Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030771.D
Acq On : 08 Apr 2024 16:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 08 17:10:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	4518	0.400	ng		-0.01
7) Naphthalene-d8	10.464	136	14472	0.400	ng		-0.02
13) Acenaphthene-d10	14.327	164	9036	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	21324	0.400	ng		-0.01
29) Chrysene-d12	21.267	240	18740	0.400	ng		#-0.02
35) Perylene-d12	23.507	264	16660	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	3911	0.398	ng		-0.01
5) Phenol-d6	6.859	99	4819	0.381	ng		-0.01
8) Nitrobenzene-d5	8.841	82	3633	0.357	ng		-0.01
11) 2-Methylnaphthalene-d10	12.062	152	8857	0.400	ng		-0.02
14) 2,4,6-Tribromophenol	15.824	330	1330	0.390	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	12518	0.358	ng		-0.02
27) Fluoranthene-d10	19.107	212	21850	0.380	ng		-0.02
31) Terphenyl-d14	19.716	244	16567	0.383	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	1943	0.356	ng		96
3) n-Nitrosodimethylamine	3.537	42	1927	0.366	ng		100
6) bis(2-Chloroethyl)ether	7.119	93	4653	0.373	ng		99
9) Naphthalene	10.517	128	15543	0.388	ng		99
10) Hexachlorobutadiene	10.795	225	3180	0.388	ng	#	99
12) 2-Methylnaphthalene	12.134	142	10539	0.400	ng		98
16) Acenaphthylene	14.038	152	14483	0.354	ng		100
17) Acenaphthene	14.391	154	10481	0.370	ng		99
18) Fluorene	15.375	166	14155	0.384	ng		100
20) 4,6-Dinitro-2-methylph...	15.460	198	585	0.350	ng	#	57
21) 4-Bromophenyl-phenylether	16.271	248	4665	0.362	ng	#	84
22) Hexachlorobenzene	16.370	284	5930	0.386	ng		98
23) Atrazine	16.544	200	3136	0.335	ng		97
24) Pentachlorophenol	16.730	266	1751	0.447	ng		98
25) Phenanthrene	17.115	178	23783	0.376	ng		100
26) Anthracene	17.202	178	18206	0.343	ng		100
28) Fluoranthene	19.140	202	28333	0.377	ng		100
30) Pyrene	19.502	202	28895	0.394	ng		100
32) Benzo(a)anthracene	21.258	228	24681	0.372	ng		98
33) Chrysene	21.303	228	25829	0.363	ng		100
34) Bis(2-ethylhexyl)phtha...	21.187	149	11986	0.416	ng		99
36) Indeno(1,2,3-cd)pyrene	25.764	276	23571	0.320	ng		99
37) Benzo(b)fluoranthene	22.831	252	26246	0.387	ng		98
38) Benzo(k)fluoranthene	22.875	252	25023	0.368	ng		97
39) Benzo(a)pyrene	23.407	252	20584	0.379	ng	#	95
40) Dibenzo(a,h)anthracene	25.781	278	18360	0.314	ng		98
41) Benzo(g,h,i)perylene	26.457	276	20751	0.330	ng		100

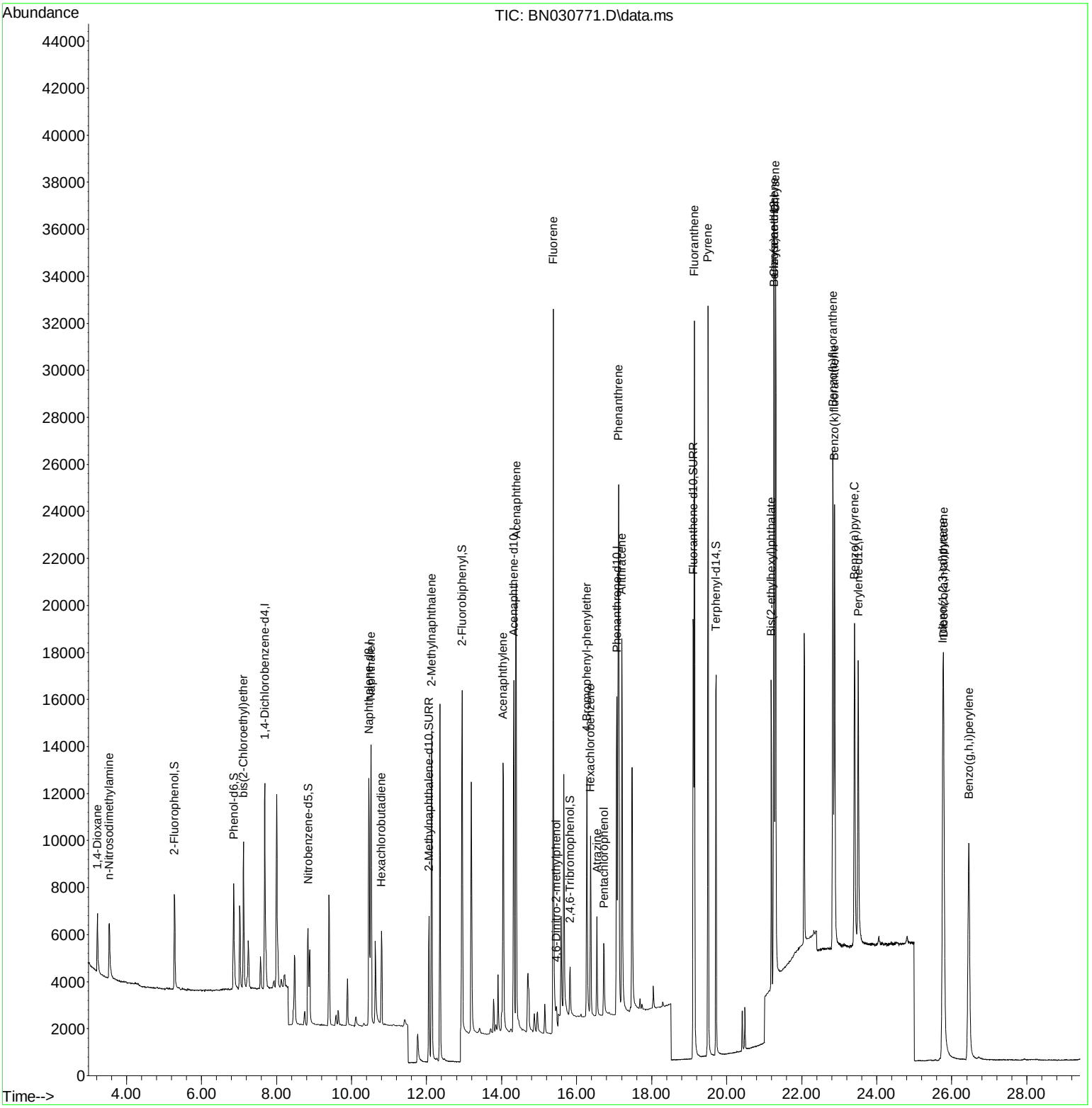
(#) = qualifier out of range (m) = manual integration (+) = signals summed

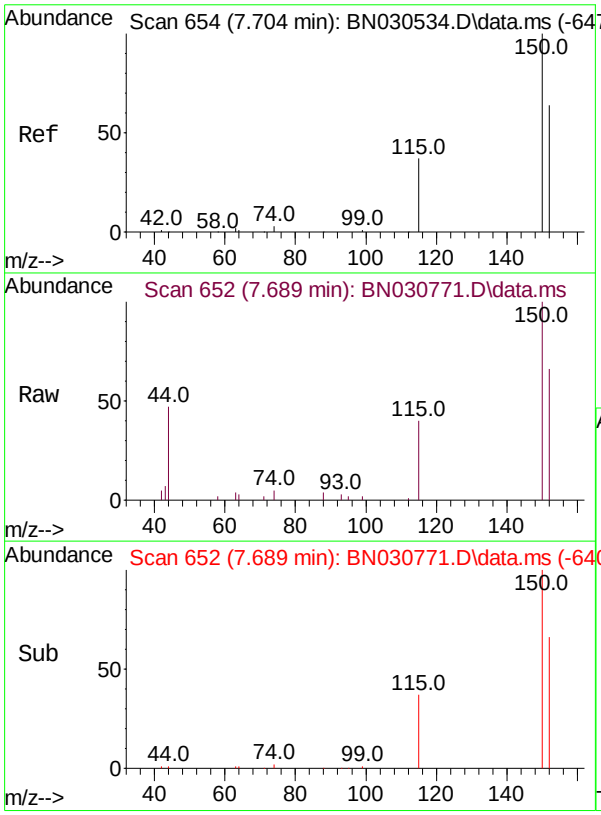
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030771.D
Acq On : 08 Apr 2024 16:35
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 08 17:10:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration



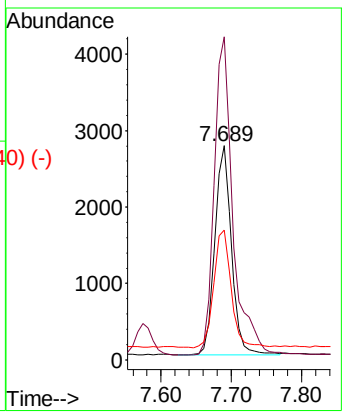


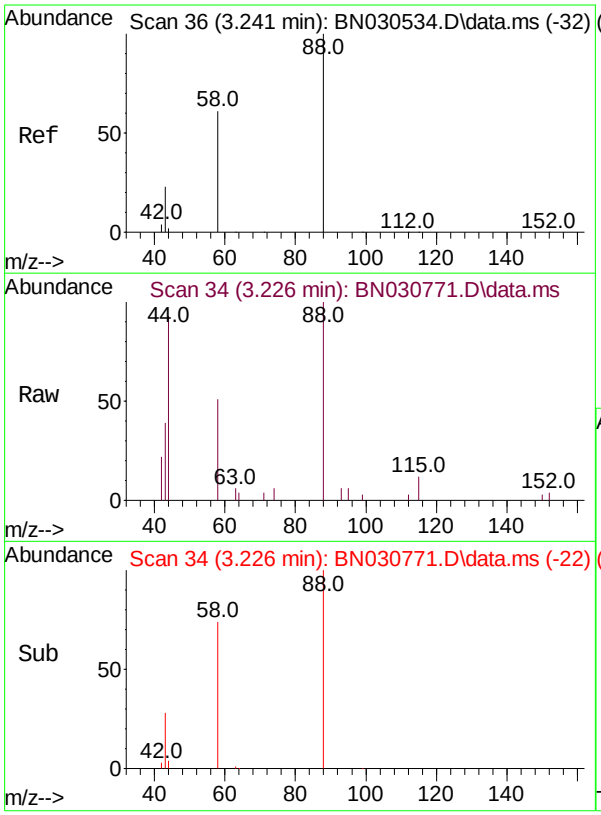
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4518

Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.2	186.4
115	60.5	48.6	72.8

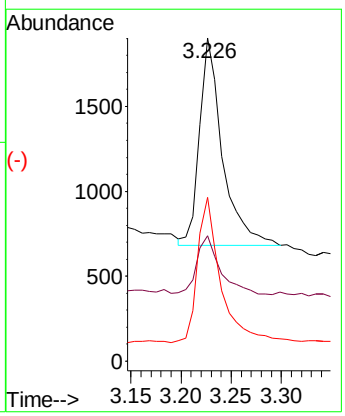


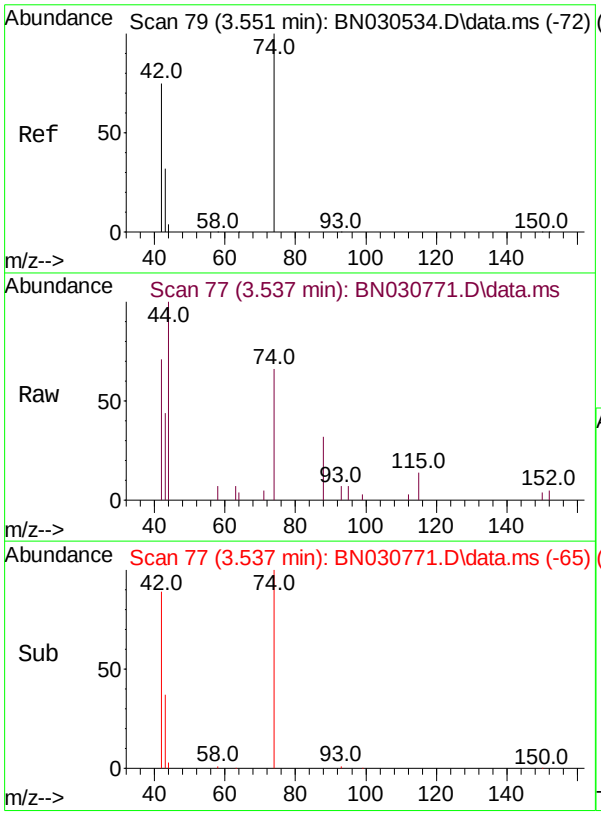


#2
1,4-Dioxane
Concen: 0.356 ng
RT: 3.226 min Scan# 34
Delta R.T. -0.014 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion: 88 Resp: 1943

Ion	Ratio	Lower	Upper
88	100		
43	29.1	21.9	32.9
58	70.5	53.4	80.2



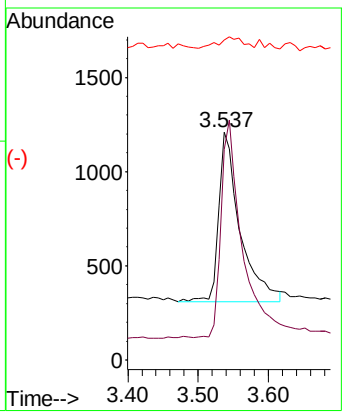


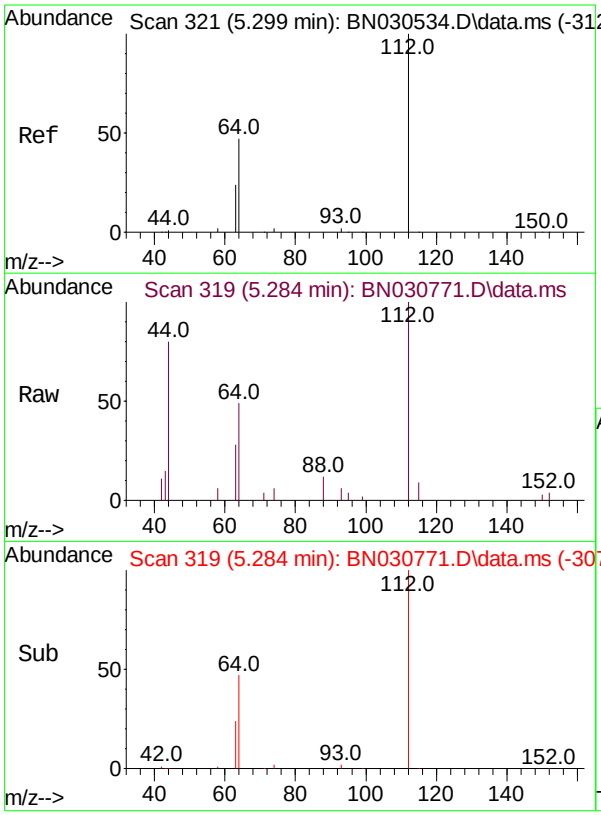
#3
n-Nitrosodimethylamine
Concen: 0.366 ng
RT: 3.537 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1927

Ion	Ratio	Lower	Upper
42	100		
74	125.7	100.9	151.3
44	8.2	5.8	8.6

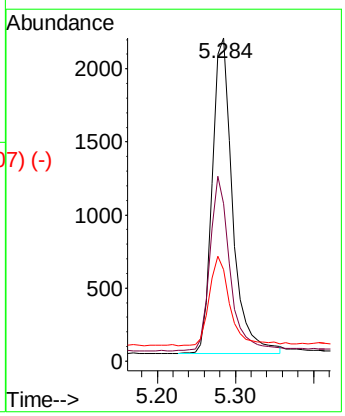


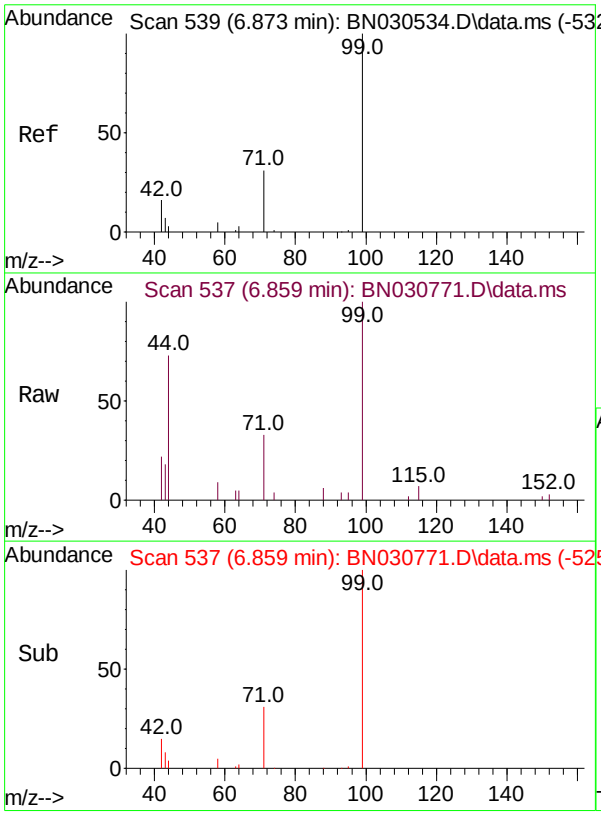


#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:112 Resp: 3911

Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.2	64.8
63	28.3	22.5	33.7



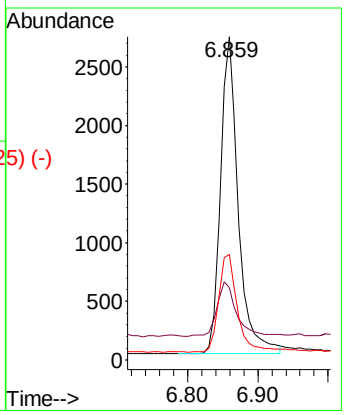


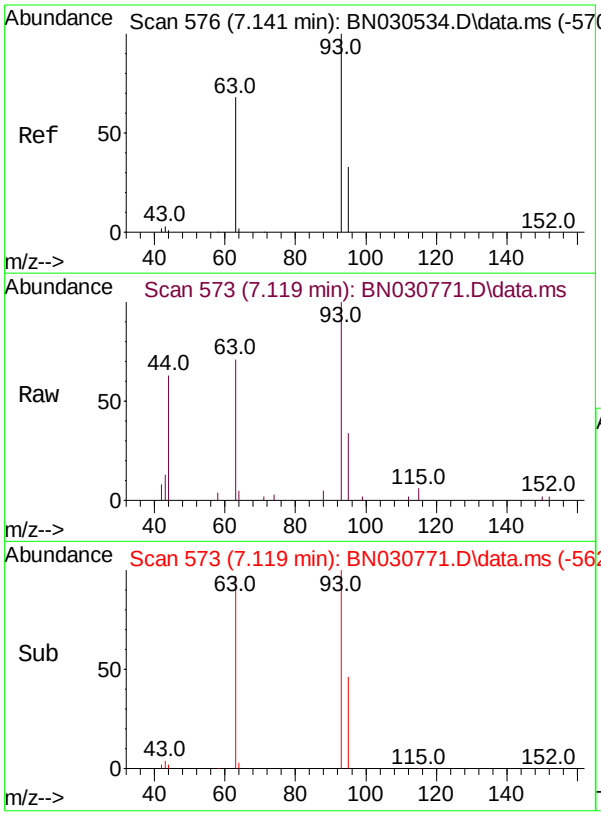
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.859 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4819

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.8	23.6
71	32.3	25.9	38.9

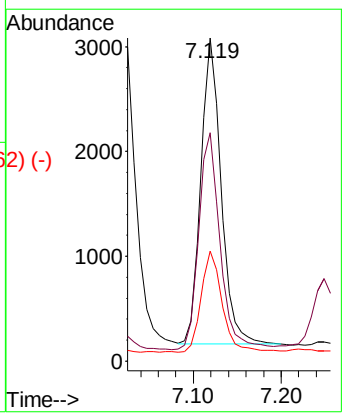


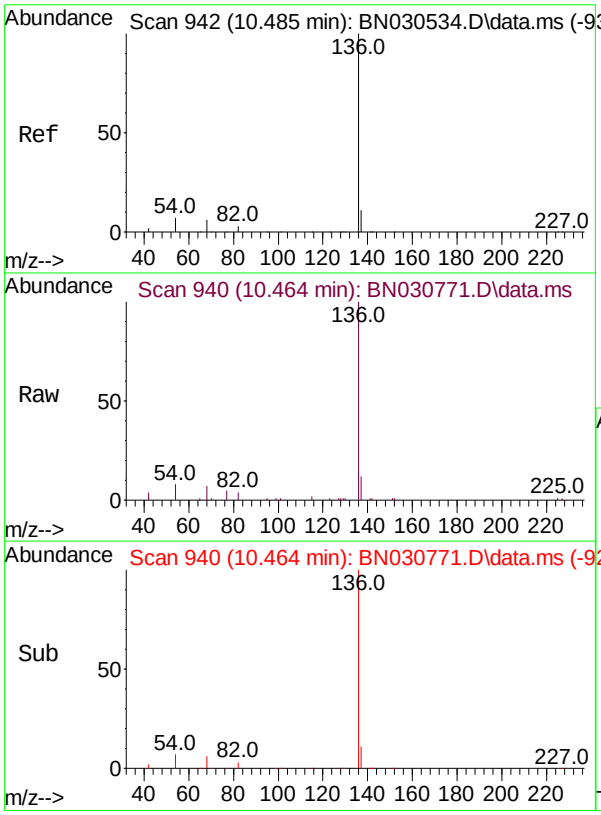


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 7.119 min Scan# 573
Delta R.T. -0.022 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion: 93 Resp: 4653

Ion	Ratio	Lower	Upper
93	100		
63	74.6	60.5	90.7
95	34.5	27.5	41.3



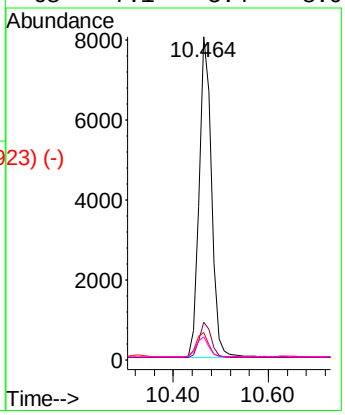


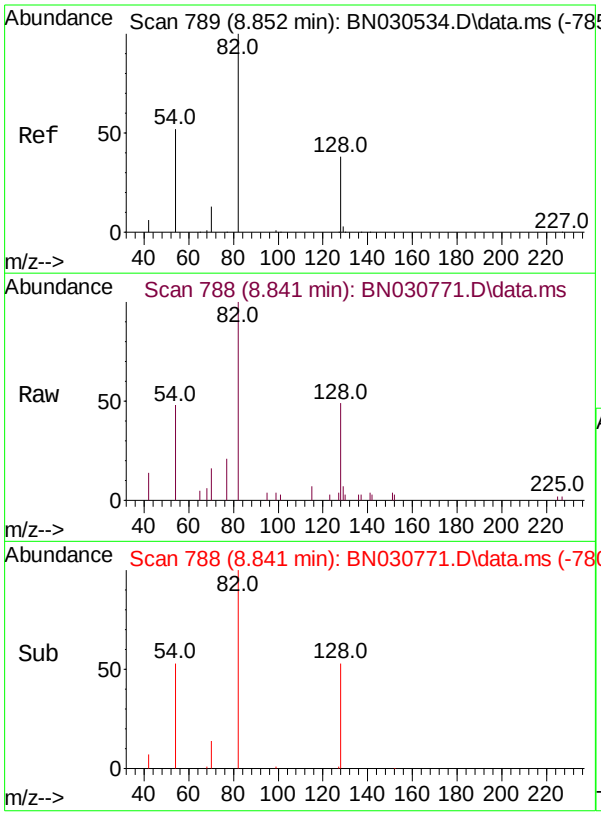
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.464 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14472

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.4	6.4	9.6
68	7.1	5.4	8.0

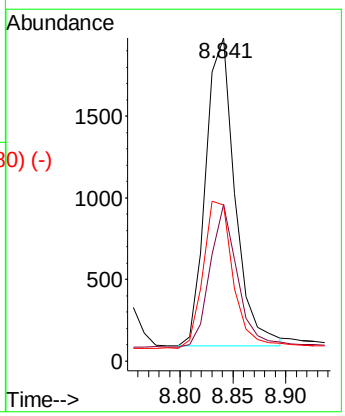


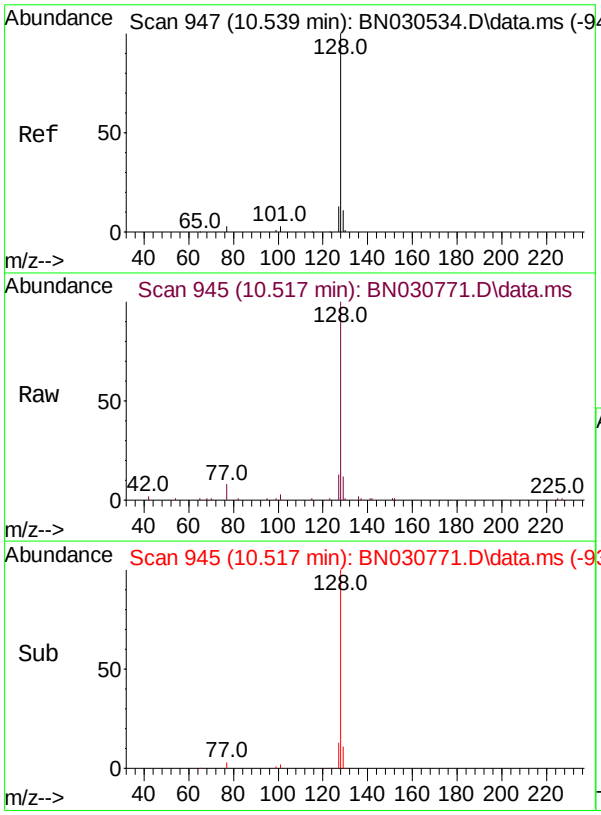


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.841 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion: 82 Resp: 3633

Ion	Ratio	Lower	Upper
82	100		
128	48.5	32.3	48.5#
54	48.2	42.7	64.1



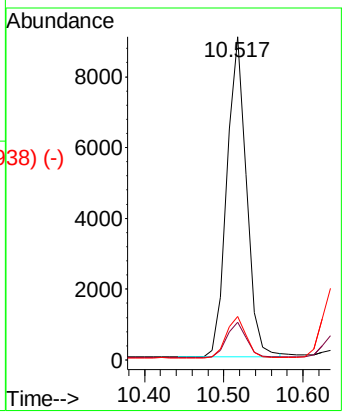


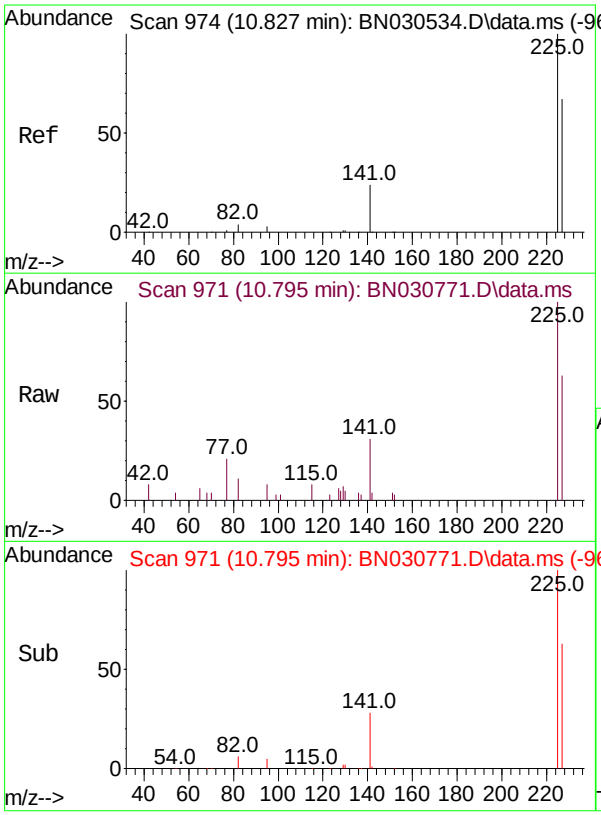
#9
Naphthalene
Concen: 0.388 ng
RT: 10.517 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15543

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.4	10.5	15.7

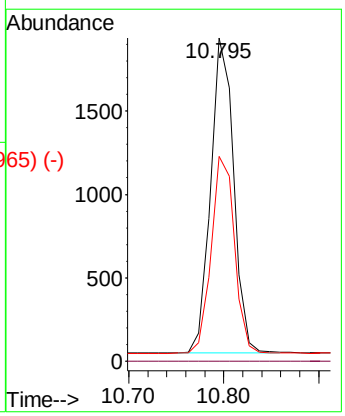


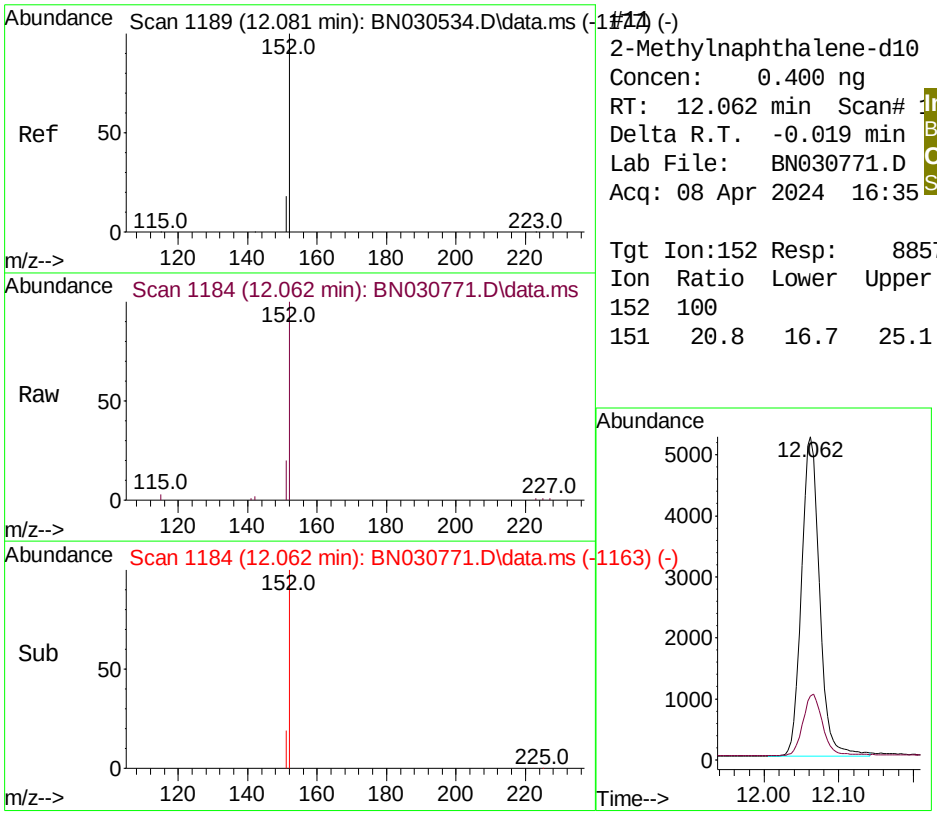


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.032 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:225 Resp: 3180

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.4	77.2



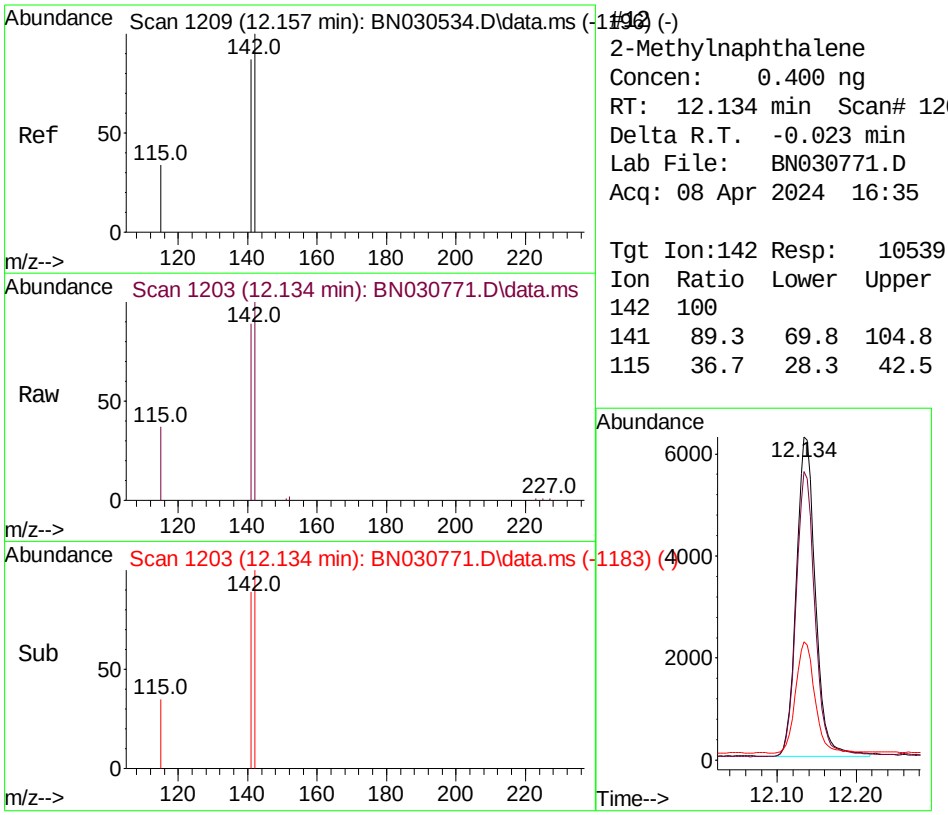


#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.062 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8857

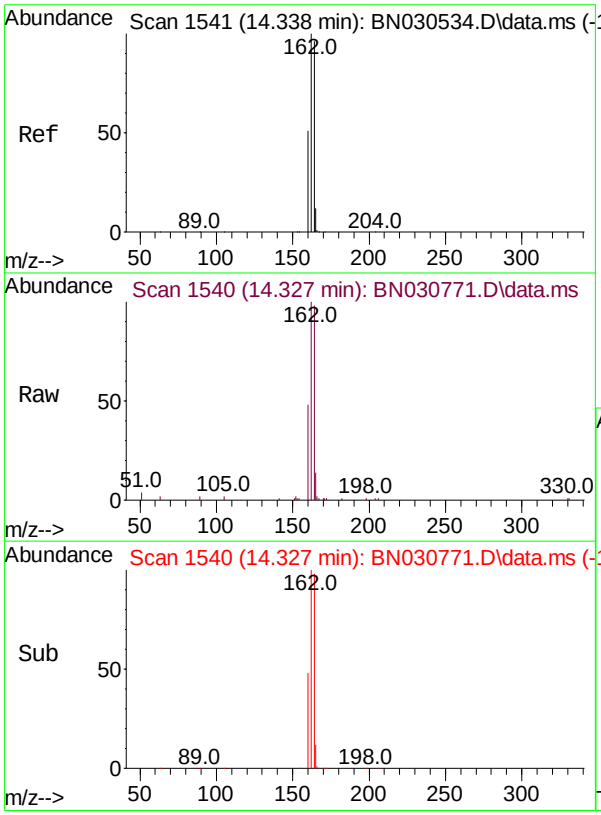
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1



#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.134 min Scan# 1203
Delta R.T. -0.023 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:142 Resp: 10539

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.8
115	36.7	28.3	42.5

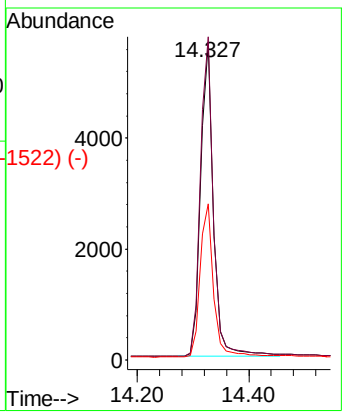


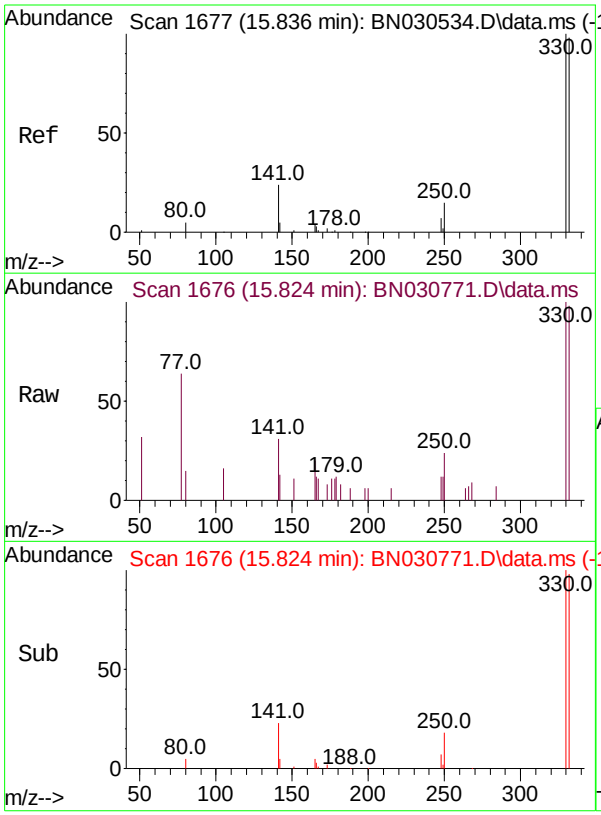
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9036

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.5	125.3
160	49.3	42.5	63.7

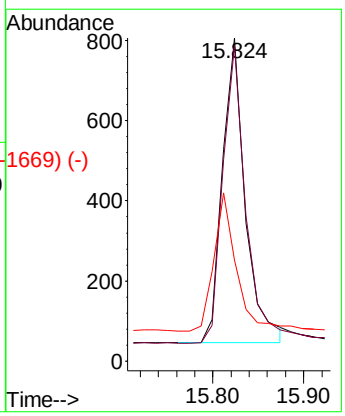


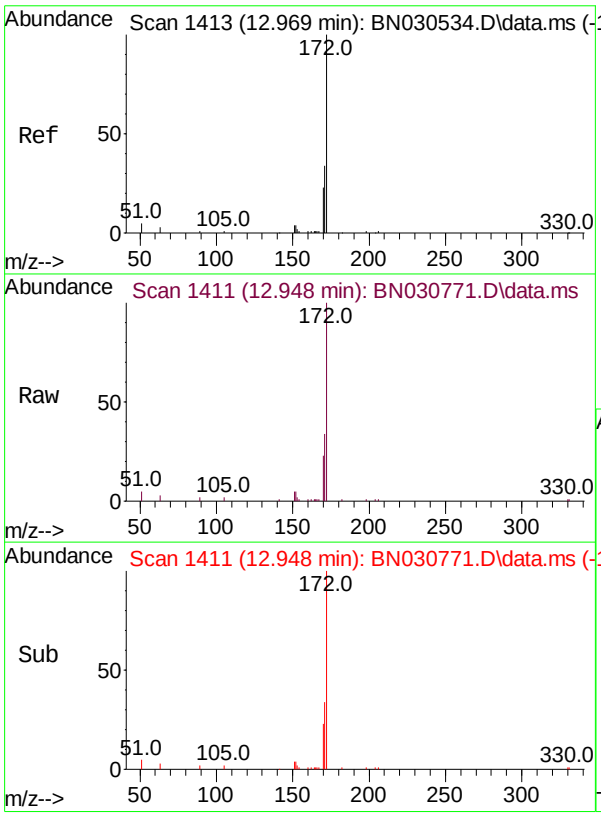


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.824 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:330 Resp: 1330

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	44.2	35.9	53.9



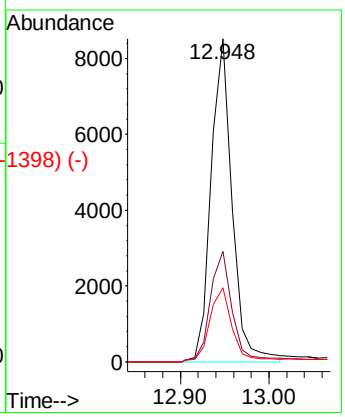


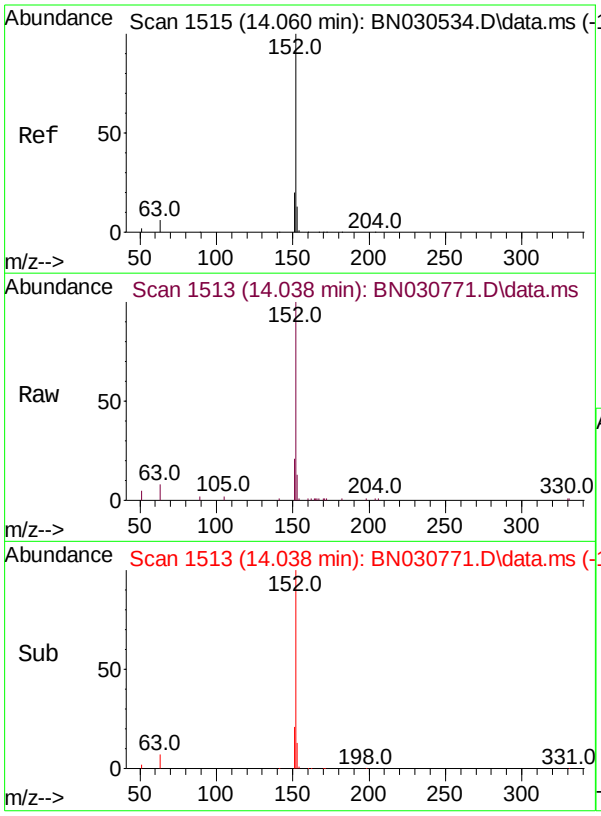
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.948 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12518

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.1	40.7
170	22.9	18.3	27.5

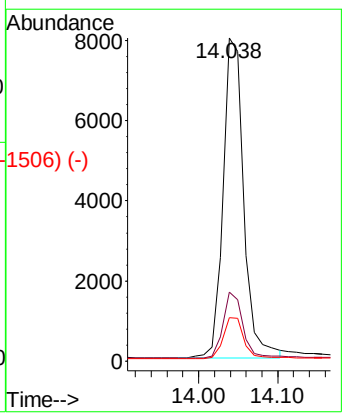


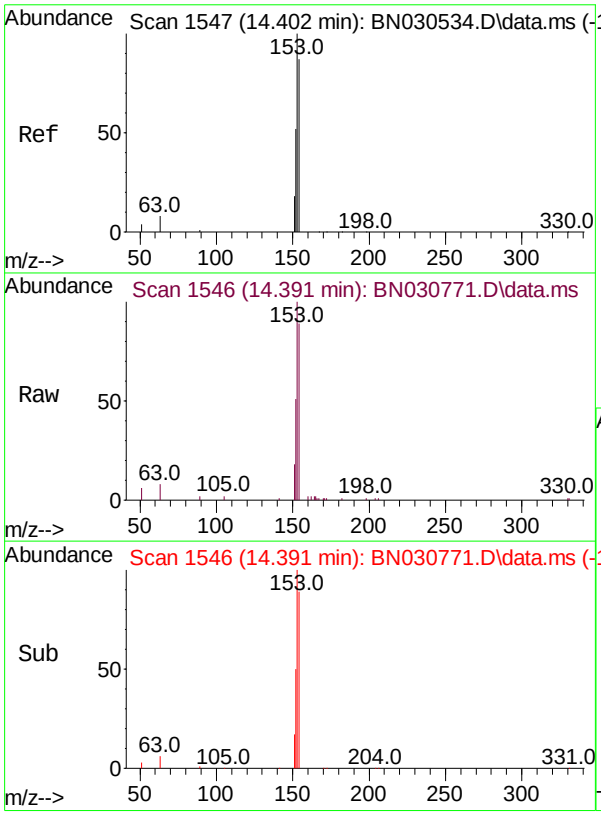


#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.038 min Scan# 1513
Delta R.T. -0.021 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:152 Resp: 14483

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.8	10.3	15.5



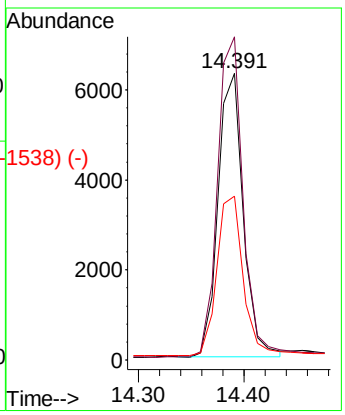


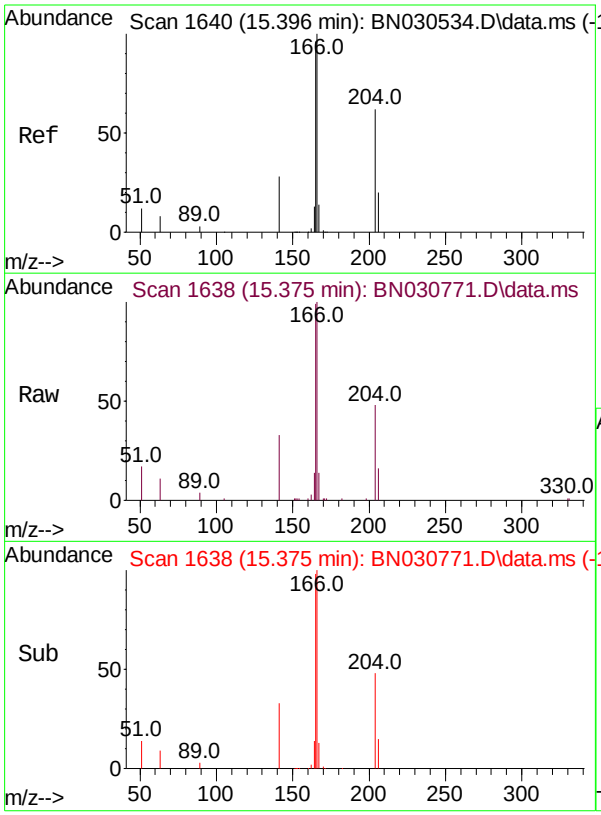
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.391 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10481

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.0	136.6
152	58.9	47.8	71.6

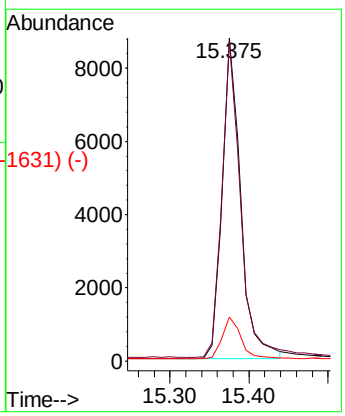


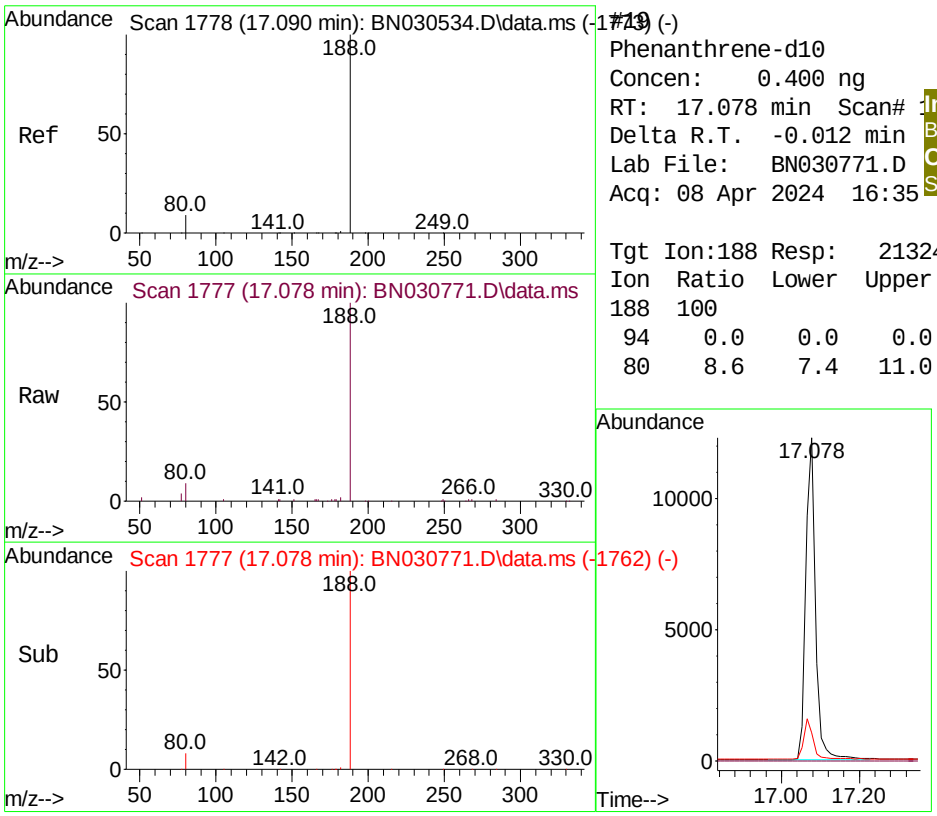


#18
Fluorene
Concen: 0.384 ng
RT: 15.375 min Scan# 1638
Delta R.T. -0.021 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:166 Resp: 14155

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.9	116.9
167	13.3	10.8	16.2



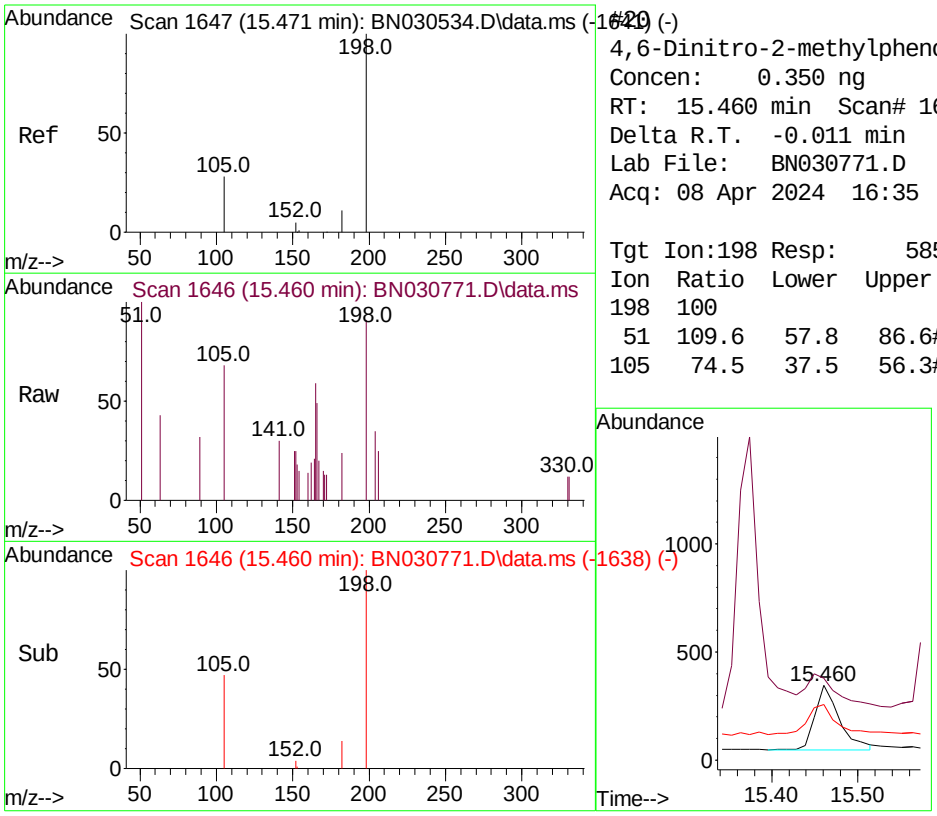


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 21324

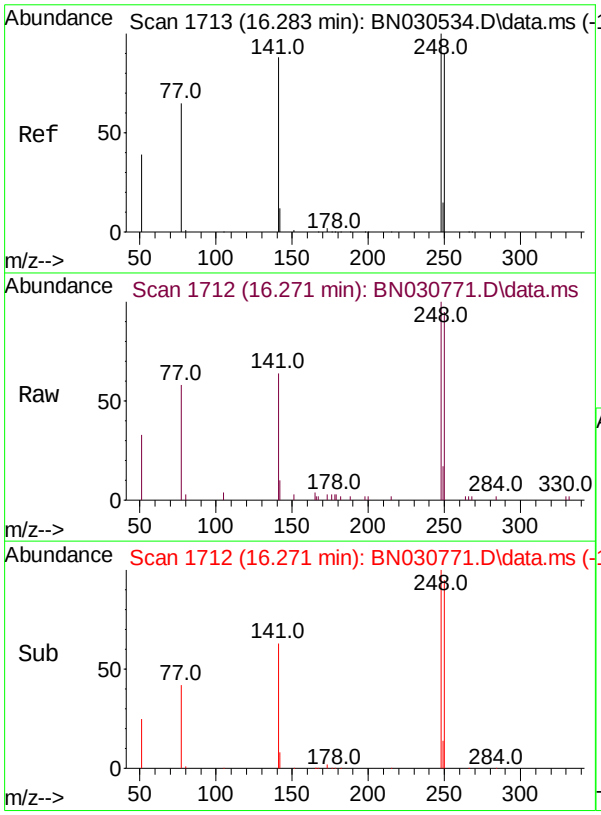
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.350 ng
RT: 15.460 min Scan# 1646
Delta R.T. -0.011 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:198 Resp: 585

Ion	Ratio	Lower	Upper
198	100		
51	109.6	57.8	86.6#
105	74.5	37.5	56.3#

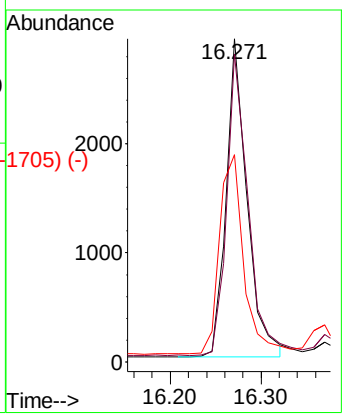


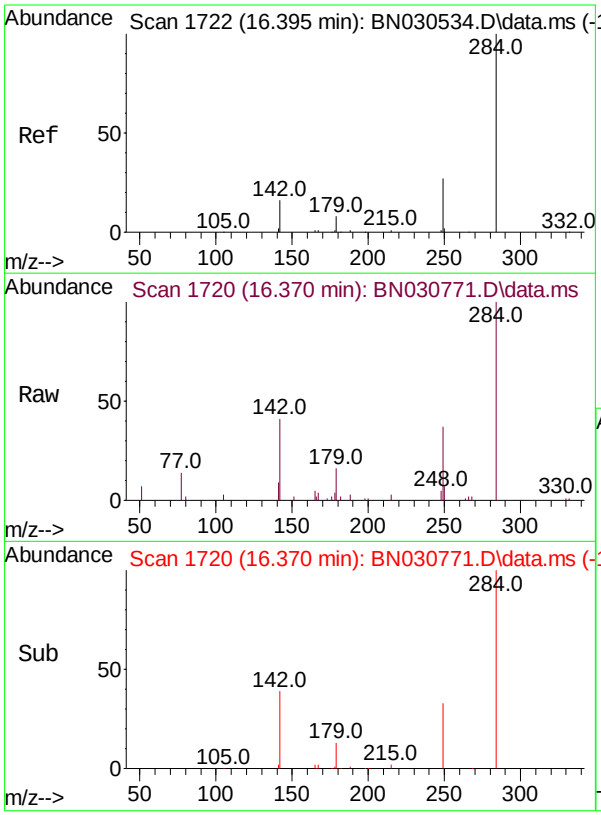
#21
4-Bromophenyl-phenylether
Concen: 0.362 ng
RT: 16.271 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4665

Ion	Ratio	Lower	Upper
248	100		
250	95.2	72.2	108.2
141	64.1	71.1	106.7#

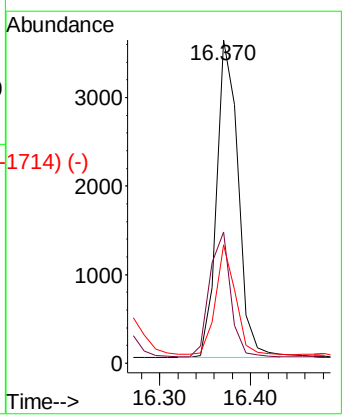


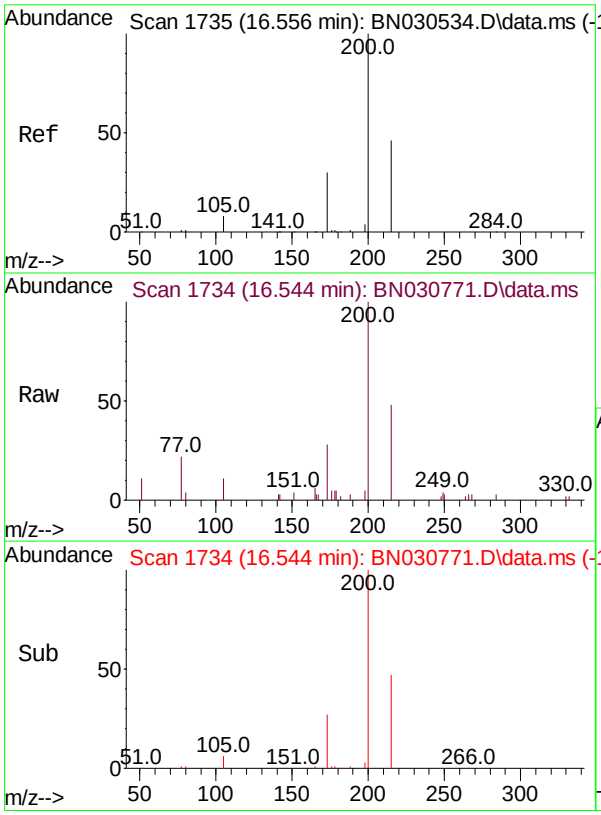


#22
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.370 min Scan# 1720
Delta R.T. -0.025 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:284 Resp: 5930

Ion	Ratio	Lower	Upper
284	100		
142	38.2	31.8	47.6
249	31.3	25.8	38.6



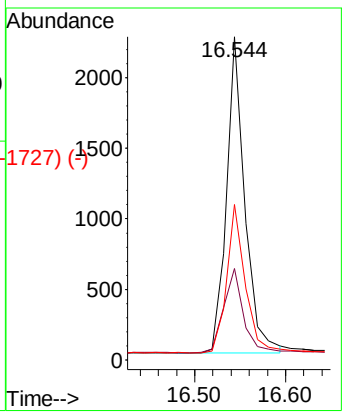


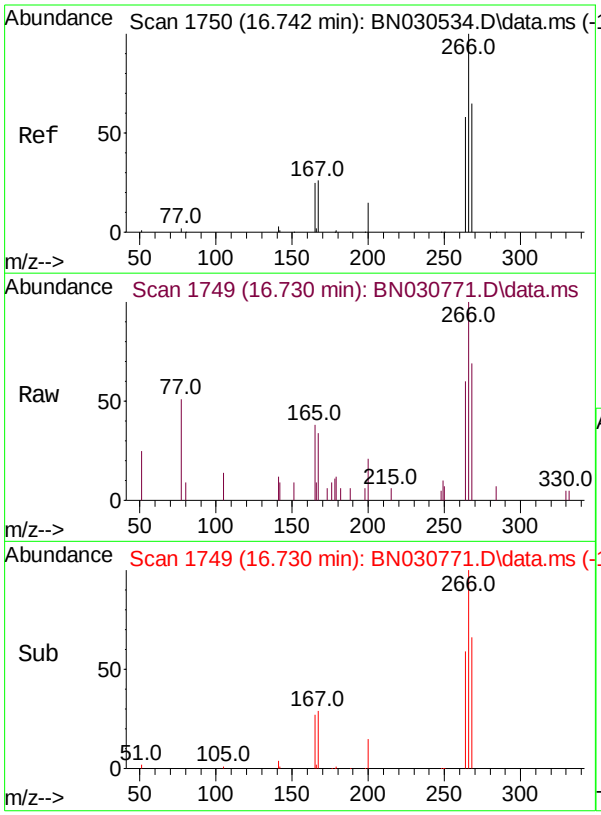
#20
Atrazine
Concen: 0.335 ng
RT: 16.544 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3136

Ion	Ratio	Lower	Upper
200	100		
173	28.2	25.0	37.6
215	48.0	37.4	56.2

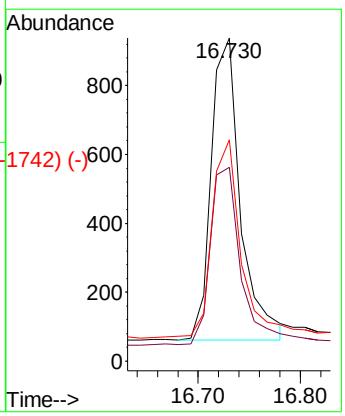


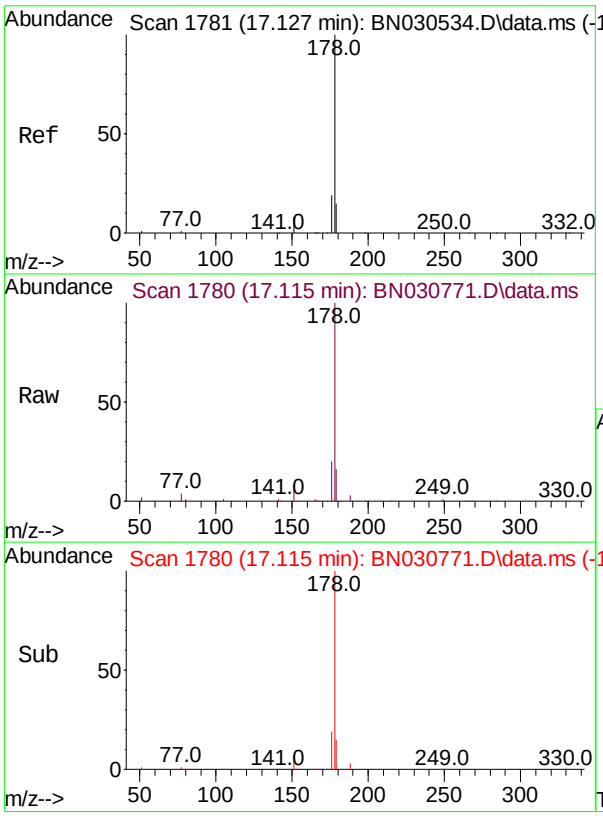


#24
Pentachlorophenol
Concen: 0.447 ng
RT: 16.730 min Scan# 1749
Delta R.T. -0.012 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:266 Resp: 1751

Ion	Ratio	Lower	Upper
266	100		
264	60.8	48.7	73.1
268	64.5	49.5	74.3



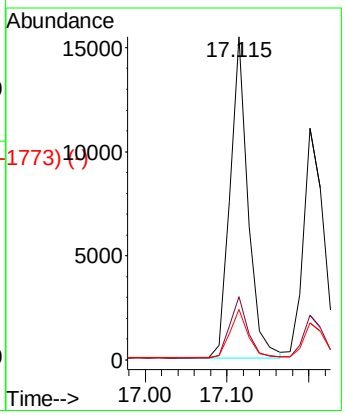


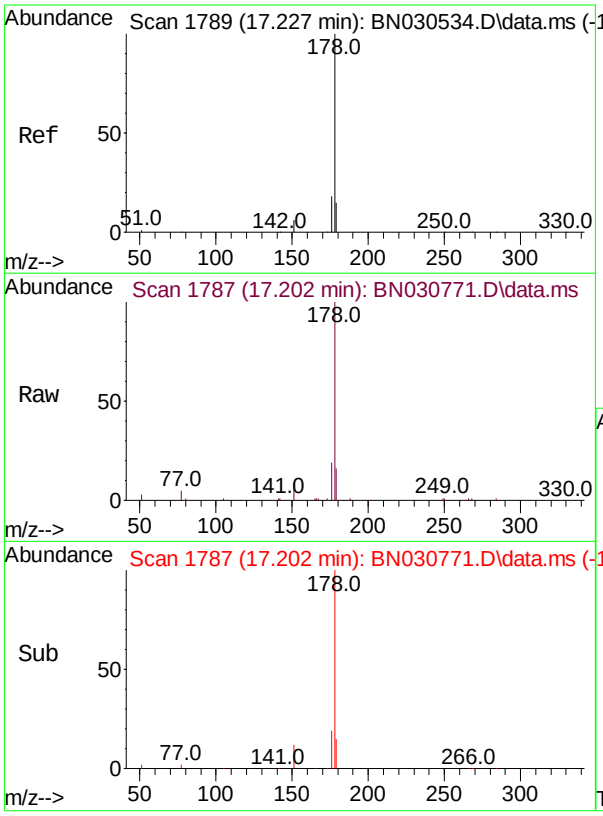
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 23783

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6

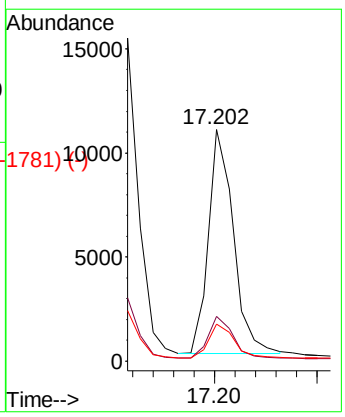


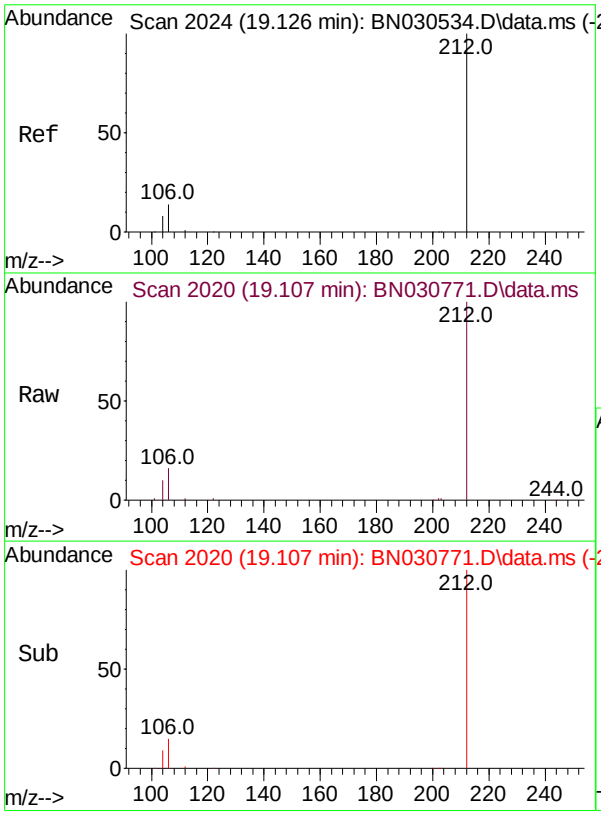


#26
Anthracene
Concen: 0.343 ng
RT: 17.202 min Scan# 1787
Delta R.T. -0.025 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:178 Resp: 18206

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.1	12.2	18.4



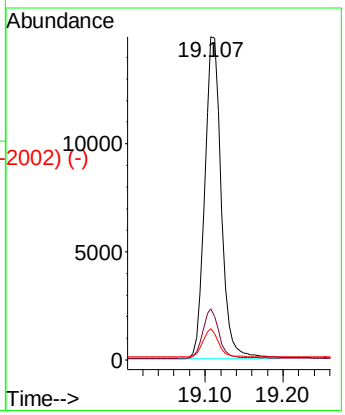


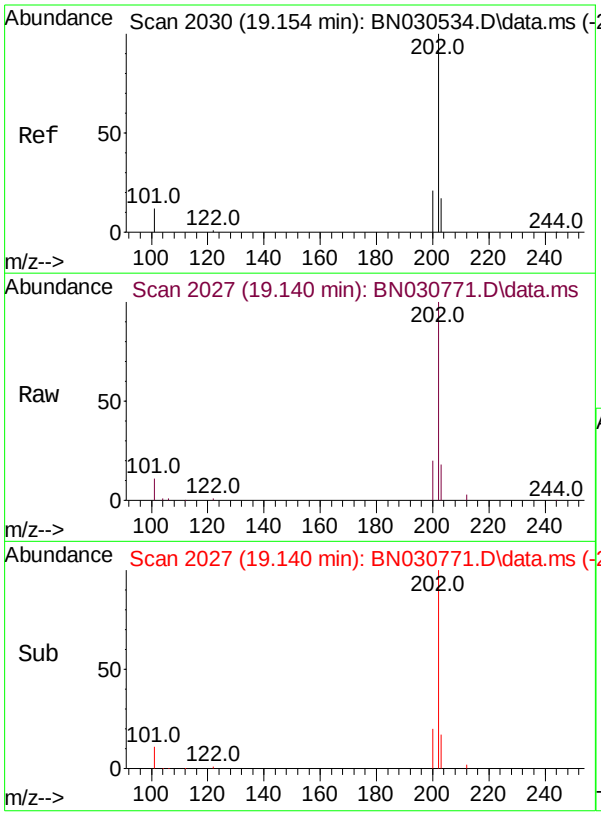
#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.107 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 21850

Ion	Ratio	Lower	Upper
212	100		
106	15.0	11.8	17.6
104	8.3	6.6	9.8

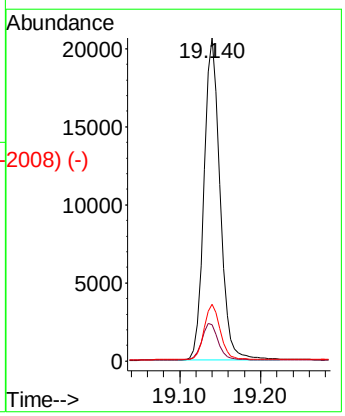


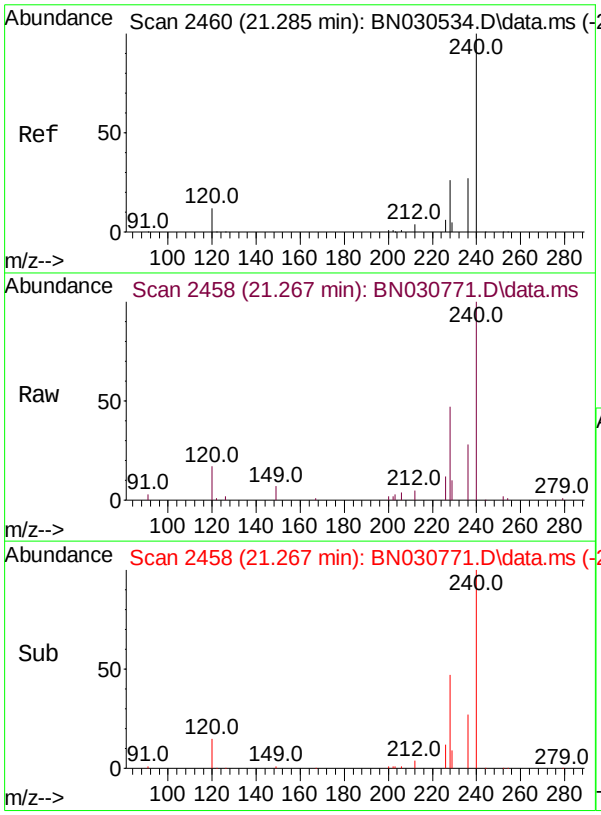


#28
Fluoranthene
Concen: 0.377 ng
RT: 19.140 min Scan# 2027
Delta R.T. -0.014 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:202 Resp: 28333

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.0
203	17.2	13.7	20.5



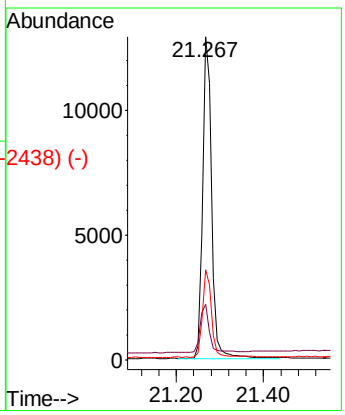


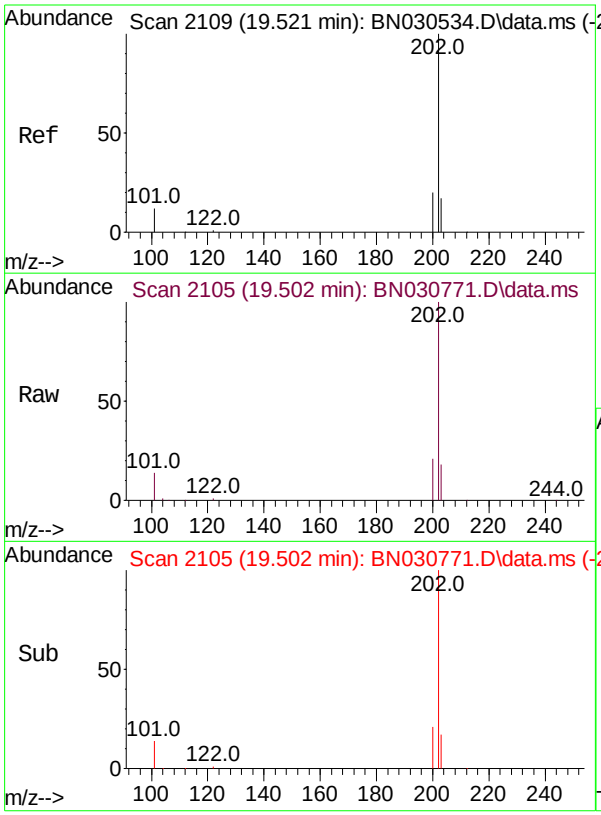
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.267 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 18740

Ion	Ratio	Lower	Upper
240	100		
120	17.1	10.6	15.8#
236	27.8	22.1	33.1

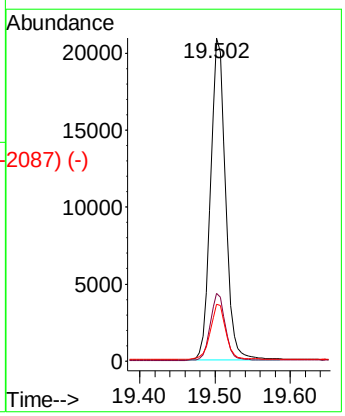


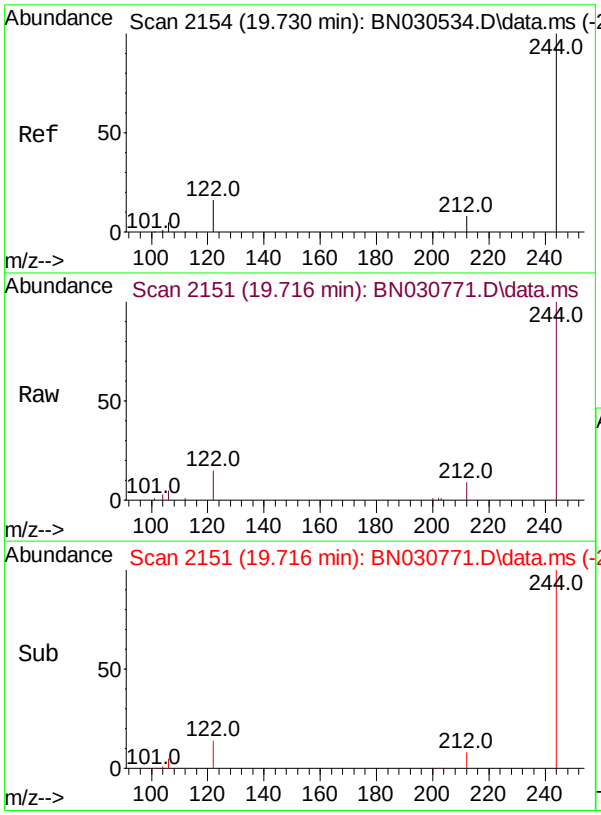


#30
Pyrene
Concen: 0.394 ng
RT: 19.502 min Scan# 2105
Delta R.T. -0.019 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:202 Resp: 28895

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.9	14.2	21.4



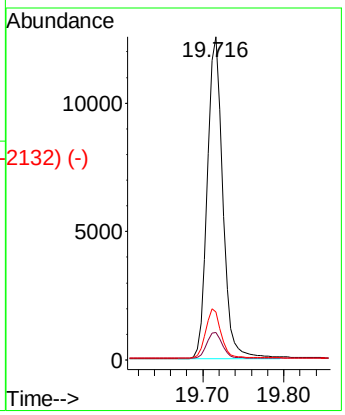


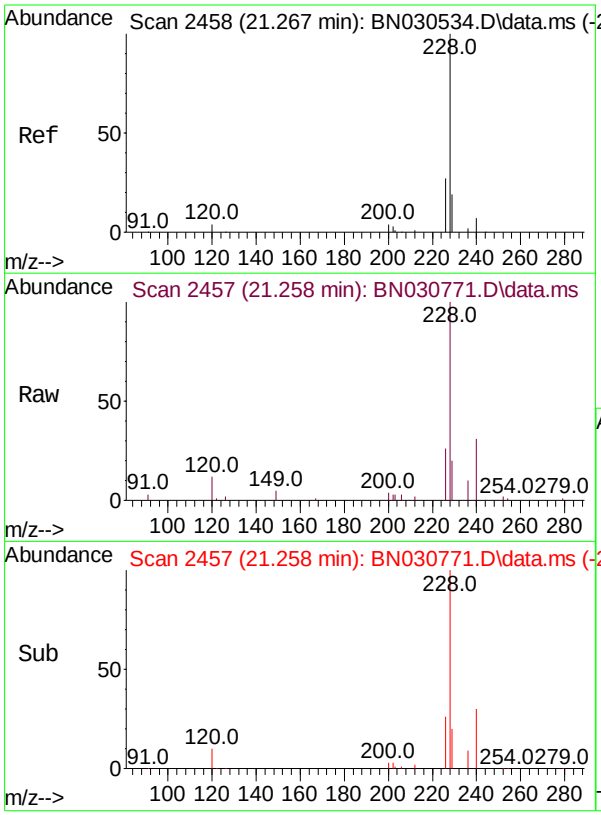
#31
Terphenyl-d14
Concen: 0.383 ng
RT: 19.716 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16567

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	14.9	12.7	19.1

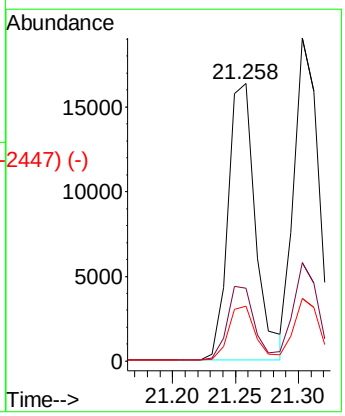


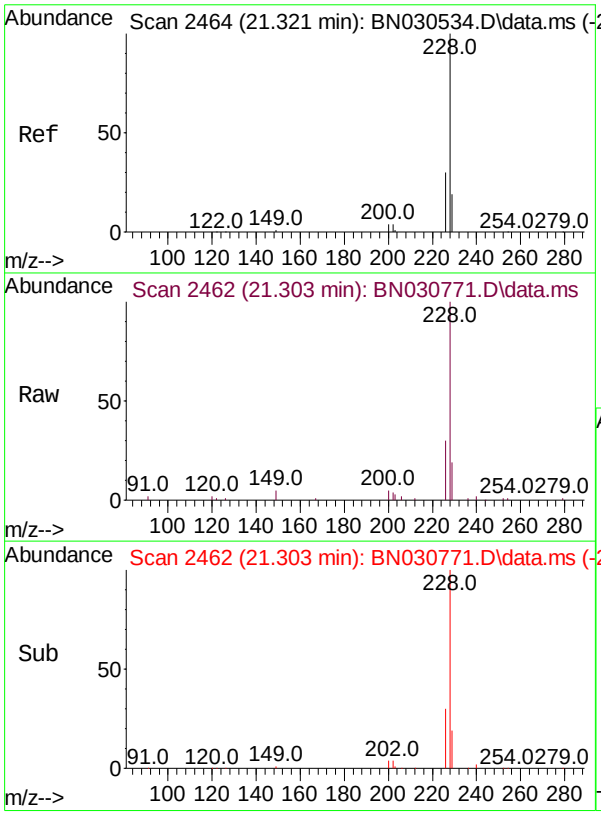


#32
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.258 min Scan# 2457
Delta R.T. -0.009 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:228 Resp: 24681

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.8	32.8
229	19.9	15.4	23.2



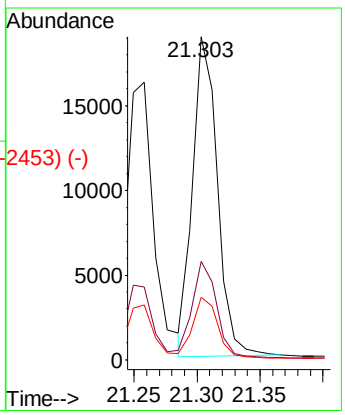


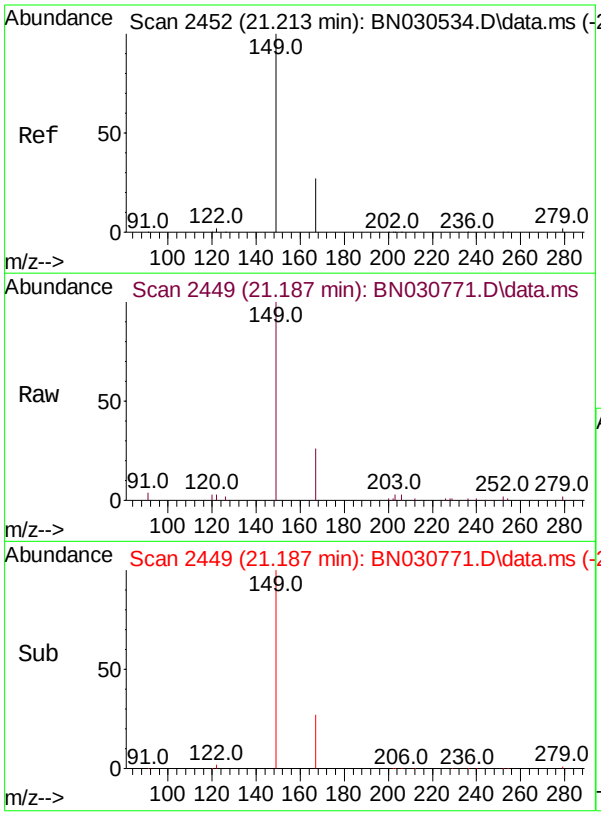
#30
Chrysene
Concen: 0.363 ng
RT: 21.303 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 25829

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.3	15.8	23.6

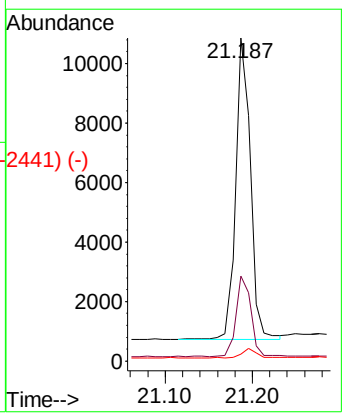


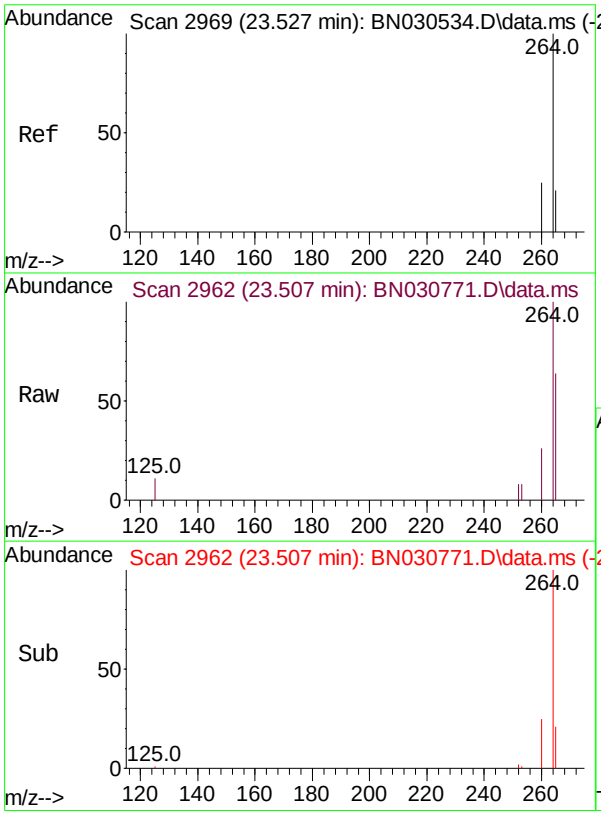


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.416 ng
RT: 21.187 min Scan# 2449
Delta R.T. -0.027 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:149 Resp: 11986

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.4	32.0
279	3.2	2.3	3.5



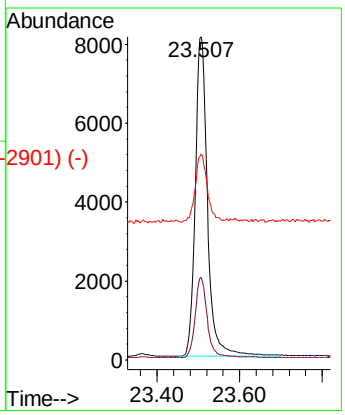


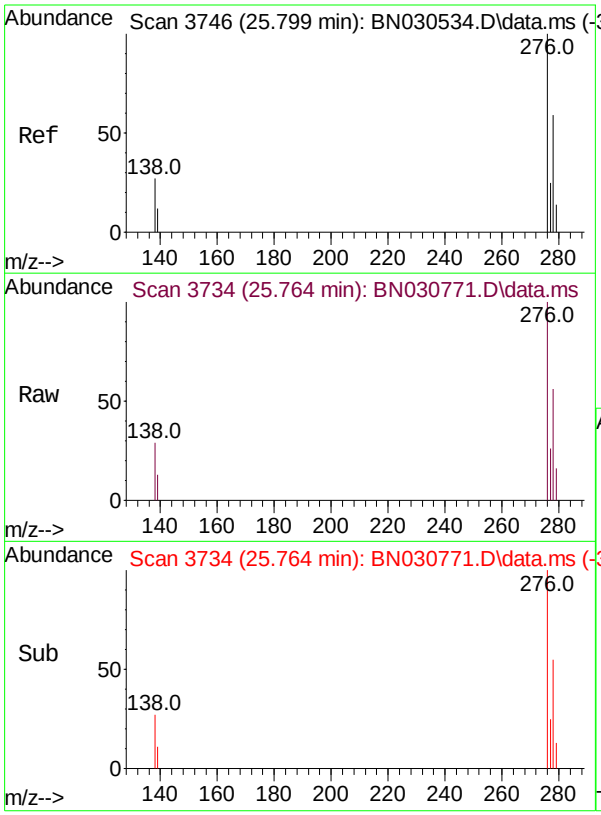
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.507 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 16660

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	63.8	41.8	62.8#

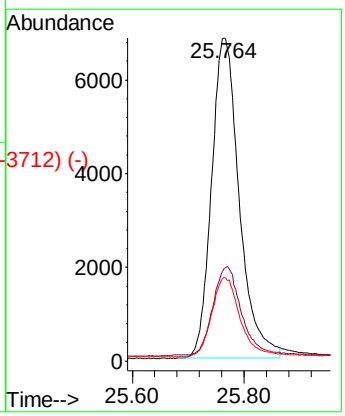


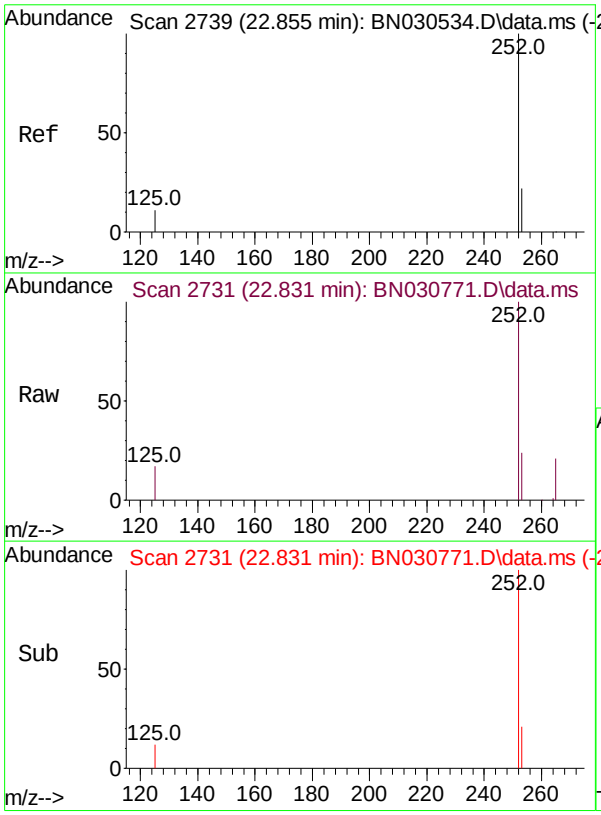


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 25.764 min Scan# 3734
Delta R.T. -0.035 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:276 Resp: 23571

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.0	34.4
277	24.9	20.1	30.1



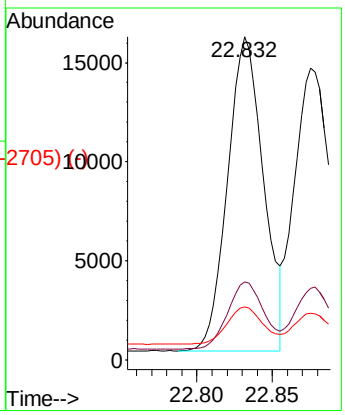


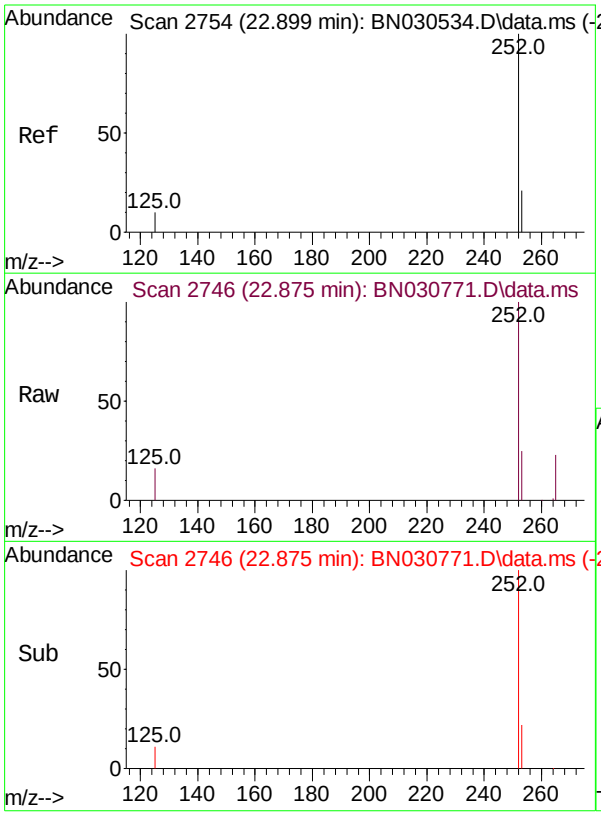
#37 (-)
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 22.831 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 26246

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.2	28.8
125	16.5	11.7	17.5

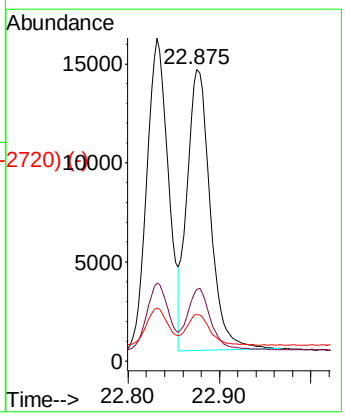


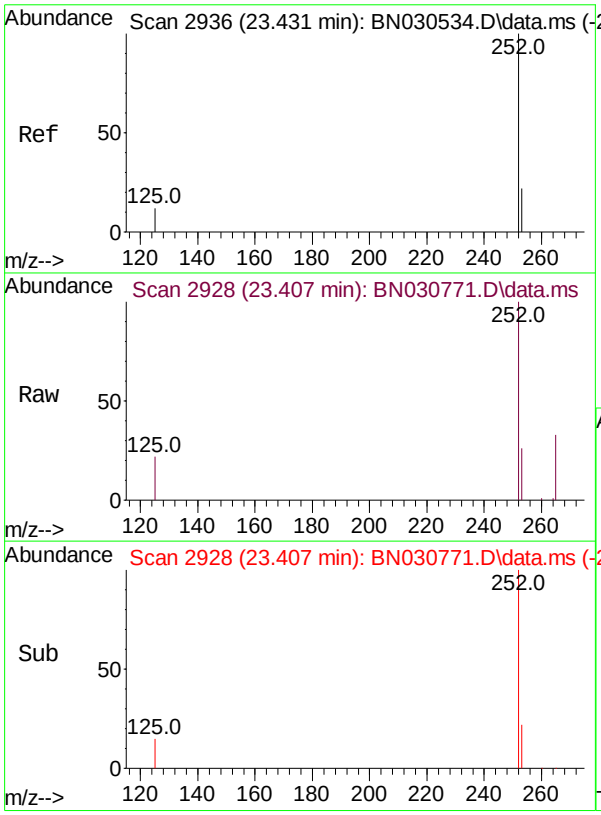


#38 (-)
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 22.875 min Scan# 2746
Delta R.T. -0.023 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:252 Resp: 25023

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.9	28.3
125	16.0	11.5	17.3



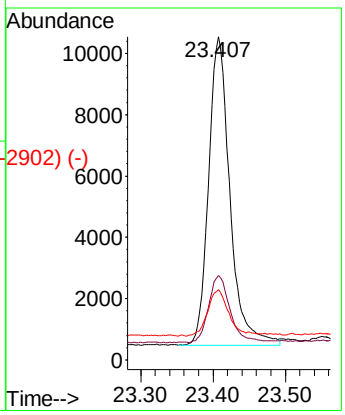


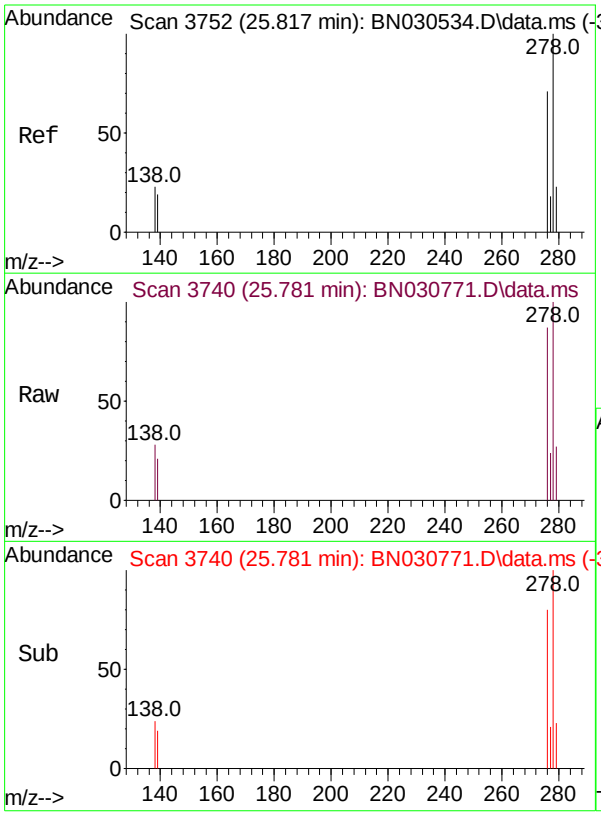
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.407 min Scan# 1
Delta R.T. -0.023 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20584

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.0	30.0
125	21.8	14.3	21.5#

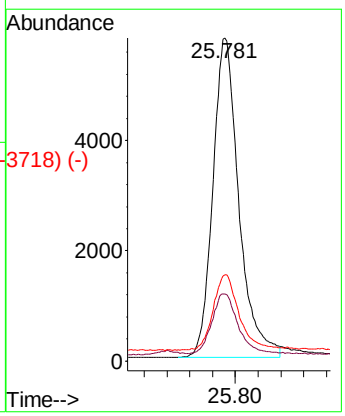


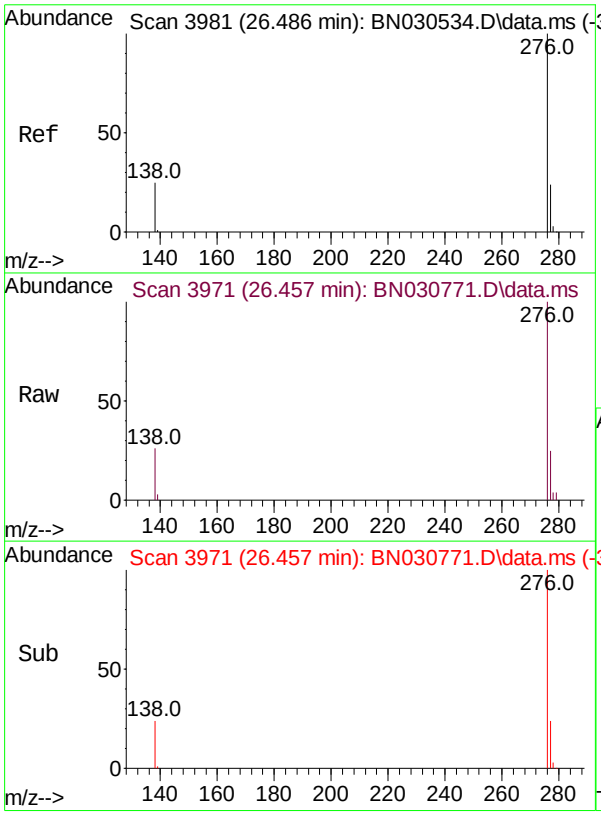


#40
Dibenzo(a,h)anthracene
Concen: 0.314 ng
RT: 25.781 min Scan# 3740
Delta R.T. -0.035 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Tgt Ion:278 Resp: 18360

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.2	24.2
279	26.7	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 0.330 ng
RT: 26.457 min Scan# 1
Delta R.T. -0.029 min
Lab File: BN030771.D
Acq: 08 Apr 2024 16:35

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 20751

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.6
138	26.0	20.6	31.0