Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027686.D
Acq On : 14 Sep 2023 18:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 14 19:32:31 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	6291	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	16683	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7494	0.400	ng	-0.01
19) Phenanthrene-d10	17.405	188	14789	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	10062	0.400	ng	0.00
35) Perylene-d12	24.083	264	8967	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	7094	0.433	ng	-0.01
5) Phenol-d6	7.178	99	7988	0.401	ng	0.00
8) Nitrobenzene-d5	9.219	82	5422	0.446	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	8559	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	854	0.308	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12134	0.426	ng	-0.01
27) Fluoranthene-d10	19.425	212	12516	0.340	ng	0.00
31) Terphenyl-d14	20.015	244	8411	0.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3122	0.407	ng	# 86
3) n-Nitrosodimethylamine	3.812	42	3492	0.429	ng	92
6) bis(2-Chloroethyl)ether	7.459	93	7736	0.401	ng	98
9) Naphthalene	10.895	128	18428	0.405	ng	100
10) Hexachlorobutadiene	11.120	225	3470	0.409	ng	# 100
12) 2-Methylnaphthalene	12.494	142	11183	0.346	ng	99
16) Acenaphthylene	14.384	152	12472	0.366	ng	99
17) Acenaphthene	14.715	154	9076	0.399	ng	99
18) Fluorene	15.693	166	11148	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	81	0.385	ng	84
21) 4-Bromophenyl-phenylether	16.586	248	3088	0.396	ng	# 87
22) Hexachlorobenzene	16.673	284	3705	0.400	ng	99
23) Atrazine	16.859	200	2077	0.356	ng	99
24) Pentachlorophenol	17.033	266	1103	0.310	ng	98
25) Phenanthrene	17.443	178	16652	0.383	ng	99
26) Anthracene	17.542	178	13562	0.367	ng	100
28) Fluoranthene	19.458	202	17161	0.335	ng	100
30) Pyrene	19.825	202	17175	0.429	ng	100
32) Benzo(a)anthracene	21.569	228	13300	0.386	ng	99
33) Chrysene	21.623	228	15287	0.403	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	5616	0.337	ng	99
36) Indeno(1,2,3-cd)pyrene	26.720	276	14404	0.396	ng	99
37) Benzo(b)fluoranthene	23.306	252	13602	0.392	ng	96
38) Benzo(k)fluoranthene	23.358	252	13612	0.382	ng	96
39) Benzo(a)pyrene	23.972	252	11556	0.356	ng	93
40) Dibenzo(a,h)anthracene	26.744	278	11625	0.407	ng	98
41) Benzo(g,h,i)perylene	27.536	276	13529	0.409	ng	99

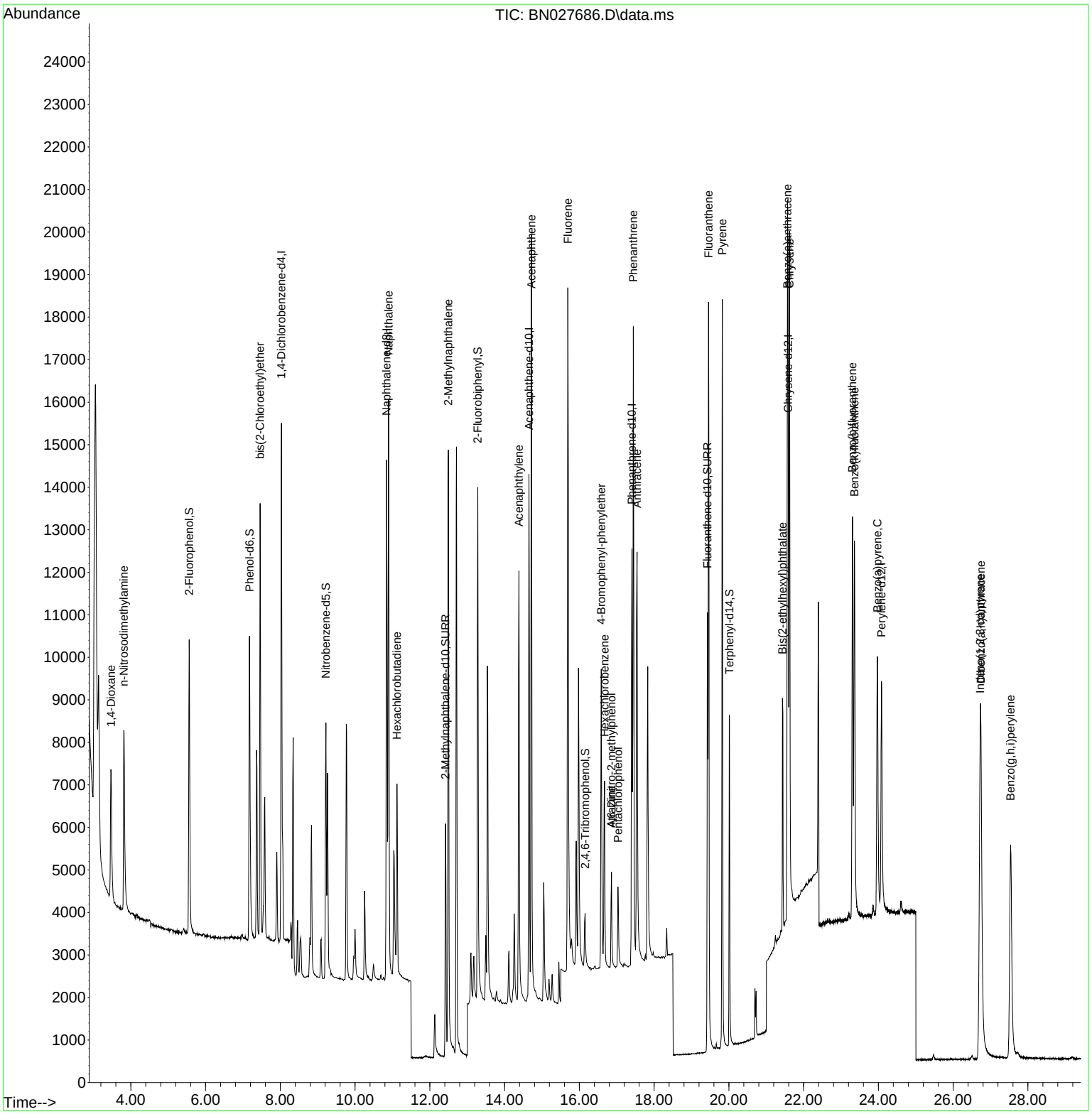
(#) = qualifier out of range (m) = manual integration (+) = signals summed

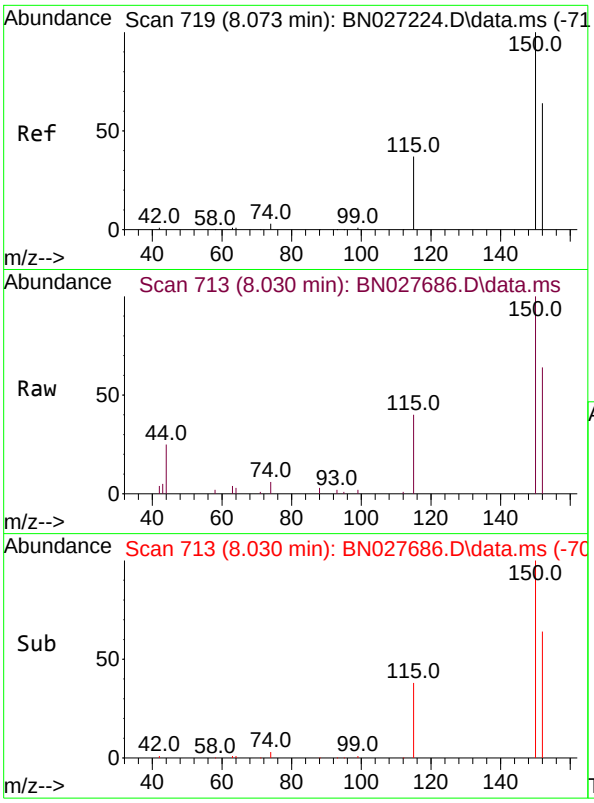
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027686.D
Acq On : 14 Sep 2023 18:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 14 19:32:31 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



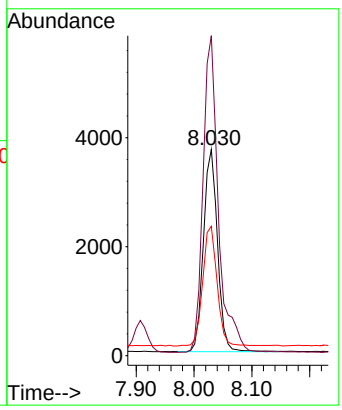


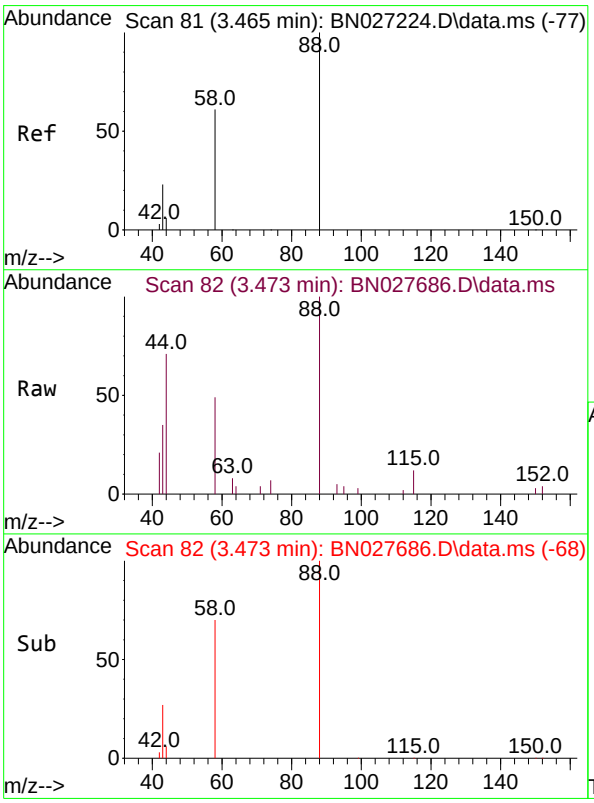
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.030 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6291

Ion	Ratio	Lower	Upper
152	100		
150	155.2	122.7	184.1
115	62.8	48.6	73.0

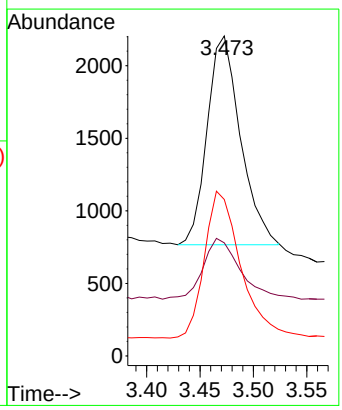


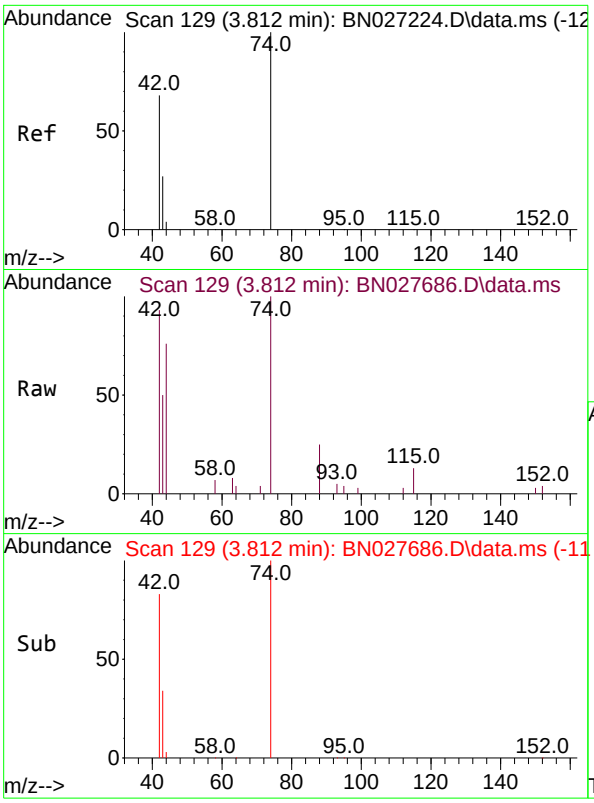


#2
1,4-Dioxane
Concen: 0.407 ng
RT: 3.473 min Scan# 82
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion: 88 Resp: 3122

Ion	Ratio	Lower	Upper
88	100		
43	31.8	19.1	28.7#
58	75.6	52.2	78.2



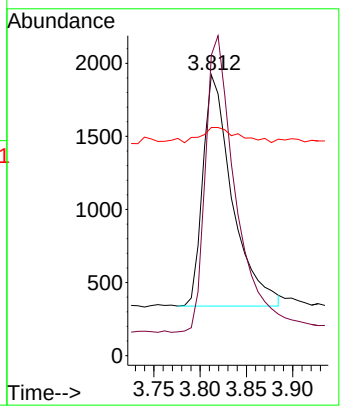


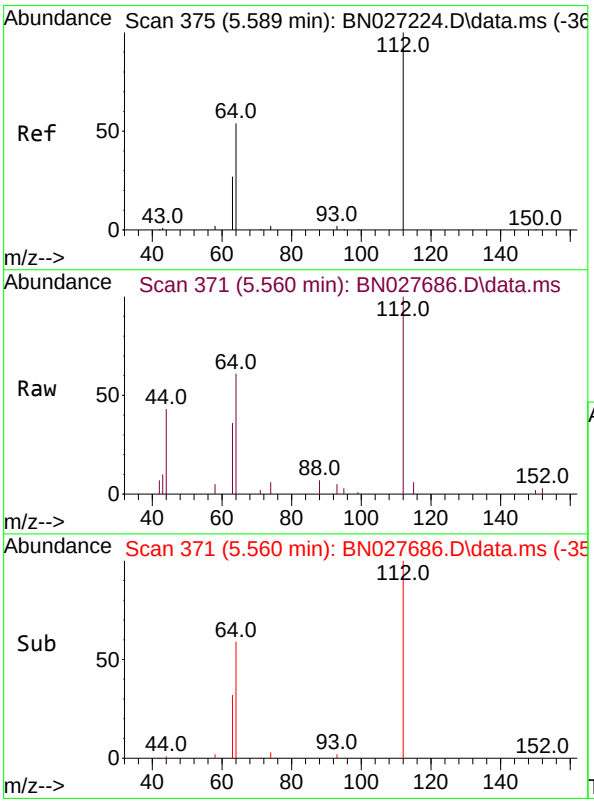
#3
n-Nitrosodimethylamine
Concen: 0.429 ng
RT: 3.812 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3492

Ion	Ratio	Lower	Upper
42	100		
74	131.4	113.8	170.8
44	8.3	7.3	10.9

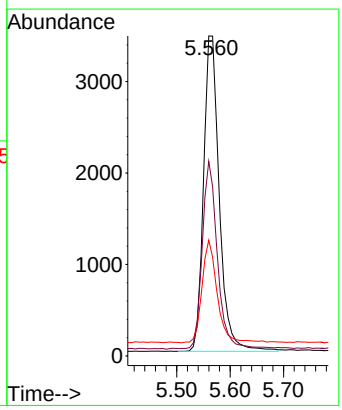


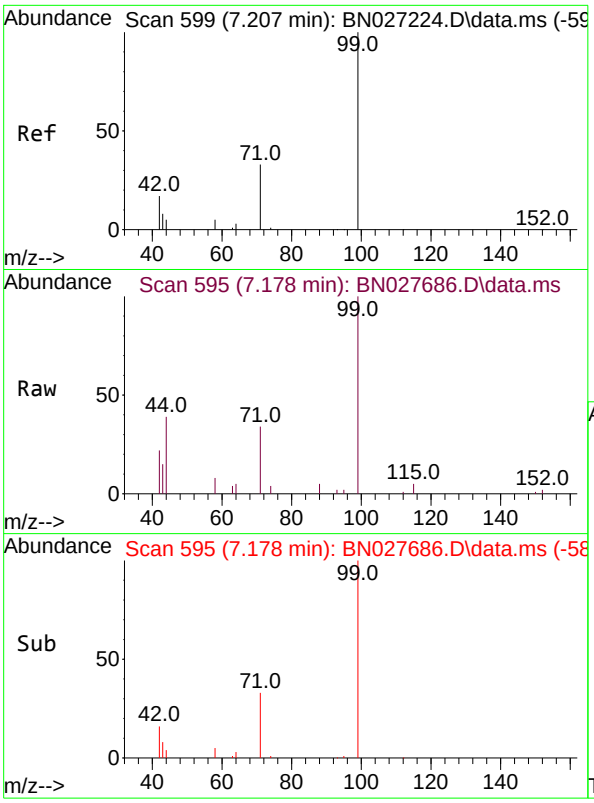


#4
2-Fluorophenol
Concen: 0.433 ng
RT: 5.560 min Scan# 371
Delta R.T. -0.015 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:112 Resp: 7094

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	31.7	23.1	34.7



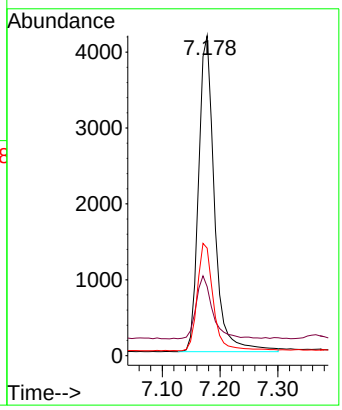


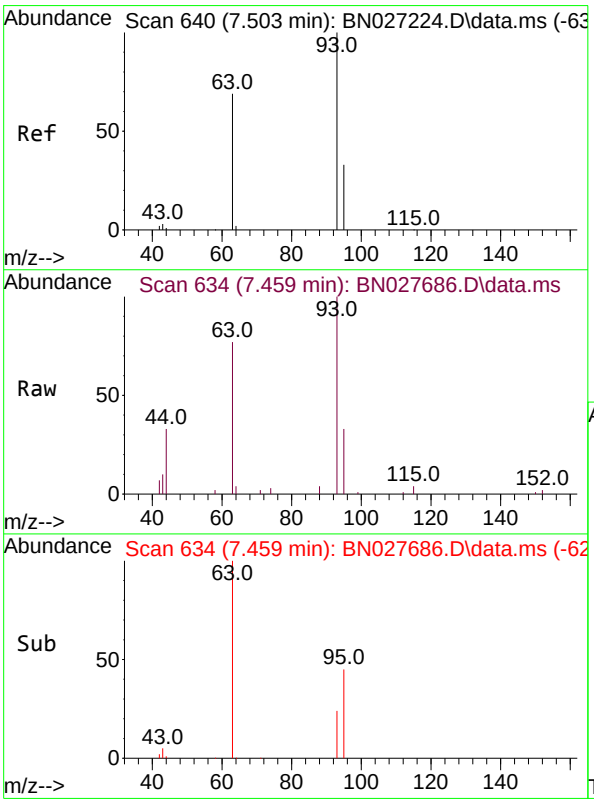
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.178 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 7988

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

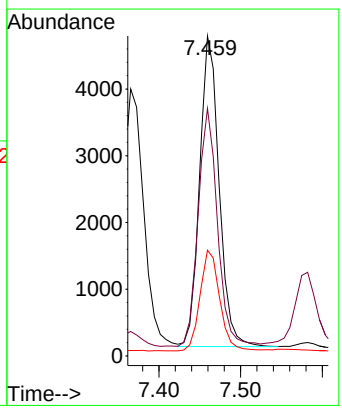


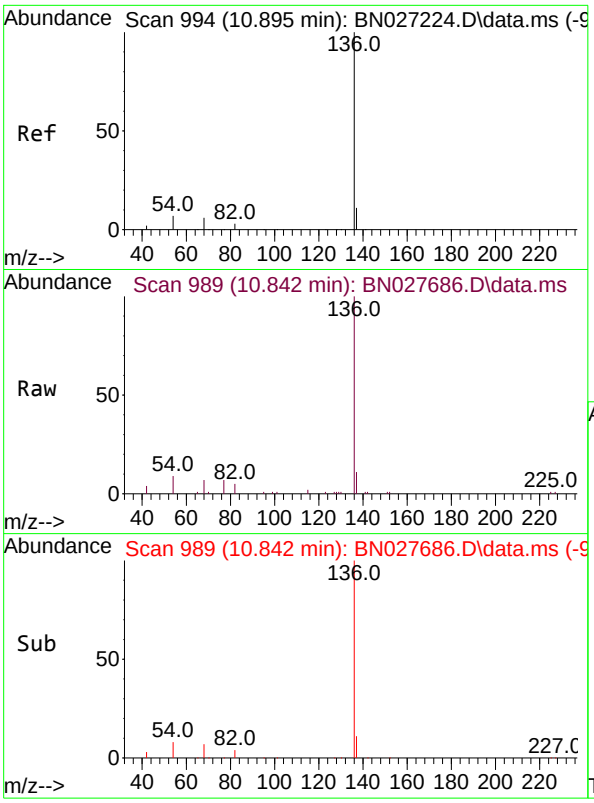


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.459 min Scan# 634
Delta R.T. -0.007 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion: 93 Resp: 7736

Ion	Ratio	Lower	Upper
93	100		
63	75.8	58.5	87.7
95	32.8	26.1	39.1



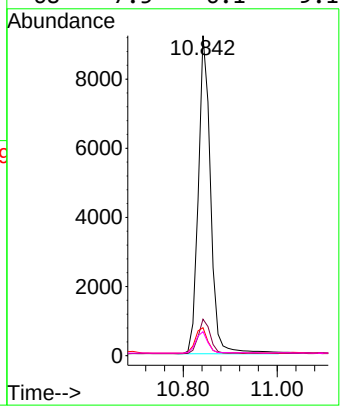


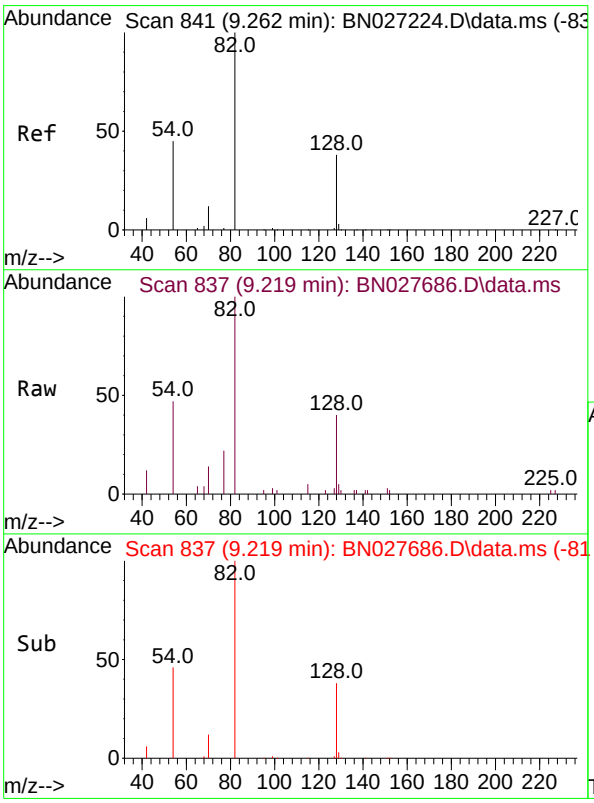
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.842 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16683

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.8	6.7	10.1
68	7.5	6.1	9.1

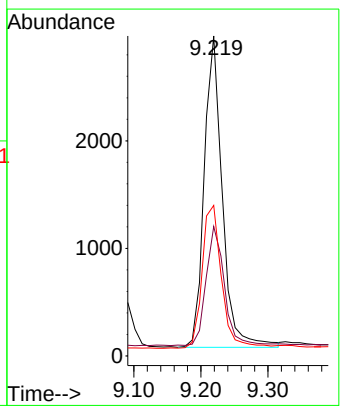


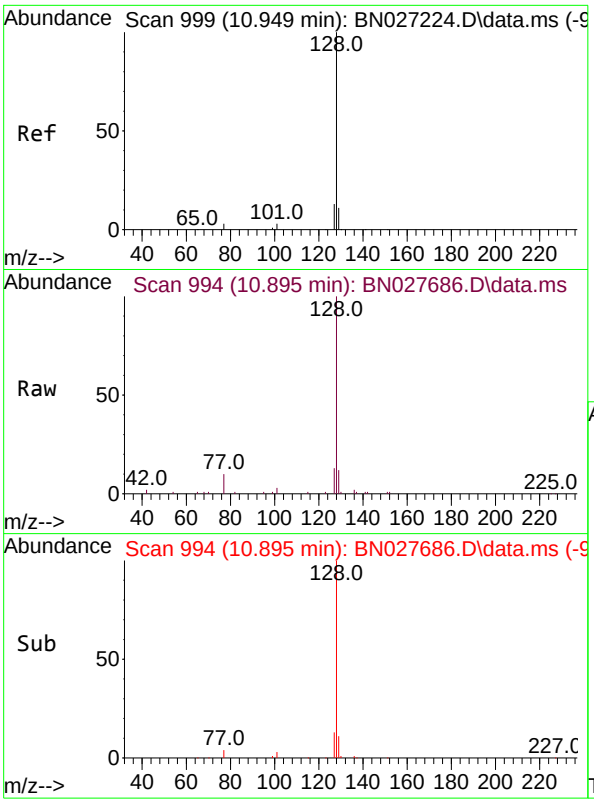


#8
Nitrobenzene-d5
Concen: 0.446 ng
RT: 9.219 min Scan# 837
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion: 82 Resp: 5422

Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.4	50.0
54	47.1	37.7	56.5



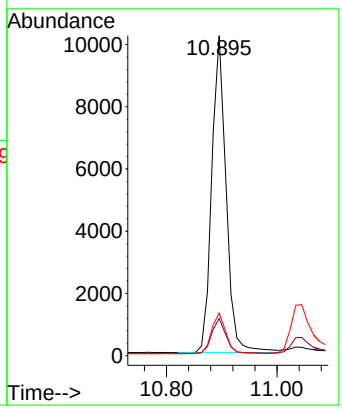


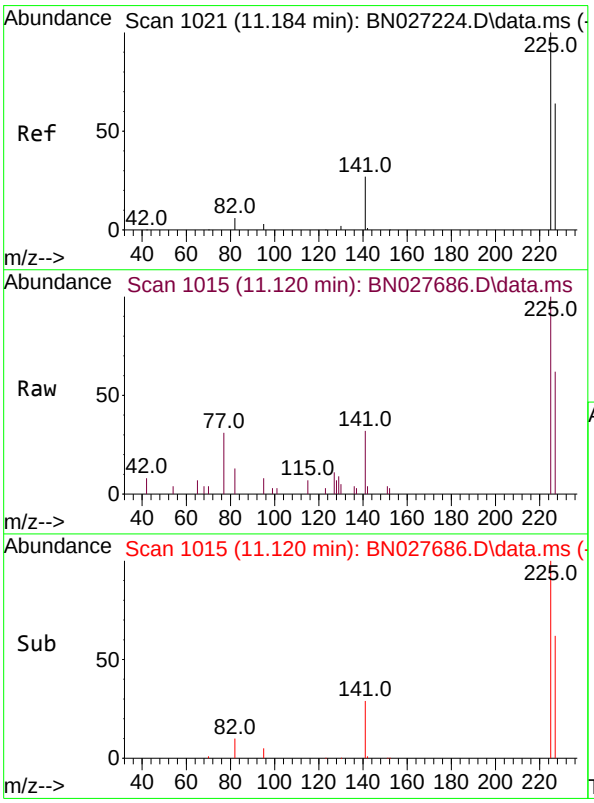
#9
Naphthalene
Concen: 0.405 ng
RT: 10.895 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18428

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.3	10.6	15.8

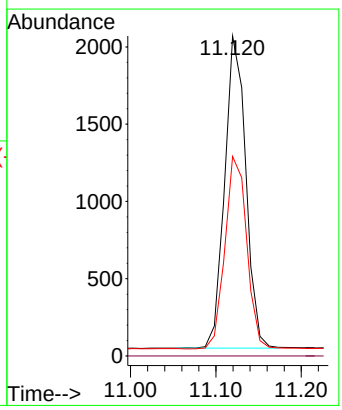


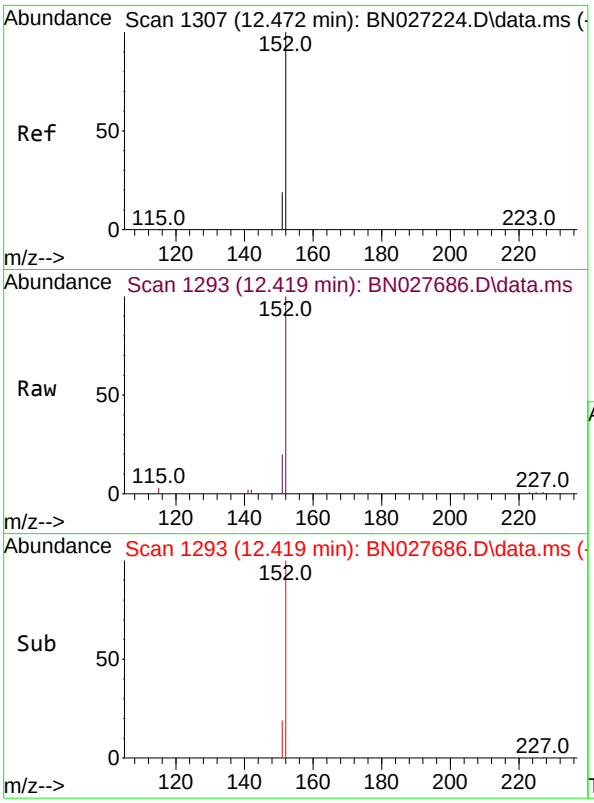


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 11.120 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:225 Resp: 3470

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.6	75.8



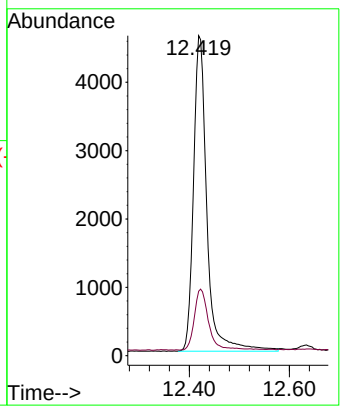


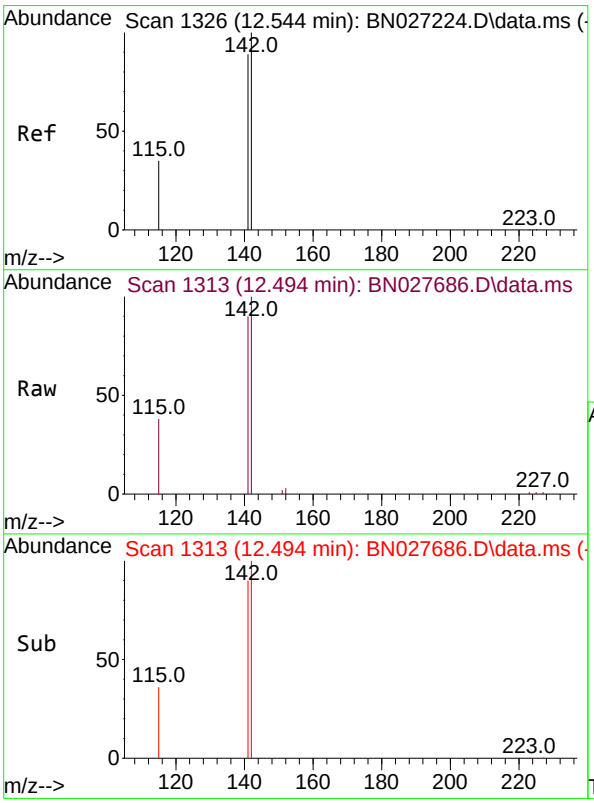
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8559

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	25.0

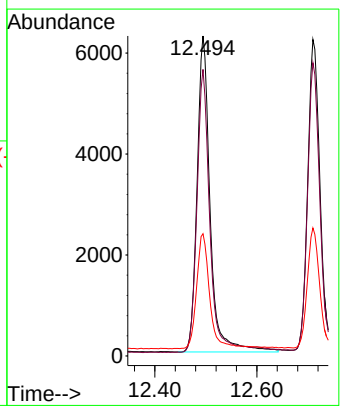


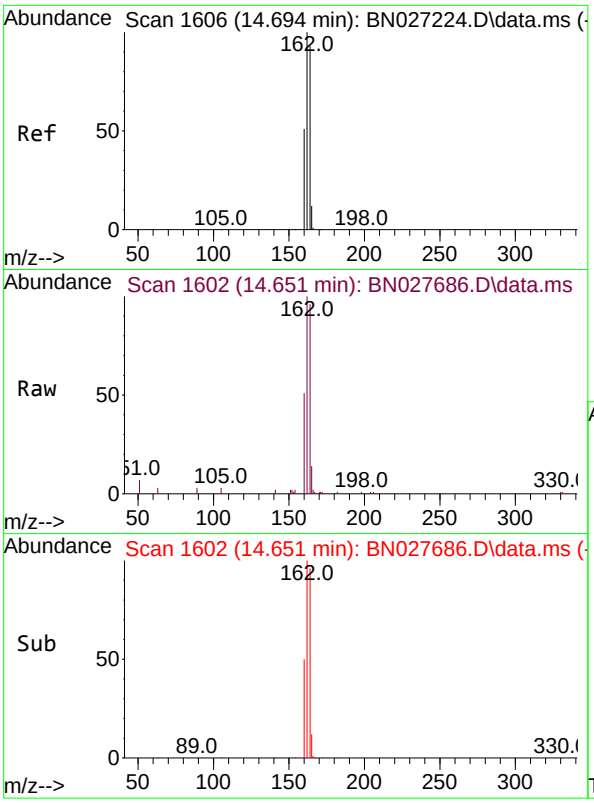


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.494 min Scan# 1313
Delta R.T. -0.008 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:142 Resp: 11183

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.1	106.7
115	38.2	29.6	44.4



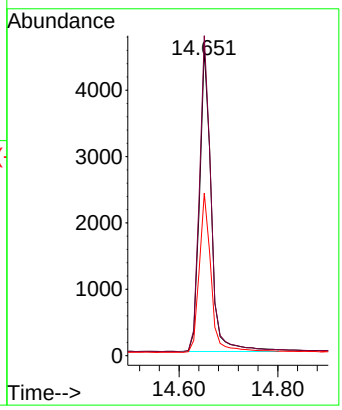


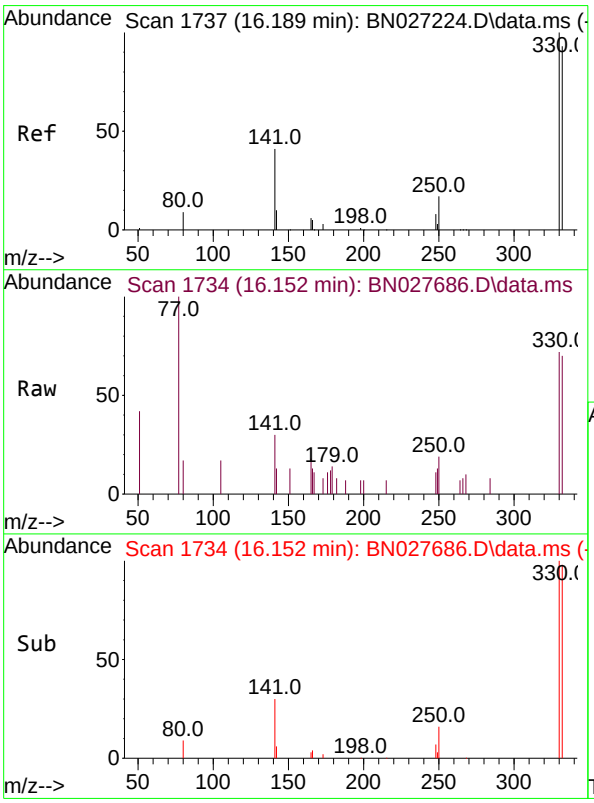
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7494

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.8	128.8
160	53.0	44.2	66.2

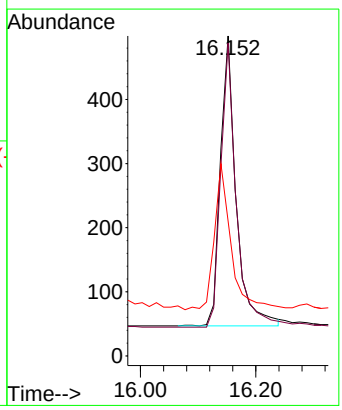


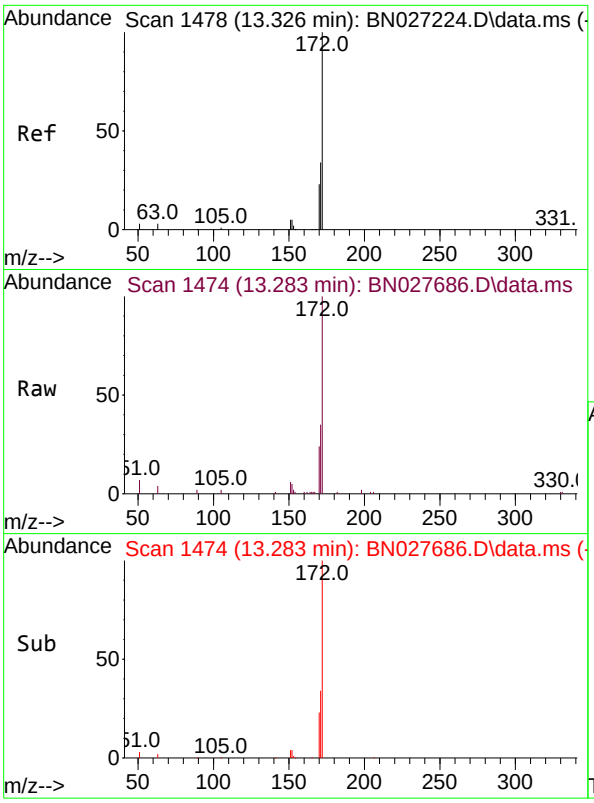


#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 16.152 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:330 Resp: 854

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.2	112.8
141	53.4	36.2	54.4



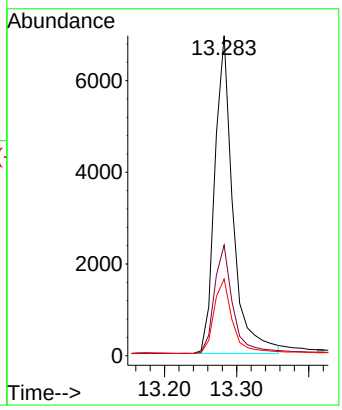


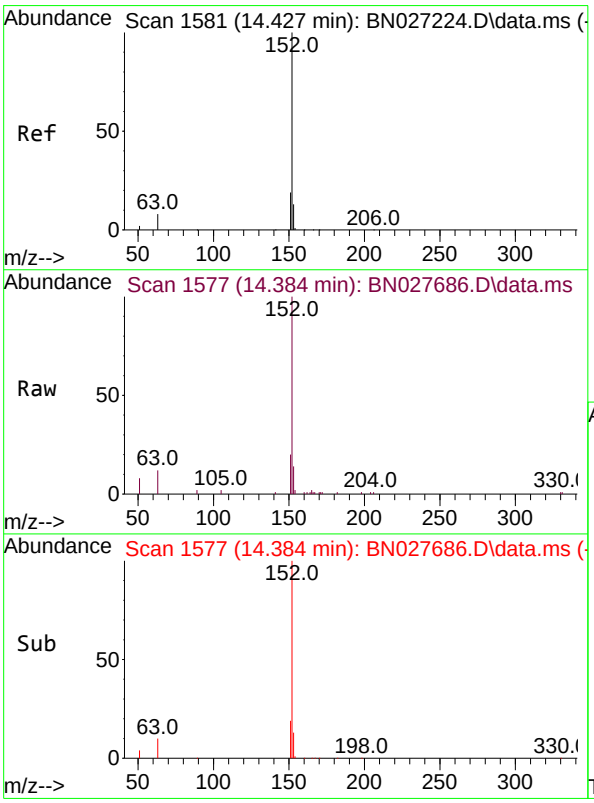
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12134

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	23.9	19.3	28.9

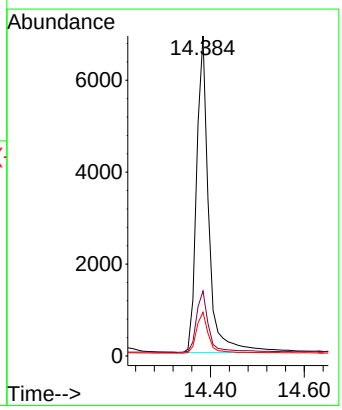


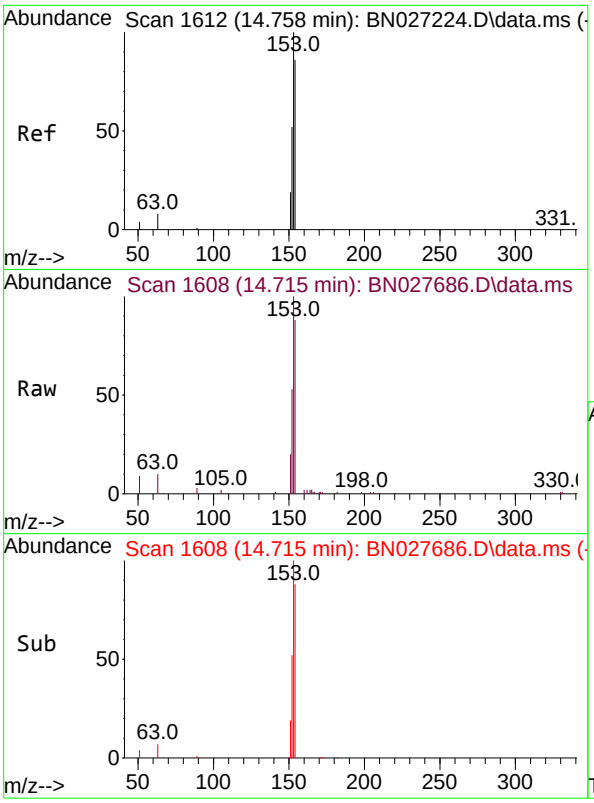


#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.384 min Scan# 1577
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:152 Resp: 12472

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	12.9	10.3	15.5



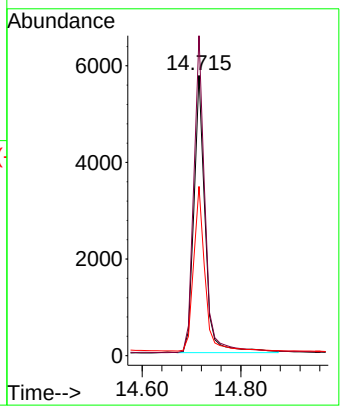


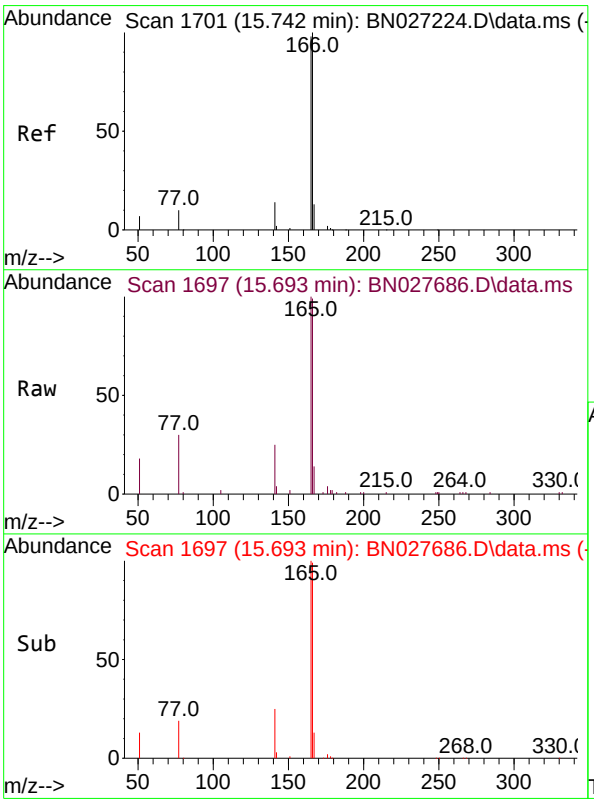
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 9076

Ion	Ratio	Lower	Upper
154	100		
153	114.9	93.1	139.7
152	59.6	48.6	73.0

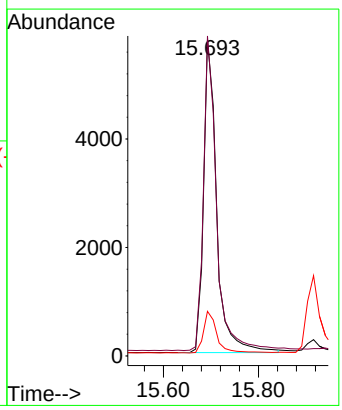


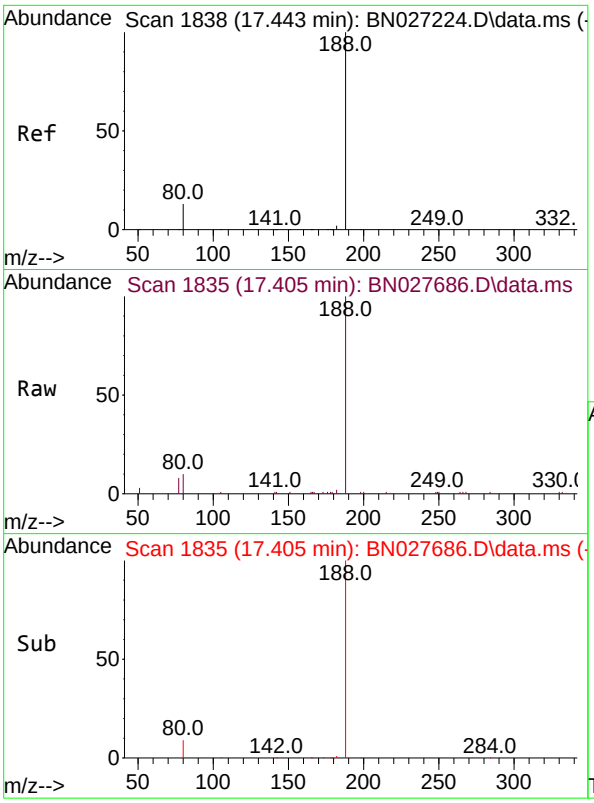


#18
Fluorene
Concen: 0.367 ng
RT: 15.693 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:166 Resp: 11148

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.4
167	13.6	10.8	16.2



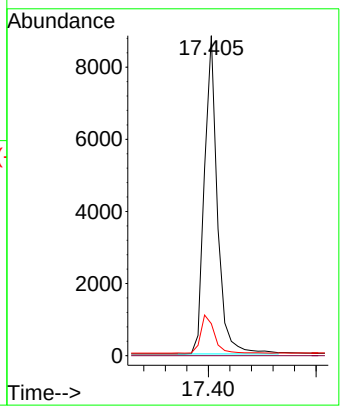


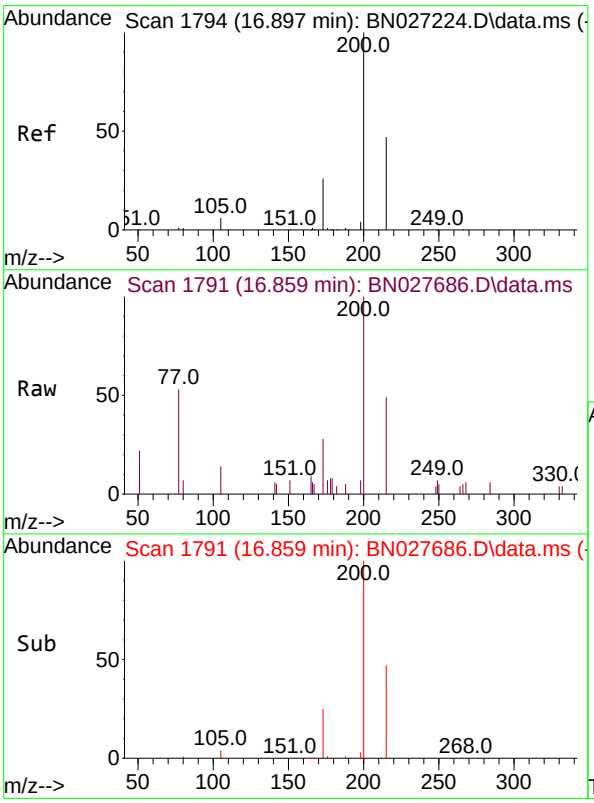
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 14789

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	11.0	16.6#

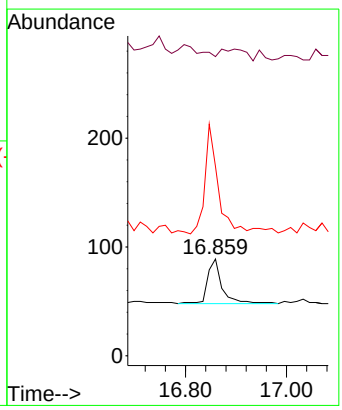


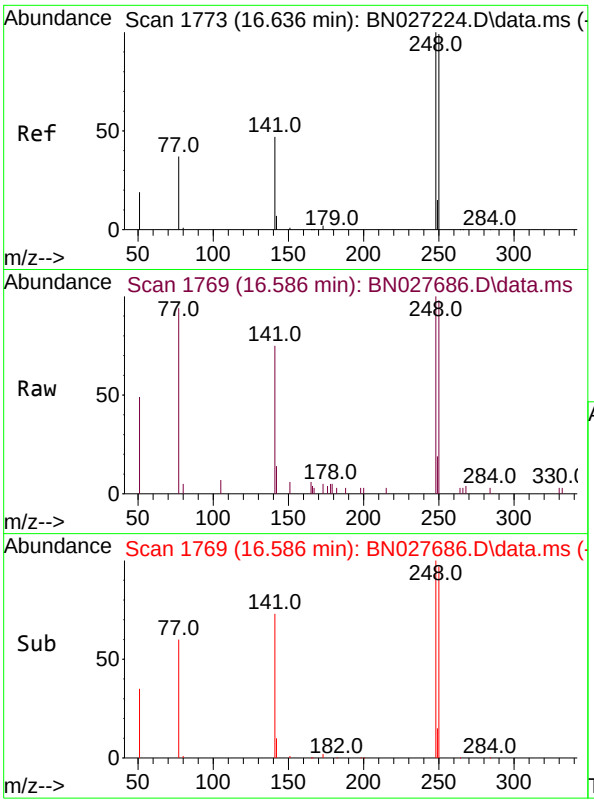


#20
4,6-Dinitro-2-methylphenol
Concen: 0.385 ng
RT: 16.859 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:198 Resp: 81

Ion	Ratio	Lower	Upper
198	100		
51	309.0	282.2	423.2
105	195.5	168.7	253.1



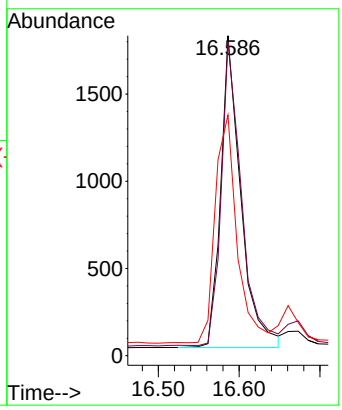


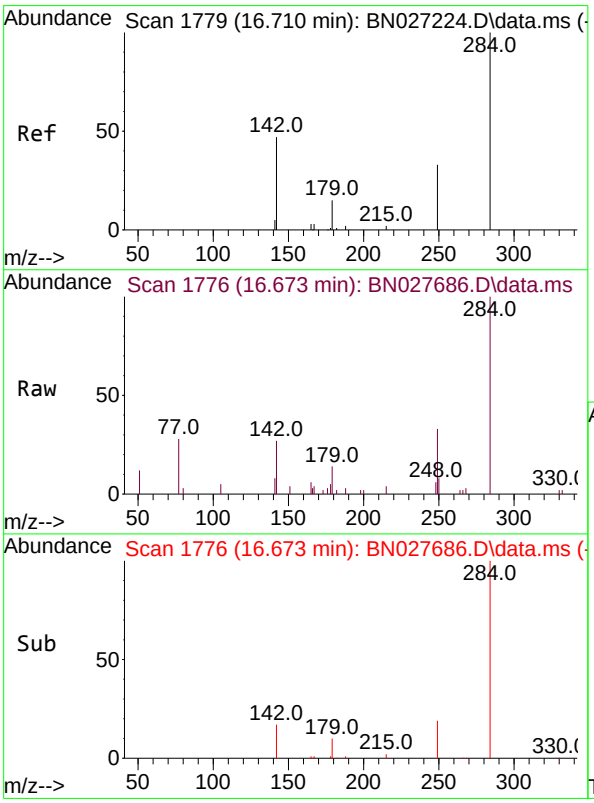
#21
4-Bromophenyl-phenylether
Concen: 0.396 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 3088

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.7	119.5
141	75.2	39.8	59.8#

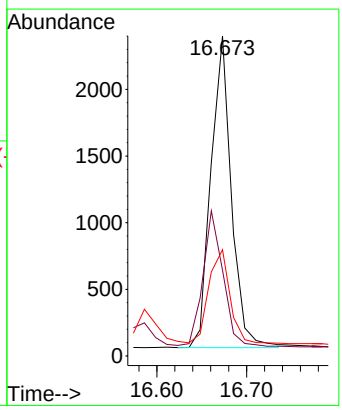


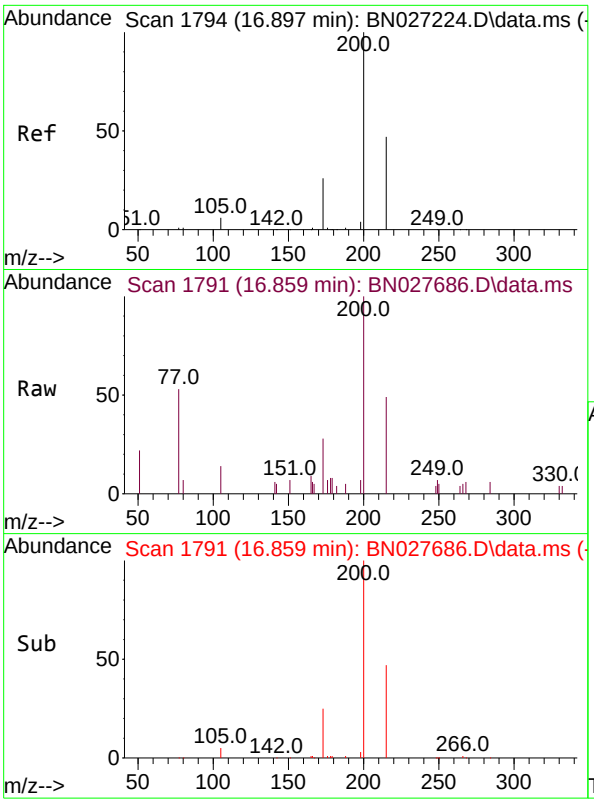


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.673 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:284 Resp: 3705

Ion	Ratio	Lower	Upper
284	100		
142	42.1	32.9	49.3
249	30.8	24.3	36.5



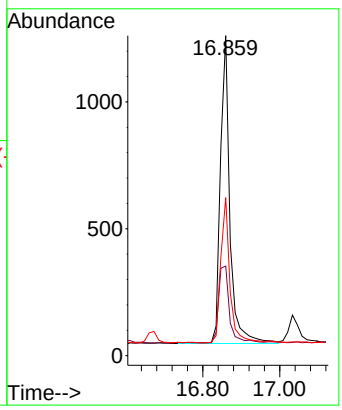


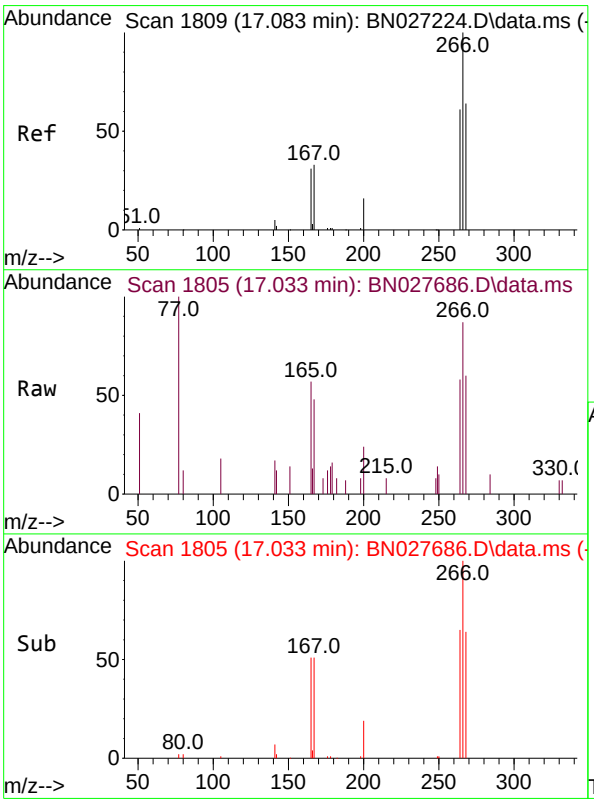
#23
Atrazine
Concen: 0.356 ng
RT: 16.859 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2077

Ion	Ratio	Lower	Upper
200	100		
173	28.0	22.5	33.7
215	49.4	39.0	58.6

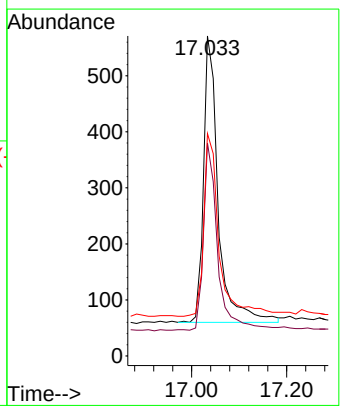


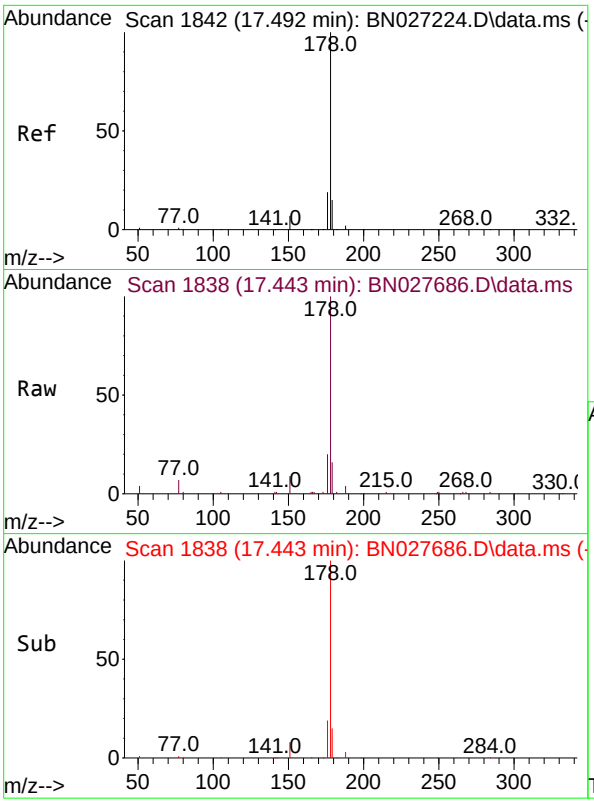


#24
Pentachlorophenol
Concen: 0.310 ng
RT: 17.033 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:266 Resp: 1103

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.3	75.5
268	66.7	52.0	78.0



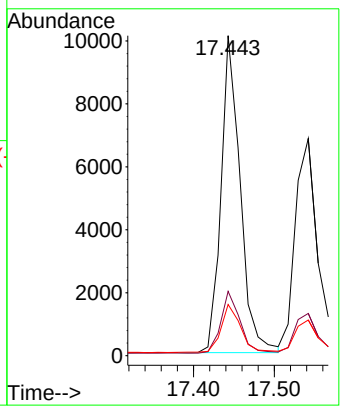


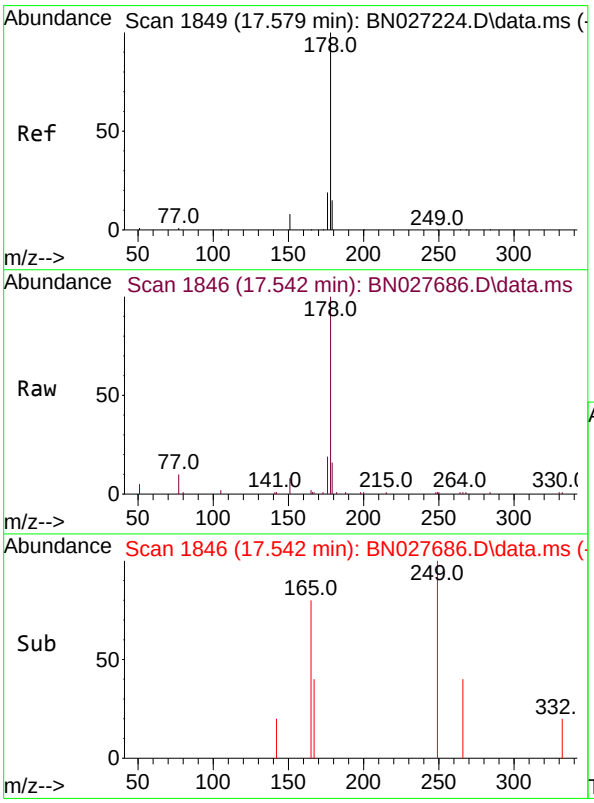
#25
Phenanthrene
Concen: 0.383 ng
RT: 17.443 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16652

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.3	18.5

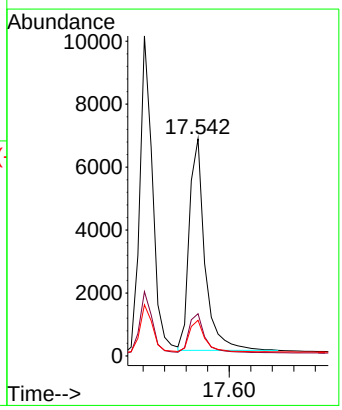


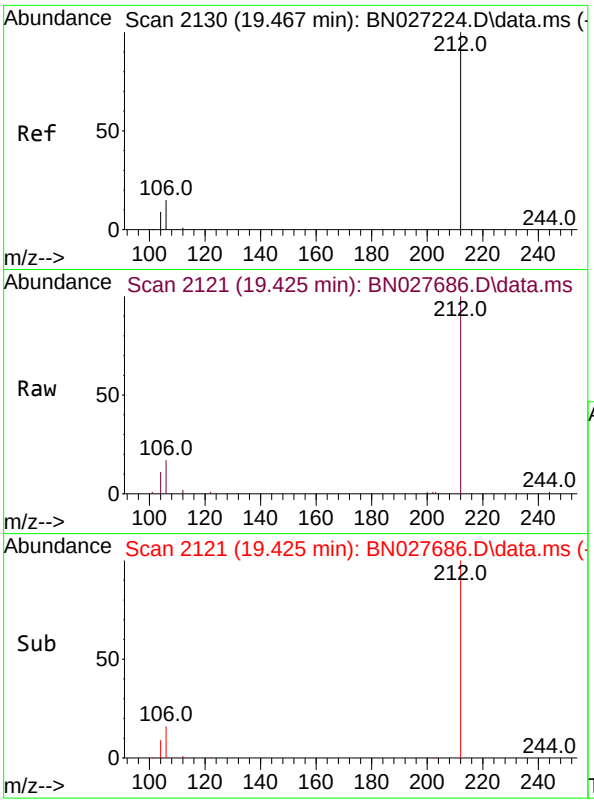


#26
Anthracene
Concen: 0.367 ng
RT: 17.542 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:178 Resp: 13562

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



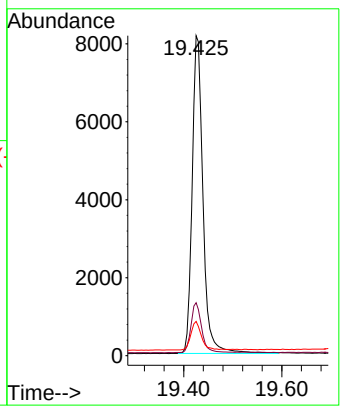


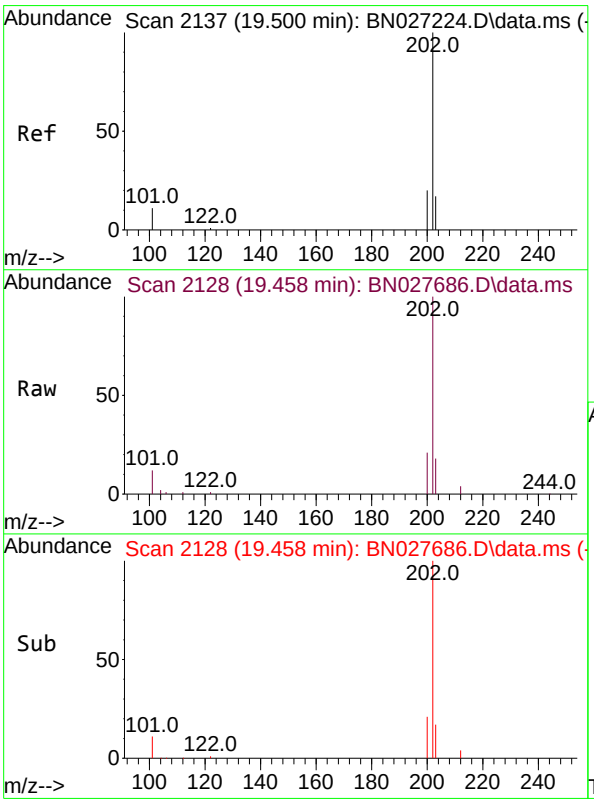
#27
Fluoranthene-d10
Concen: 0.340 ng
RT: 19.425 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12516

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.1	18.1
104	8.8	6.9	10.3

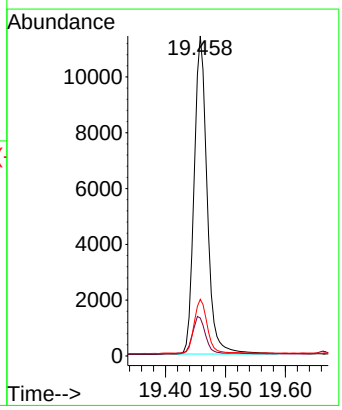


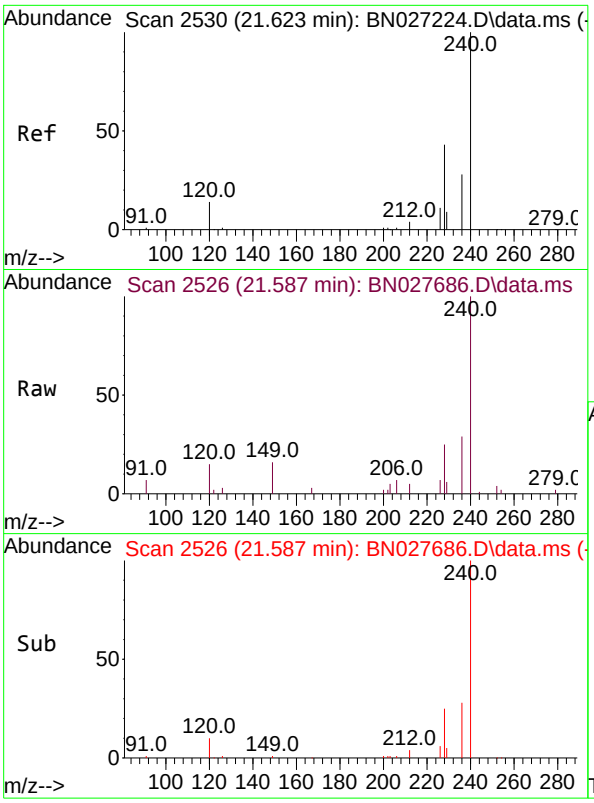


#28
Fluoranthene
Concen: 0.335 ng
RT: 19.458 min Scan# 2128
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:202 Resp: 17161

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.6	14.4
203	17.0	13.6	20.4



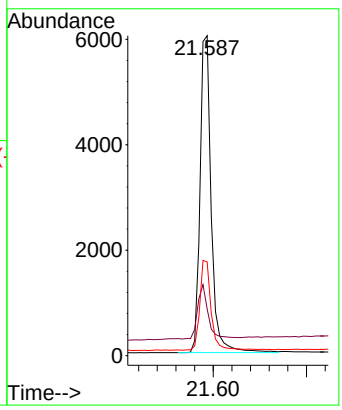


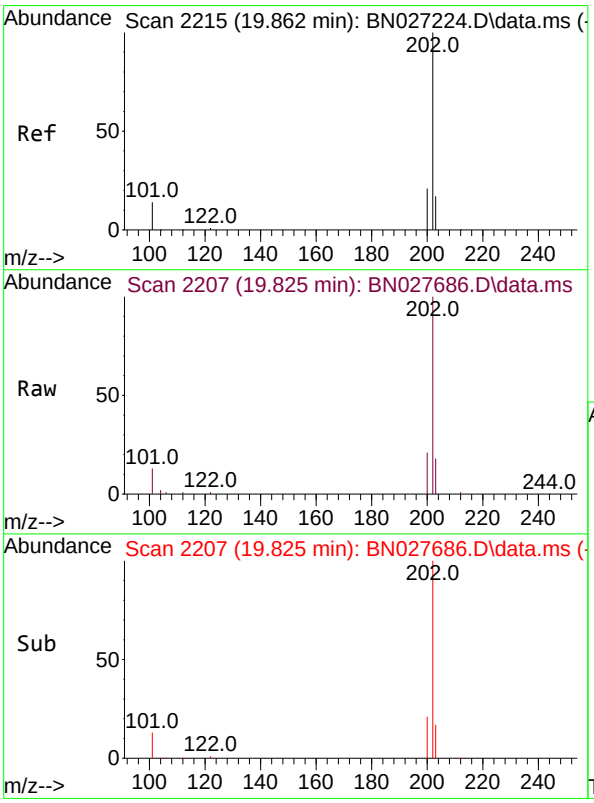
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 10062

Ion	Ratio	Lower	Upper
240	100		
120	14.6	14.2	21.4
236	29.3	22.9	34.3

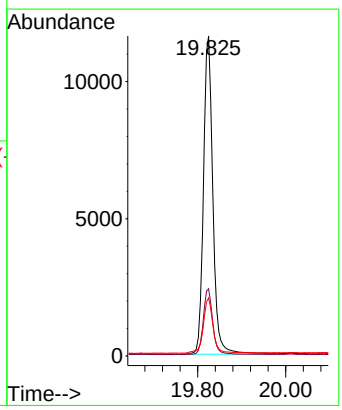


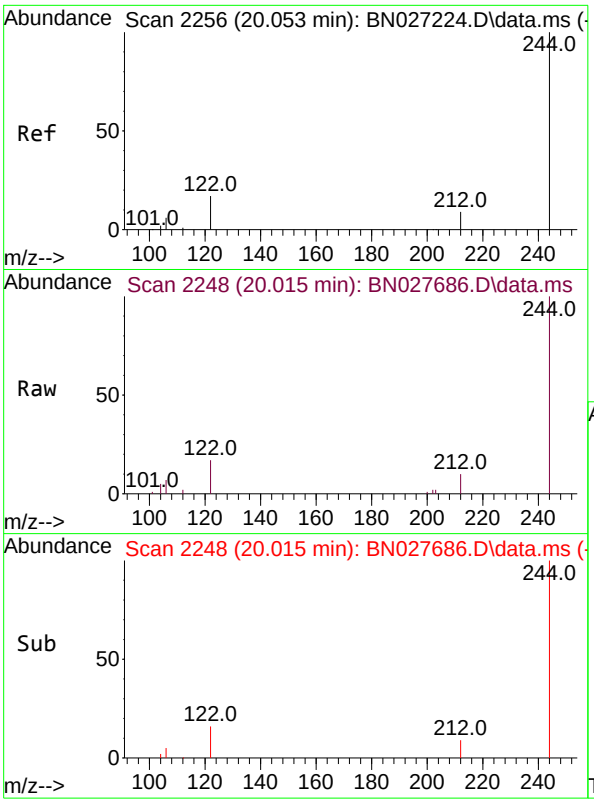


#30
Pyrene
Concen: 0.429 ng
RT: 19.825 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:202 Resp: 17175

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



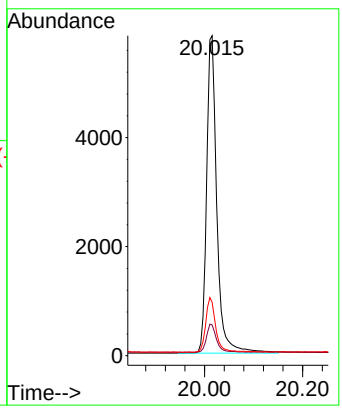


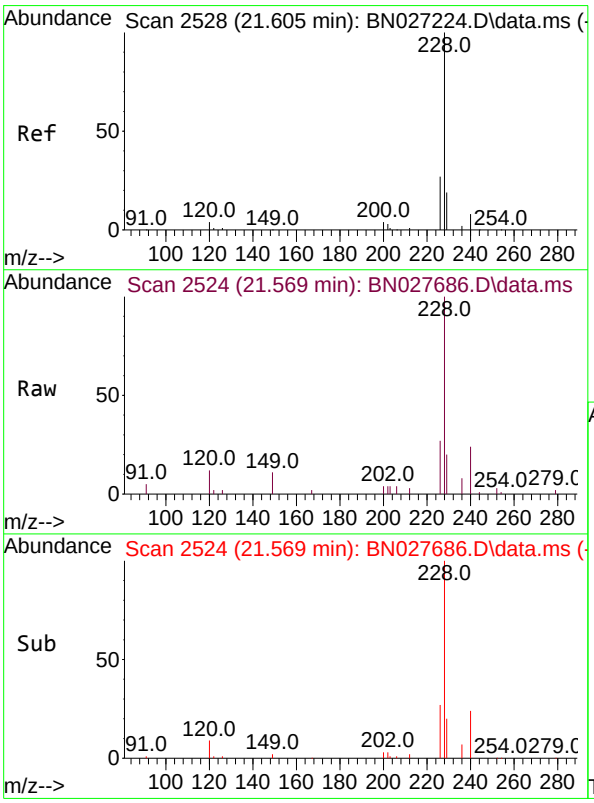
#31
Terphenyl-d14
Concen: 0.416 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8411

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.5	11.3
122	16.7	14.0	21.0

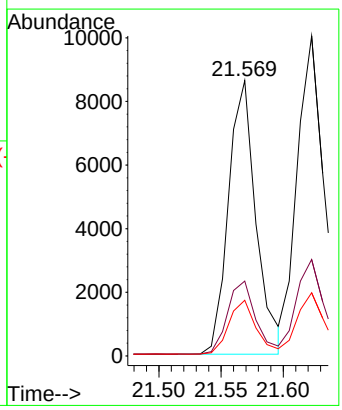


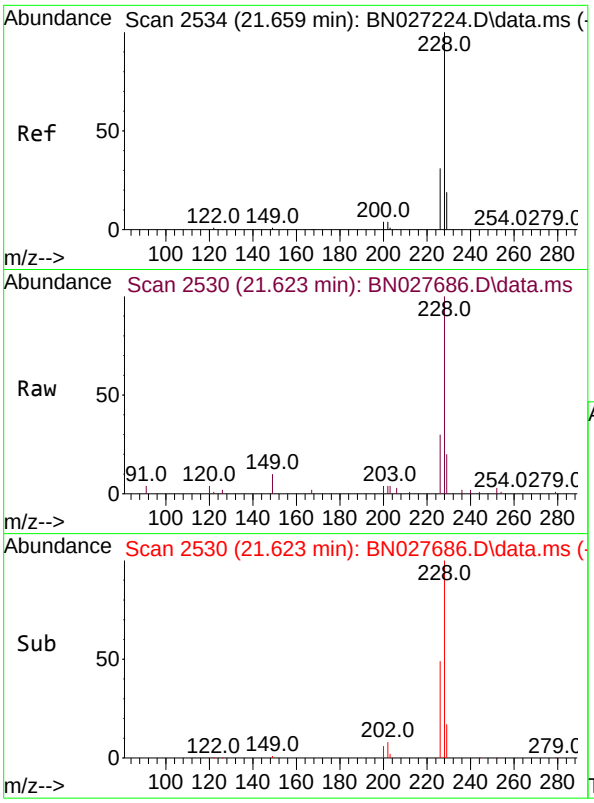


#32
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.569 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:228 Resp: 13300

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	20.2	15.7	23.5



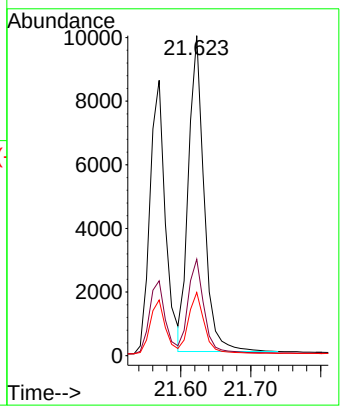


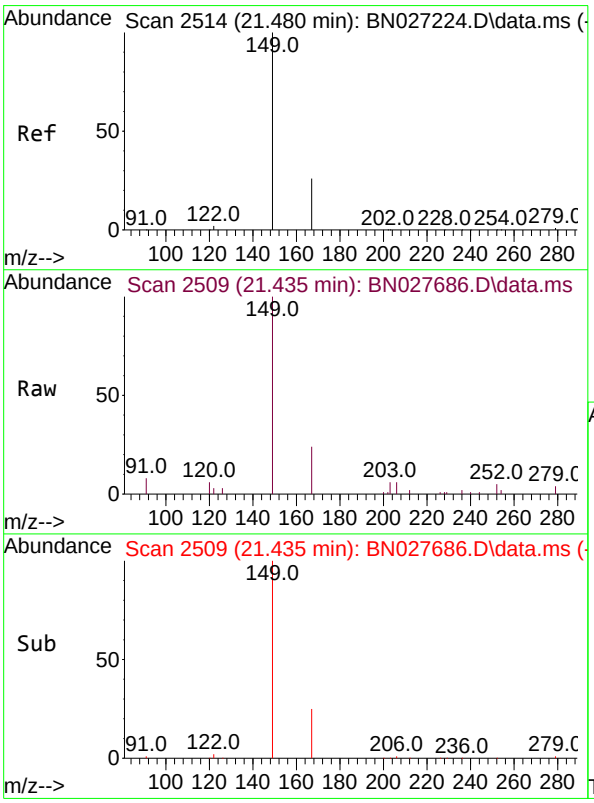
#33
Chrysene
Concen: 0.403 ng
RT: 21.623 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 15287

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.8	15.4	23.2

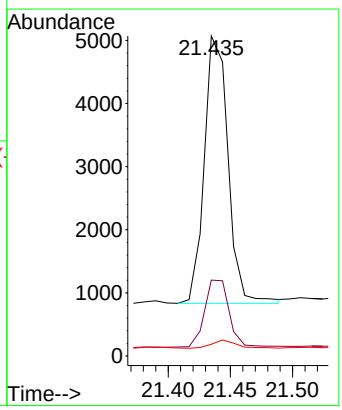


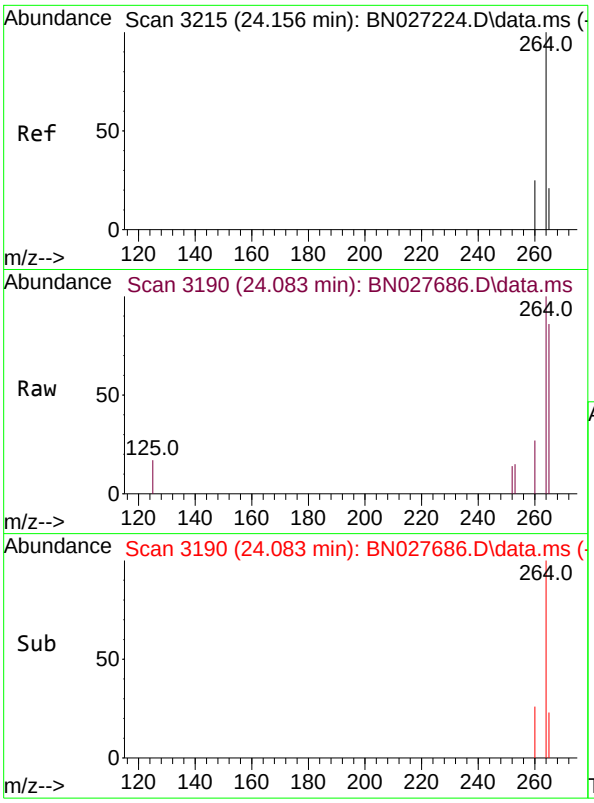


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.337 ng
RT: 21.435 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:149 Resp: 5616

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	3.2	2.7	4.1



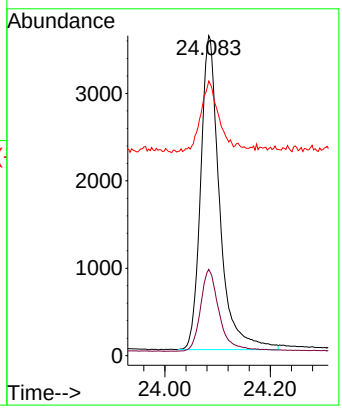


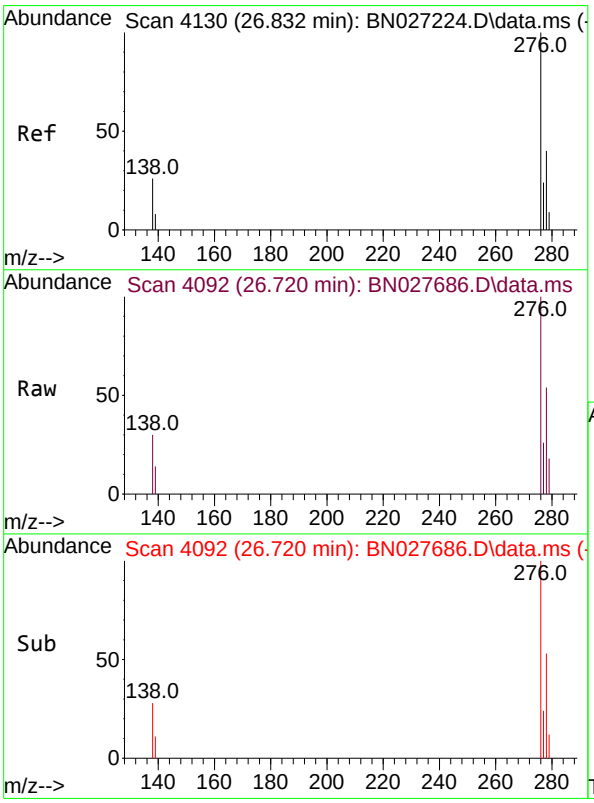
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.083 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 8967

Ion	Ratio	Lower	Upper
264	100		
260	26.9	20.7	31.1
265	85.8	53.3	79.9#

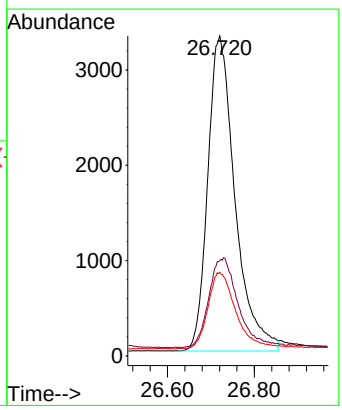


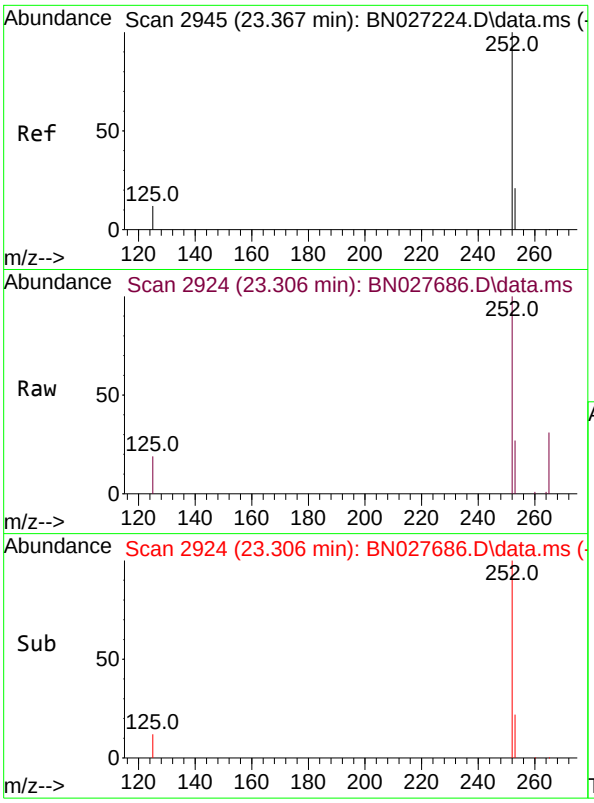


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.720 min Scan# 4092
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:276 Resp: 14404

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.4	35.2
277	24.6	19.8	29.8



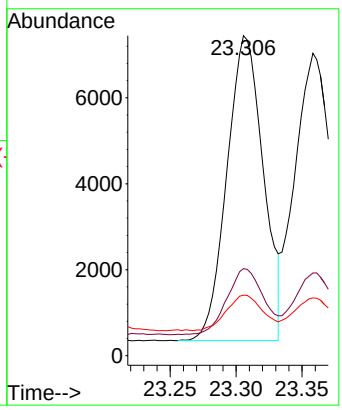


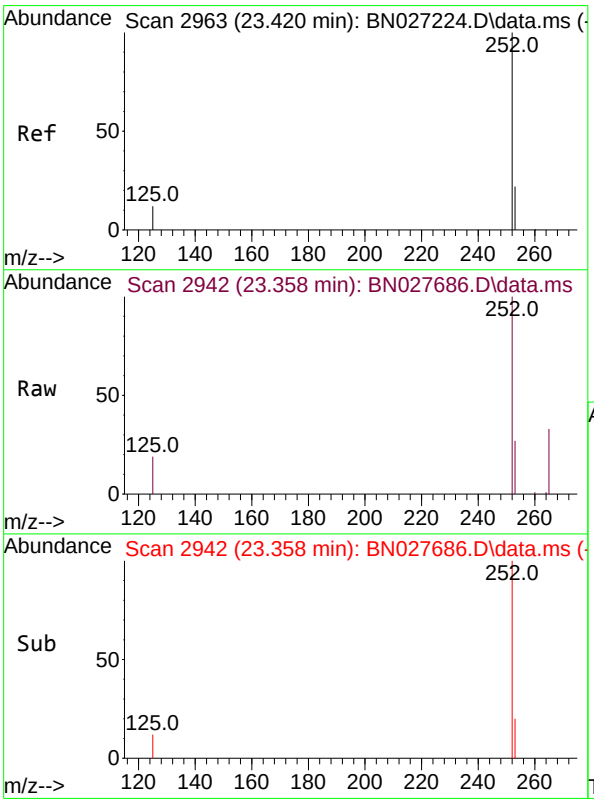
#37
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.306 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13602

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.9	29.9
125	18.9	13.8	20.6

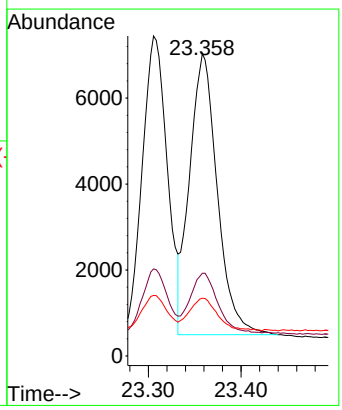


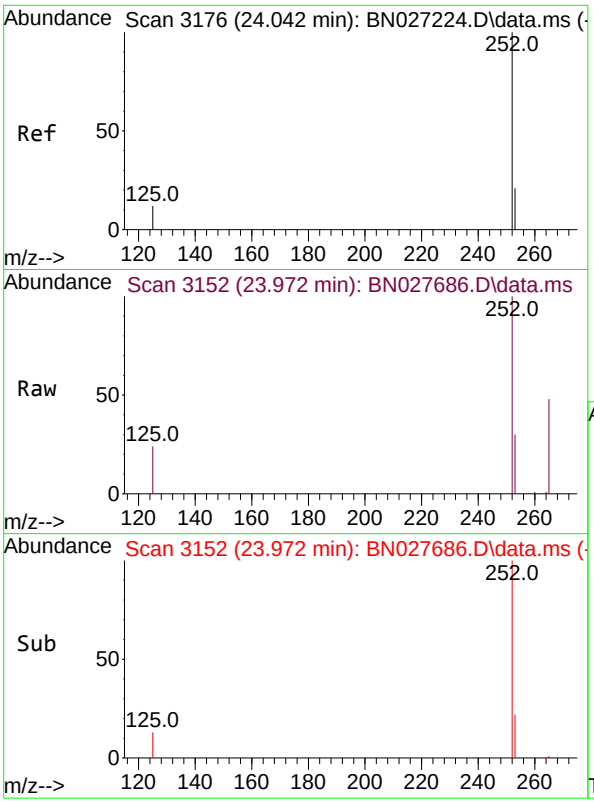


#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.358 min Scan# 2942
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:252 Resp: 13612

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.2	30.2
125	19.1	14.1	21.1



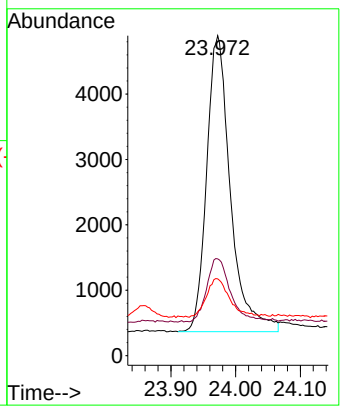


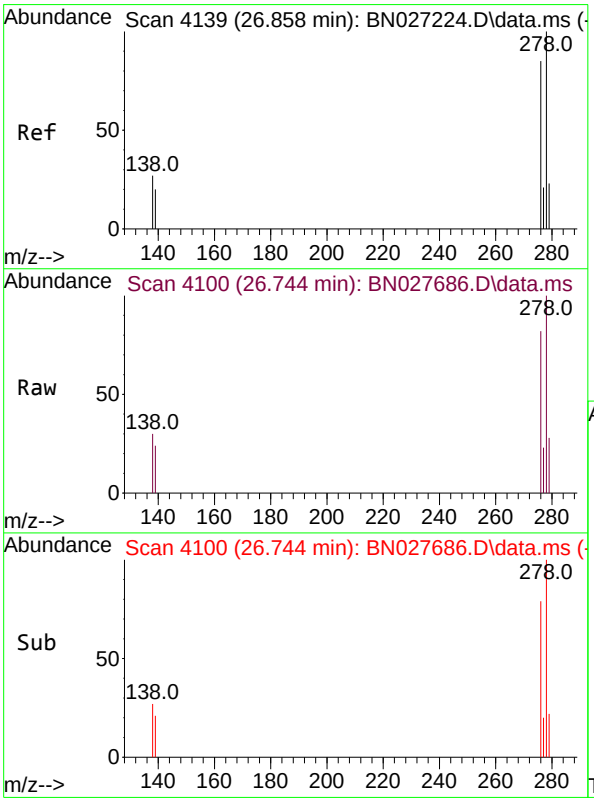
#39
Benzo(a)pyrene
Concen: 0.356 ng
RT: 23.972 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11556

Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.4	32.0
125	24.0	16.5	24.7

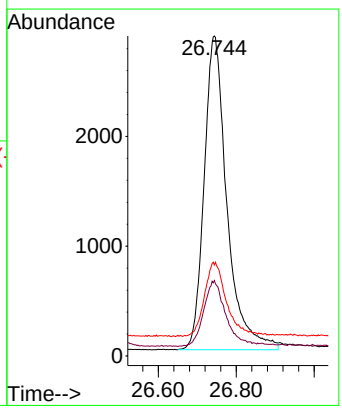


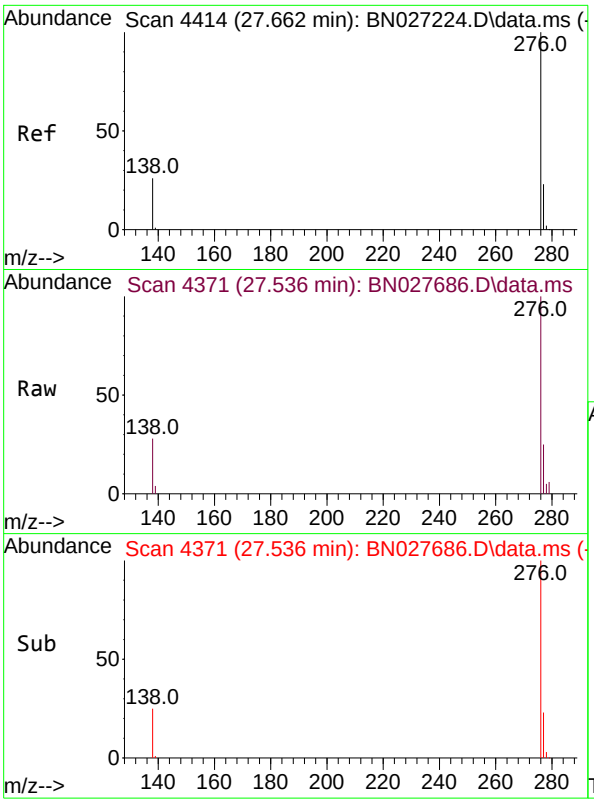


#40
Dibenzo(a,h)anthracene
Concen: 0.407 ng
RT: 26.744 min Scan# 4100
Delta R.T. -0.012 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Tgt Ion:278 Resp: 11625

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.9	26.9
279	28.4	21.8	32.6





#41
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 27.536 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN027686.D
Acq: 14 Sep 2023 18:50

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13529

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.6	29.4
138	27.6	22.1	33.1