Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034584.D
Acq On : 14 Oct 2024 22:55
Operator : RC/JU
Sample : PB164072BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Quant Time: Oct 15 00:06:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.365	152	5203	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	14775	0.400	ng	0.00
13) Acenaphthene-d10	14.008	164	7913	0.400	ng	-0.01
19) Phenanthrene-d10	16.771	188	13541	0.400	ng	#-0.01
29) Chrysene-d12	21.008	240	5062	0.400	ng	0.00
35) Perylene-d12	23.104	264	9196	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4829	0.342	ng	0.00
5) Phenol-d6	6.578	99	4934	0.338	ng	0.01
8) Nitrobenzene-d5	8.504	82	3793	0.394	ng	-0.01
11) 2-Methylnaphthalene-d10	11.719	152	11978	0.541	ng	0.00
14) 2,4,6-Tribromophenol	15.530	330	1004	0.286	ng	0.00
15) 2-Fluorobiphenyl	12.629	172	10600	0.388	ng	-0.01
27) Fluoranthene-d10	18.825	212	11794	0.358	ng	0.00
31) Terphenyl-d14	19.452	244	7375	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	1925	0.307	ng	# 19
3) n-Nitrosodimethylamine	3.321	42	2642	0.462	ng	98
6) bis(2-Chloroethyl)ether	6.816	93	4769	0.399	ng	97
9) Naphthalene	10.169	128	16400	0.424	ng	99
10) Hexachlorobutadiene	10.458	225	3376	0.400	ng	# 99
12) 2-Methylnaphthalene	11.795	142	10255	0.412	ng	100
16) Acenaphthylene	13.730	152	13168	0.409	ng	100
17) Acenaphthene	14.072	154	9344	0.410	ng	100
18) Fluorene	15.077	166	10977	0.377	ng	100
20) 4,6-Dinitro-2-methylph...	16.287	198	73	0.392	ng	# 67
21) 4-Bromophenyl-phenylether	15.989	248	3041	0.414	ng	98
22) Hexachlorobenzene	16.088	284	4412	0.445	ng	99
23) Atrazine	16.287	200	2257	0.386	ng	99
24) Pentachlorophenol	16.448	266	1913	0.674	ng	96
25) Phenanthrene	16.821	178	15303	0.428	ng	99
26) Anthracene	16.908	178	12849	0.414	ng	99
28) Fluoranthene	18.853	202	15043	0.370	ng	99
30) Pyrene	19.220	202	15424	0.311	ng	100
33) Chrysene	21.035	228	16224	0.358	ng	99
36) Indeno(1,2,3-cd)pyrene	25.159	276	18763	0.525	ng	98
37) Benzo(b)fluoranthene	22.484	252	12783	0.416	ng	99
38) Benzo(k)fluoranthene	22.528	252	14905	0.426	ng	100
39) Benzo(a)pyrene	23.016	252	12624	0.473	ng	99
40) Dibenzo(a,h)anthracene	25.180	278	14187	0.519	ng	98
41) Benzo(g,h,i)perylene	25.779	276	16135	0.494	ng	99

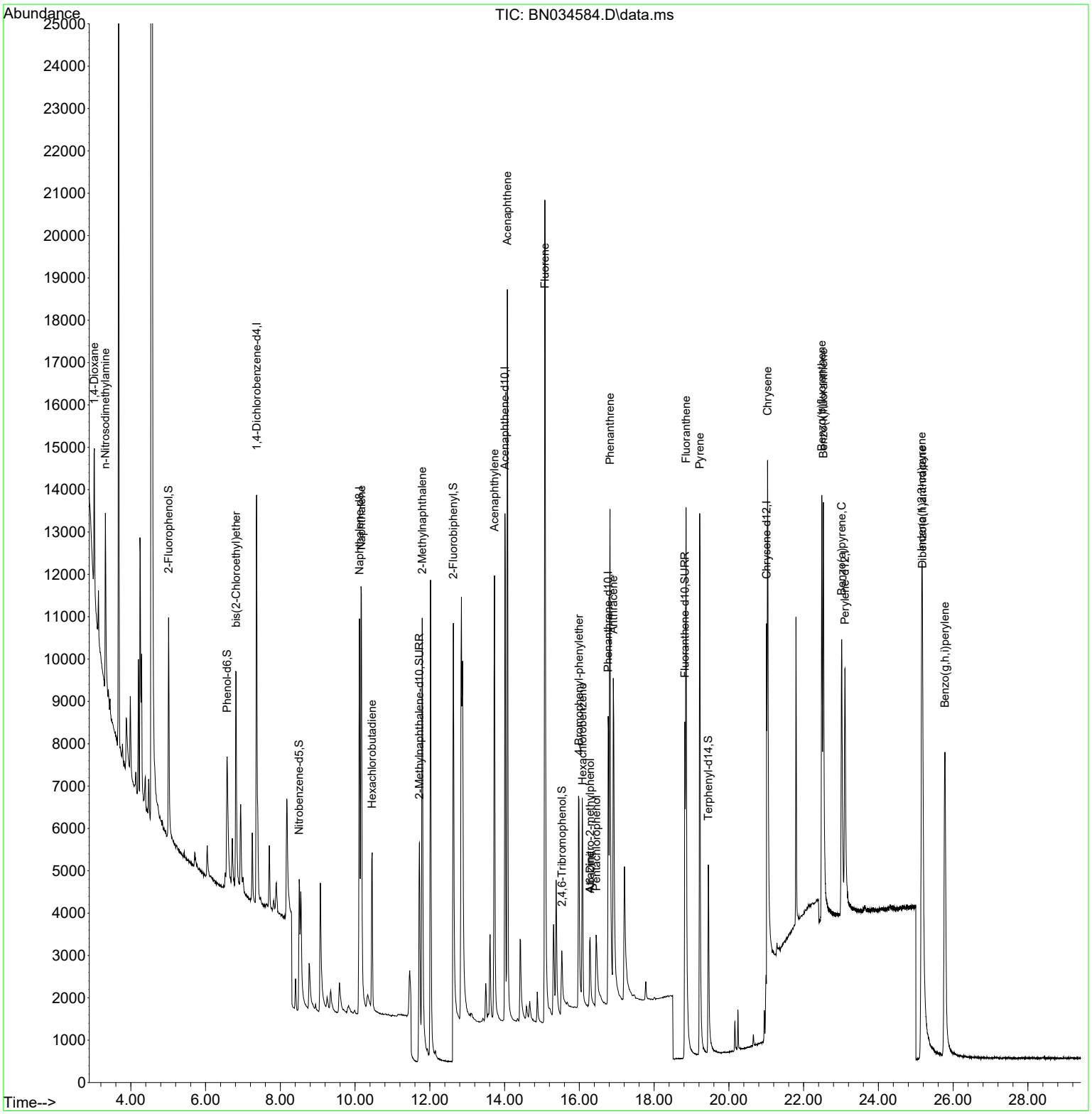
(#) = qualifier out of range (m) = manual integration (+) = signals summed

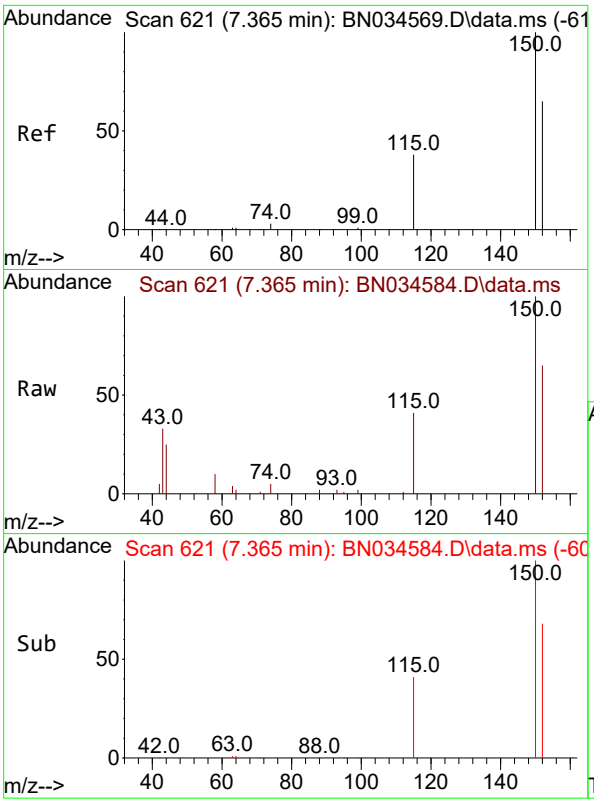
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034584.D
Acq On : 14 Oct 2024 22:55
Operator : RC/JU
Sample : PB164072BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Quant Time: Oct 15 00:06:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration



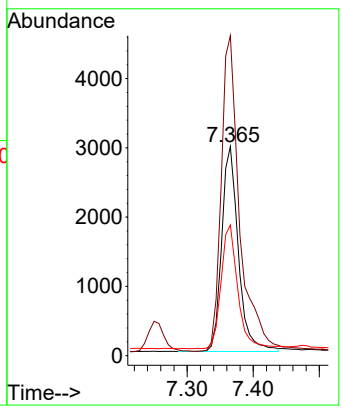


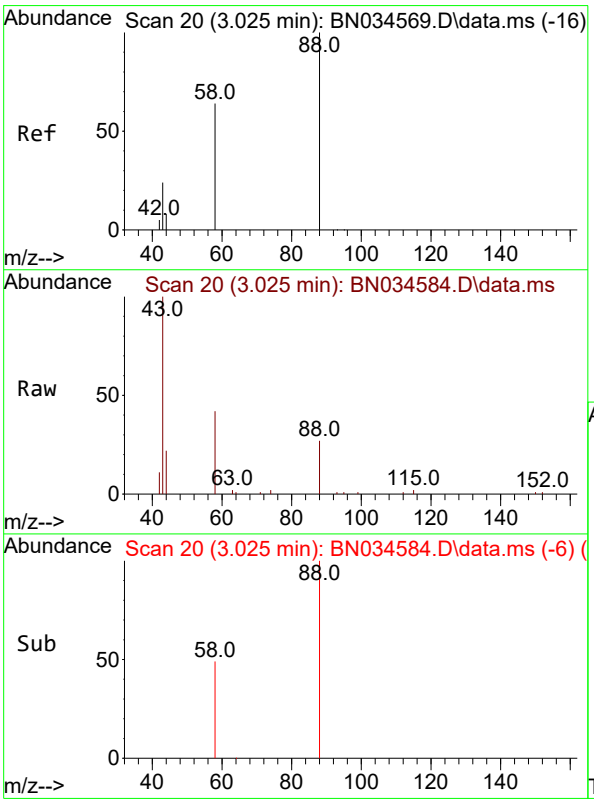
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.365 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:152 Resp: 5203

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.0	183.0
115	62.5	48.3	72.5

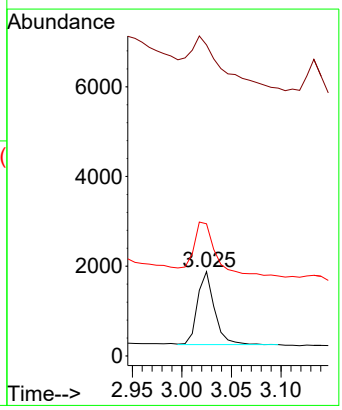


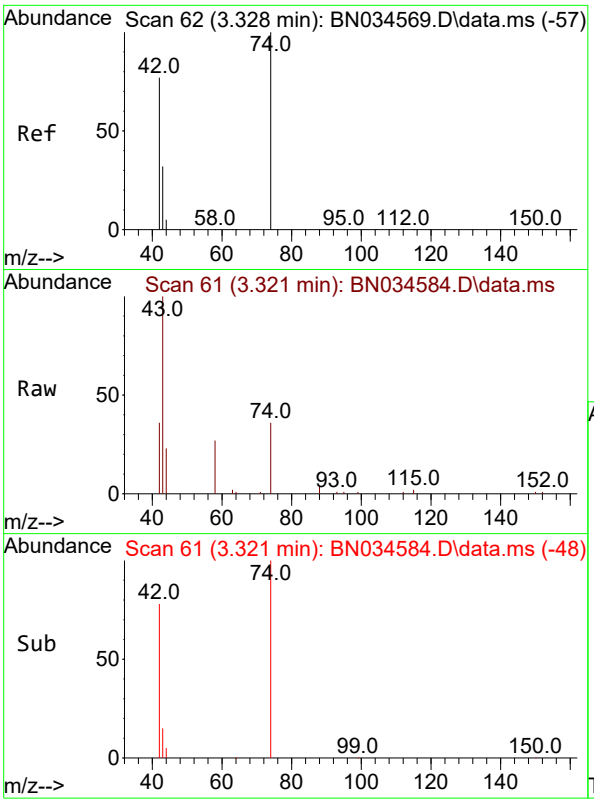


#2
1,4-Dioxane
Concen: 0.307 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion: 88 Resp: 1925

Ion	Ratio	Lower	Upper
88	100		
43	134.3	22.8	34.2#
58	97.5	56.4	84.6#



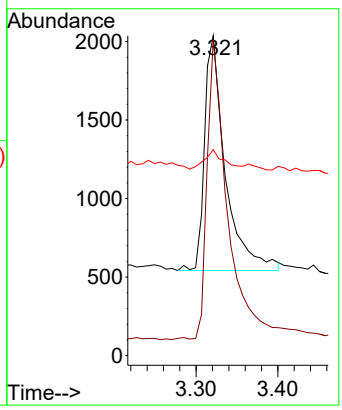


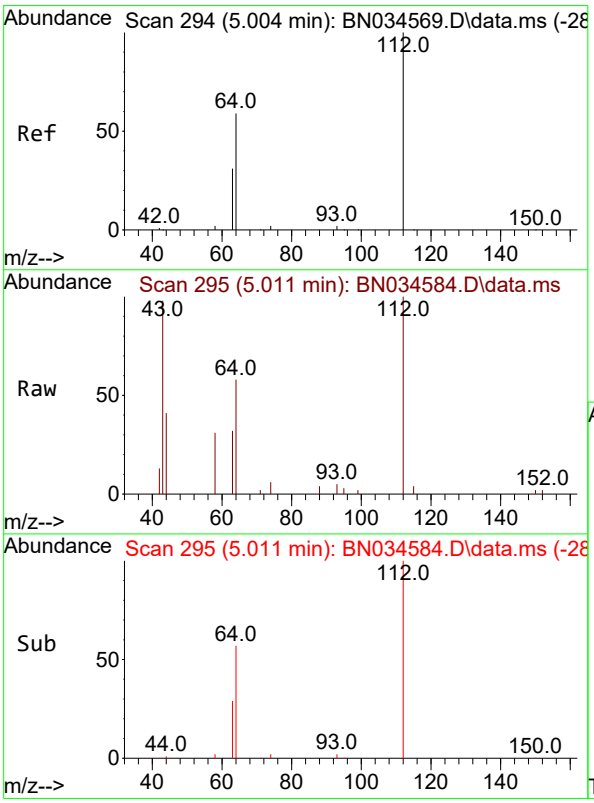
#3
n-Nitrosodimethylamine
Concen: 0.462 ng
RT: 3.321 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion: 42 Resp: 2642

Ion	Ratio	Lower	Upper
42	100		
74	125.9	99.0	148.6
44	7.3	6.6	9.8

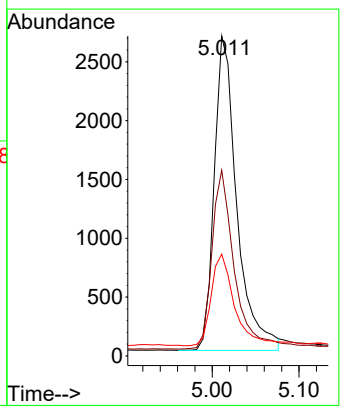


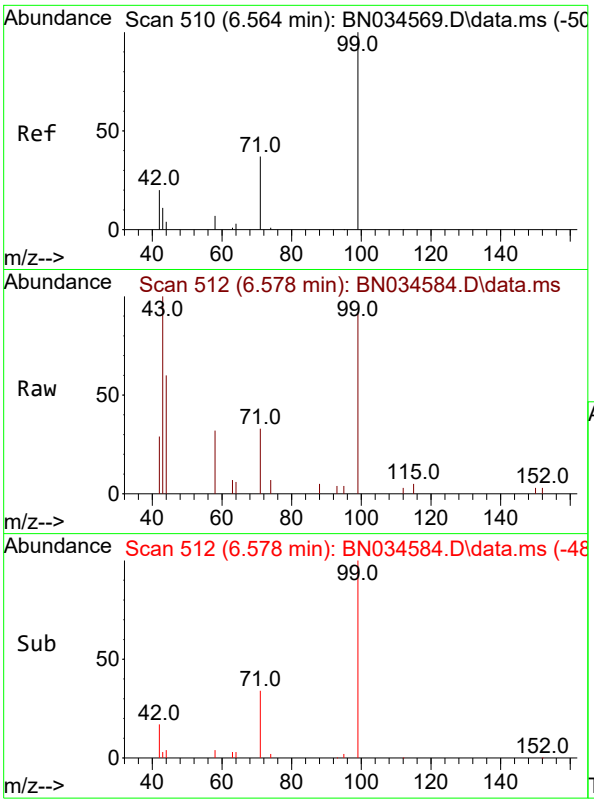


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.007 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:112 Resp: 4829

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.6	66.8
63	30.0	23.8	35.6



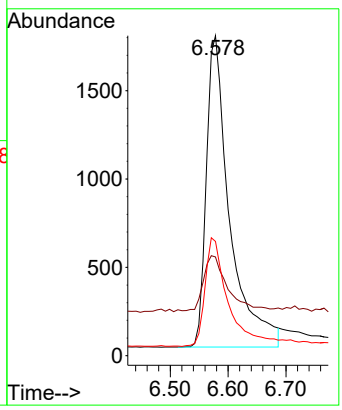


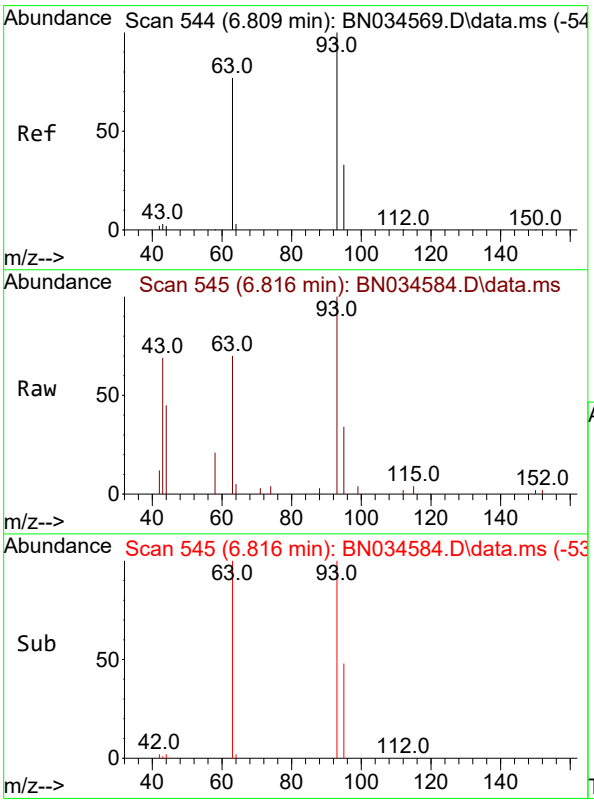
#5
Phenol-d6
Concen: 0.338 ng
RT: 6.578 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion: 99 Resp: 4934

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.0	22.6
71	34.6	28.0	42.0

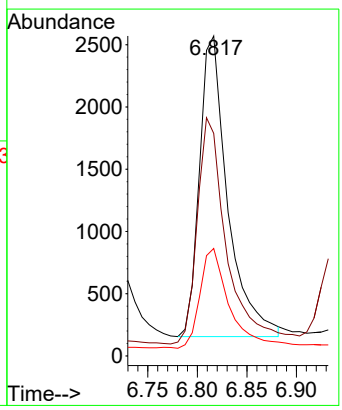


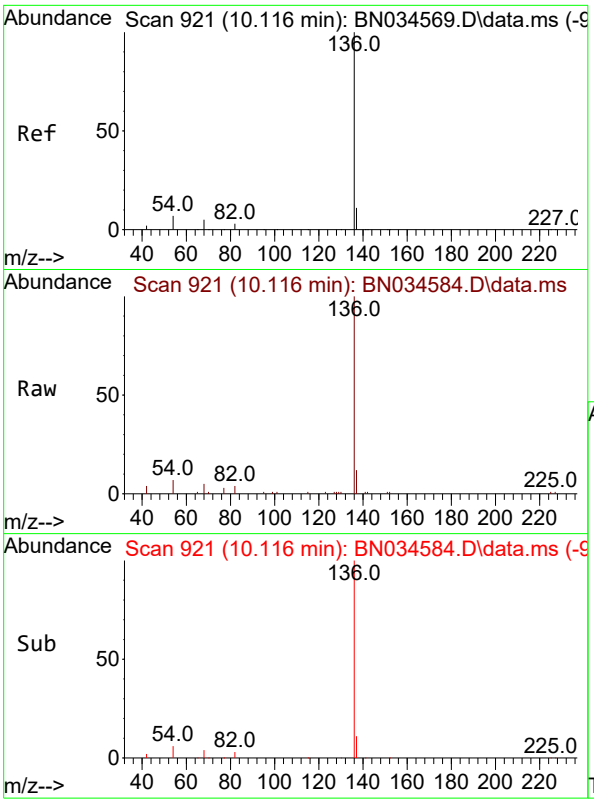


#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 6.816 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion: 93 Resp: 4769

Ion	Ratio	Lower	Upper
93	100		
63	77.6	64.6	96.8
95	34.0	27.9	41.9



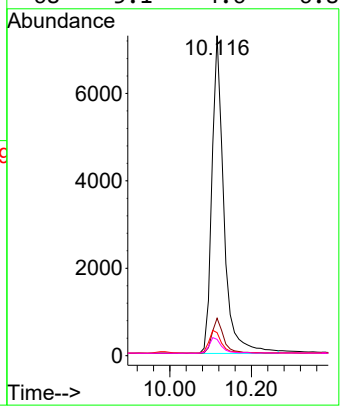


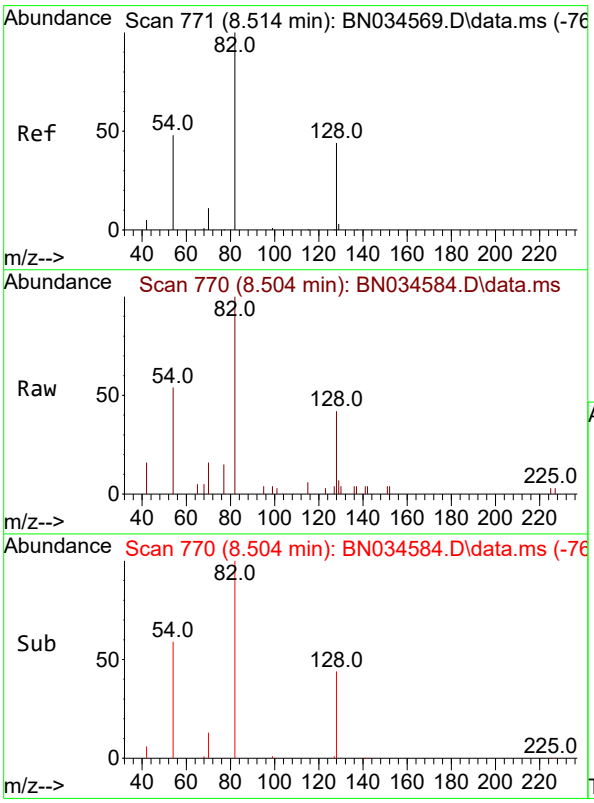
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:136 Resp: 14775

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	7.2	6.2	9.4
68	5.1	4.6	6.8

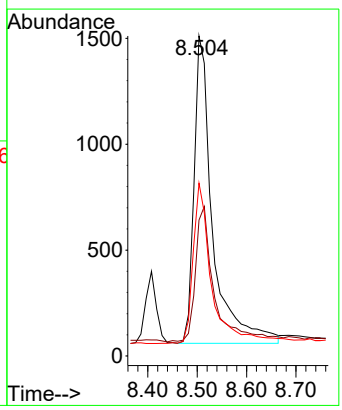


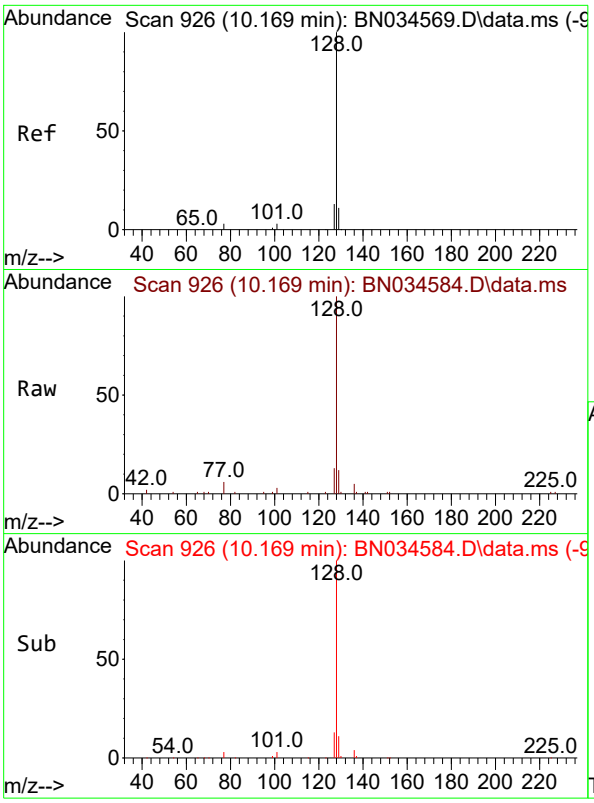


#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.504 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion: 82 Resp: 3793

Ion	Ratio	Lower	Upper
82	100		
128	42.5	38.0	57.0
54	54.0	40.6	60.8



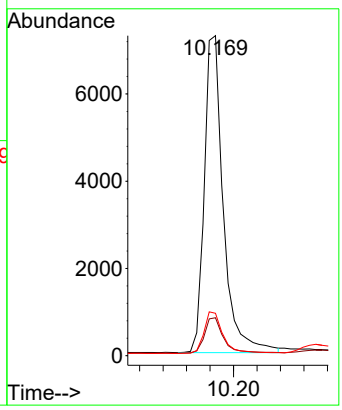


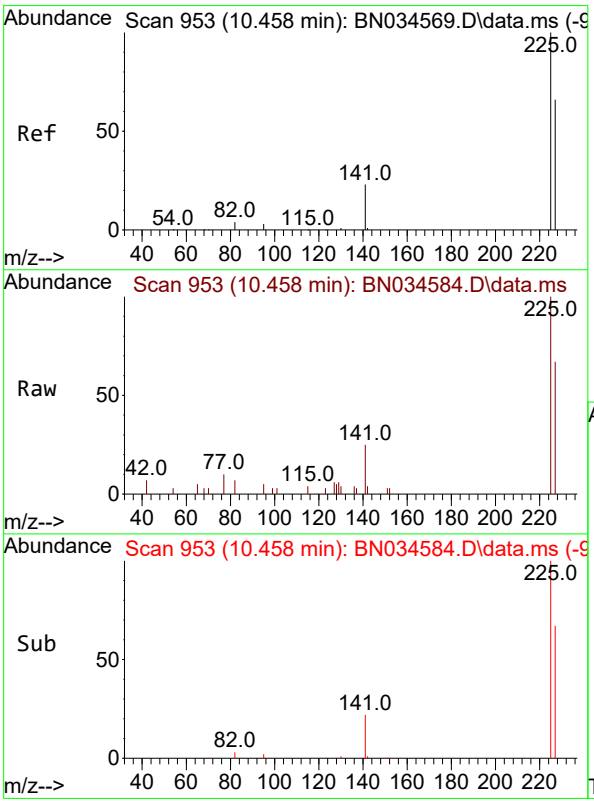
#9
Naphthalene
Concen: 0.424 ng
RT: 10.169 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:128 Resp: 16400

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.2	10.8	16.2

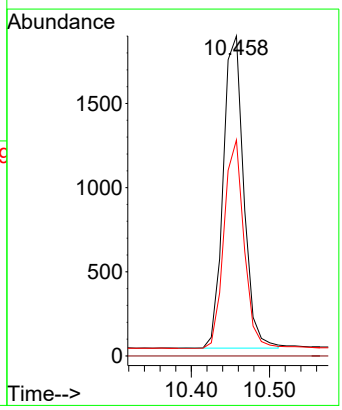


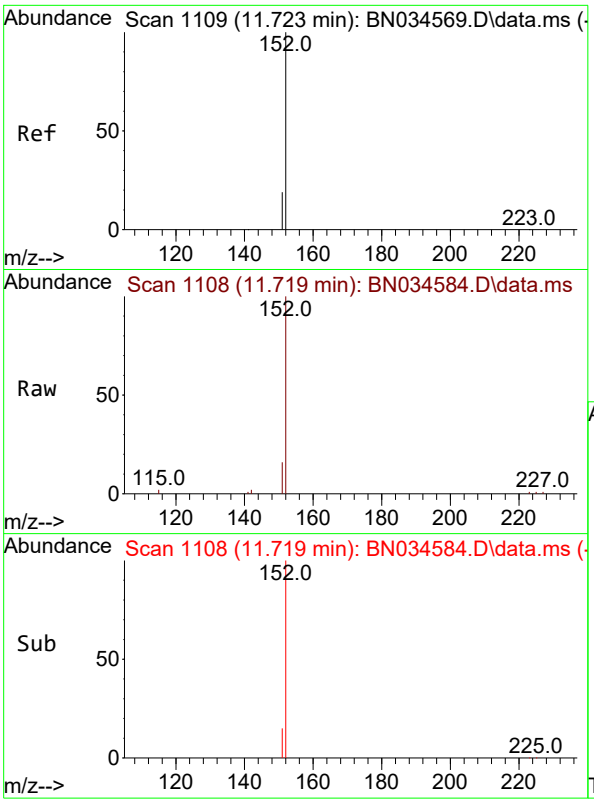


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:225 Resp: 3376

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.1	51.4	77.0



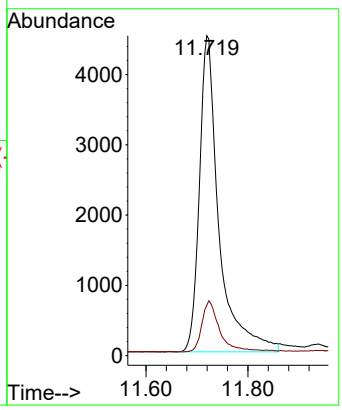


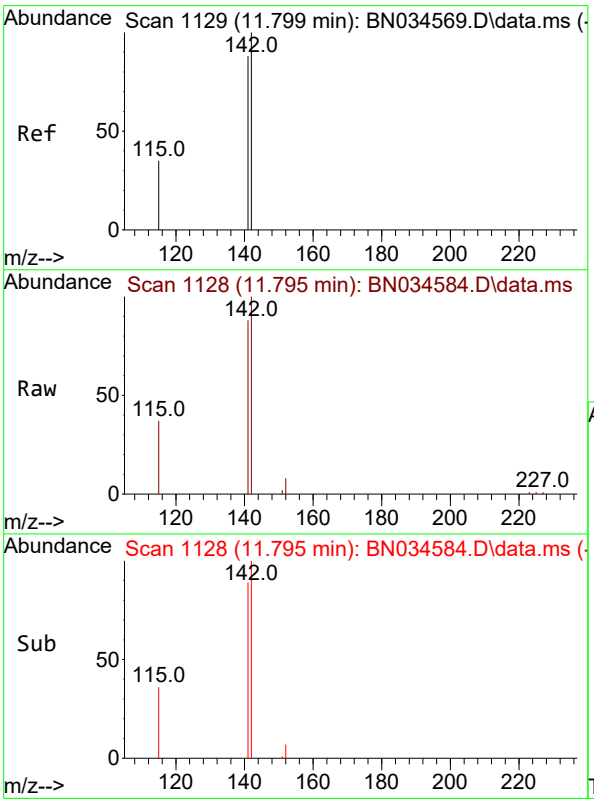
#11
2-Methylnaphthalene-d10
Concen: 0.541 ng
RT: 11.719 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:152 Resp: 11978

Ion	Ratio	Lower	Upper
152	100		
151	14.6	16.7	25.1#

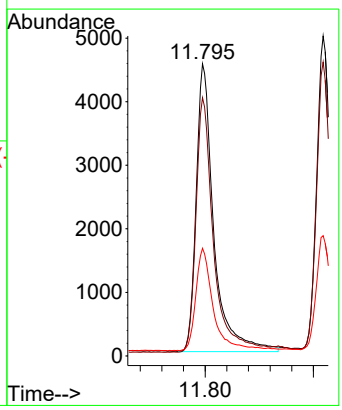


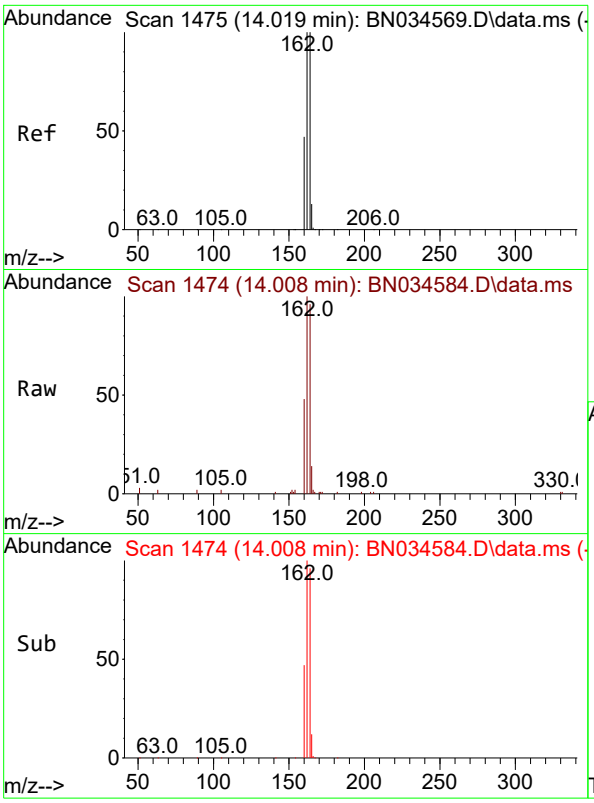


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 11.795 min Scan# 1128
Delta R.T. -0.004 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:142 Resp: 10255

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	105.8
115	36.9	29.2	43.8



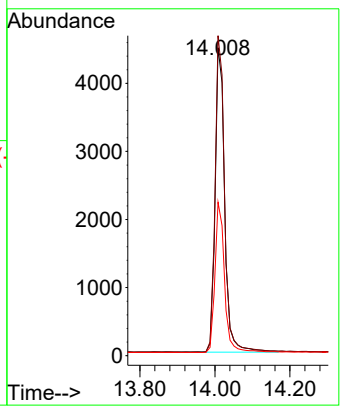


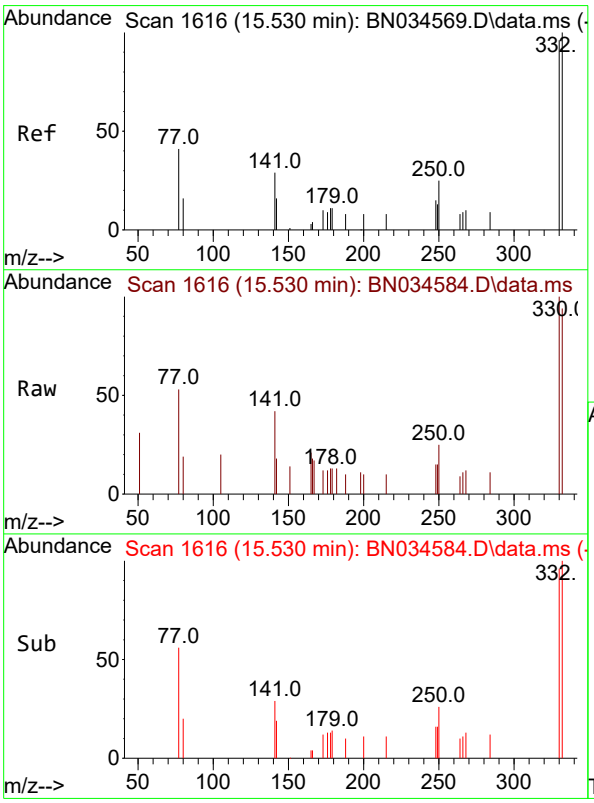
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.008 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:164 Resp: 7913

Ion	Ratio	Lower	Upper
164	100		
162	103.9	79.7	119.5
160	49.8	37.9	56.9

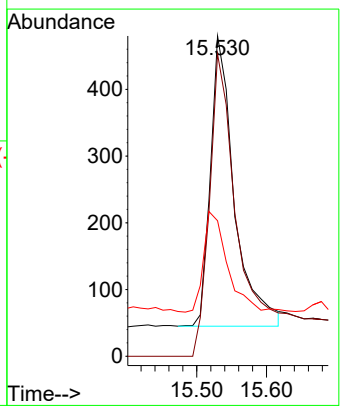


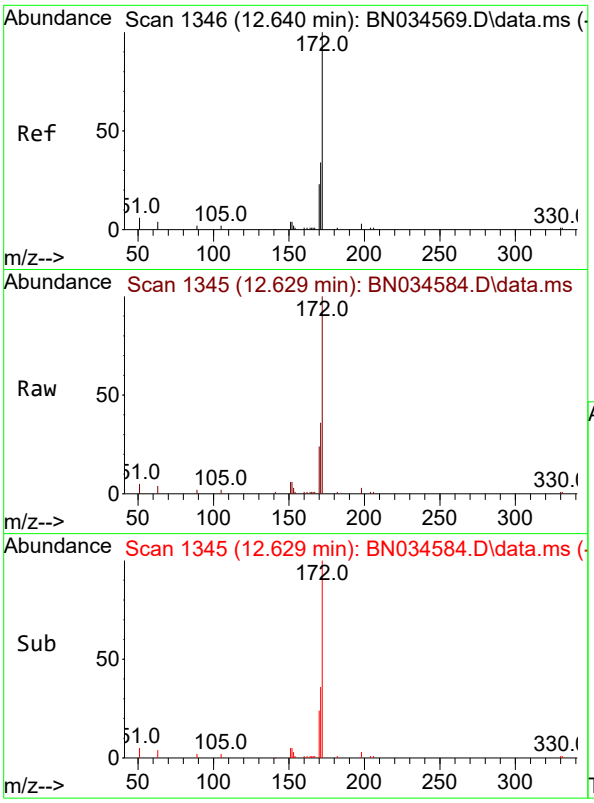


#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.530 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:330 Resp: 1004

Ion	Ratio	Lower	Upper
330	100		
332	127.4	104.3	156.5
141	35.5	29.4	44.0



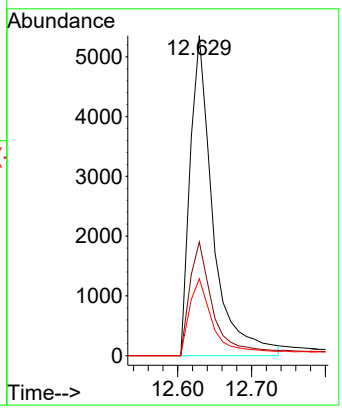


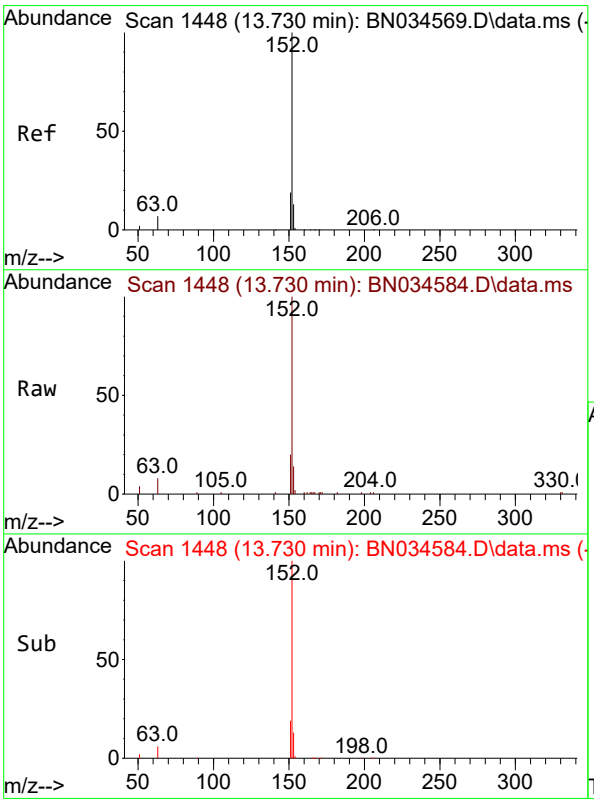
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.629 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:172 Resp: 10600

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.1	40.7
170	24.0	18.5	27.7

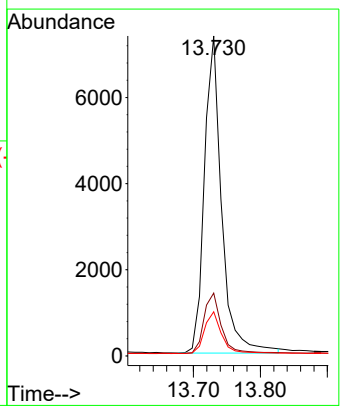


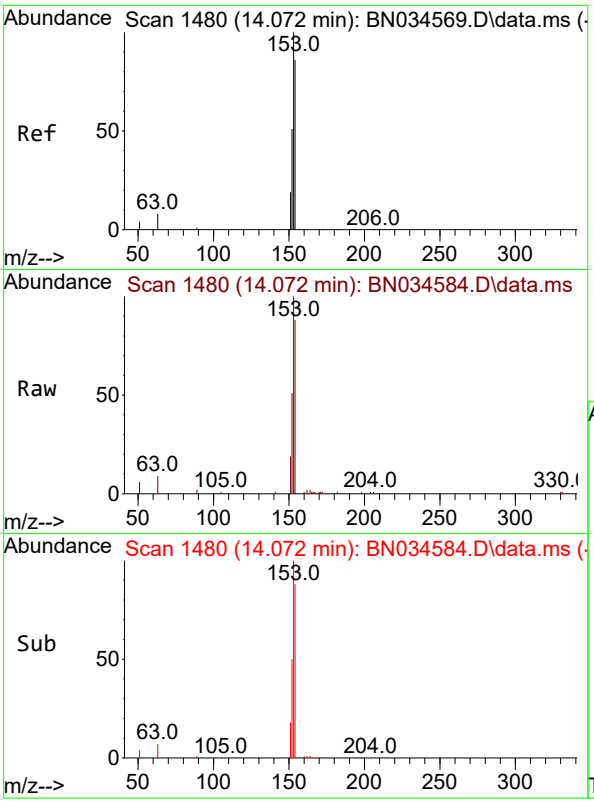


#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.730 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:152 Resp: 13168

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



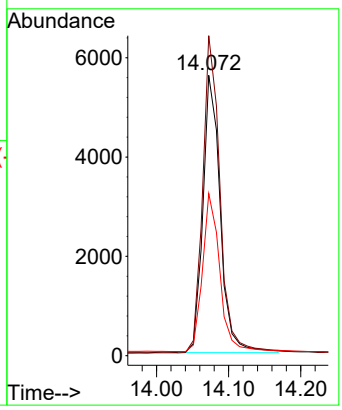


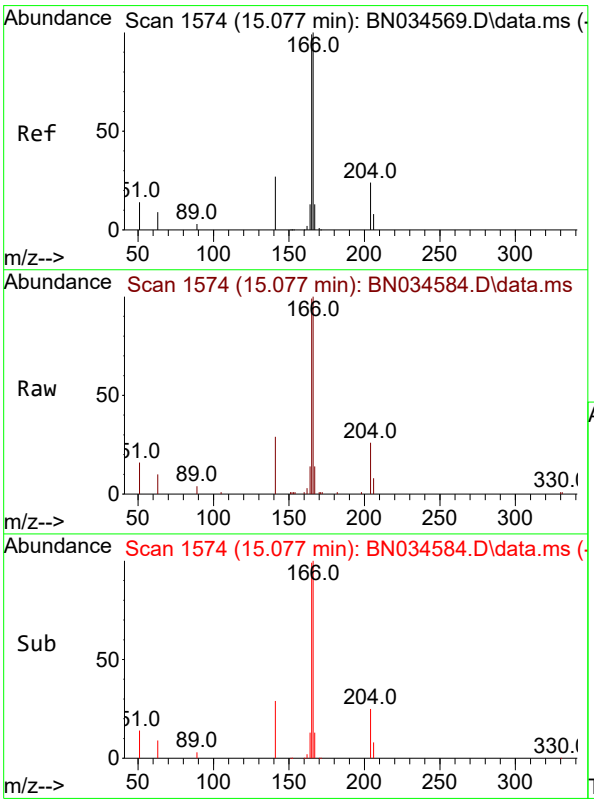
#17
Acenaphthene
Concen: 0.410 ng
RT: 14.072 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:154 Resp: 9344

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.5	137.3
152	56.6	45.8	68.8

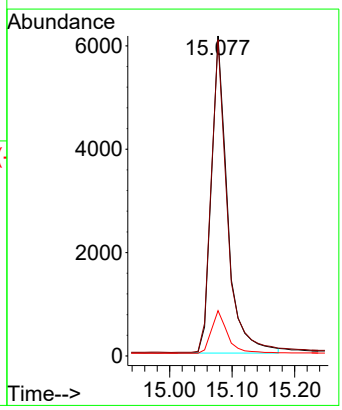


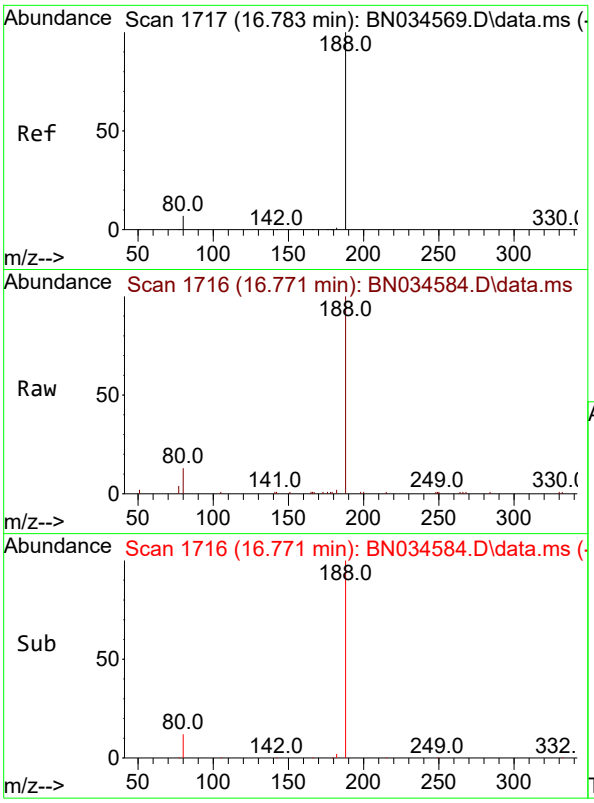


#18
Fluorene
Concen: 0.377 ng
RT: 15.077 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:166 Resp: 10977

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	118.0
167	13.6	10.8	16.2



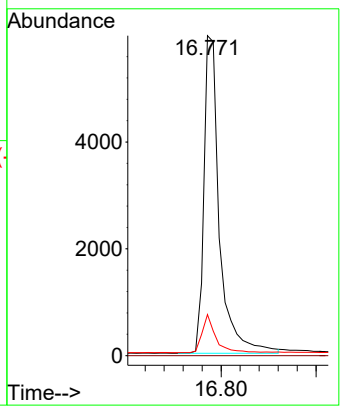


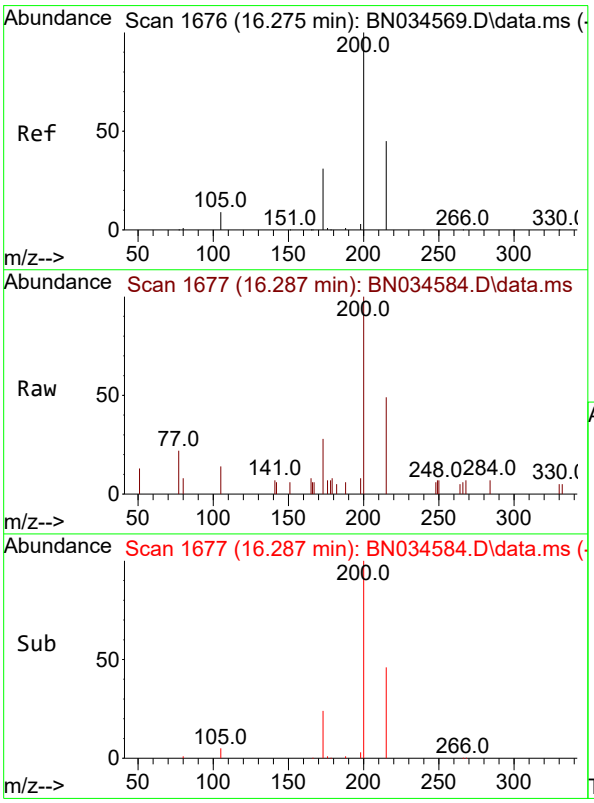
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.771 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:188 Resp: 13541

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	6.3	9.5#

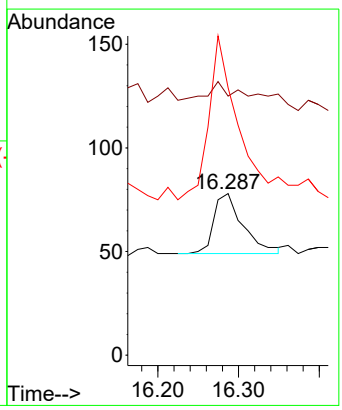


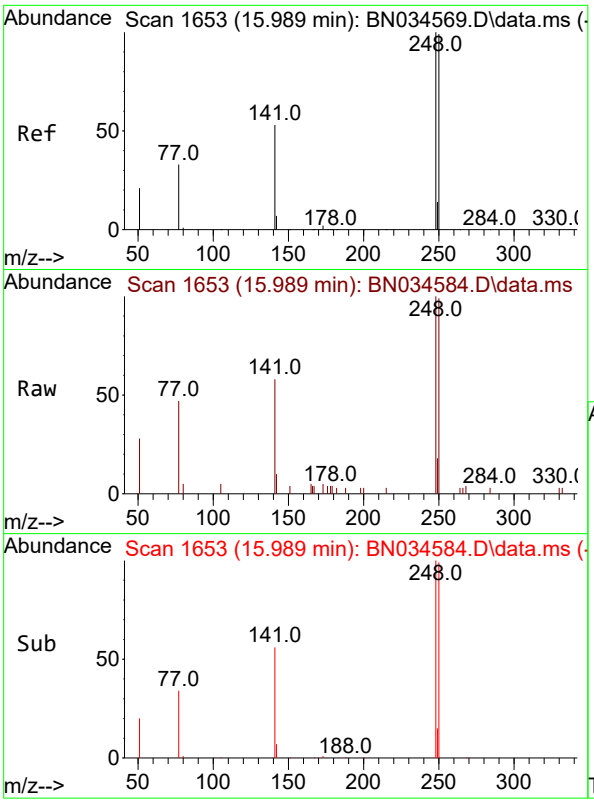


#20
4,6-Dinitro-2-methylphenol
Concen: 0.392 ng
RT: 16.287 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:198 Resp: 73

Ion	Ratio	Lower	Upper
198	100		
51	160.3	174.8	262.2#
105	165.4	167.9	251.9#



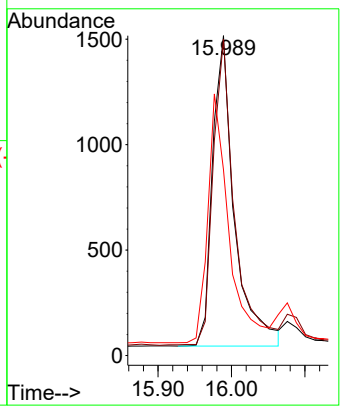


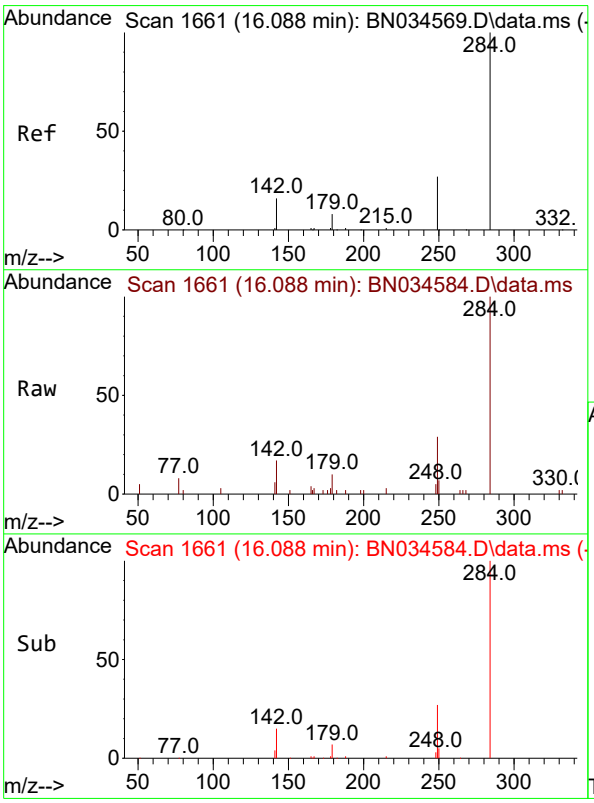
#21
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 15.989 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:248 Resp: 3041

Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.8	119.6
141	58.1	44.3	66.5

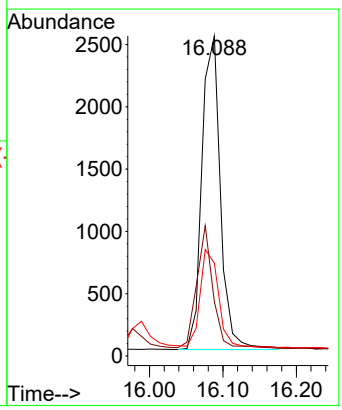


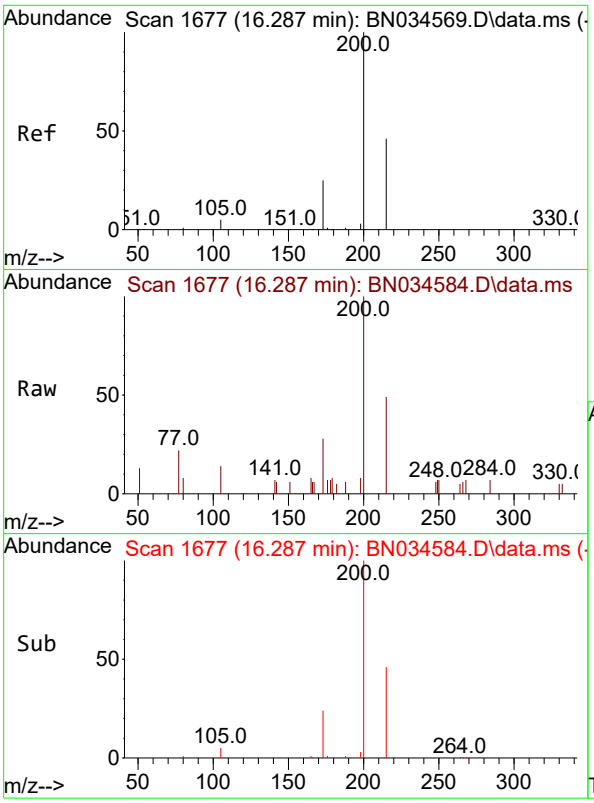


#22
Hexachlorobenzene
Concen: 0.445 ng
RT: 16.088 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:284 Resp: 4412

Ion	Ratio	Lower	Upper
284	100		
142	34.5	28.4	42.6
249	31.3	25.0	37.4



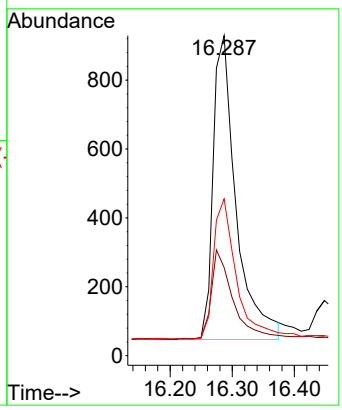


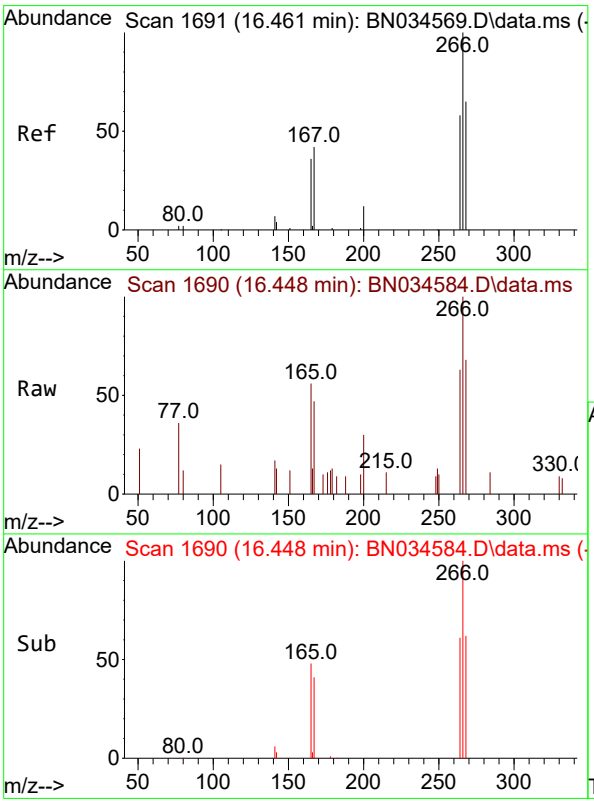
#23
Atrazine
Concen: 0.386 ng
RT: 16.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:200 Resp: 2257

Ion	Ratio	Lower	Upper
200	100		
173	27.6	22.9	34.3
215	49.0	38.8	58.2

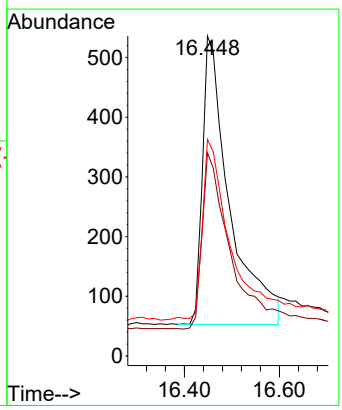


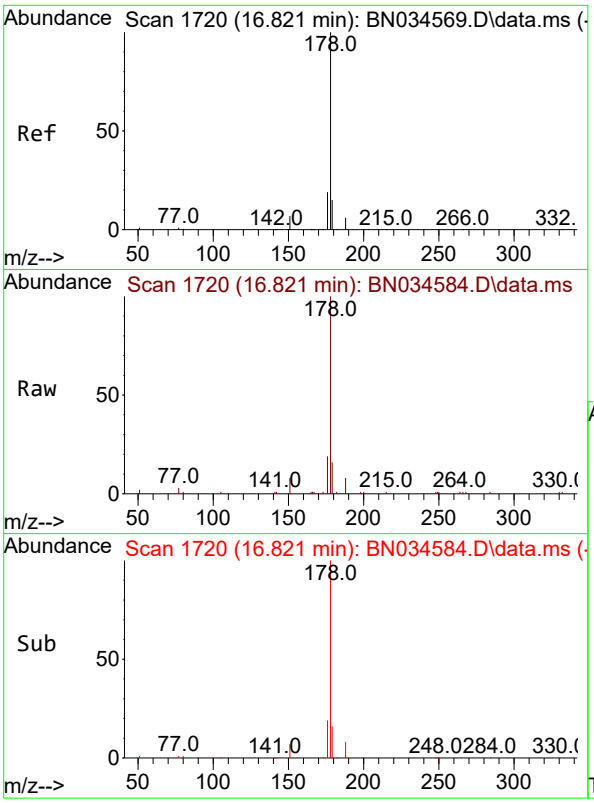


#24
Pentachlorophenol
Concen: 0.674 ng
RT: 16.448 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:266 Resp: 1913

Ion	Ratio	Lower	Upper
266	100		
264	63.7	46.6	69.8
268	64.5	52.0	78.0



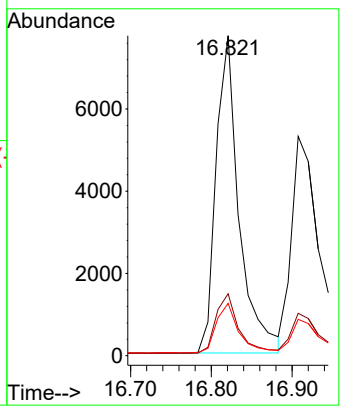


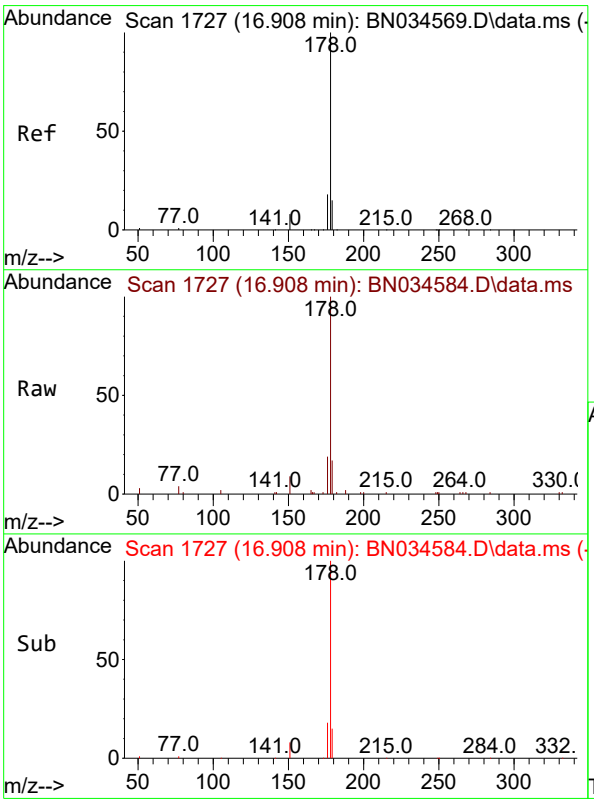
#25
Phenanthrene
Concen: 0.428 ng
RT: 16.821 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:178 Resp: 15303

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.2	18.4

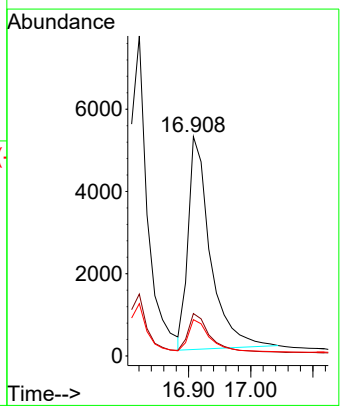


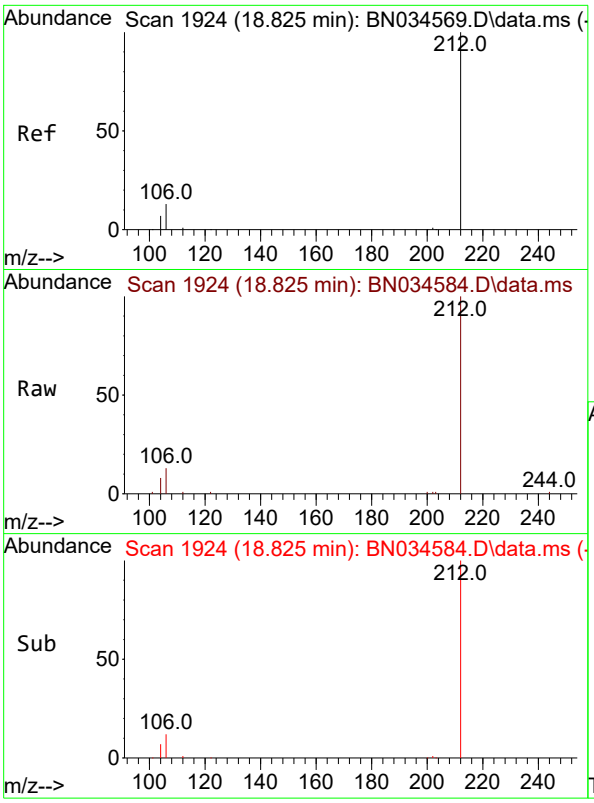


#26
Anthracene
Concen: 0.414 ng
RT: 16.908 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:178 Resp: 12849

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.3	12.0	18.0



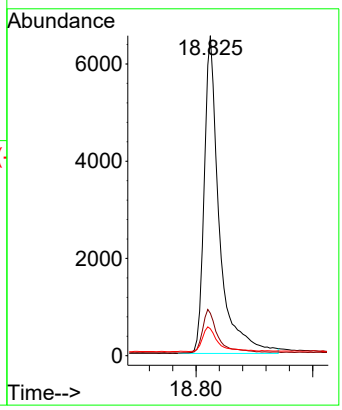


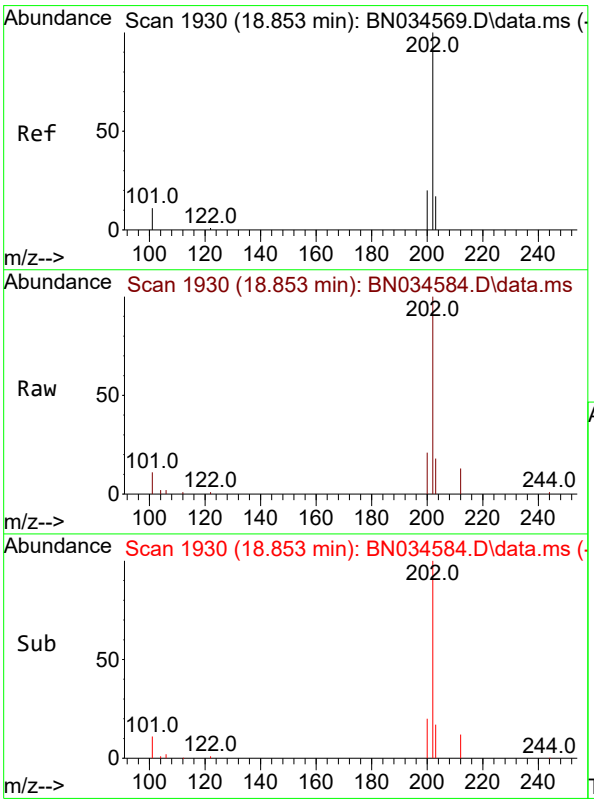
#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 18.825 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:212 Resp: 11794

Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.1	16.7
104	7.9	6.5	9.7

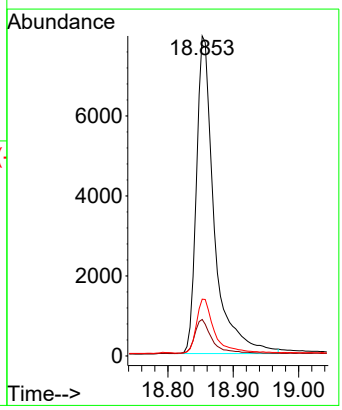


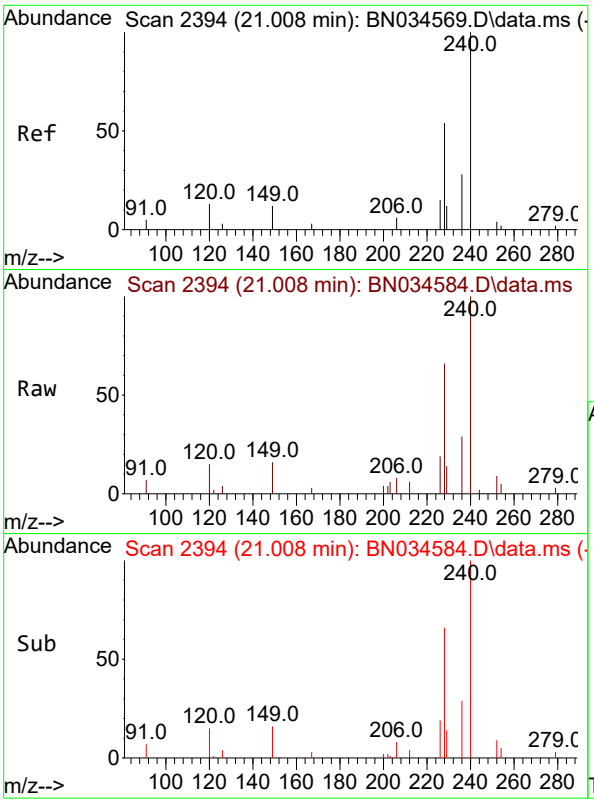


#28
Fluoranthene
Concen: 0.370 ng
RT: 18.853 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:202 Resp: 15043

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.8	13.2
203	17.1	13.4	20.0



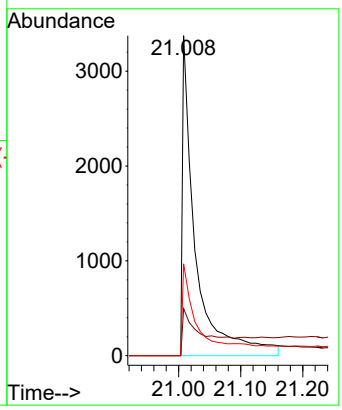


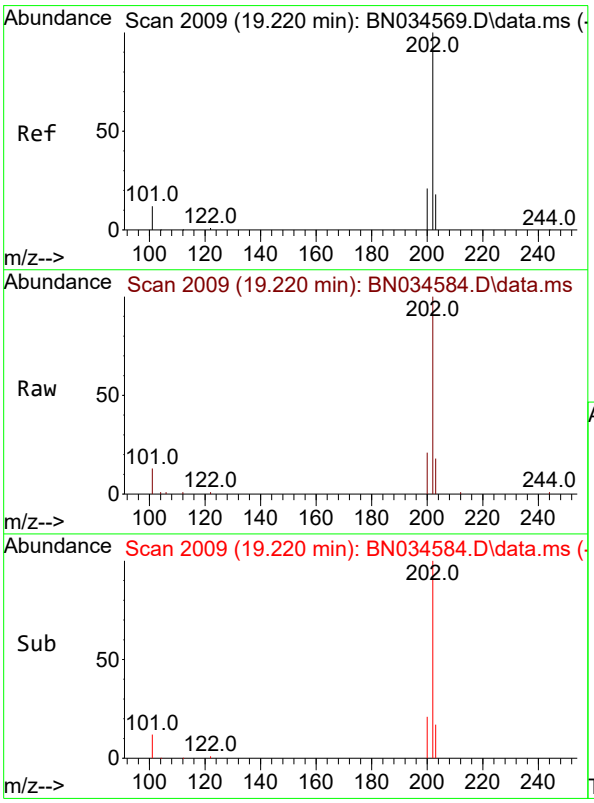
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:240 Resp: 5062

Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.1	15.1
236	28.7	22.6	34.0

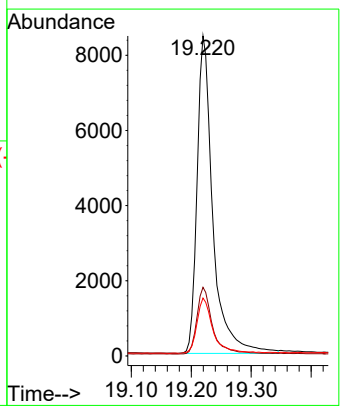


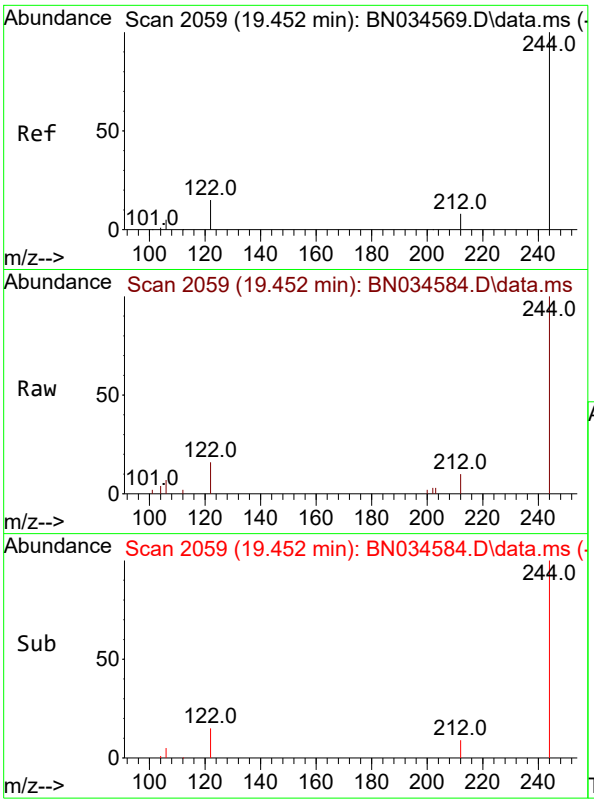


#30
Pyrene
Concen: 0.311 ng
RT: 19.220 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:202 Resp: 15424

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	14.3	21.5



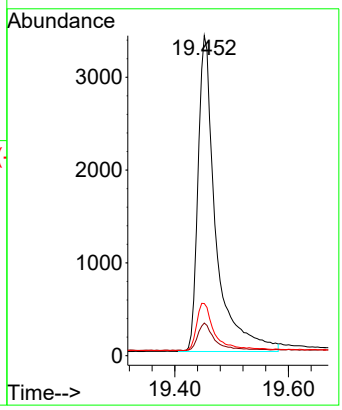


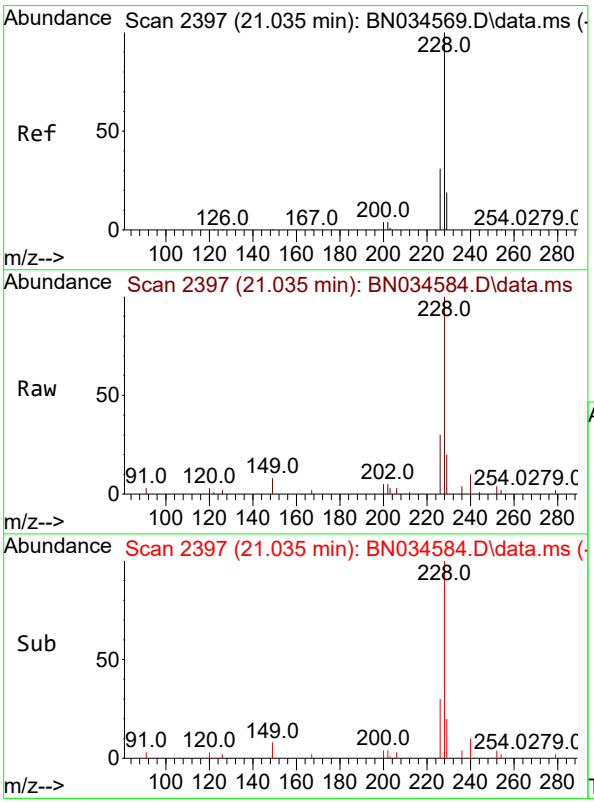
#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.452 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:244 Resp: 7375

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.7	11.5
122	16.3	12.6	19.0

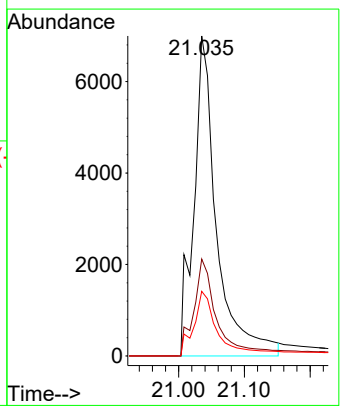


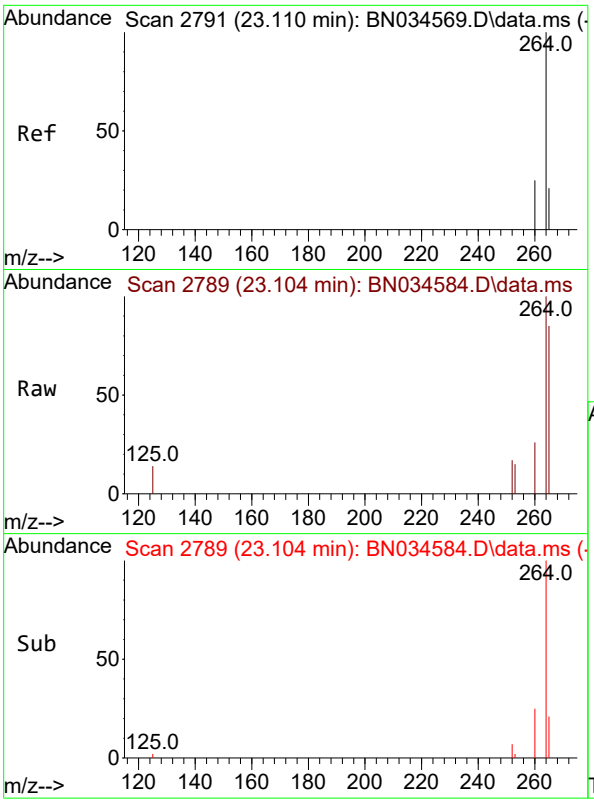


#33
Chrysene
Concen: 0.358 ng
RT: 21.035 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:228 Resp: 16224

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	20.2	15.8	23.6



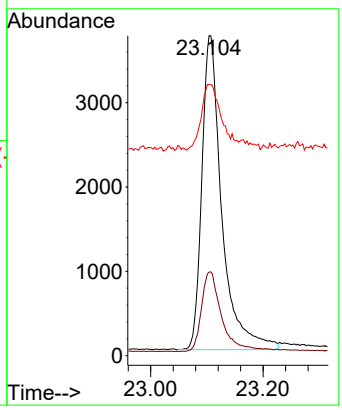


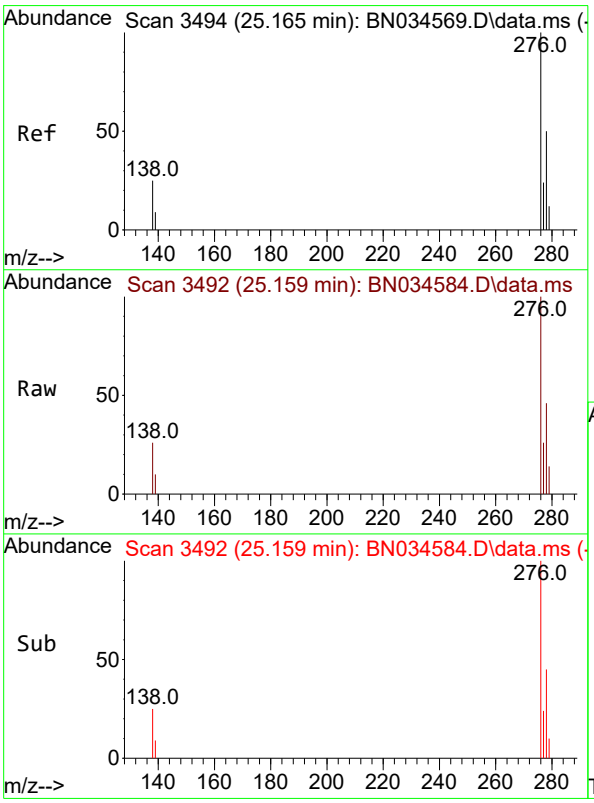
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.104 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:264 Resp: 9196

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	84.7	61.6	92.4

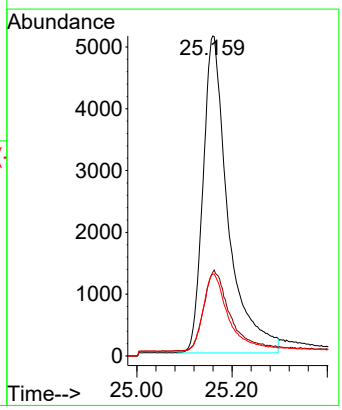


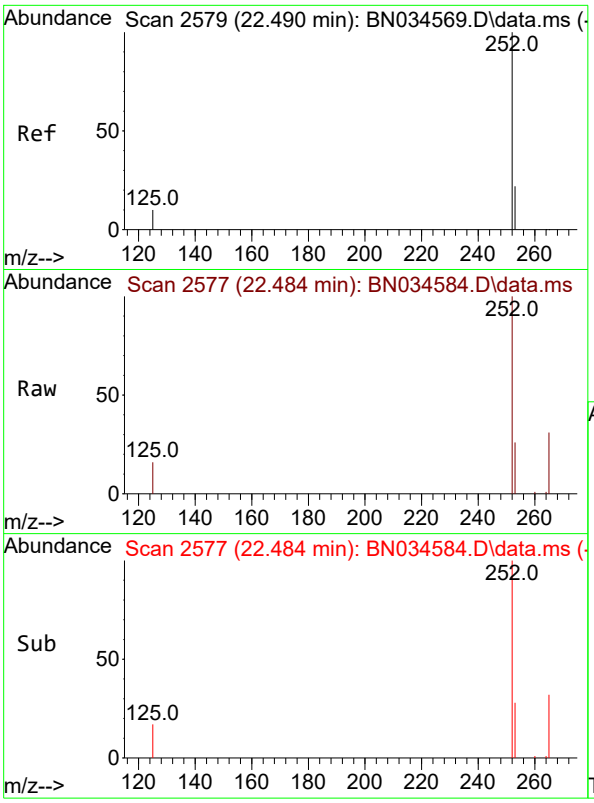


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.525 ng
RT: 25.159 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:276 Resp: 18763

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.0	33.0
277	24.6	20.1	30.1



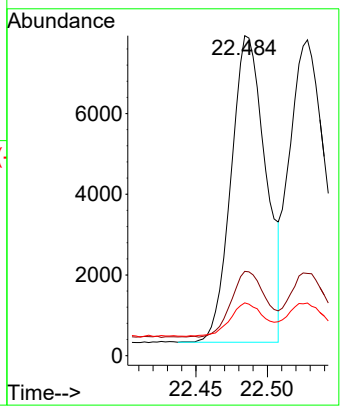


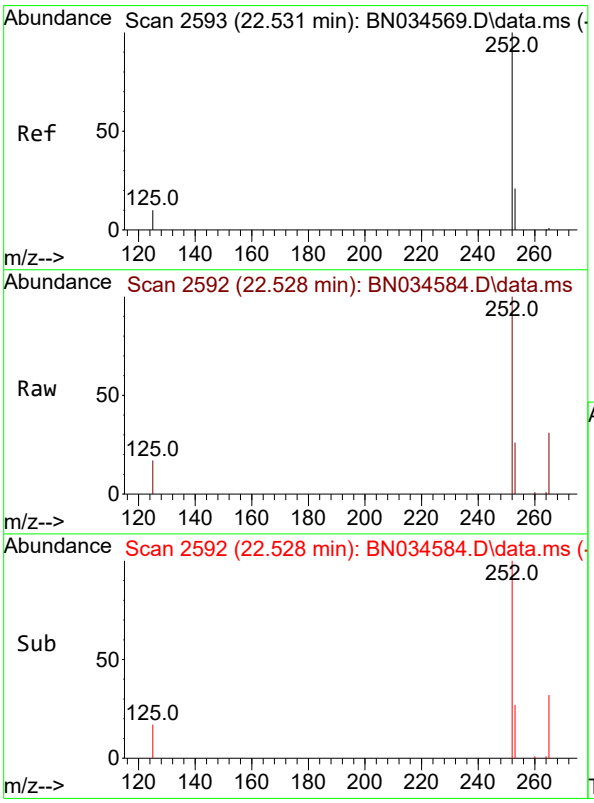
#37
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 22.484 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:252 Resp: 12783

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.3	31.9
125	16.5	12.7	19.1

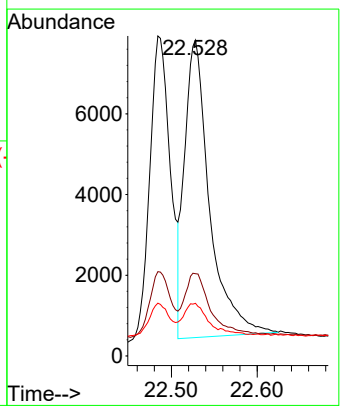


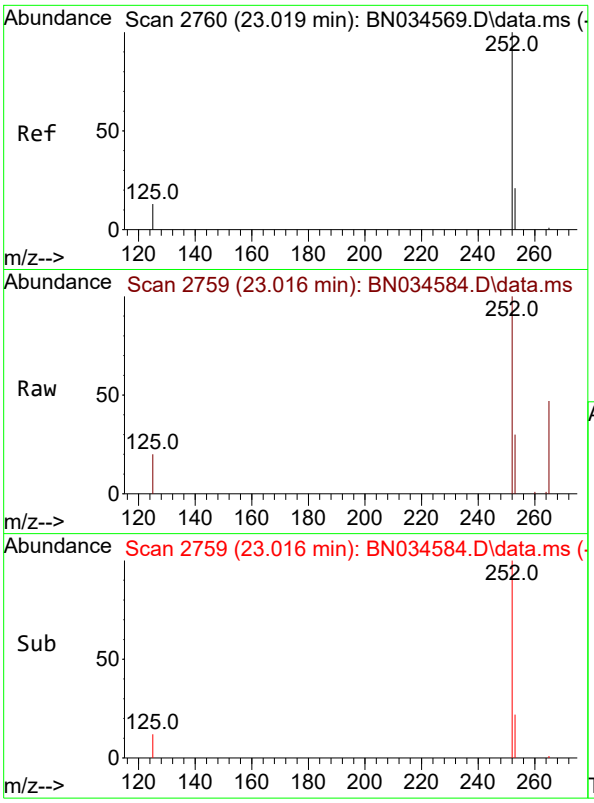


#38
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 22.528 min Scan# 2592
Delta R.T. -0.003 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:252 Resp: 14905

Ion	Ratio	Lower	Upper
252	100		
253	26.0	21.0	31.6
125	16.7	13.3	19.9



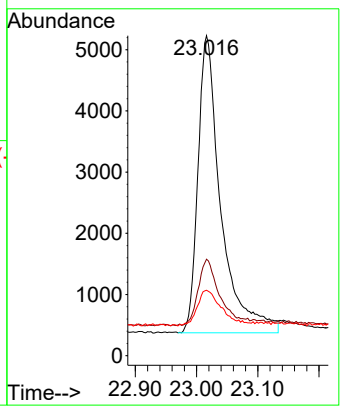


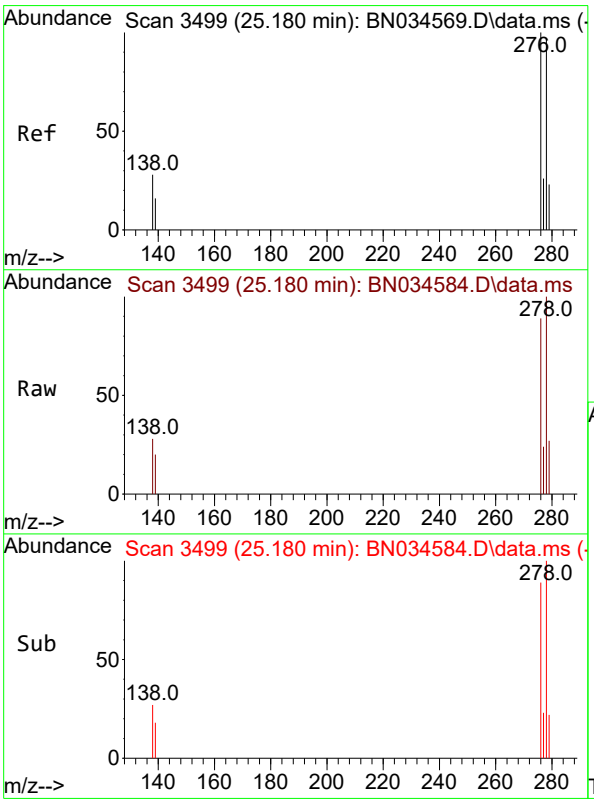
#39
Benzo(a)pyrene
Concen: 0.473 ng
RT: 23.016 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:252 Resp: 12624

Ion	Ratio	Lower	Upper
252	100		
253	30.2	23.8	35.8
125	20.4	17.2	25.8

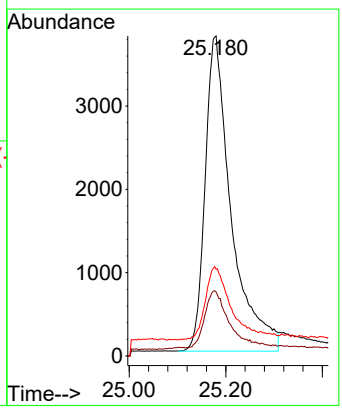


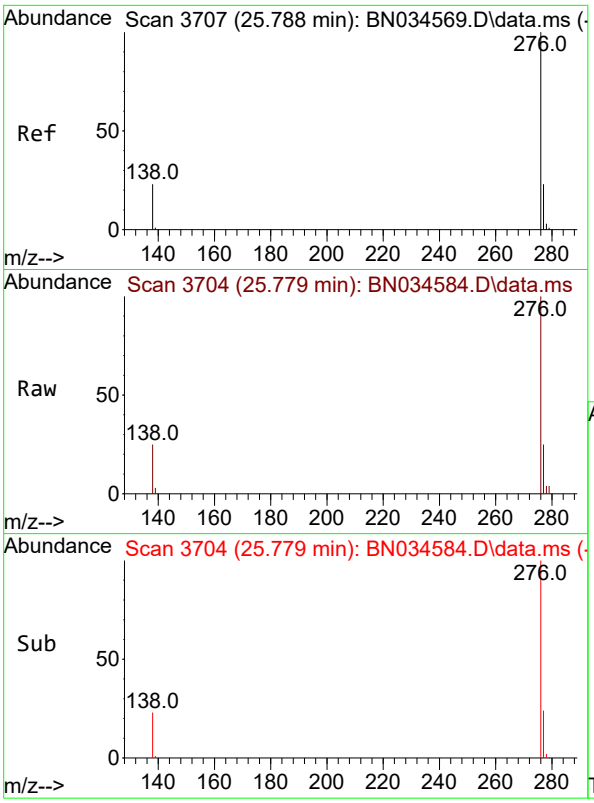


#40
Dibenzo(a,h)anthracene
Concen: 0.519 ng
RT: 25.180 min Scan# 3499
Delta R.T. -0.000 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Tgt Ion:278 Resp: 14187

Ion	Ratio	Lower	Upper
278	100		
139	20.0	16.0	24.0
279	27.1	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.494 ng
RT: 25.779 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034584.D
Acq: 14 Oct 2024 22:55

Instrument :
BNA_N
ClientSampleId :
PB164072BSD

Tgt Ion:276 Resp: 16135

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.8
138	24.9	19.2	28.8