Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031427.D
Acq On : 07 May 2024 18:17
Operator : MA/JU
Sample : PB160745BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Quant Time: May 07 18:43:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.566	152	5531	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	17336	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	8823	0.400	ng		0.00
19) Phenanthrene-d10	16.966	188	22881	0.400	ng		0.00
29) Chrysene-d12	21.166	240	15708	0.400	ng	#	0.00
35) Perylene-d12	23.355	264	20531	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.161	112	4746	0.366	ng		0.00
5) Phenol-d6	6.743	99	5541	0.360	ng		0.00
8) Nitrobenzene-d5	8.713	82	4509	0.296	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	10086	0.492	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1428	0.327	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	15722	0.482	ng		0.00
27) Fluoranthene-d10	19.007	212	22913	0.370	ng		0.00
31) Terphenyl-d14	19.616	244	18102	0.454	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2303	0.349	ng		100
3) n-Nitrosodimethylamine	3.421	42	2328	0.353	ng		95
6) bis(2-Chloroethyl)ether	7.003	93	5210	0.362	ng		98
9) Naphthalene	10.389	128	18073	0.373	ng		98
10) Hexachlorobutadiene	10.666	225	3767	0.372	ng	#	100
12) 2-Methylnaphthalene	12.013	142	11874	0.501	ng		98
16) Acenaphthylene	13.932	152	16012	0.414	ng		100
17) Acenaphthene	14.274	154	10225	0.385	ng		99
18) Fluorene	15.268	166	15190	0.442	ng		99
20) 4,6-Dinitro-2-methylph...	15.365	198	1036	0.320	ng	#	87
21) 4-Bromophenyl-phenylether	16.160	248	4954	0.375	ng		99
22) Hexachlorobenzene	16.271	284	5765	0.381	ng		99
23) Atrazine	16.445	200	3731	0.360	ng		98
24) Pentachlorophenol	16.619	266	1851	0.372	ng		99
25) Phenanthrene	17.004	178	24660	0.376	ng		100
26) Anthracene	17.103	178	19524	0.354	ng		99
28) Fluoranthene	19.035	202	29201	0.364	ng		100
30) Pyrene	19.402	202	29766	0.554	ng		100
32) Benzo(a)anthracene	21.157	228	20851	0.384	ng		98
33) Chrysene	21.202	228	19002	0.336	ng		98
34) Bis(2-ethylhexyl)phtha...	21.094	149	11005	0.384	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.539	276	32609	0.393	ng		99
37) Benzo(b)fluoranthene	22.700	252	21695	0.269	ng		99
38) Benzo(k)fluoranthene	22.744	252	26034	0.330	ng		99
39) Benzo(a)pyrene	23.259	252	26763	0.396	ng		97
40) Dibenzo(a,h)anthracene	25.554	278	25724	0.393	ng		98
41) Benzo(g,h,i)perylene	26.206	276	28786	0.434	ng		99

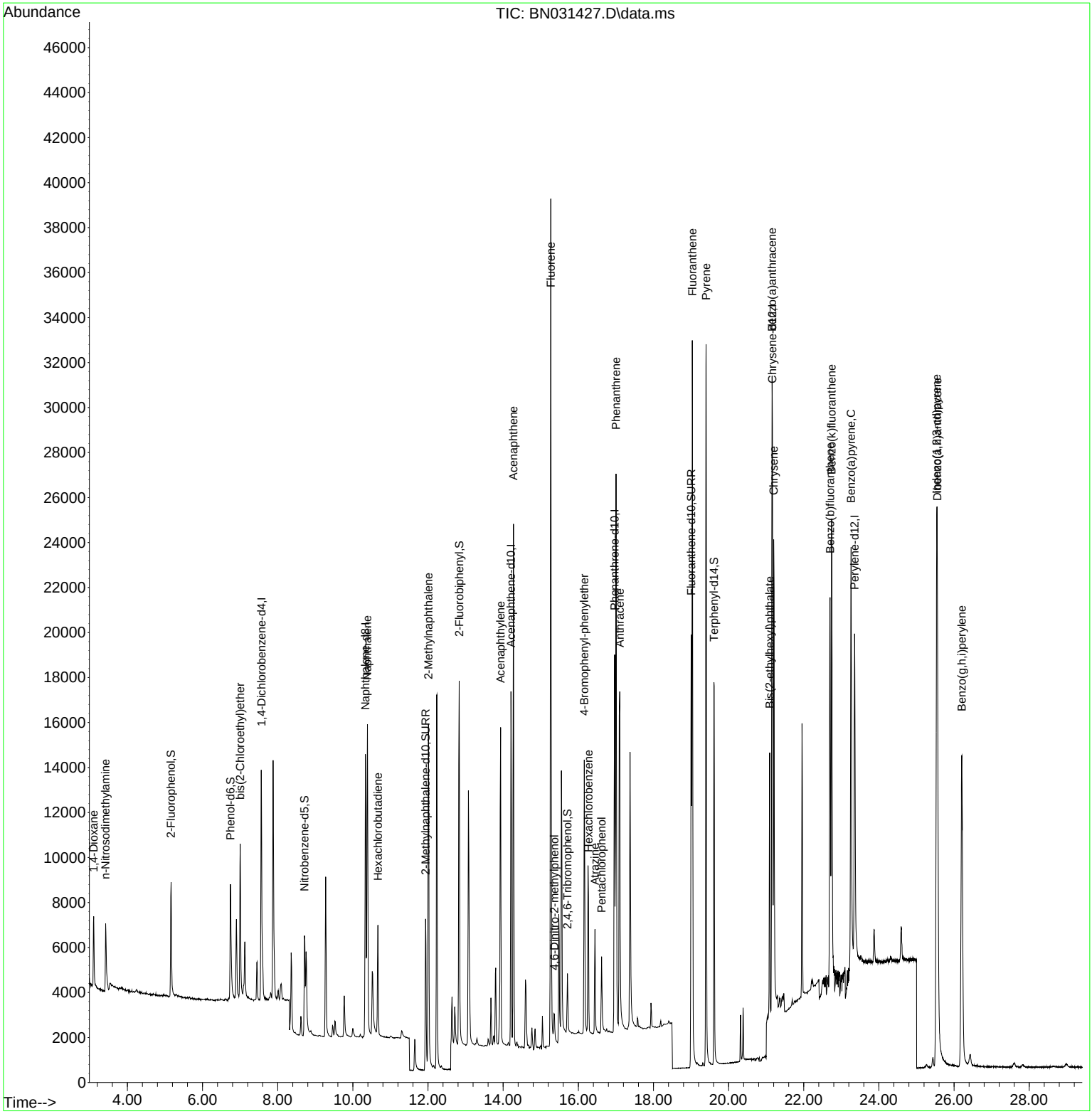
(#) = qualifier out of range (m) = manual integration (+) = signals summed

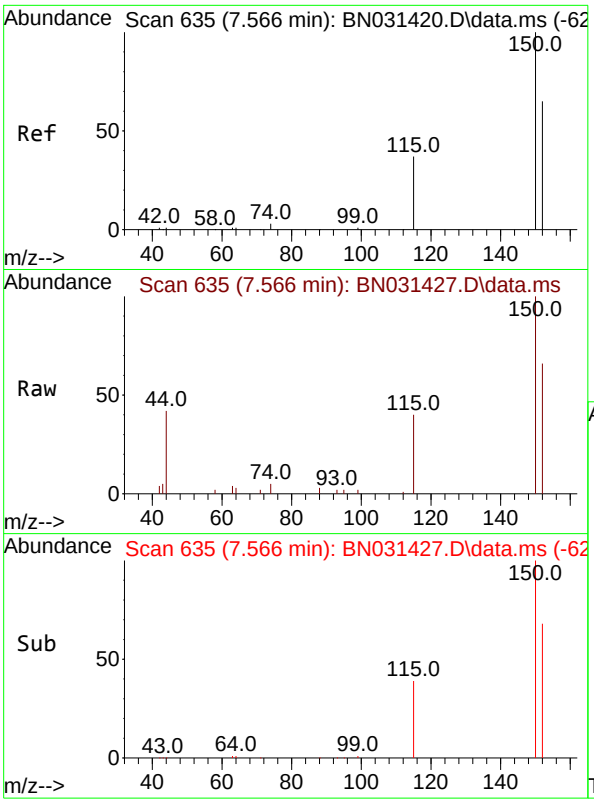
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031427.D
Acq On : 07 May 2024 18:17
Operator : MA/JU
Sample : PB160745BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Quant Time: May 07 18:43:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration



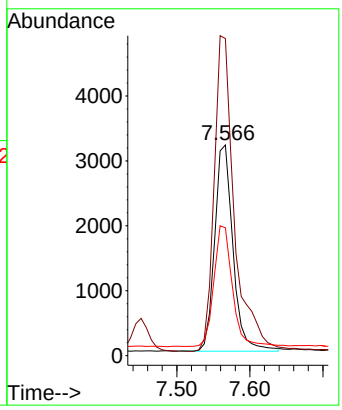


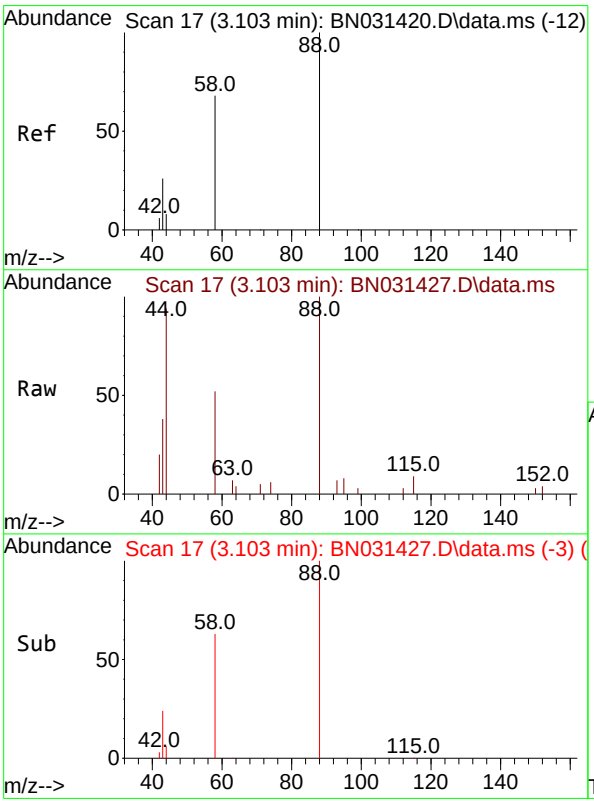
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.566 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:152 Resp: 5531

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.2	183.2
115	60.7	47.8	71.6

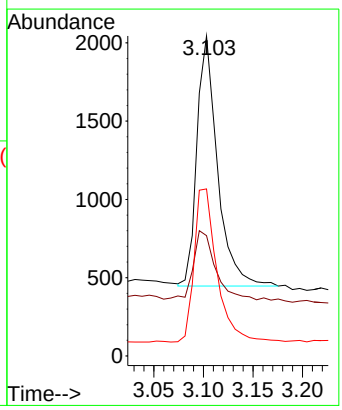


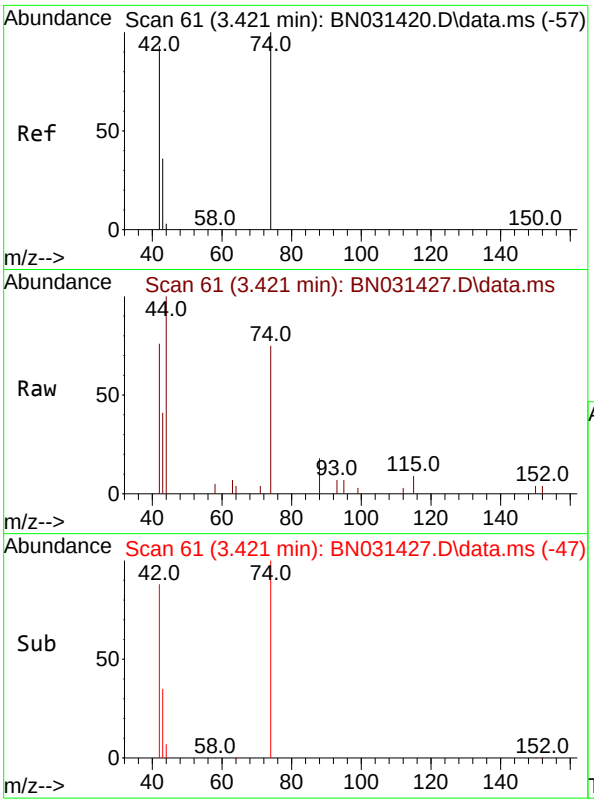


#2
1,4-Dioxane
Concen: 0.349 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion: 88 Resp: 2303

Ion	Ratio	Lower	Upper
88	100		
43	30.2	23.8	35.8
58	68.0	54.6	81.8



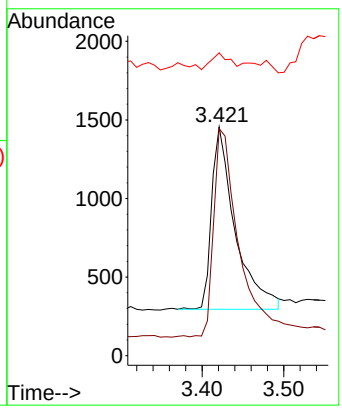


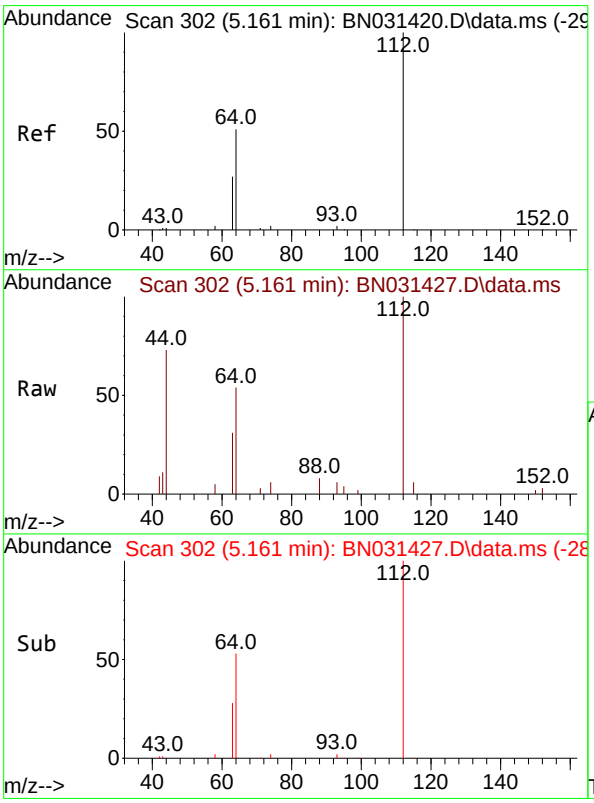
#3
n-Nitrosodimethylamine
Concen: 0.353 ng
RT: 3.421 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion: 42 Resp: 2328

Ion	Ratio	Lower	Upper
42	100		
74	120.5	101.7	152.5
44	6.8	5.3	7.9

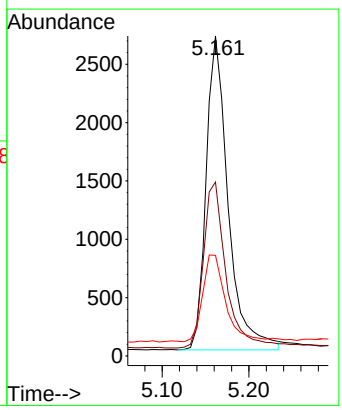


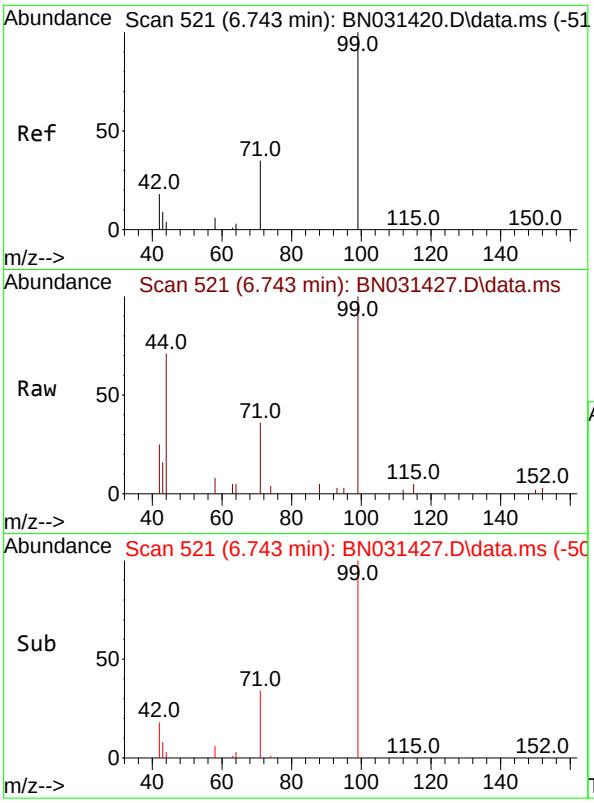


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.161 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:112 Resp: 4746

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.4	63.6
63	29.7	22.6	34.0



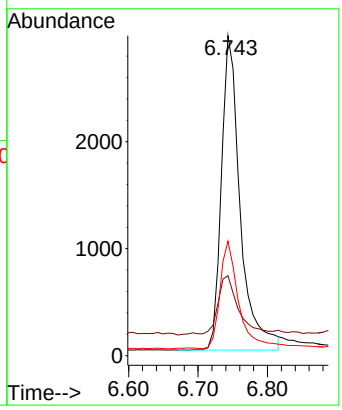


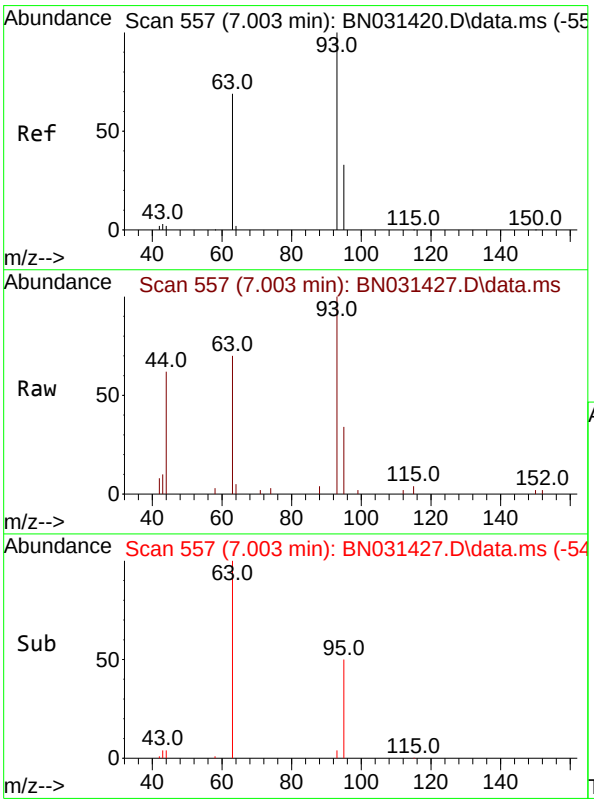
#5
Phenol-d6
Concen: 0.360 ng
RT: 6.743 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion: 99 Resp: 5541

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.8	23.8
71	33.7	27.8	41.6

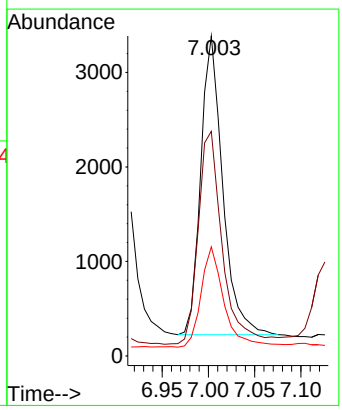


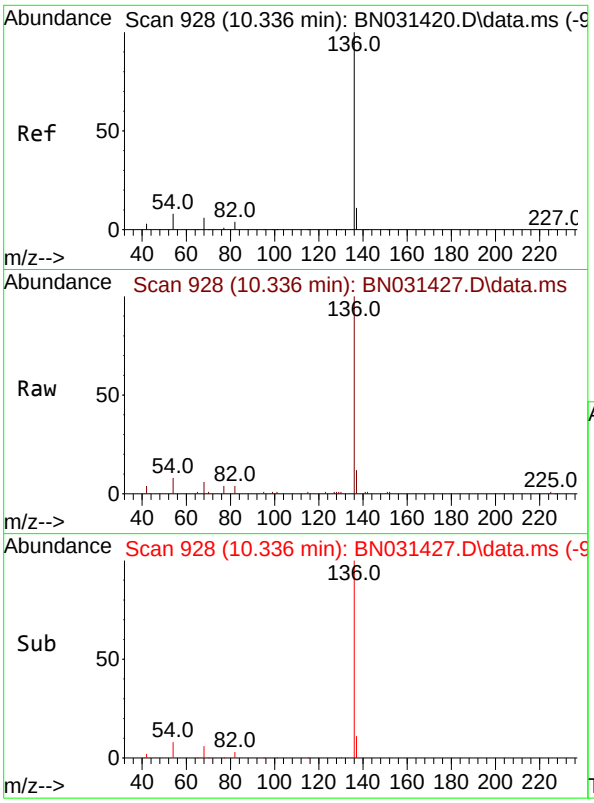


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.003 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion: 93 Resp: 5210

Ion	Ratio	Lower	Upper
93	100		
63	78.8	60.7	91.1
95	34.7	28.0	42.0



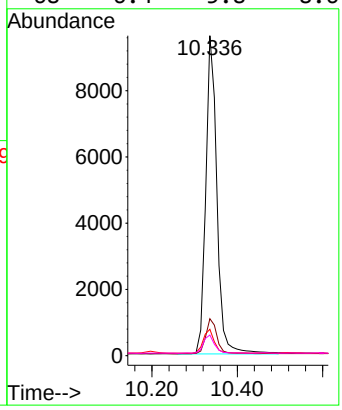


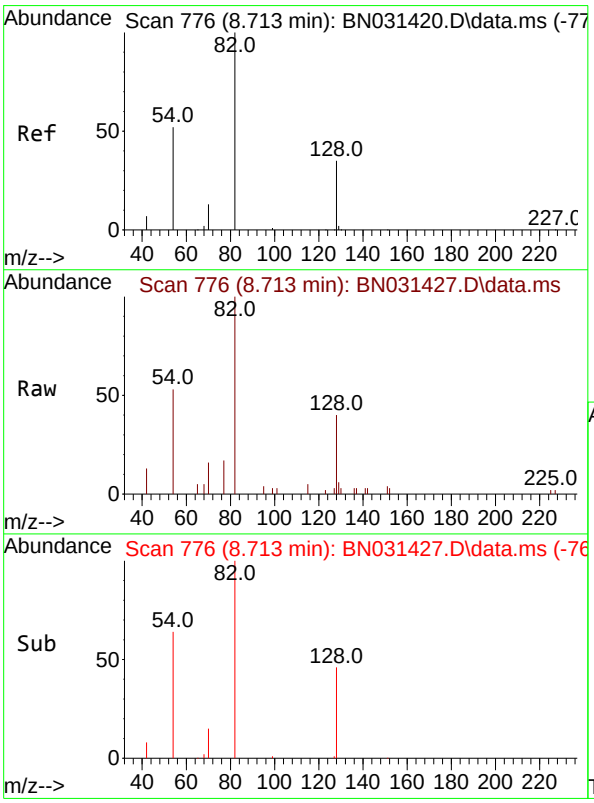
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:136 Resp: 17336

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.3	7.2	10.8
68	6.4	5.8	8.6

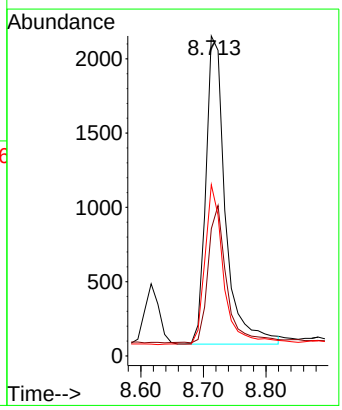


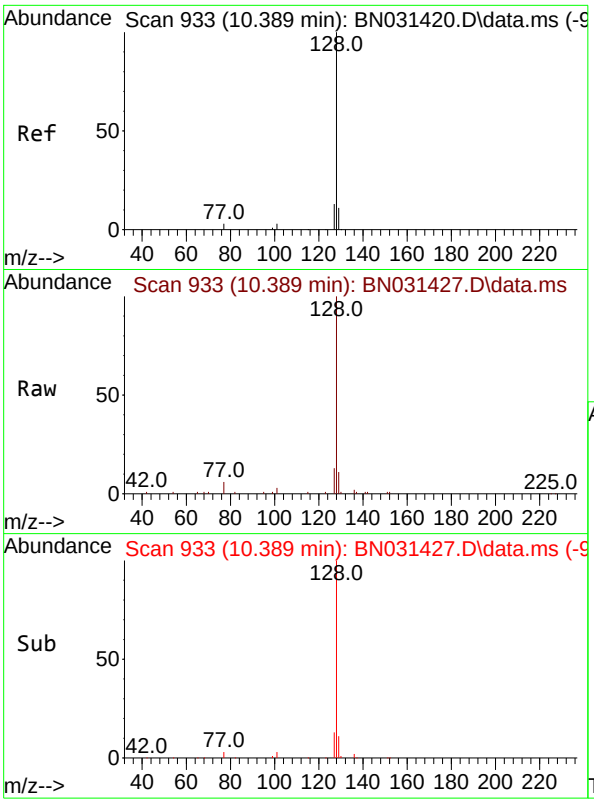


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.713 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion: 82 Resp: 4509

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.0	45.0
54	53.5	43.4	65.0



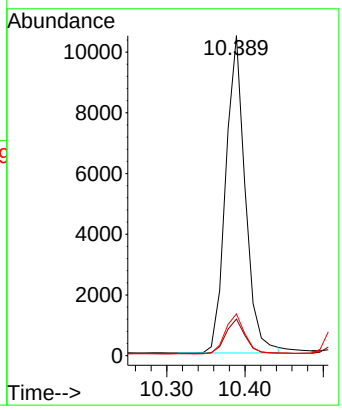


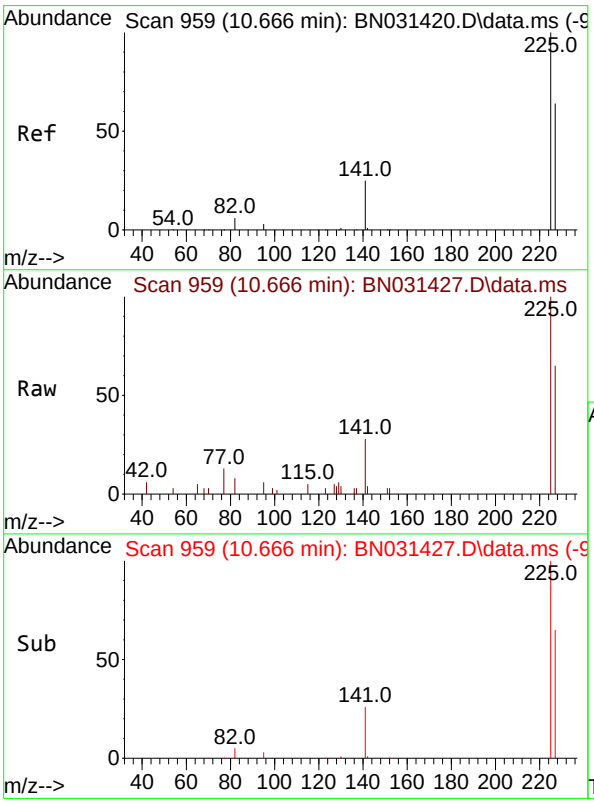
#9
Naphthalene
Concen: 0.373 ng
RT: 10.389 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:128 Resp: 18073

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.0	11.1	16.7

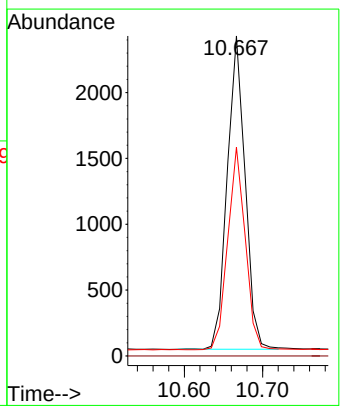


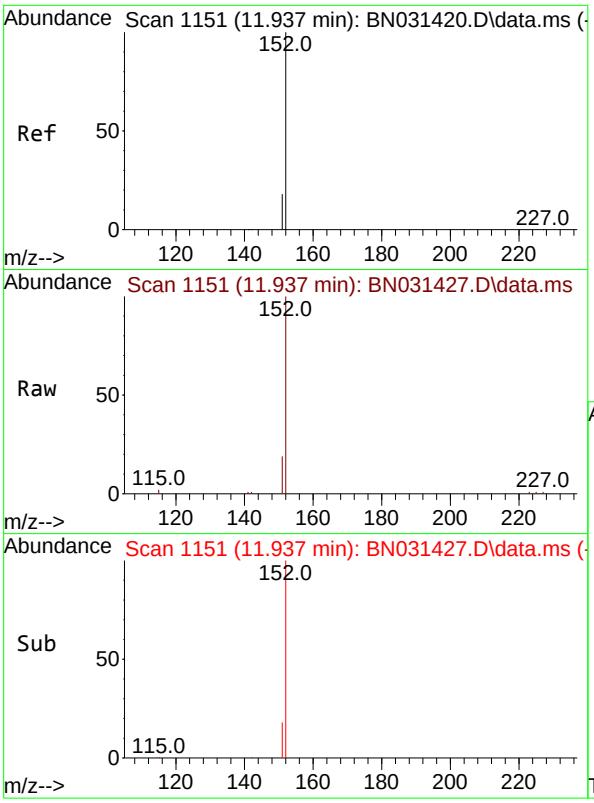


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 10.666 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:225 Resp: 3767

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.8	76.2



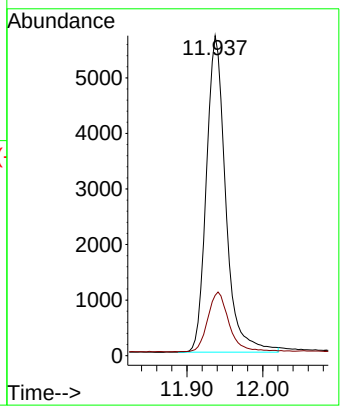


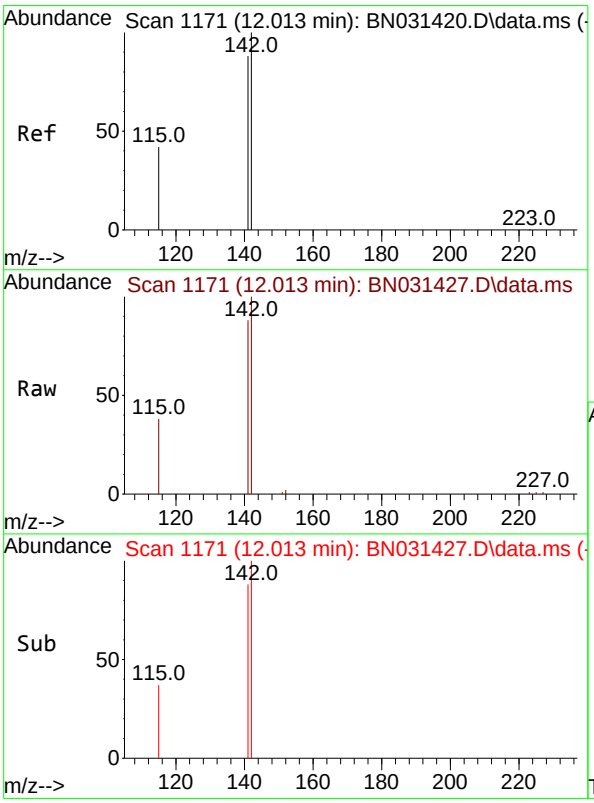
#11
2-Methylnaphthalene-d10
Concen: 0.492 ng
RT: 11.937 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:152 Resp: 10086

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1

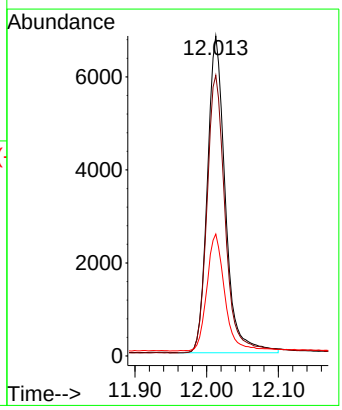


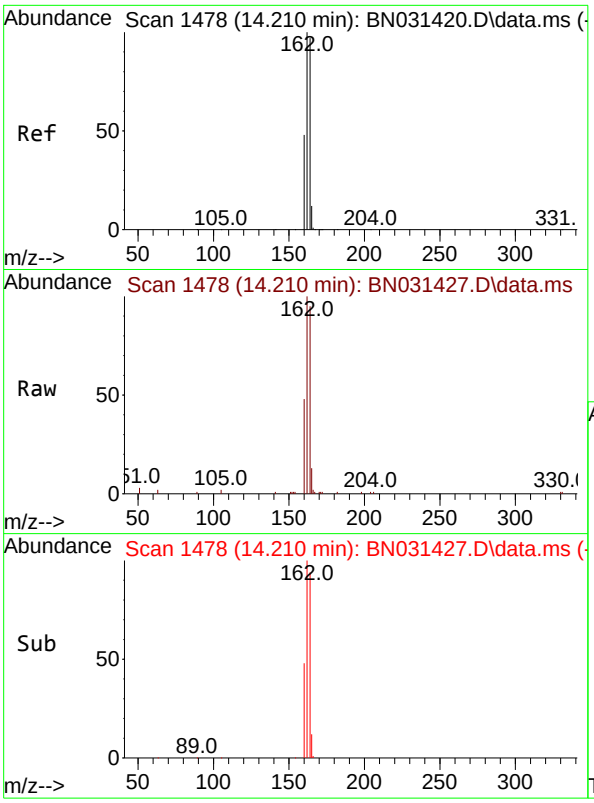


#12
2-Methylnaphthalene
Concen: 0.501 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:142 Resp: 11874

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.2
115	38.1	34.2	51.4



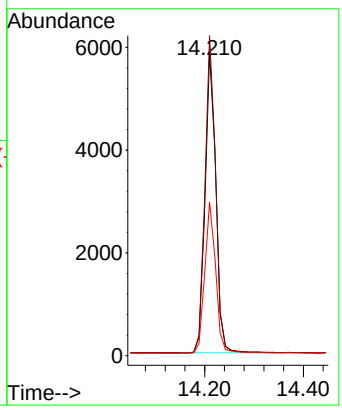


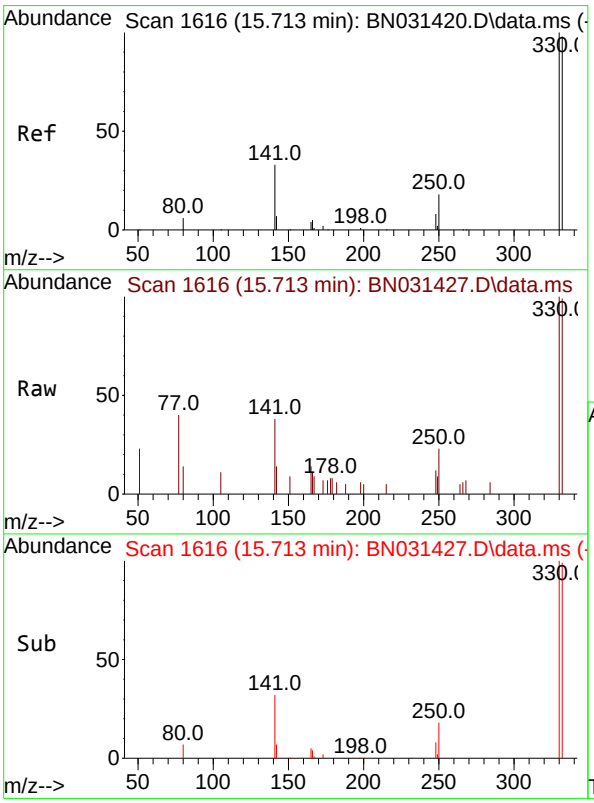
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:164 Resp: 8823

Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.3	123.5
160	50.8	40.2	60.2

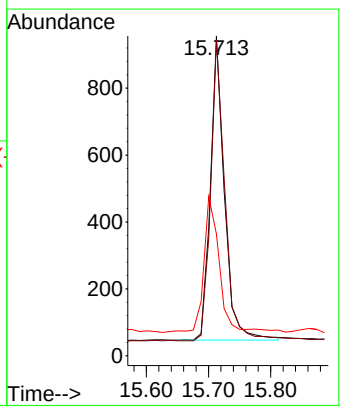


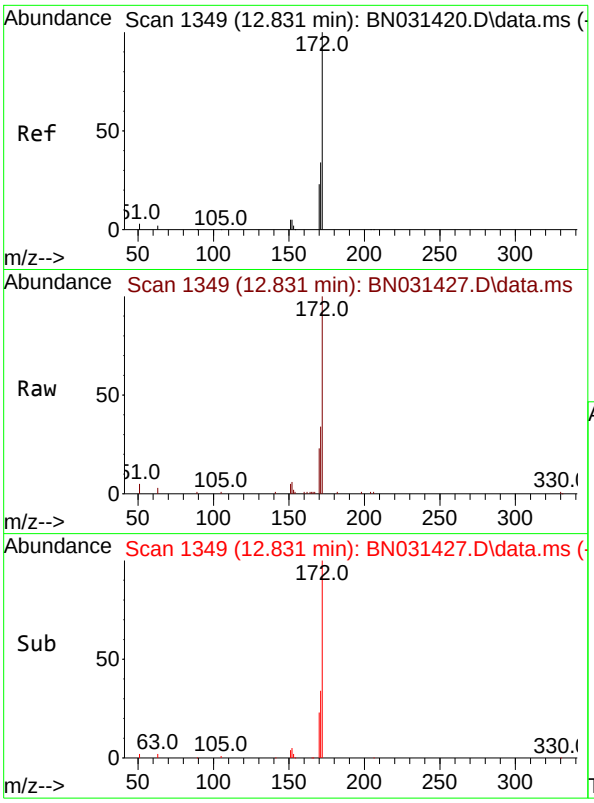


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:330 Resp: 1428

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.5	116.3
141	47.2	39.3	58.9



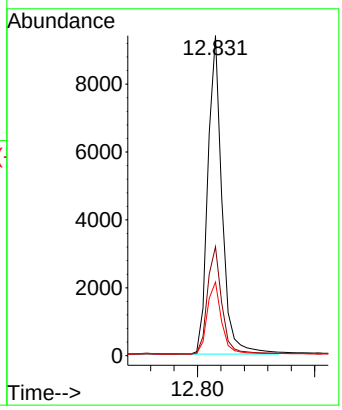


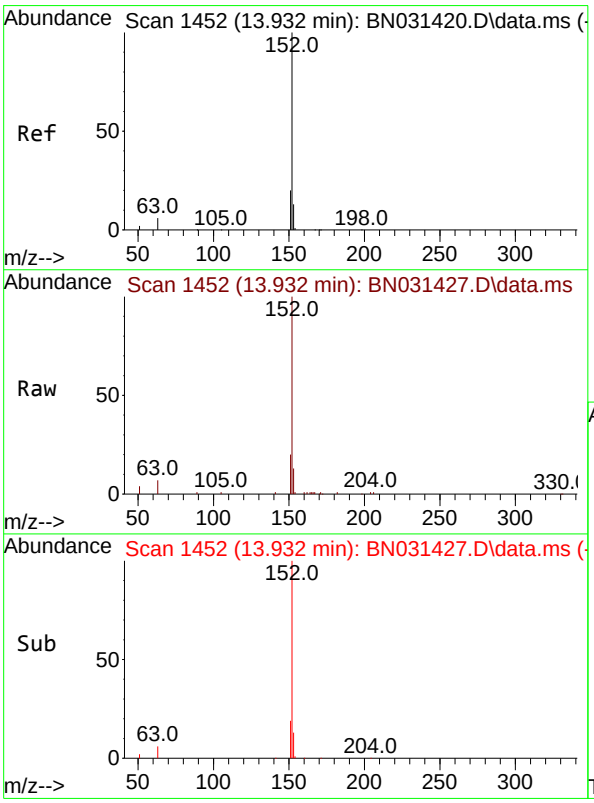
#15
2-Fluorobiphenyl
Concen: 0.482 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:172 Resp: 15722

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	23.0	18.9	28.3

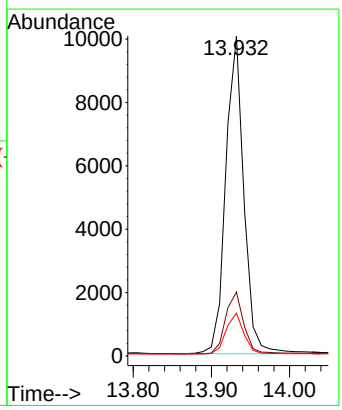


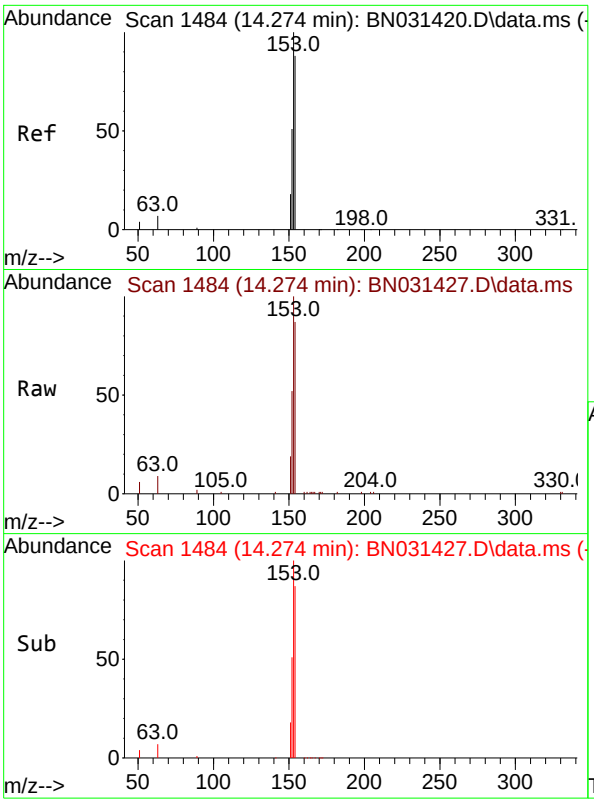


#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:152 Resp: 16012

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	12.9	10.5	15.7



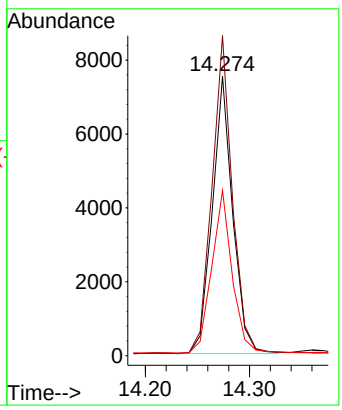


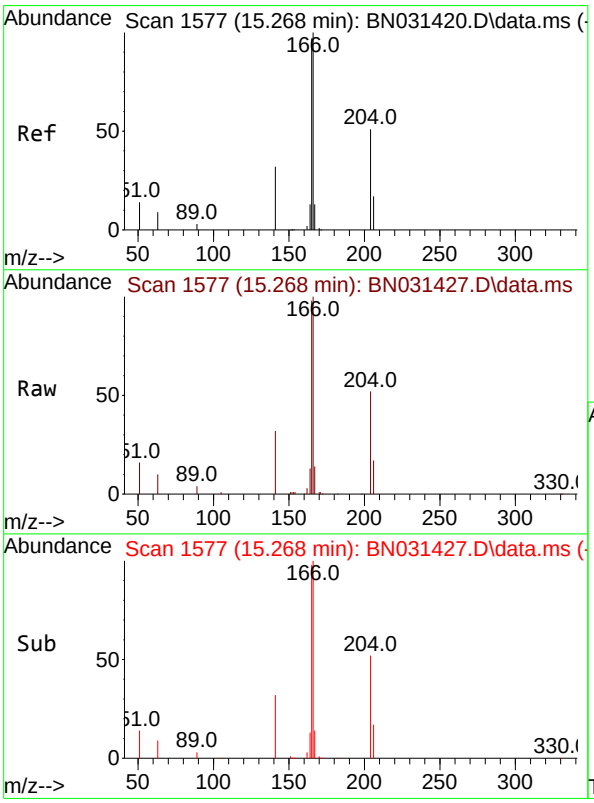
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:154 Resp: 10225

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.4	135.6
152	58.3	46.4	69.6

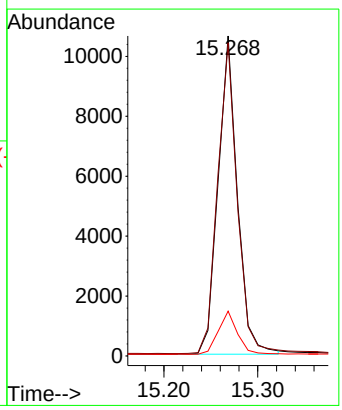


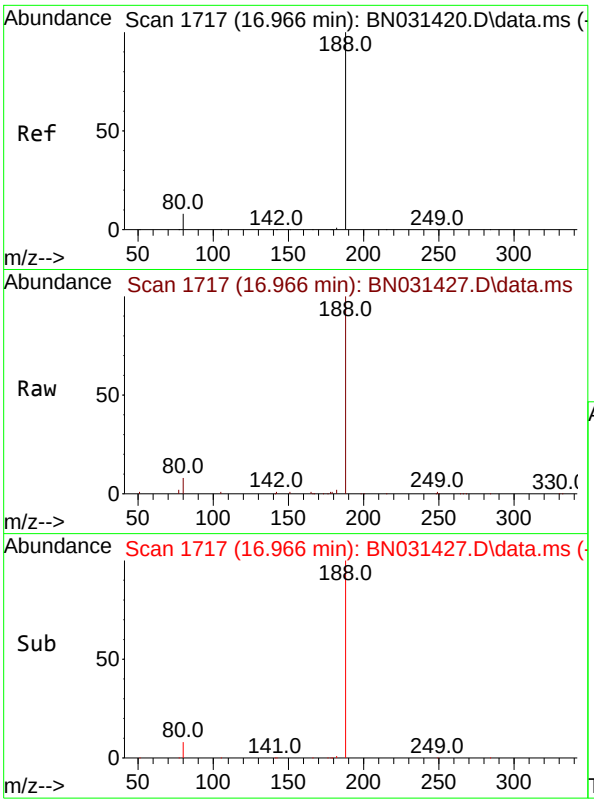


#18
Fluorene
Concen: 0.442 ng
RT: 15.268 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:166 Resp: 15190

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.5	10.8	16.2



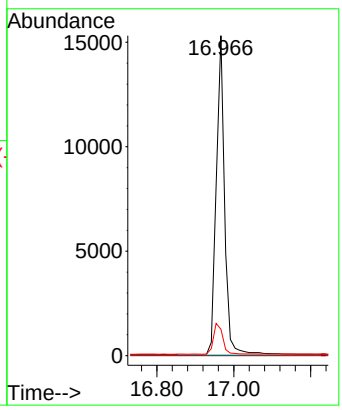


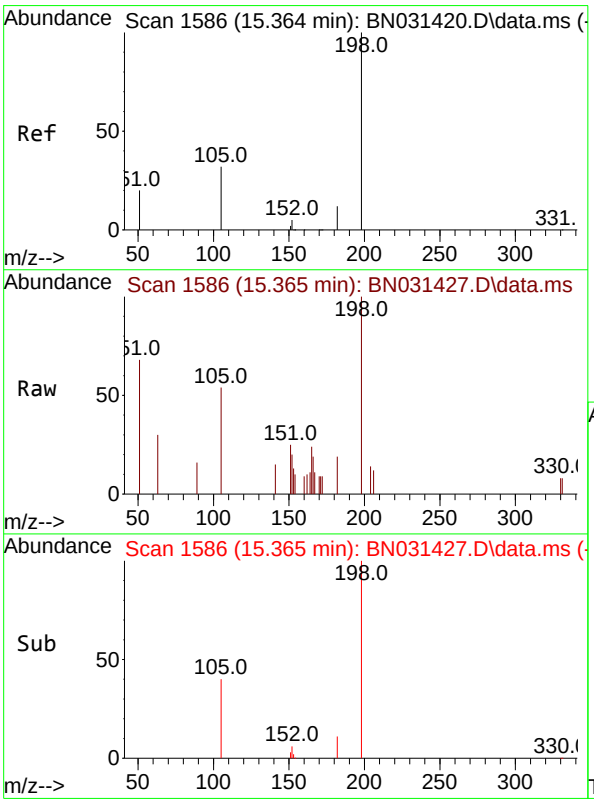
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:188 Resp: 22881

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.8	10.2

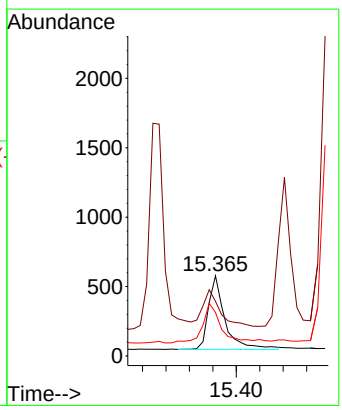


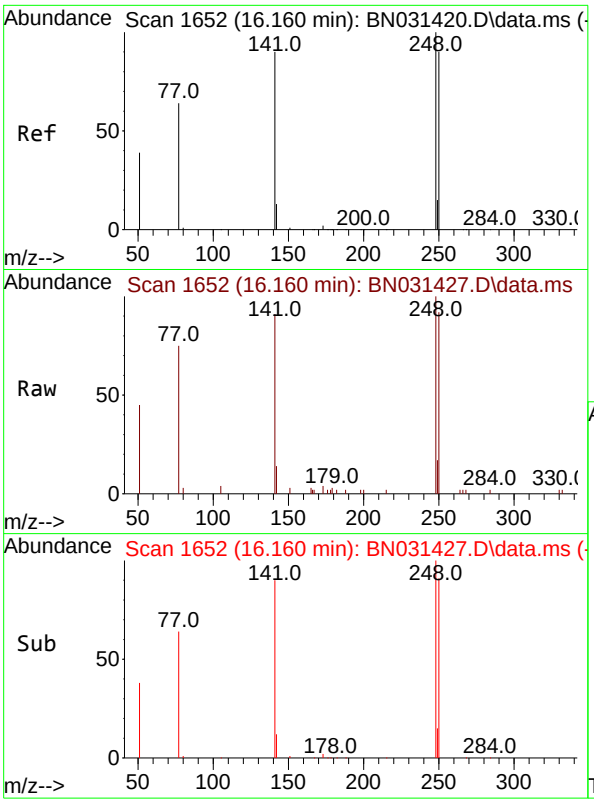


#20
4,6-Dinitro-2-methylphenol
Concen: 0.320 ng
RT: 15.365 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:198 Resp: 1036

Ion	Ratio	Lower	Upper
198	100		
51	68.0	47.4	71.2
105	54.3	35.7	53.5#



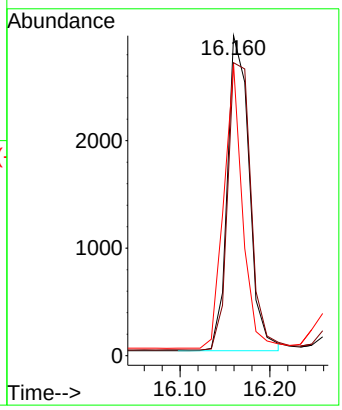


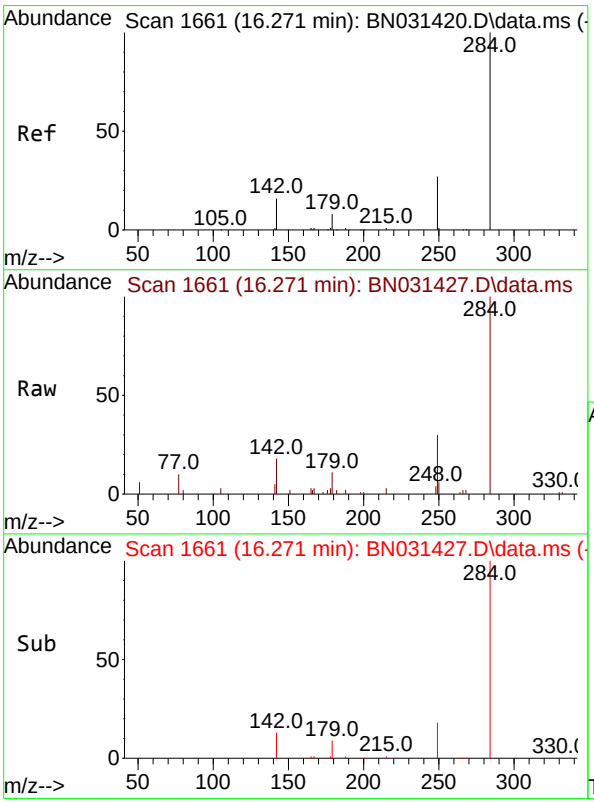
#21
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.160 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:248 Resp: 4954

Ion	Ratio	Lower	Upper
248	100		
250	91.5	72.3	108.5
141	91.2	72.9	109.3

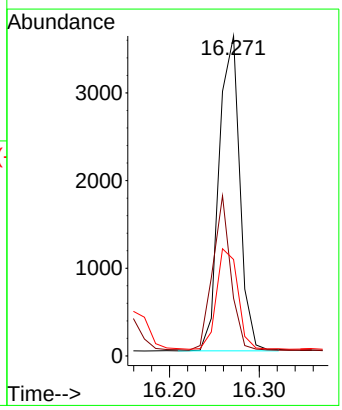


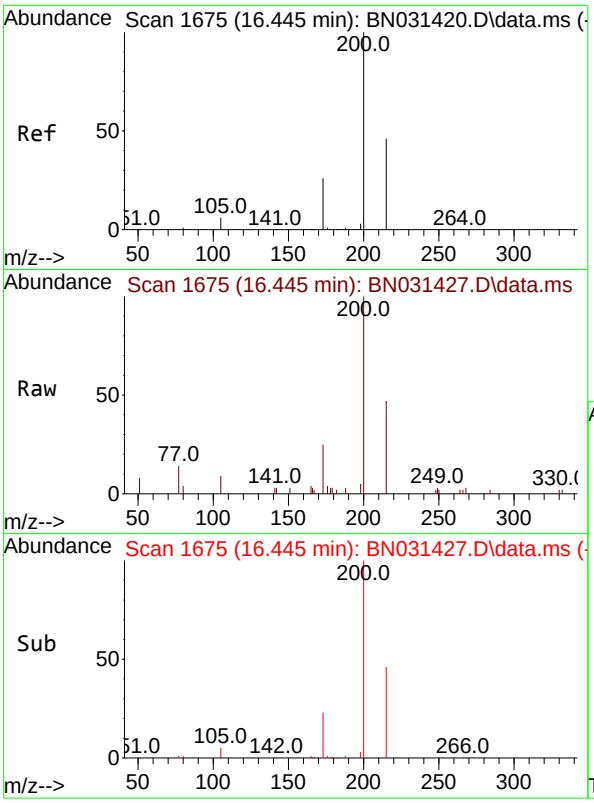


#22
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.271 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:284 Resp: 5765

Ion	Ratio	Lower	Upper
284	100		
142	42.7	33.8	50.8
249	32.8	25.8	38.8



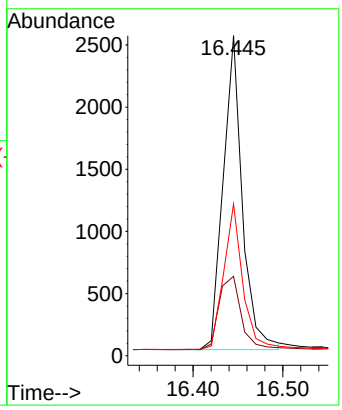


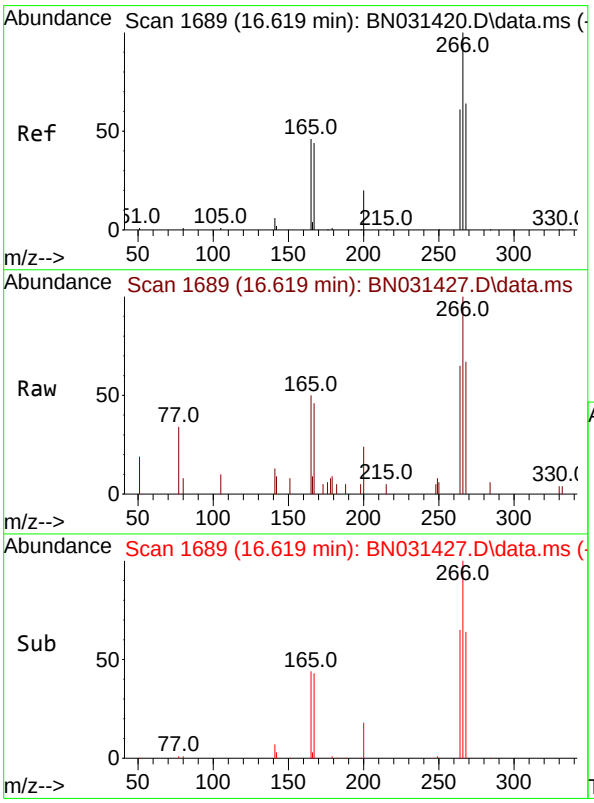
#23
Atrazine
Concen: 0.360 ng
RT: 16.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:200 Resp: 3731

Ion	Ratio	Lower	Upper
200	100		
173	24.8	21.8	32.6
215	47.4	37.5	56.3

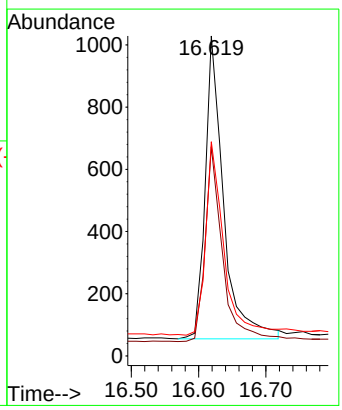


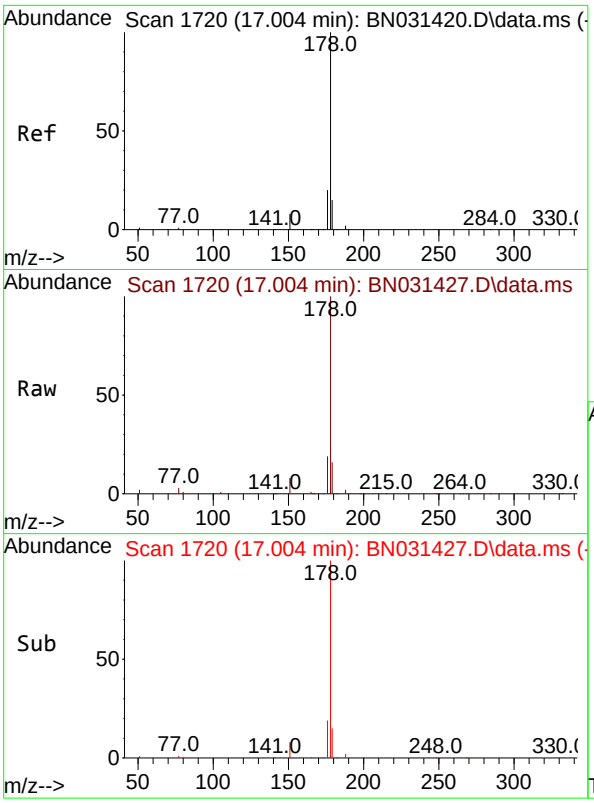


#24
Pentachlorophenol
Concen: 0.372 ng
RT: 16.619 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:266 Resp: 1851

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.0	73.4
268	61.9	51.0	76.4



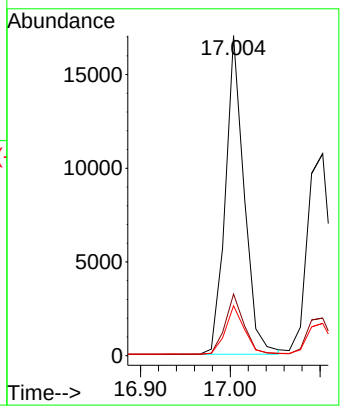


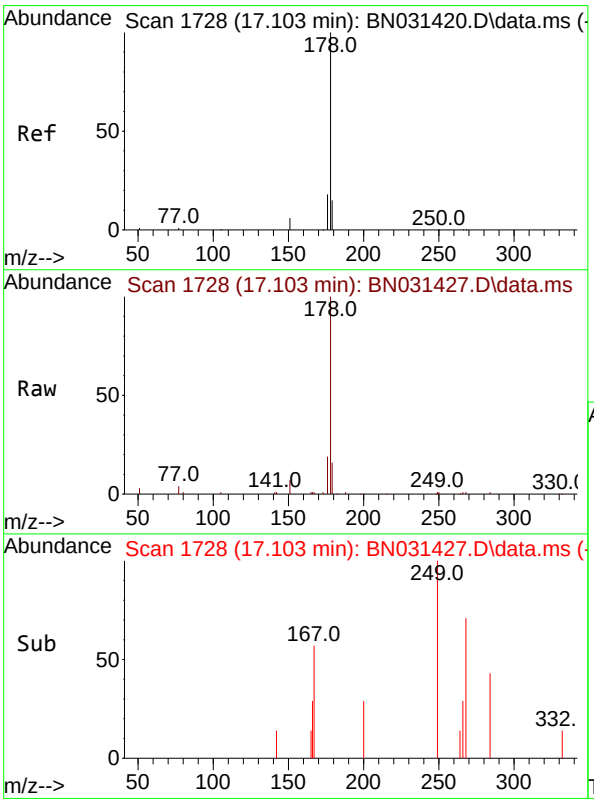
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:178 Resp: 24660

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.3	18.5

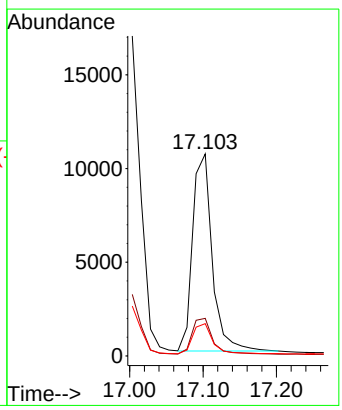


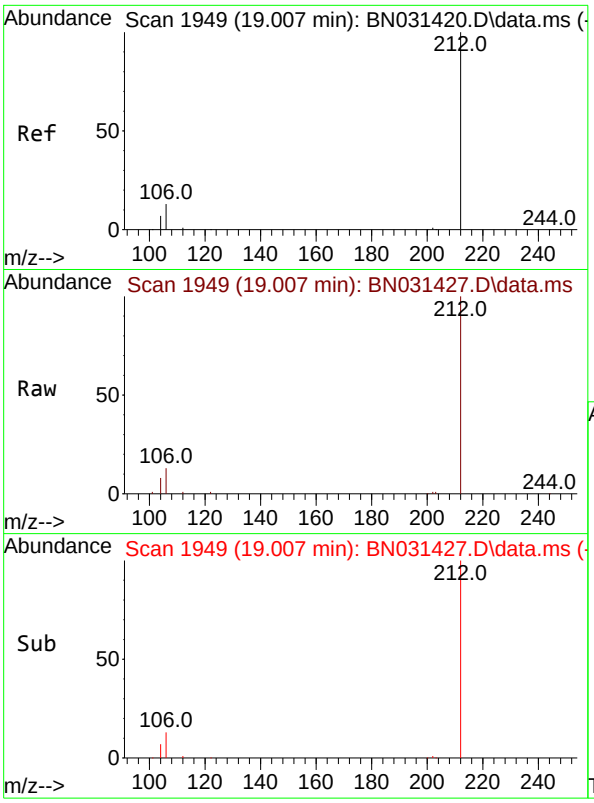


#26
Anthracene
Concen: 0.354 ng
RT: 17.103 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:178 Resp: 19524

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.5	21.7
179	15.2	12.1	18.1



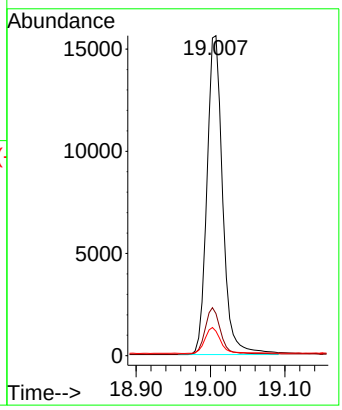


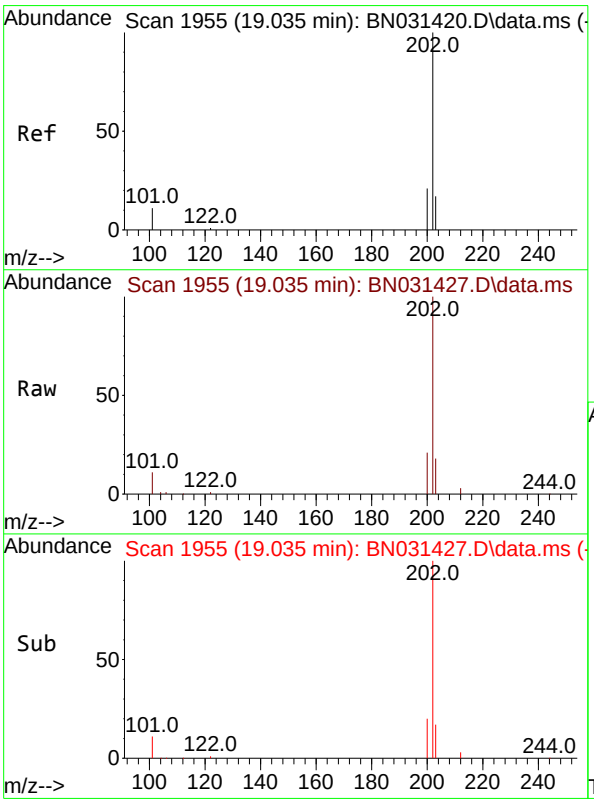
#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.007 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:212 Resp: 22913

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.5	17.3
104	8.2	6.4	9.6

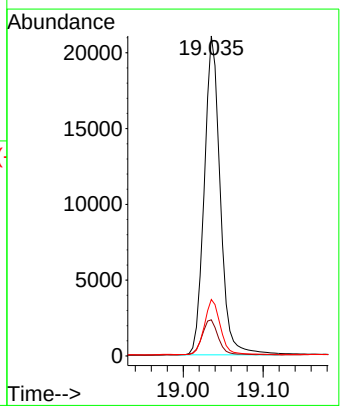


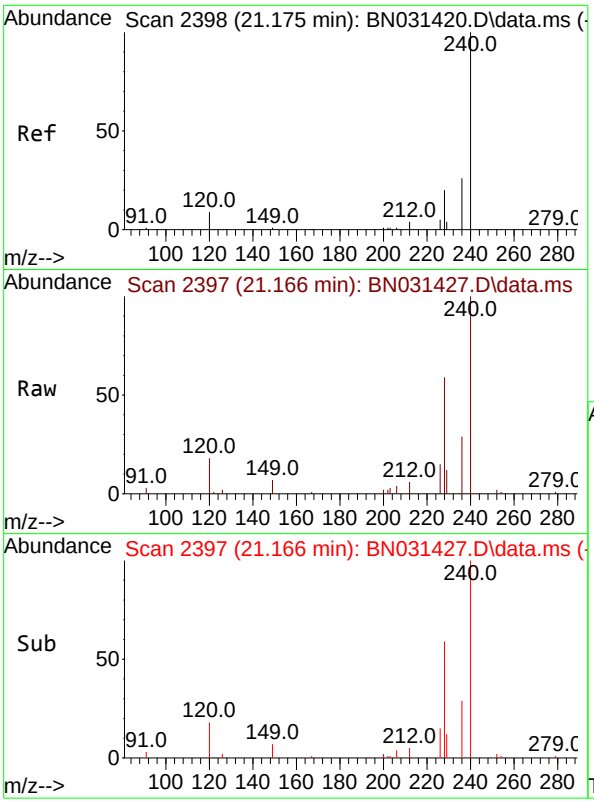


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:202 Resp: 29201

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
203	17.2	13.7	20.5



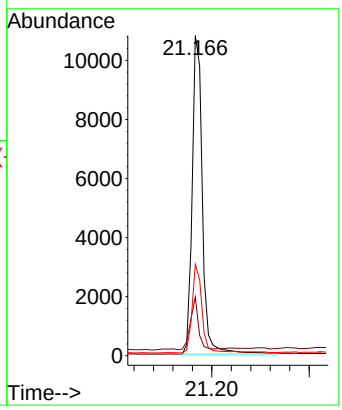


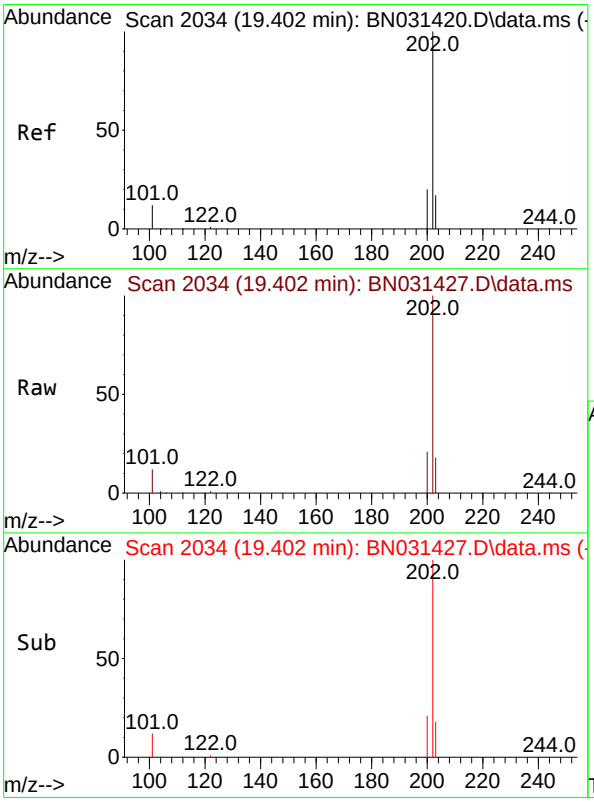
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:240 Resp: 15708

Ion	Ratio	Lower	Upper
240	100		
120	18.3	7.9	11.9#
236	28.6	21.4	32.2

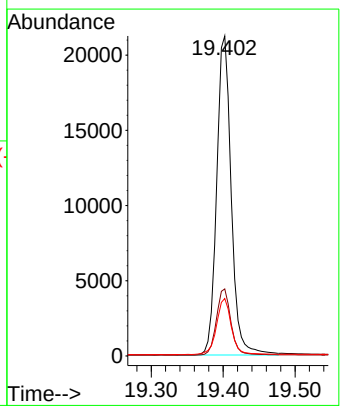


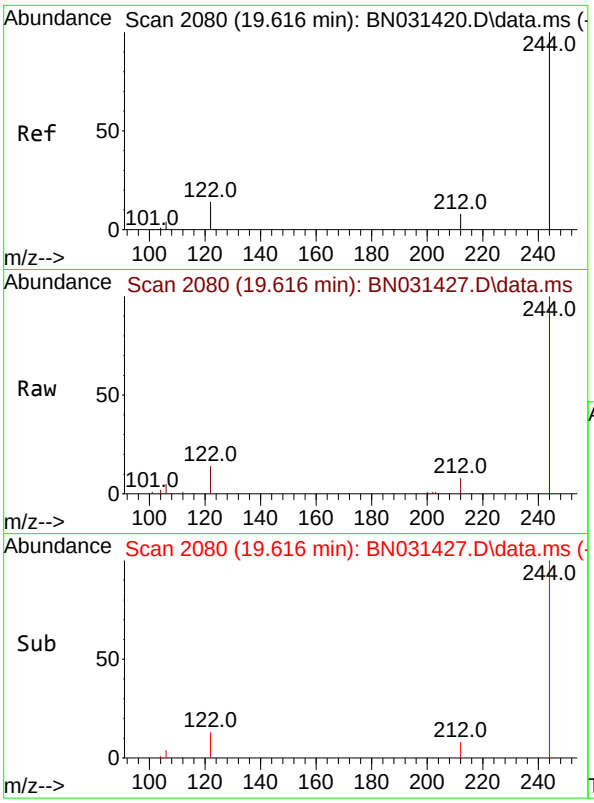


#30
Pyrene
Concen: 0.554 ng
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:202 Resp: 29766

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	18.1	14.3	21.5



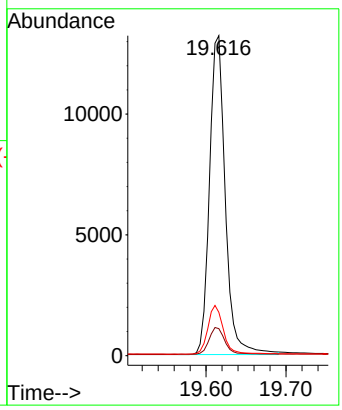


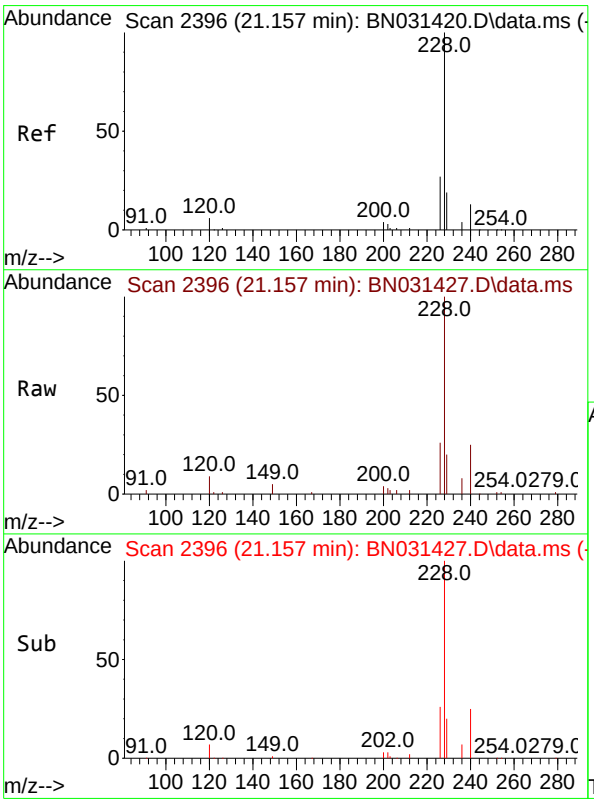
#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.616 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:244 Resp: 18102

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	13.6	11.4	17.2

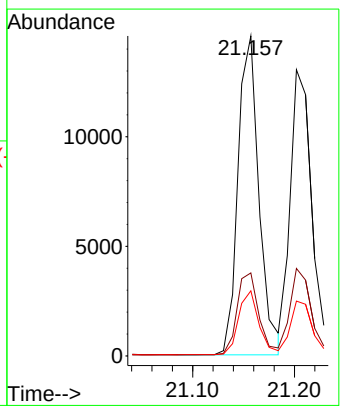


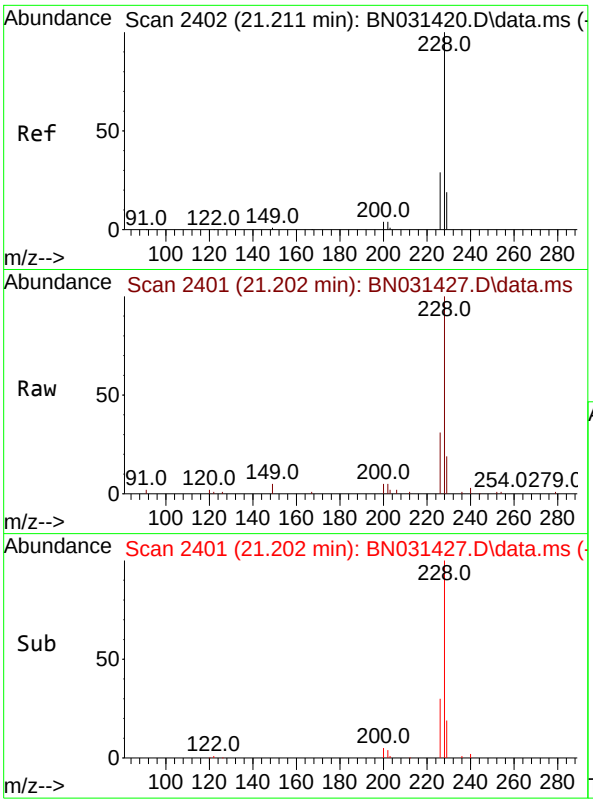


#32
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:228 Resp: 20851

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.6
229	20.3	15.6	23.4



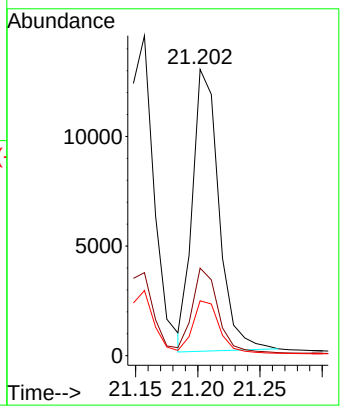


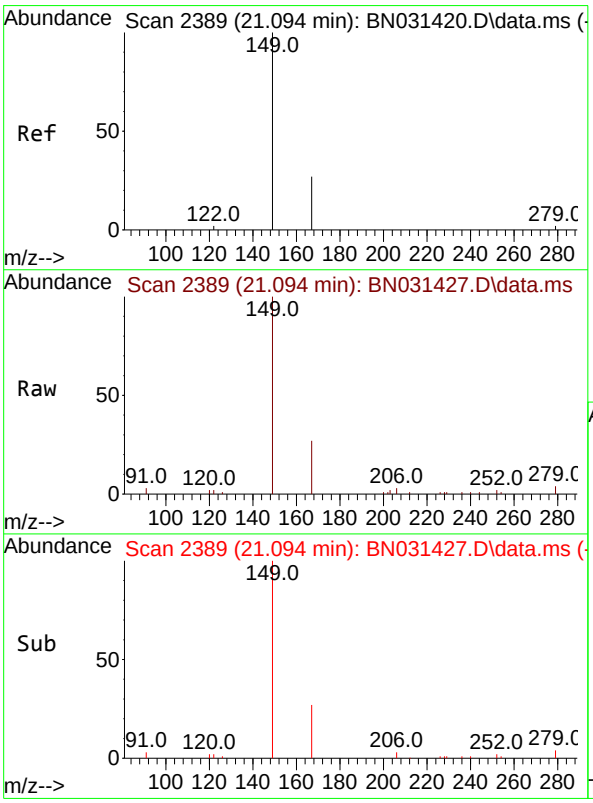
#33
Chrysene
Concen: 0.336 ng
RT: 21.202 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:228 Resp: 19002

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	19.1	15.8	23.8

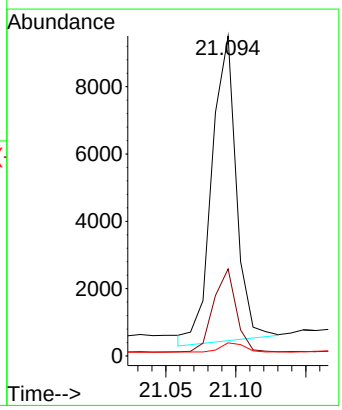


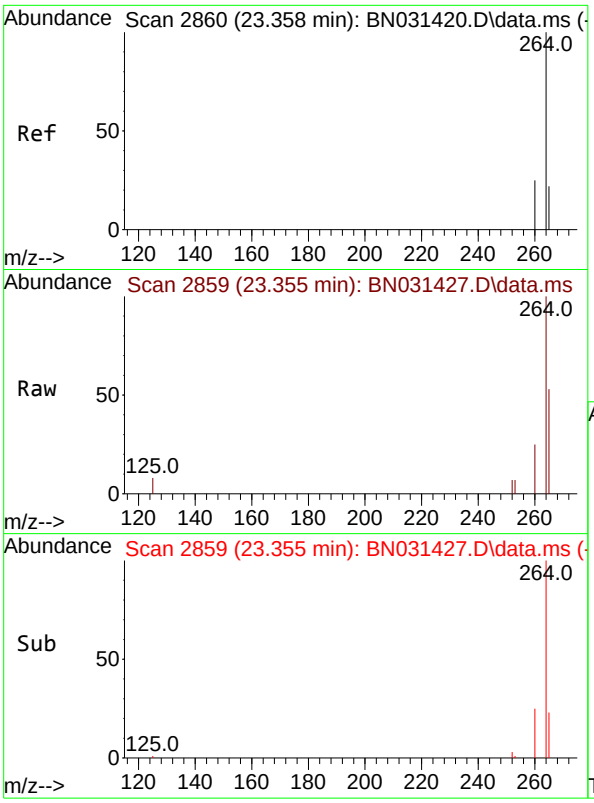


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.384 ng
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:149 Resp: 11005

Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.0	34.4
279	11.5	3.2	4.8#



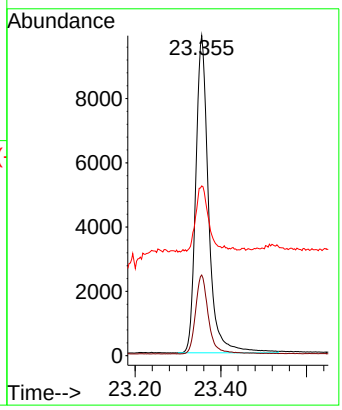


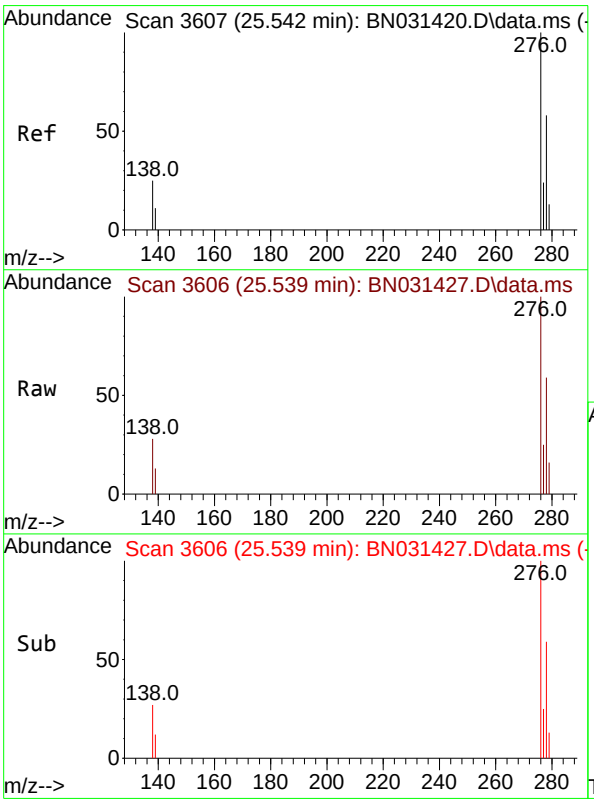
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.355 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:264 Resp: 20531

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	53.0	43.4	65.2

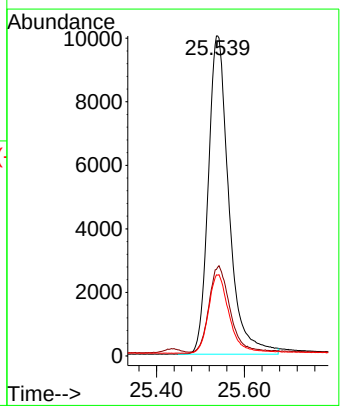


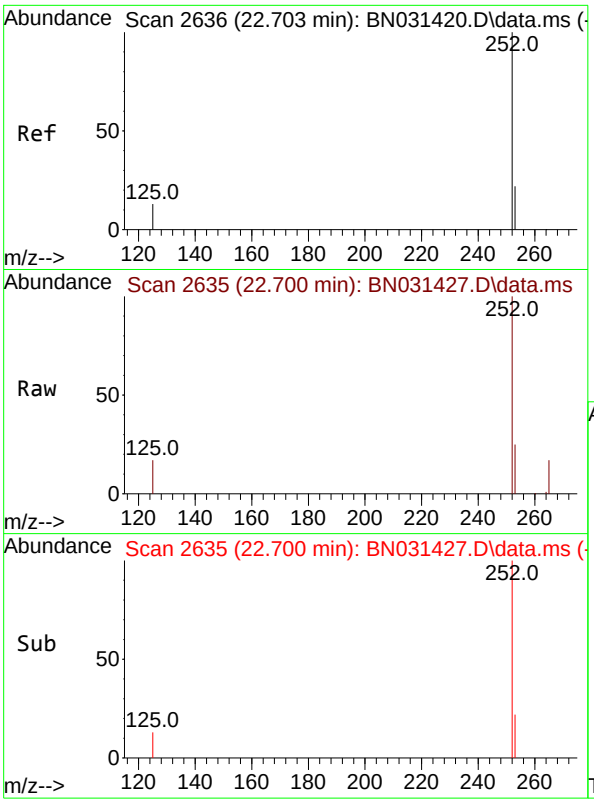


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 25.539 min Scan# 3606
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:276 Resp: 32609

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.5	32.3
277	24.9	19.8	29.8



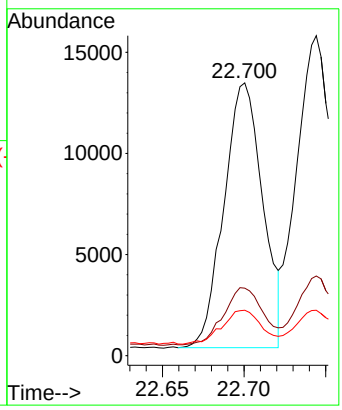


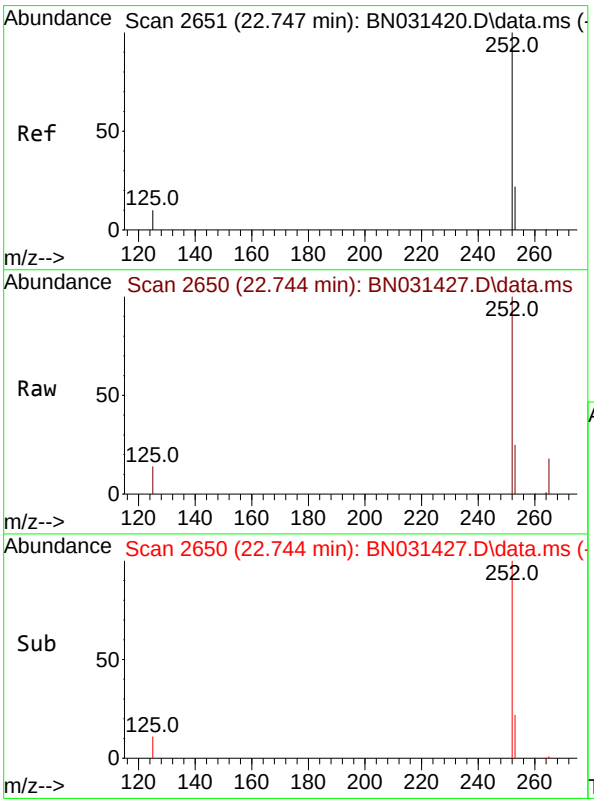
#37
Benzo(b)fluoranthene
Concen: 0.269 ng
RT: 22.700 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:252 Resp: 21695

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.5	29.3
125	16.7	12.9	19.3

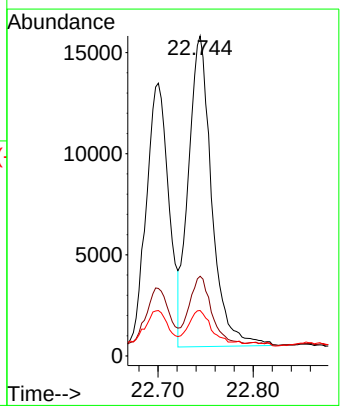


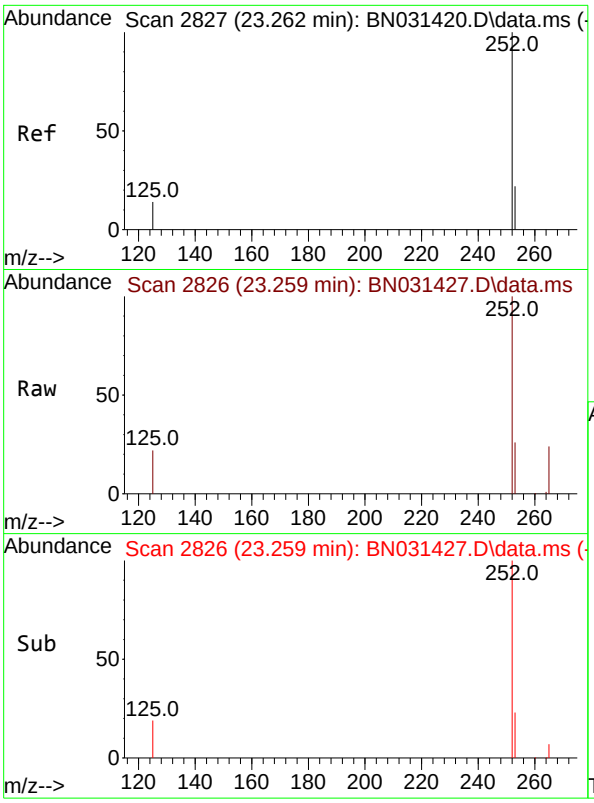


#38
Benzo(k)fluoranthene
Concen: 0.330 ng
RT: 22.744 min Scan# 2650
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:252 Resp: 26034

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.5	29.3
125	14.2	11.5	17.3



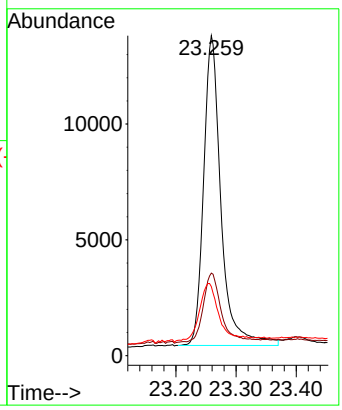


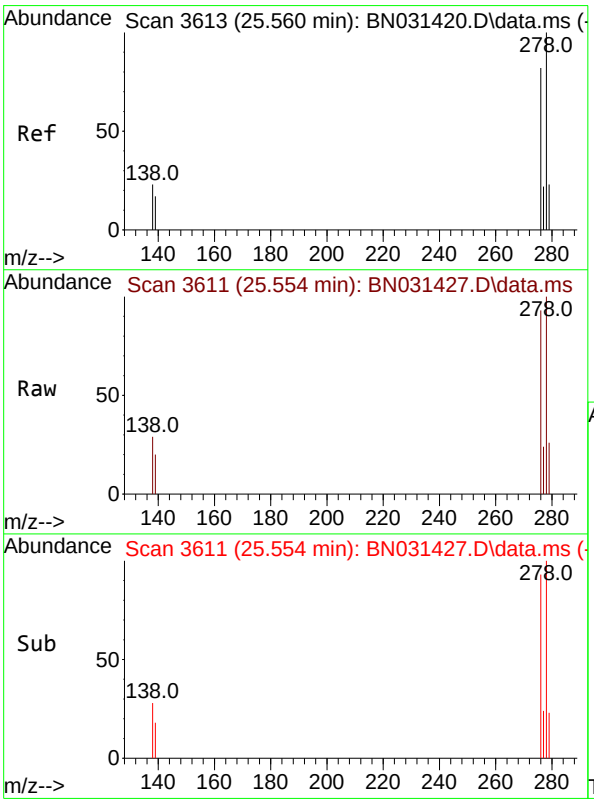
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.259 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:252 Resp: 26763

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.8	31.2
125	21.6	15.2	22.8

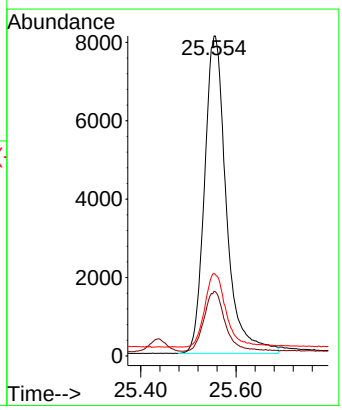


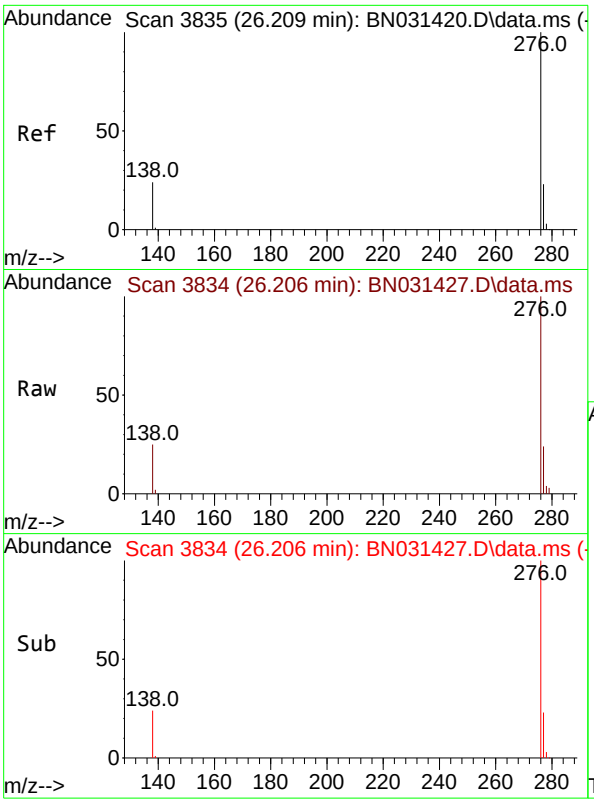


#40
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 25.554 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Tgt Ion:278 Resp: 25724

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.7	22.1
279	25.8	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.434 ng
RT: 26.206 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN031427.D
Acq: 07 May 2024 18:17

Instrument :
BNA_N
ClientSampleId :
PB160745BS

Tgt Ion:276 Resp: 28786

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.2
138	25.3	19.7	29.5