Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120424\
Data File : BN035408.D
Acq On : 03 Dec 2024 18:13
Operator : RC/JU
Sample : PB165348BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Quant Time: Dec 03 22:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	2152	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	5114	0.400	ng	# 0.00
13) Acenaphthene-d10	13.957	164	3359	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	8334	0.400	ng	#-0.01
29) Chrysene-d12	20.974	240	7507	0.400	ng	0.00
35) Perylene-d12	23.067	264	6897	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.961	112	1873	0.348	ng	0.00
5) Phenol-d6	6.506	99	2132	0.329	ng	0.00
8) Nitrobenzene-d5	8.440	82	1399	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	11.651	152	4155	0.519	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	550	0.231	ng	0.00
15) 2-Fluorobiphenyl	12.569	172	5473	0.431	ng	0.00
27) Fluoranthene-d10	18.780	212	9414	0.398	ng	0.00
31) Terphenyl-d14	19.412	244	6867	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	754	0.367	ng	# 72
3) n-Nitrosodimethylamine	3.285	42	671	0.392	ng	# 98
6) bis(2-Chloroethyl)ether	6.752	93	2015	0.370	ng	99
9) Naphthalene	10.095	128	5182	0.384	ng	99
10) Hexachlorobutadiene	10.394	225	1293	0.416	ng	# 99
12) 2-Methylnaphthalene	11.727	142	3585	0.371	ng	98
16) Acenaphthylene	13.668	152	5729	0.406	ng	99
17) Acenaphthene	14.021	154	3643	0.389	ng	99
18) Fluorene	15.026	166	5048	0.377	ng	100
20) 4,6-Dinitro-2-methylph...	15.133	198	266	0.325	ng	85
21) 4-Bromophenyl-phenylether	15.929	248	1855	0.381	ng	# 77
22) Hexachlorobenzene	16.041	284	2219	0.388	ng	98
23) Atrazine	16.227	200	1192	0.344	ng	98
24) Pentachlorophenol	16.388	266	1328	0.533	ng	# 86
25) Phenanthrene	16.760	178	8896	0.389	ng	100
26) Anthracene	16.860	178	8036	0.388	ng	99
28) Fluoranthene	18.813	202	10698	0.347	ng	99
30) Pyrene	19.180	202	10998	0.397	ng	99
32) Benzo(a)anthracene	20.956	228	9786	0.373	ng	100
33) Chrysene	21.010	228	10984	0.406	ng	99
34) Bis(2-ethylhexyl)phtha...	20.929	149	3698	0.357	ng	99
36) Indeno(1,2,3-cd)pyrene	25.105	276	10275	0.381	ng	98
37) Benzo(b)fluoranthene	22.453	252	9922	0.393	ng	98
38) Benzo(k)fluoranthene	22.494	252	10718	0.432	ng	99
39) Benzo(a)pyrene	22.977	252	8783	0.423	ng	98
40) Dibenzo(a,h)anthracene	25.123	278	7917	0.372	ng	98
41) Benzo(g,h,i)perylene	25.719	276	8299	0.373	ng	98

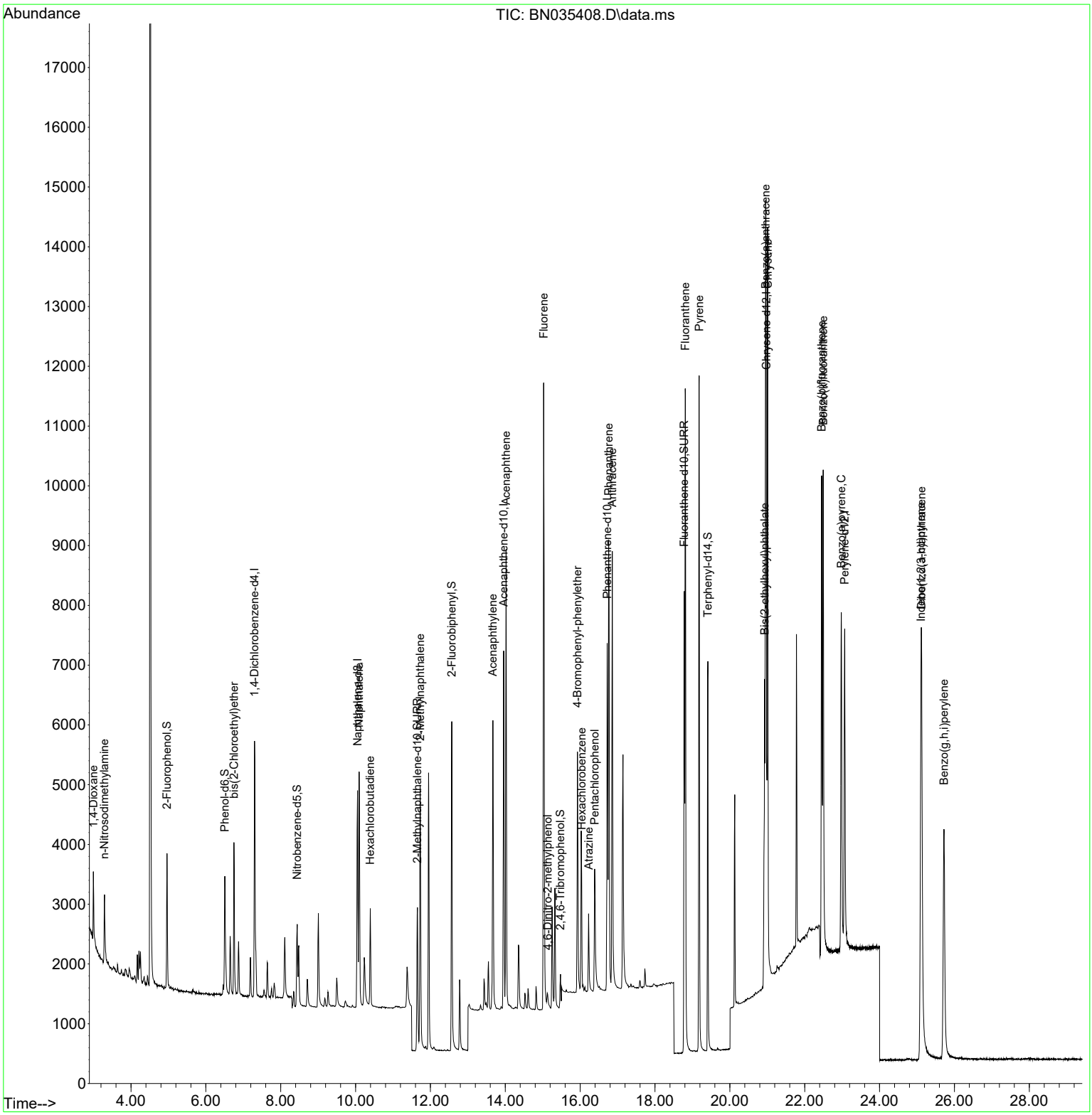
(#) = qualifier out of range (m) = manual integration (+) = signals summed

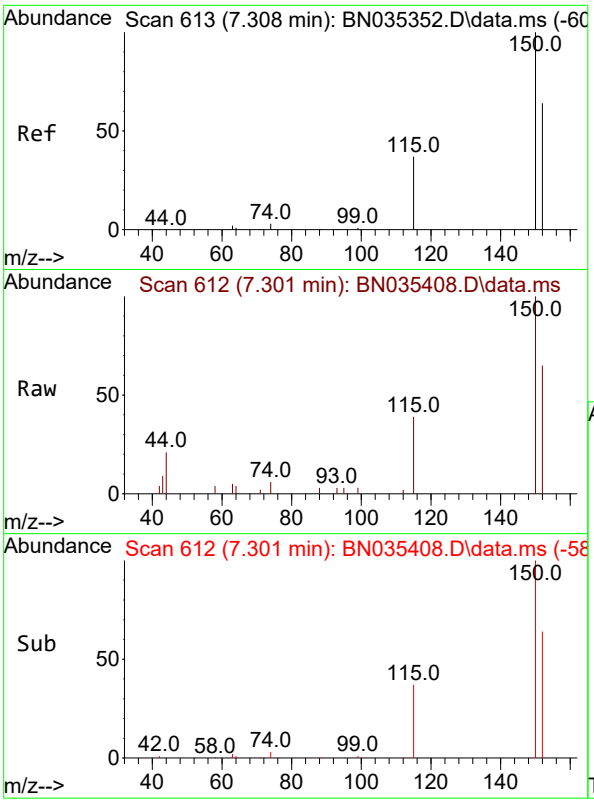
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120424\
Data File : BN035408.D
Acq On : 03 Dec 2024 18:13
Operator : RC/JU
Sample : PB165348BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Quant Time: Dec 03 22:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration



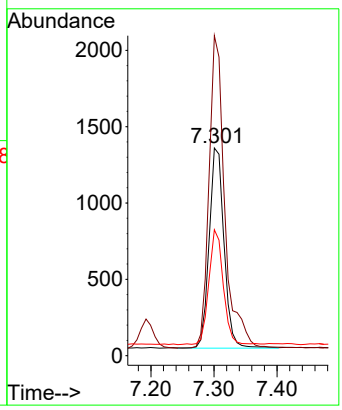


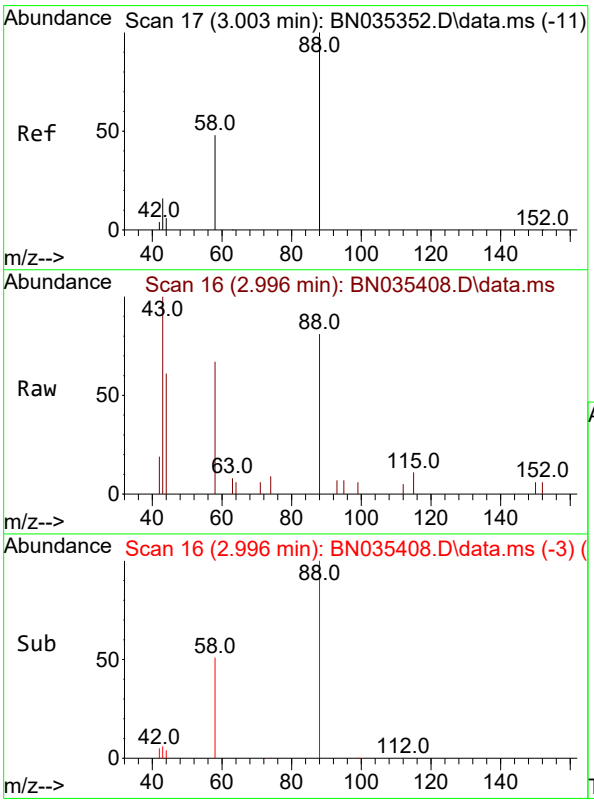
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:152 Resp: 2152

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.0	186.0
115	60.7	49.6	74.4

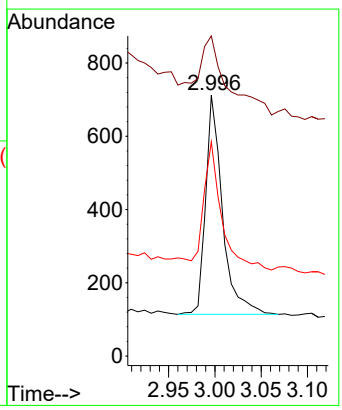


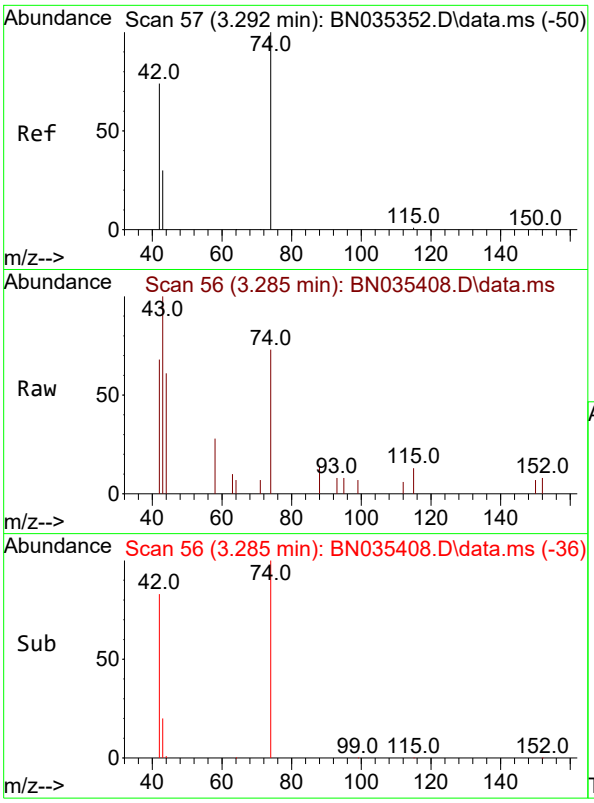


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion: 88 Resp: 754

Ion	Ratio	Lower	Upper
88	100		
43	58.1	17.2	25.8#
58	61.8	44.5	66.7



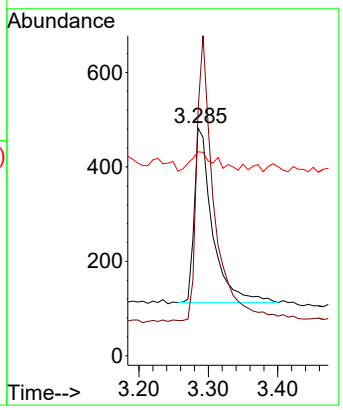


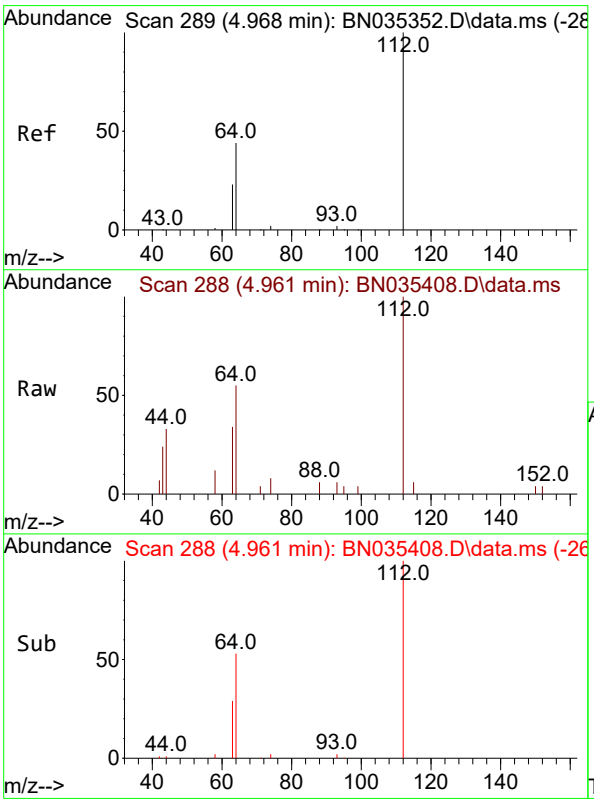
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 3.285 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion: 42 Resp: 671

Ion	Ratio	Lower	Upper
42	100		
74	158.4	124.9	187.3
44	14.8	2.2	3.4#

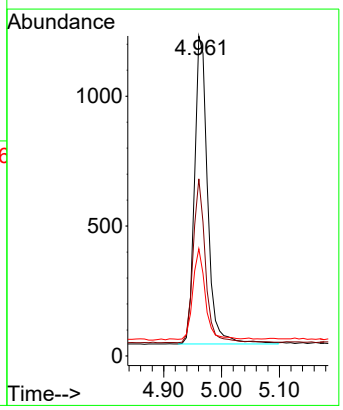


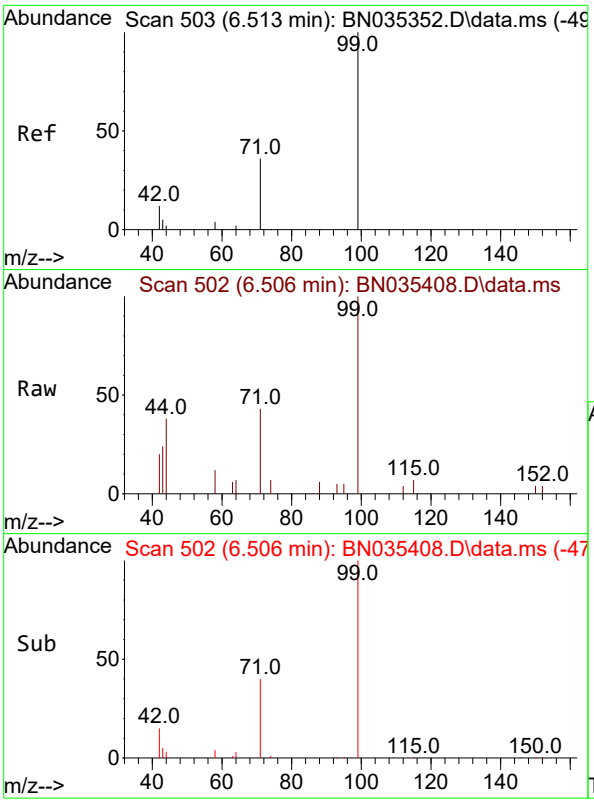


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 4.961 min Scan# 288
Delta R.T. -0.007 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:112 Resp: 1873

Ion	Ratio	Lower	Upper
112	100		
64	49.5	39.8	59.8
63	29.0	21.0	31.6



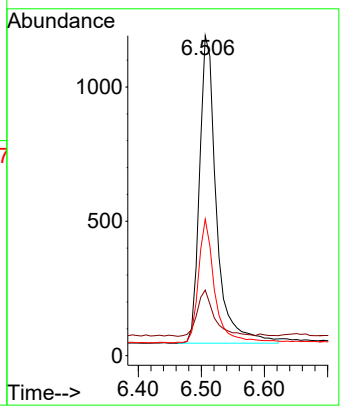


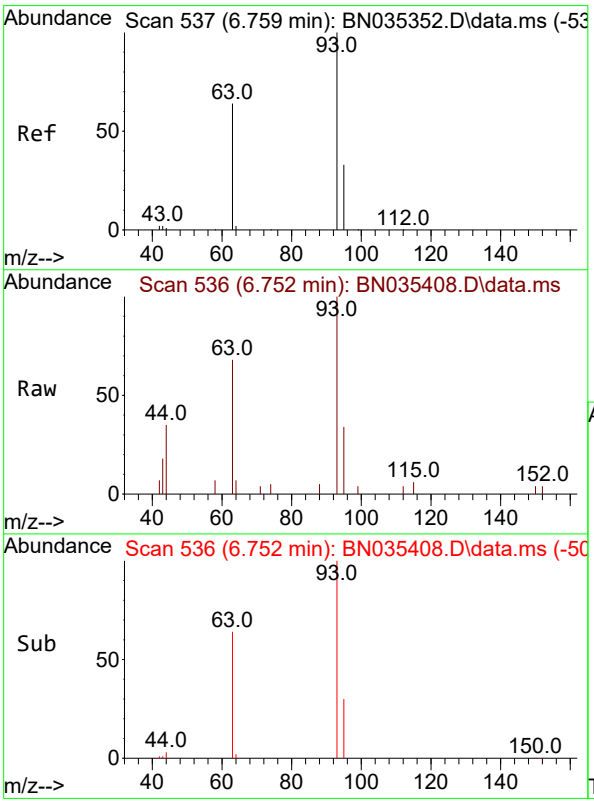
#5
Phenol-d6
Concen: 0.329 ng
RT: 6.506 min Scan# 5(
Delta R.T. -0.007 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion: 99 Resp: 2132

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.4	17.2
71	38.9	29.3	43.9

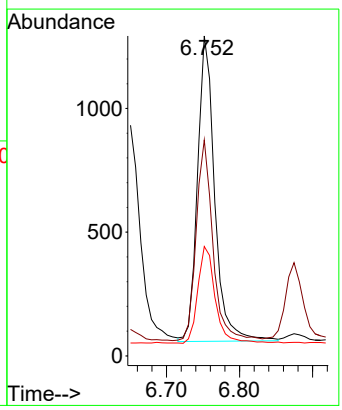


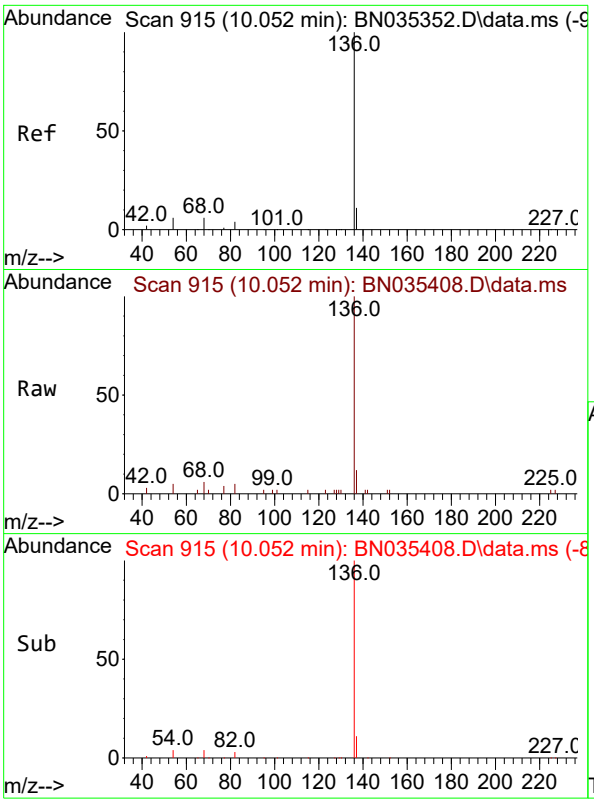


#6
bis(2-Chloroethyl)ether
Concen: 0.370 ng
RT: 6.752 min Scan# 536
Delta R.T. -0.007 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion: 93 Resp: 2015

Ion	Ratio	Lower	Upper
93	100		
63	63.8	50.4	75.6
95	32.0	25.7	38.5



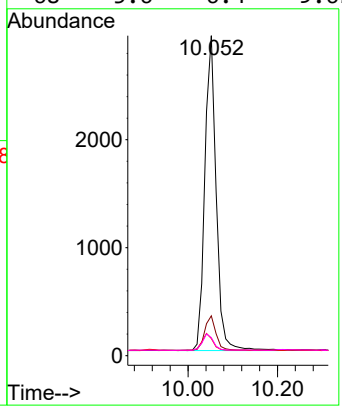


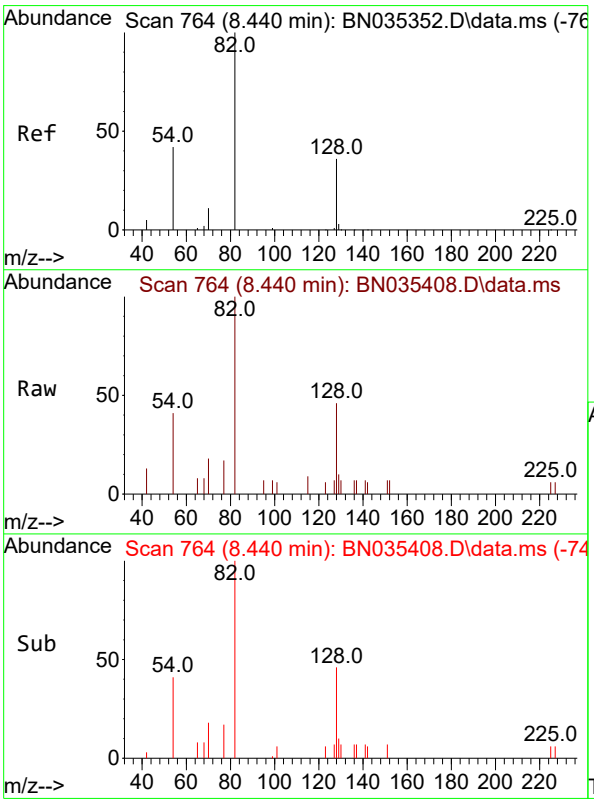
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:136 Resp: 5114

Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.2	15.2
54	5.3	6.1	9.1#
68	5.6	6.4	9.6#

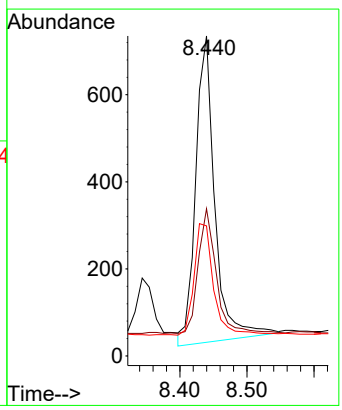


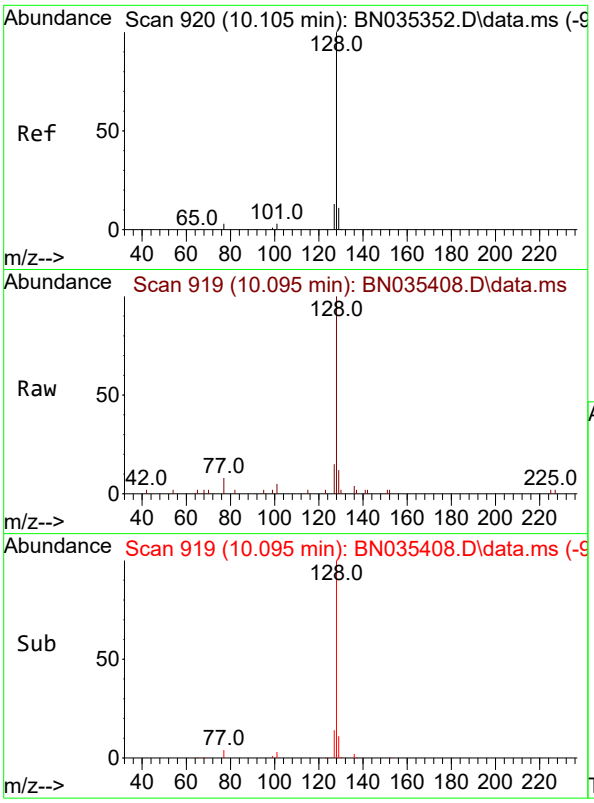


#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion: 82 Resp: 1399

Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.4	50.0
54	40.7	36.7	55.1



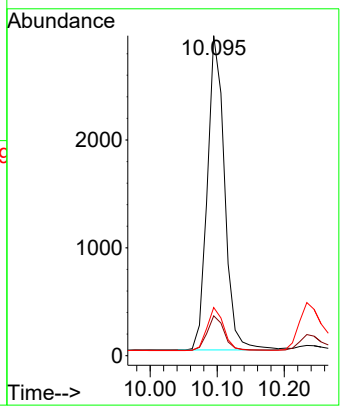


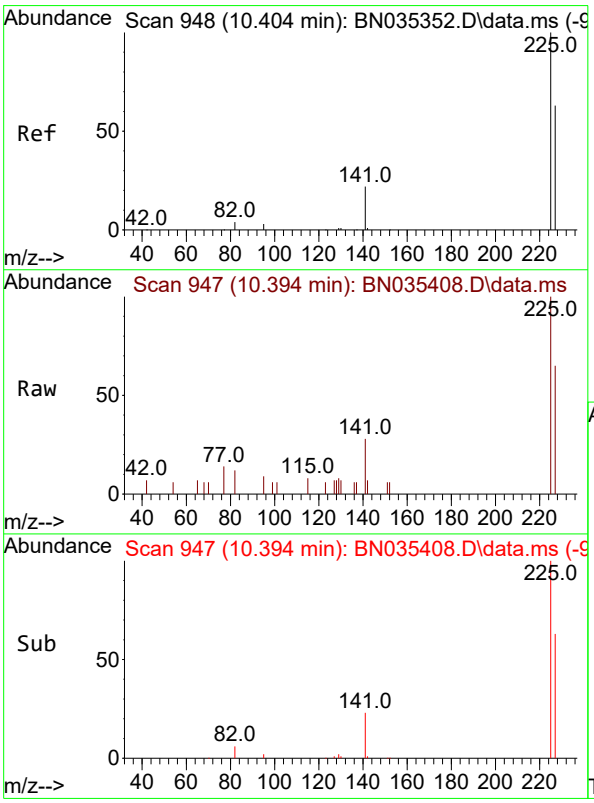
#9
Naphthalene
Concen: 0.384 ng
RT: 10.095 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:128 Resp: 5182

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	15.0	11.4	17.2

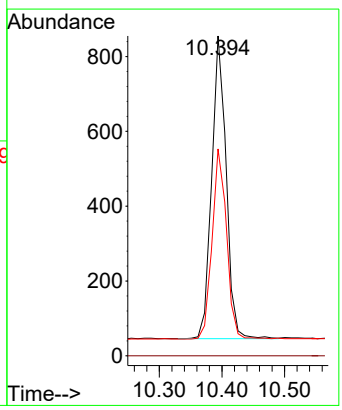


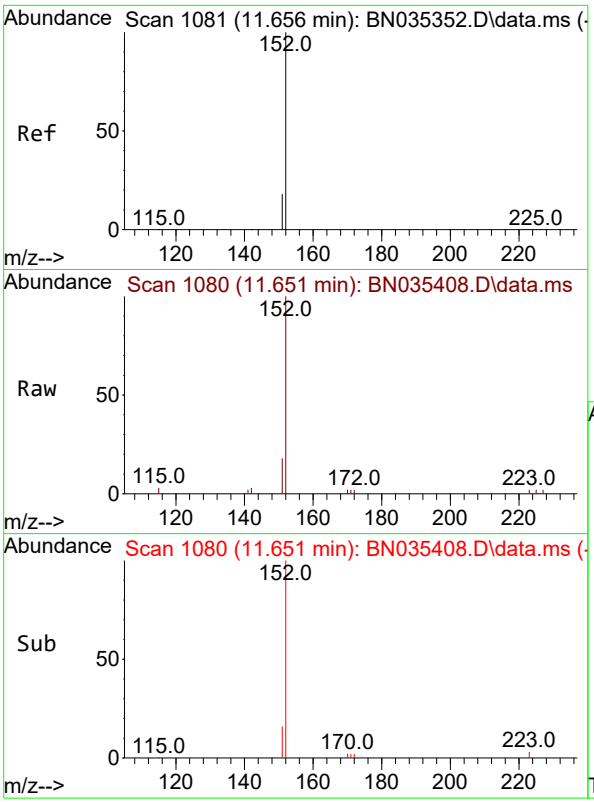


#10
Hexachlorobutadiene
Concen: 0.416 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:225 Resp: 1293

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.3	76.9



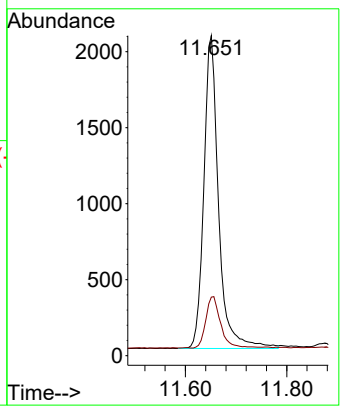


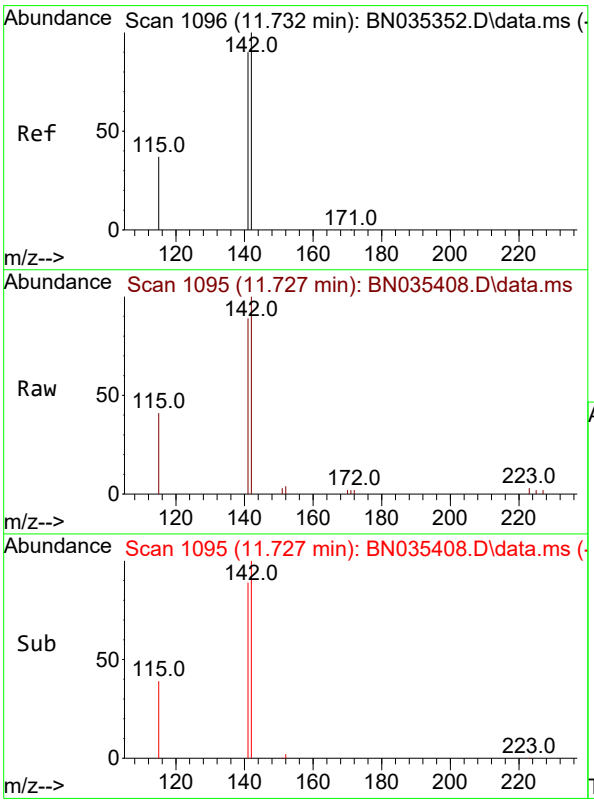
#11
2-Methylnaphthalene-d10
Concen: 0.519 ng
RT: 11.651 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:152 Resp: 4155

Ion	Ratio	Lower	Upper
152	100		
151	16.5	16.6	25.0#

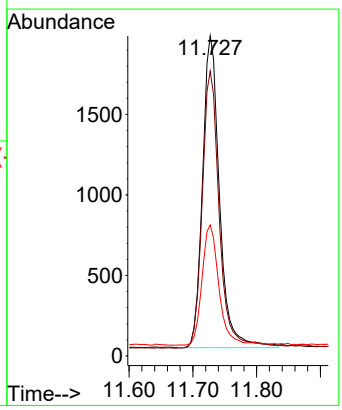


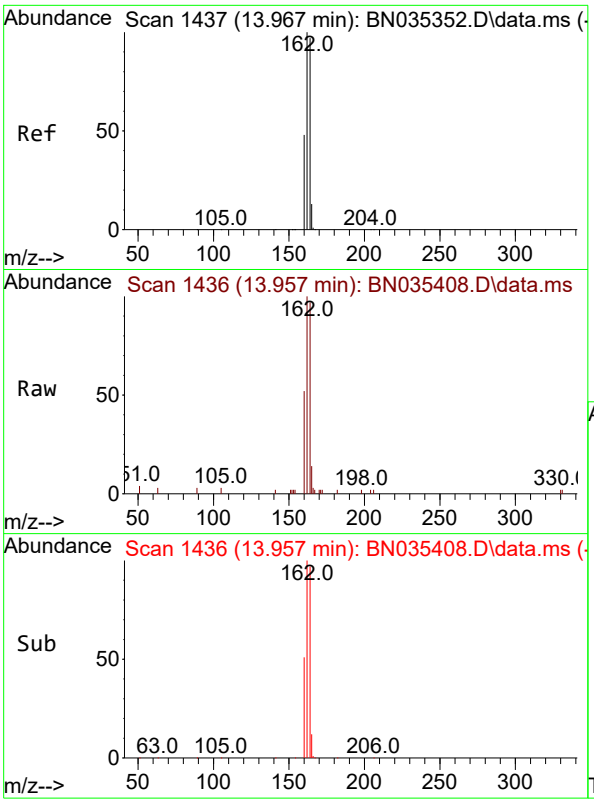


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 11.727 min Scan# 1095
Delta R.T. -0.005 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:142 Resp: 3585

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.4
115	40.9	31.4	47.0



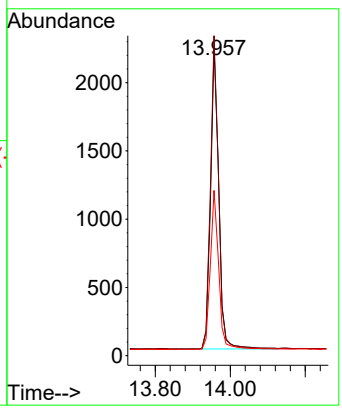


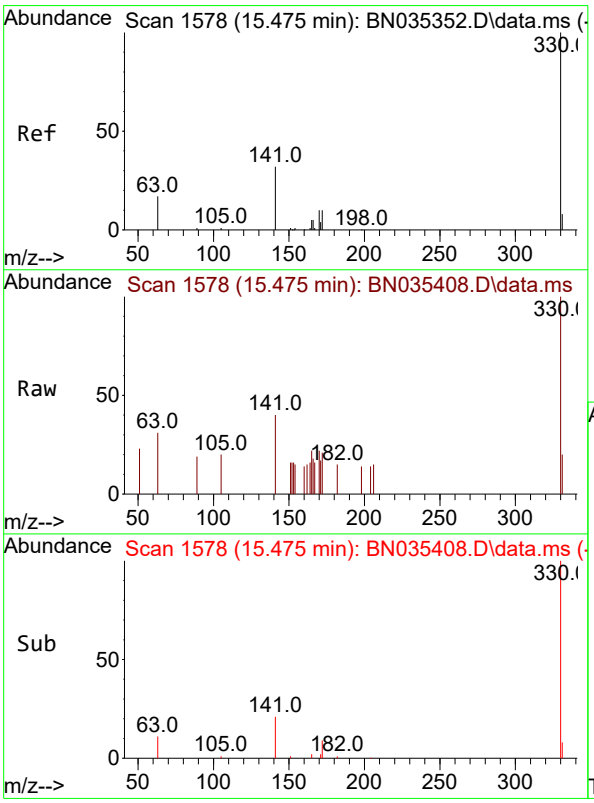
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:164 Resp: 3359

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.2
160	53.4	40.1	60.1

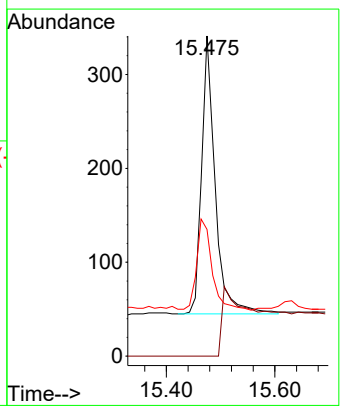


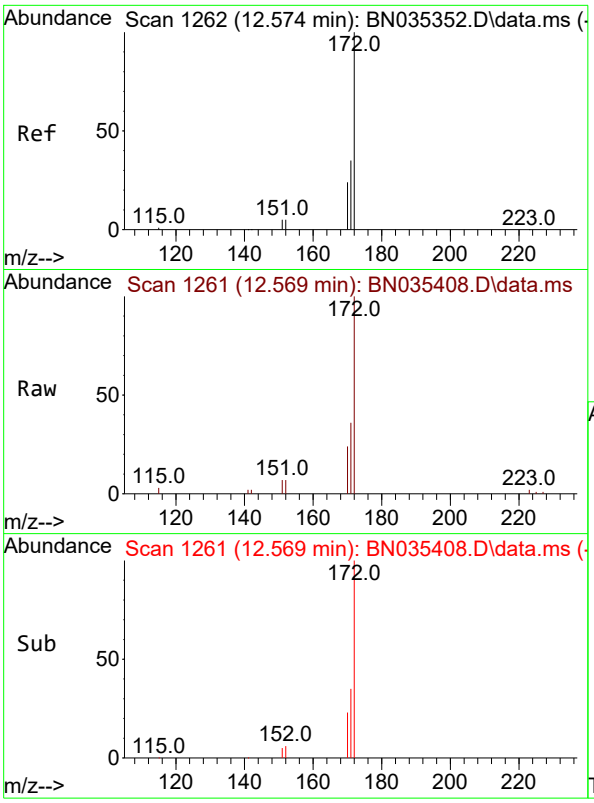


#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:330 Resp: 550

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	26.6	40.0



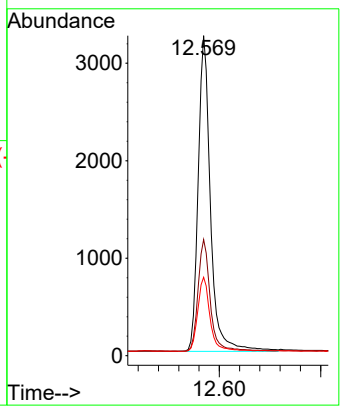


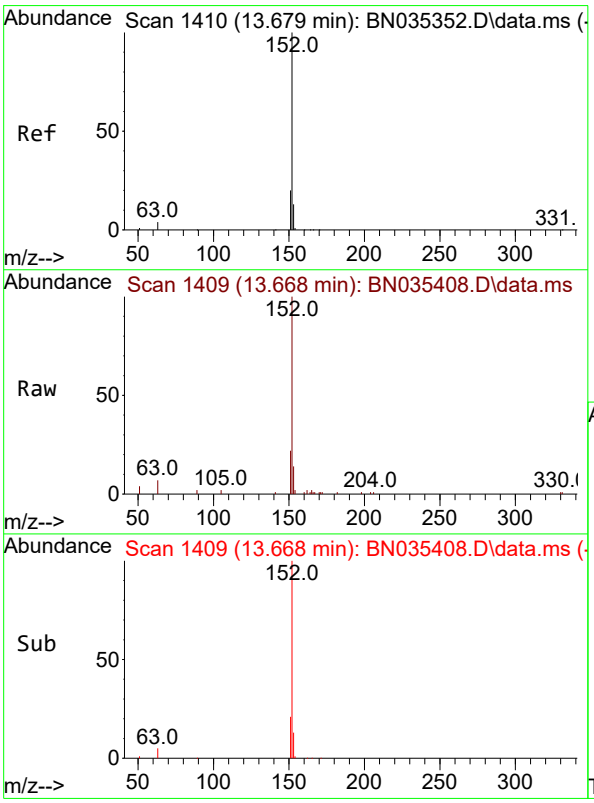
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:172 Resp: 5473

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.5	19.8	29.8

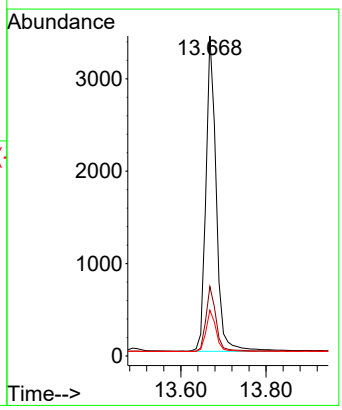


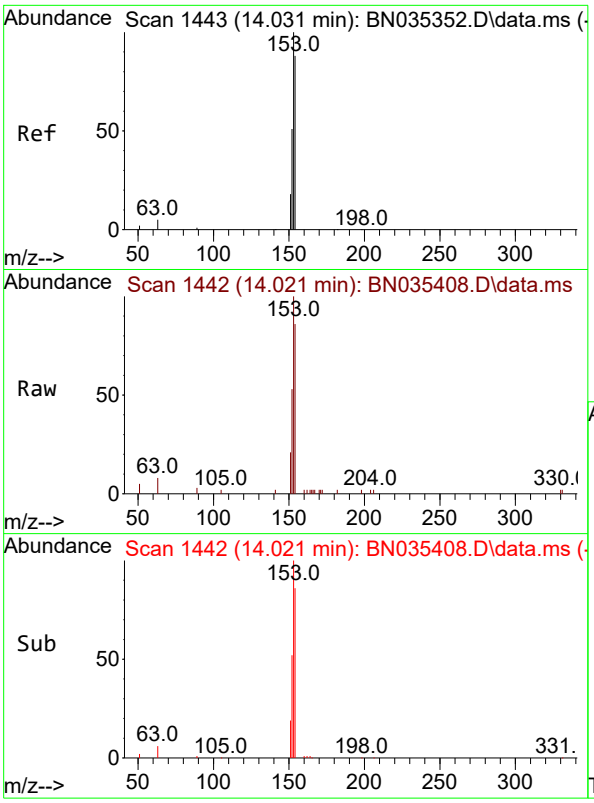


#16
Acenaphthylene
Concen: 0.406 ng
RT: 13.668 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:152 Resp: 5729

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	12.8	10.4	15.6



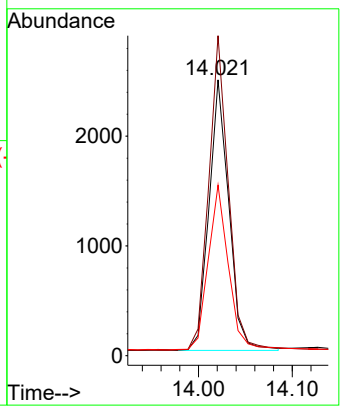


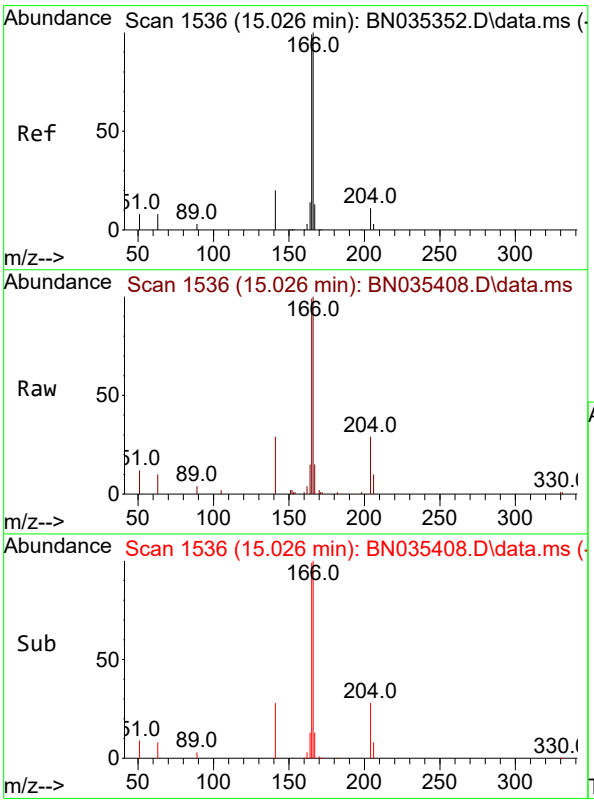
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.021 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:154 Resp: 3643

Ion	Ratio	Lower	Upper
154	100		
153	116.8	92.6	139.0
152	62.3	49.0	73.6

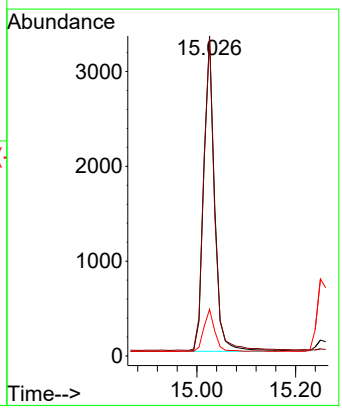


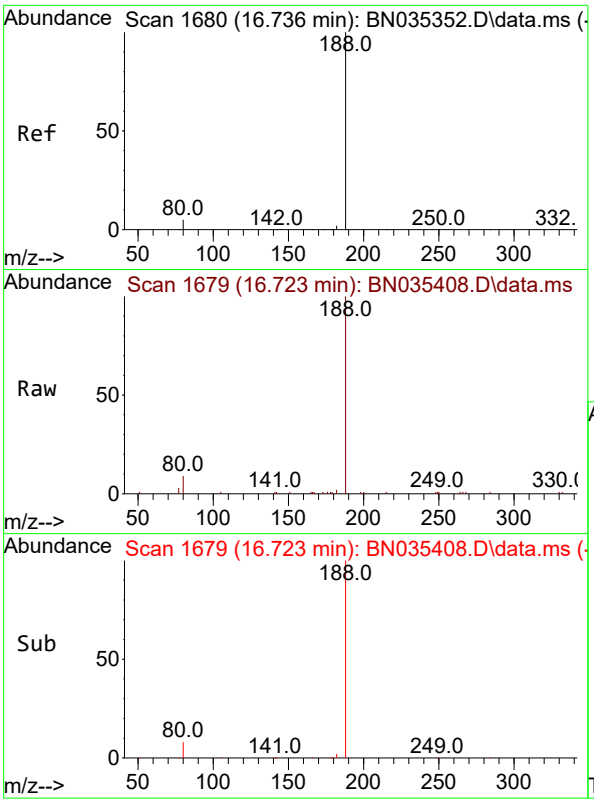


#18
Fluorene
Concen: 0.377 ng
RT: 15.026 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:166 Resp: 5048

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.7	119.5
167	13.3	10.8	16.2



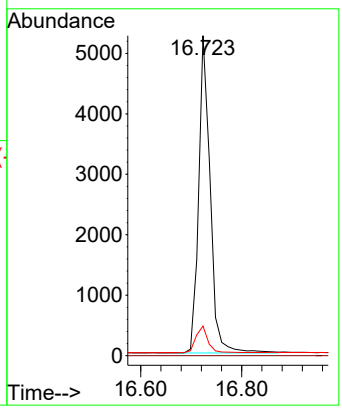


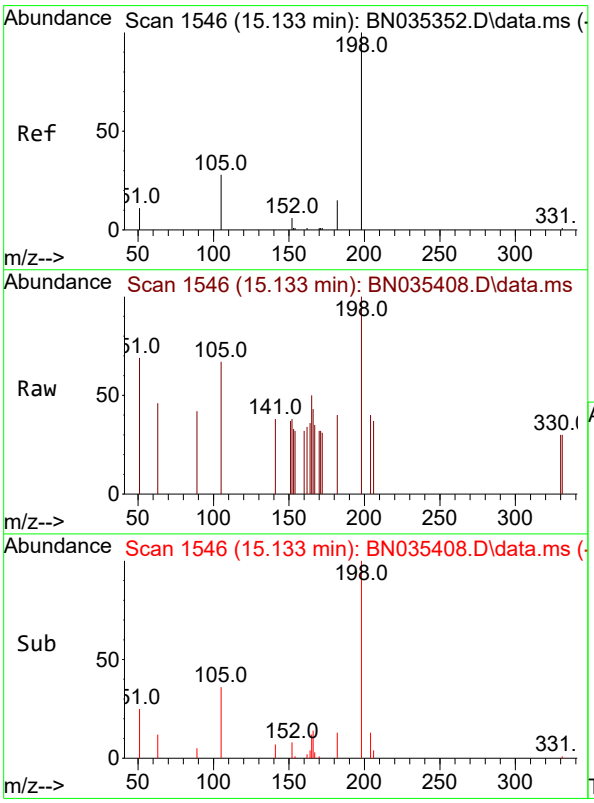
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:188 Resp: 8334

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	4.6	6.8#

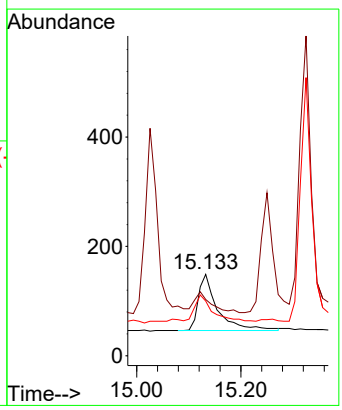


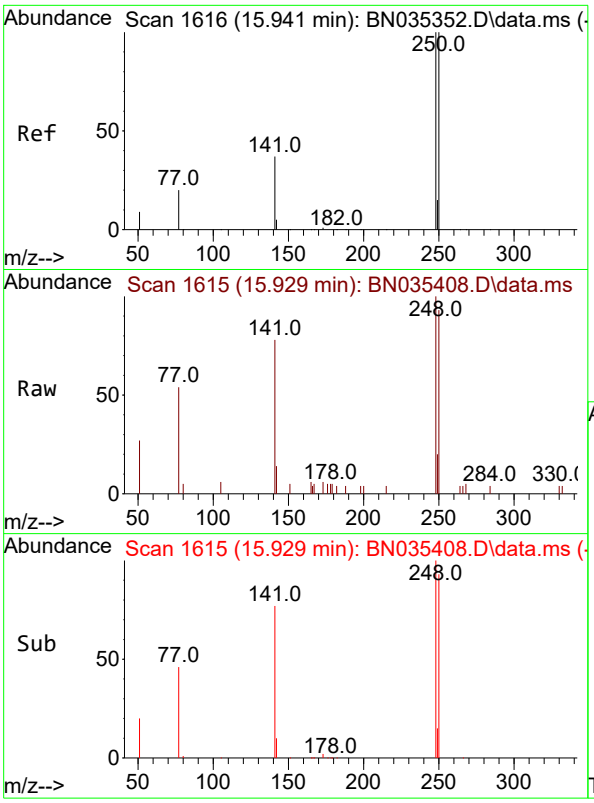


#20
4,6-Dinitro-2-methylphenol
Concen: 0.325 ng
RT: 15.133 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:198 Resp: 266

Ion	Ratio	Lower	Upper
198	100		
51	69.1	46.5	69.7
105	67.1	45.3	67.9



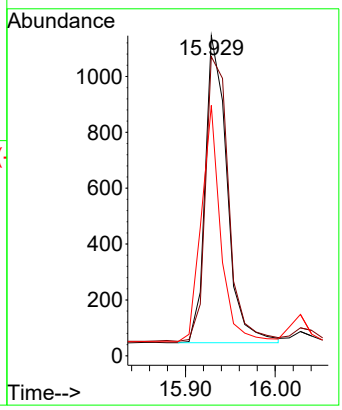


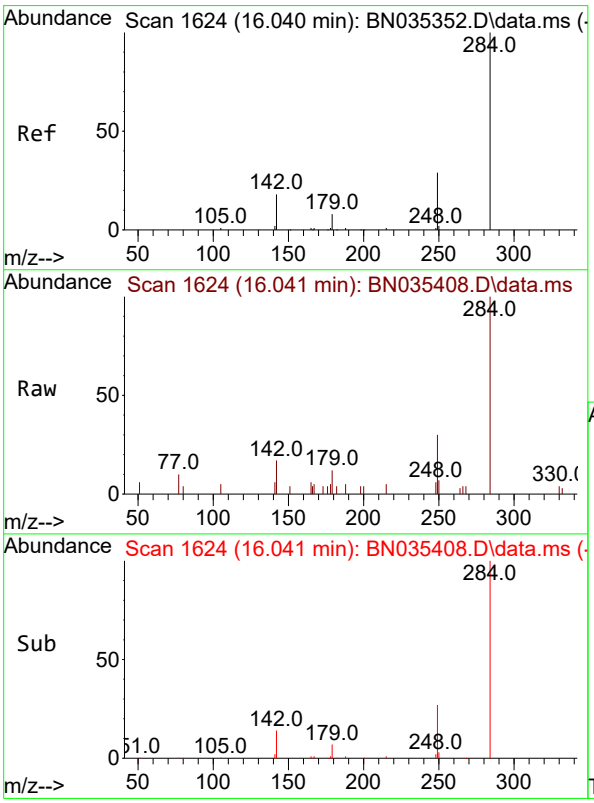
#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 15.929 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:248 Resp: 1855

Ion	Ratio	Lower	Upper
248	100		
250	93.5	80.6	120.8
141	78.2	31.5	47.3#

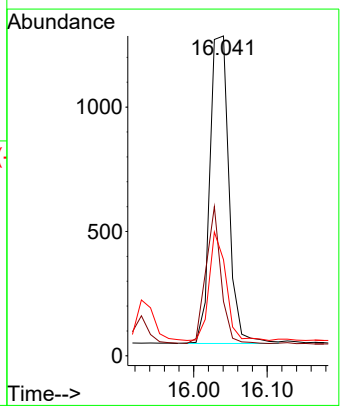


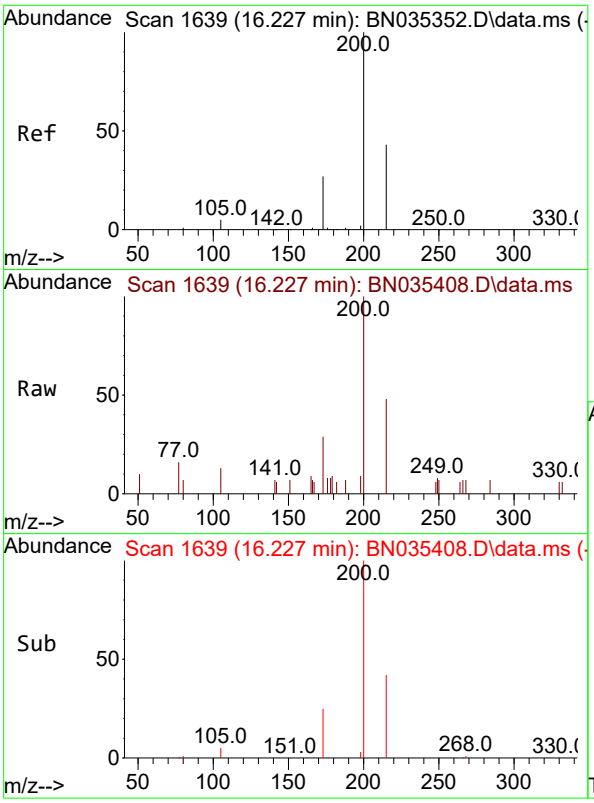


#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.041 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:284 Resp: 2219

Ion	Ratio	Lower	Upper
284	100		
142	35.5	26.7	40.1
249	31.3	24.6	36.8



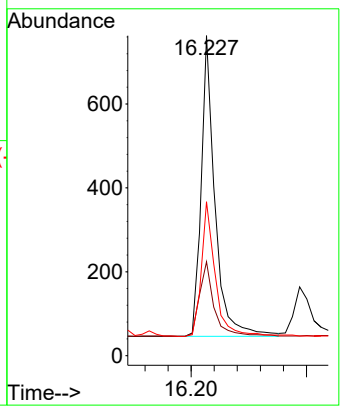


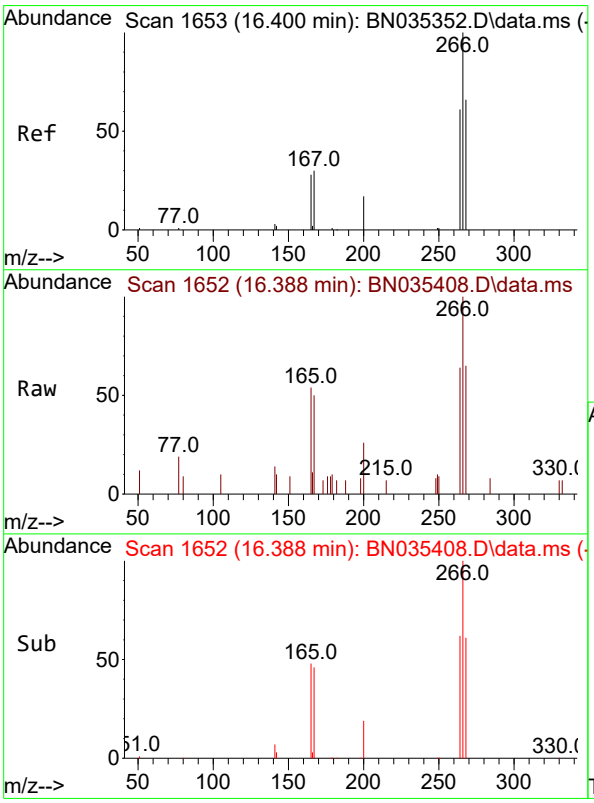
#23
Atrazine
Concen: 0.344 ng
RT: 16.227 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:200 Resp: 1192

Ion	Ratio	Lower	Upper
200	100		
173	29.4	24.1	36.1
215	48.1	36.9	55.3

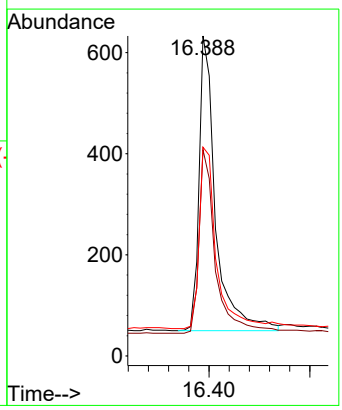


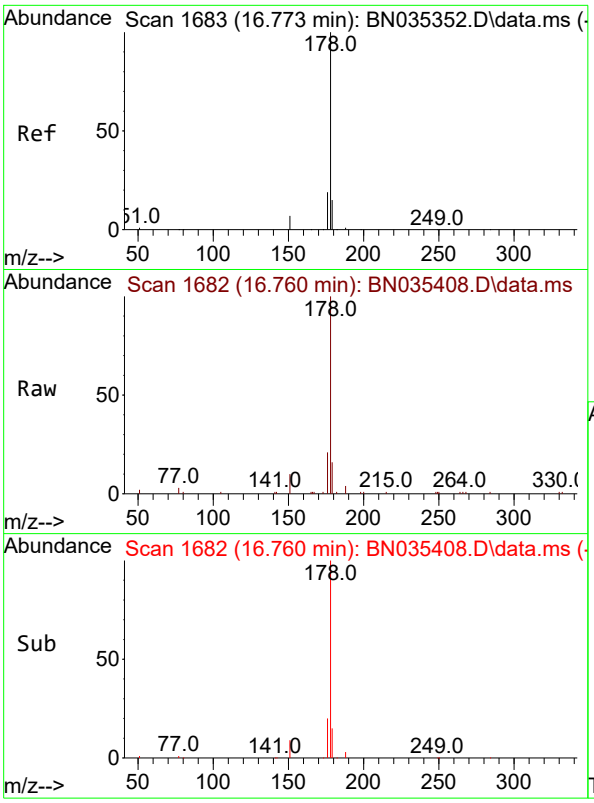


#24
Pentachlorophenol
Concen: 0.533 ng
RT: 16.388 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:266 Resp: 1328

Ion	Ratio	Lower	Upper
266	100		
264	61.8	42.3	63.5
268	65.1	43.3	64.9#



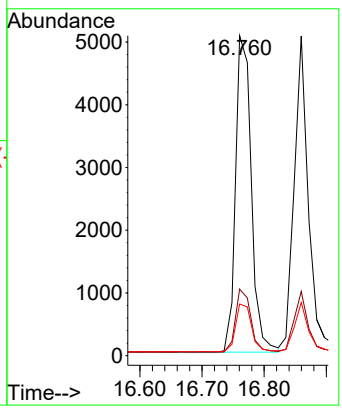


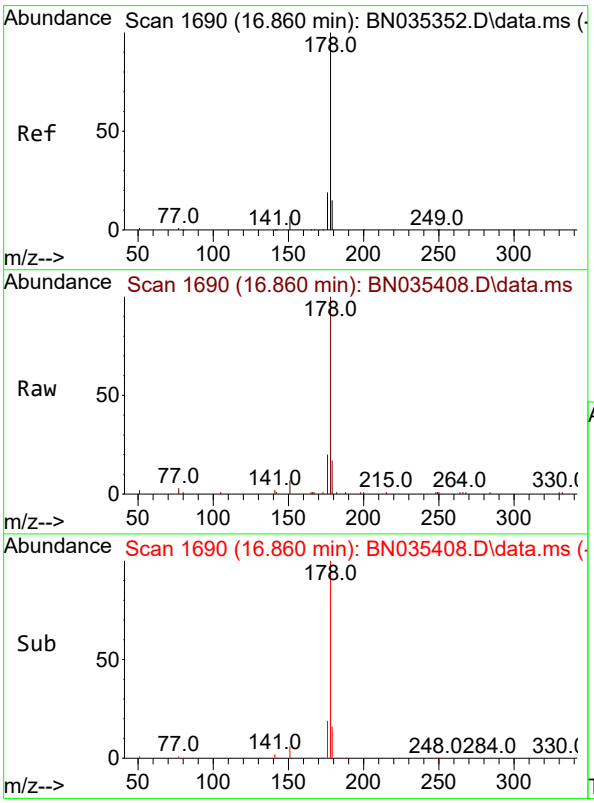
#25
Phenanthrene
Concen: 0.389 ng
RT: 16.760 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:178 Resp: 8896

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.3	18.5

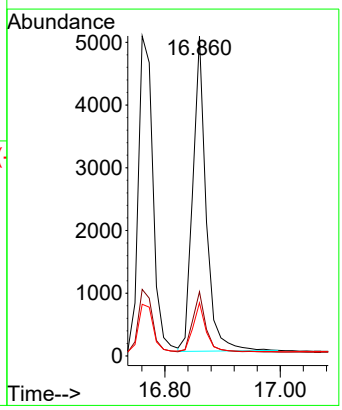


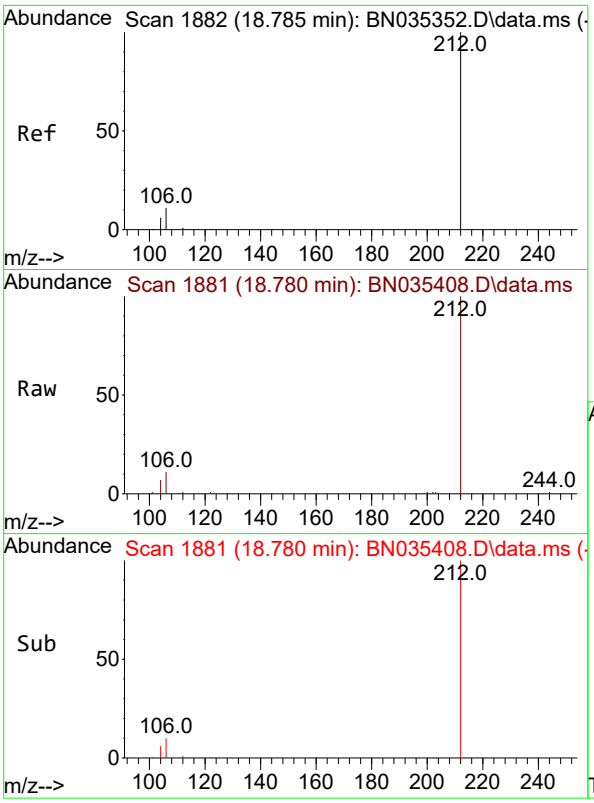


#26
Anthracene
Concen: 0.388 ng
RT: 16.860 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:178 Resp: 8036

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.3	12.6	18.8



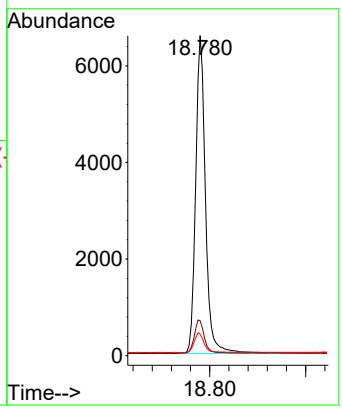


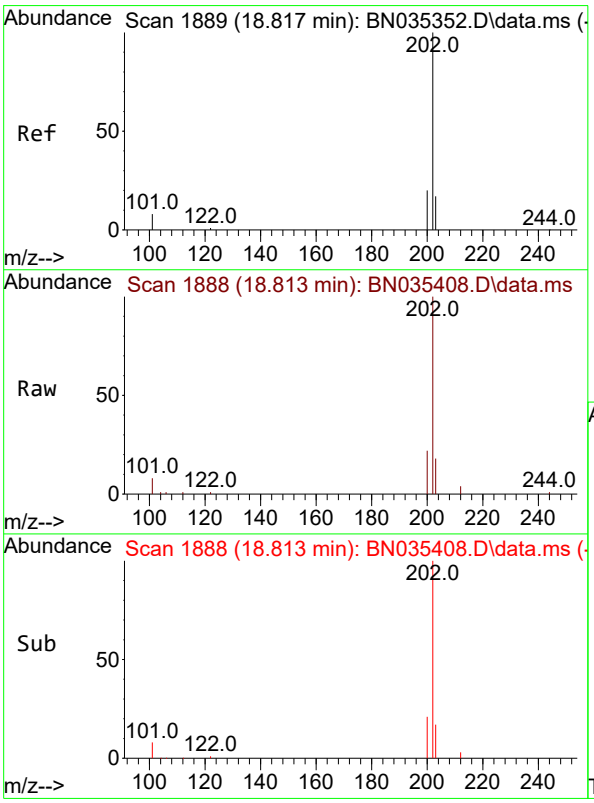
#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.780 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:212 Resp: 9414

Ion	Ratio	Lower	Upper
212	100		
106	10.6	9.2	13.8
104	6.2	5.3	7.9

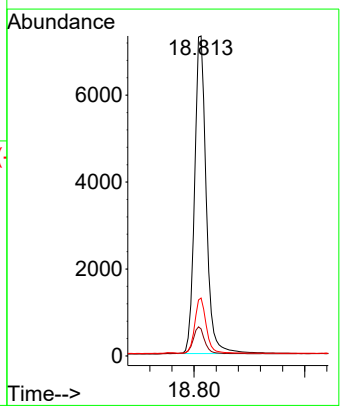


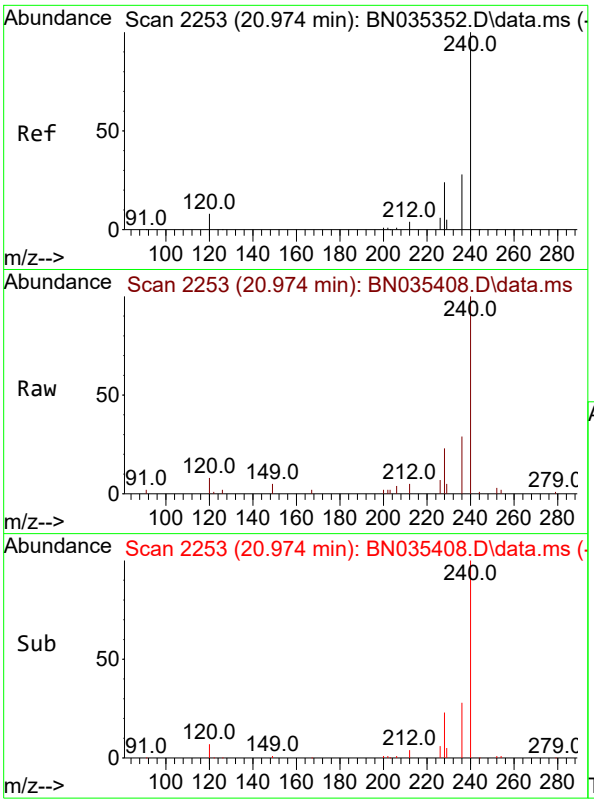


#28
Fluoranthene
Concen: 0.347 ng
RT: 18.813 min Scan# 1888
Delta R.T. -0.005 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:202 Resp: 10698

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.4	11.0
203	16.9	13.7	20.5



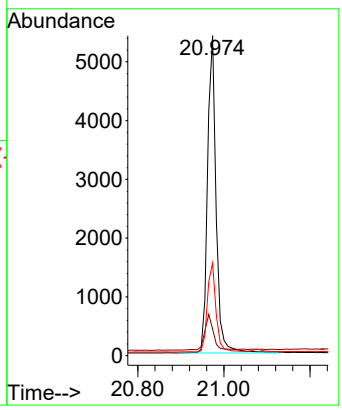


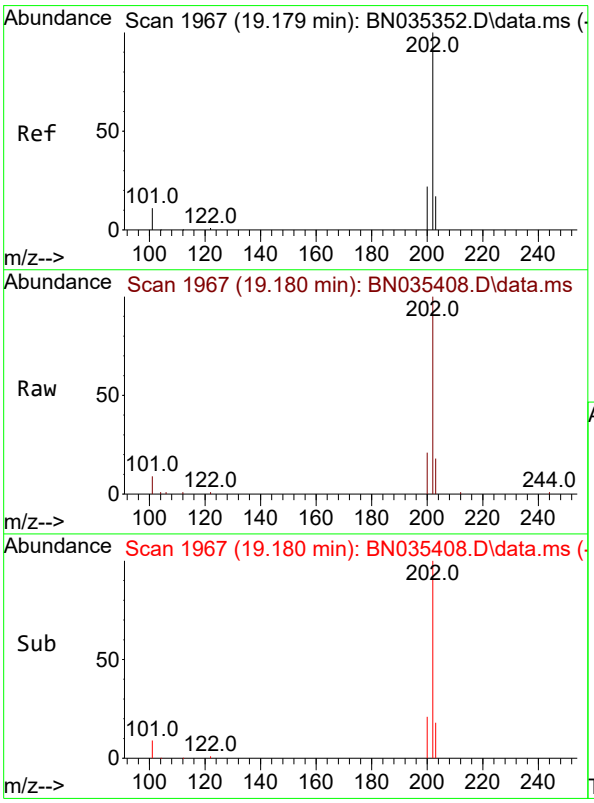
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:240 Resp: 7507

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.9	11.9
236	28.9	22.9	34.3

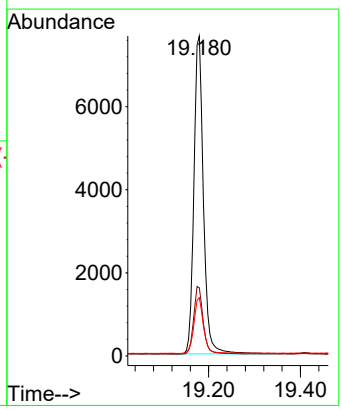


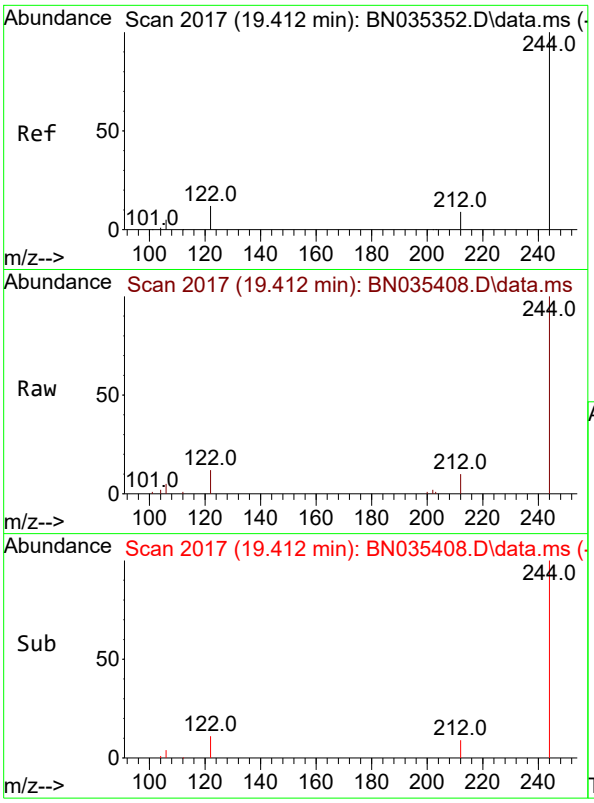


#30
Pyrene
Concen: 0.397 ng
RT: 19.180 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:202 Resp: 10998

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.5	14.3	21.5



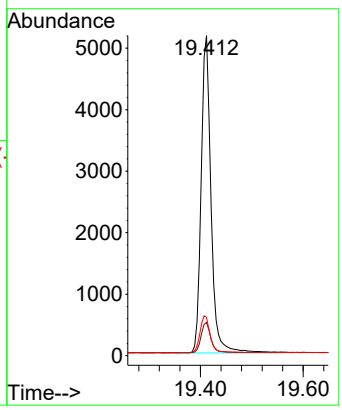


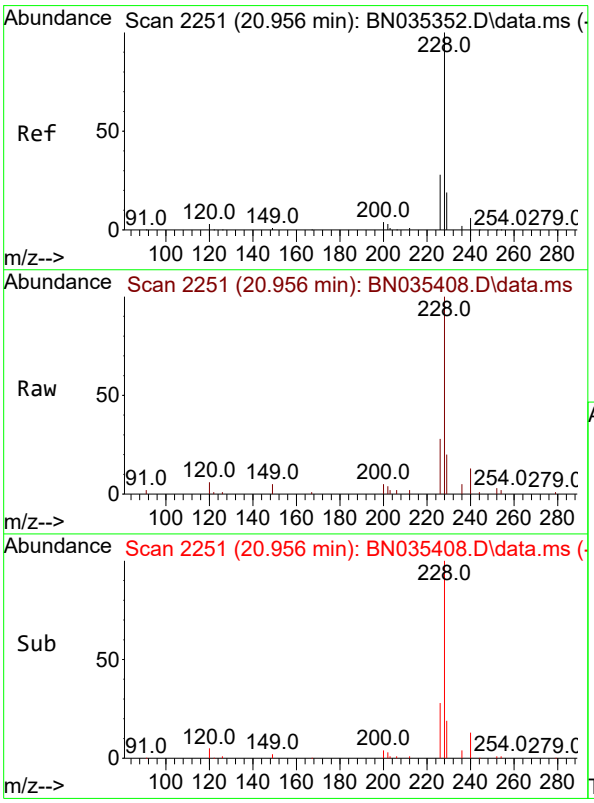
#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.412 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:244 Resp: 6867

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.1	12.1
122	12.0	10.3	15.5

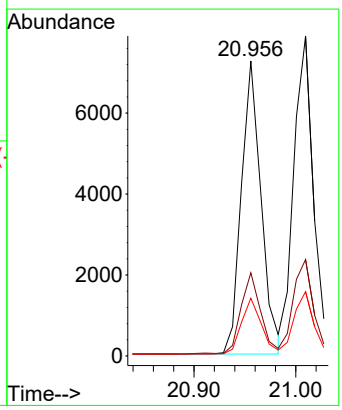


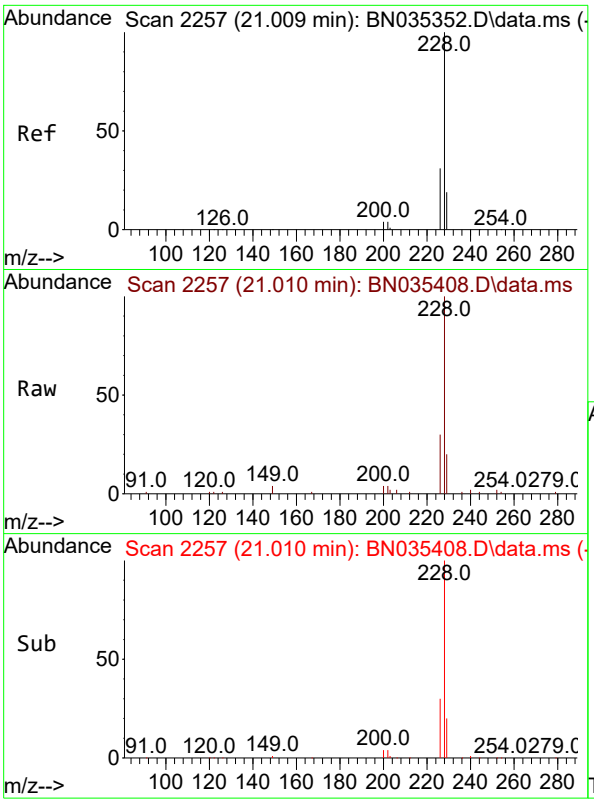


#32
Benzo(a)anthracene
Concen: 0.373 ng
RT: 20.956 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:228 Resp: 9786

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	19.6	15.8	23.8



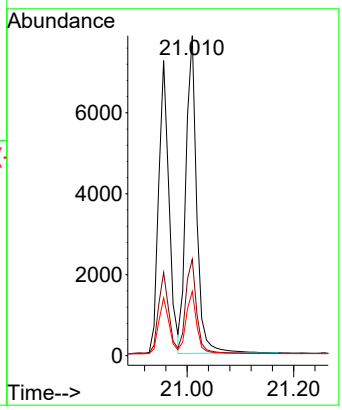


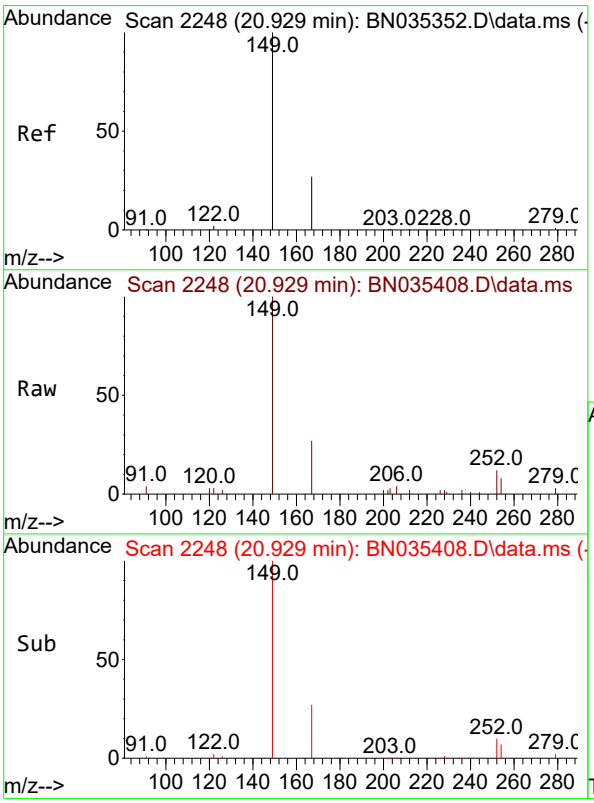
#33
Chrysene
Concen: 0.406 ng
RT: 21.010 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:228 Resp: 10984

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	20.1	15.9	23.9

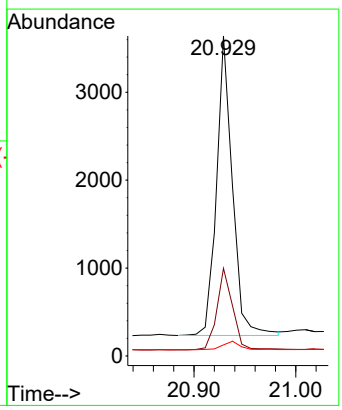


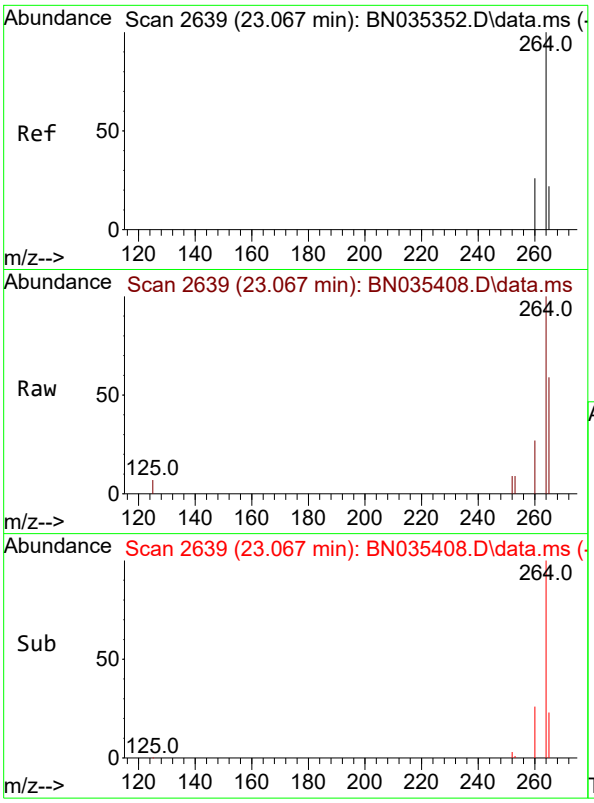


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 20.929 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:149 Resp: 3698

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.4
279	3.3	2.7	4.1



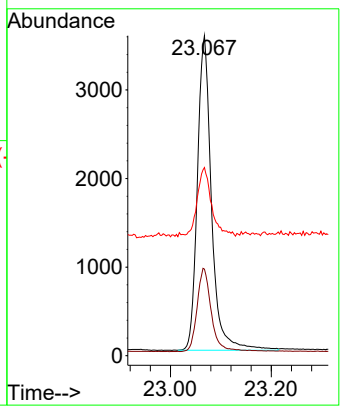


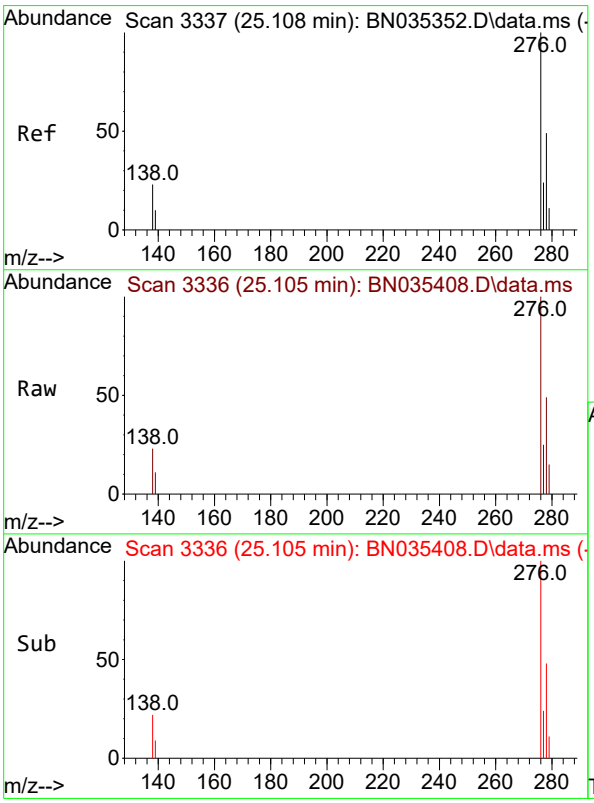
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.067 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:264 Resp: 6897

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	58.8	40.2	60.4

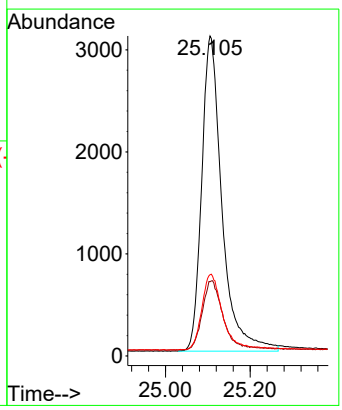


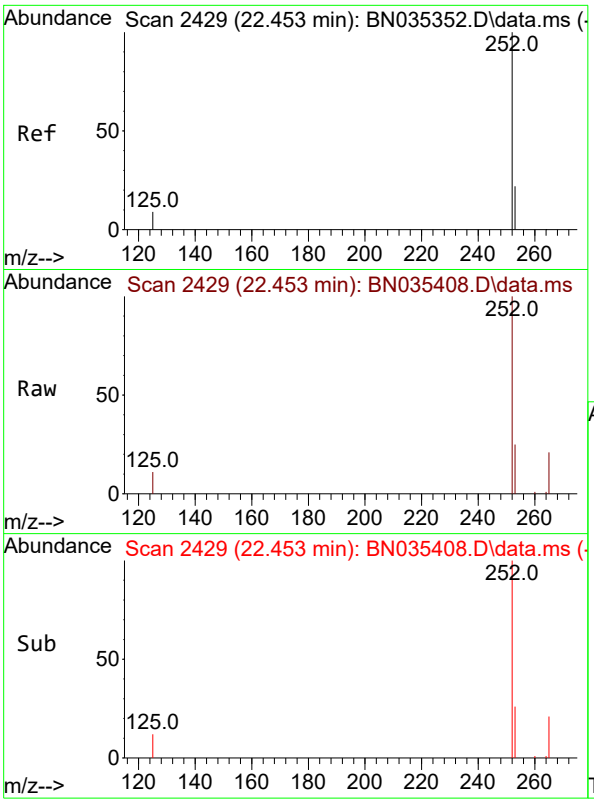


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 25.105 min Scan# 3336
Delta R.T. -0.003 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:276 Resp: 10275

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.4	29.0
277	24.3	19.8	29.6



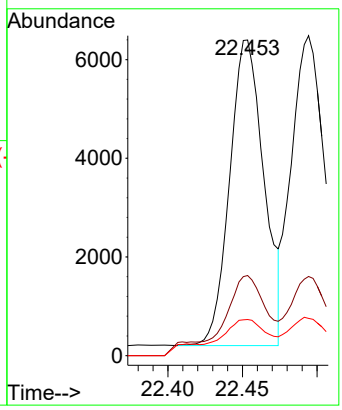


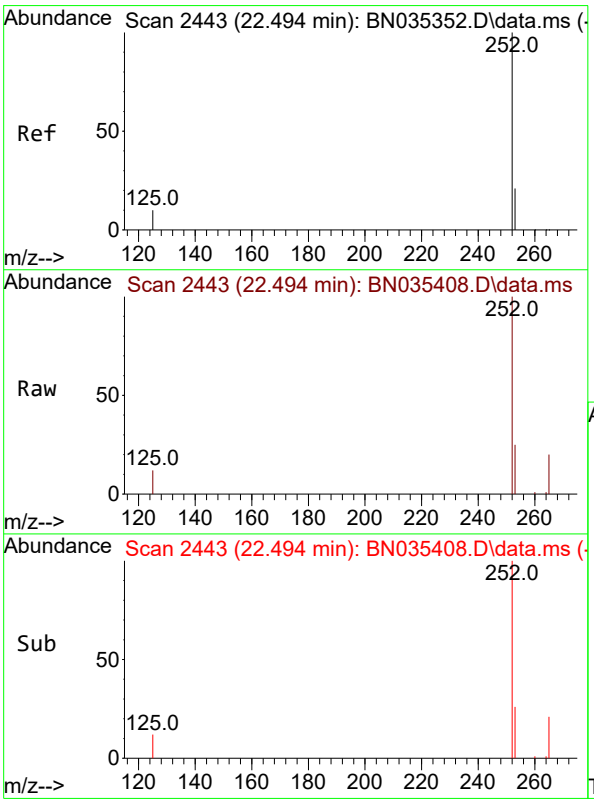
#37
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.453 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:252 Resp: 9922

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.6	29.4
125	11.5	9.6	14.4

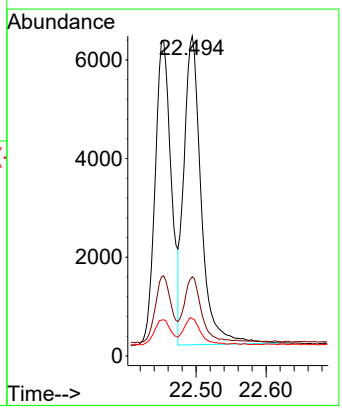


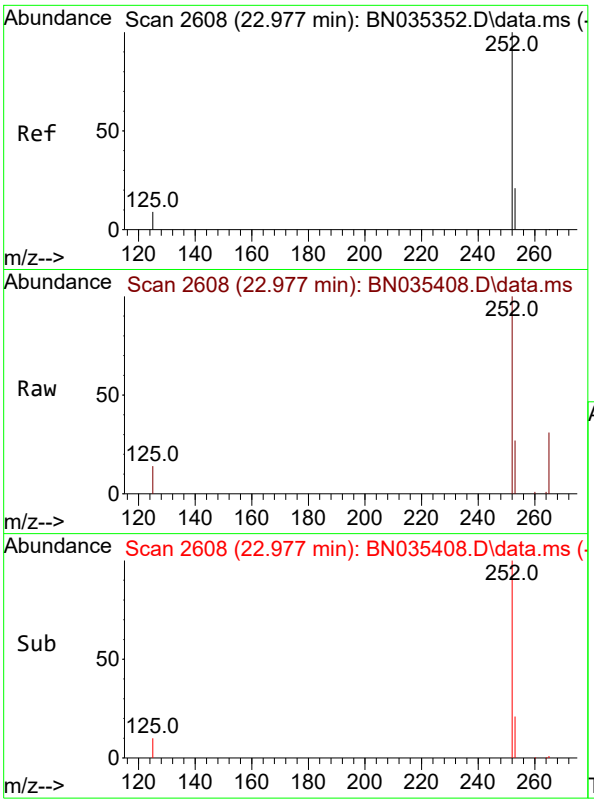


#38
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 22.494 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:252 Resp: 10718

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.5	29.3
125	11.6	10.2	15.4



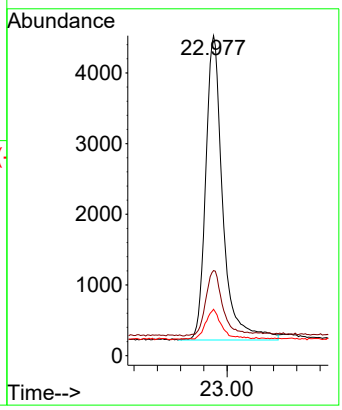


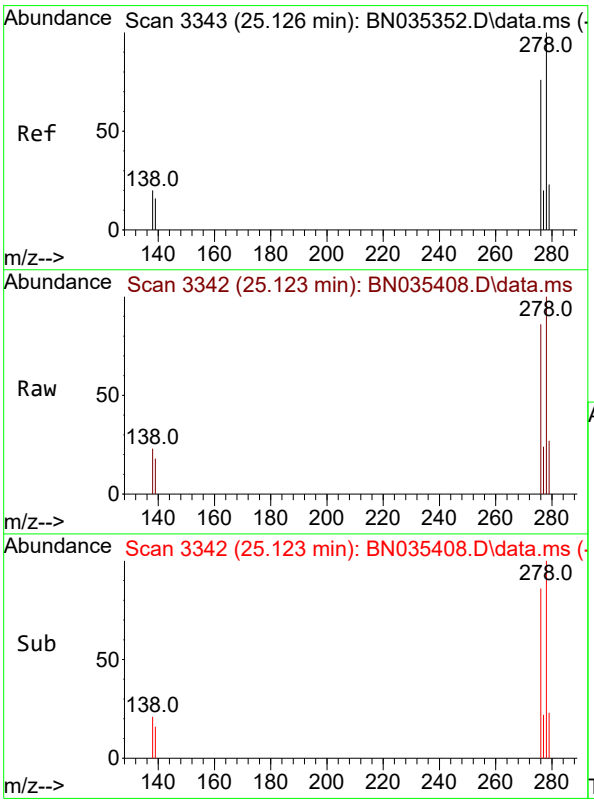
#39
Benzo(a)pyrene
Concen: 0.423 ng
RT: 22.977 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:252 Resp: 8783

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.4
125	14.5	10.9	16.3

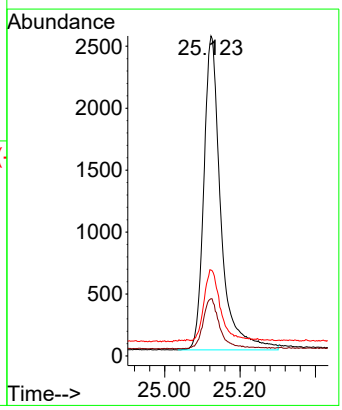


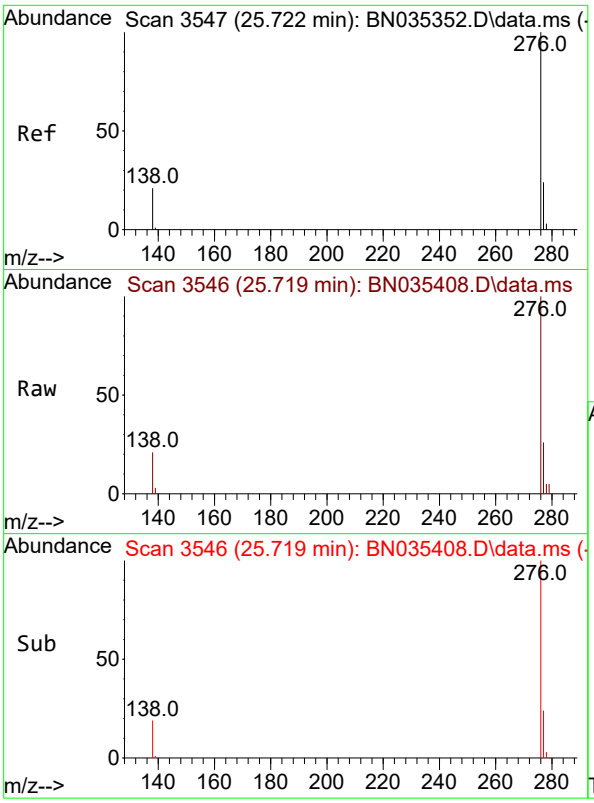


#40
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.123 min Scan# 3342
Delta R.T. -0.003 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Tgt Ion:278 Resp: 7917

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.2	21.4
279	26.9	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.373 ng
RT: 25.719 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035408.D
Acq: 03 Dec 2024 18:13

Instrument :
BNA_N
ClientSampleId :
PB165348BS

Tgt Ion:276 Resp: 8299

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.9	29.9
138	21.4	17.8	26.8