Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027676.D
Acq On : 14 Sep 2023 12:39
Operator : MA/JU
Sample : PB155357BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Quant Time: Sep 14 13:15:06 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	7030	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	18034	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7767	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	15082	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	10433	0.400	ng	0.00
35) Perylene-d12	24.083	264	9379	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6717	0.367	ng	0.00
5) Phenol-d6	7.178	99	7559	0.339	ng	0.00
8) Nitrobenzene-d5	9.219	82	5518	0.420	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8815	0.333	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	859	0.299	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12724	0.431	ng	-0.01
27) Fluoranthene-d10	19.430	212	13019	0.347	ng	0.00
31) Terphenyl-d14	20.015	244	8608	0.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3157	0.368	ng	# 86
3) n-Nitrosodimethylamine	3.812	42	3595	0.395	ng	# 89
6) bis(2-Chloroethyl)ether	7.459	93	7961	0.370	ng	98
9) Naphthalene	10.895	128	19019	0.387	ng	99
10) Hexachlorobutadiene	11.120	225	3583	0.391	ng	# 99
12) 2-Methylnaphthalene	12.494	142	11684	0.334	ng	100
16) Acenaphthylene	14.384	152	12971	0.367	ng	99
17) Acenaphthene	14.715	154	9471	0.402	ng	98
18) Fluorene	15.693	166	11638	0.370	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	79	0.368	ng	85
21) 4-Bromophenyl-phenylether	16.586	248	3291	0.414	ng	# 85
22) Hexachlorobenzene	16.673	284	3834	0.406	ng	98
23) Atrazine	16.859	200	2099	0.353	ng	97
24) Pentachlorophenol	17.033	266	992	0.273	ng	97
25) Phenanthrene	17.443	178	17487	0.394	ng	99
26) Anthracene	17.542	178	14095	0.374	ng	100
28) Fluoranthene	19.458	202	17804	0.341	ng	100
30) Pyrene	19.825	202	17833	0.430	ng	100
32) Benzo(a)anthracene	21.569	228	13828	0.387	ng	99
33) Chrysene	21.623	228	15936	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	6900	0.400	ng	94
36) Indeno(1,2,3-cd)pyrene	26.720	276	15290	0.402	ng	99
37) Benzo(b)fluoranthene	23.306	252	14534	0.400	ng	96
38) Benzo(k)fluoranthene	23.358	252	14367	0.385	ng	95
39) Benzo(a)pyrene	23.972	252	12414	0.366	ng	94
40) Dibenzo(a,h)anthracene	26.744	278	12367	0.414	ng	98
41) Benzo(g,h,i)perylene	27.542	276	14313	0.414	ng	99

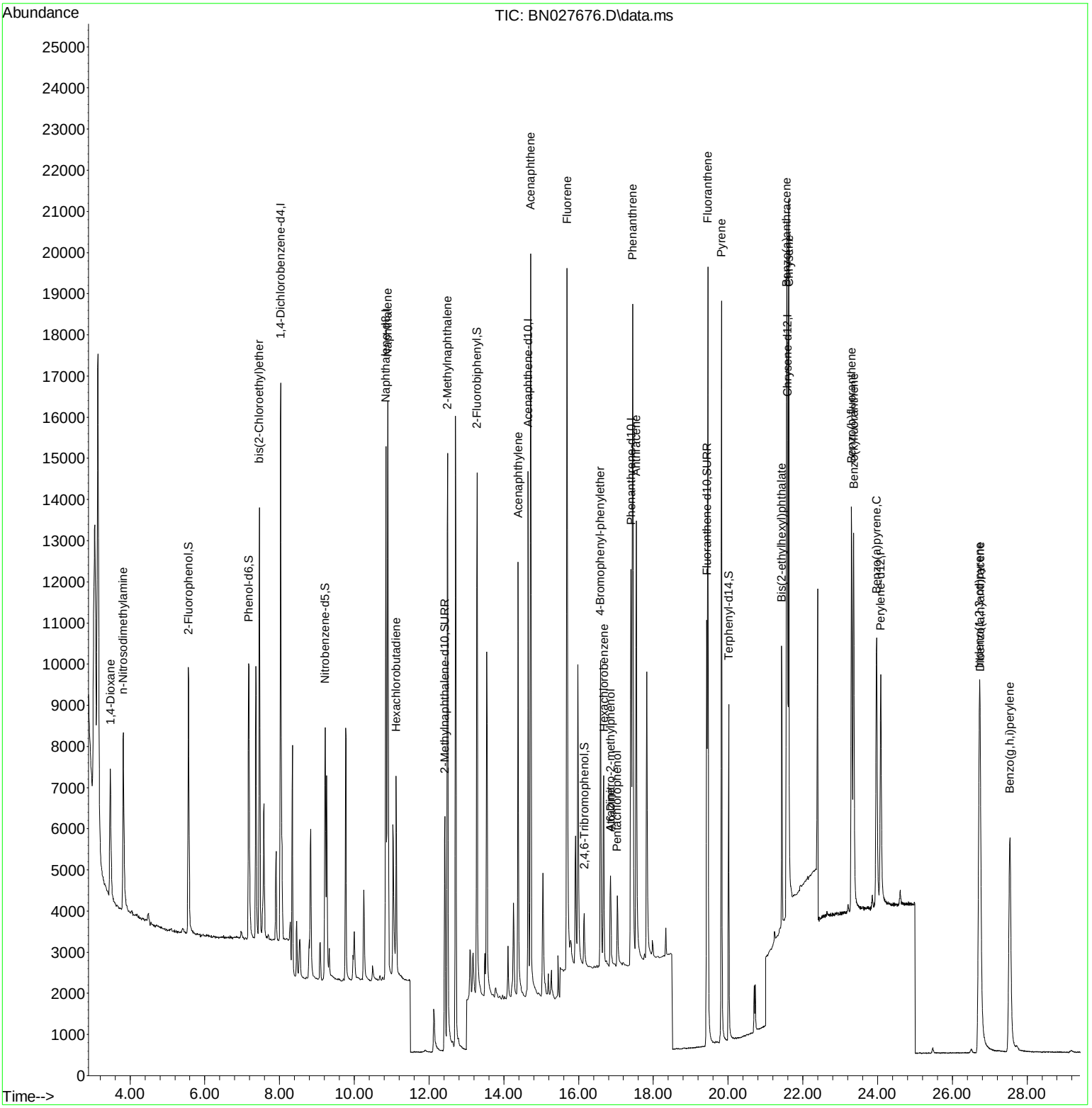
(#) = qualifier out of range (m) = manual integration (+) = signals summed

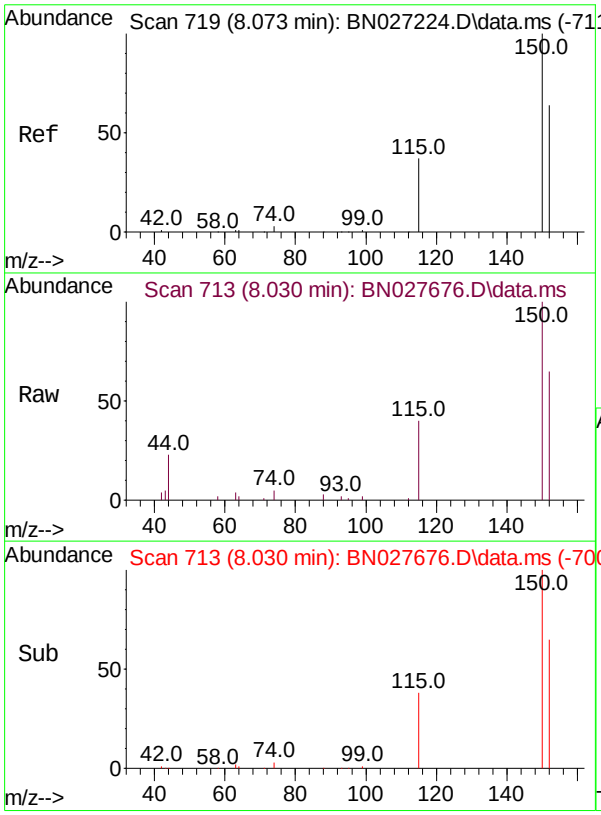
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027676.D
Acq On : 14 Sep 2023 12:39
Operator : MA/JU
Sample : PB155357BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Quant Time: Sep 14 13:15:06 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



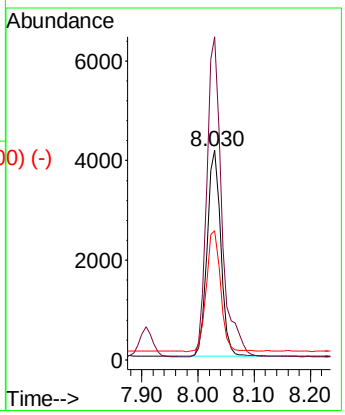


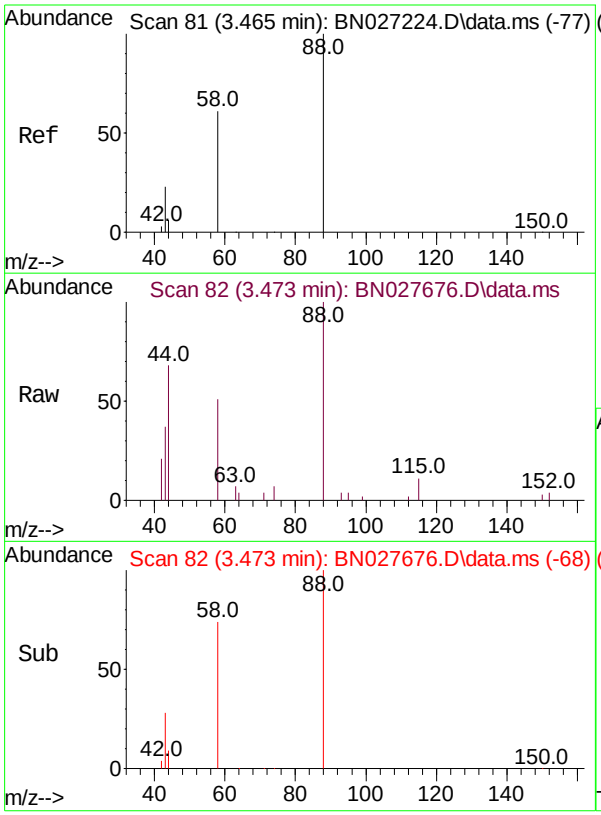
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 713
Delta R.T. -0.007 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:152 Resp: 7030

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	61.7	48.6	73.0

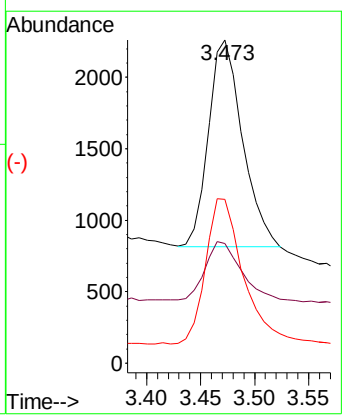


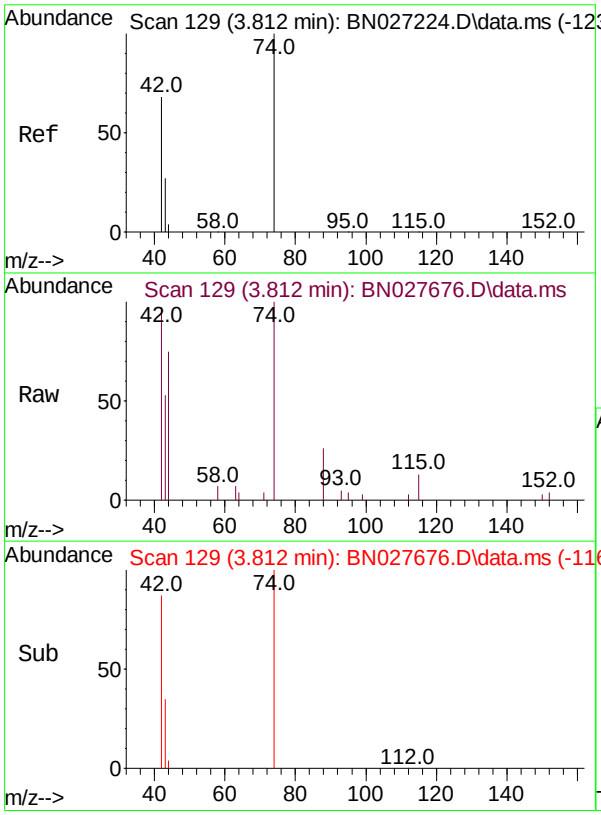


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.473 min Scan# 82
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion: 88 Resp: 3157

Ion	Ratio	Lower	Upper
88	100		
43	29.4	19.1	28.7#
58	77.0	52.2	78.2



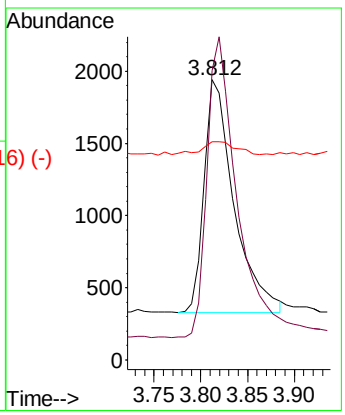


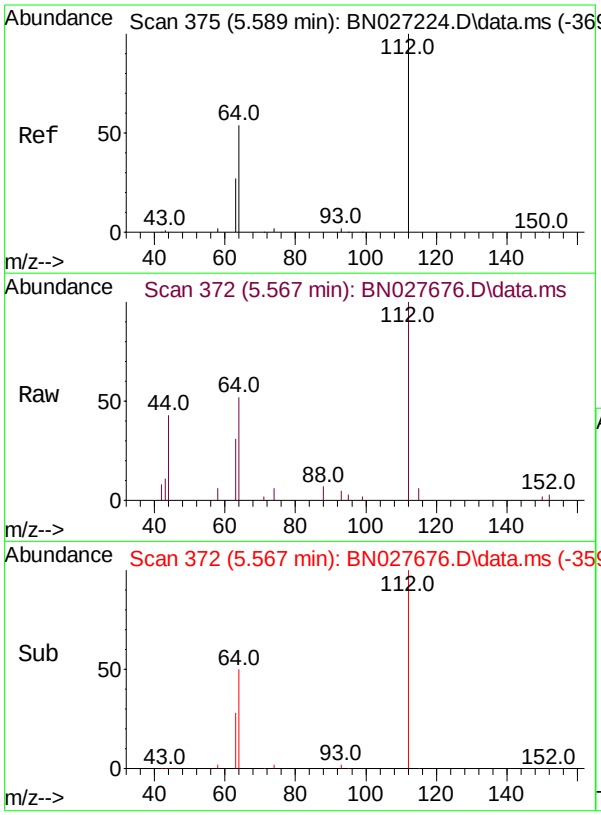
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.812 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion: 42 Resp: 3595

Ion	Ratio	Lower	Upper
42	100		
74	128.9	113.8	170.8
44	7.0	7.3	10.9#

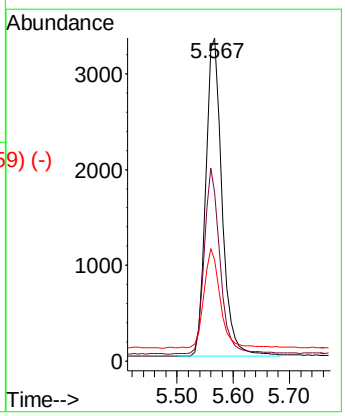


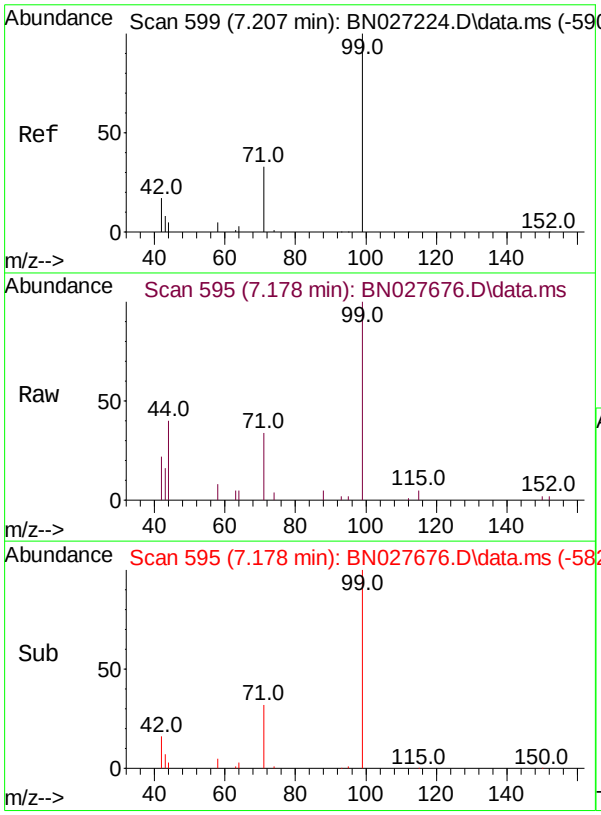


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.567 min Scan# 372
Delta R.T. -0.007 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:112 Resp: 6717

Ion	Ratio	Lower	Upper
112	100		
64	56.8	44.4	66.6
63	30.5	23.1	34.7



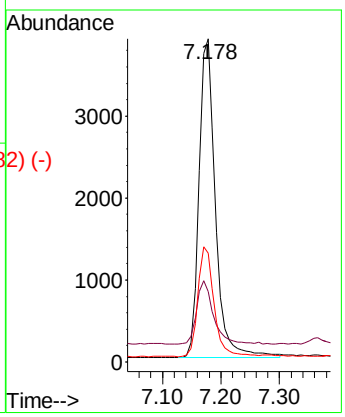


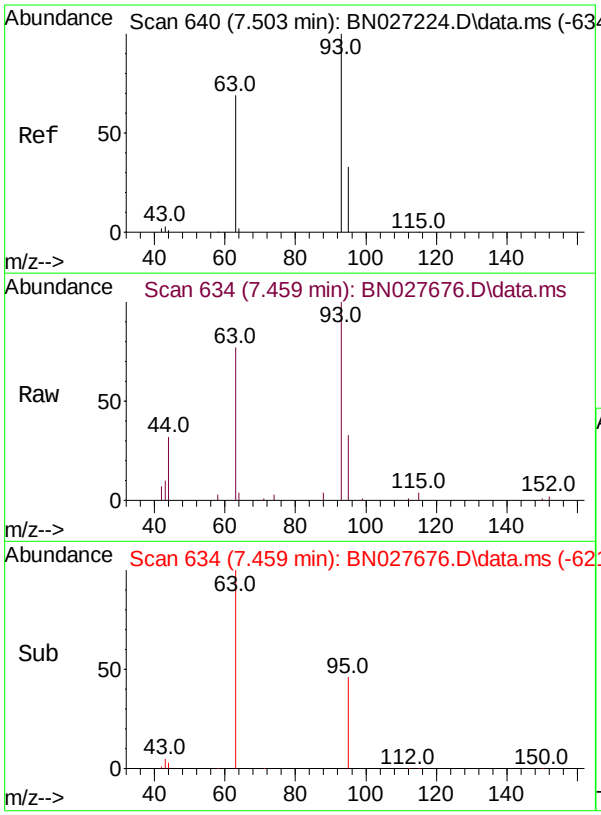
#5
Phenol-d6
Concen: 0.339 ng
RT: 7.178 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion: 99 Resp: 7559

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	34.0	25.8	38.6

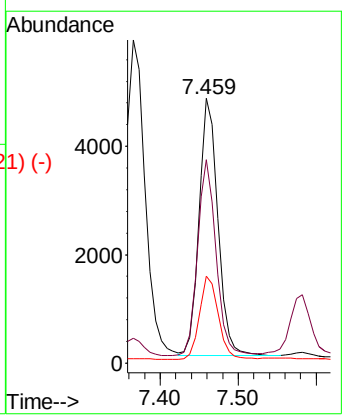


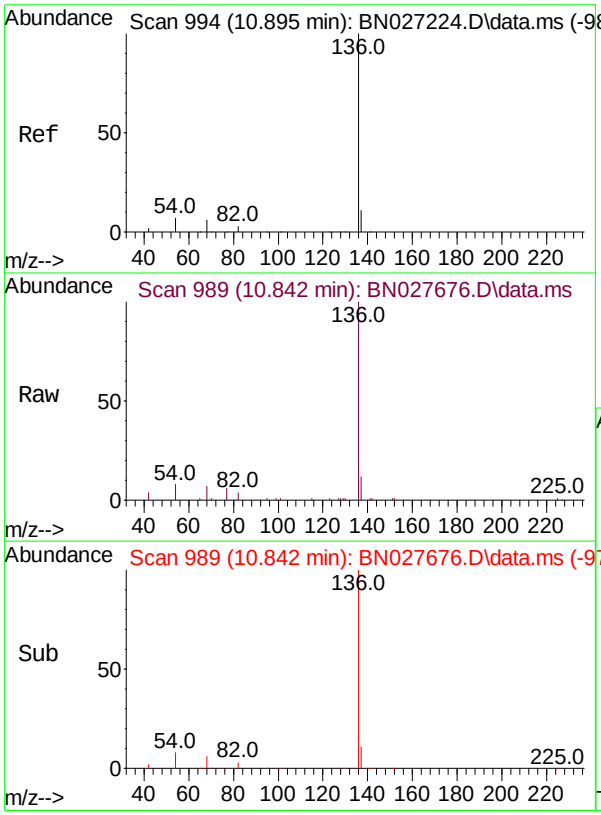


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 7.459 min Scan# 634
Delta R.T. -0.007 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion: 93 Resp: 7961

Ion	Ratio	Lower	Upper
93	100		
63	75.0	58.5	87.7
95	32.6	26.1	39.1



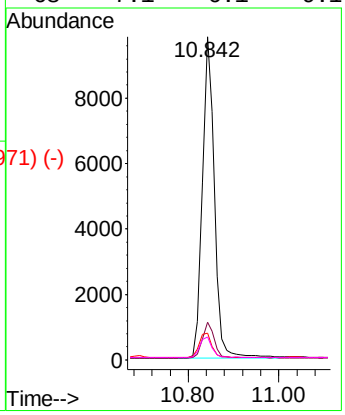


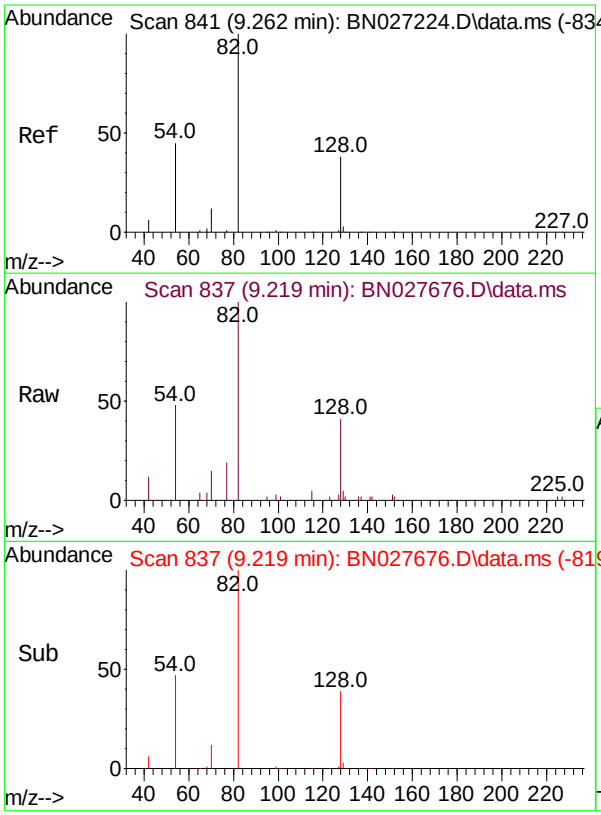
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:136 Resp: 18034

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.3	6.7	10.1
68	7.1	6.1	9.1

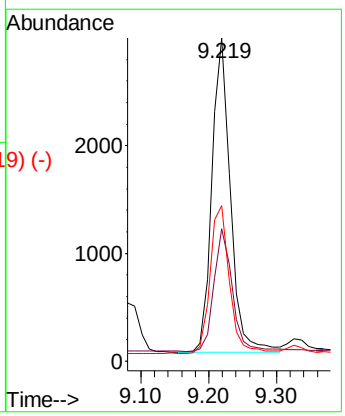


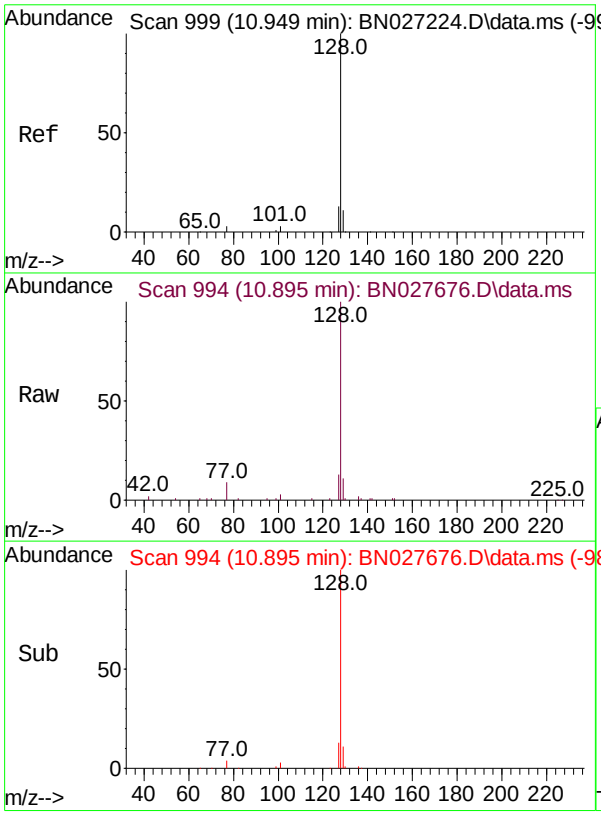


#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion: 82 Resp: 5518

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.4	50.0
54	48.1	37.7	56.5



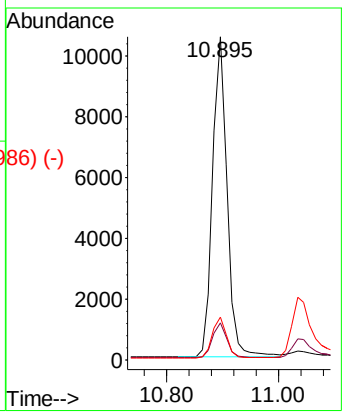


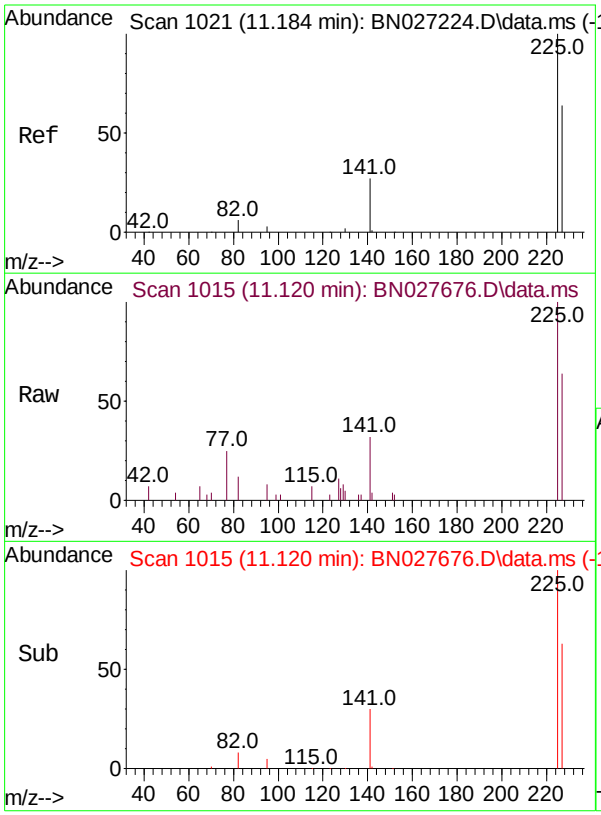
#9
Naphthalene
Concen: 0.387 ng
RT: 10.895 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:128 Resp: 19019

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.3	10.6	15.8

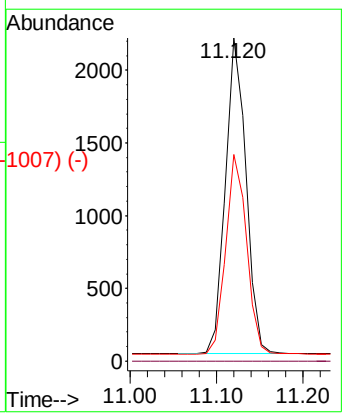


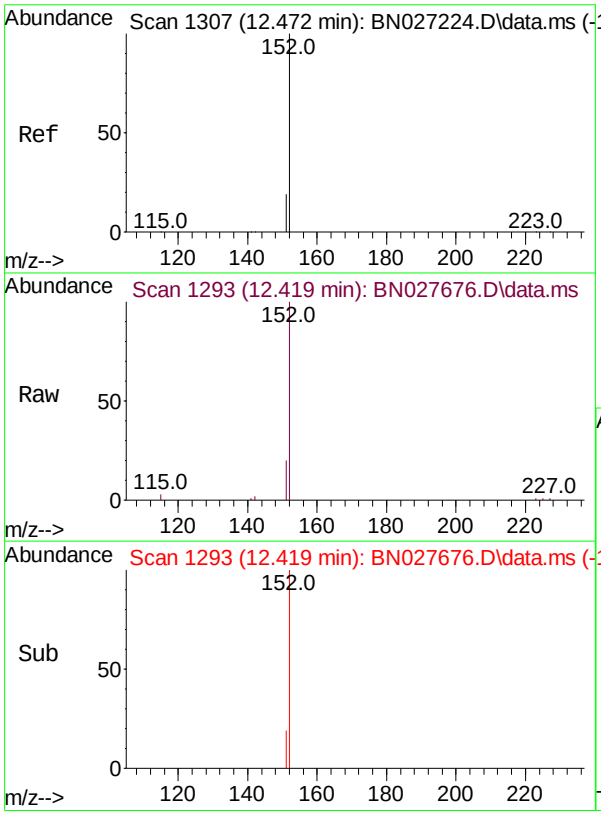


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 11.120 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:225 Resp: 3583

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.6	75.8



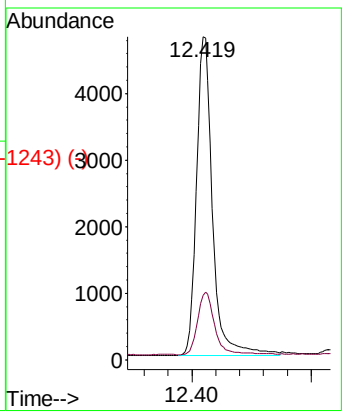


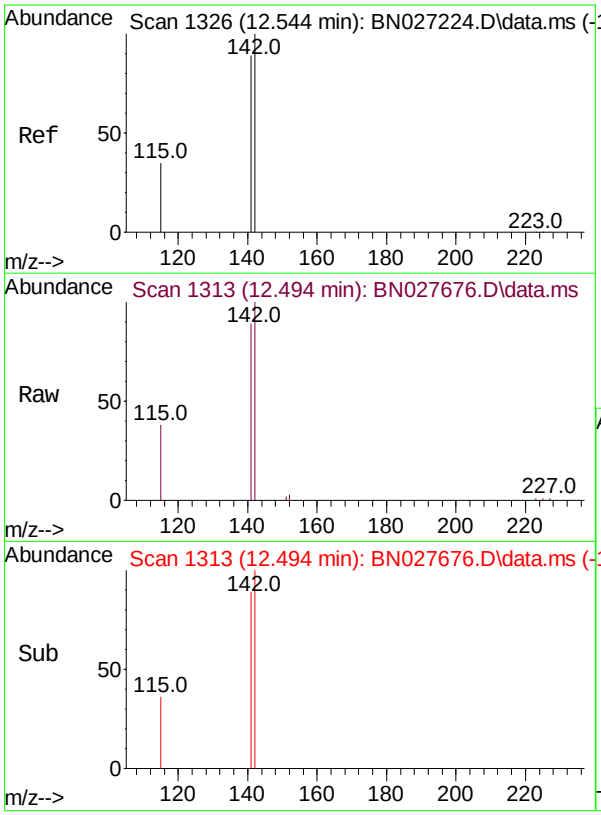
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:152 Resp: 8815

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0

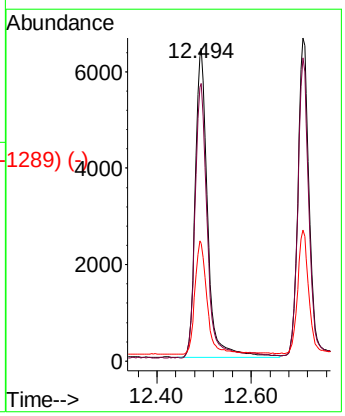


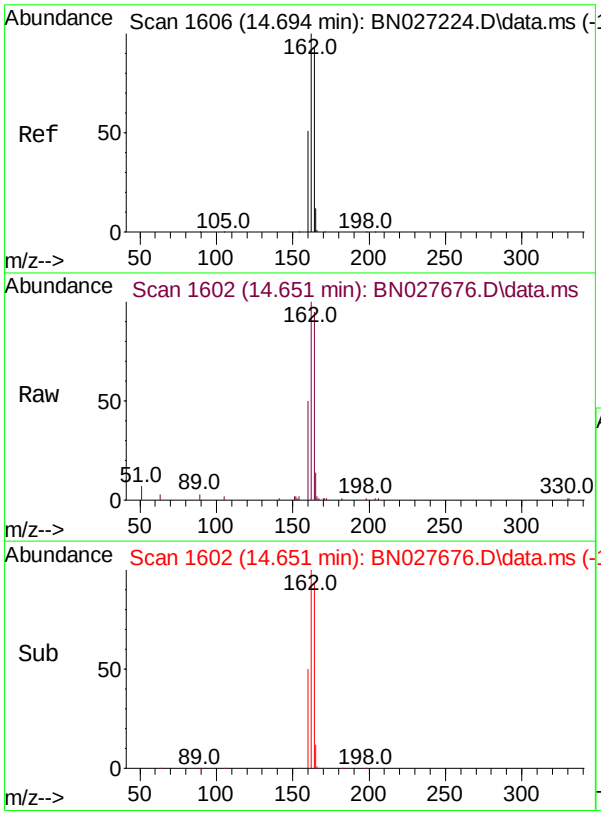


#12
2-Methylnaphthalene
Concen: 0.334 ng
RT: 12.494 min Scan# 1313
Delta R.T. -0.008 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:142 Resp: 11684

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7
115	37.5	29.6	44.4



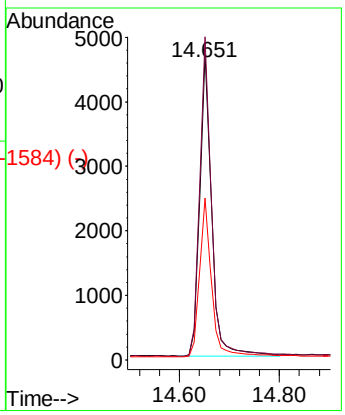


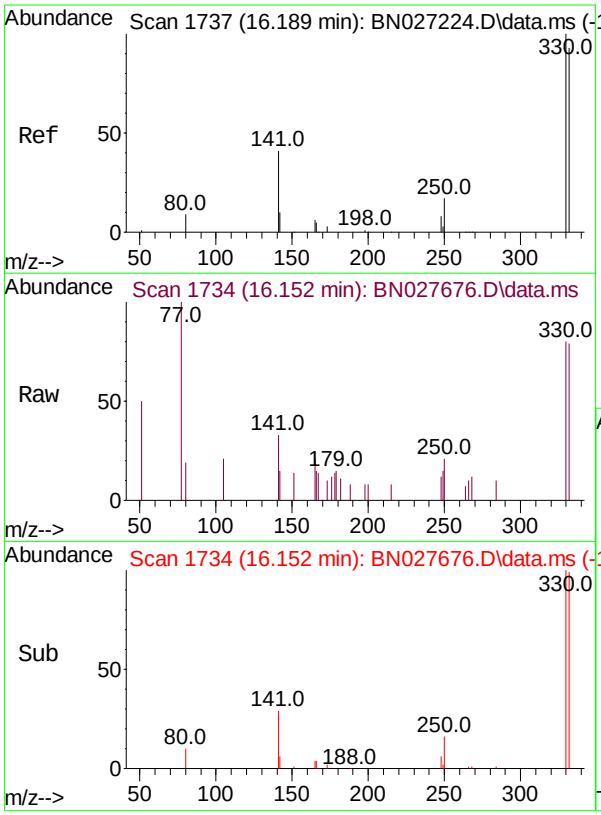
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:164 Resp: 7767

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.8	128.8
160	53.0	44.2	66.2

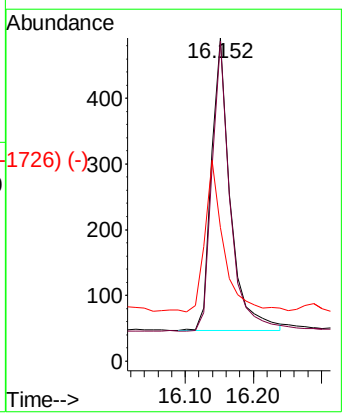


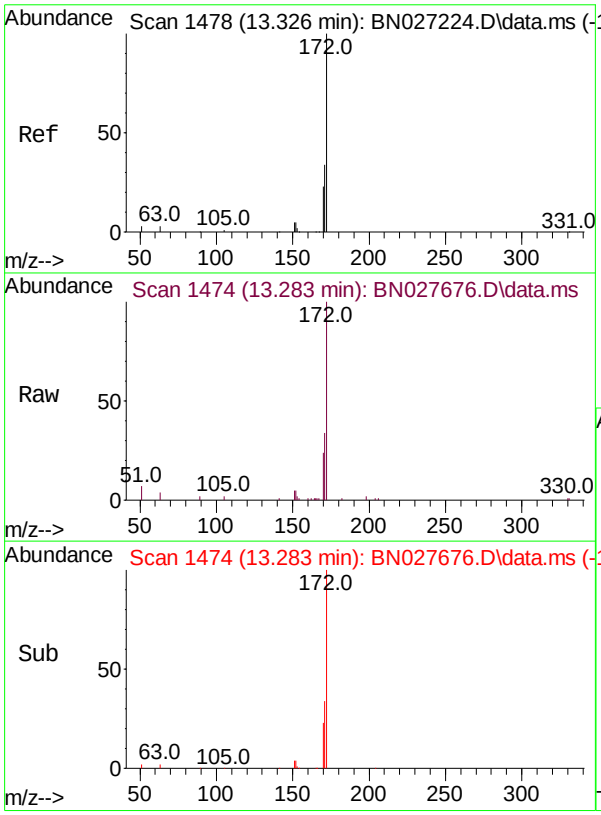


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 16.152 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:330 Resp: 859

Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.2	112.8
141	49.1	36.2	54.4



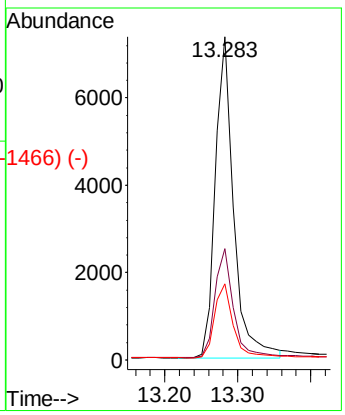


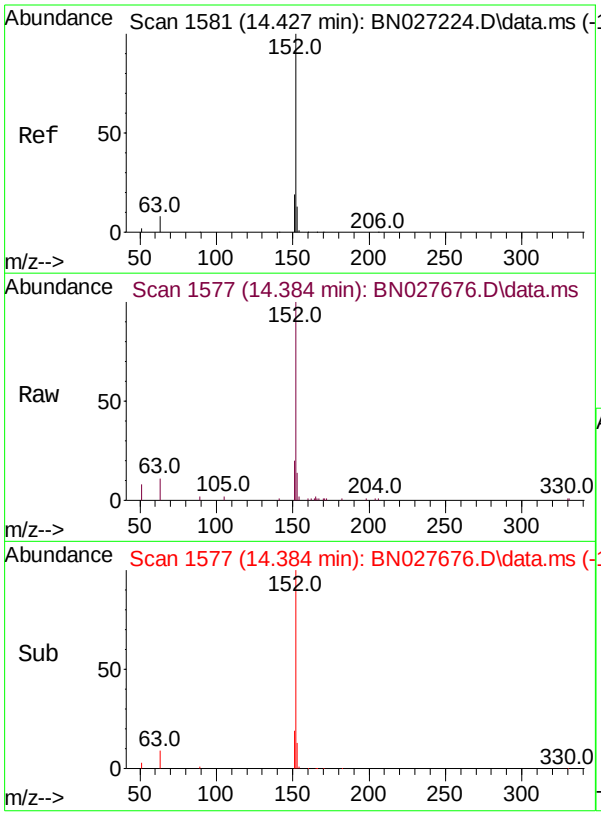
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 13.283 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:172 Resp: 12724

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.5	19.3	28.9

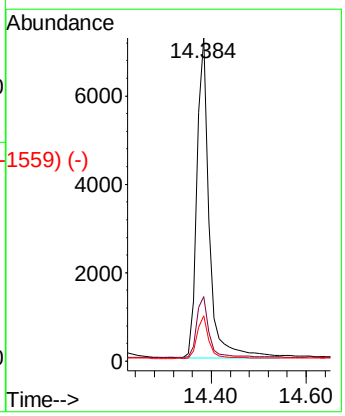


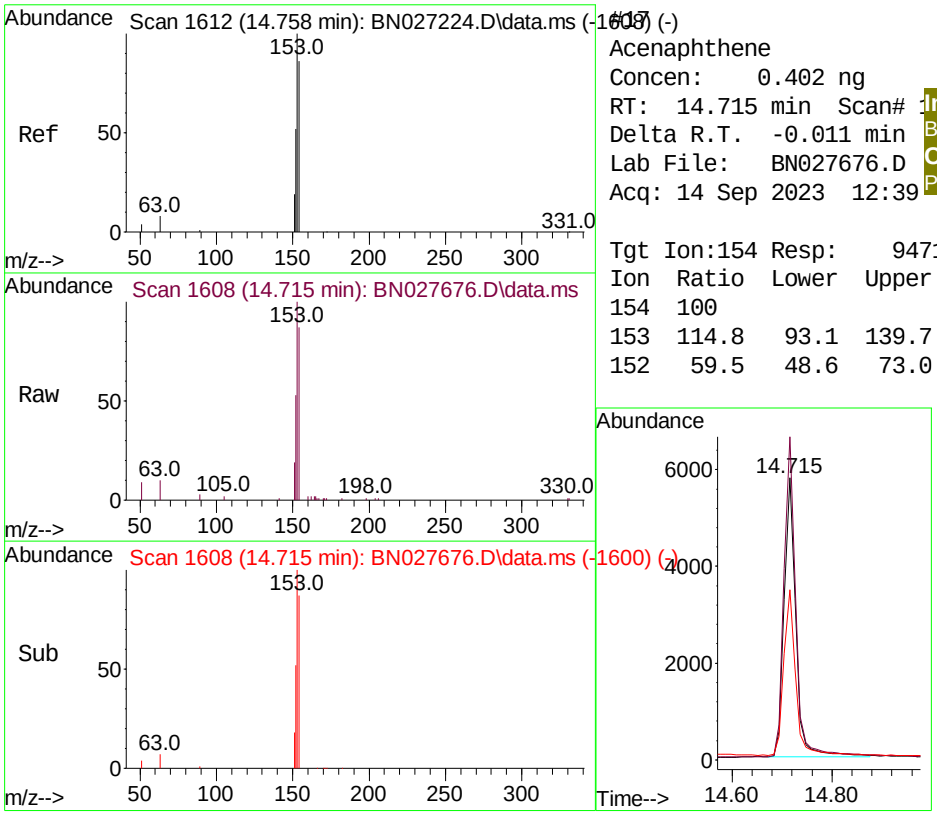


#16
Acenaphthylene
Concen: 0.367 ng
RT: 14.384 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:152 Resp: 12971

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.2	10.3	15.5



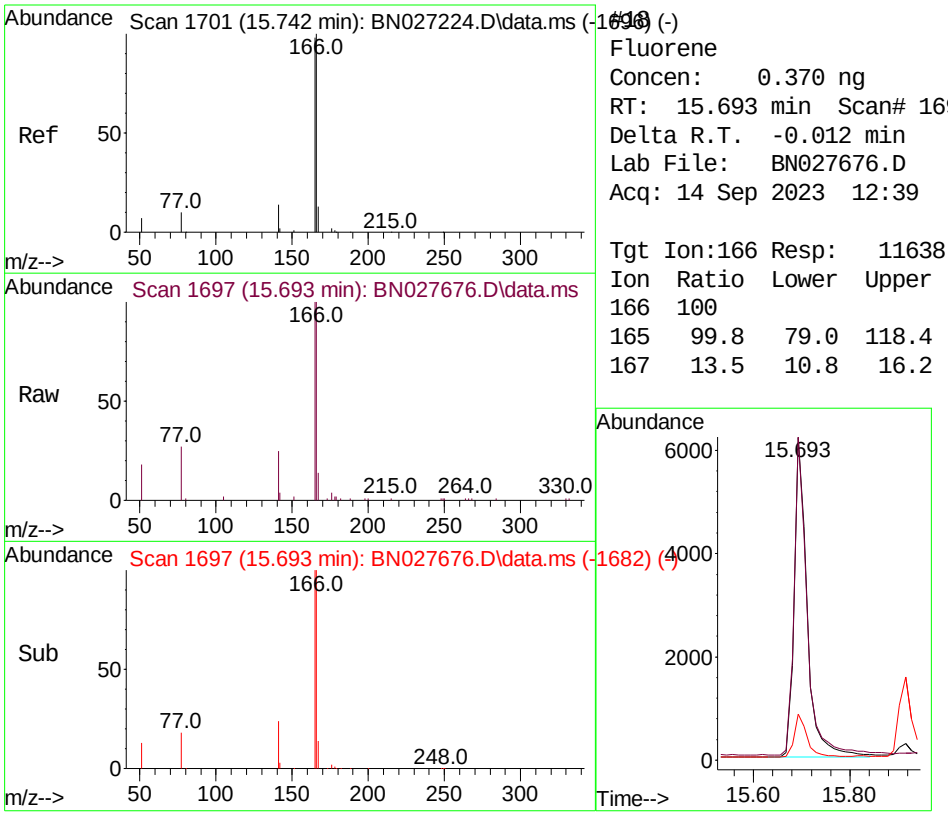


#17
Acenaphthene
Concen: 0.402 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:154 Resp: 9471

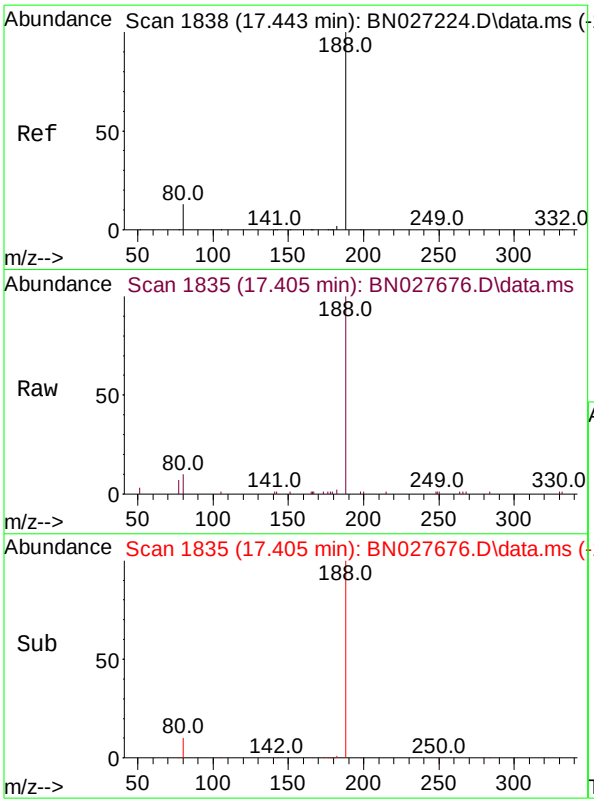
Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.1	139.7
152	59.5	48.6	73.0



#18
Fluorene
Concen: 0.370 ng
RT: 15.693 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:166 Resp: 11638

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	13.5	10.8	16.2

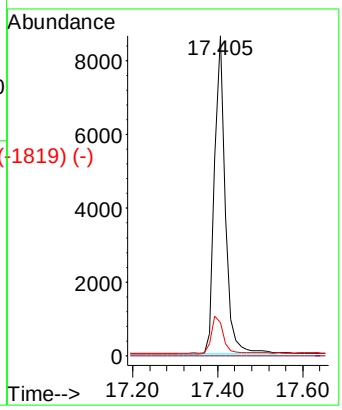


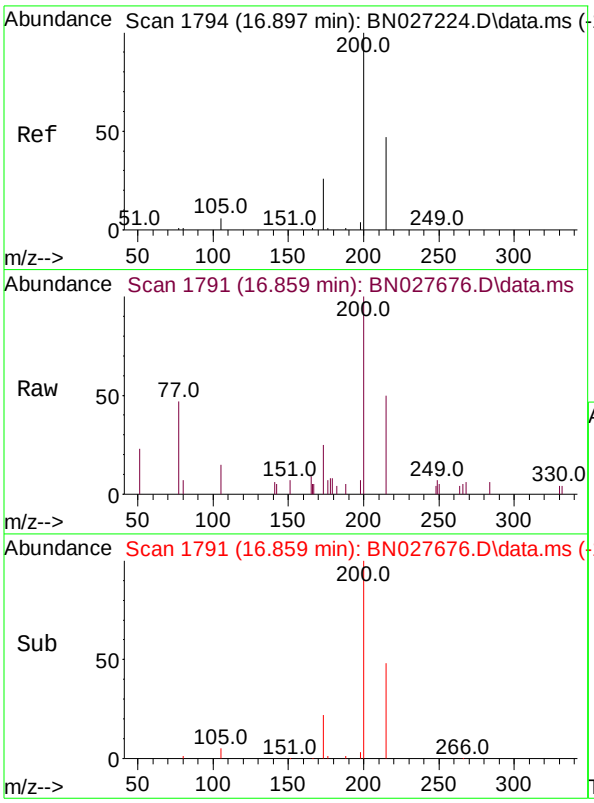
#810
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:188 Resp: 15082

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	11.0	16.6#

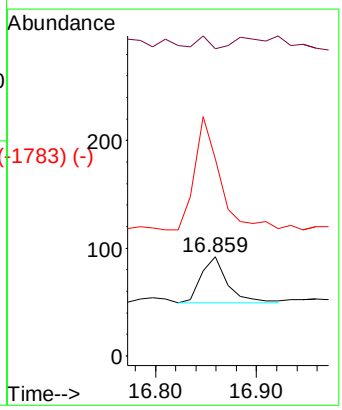


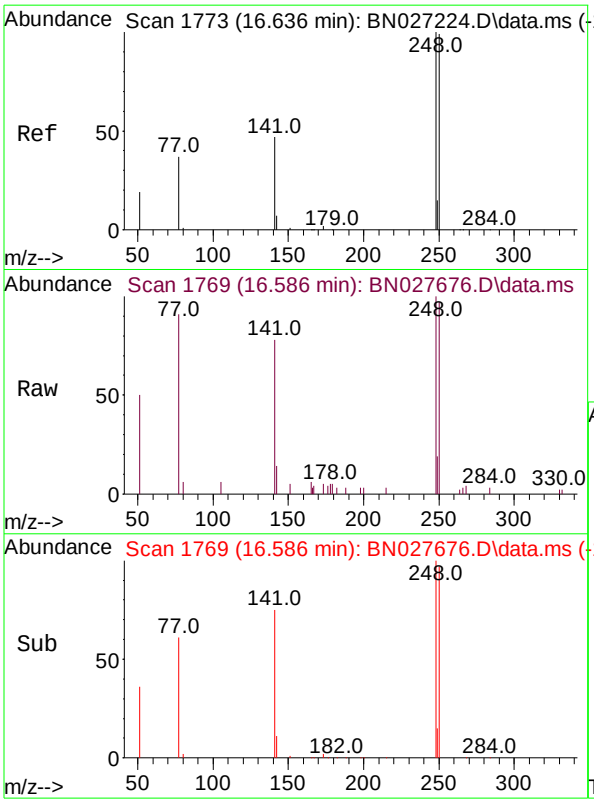


#791
4,6-Dinitro-2-methylphenol
Concen: 0.368 ng
RT: 16.859 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:198 Resp: 79

Ion	Ratio	Lower	Upper
198	100		
51	309.8	282.2	423.2
105	198.9	168.7	253.1



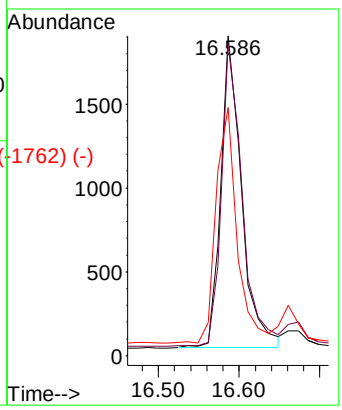


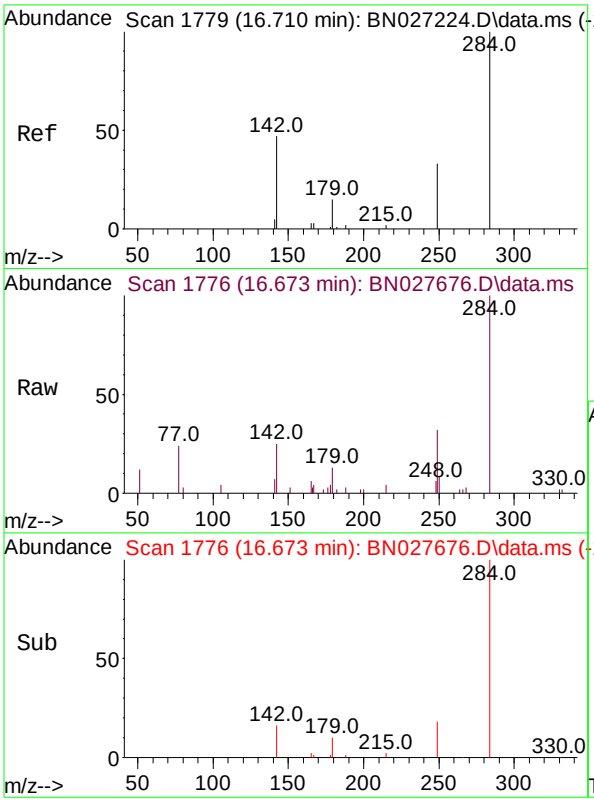
#21
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:248 Resp: 3291

Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.7	119.5
141	77.6	39.8	59.8#

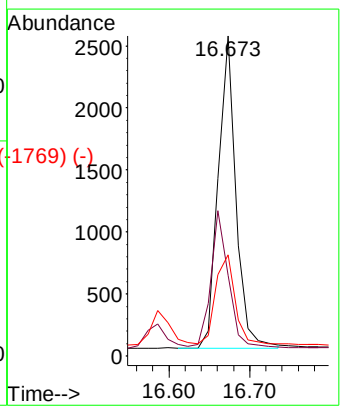


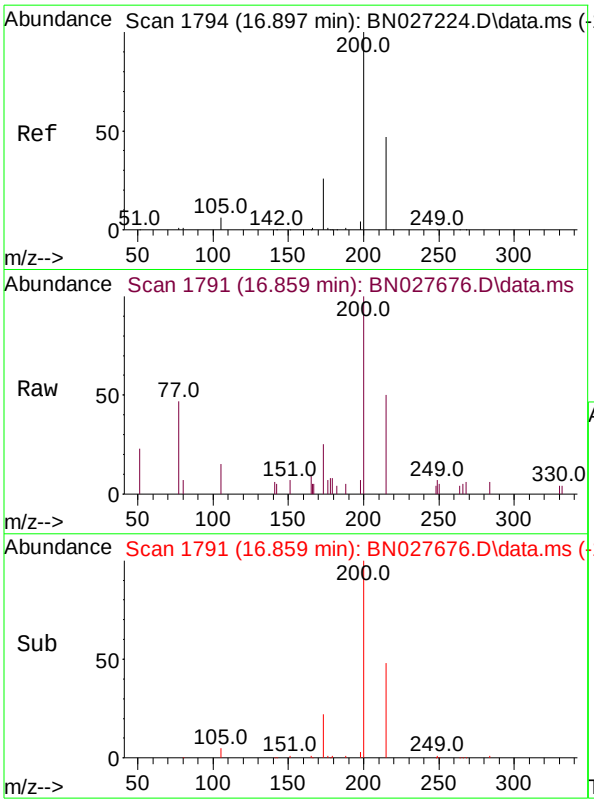


#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.673 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:284 Resp: 3834

Ion	Ratio	Lower	Upper
284	100		
142	42.5	32.9	49.3
249	30.9	24.3	36.5



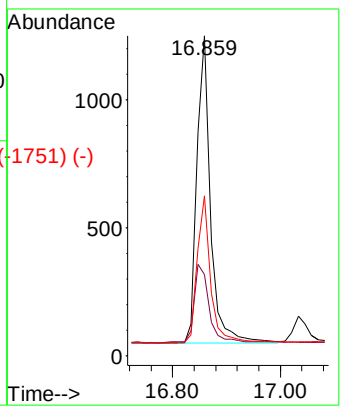


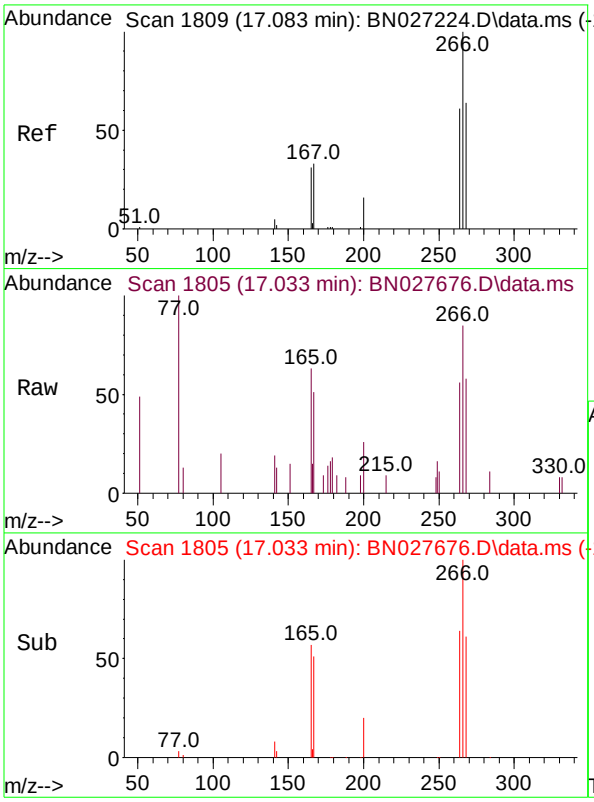
#23
Atrazine
Concen: 0.353 ng
RT: 16.859 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:200 Resp: 2099

Ion	Ratio	Lower	Upper
200	100		
173	25.3	22.5	33.7
215	49.9	39.0	58.6

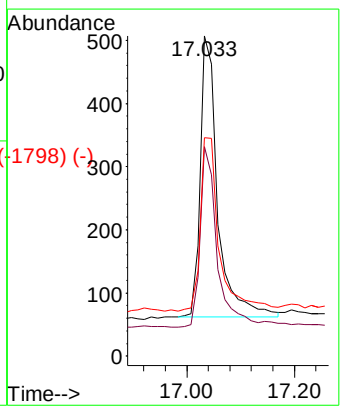


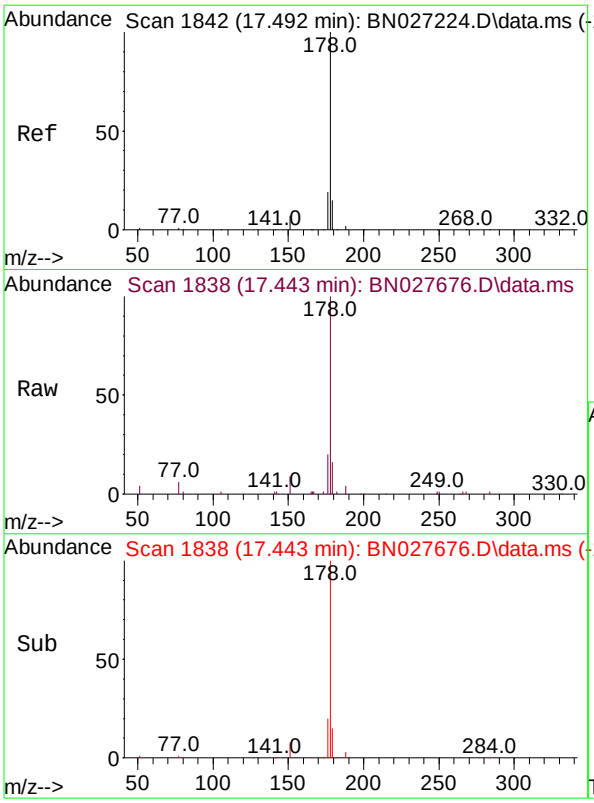


#24
Pentachlorophenol
Concen: 0.273 ng
RT: 17.033 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:266 Resp: 992

Ion	Ratio	Lower	Upper
266	100		
264	64.7	50.3	75.5
268	67.4	52.0	78.0



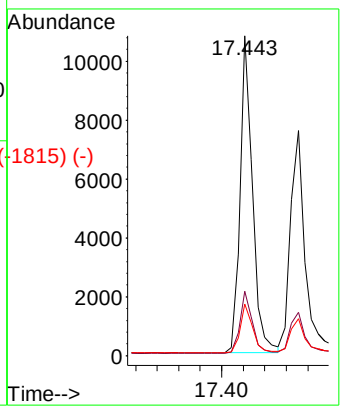


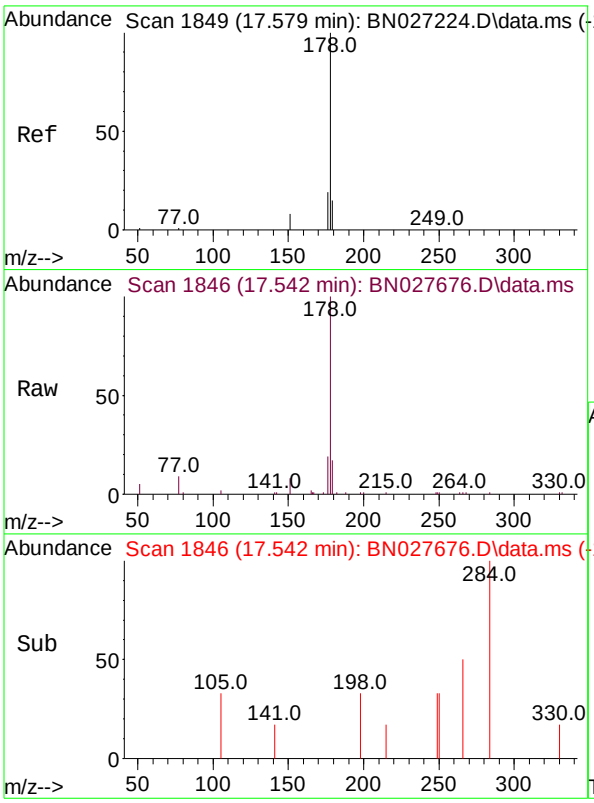
826
Phenanthrene
Concen: 0.394 ng
RT: 17.443 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:178 Resp: 17487

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.9	12.3	18.5

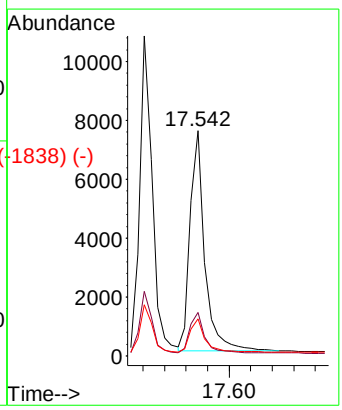


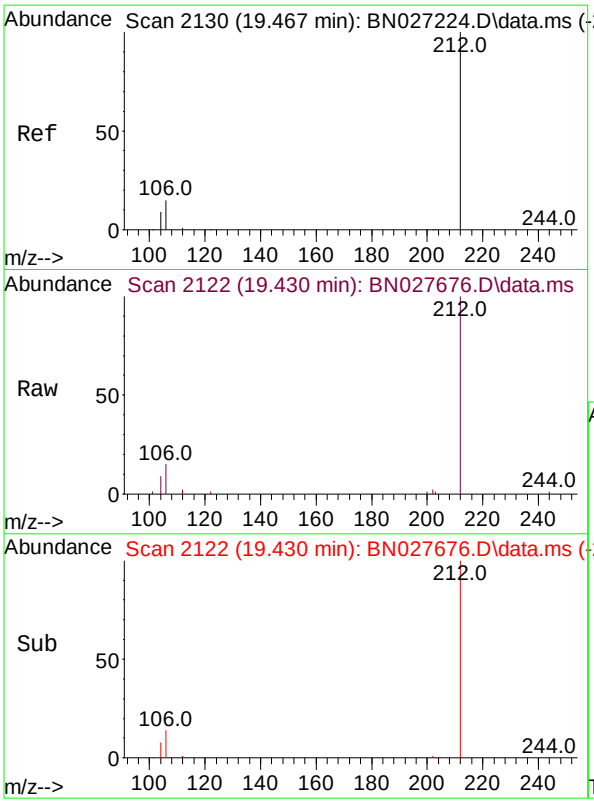


826
Anthracene
Concen: 0.374 ng
RT: 17.542 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:178 Resp: 14095

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.0	18.0



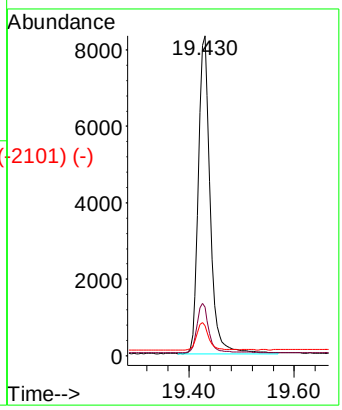


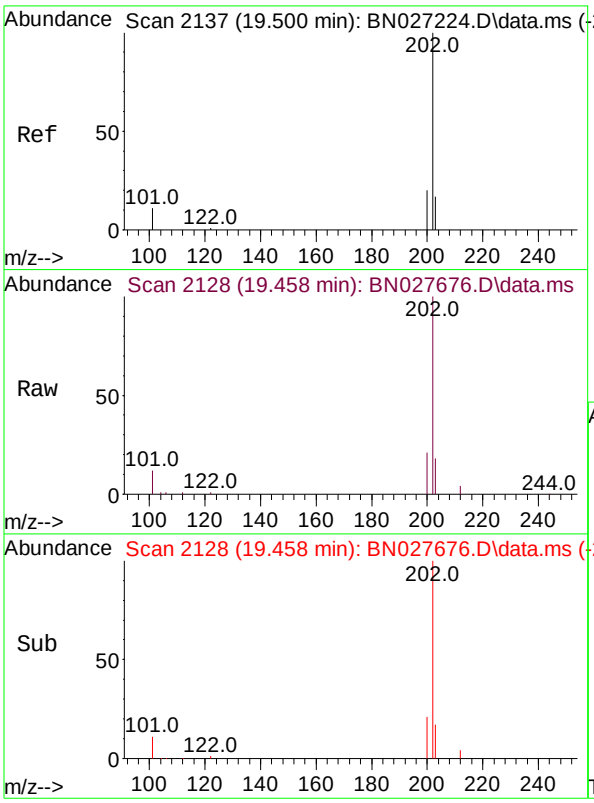
#127
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.430 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:212 Resp: 13019

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.1	18.1
104	8.8	6.9	10.3

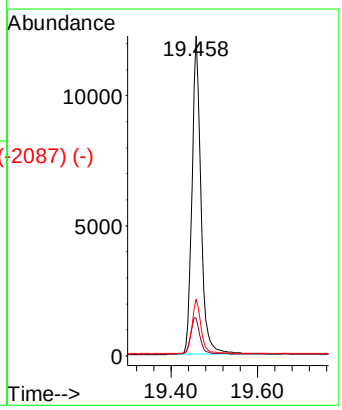


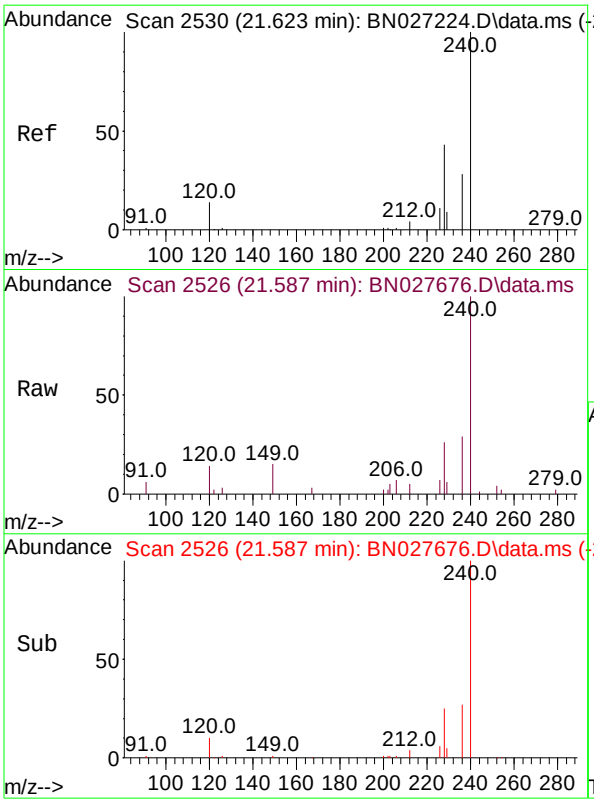


#128
Fluoranthene
Concen: 0.341 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:202 Resp: 17804

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.0	13.6	20.4



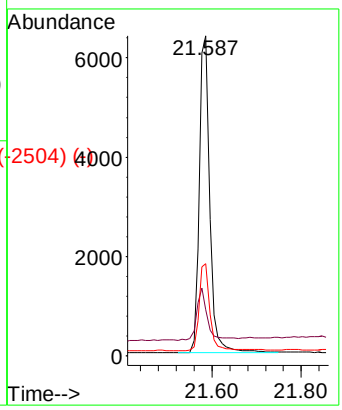


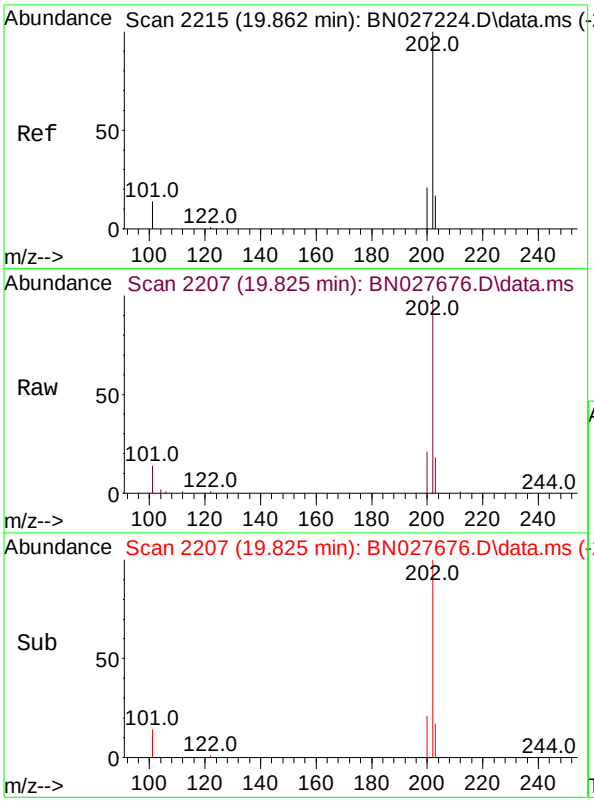
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:240 Resp: 10433

Ion	Ratio	Lower	Upper
240	100		
120	14.4	14.2	21.4
236	28.7	22.9	34.3

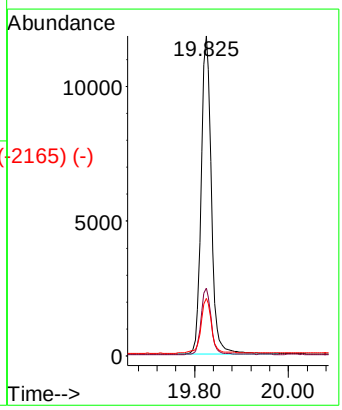


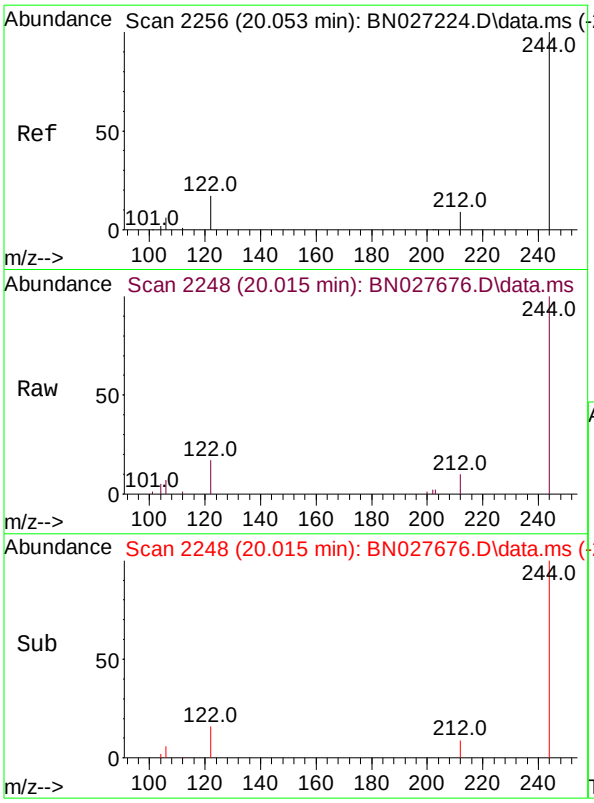


Pyrene
Concen: 0.430 ng
RT: 19.825 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:202 Resp: 17833

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.2	21.4



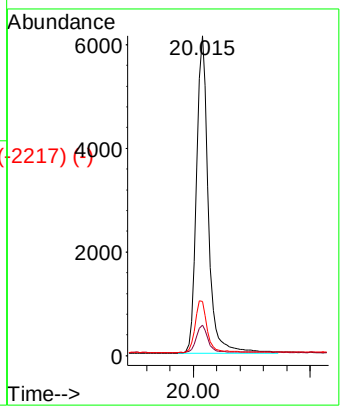


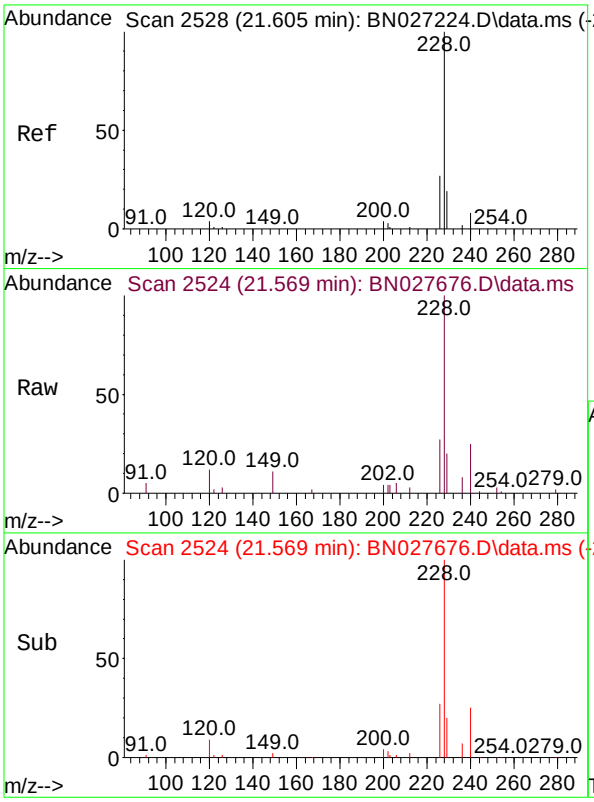
Terphenyl-d14
Concen: 0.411 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:244 Resp: 8608

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	16.9	14.0	21.0

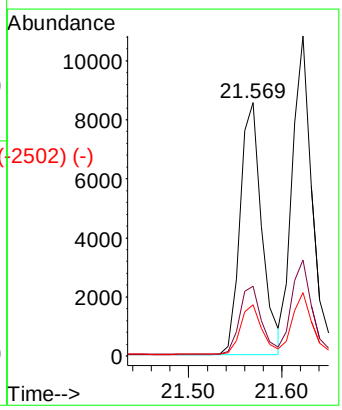


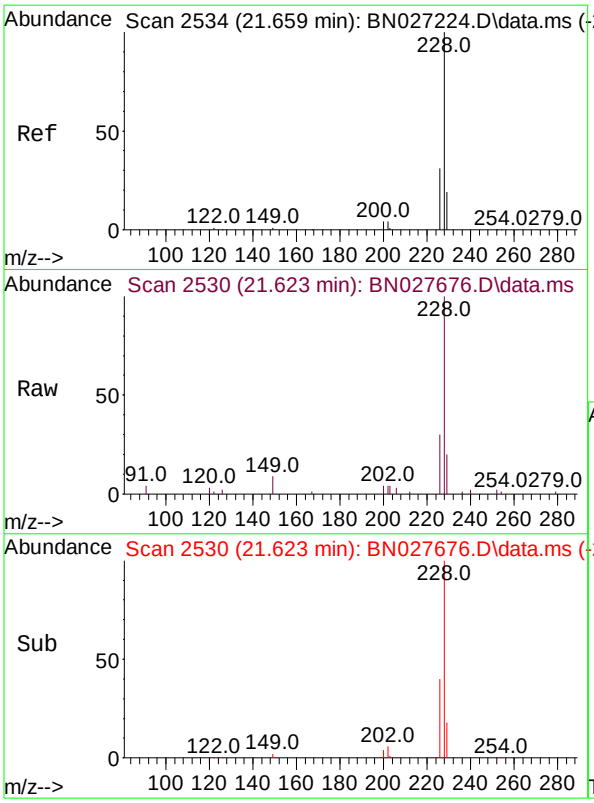


Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.569 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:228 Resp: 13828

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.3	15.7	23.5



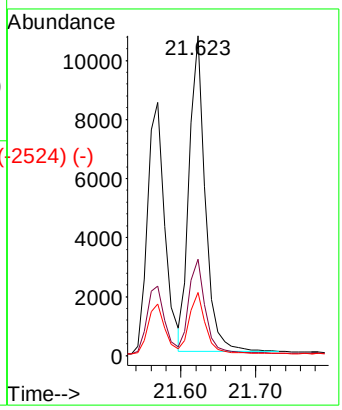


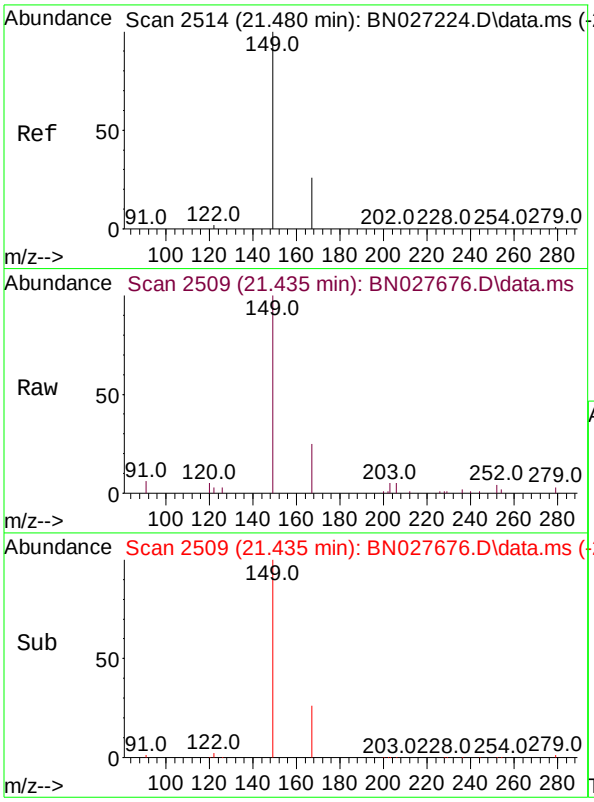
Chrysene
Concen: 0.405 ng
RT: 21.623 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:228 Resp: 15936

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	19.9	15.4	23.2

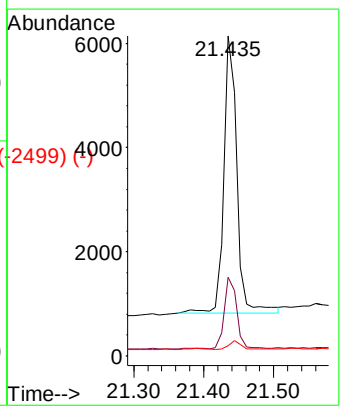


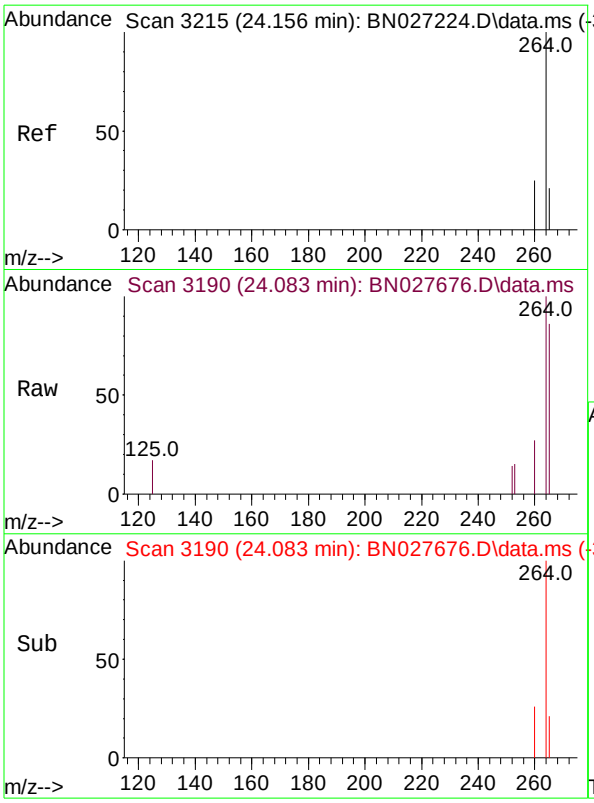


Bis(2-ethylhexyl)phthalate
Concen: 0.400 ng
RT: 21.435 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:149 Resp: 6900

Ion	Ratio	Lower	Upper
149	100		
167	24.3	22.1	33.1
279	2.7	2.7	4.1



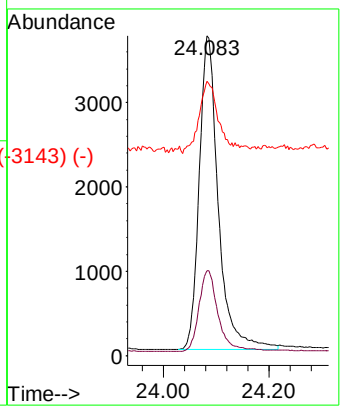


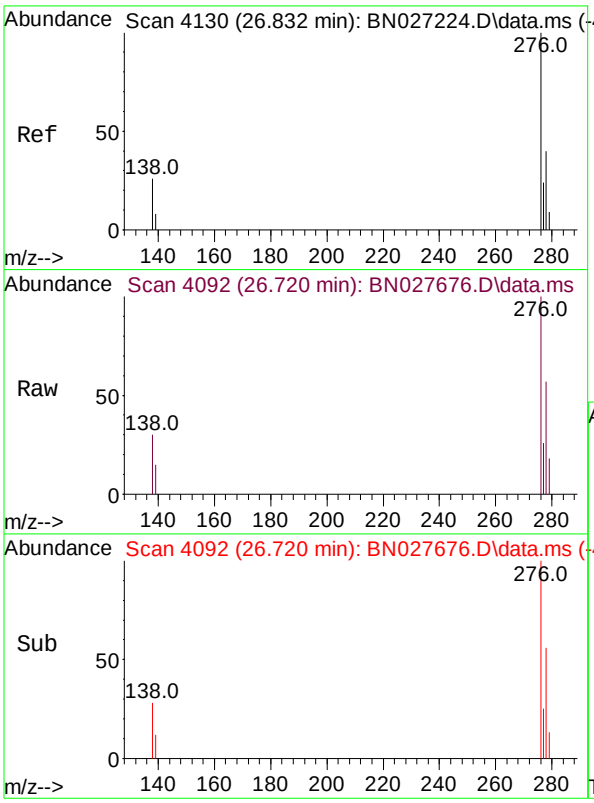
#195
Perylene-d12
Concen: 0.400 ng
RT: 24.083 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:264 Resp: 9379

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.7	31.1
265	85.7	53.3	79.9#

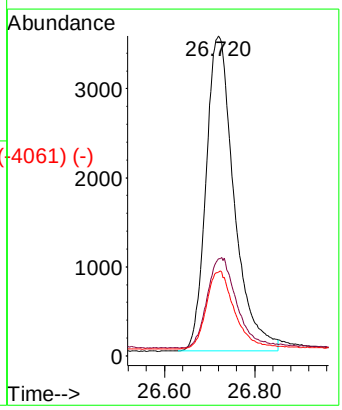


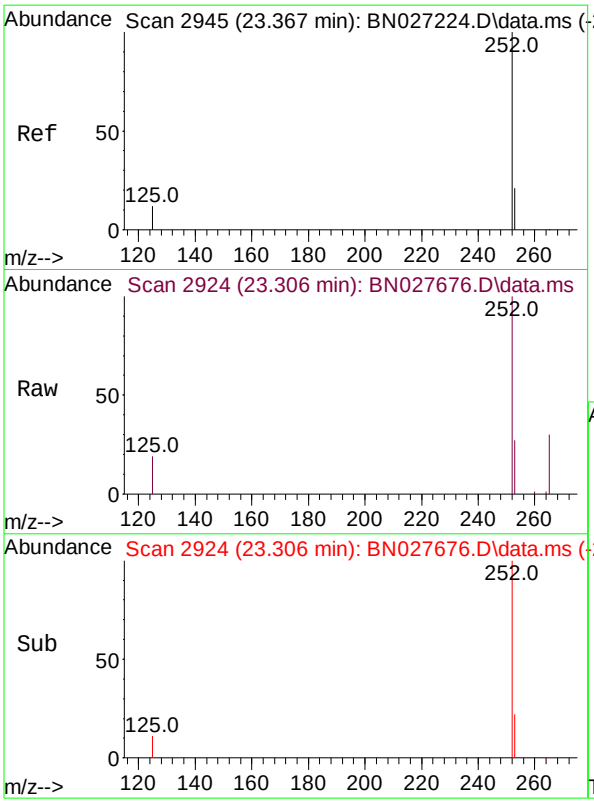


#198
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 26.720 min Scan# 4092
Delta R.T. -0.009 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:276 Resp: 15290

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.4	35.2
277	24.8	19.8	29.8



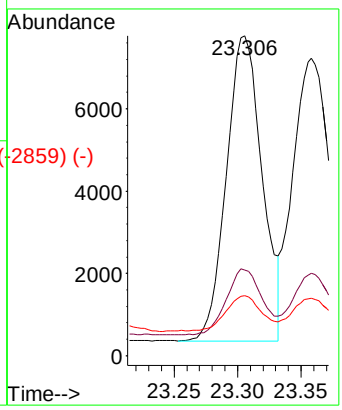


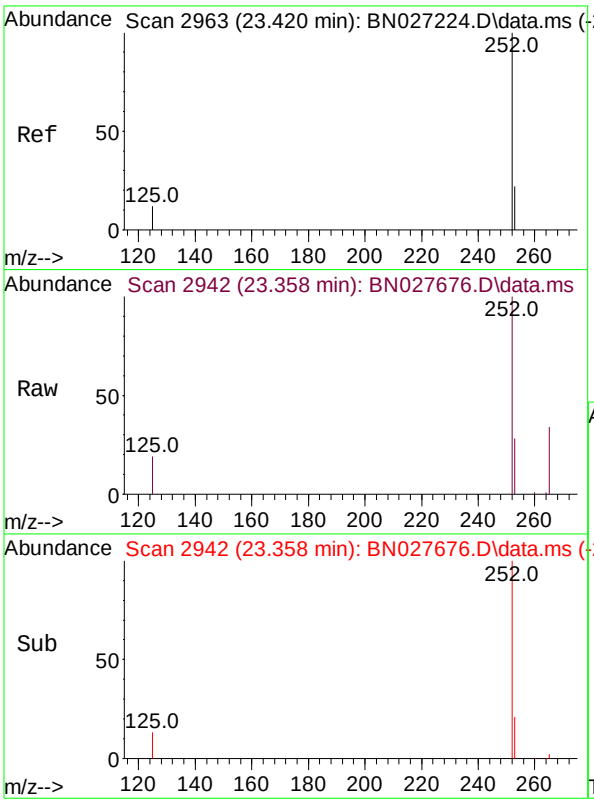
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.306 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:252 Resp: 14534

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.9	29.9
125	18.7	13.8	20.6

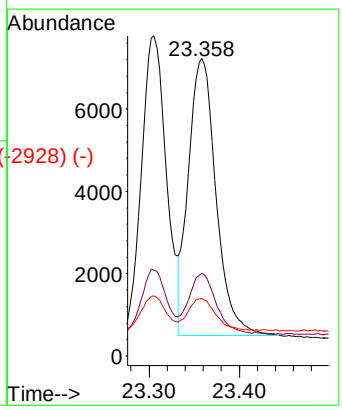


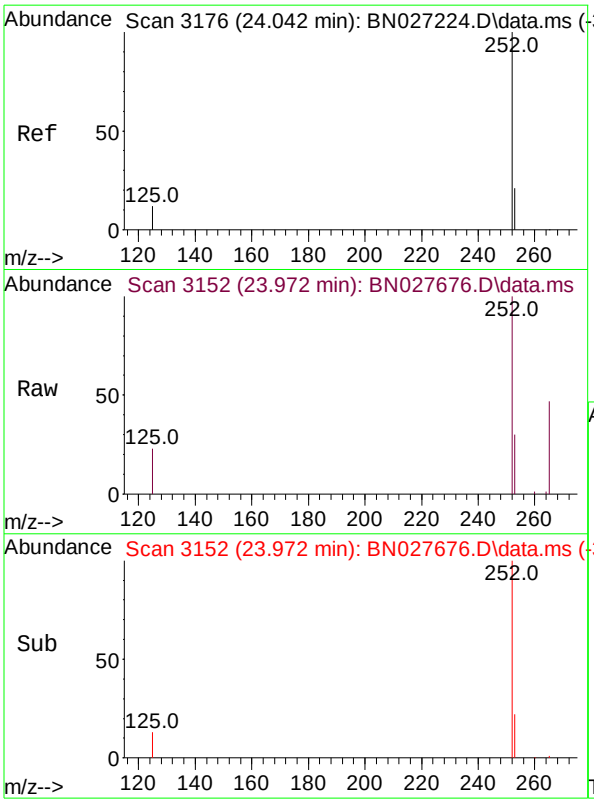


Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.358 min Scan# 2942
Delta R.T. -0.009 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:252 Resp: 14367

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.2	30.2
125	19.4	14.1	21.1



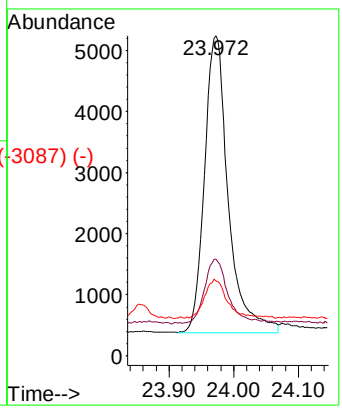


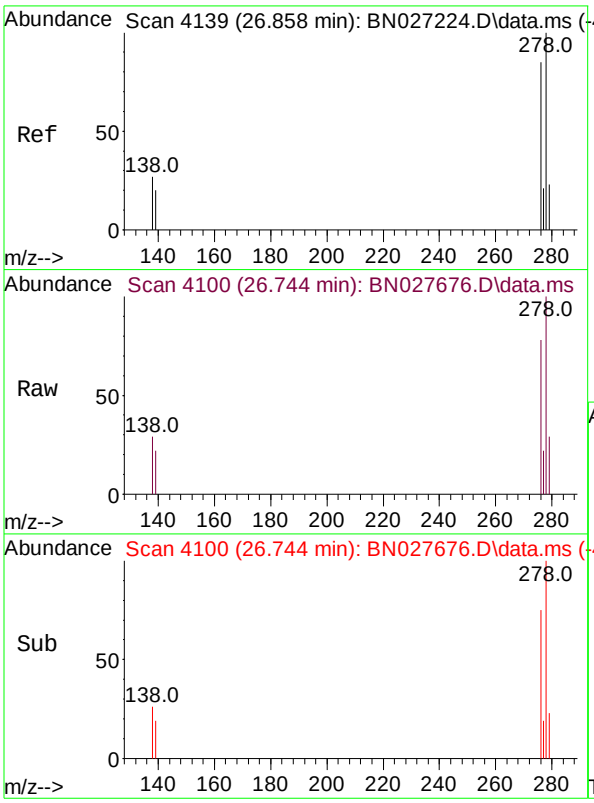
#139
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.972 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:252 Resp: 12414

Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.4	32.0
125	23.3	16.5	24.7

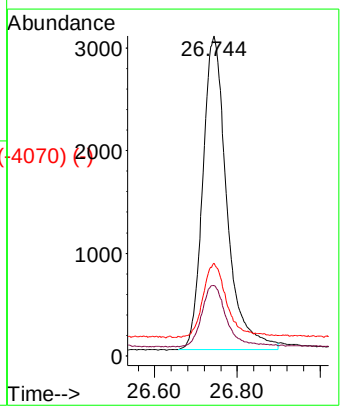


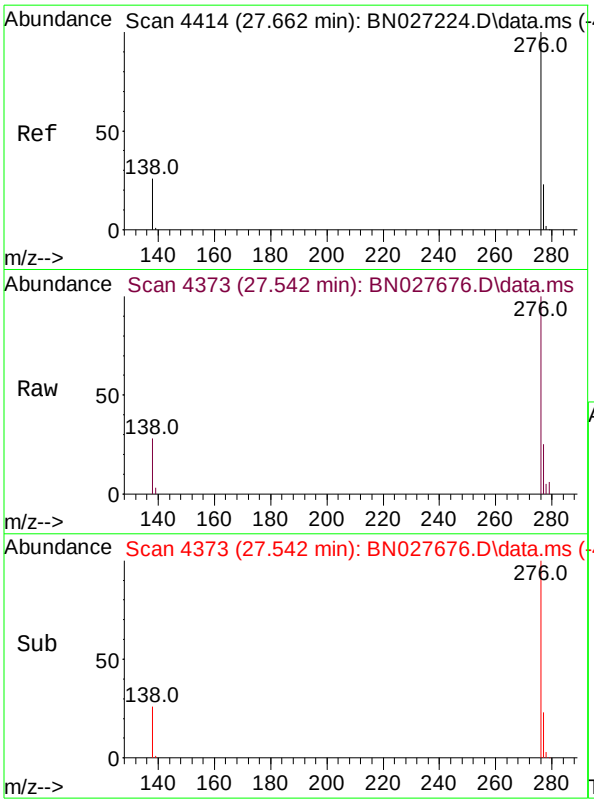


#140
Dibenzo(a,h)anthracene
Concen: 0.414 ng
RT: 26.744 min Scan# 4100
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Tgt Ion:278 Resp: 12367

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.9	26.9
279	29.1	21.8	32.6





Benzo(g,h,i)perylene
Concen: 0.414 ng
RT: 27.542 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN027676.D
Acq: 14 Sep 2023 12:39

Instrument :
BNA_N
ClientSampleId :
PB155357BS

Tgt Ion:276 Resp: 14313

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.6	29.4
138	27.9	22.1	33.1