Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035808.D
Acq On : 24 Dec 2024 06:34
Operator : RC/JU
Sample : PB165667BS
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Quant Time: Dec 24 07:07:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	4067	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	9754	0.400	ng	#-0.01
13) Acenaphthene-d10	13.914	164	5527	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	10920	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	9467	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	9435	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	3134	0.308	ng	0.00
5) Phenol-d6	6.477	99	3400	0.278	ng	-0.01
8) Nitrobenzene-d5	8.397	82	3006	0.505	ng	-0.01
11) 2-Methylnaphthalene-d10	11.611	152	7007	0.459	ng	-0.01
14) 2,4,6-Tribromophenol	15.453	330	647	0.165	ng	0.00
15) 2-Fluorobiphenyl	12.528	172	8330	0.399	ng	-0.02
27) Fluoranthene-d10	18.752	212	11348	0.367	ng	0.00
31) Terphenyl-d14	19.384	244	8056	0.431	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.982	88	1441	0.371	ng	# 72
3) n-Nitrosodimethylamine	3.271	42	1276	0.394	ng	# 88
6) bis(2-Chloroethyl)ether	6.715	93	3429	0.333	ng	99
9) Naphthalene	10.052	128	9192	0.357	ng	100
10) Hexachlorobutadiene	10.340	225	2323	0.391	ng	# 99
12) 2-Methylnaphthalene	11.687	142	5969	0.324	ng	98
16) Acenaphthylene	13.636	152	8595	0.370	ng	99
17) Acenaphthene	13.978	154	5618	0.365	ng	99
18) Fluorene	14.994	166	7068	0.320	ng	99
20) 4,6-Dinitro-2-methylph...	15.122	198	260	0.242	ng	# 30
21) 4-Bromophenyl-phenylether	15.904	248	2229	0.349	ng	# 91
22) Hexachlorobenzene	16.003	284	3165	0.422	ng	98
23) Atrazine	16.202	200	1619	0.356	ng	96
24) Pentachlorophenol	16.363	266	1112	0.341	ng	# 84
25) Phenanthrene	16.736	178	10790	0.360	ng	99
26) Anthracene	16.835	178	9628	0.355	ng	99
28) Fluoranthene	18.785	202	12957	0.320	ng	100
30) Pyrene	19.152	202	13632	0.390	ng	99
32) Benzo(a)anthracene	20.929	228	10627	0.321	ng	99
33) Chrysene	20.983	228	14185	0.415	ng	100
34) Bis(2-ethylhexyl)phtha...	20.902	149	4640	0.355	ng	100
36) Indeno(1,2,3-cd)pyrene	25.053	276	13497	0.366	ng	98
37) Benzo(b)fluoranthene	22.421	252	22672	0.657	ng	96
38) Benzo(k)fluoranthene	22.462	252	14330	0.422	ng	97
39) Benzo(a)pyrene	22.942	252	11221	0.395	ng	# 92
40) Dibenzo(a,h)anthracene	25.076	278	9782	0.336	ng	93
41) Benzo(g,h,i)perylene	25.664	276	11572	0.380	ng	99

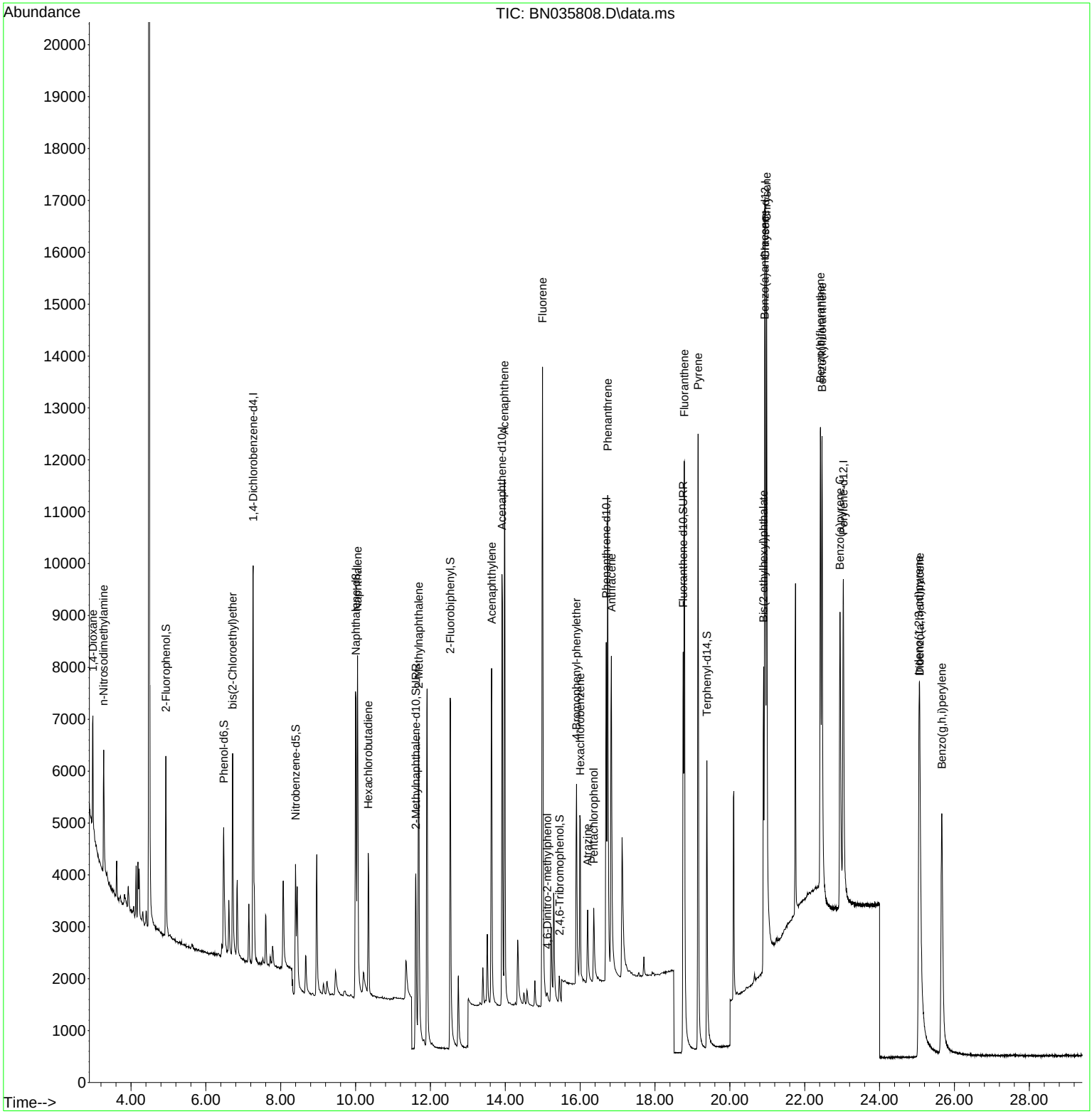
(#) = qualifier out of range (m) = manual integration (+) = signals summed

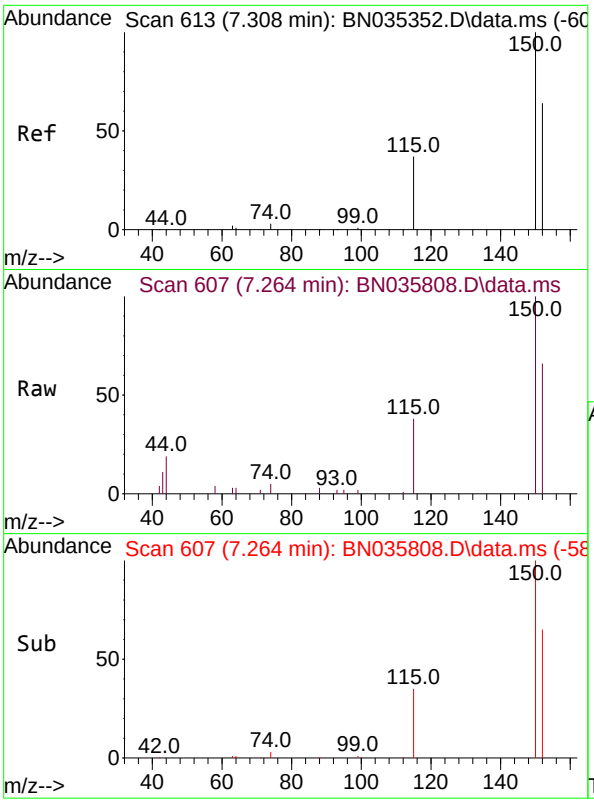
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035808.D
Acq On : 24 Dec 2024 06:34
Operator : RC/JU
Sample : PB165667BS
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Quant Time: Dec 24 07:07:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



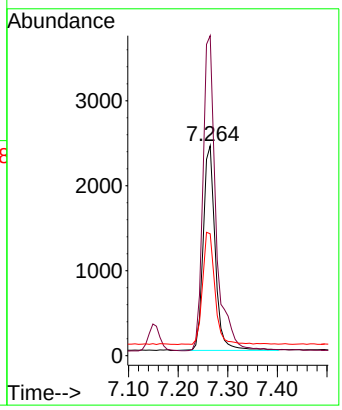


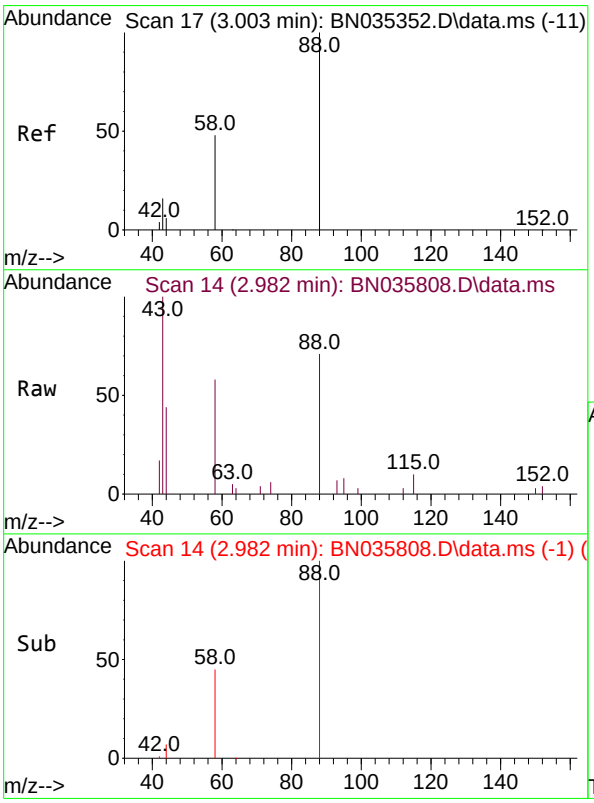
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 6(
Delta R.T. -0.008 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:152 Resp: 4067

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.0	186.0
115	58.0	49.6	74.4

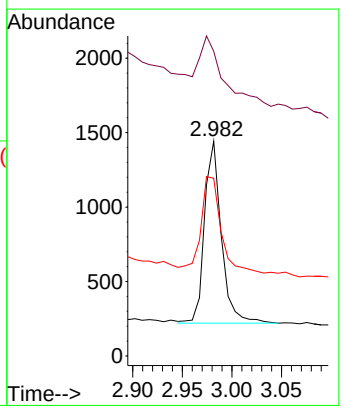


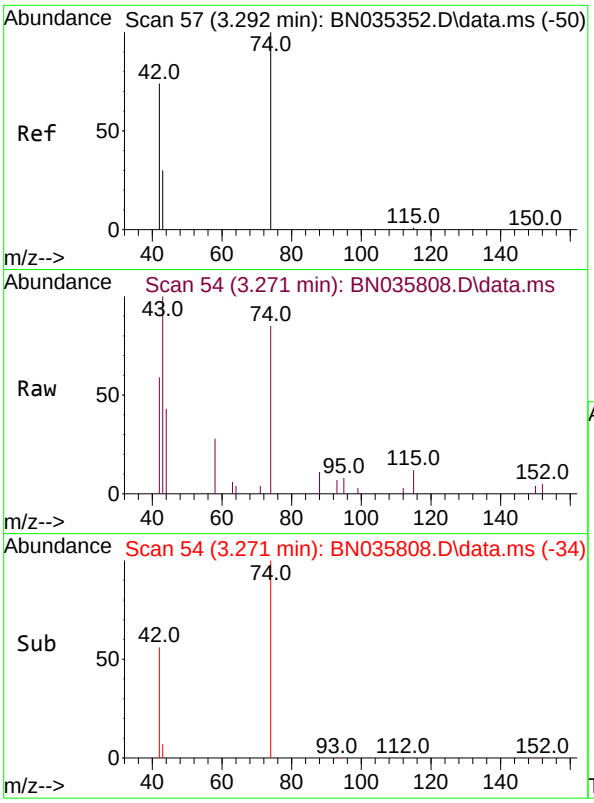


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 2.982 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion: 88 Resp: 1441

Ion	Ratio	Lower	Upper
88	100		
43	55.2	17.2	25.8#
58	64.2	44.5	66.7



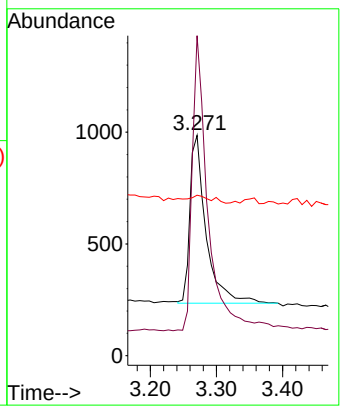


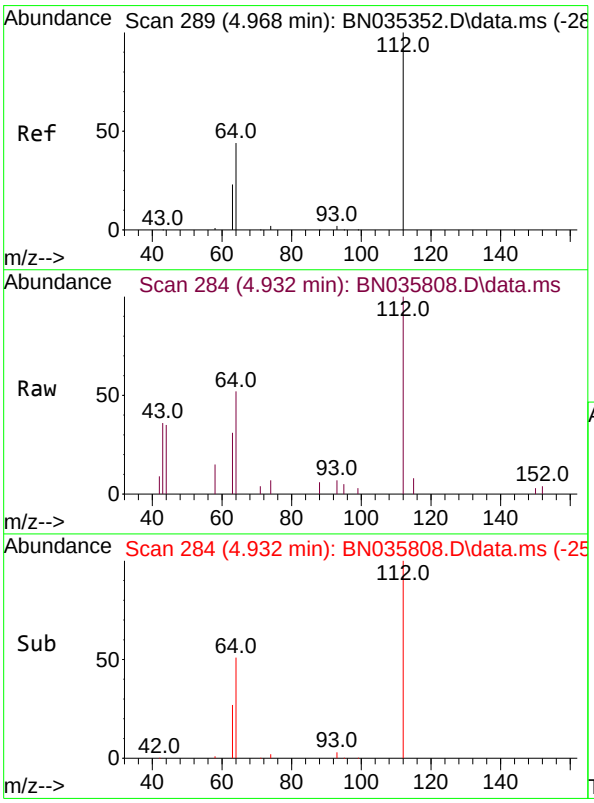
#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.271 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion: 42 Resp: 1276

Ion	Ratio	Lower	Upper
42	100		
74	171.2	124.9	187.3
44	6.1	2.2	3.4#

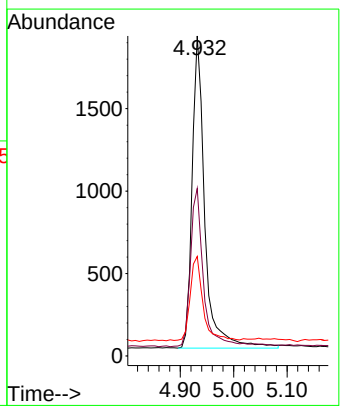


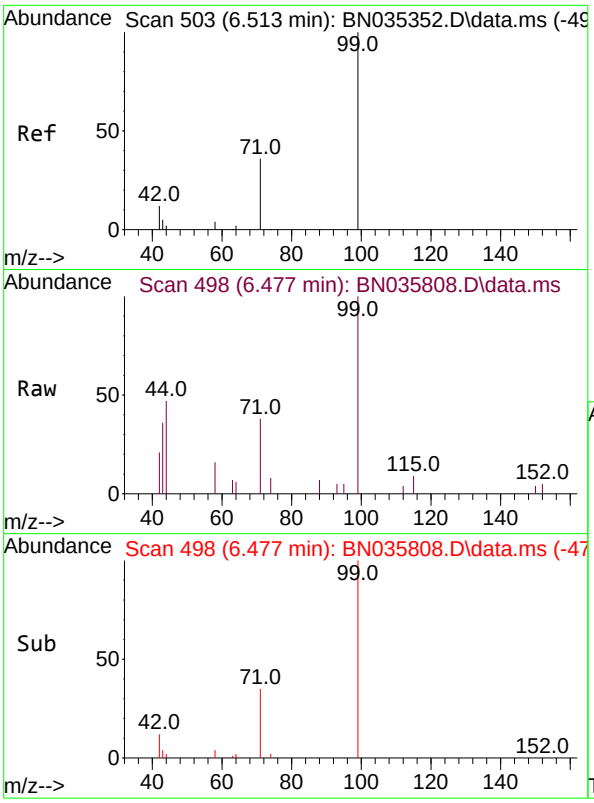


#4
2-Fluorophenol
Concen: 0.308 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:112 Resp: 3134

Ion	Ratio	Lower	Upper
112	100		
64	51.3	39.8	59.8
63	27.3	21.0	31.6



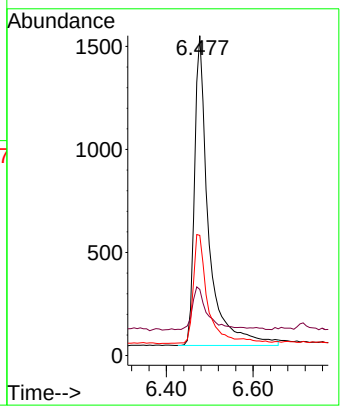


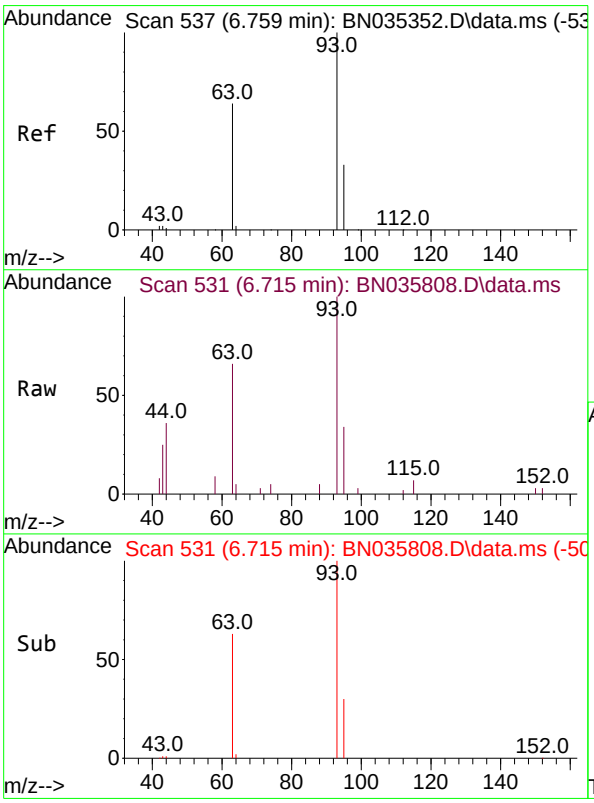
#5
Phenol-d6
Concen: 0.278 ng
RT: 6.477 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion: 99 Resp: 3400

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.4	17.2
71	34.8	29.3	43.9

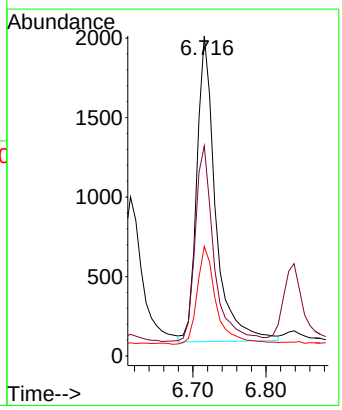


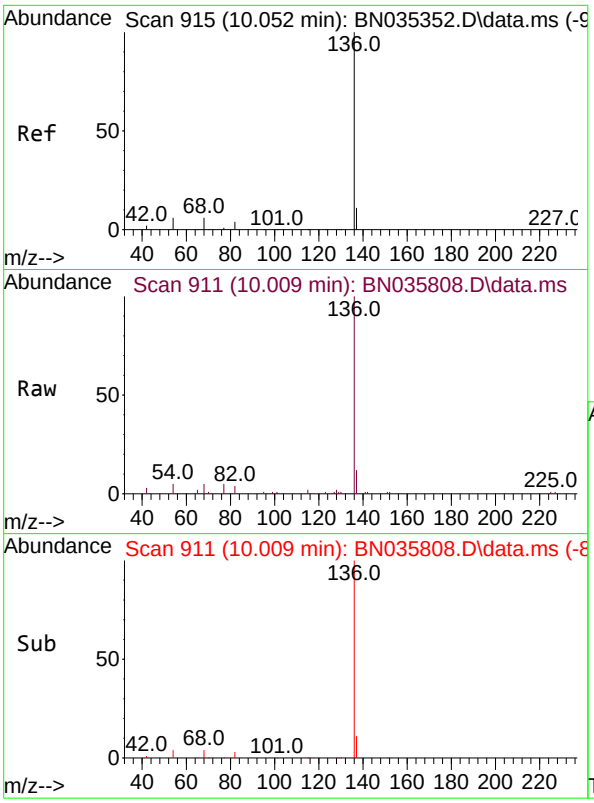


#6
bis(2-Chloroethyl)ether
Concen: 0.333 ng
RT: 6.715 min Scan# 531
Delta R.T. -0.015 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion: 93 Resp: 3429

Ion	Ratio	Lower	Upper
93	100		
63	63.3	50.4	75.6
95	32.7	25.7	38.5



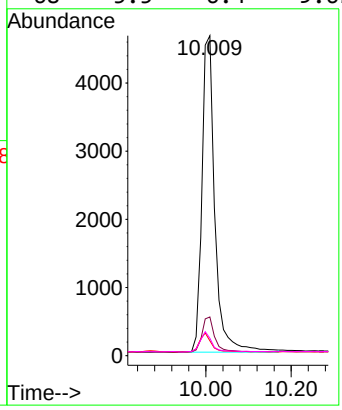


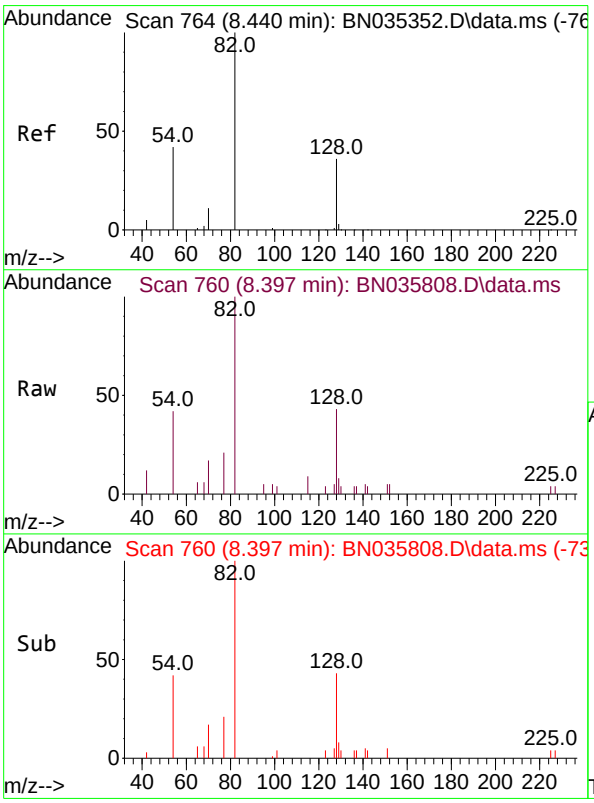
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:136 Resp: 9754

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.2	15.2
54	4.7	6.1	9.1#
68	5.5	6.4	9.6#

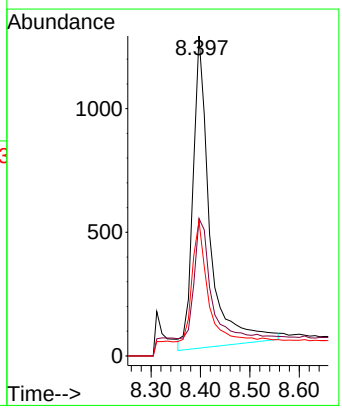


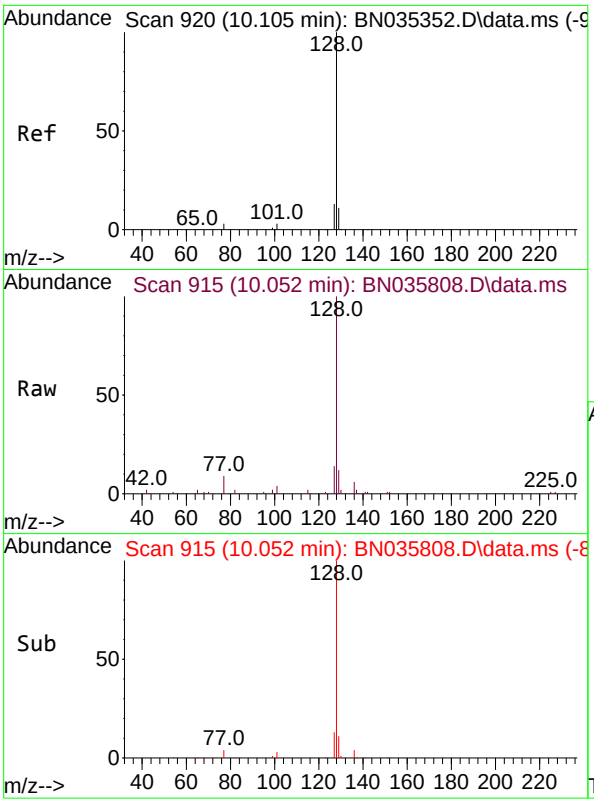


#8
Nitrobenzene-d5
Concen: 0.505 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion: 82 Resp: 3006

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	42.2	36.7	55.1



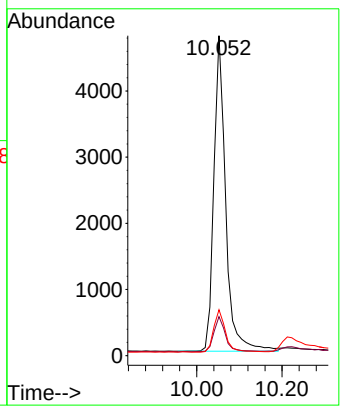


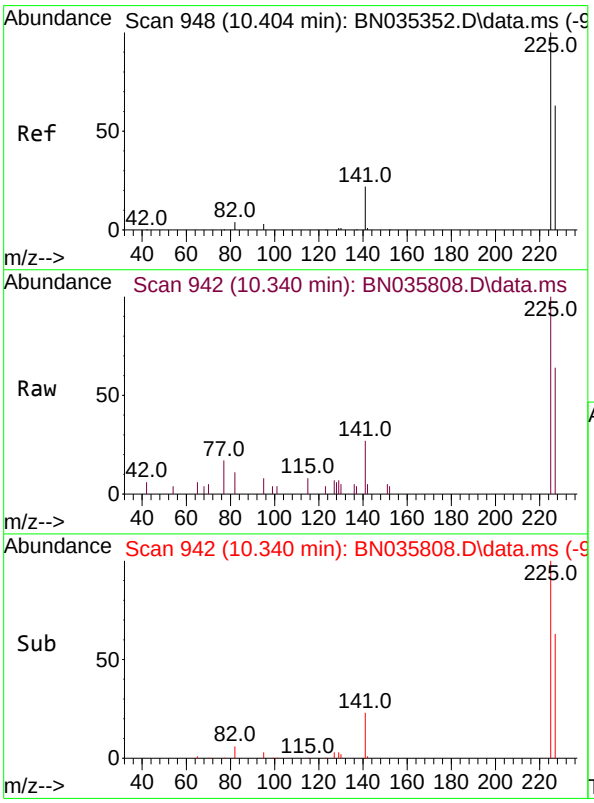
#9
Naphthalene
Concen: 0.357 ng
RT: 10.052 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:128 Resp: 9192

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.4	11.4	17.2

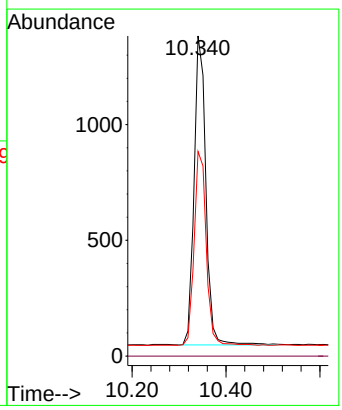


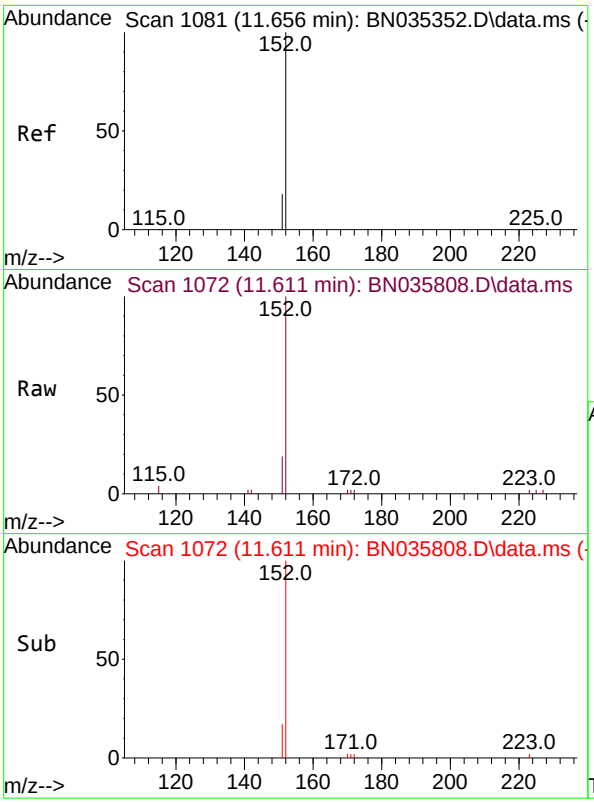


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.021 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:225 Resp: 2323

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.3	76.9



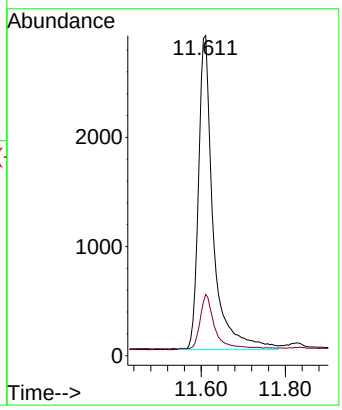


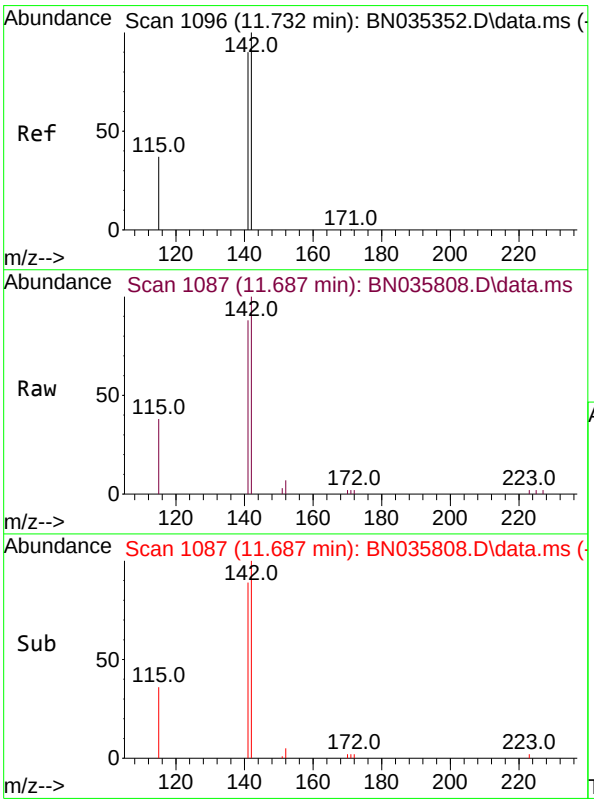
#11
2-Methylnaphthalene-d10
Concen: 0.459 ng
RT: 11.611 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:152 Resp: 7007

Ion	Ratio	Lower	Upper
152	100		
151	16.5	16.6	25.0#

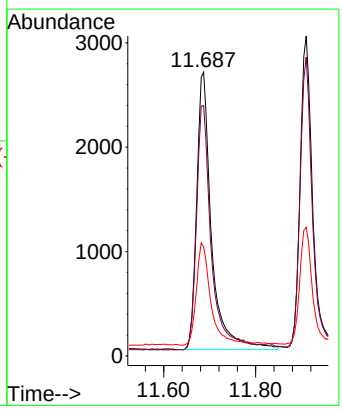


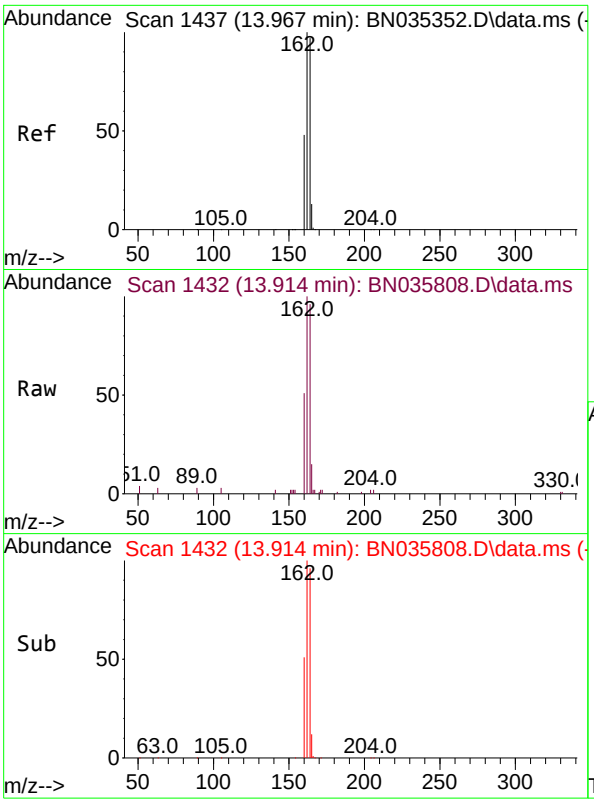


#12
2-Methylnaphthalene
Concen: 0.324 ng
RT: 11.687 min Scan# 1087
Delta R.T. -0.010 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:142 Resp: 5969

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4
115	38.4	31.4	47.0



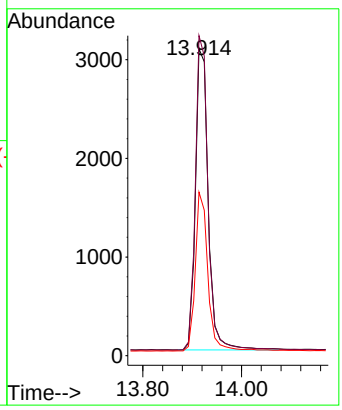


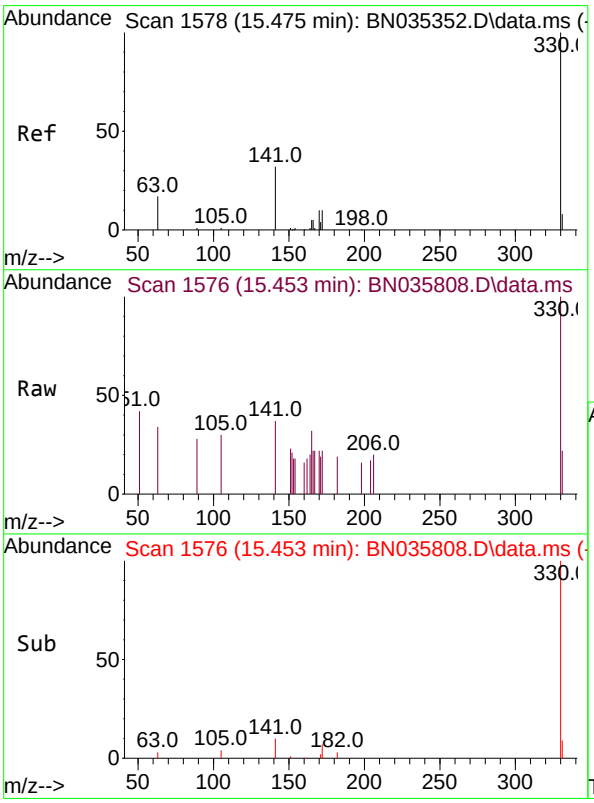
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:164 Resp: 5527

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	53.3	40.1	60.1

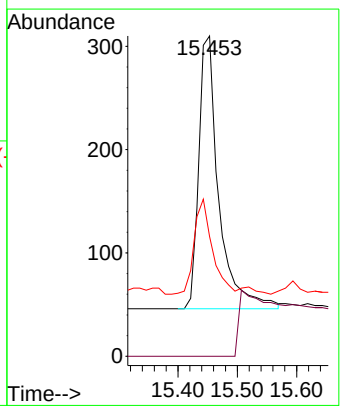


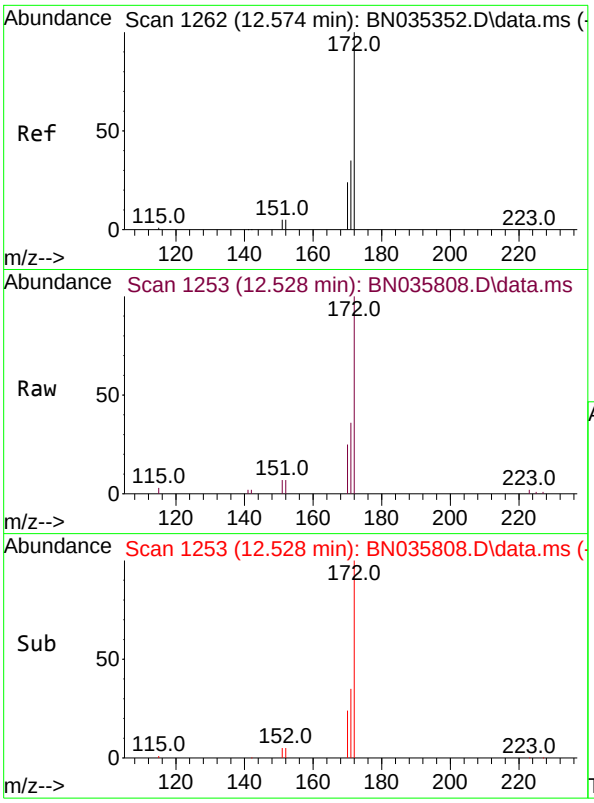


#14
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:330 Resp: 647

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.3	26.6	40.0



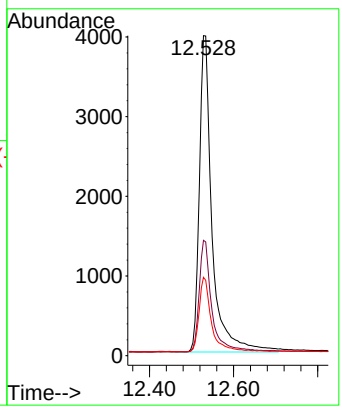


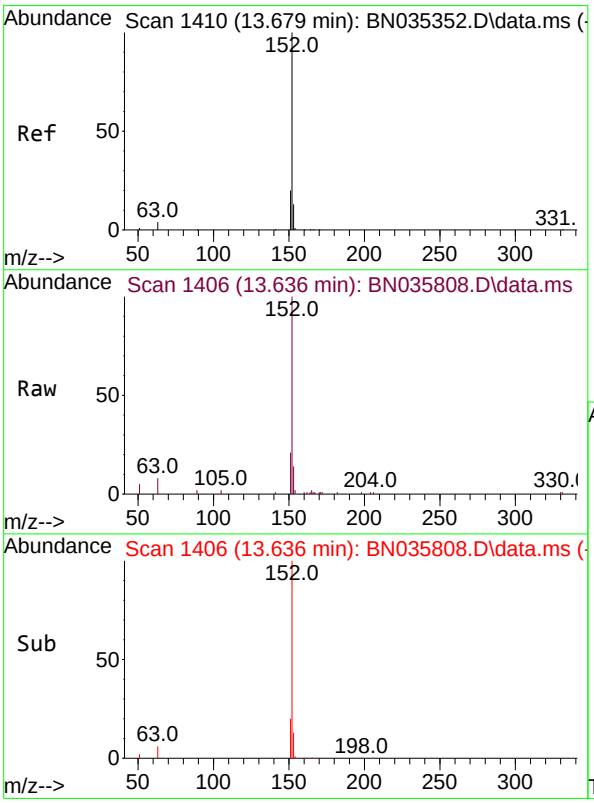
#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:172 Resp: 8330

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.5	19.8	29.8

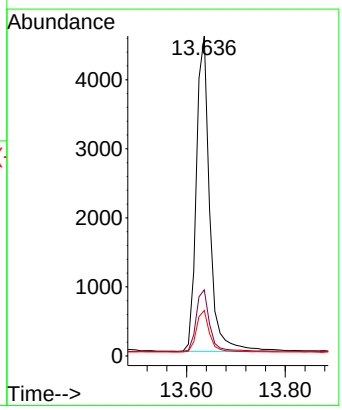


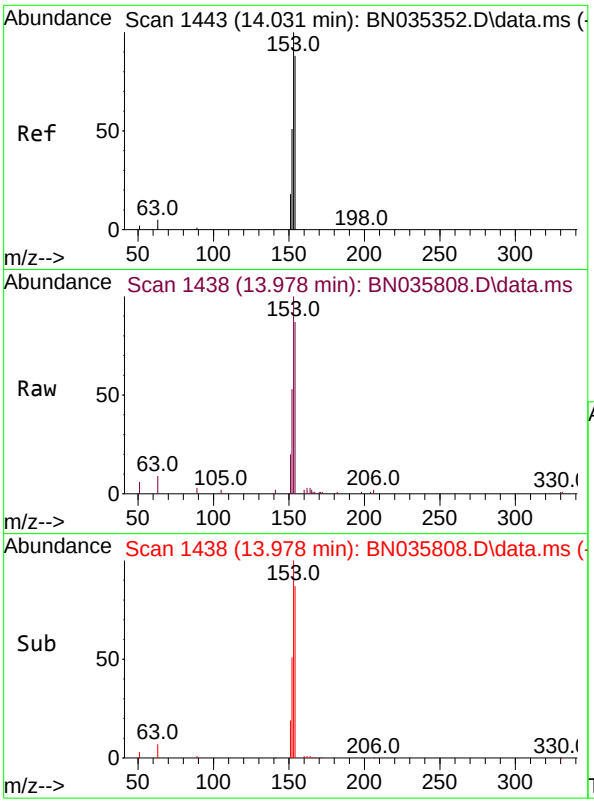


#16
Acenaphthylene
Concen: 0.370 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:152 Resp: 8595

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.1	10.4	15.6



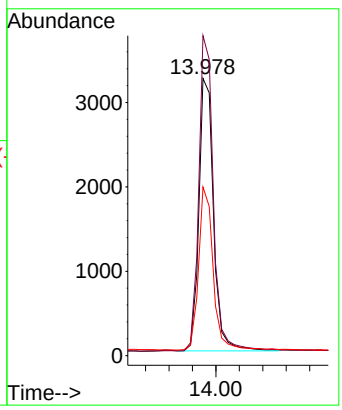


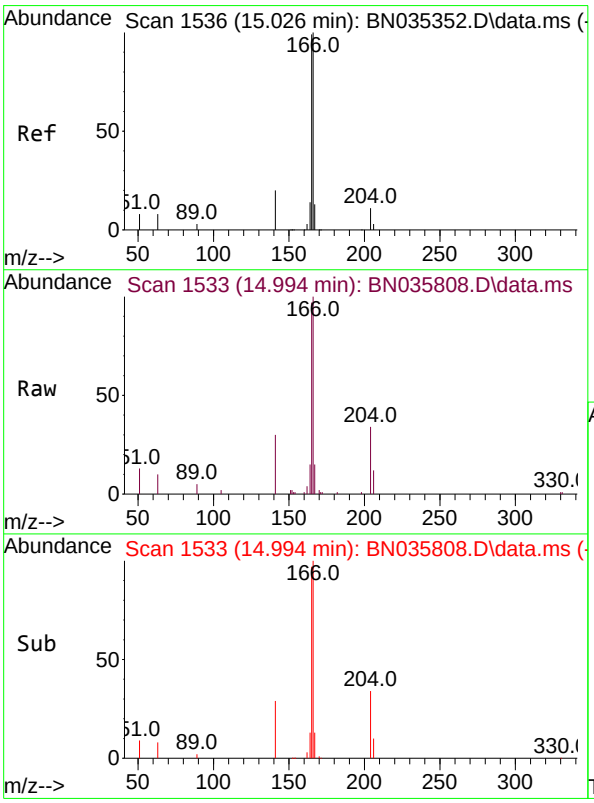
#17
Acenaphthene
Concen: 0.365 ng
RT: 13.978 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:154 Resp: 5618

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.6	139.0
152	59.8	49.0	73.6

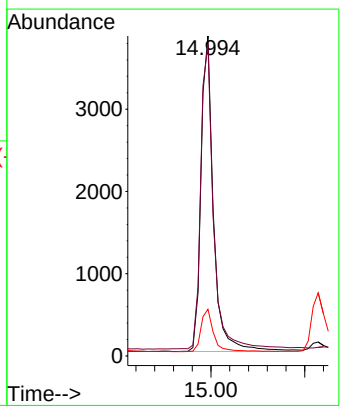


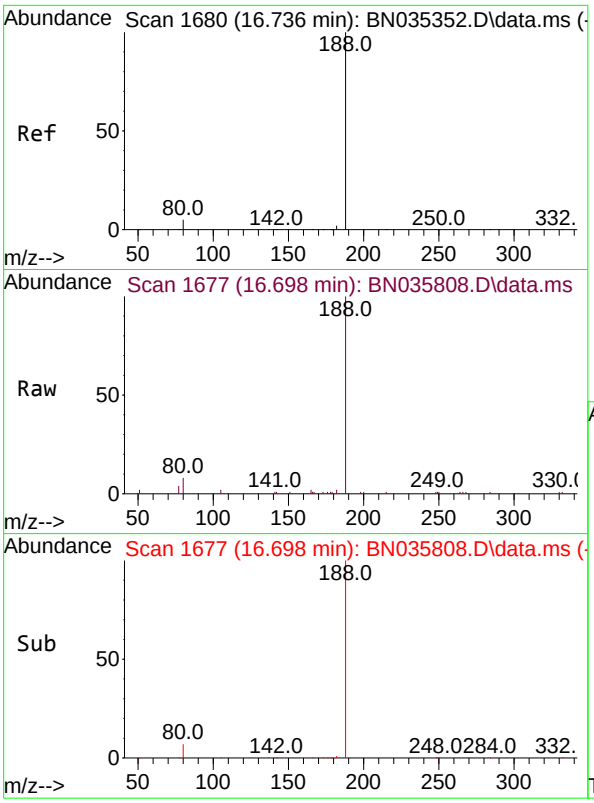


#18
Fluorene
Concen: 0.320 ng
RT: 14.994 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:166 Resp: 7068

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.7	119.5
167	13.7	10.8	16.2



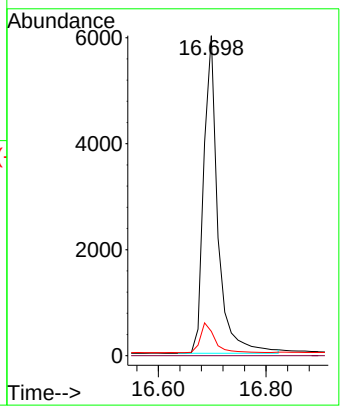


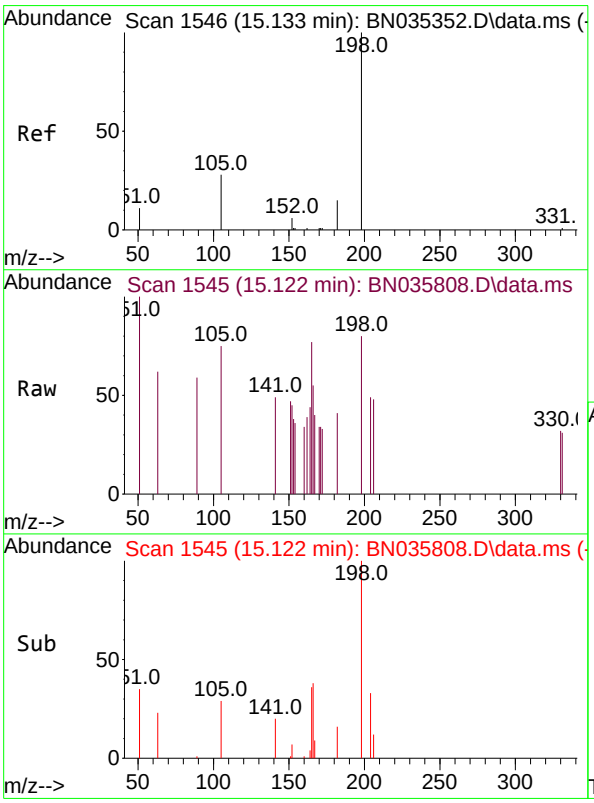
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:188 Resp: 10920

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	4.6	6.8#

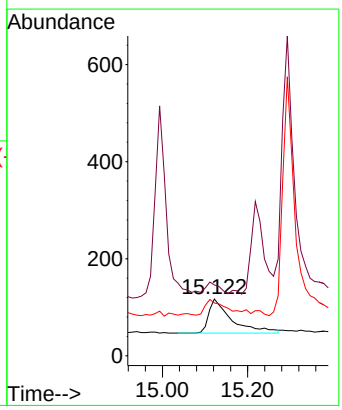


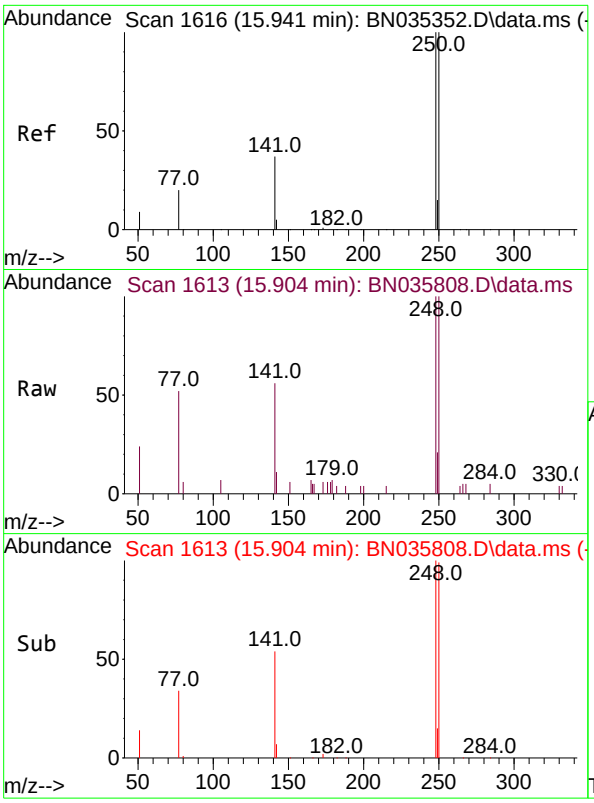


#20
4,6-Dinitro-2-methylphenol
Concen: 0.242 ng
RT: 15.122 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:198 Resp: 260

Ion	Ratio	Lower	Upper
198	100		
51	124.8	46.5	69.7#
105	93.2	45.3	67.9#



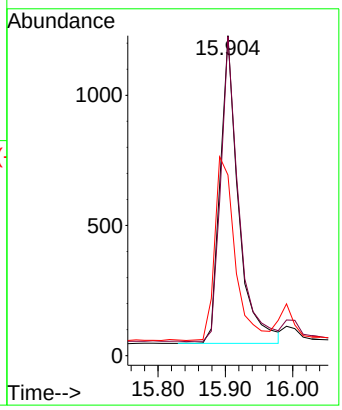


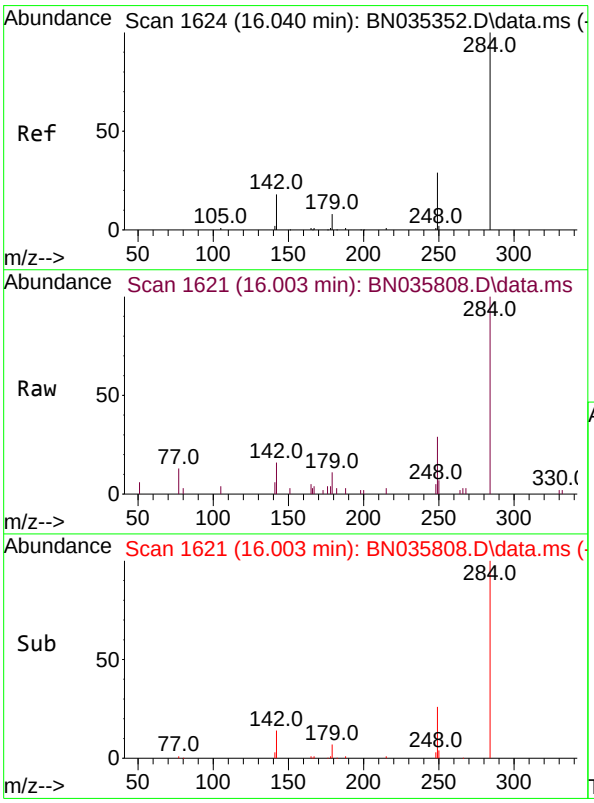
#21
4-Bromophenyl-phenylether
Concen: 0.349 ng
RT: 15.904 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:248 Resp: 2229

Ion	Ratio	Lower	Upper
248	100		
250	99.8	80.6	120.8
141	56.5	31.5	47.3#

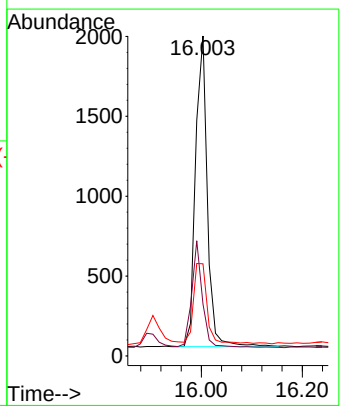


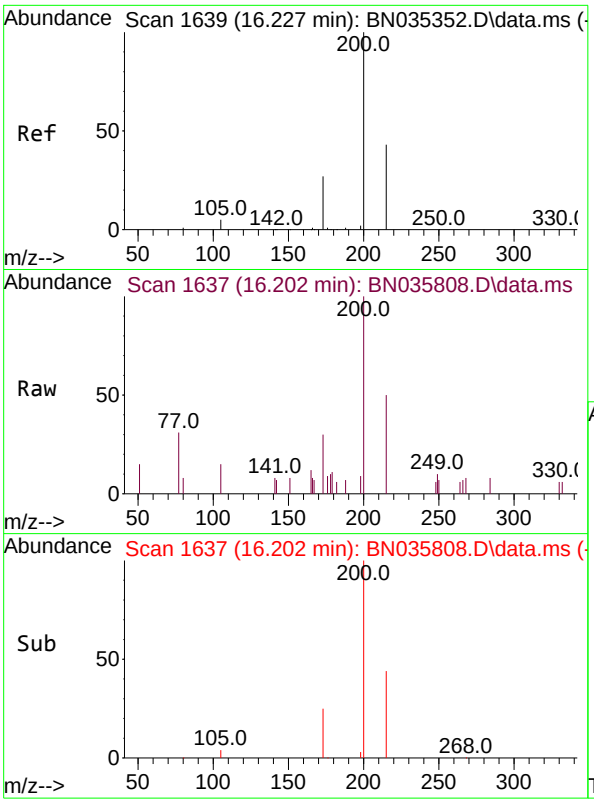


#22
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.003 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:284 Resp: 3165

Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.7	40.1
249	30.2	24.6	36.8



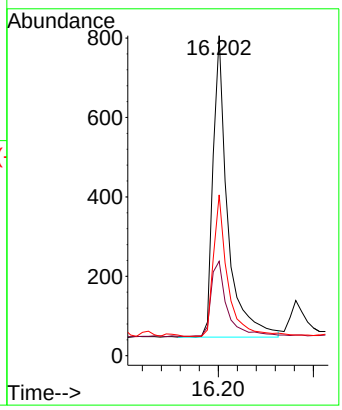


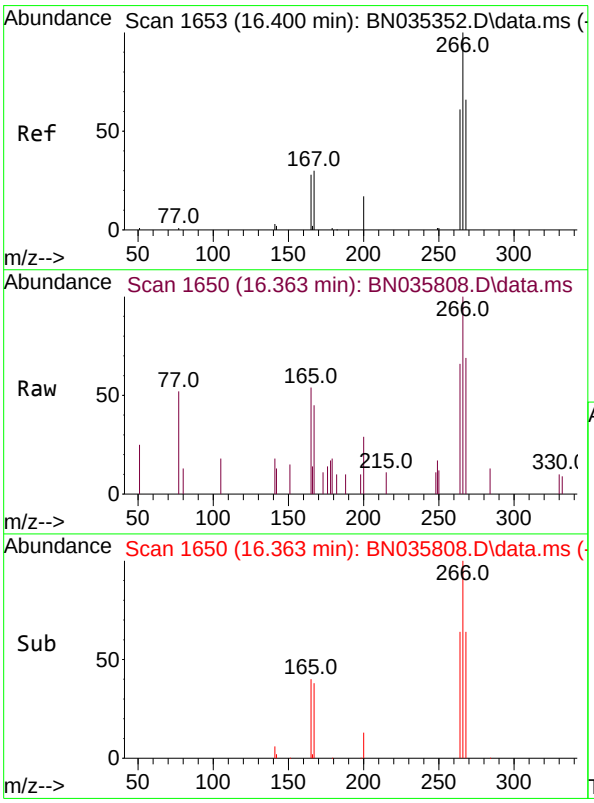
#23
Atrazine
Concen: 0.356 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:200 Resp: 1619

Ion	Ratio	Lower	Upper
200	100		
173	29.5	24.1	36.1
215	50.2	36.9	55.3

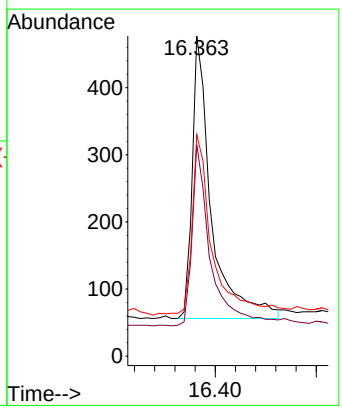


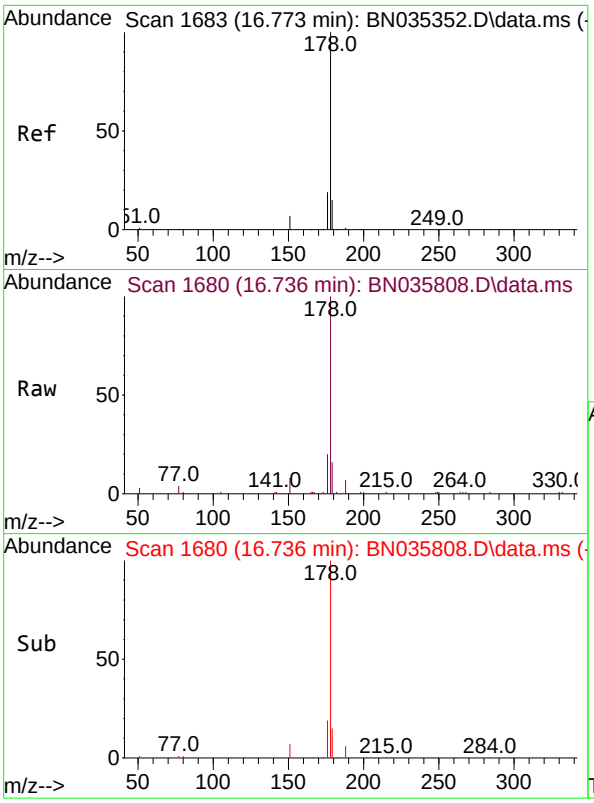


#24
Pentachlorophenol
Concen: 0.341 ng
RT: 16.363 min Scan# 1650
Delta R.T. -0.013 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:266 Resp: 1112

Ion	Ratio	Lower	Upper
266	100		
264	62.4	42.3	63.5
268	68.0	43.3	64.9#



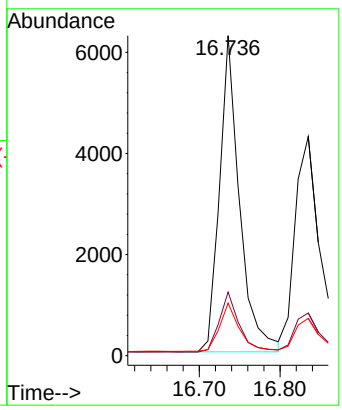


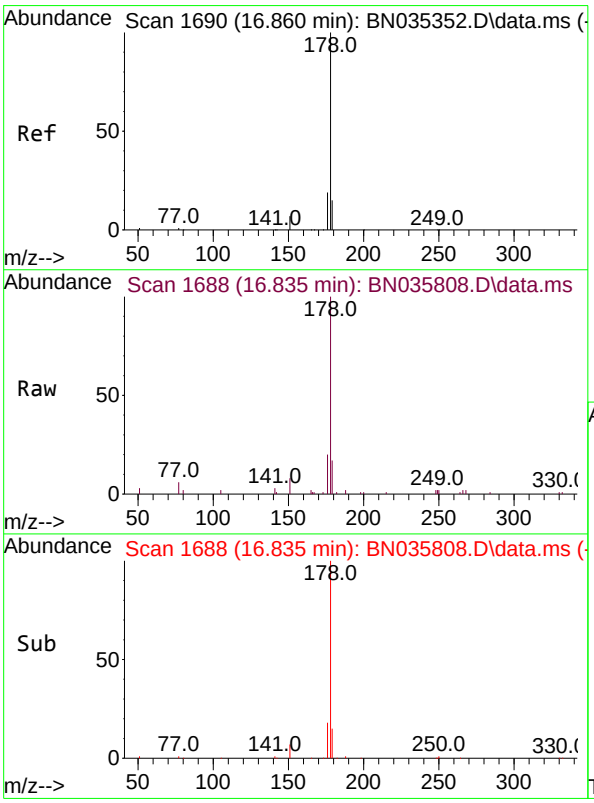
#25
Phenanthrene
Concen: 0.360 ng
RT: 16.736 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:178 Resp: 10790

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.2	12.3	18.5

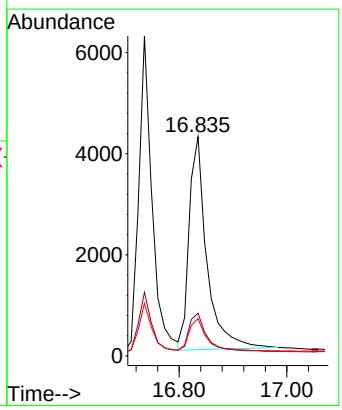


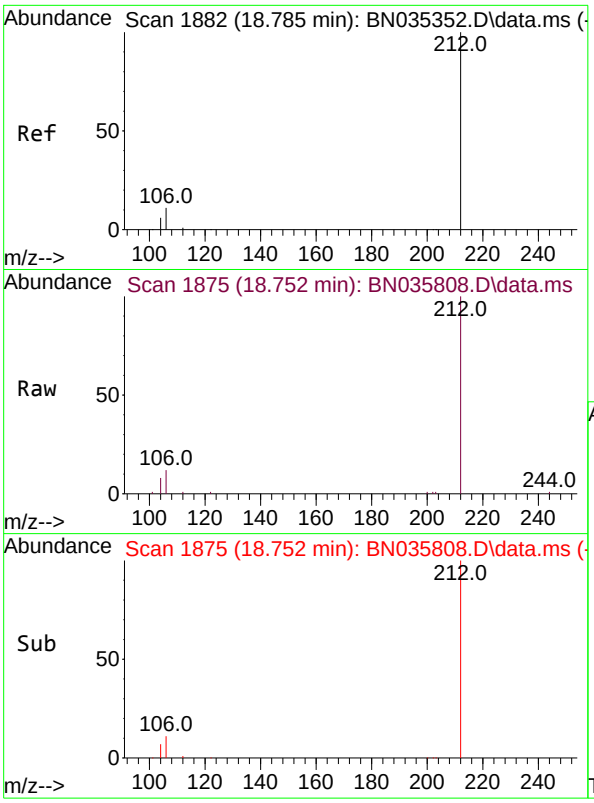


#26
Anthracene
Concen: 0.355 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:178 Resp: 9628

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.6	18.8



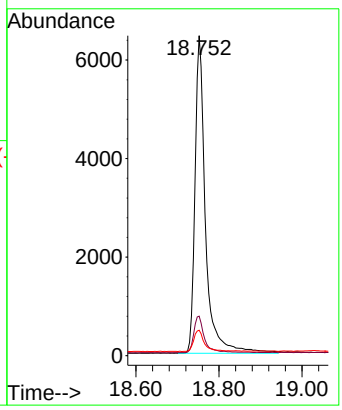


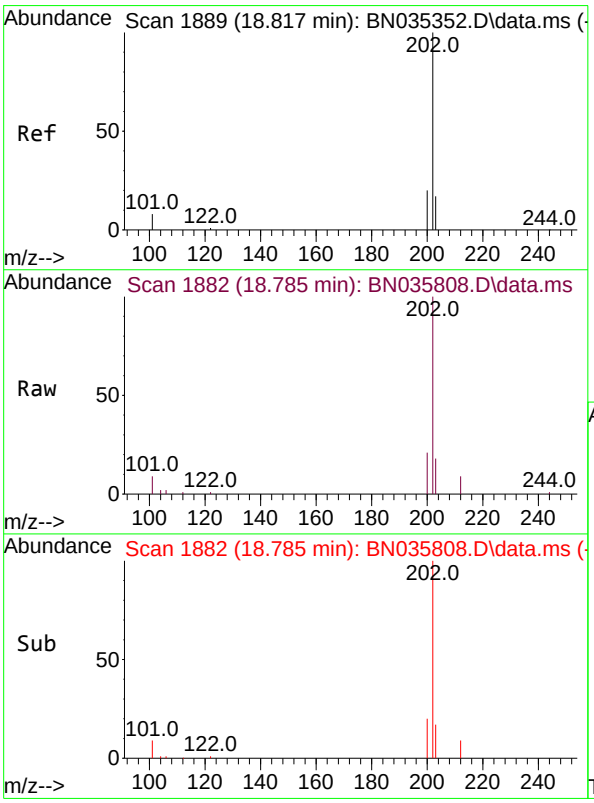
#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.752 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:212 Resp: 11348

Ion	Ratio	Lower	Upper
212	100		
106	11.5	9.2	13.8
104	6.6	5.3	7.9

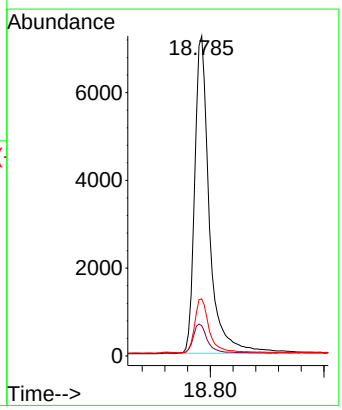


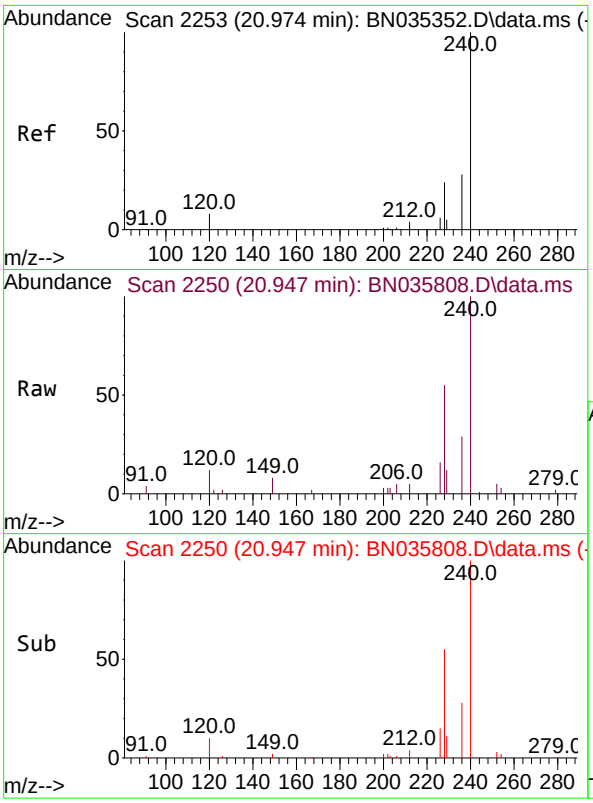


#28
Fluoranthene
Concen: 0.320 ng
RT: 18.785 min Scan# 1882
Delta R.T. -0.005 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:202 Resp: 12957

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.0
203	16.8	13.7	20.5



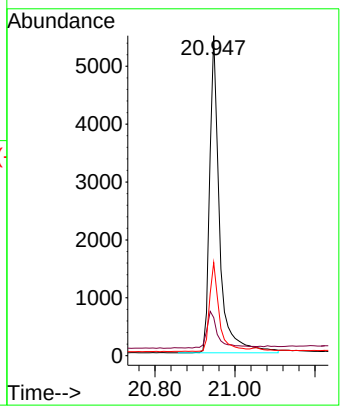


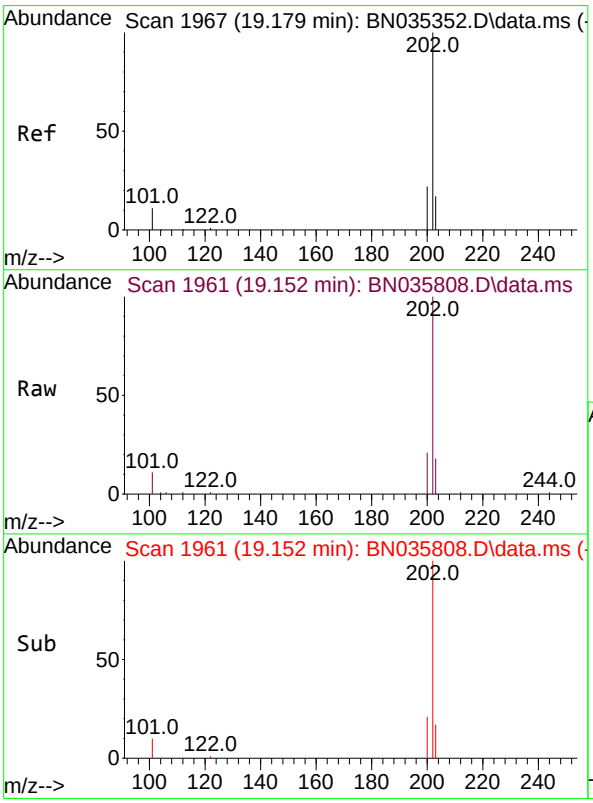
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:240 Resp: 9467

Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.9	11.9#
236	29.1	22.9	34.3

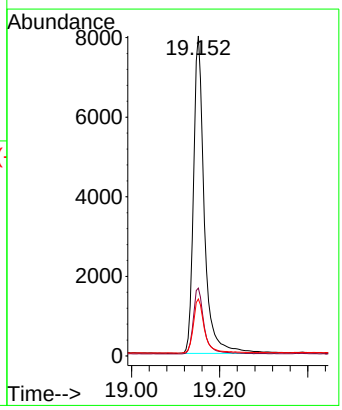


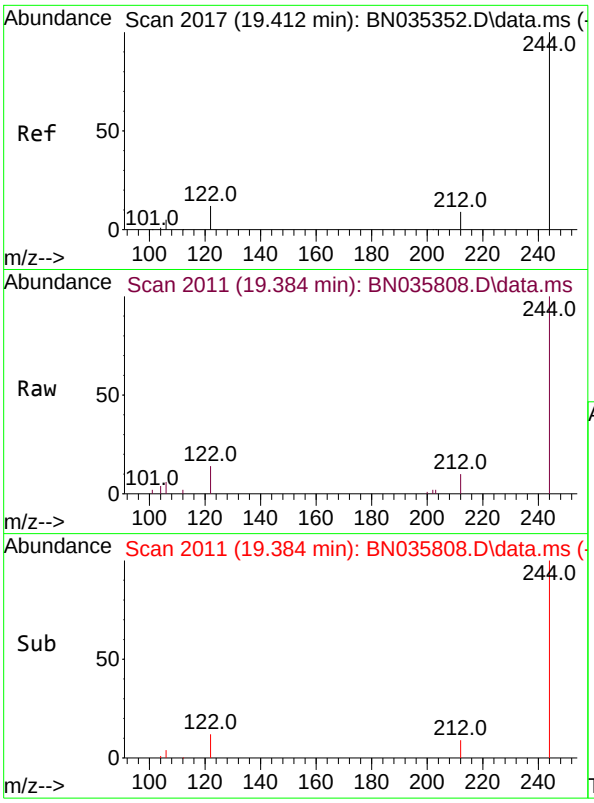


#30
Pyrene
Concen: 0.390 ng
RT: 19.152 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:202 Resp: 13632

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.6	14.3	21.5



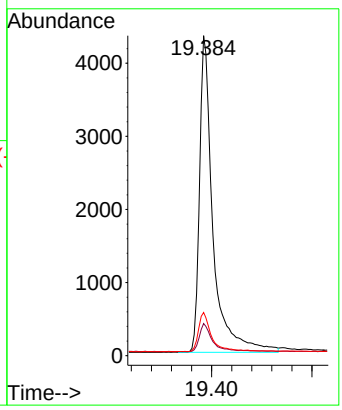


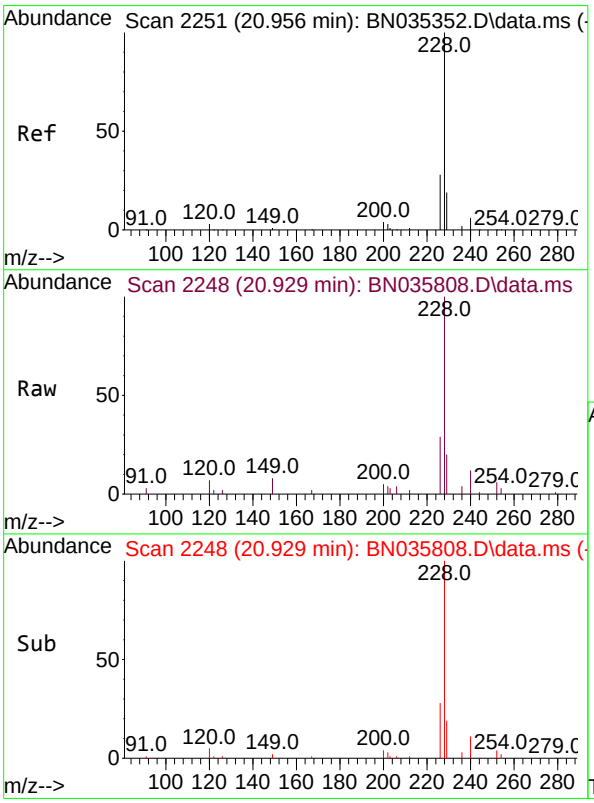
#31
Terphenyl-d14
Concen: 0.431 ng
RT: 19.384 min Scan# 2(
Delta R.T. -0.005 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:244 Resp: 8056

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.1	12.1
122	13.5	10.3	15.5

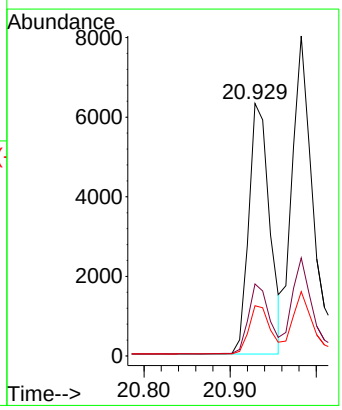


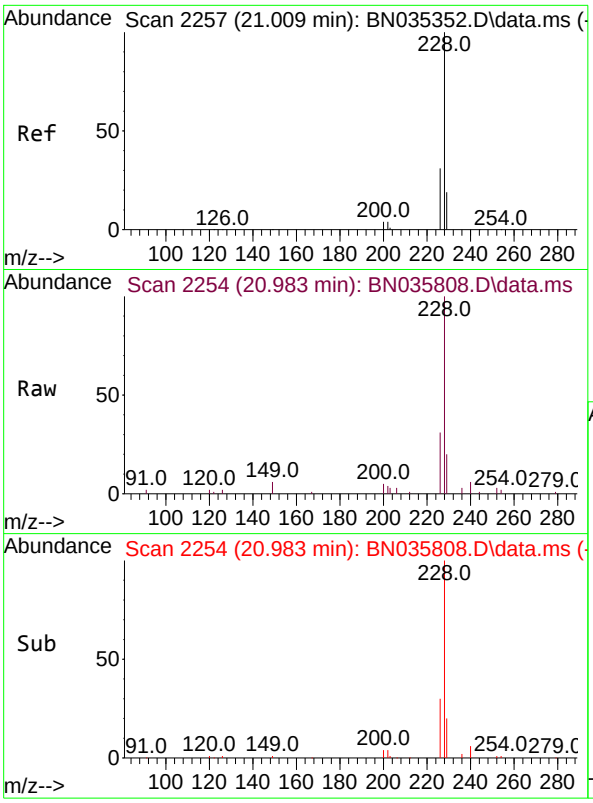


#32
Benzo(a)anthracene
Concen: 0.321 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:228 Resp: 10627

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	19.9	15.8	23.8



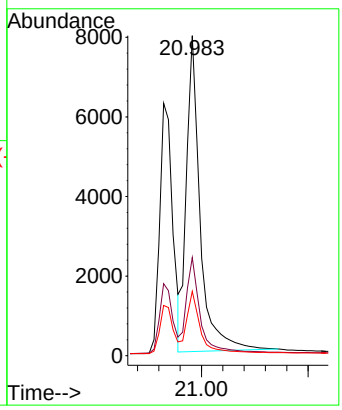


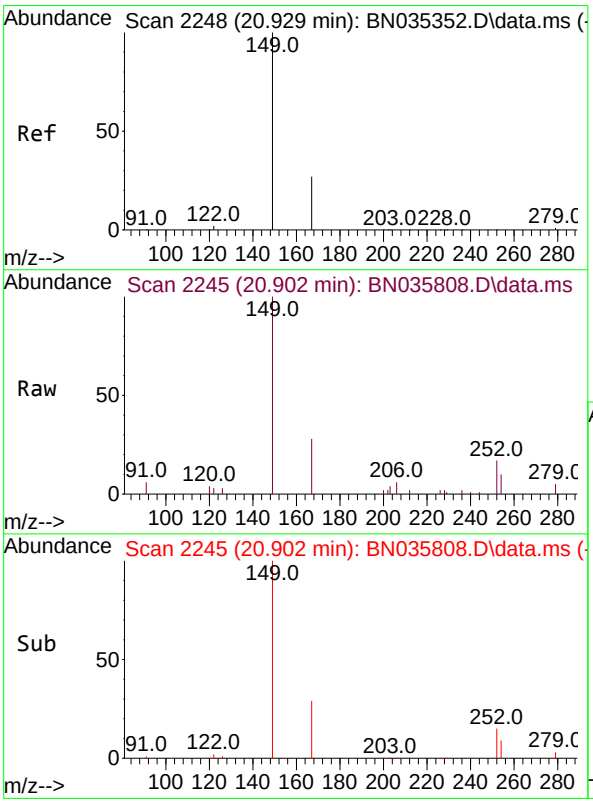
#33
Chrysene
Concen: 0.415 ng
RT: 20.983 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:228 Resp: 14185

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	20.1	15.9	23.9

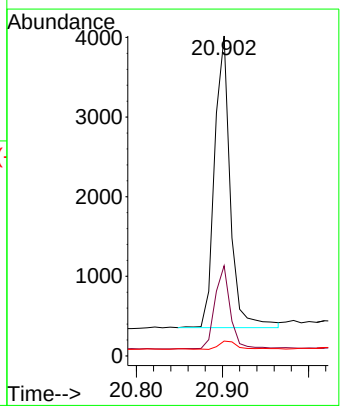


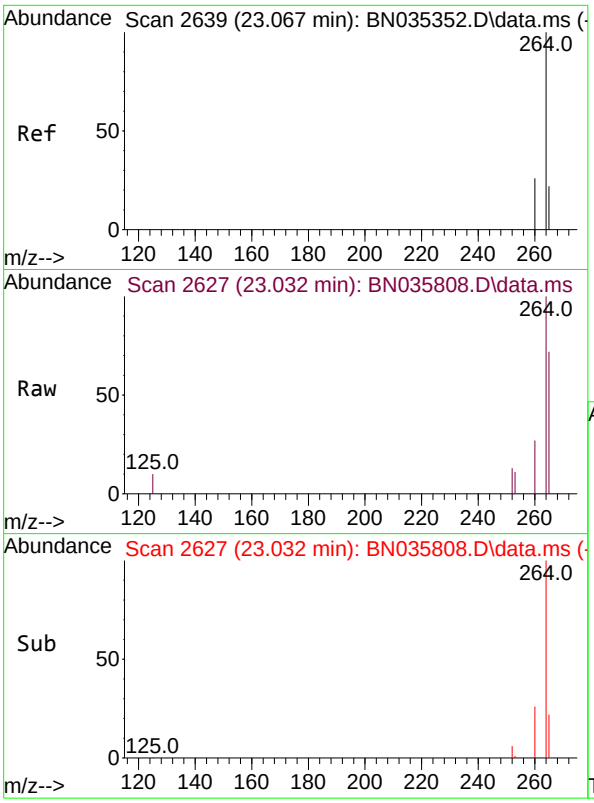


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:149 Resp: 4640

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.2	2.7	4.1



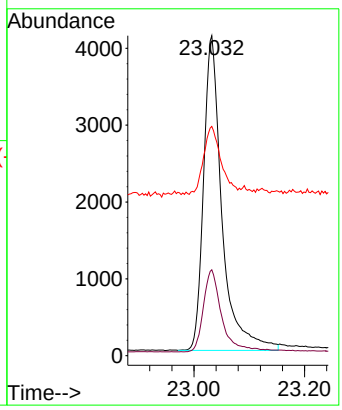


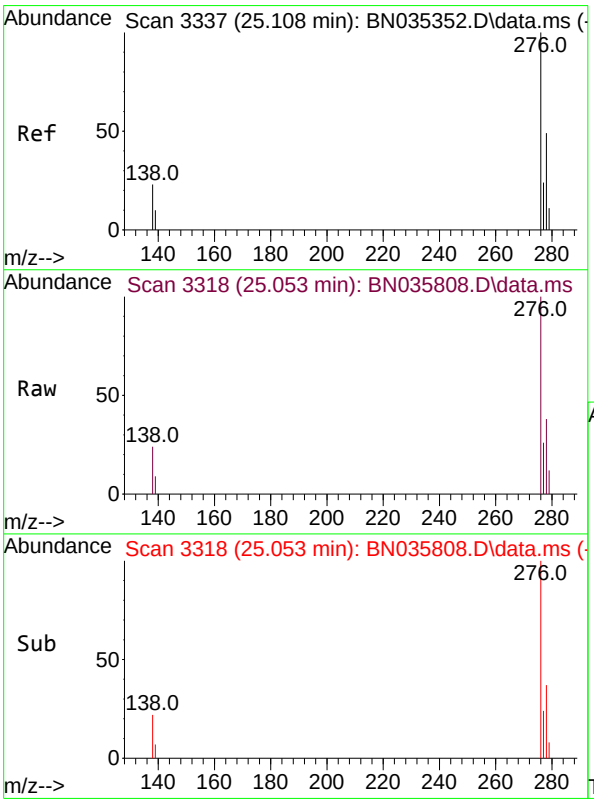
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:264 Resp: 9435

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	71.7	40.2	60.4#

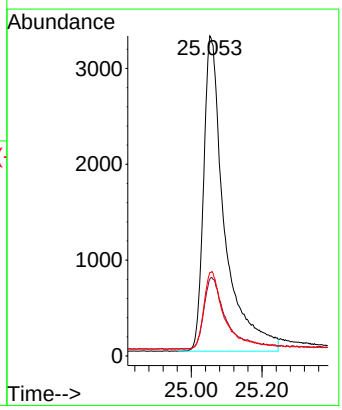


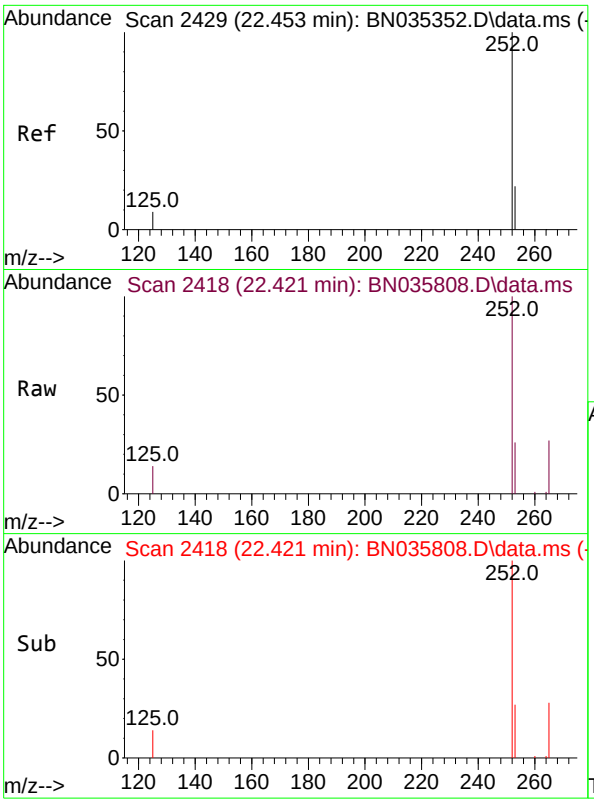


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 25.053 min Scan# 3318
Delta R.T. -0.015 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:276 Resp: 13497

Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.4	29.0
277	24.4	19.8	29.6



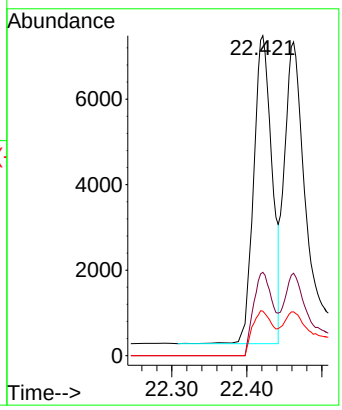


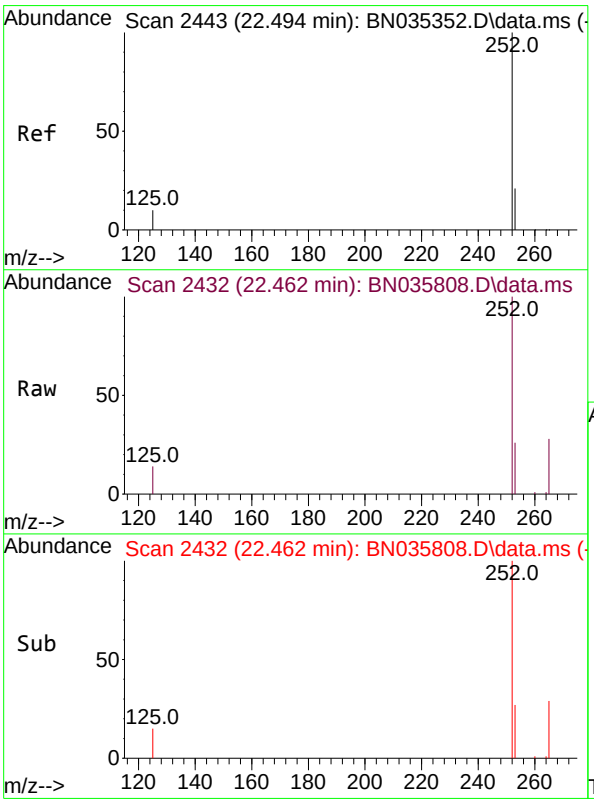
#37
Benzo(b)fluoranthene
Concen: 0.657 ng
RT: 22.421 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:252 Resp: 22672

Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.6	29.4
125	13.9	9.6	14.4

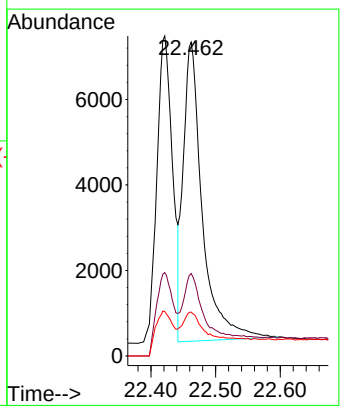


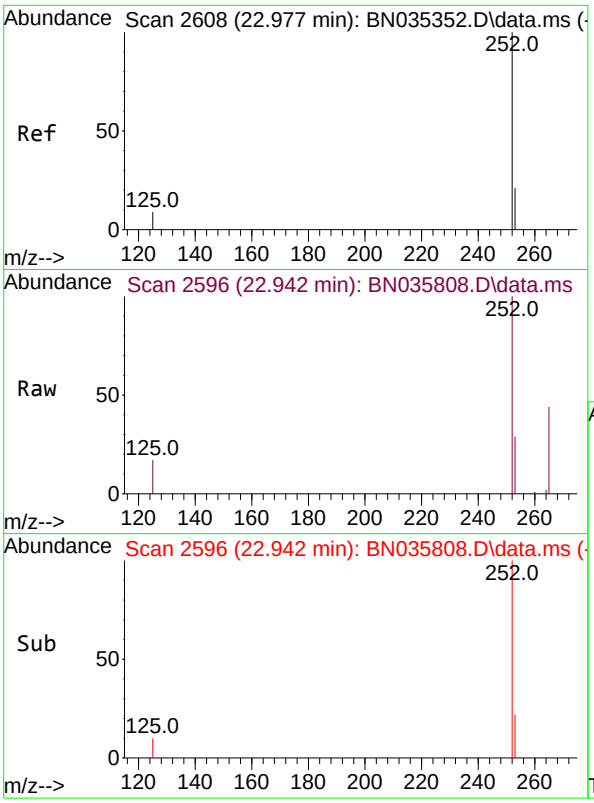


#38
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.462 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:252 Resp: 14330

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.5	29.3
125	14.0	10.2	15.4



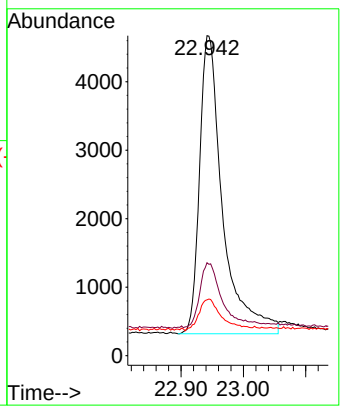


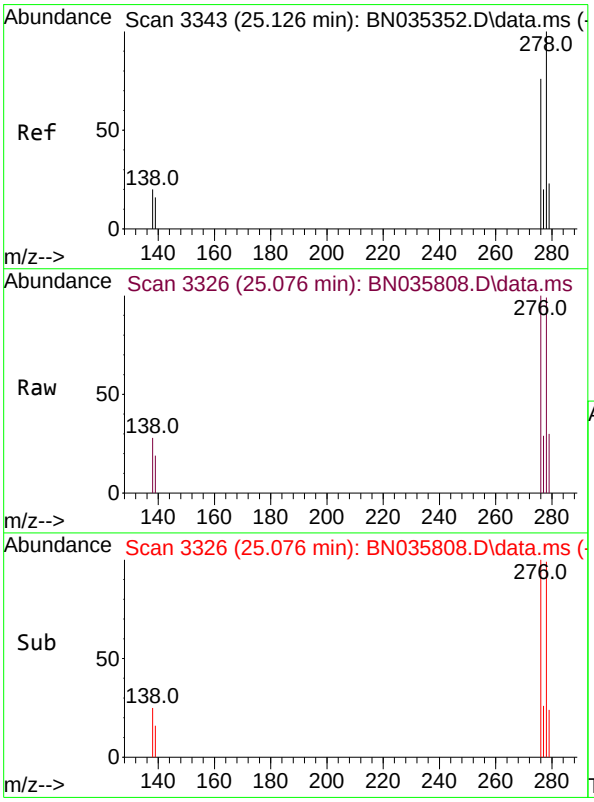
#39
Benzo(a)pyrene
Concen: 0.395 ng
RT: 22.942 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:252 Resp: 11221

Ion	Ratio	Lower	Upper
252	100		
253	29.1	20.2	30.4
125	17.5	10.9	16.3#

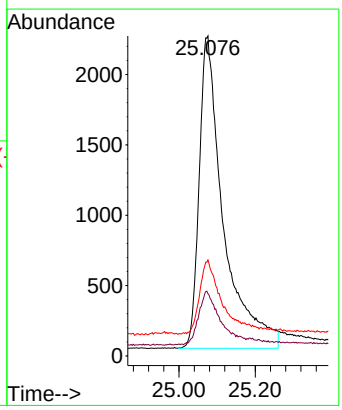


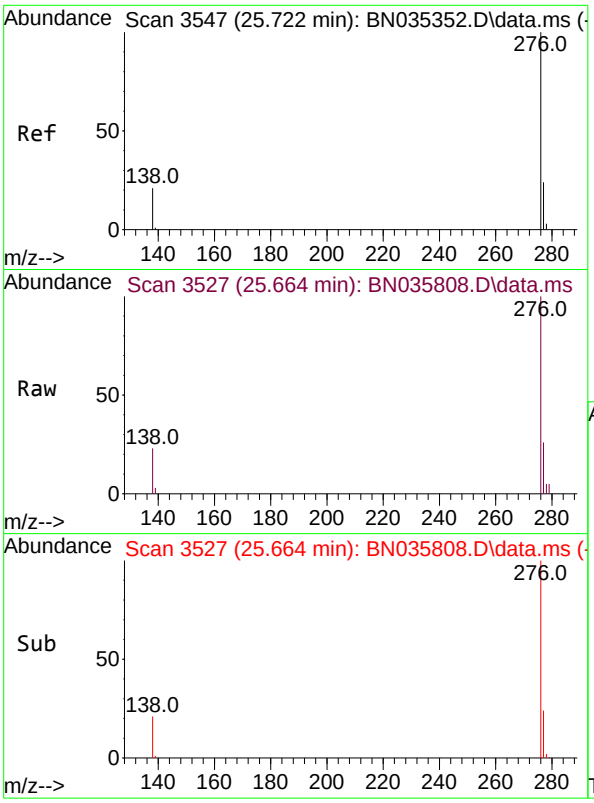


#40
Dibenzo(a,h)anthracene
Concen: 0.336 ng
RT: 25.076 min Scan# 3326
Delta R.T. -0.006 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Tgt Ion:278 Resp: 9782

Ion	Ratio	Lower	Upper
278	100		
139	19.5	14.2	21.4
279	30.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 25.664 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN035808.D
Acq: 24 Dec 2024 06:34

Instrument :
BNA_N
ClientSampleId :
PB165667BS

Tgt Ion:276 Resp: 11572

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.9	29.9
138	22.9	17.8	26.8