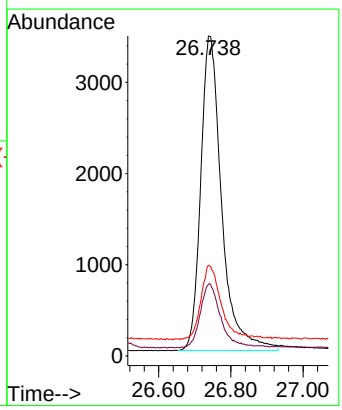


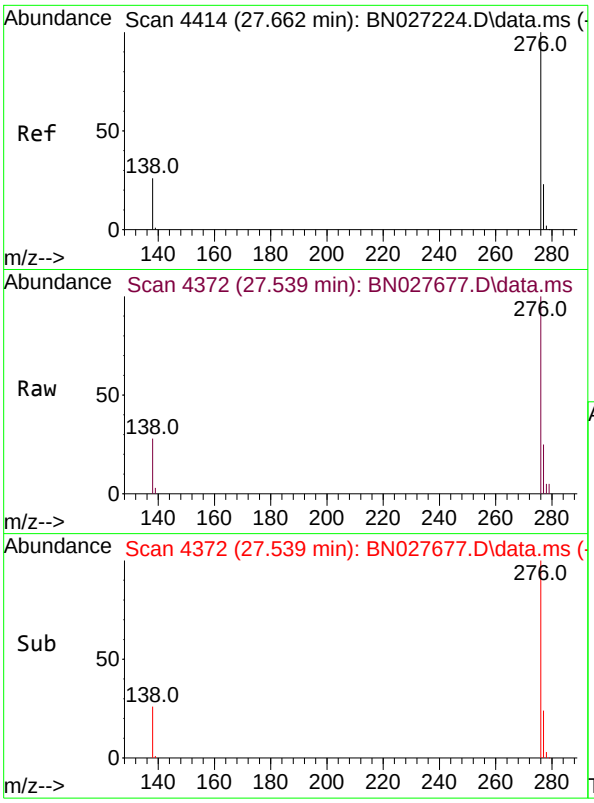


#40
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.738 min Scan# 4098
Delta R.T. -0.018 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Tgt Ion:278 Resp: 13900

Ion	Ratio	Lower	Upper
278	100		
139	22.3	17.9	26.9
279	28.3	21.8	32.6





#41
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.539 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN027677.D
Acq: 14 Sep 2023 13:16

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 15703

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.6	29.4
138	27.7	22.1	33.1