Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060424\
Data File : BN031771.D
Acq On : 04 Jun 2024 11:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 04 12:41:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.682	152	17881	0.400	ng	-0.04
7) Naphthalene-d8	10.464	136	65384	0.400	ng	#-0.03
13) Acenaphthene-d10	14.317	164	36170	0.400	ng	-0.03
19) Phenanthrene-d10	17.066	188	69516	0.400	ng	-0.02
29) Chrysene-d12	21.265	240	41379	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	41707	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.277	112	18383	0.362	ng	-0.02
5) Phenol-d6	6.852	99	25902	0.378	ng	-0.02
8) Nitrobenzene-d5	8.830	82	18718	0.399	ng	-0.03
11) 2-Methylnaphthalene-d10	12.058	152	35128	0.333	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	4037	0.294	ng	-0.02
15) 2-Fluorobiphenyl	12.938	172	49852	0.357	ng	-0.04
27) Fluoranthene-d10	19.100	212	51942	0.269	ng	-0.02
31) Terphenyl-d14	19.704	244	38152	0.377	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	9134	0.415	ng	# 84
3) n-Nitrosodimethylamine	3.537	42	6582	0.303	ng	92
6) bis(2-Chloroethyl)ether	7.112	93	20935	0.351	ng	97
9) Naphthalene	10.507	128	62021	0.341	ng	96
10) Hexachlorobutadiene	10.795	225	9702	0.304	ng	# 100
12) 2-Methylnaphthalene	12.130	142	40859	0.330	ng	98
16) Acenaphthylene	14.039	152	57677	0.317	ng	100
17) Acenaphthene	14.381	154	37021	0.326	ng	98
18) Fluorene	15.375	166	46513	0.313	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	516	0.091	ng	# 60
21) 4-Bromophenyl-phenylether	16.259	248	14040	0.345	ng	# 85
22) Hexachlorobenzene	16.371	284	14146	0.345	ng	99
23) Atrazine	16.532	200	10795	0.292	ng	# 91
24) Pentachlorophenol	16.718	266	4055	0.279	ng	99
25) Phenanthrene	17.103	178	66234	0.340	ng	100
26) Anthracene	17.202	178	59744	0.310	ng	100
28) Fluoranthene	19.133	202	64134	0.271	ng	99
30) Pyrene	19.495	202	64541	0.385	ng	100
32) Benzo(a)anthracene	21.247	228	51505	0.323	ng	99
33) Chrysene	21.301	228	48954	0.322	ng	99
34) Bis(2-ethylhexyl)phtha...	21.184	149	40798	0.437	ng	100
36) Indeno(1,2,3-cd)pyrene	25.759	276	56234	0.338	ng	100
37) Benzo(b)fluoranthene	22.823	252	51402	0.343	ng	# 91
38) Benzo(k)fluoranthene	22.867	252	48222	0.340	ng	# 92
39) Benzo(a)pyrene	23.399	252	43779	0.336	ng	# 86
40) Dibenzo(a,h)anthracene	25.770	278	44870	0.341	ng	96
41) Benzo(g,h,i)perylene	26.452	276	48303	0.341	ng	97

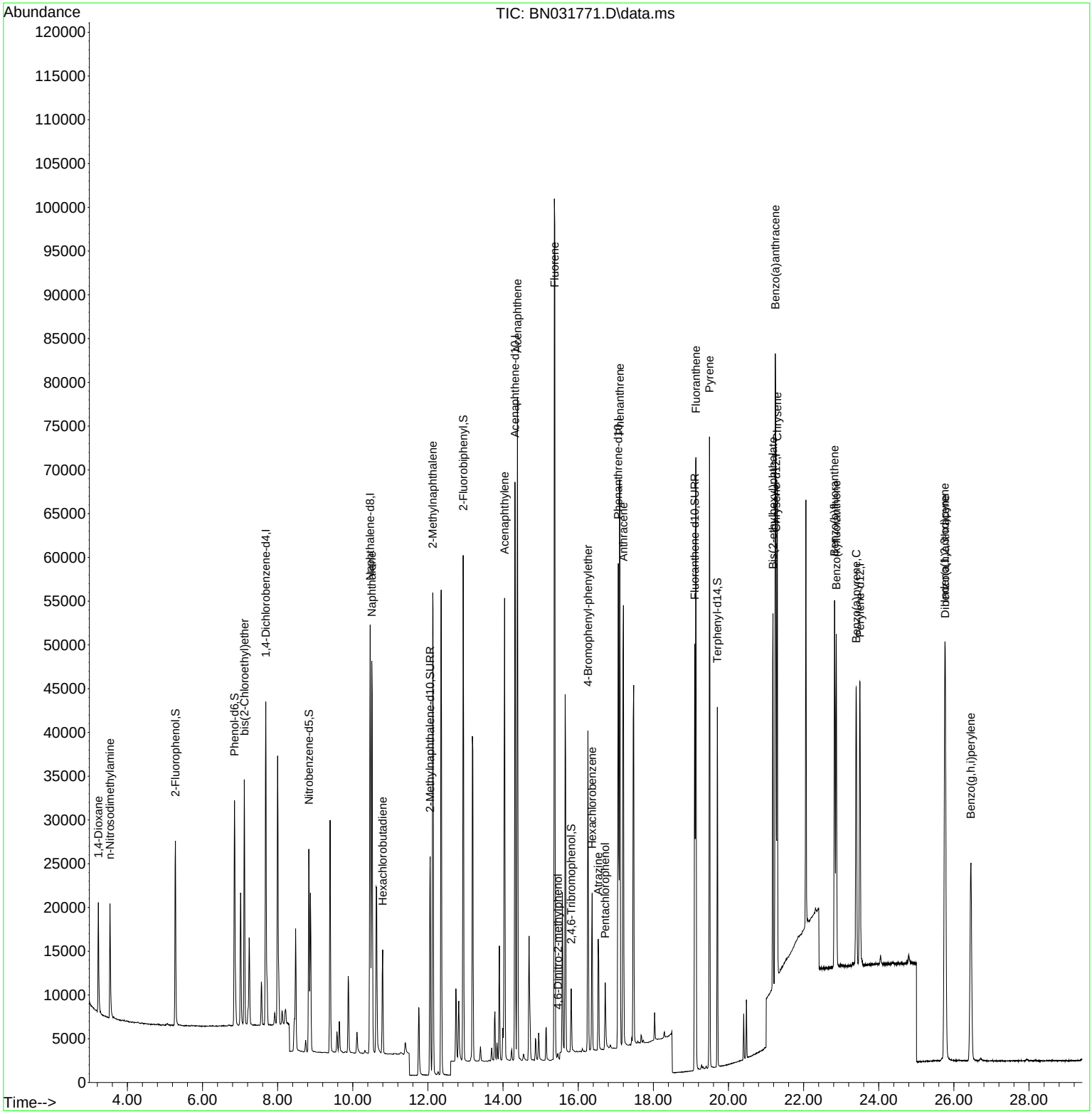
(#) = qualifier out of range (m) = manual integration (+) = signals summed

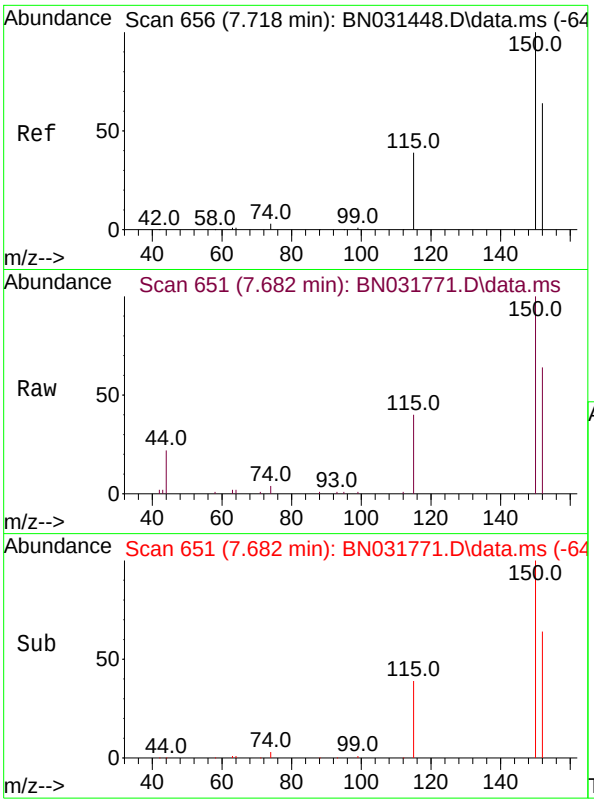
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060424\
Data File : BN031771.D
Acq On : 04 Jun 2024 11:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 04 12:41:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



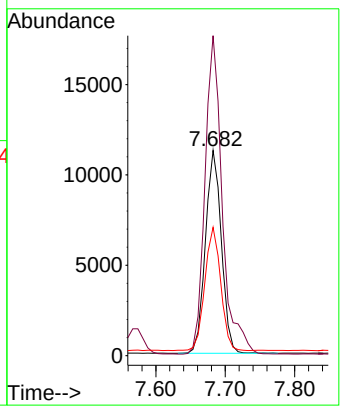


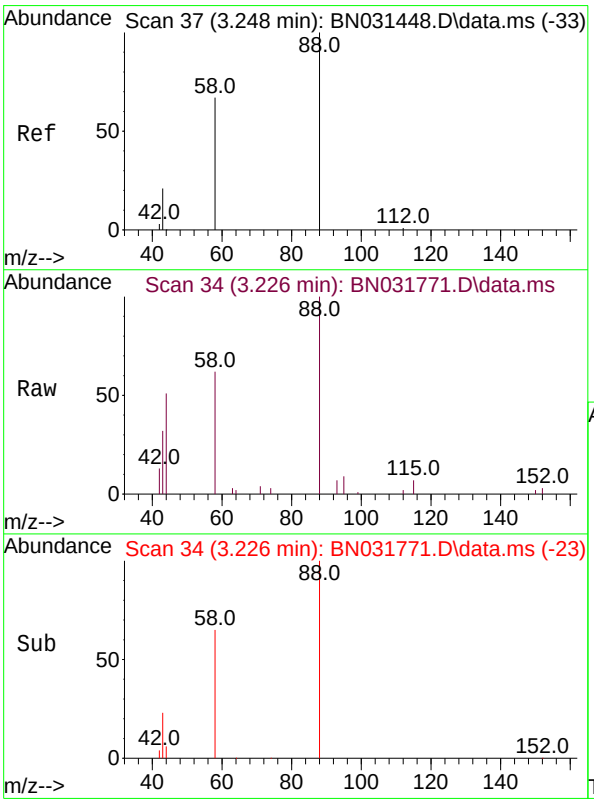
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.682 min Scan# 6
Delta R.T. -0.036 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 17881

Ion	Ratio	Lower	Upper
152	100		
150	155.9	119.3	178.9
115	62.6	54.8	82.2

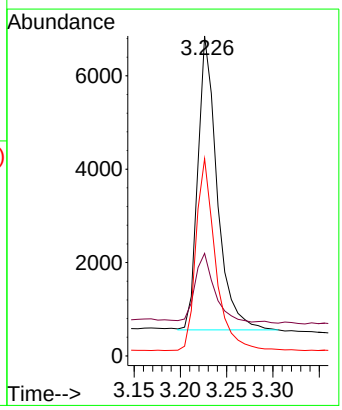


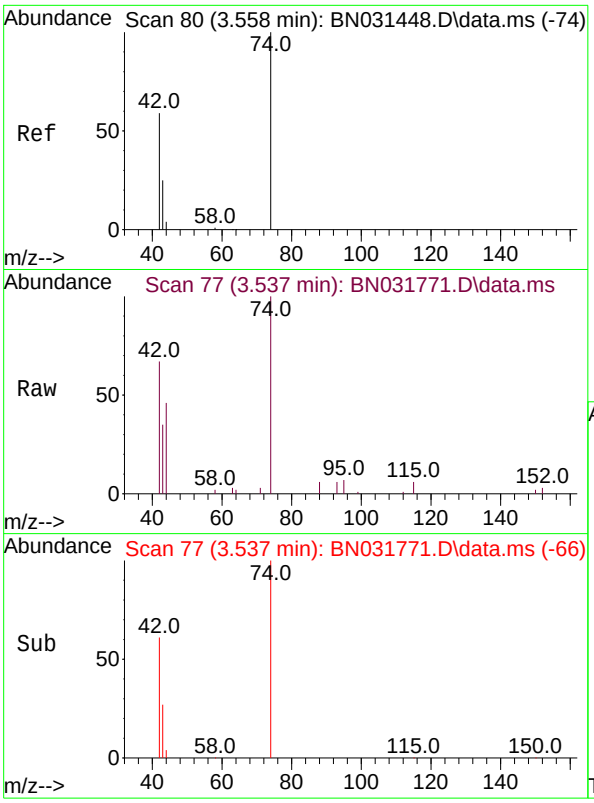


#2
1,4-Dioxane
Concen: 0.415 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.022 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion: 88 Resp: 9134

Ion	Ratio	Lower	Upper
88	100		
43	25.0	39.0	58.6#
58	66.1	54.9	82.3



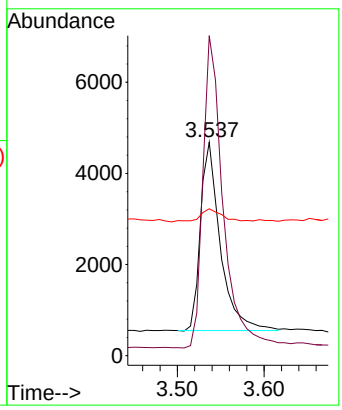


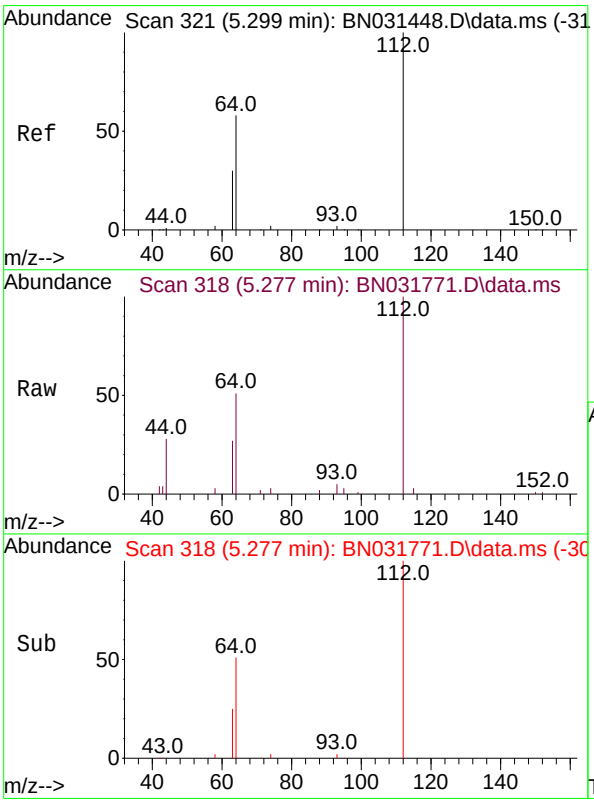
#3
n-Nitrosodimethylamine
Concen: 0.303 ng
RT: 3.537 min Scan# 7
Delta R.T. -0.022 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 6582

Ion	Ratio	Lower	Upper
42	100		
74	168.5	126.4	189.6
44	8.0	6.9	10.3

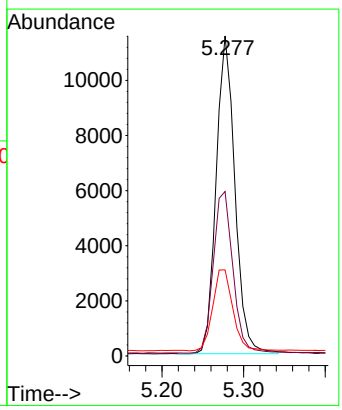


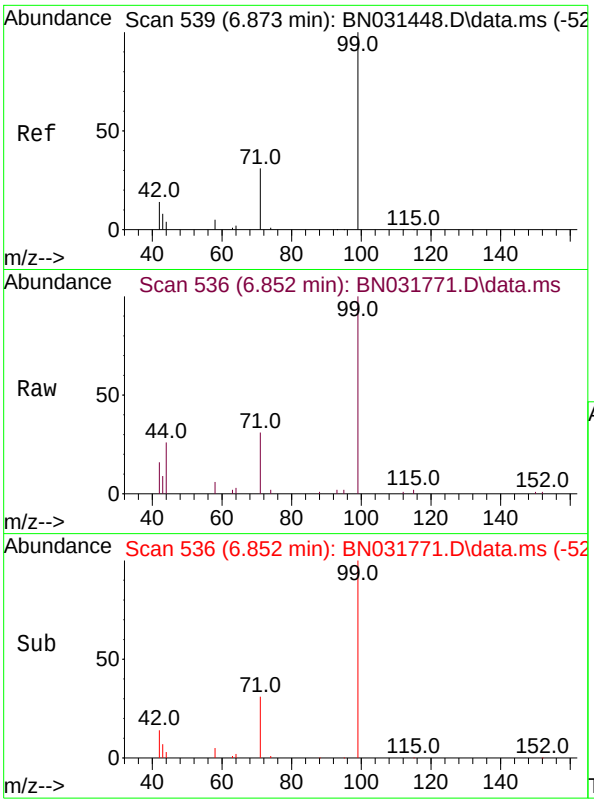


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.277 min Scan# 318
Delta R.T. -0.022 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:112 Resp: 18383

Ion	Ratio	Lower	Upper
112	100		
64	53.3	44.0	66.0
63	27.4	22.2	33.4



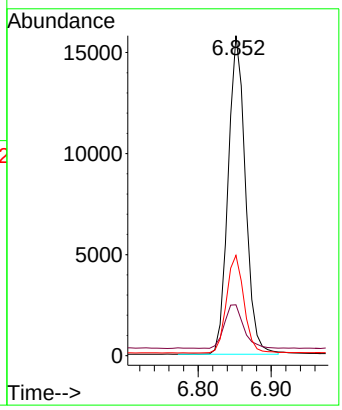


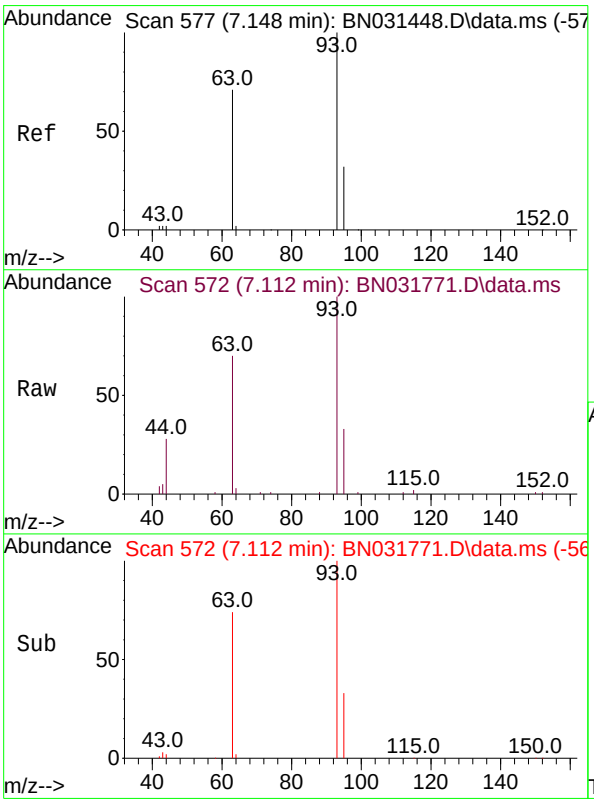
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.852 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 25902

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.5	20.3
71	30.9	26.1	39.1

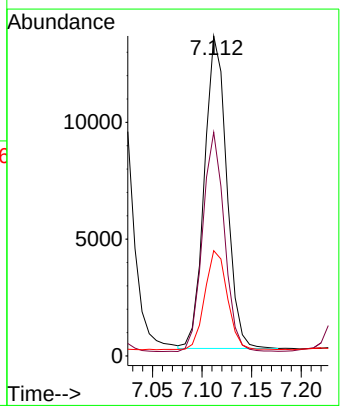


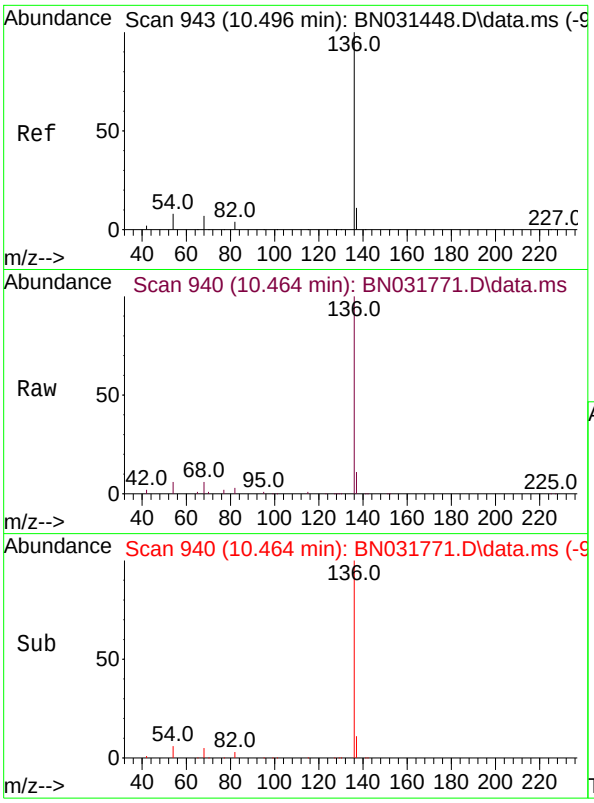


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.112 min Scan# 572
Delta R.T. -0.036 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion: 93 Resp: 20935

Ion	Ratio	Lower	Upper
93	100		
63	68.5	56.6	85.0
95	32.1	27.3	40.9



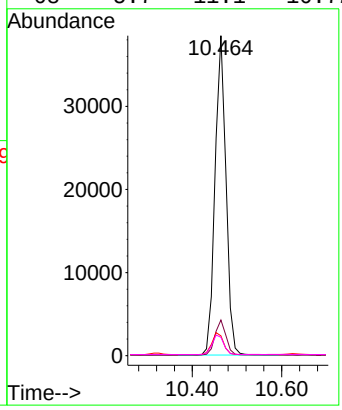


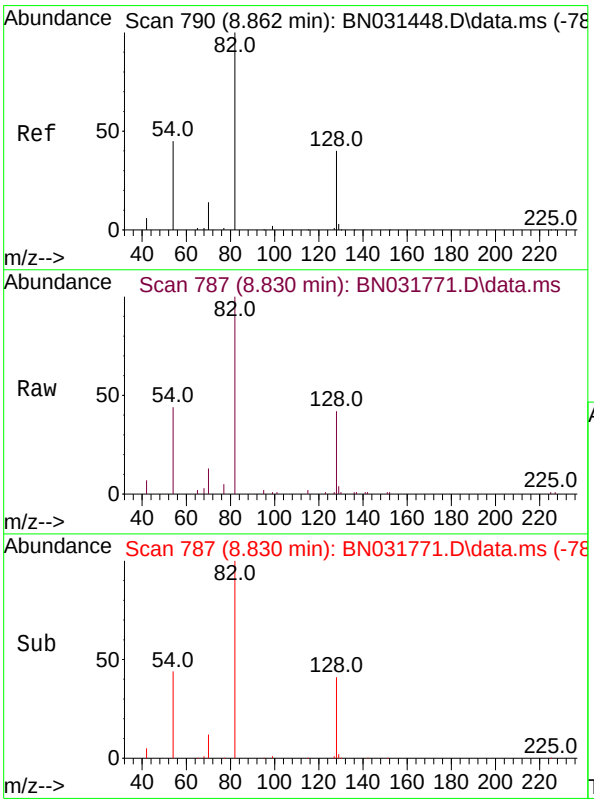
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 9
Delta R.T. -0.032 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 65384

Ion	Ratio	Lower	Upper
136	100		
137	11.1	10.1	15.1
54	6.2	10.5	15.7#
68	5.7	11.1	16.7#

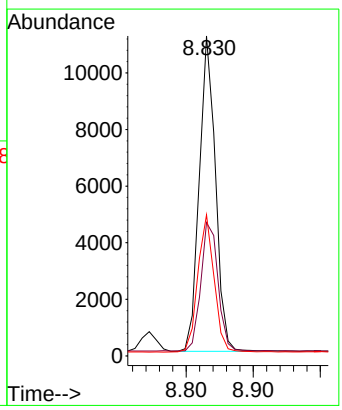


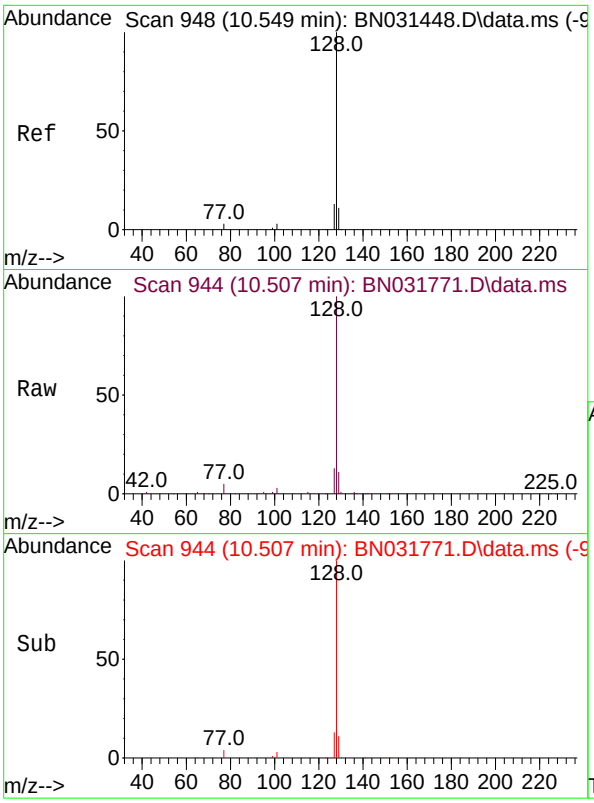


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.830 min Scan# 787
Delta R.T. -0.032 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion: 82 Resp: 18718

Ion	Ratio	Lower	Upper
82	100		
128	41.7	29.0	43.6
54	44.1	37.2	55.8



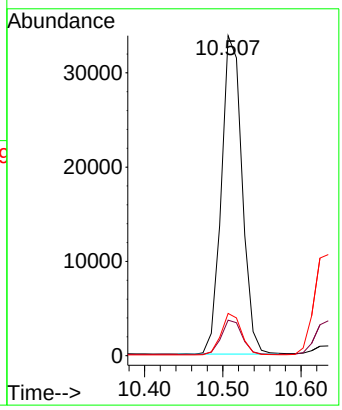


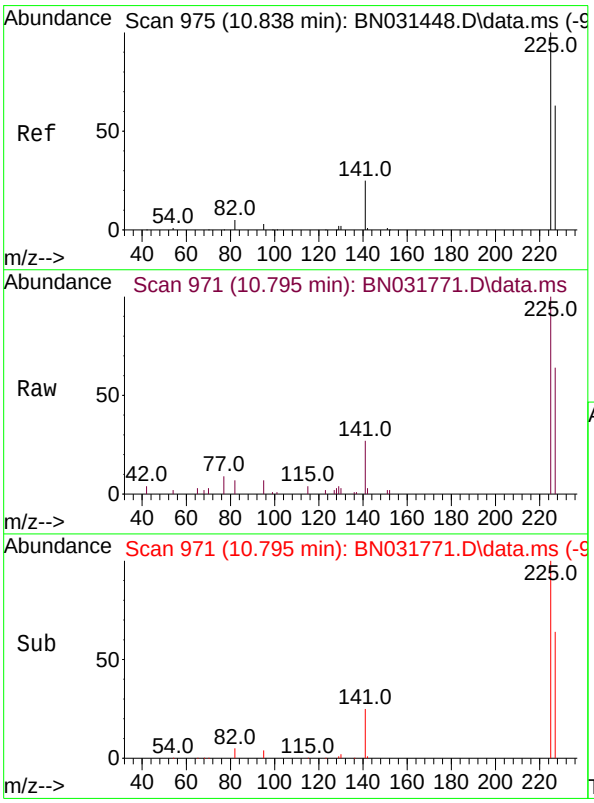
#9
Naphthalene
Concen: 0.341 ng
RT: 10.507 min Scan# 9
Delta R.T. -0.043 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 62021

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.2	15.4
127	13.2	11.7	17.5

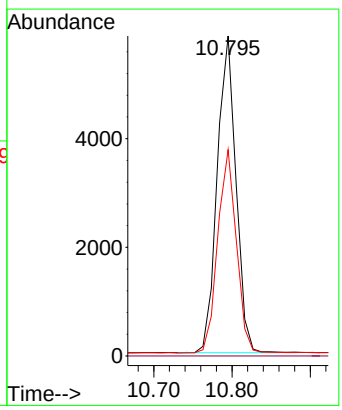


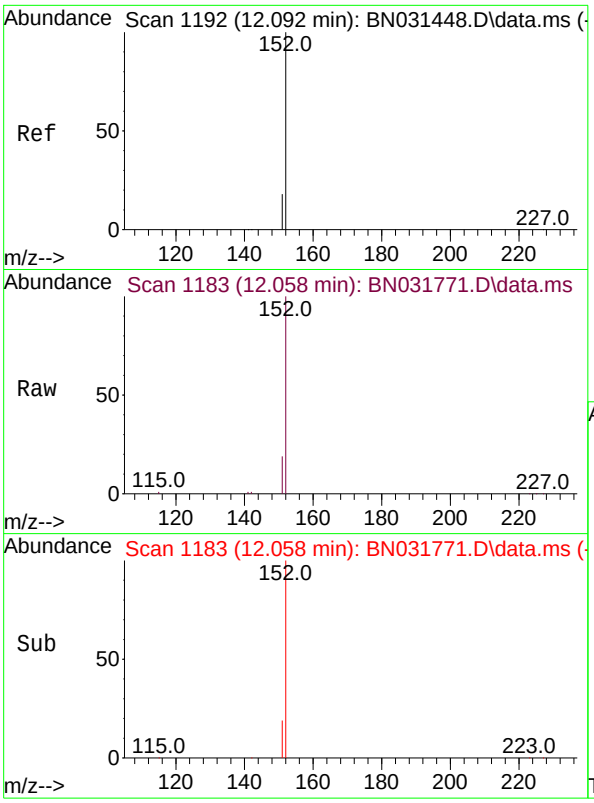


#10
Hexachlorobutadiene
Concen: 0.304 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.043 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:225 Resp: 9702

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.7	76.1



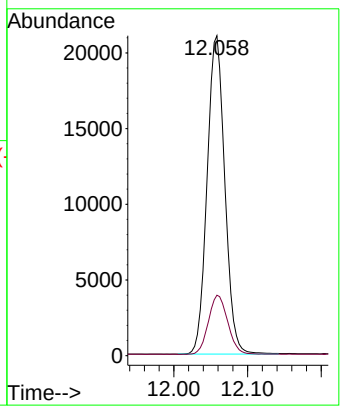


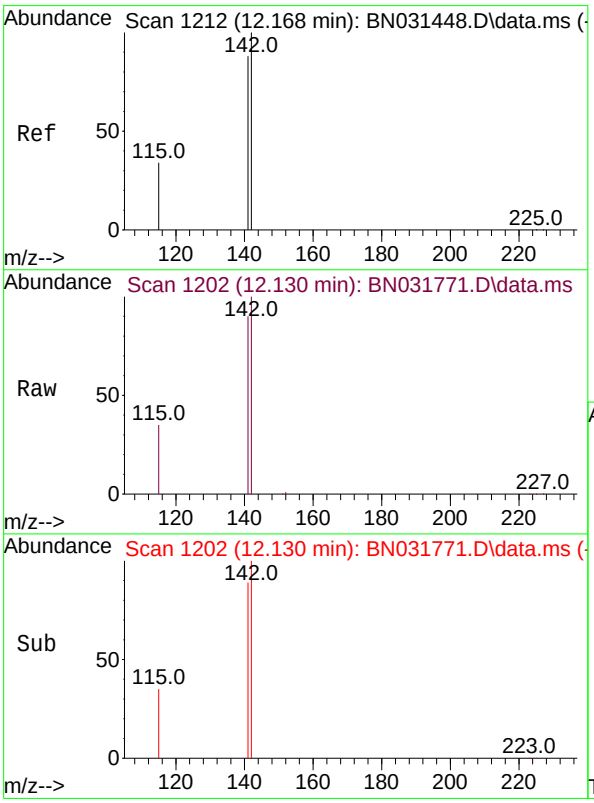
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.058 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 35128

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0

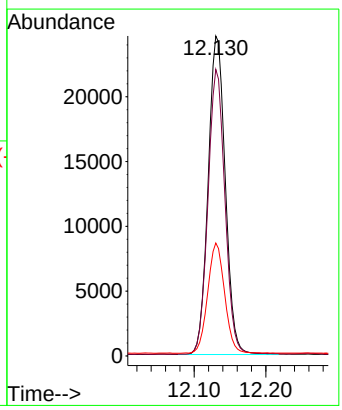


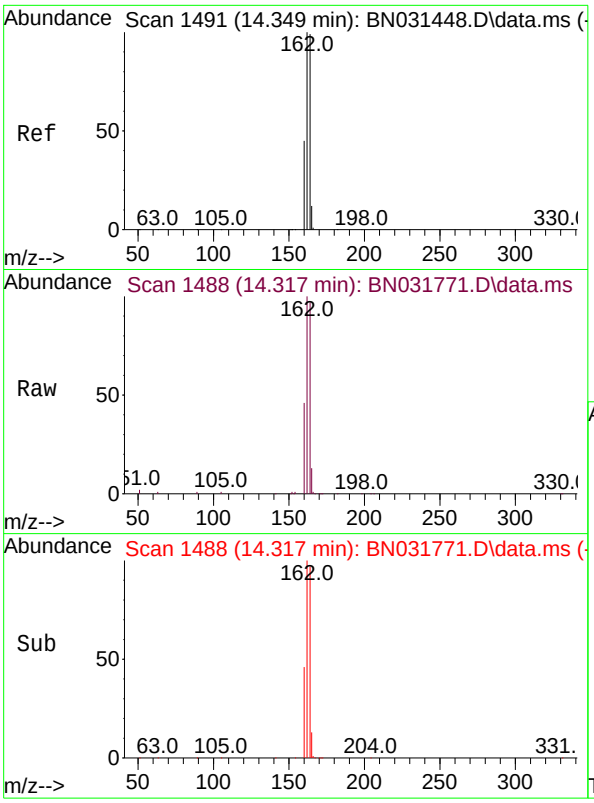


#12
2-Methylnaphthalene
Concen: 0.330 ng
RT: 12.130 min Scan# 1202
Delta R.T. -0.038 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:142 Resp: 40859

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	35.3	30.2	45.2



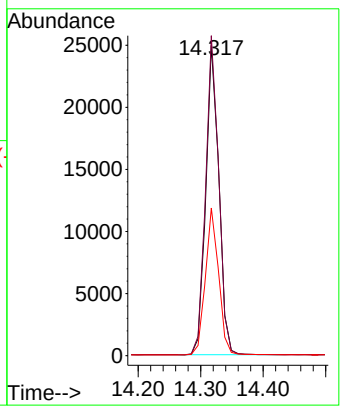


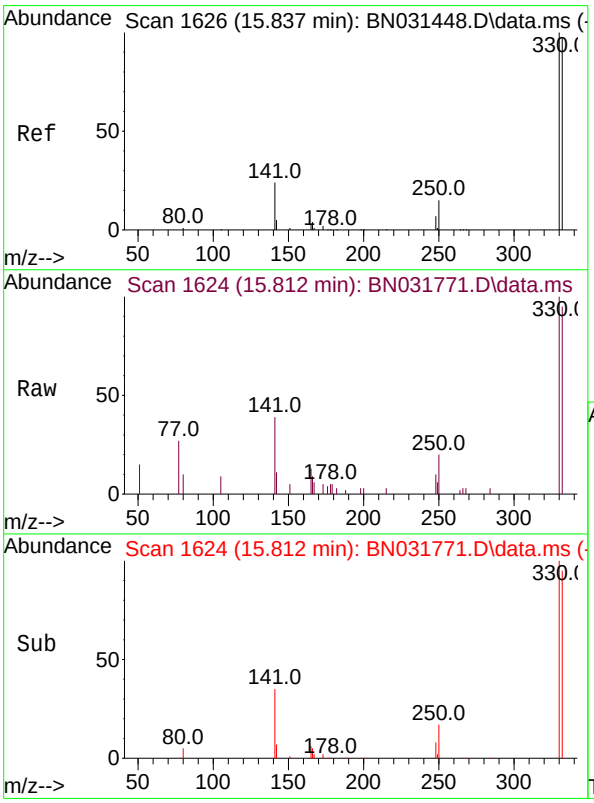
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.317 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 36170

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.2	121.8
160	47.6	37.0	55.6

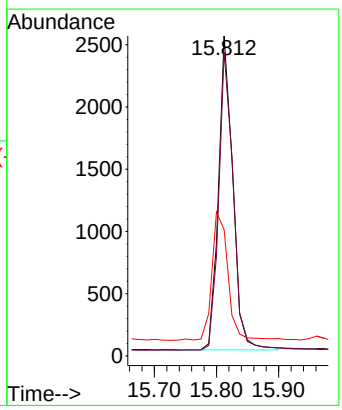


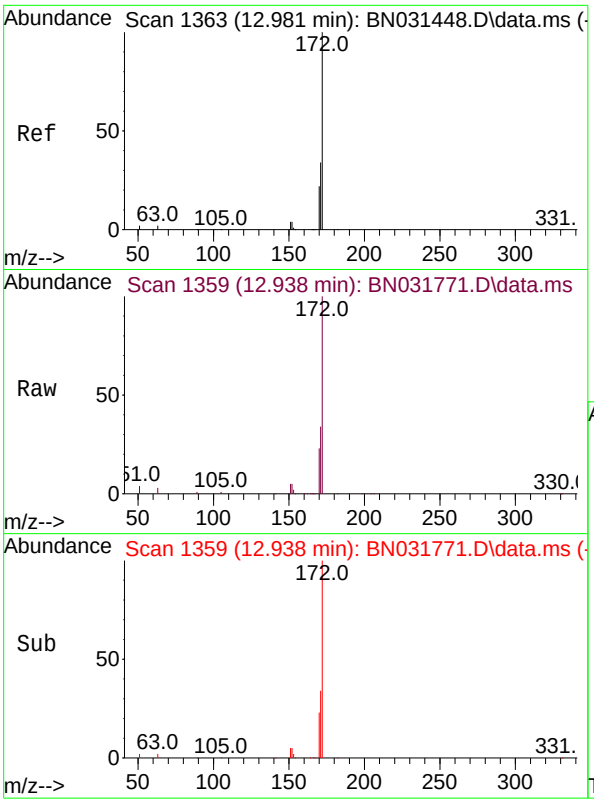


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.812 min Scan# 1624
Delta R.T. -0.025 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:330 Resp: 4037

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	45.6	37.0	55.4



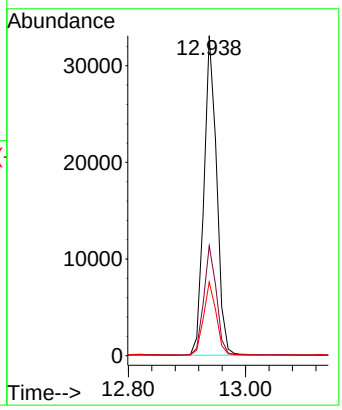


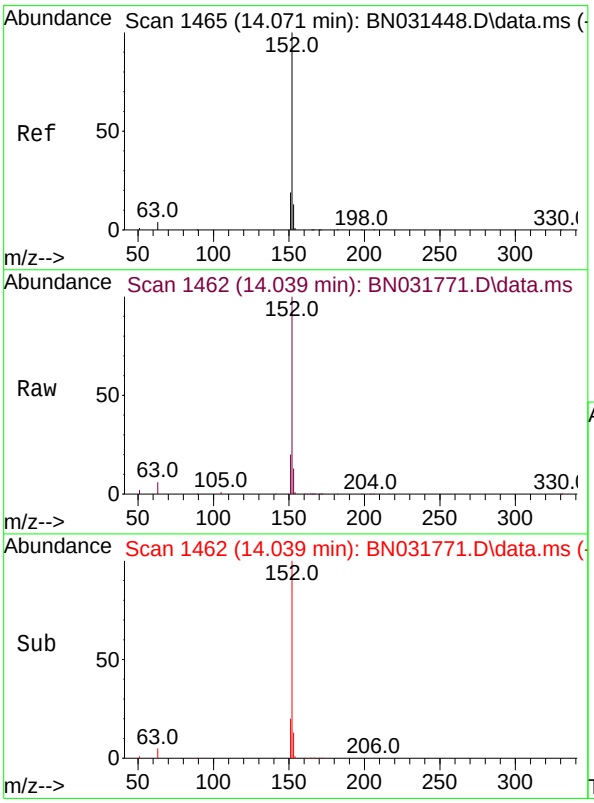
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.938 min Scan# 1
Delta R.T. -0.043 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 49852

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.0	18.3	27.5

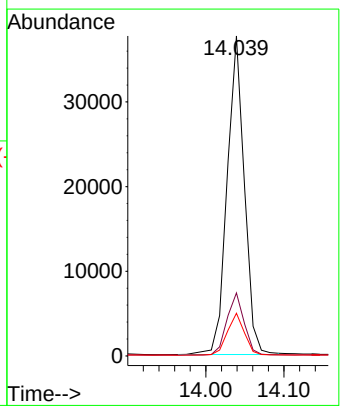


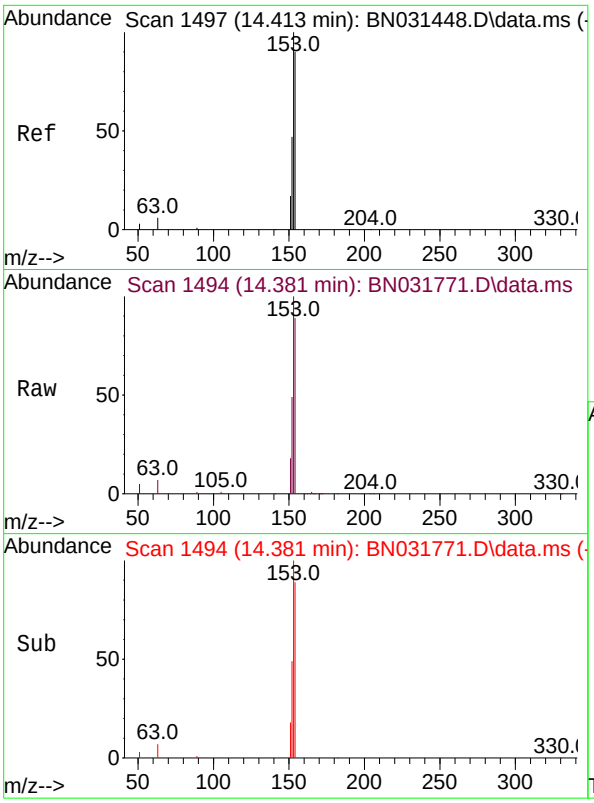


#16
Acenaphthylene
Concen: 0.317 ng
RT: 14.039 min Scan# 1462
Delta R.T. -0.032 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:152 Resp: 57677

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7



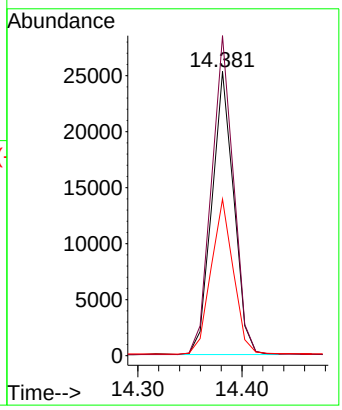


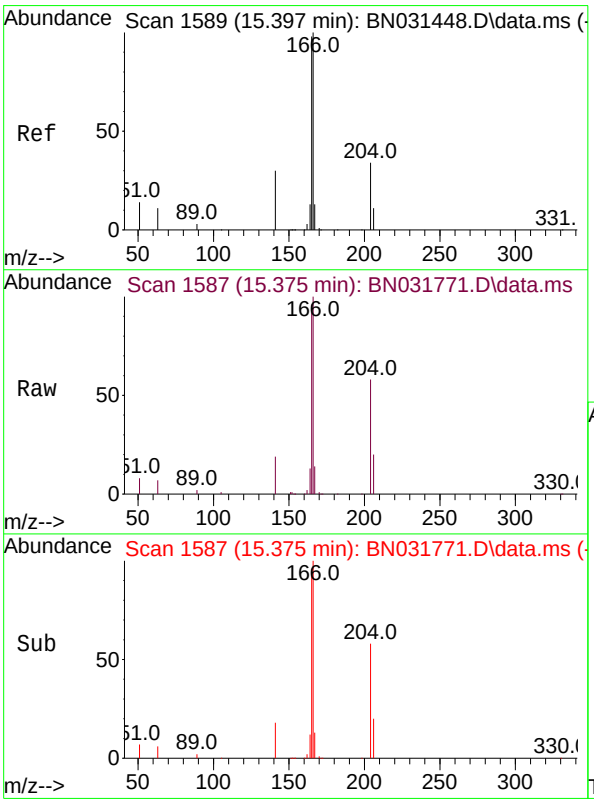
#17
Acenaphthene
Concen: 0.326 ng
RT: 14.381 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 37021

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.1	133.7
152	55.5	42.6	64.0

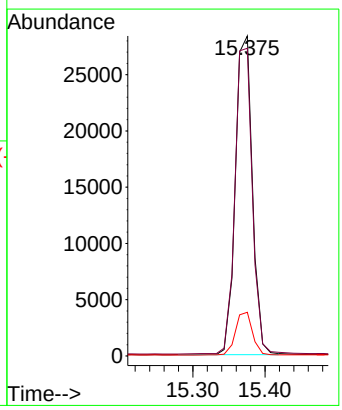


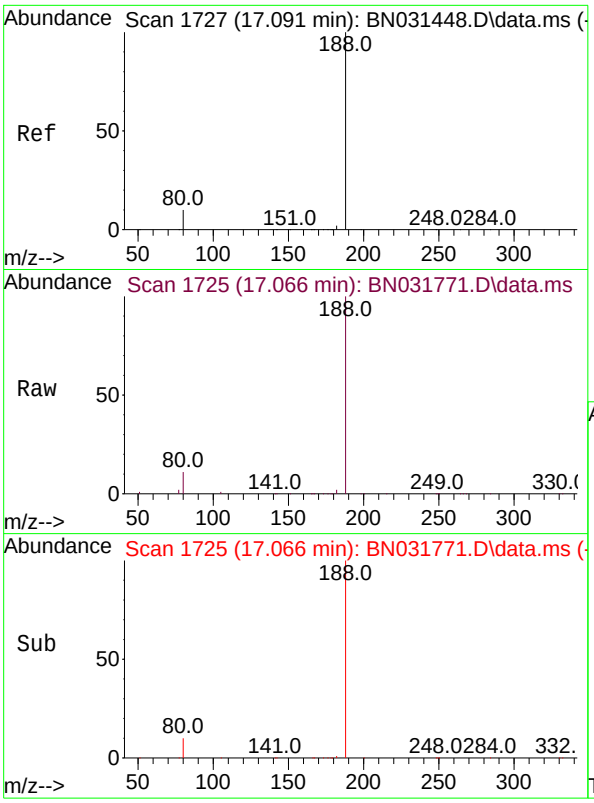


#18
Fluorene
Concen: 0.313 ng
RT: 15.375 min Scan# 1587
Delta R.T. -0.021 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:166 Resp: 46513

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	13.4	10.8	16.2





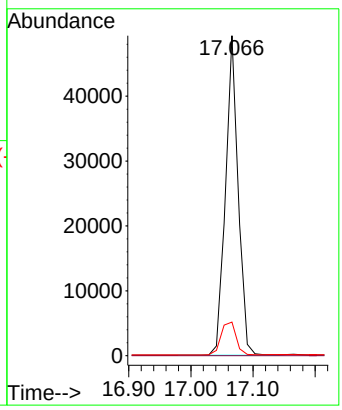
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1

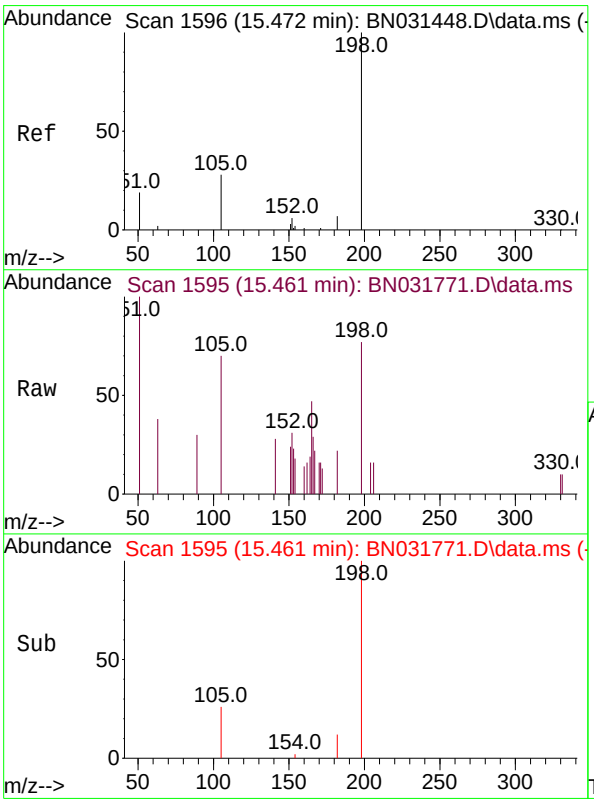
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.025 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:188 Resp: 69516

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	9.6	14.4

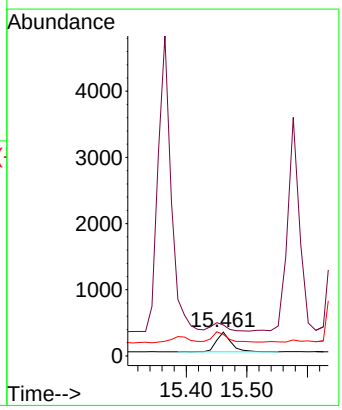


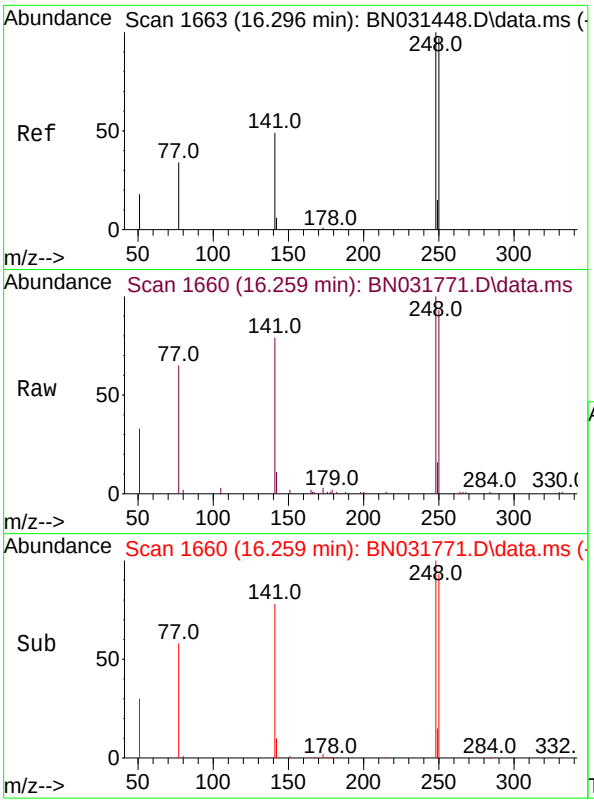


#20
4,6-Dinitro-2-methylphenol
Concen: 0.091 ng
RT: 15.461 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:198 Resp: 516

Ion	Ratio	Lower	Upper
198	100		
51	129.6	78.3	117.5#
105	90.3	117.2	175.8#



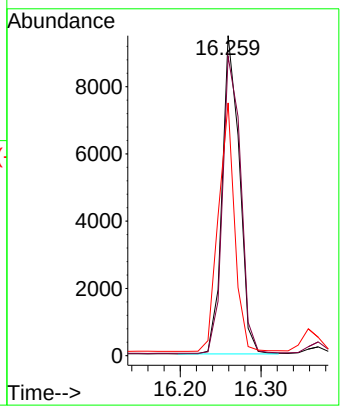


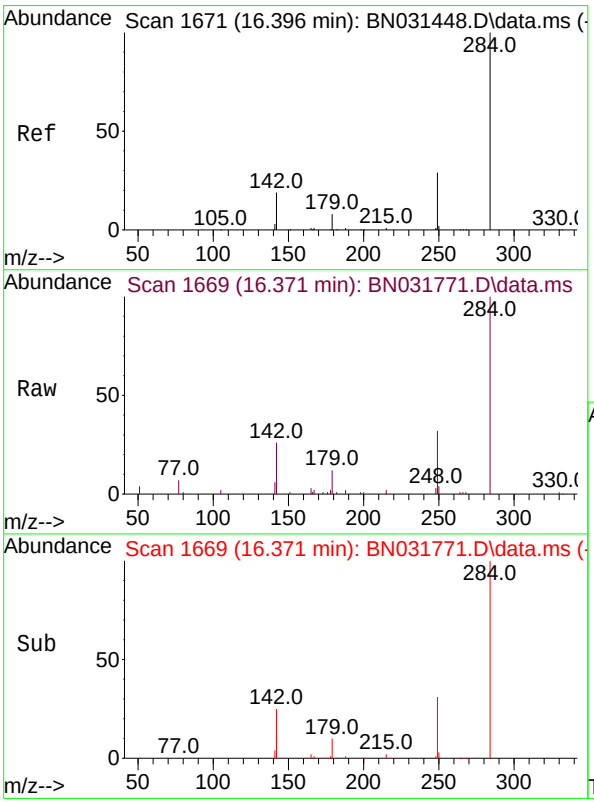
#21
4-Bromophenyl-phenylether
Concen: 0.345 ng
RT: 16.259 min Scan# 1(
Delta R.T. -0.037 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 14040

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.9	116.9
141	79.0	43.4	65.2#

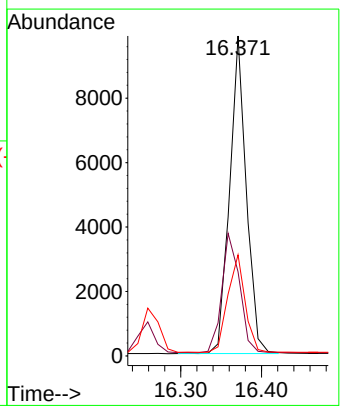


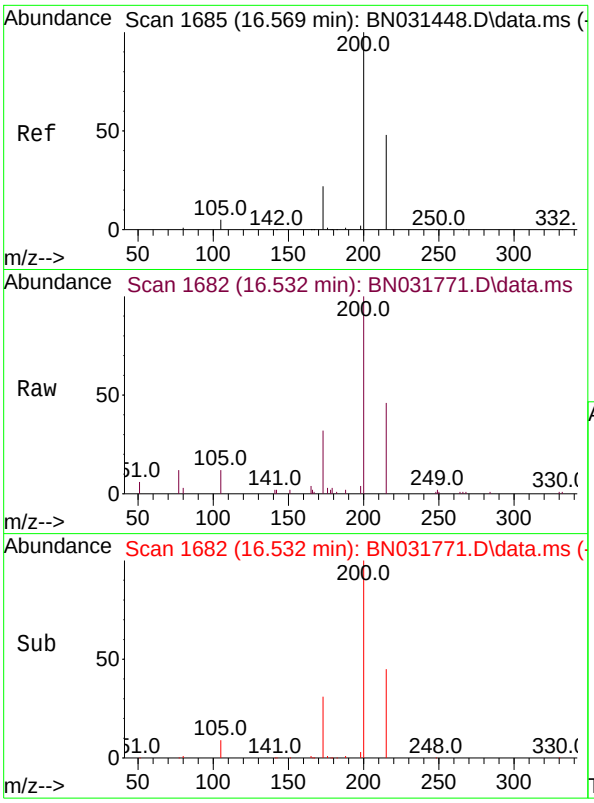


#22
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.371 min Scan# 1669
Delta R.T. -0.025 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:284 Resp: 14146

Ion	Ratio	Lower	Upper
284	100		
142	40.3	31.0	46.6
249	31.9	25.5	38.3



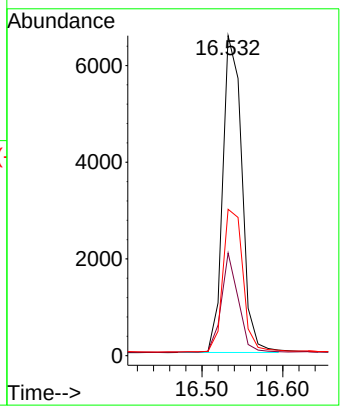


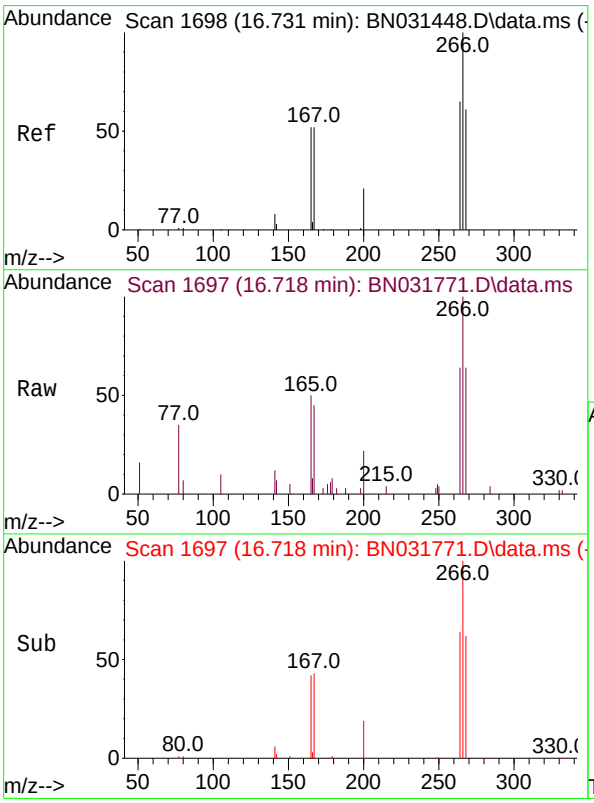
#23
Atrazine
Concen: 0.292 ng
RT: 16.532 min Scan# 1(
Delta R.T. -0.037 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 10795

Ion	Ratio	Lower	Upper
200	100		
173	32.1	19.6	29.4#
215	45.7	39.8	59.8

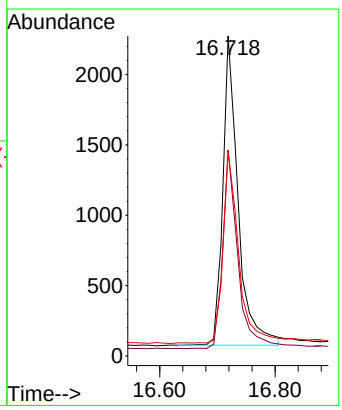


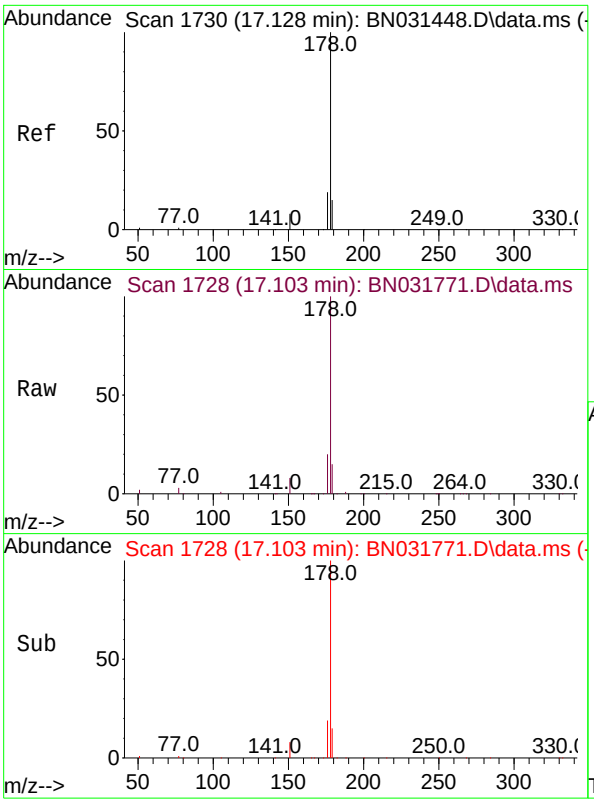


#24
Pentachlorophenol
Concen: 0.279 ng
RT: 16.718 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:266 Resp: 4055

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.6	75.8
268	62.9	49.0	73.4



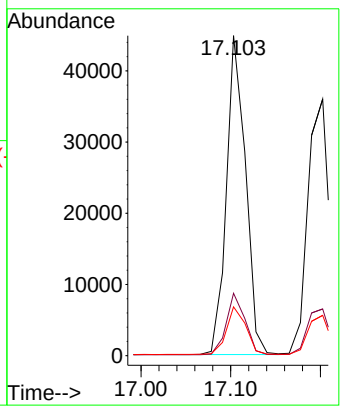


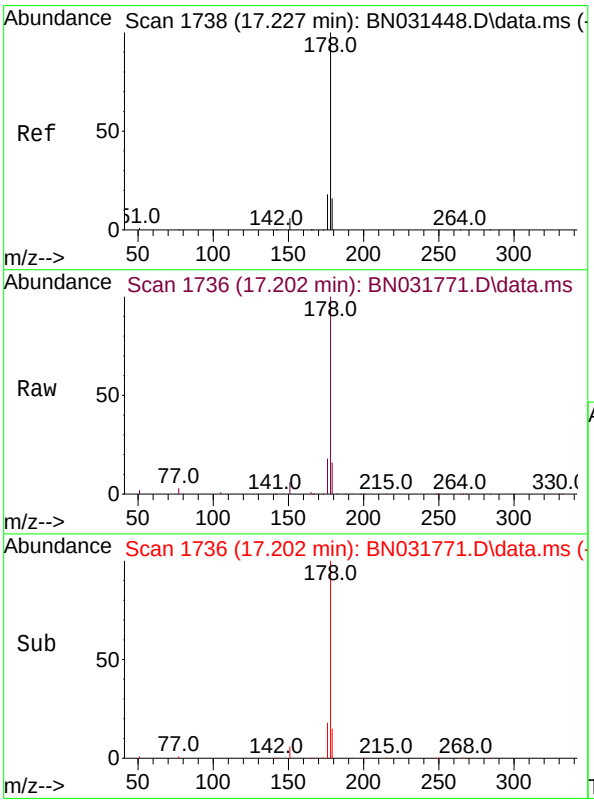
#25
Phenanthrene
Concen: 0.340 ng
RT: 17.103 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 66234

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.3	18.5

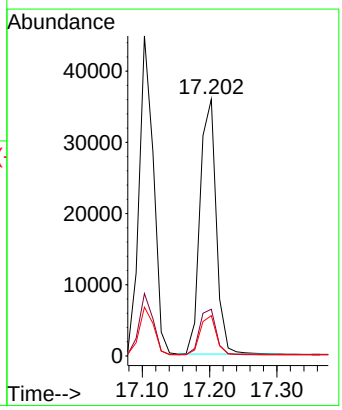


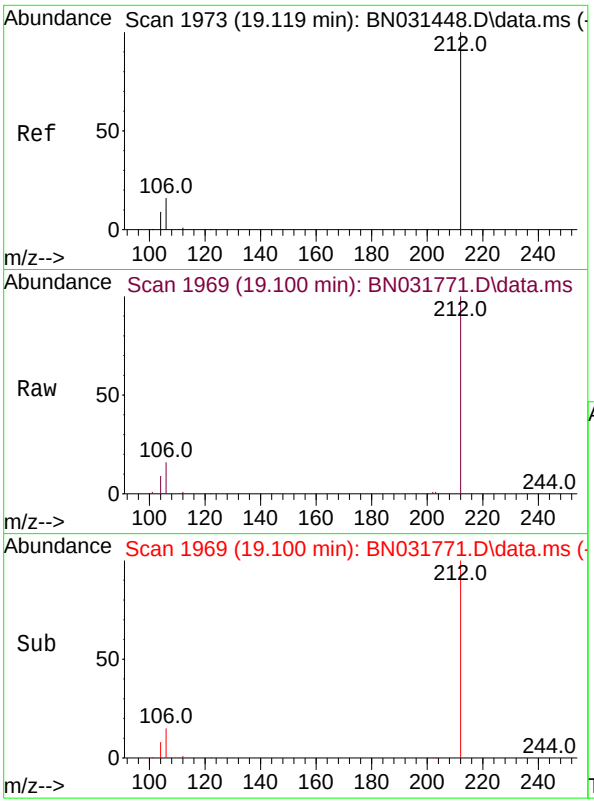


#26
Anthracene
Concen: 0.310 ng
RT: 17.202 min Scan# 1736
Delta R.T. -0.025 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:178 Resp: 59744

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.4	12.4	18.6





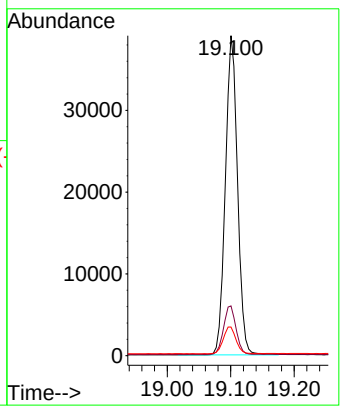
#27
Fluoranthene-d10
Concen: 0.269 ng
RT: 19.100 min Scan# 1

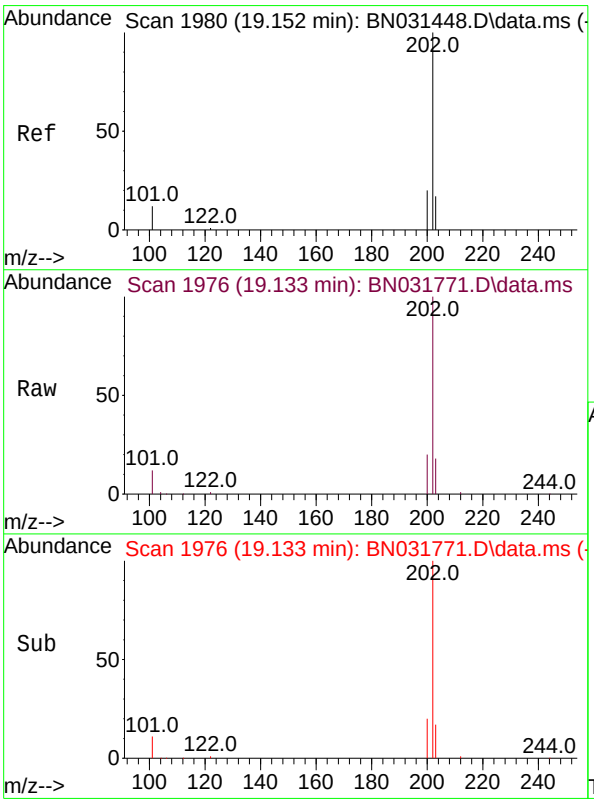
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.019 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:212 Resp: 51942

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.0	18.0
104	8.8	6.9	10.3

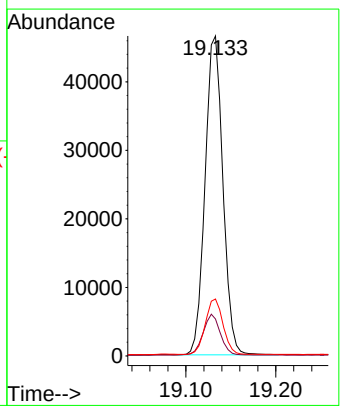


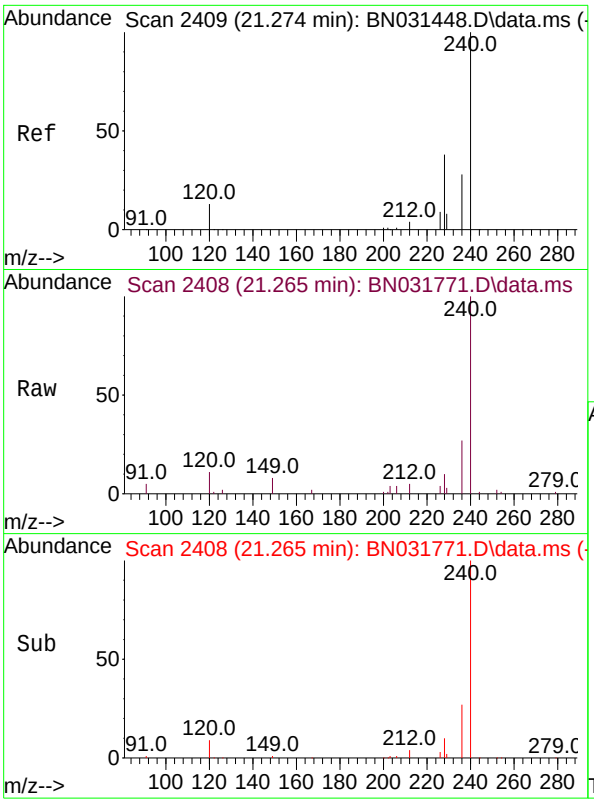


#28
Fluoranthene
Concen: 0.271 ng
RT: 19.133 min Scan# 1976
Delta R.T. -0.019 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:202 Resp: 64134

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.8	14.6
203	17.2	13.8	20.8



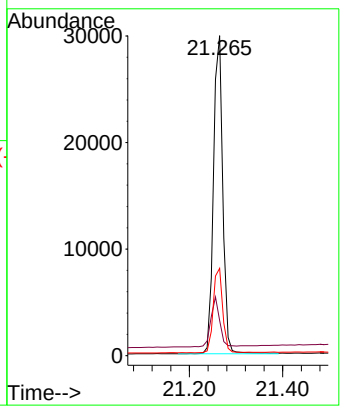


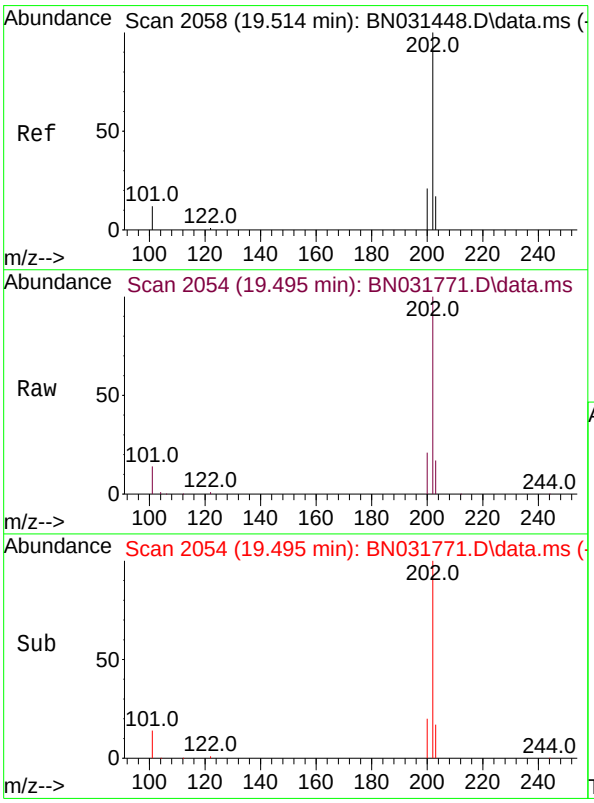
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 41379

Ion	Ratio	Lower	Upper
240	100		
120	11.0	11.4	17.2#
236	27.3	22.2	33.4

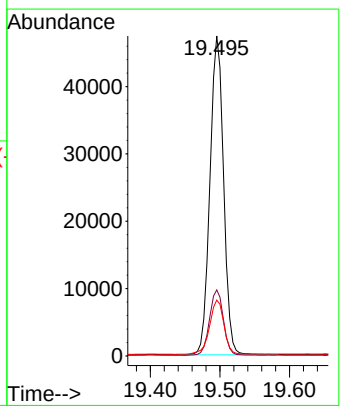


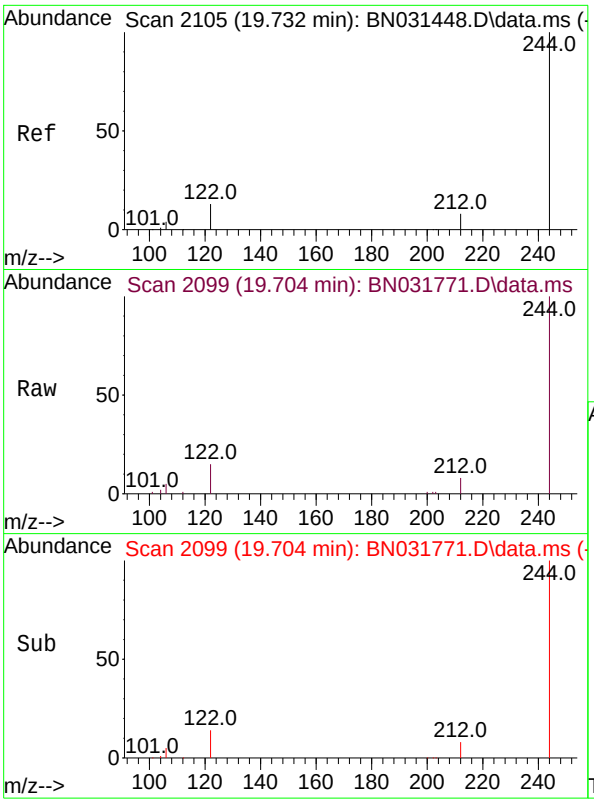


#30
Pyrene
Concen: 0.385 ng
RT: 19.495 min Scan# 2054
Delta R.T. -0.019 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:202 Resp: 64541

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	14.3	21.5



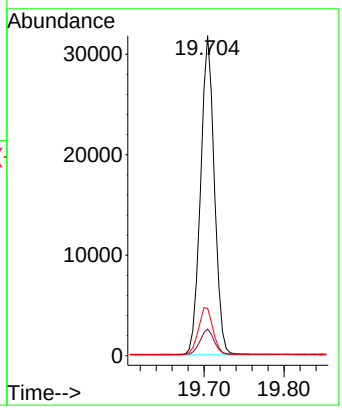


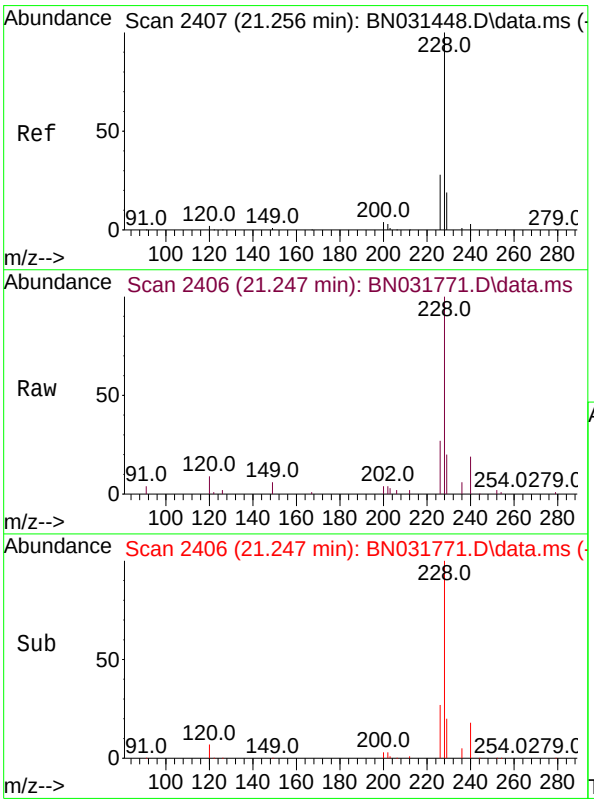
#31
Terphenyl-d14
Concen: 0.377 ng
RT: 19.704 min Scan# 2
Delta R.T. -0.028 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 38152

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	14.8	11.4	17.2

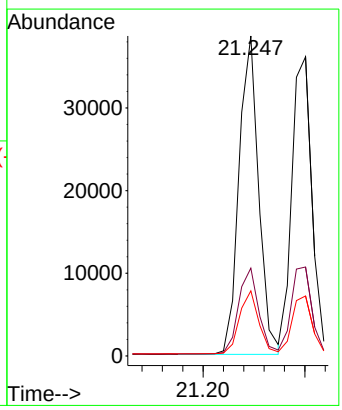


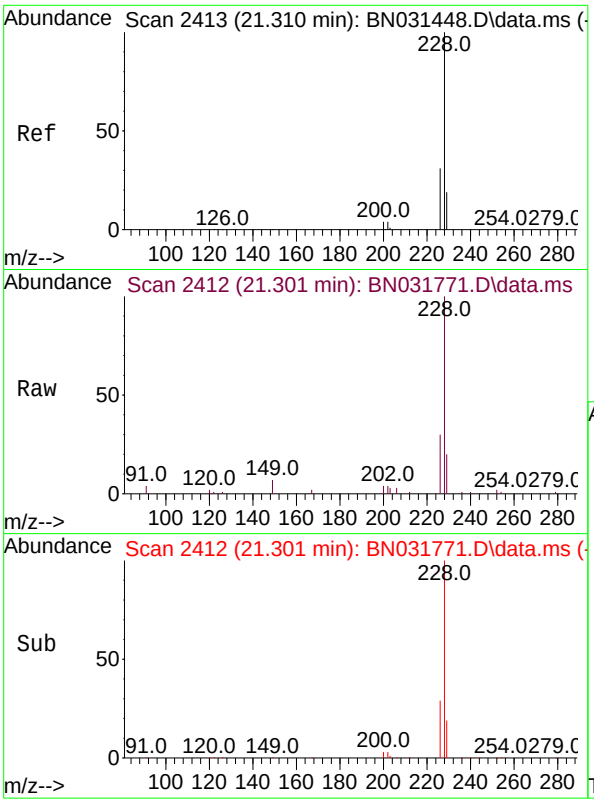


#32
Benzo(a)anthracene
Concen: 0.323 ng
RT: 21.247 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:228 Resp: 51505

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	20.3	15.5	23.3



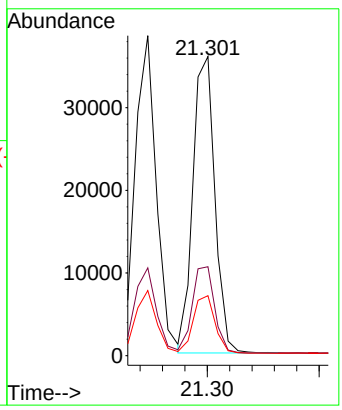


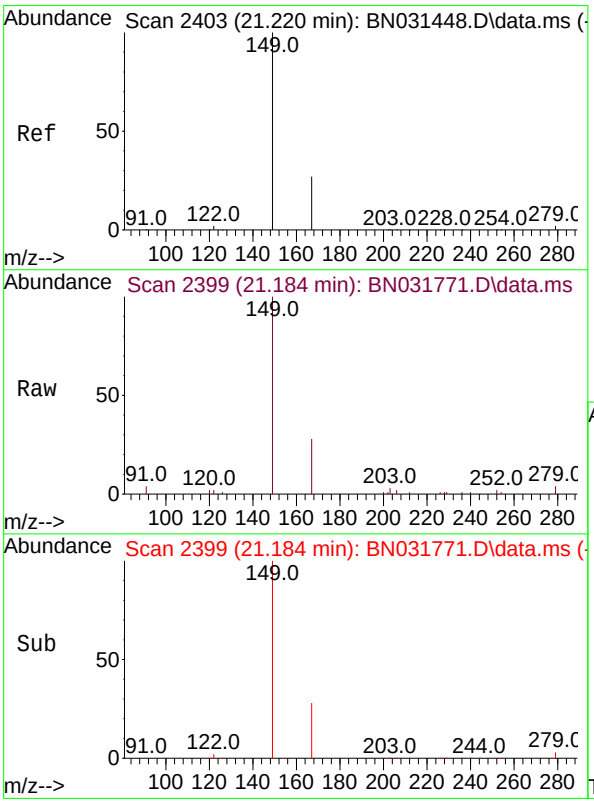
#33
Chrysene
Concen: 0.322 ng
RT: 21.301 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 48954

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	20.1	15.8	23.8

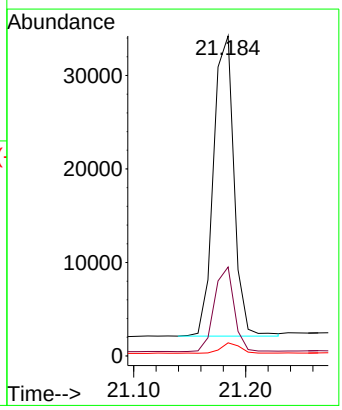


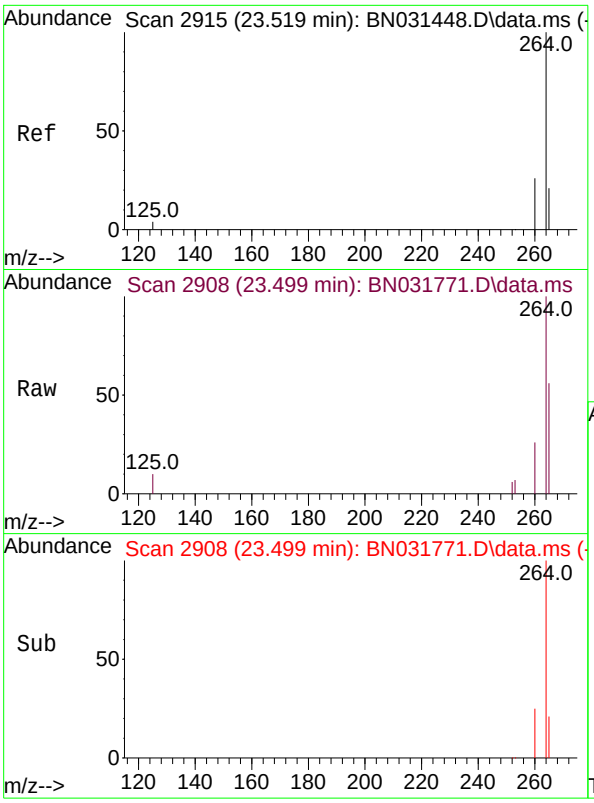


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.437 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.036 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:149 Resp: 40798

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	3.3	2.7	4.1



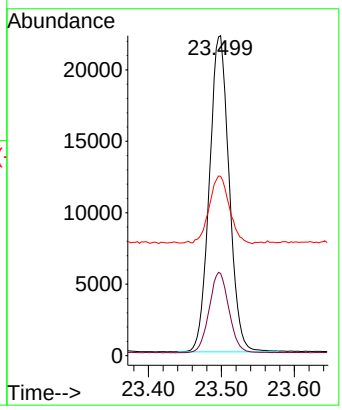


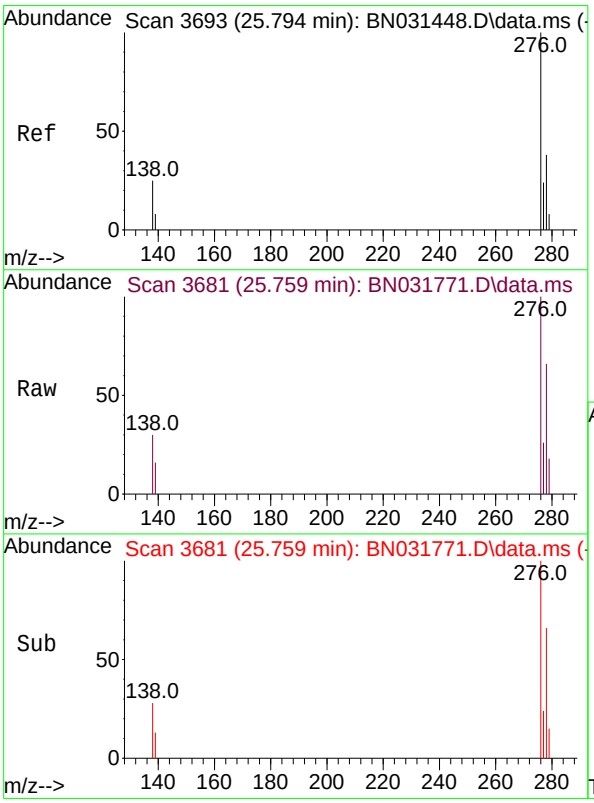
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 41707

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	31.0
265	56.0	24.0	36.0#

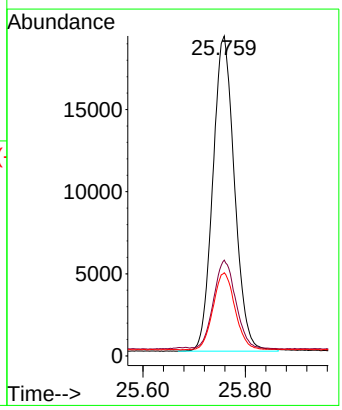


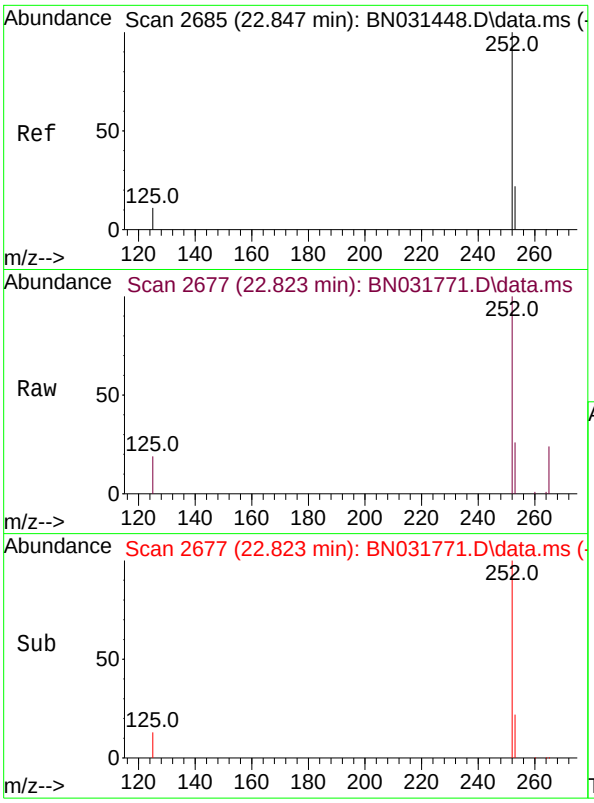


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 25.759 min Scan# 3681
Delta R.T. -0.035 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:276 Resp: 56234

Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.0	34.6
277	24.6	19.9	29.9



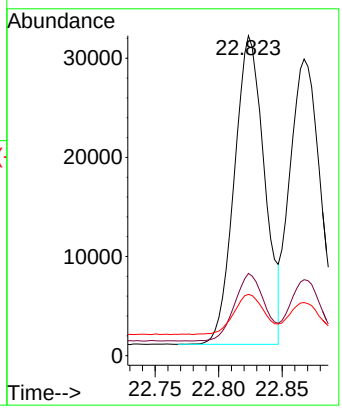


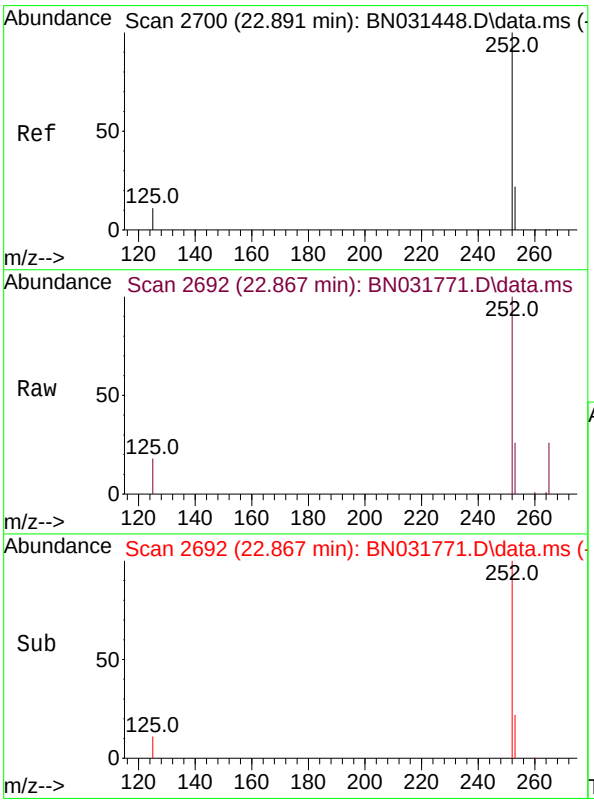
#37
Benzo(b)fluoranthene
Concen: 0.343 ng
RT: 22.823 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 51402

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	19.1	10.5	15.7#

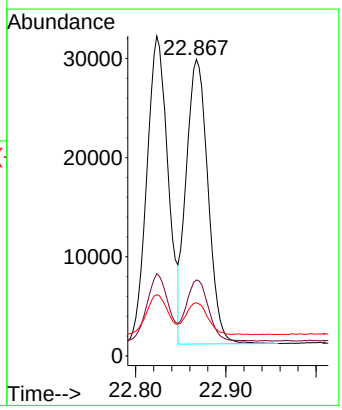


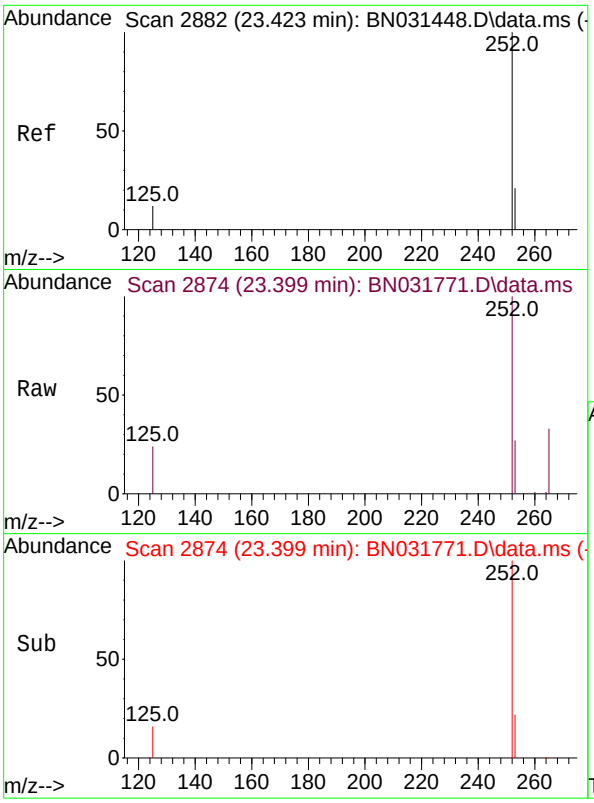


#38
Benzo(k)fluoranthene
Concen: 0.340 ng
RT: 22.867 min Scan# 2692
Delta R.T. -0.023 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:252 Resp: 48222

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.2
125	17.9	11.0	16.6#



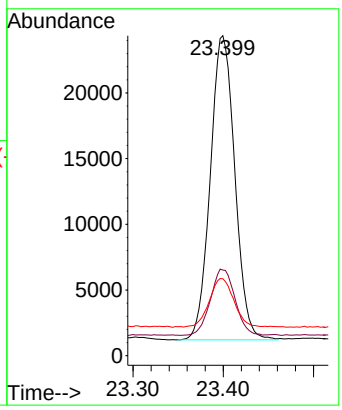


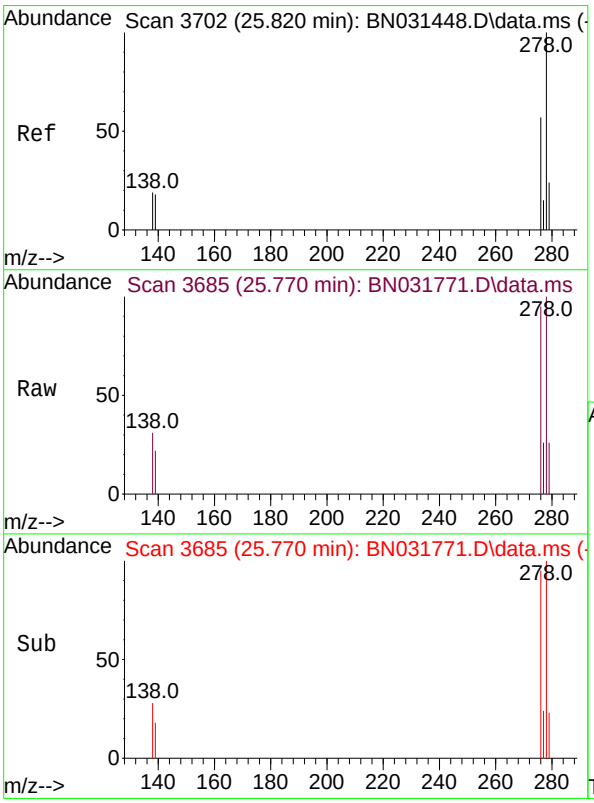
#39
Benzo(a)pyrene
Concen: 0.336 ng
RT: 23.399 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 43779

Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.2	27.2
125	24.1	11.9	17.9#

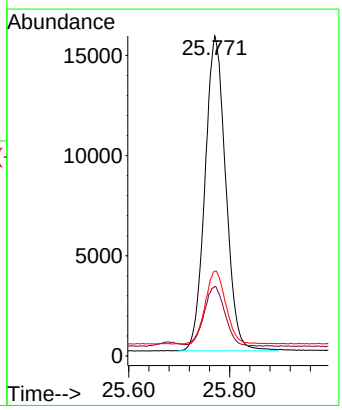


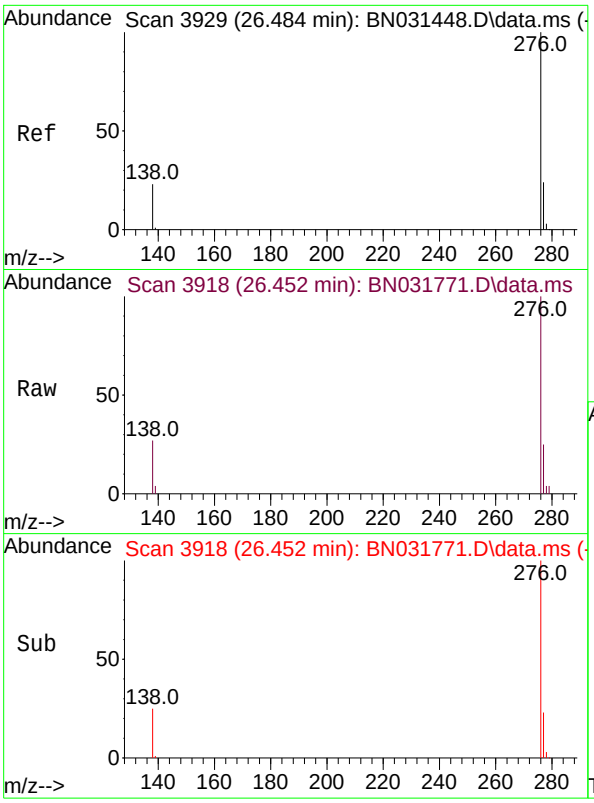


#40
Dibenzo(a,h)anthracene
Concen: 0.341 ng
RT: 25.770 min Scan# 3685
Delta R.T. -0.050 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Tgt Ion:278 Resp: 44870

Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	26.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.341 ng
RT: 26.452 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN031771.D
Acq: 04 Jun 2024 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 48303

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.0
138	27.1	20.4	30.6