Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035851.D
Acq On : 26 Dec 2024 13:43
Operator : RC/JU
Sample : PB165723BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Quant Time: Dec 27 00:41:05 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	7.257	152	4815	0.400	ng		-0.01
7) Naphthalene-d8	9.999	136	12194	0.400	ng		#-0.02
13) Acenaphthene-d10	13.914	164	6998	0.400	ng		-0.02
19) Phenanthrene-d10	16.686	188	13642	0.400	ng		#-0.01
29) Chrysene-d12	20.938	240	9729	0.400	ng		#-0.02
35) Perylene-d12	23.024	264	10279	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	4753	0.394	ng		-0.01
5) Phenol-d6	6.470	99	5387	0.372	ng		-0.02
8) Nitrobenzene-d5	8.386	82	4347	0.584	ng		-0.02
11) 2-Methylnaphthalene-d10	11.600	152	10163	0.533	ng		-0.02
14) 2,4,6-Tribromophenol	15.443	330	1092	0.220	ng		-0.01
15) 2-Fluorobiphenyl	12.523	172	12233	0.462	ng		-0.02
27) Fluoranthene-d10	18.748	212	15328	0.396	ng		-0.01
31) Terphenyl-d14	19.379	244	10902	0.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	1765	0.383	ng	#	87
3) n-Nitrosodimethylamine	3.263	42	1792	0.467	ng	#	83
6) bis(2-Chloroethyl)ether	6.708	93	5144	0.422	ng		99
9) Naphthalene	10.052	128	13946	0.434	ng		99
10) Hexachlorobutadiene	10.340	225	3188	0.430	ng	#	99
12) 2-Methylnaphthalene	11.677	142	8887	0.386	ng		99
16) Acenaphthylene	13.625	152	12780	0.435	ng		99
17) Acenaphthene	13.978	154	8329	0.427	ng		99
18) Fluorene	14.983	166	10609	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.101	198	838	0.625	ng	#	87
21) 4-Bromophenyl-phenylether	15.892	248	3440	0.431	ng	#	82
22) Hexachlorobenzene	15.991	284	4808	0.513	ng		94
23) Atrazine	16.189	200	2639	0.465	ng		98
24) Pentachlorophenol	16.363	266	2318	0.569	ng		86
25) Phenanthrene	16.736	178	16253	0.434	ng		100
26) Anthracene	16.823	178	14488	0.427	ng		99
28) Fluoranthene	18.775	202	17781	0.352	ng		98
30) Pyrene	19.147	202	18166	0.506	ng		99
32) Benzo(a)anthracene	20.929	228	14142	0.416	ng		99
33) Chrysene	20.974	228	16427	0.468	ng		99
34) Bis(2-ethylhexyl)phtha...	20.893	149	6713	0.499	ng		100
36) Indeno(1,2,3-cd)pyrene	25.044	276	19633	0.489	ng		99
37) Benzo(b)fluoranthene	22.416	252	20699	0.550	ng		96
38) Benzo(k)fluoranthene	22.456	252	18428	0.498	ng		96
39) Benzo(a)pyrene	22.936	252	14761	0.477	ng	#	93
40) Dibenzo(a,h)anthracene	25.061	278	14898	0.470	ng		96
41) Benzo(g,h,i)perylene	25.652	276	15951	0.481	ng		99

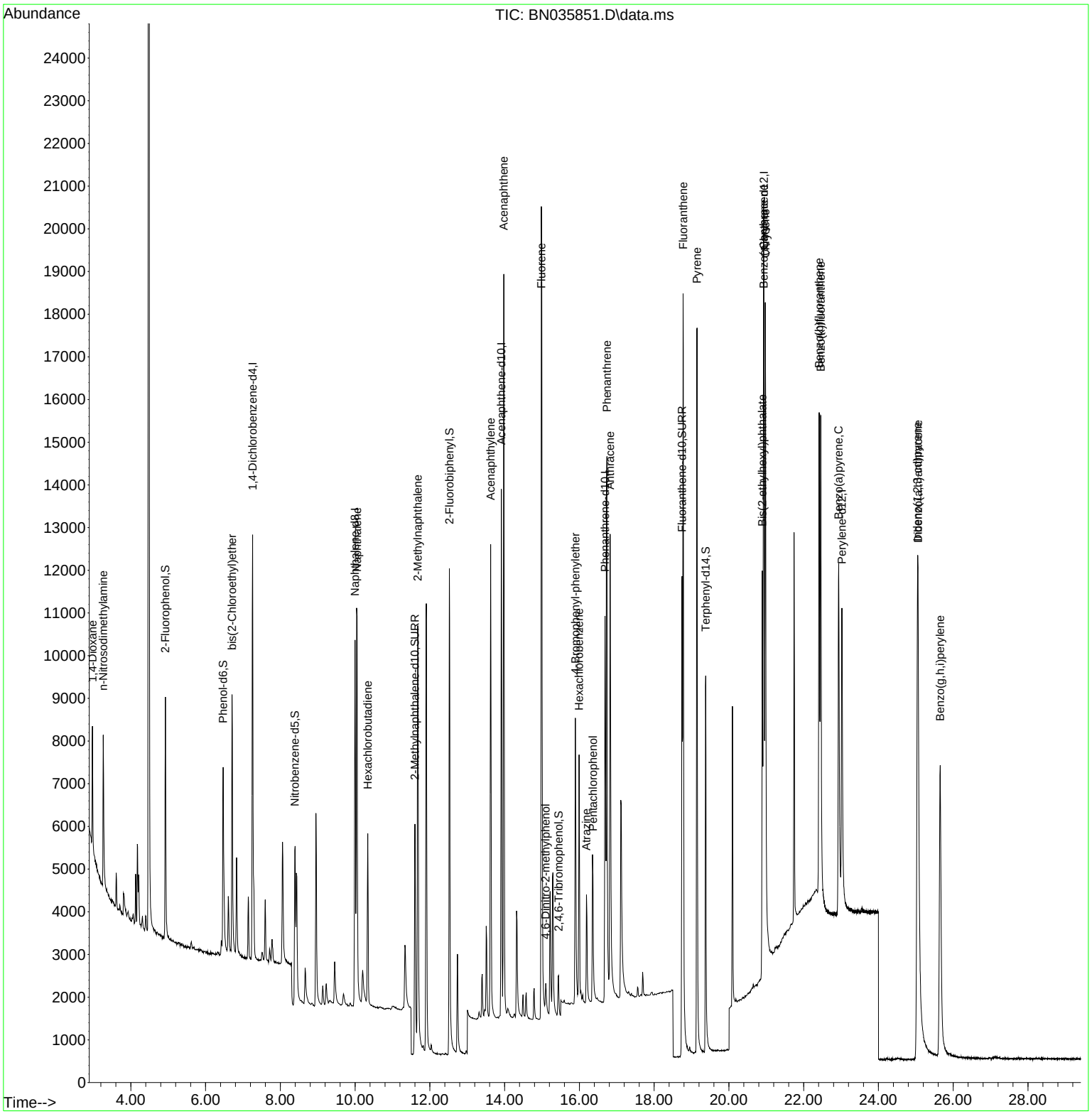
(#) = qualifier out of range (m) = manual integration (+) = signals summed

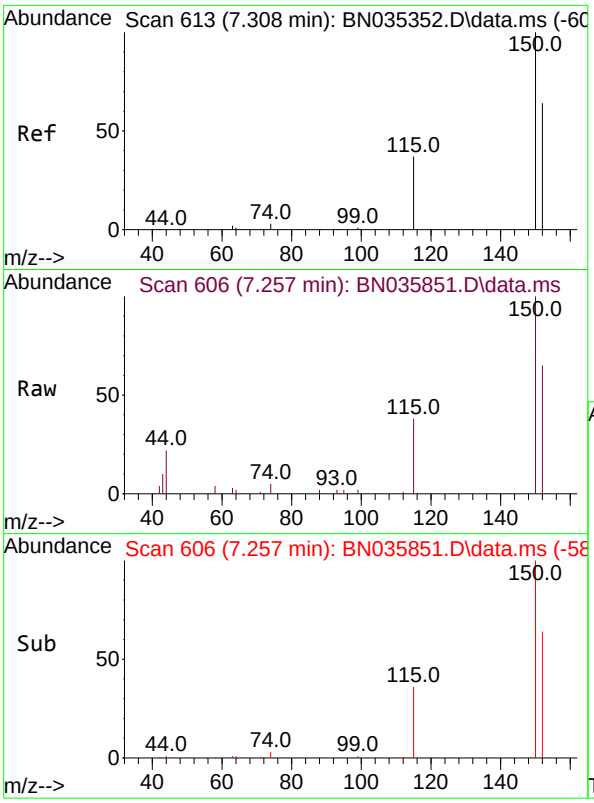
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035851.D
Acq On : 26 Dec 2024 13:43
Operator : RC/JU
Sample : PB165723BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Quant Time: Dec 27 00:41:05 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



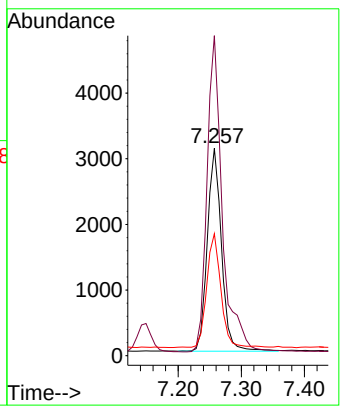


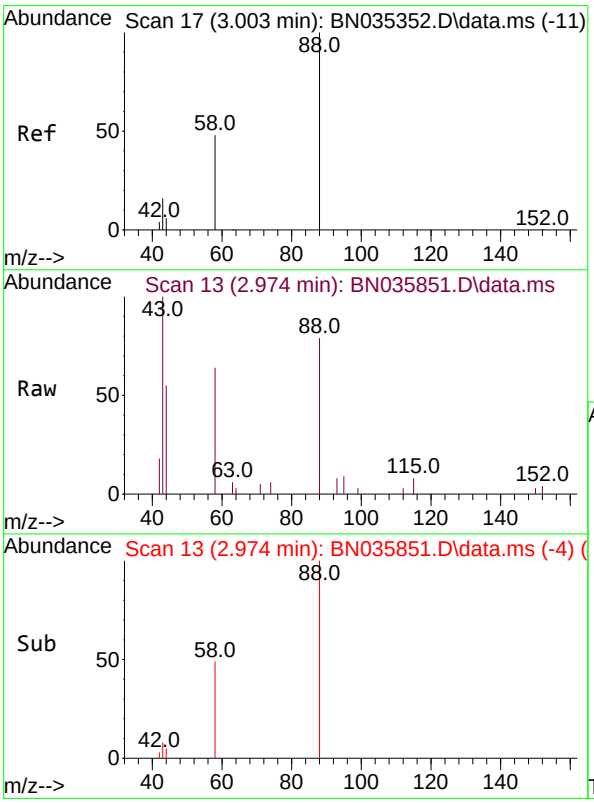
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 6(
Delta R.T. -0.015 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:152 Resp: 4815

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.0	186.0
115	58.8	49.6	74.4

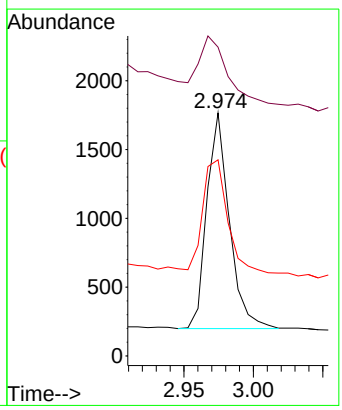


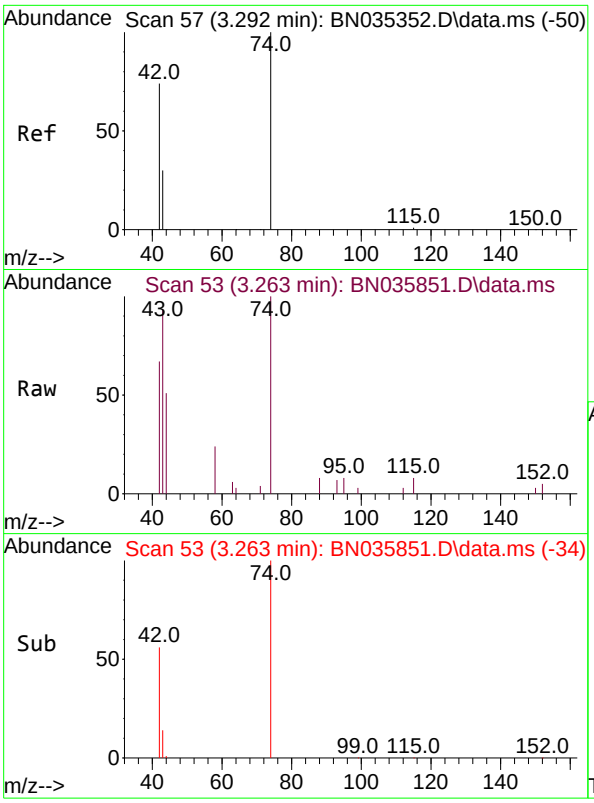


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.008 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion: 88 Resp: 1765

Ion	Ratio	Lower	Upper
88	100		
43	39.7	17.2	25.8#
58	58.4	44.5	66.7



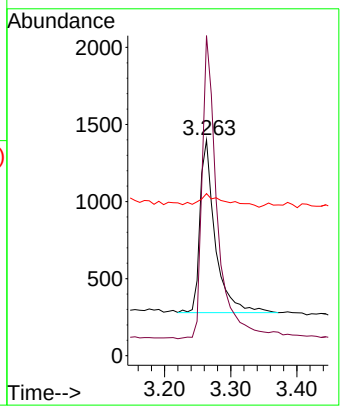


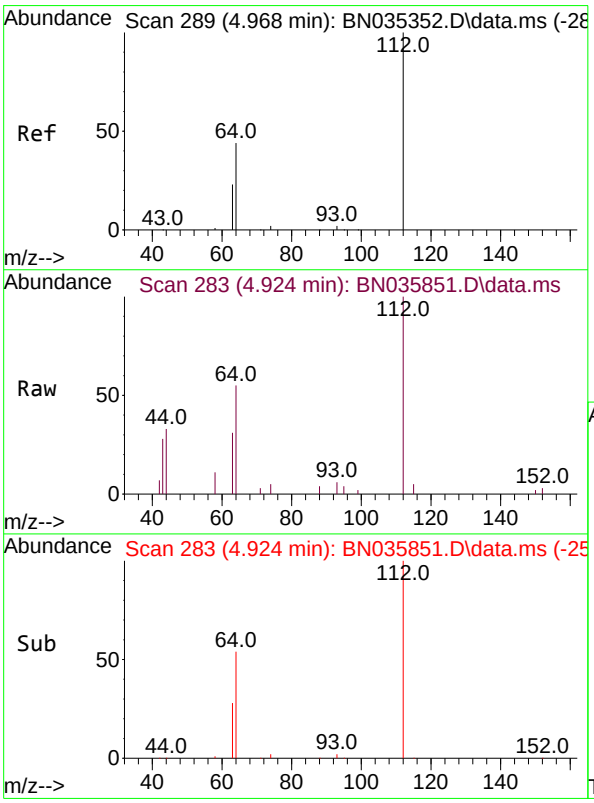
#3
n-Nitrosodimethylamine
Concen: 0.467 ng
RT: 3.263 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion: 42 Resp: 1792

Ion	Ratio	Lower	Upper
42	100		
74	177.7	124.9	187.3
44	14.0	2.2	3.4#

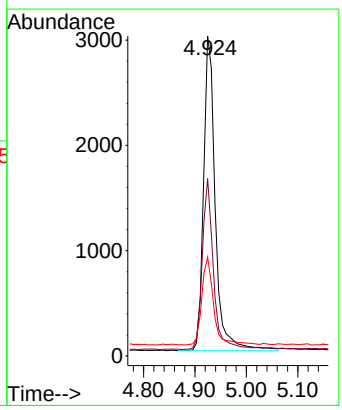


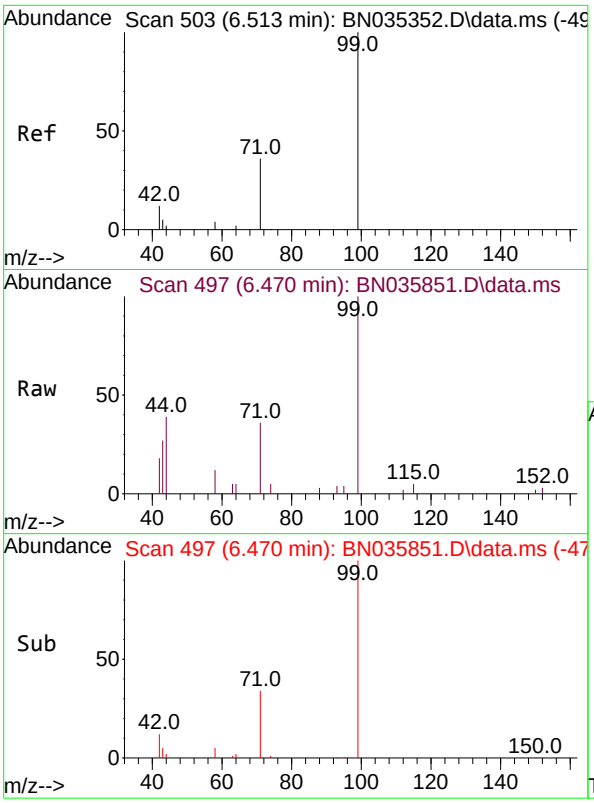


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.014 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:112 Resp: 4753

Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.8	59.8
63	28.3	21.0	31.6



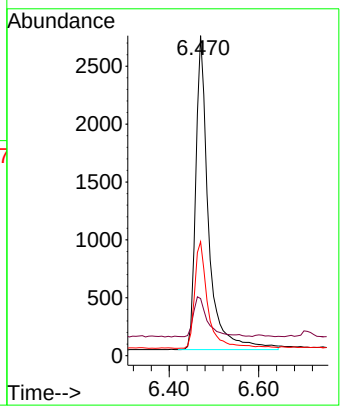


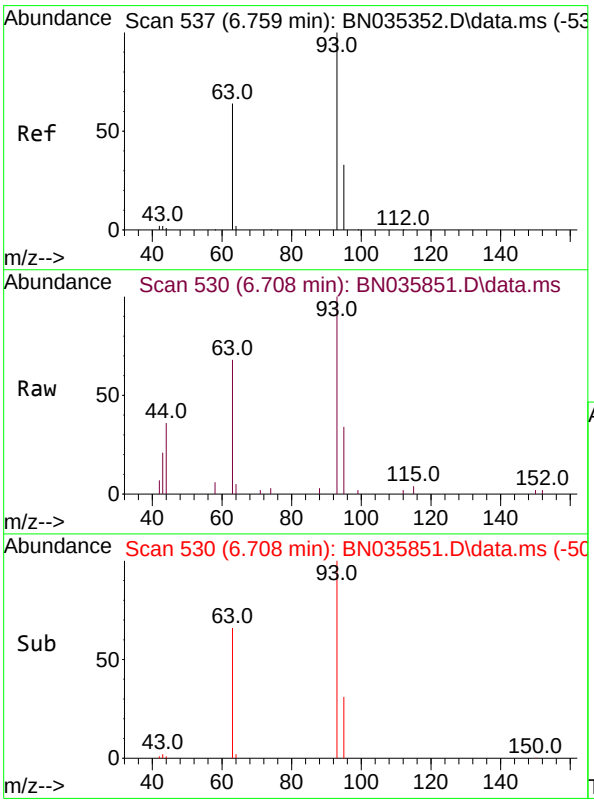
#5
Phenol-d6
Concen: 0.372 ng
RT: 6.470 min Scan# 4
Delta R.T. -0.022 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion: 99 Resp: 5387

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.4	17.2
71	35.6	29.3	43.9

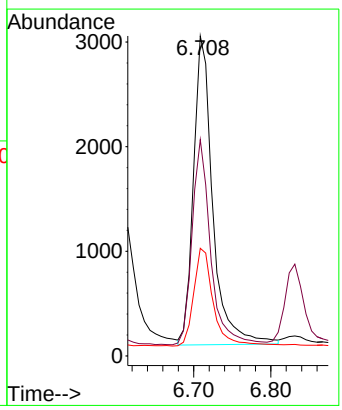


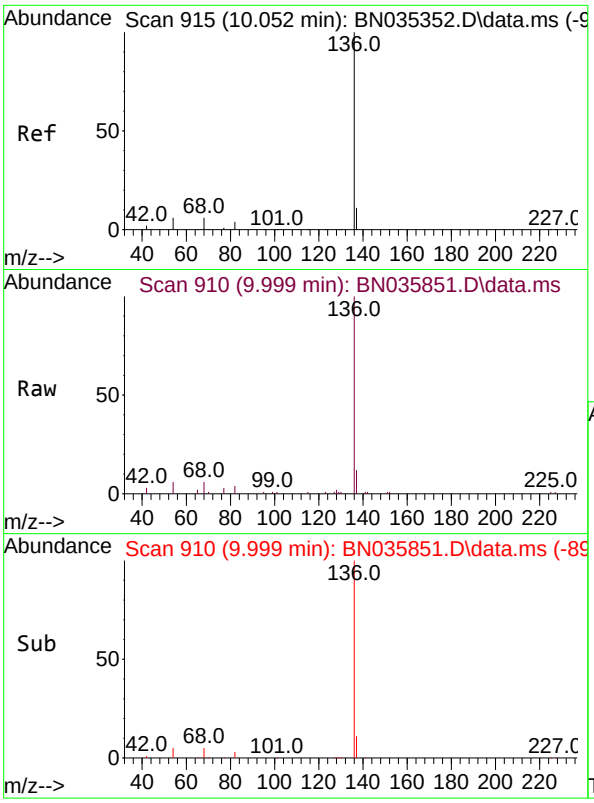


#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 6.708 min Scan# 530
Delta R.T. -0.022 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion: 93 Resp: 5144

Ion	Ratio	Lower	Upper
93	100		
63	63.4	50.4	75.6
95	32.7	25.7	38.5



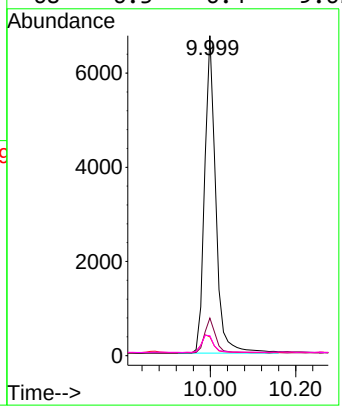


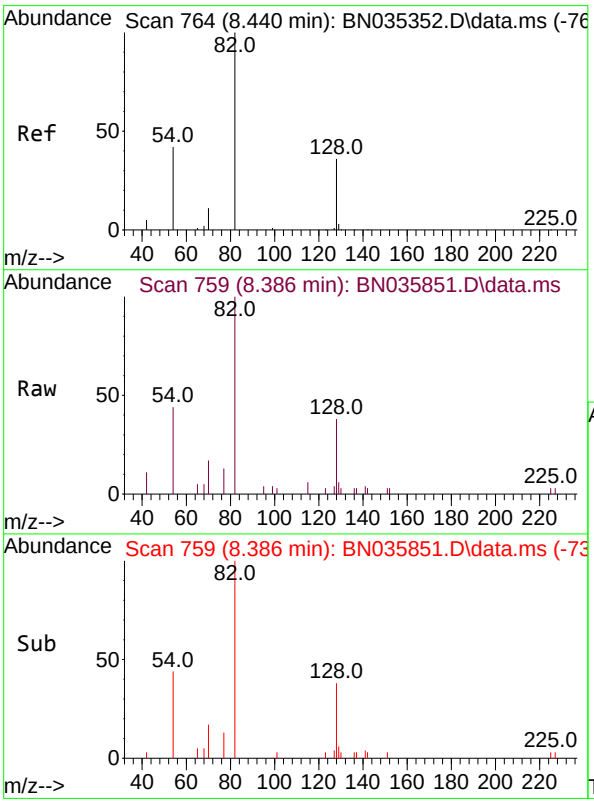
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:136 Resp: 12194

Ion	Ratio	Lower	Upper
136	100		
137	11.8	10.2	15.2
54	5.9	6.1	9.1#
68	6.3	6.4	9.6#

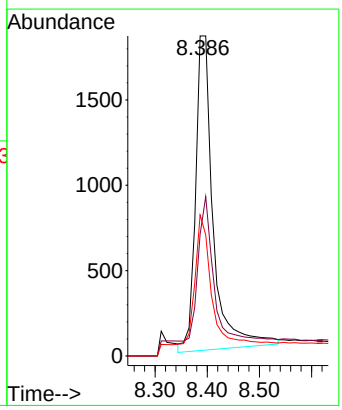


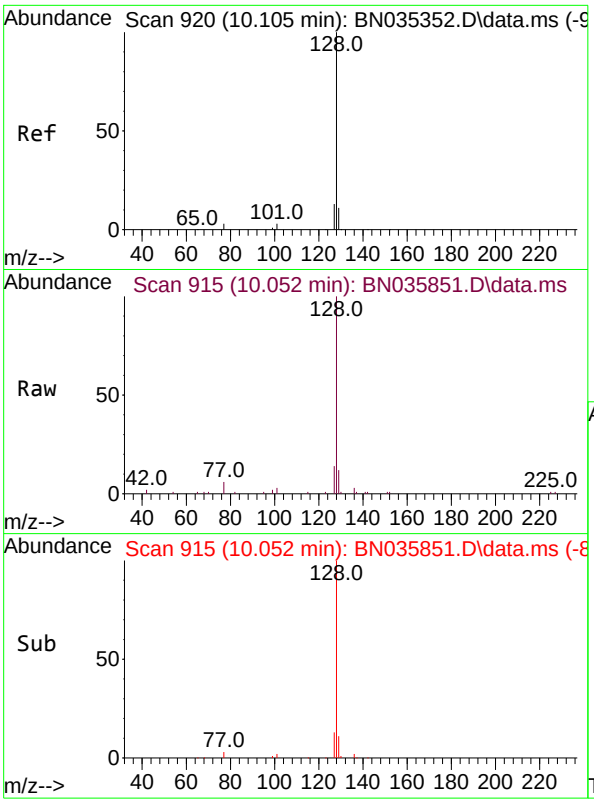


#8
Nitrobenzene-d5
Concen: 0.584 ng
RT: 8.386 min Scan# 759
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion: 82 Resp: 4347

Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.4	50.0
54	44.1	36.7	55.1



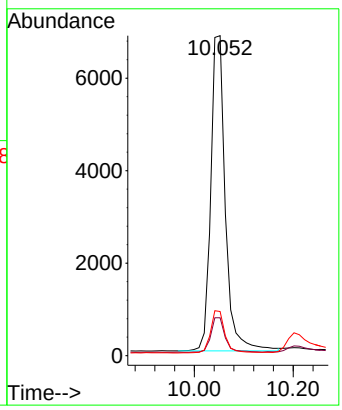


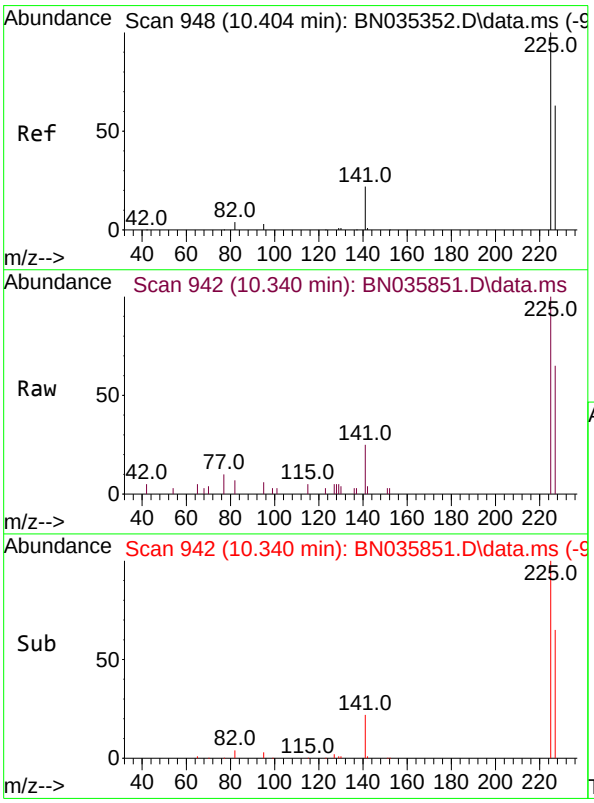
#9
Naphthalene
Concen: 0.434 ng
RT: 10.052 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:128 Resp: 13946

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.8	11.4	17.2

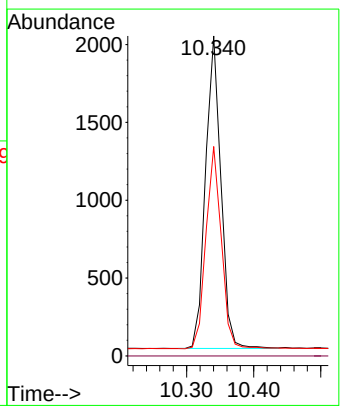


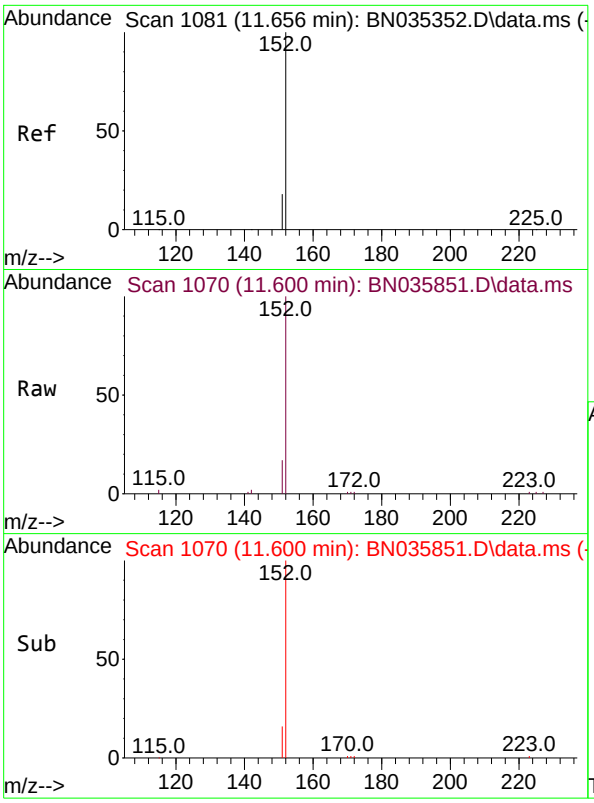


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:225 Resp: 3188

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	51.3	76.9



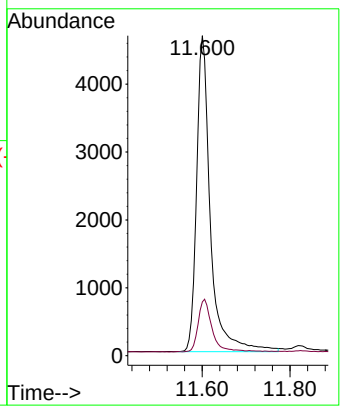


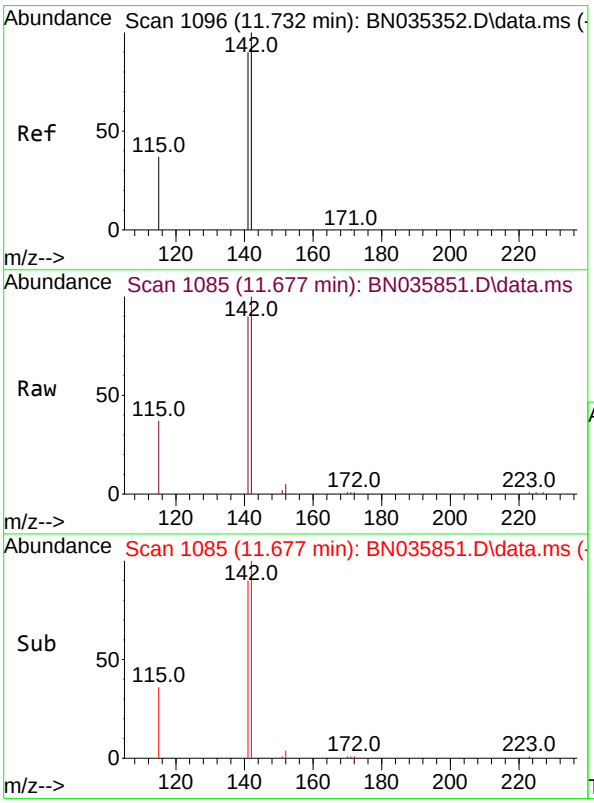
#11
2-Methylnaphthalene-d10
Concen: 0.533 ng
RT: 11.600 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:152 Resp: 10163

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.6	25.0#

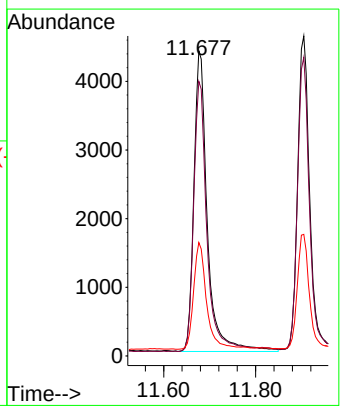


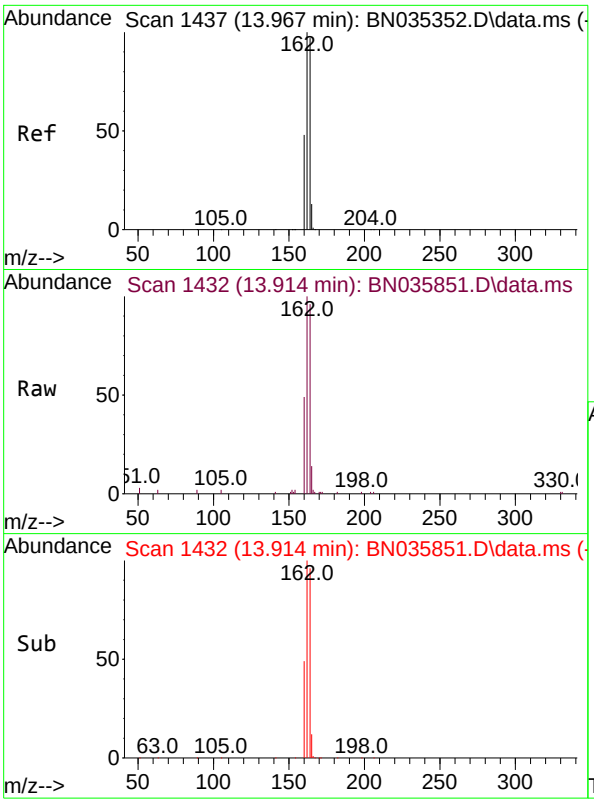


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 11.677 min Scan# 1085
Delta R.T. -0.020 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:142 Resp: 8887

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4
115	37.2	31.4	47.0



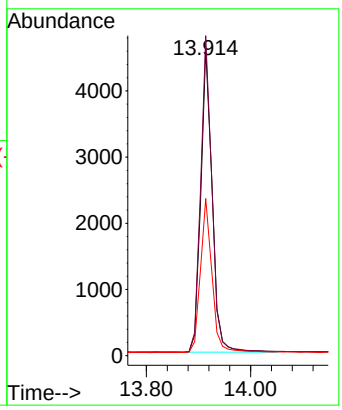


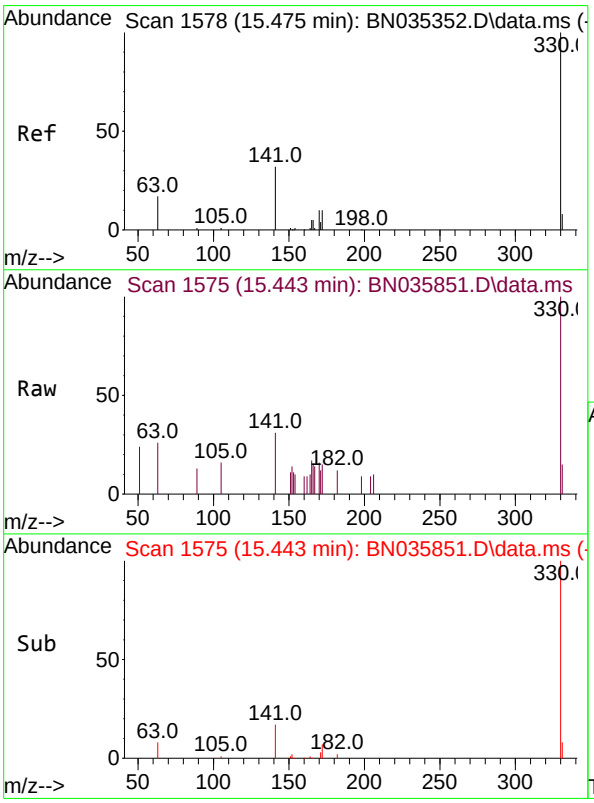
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:164 Resp: 6998

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	51.2	40.1	60.1

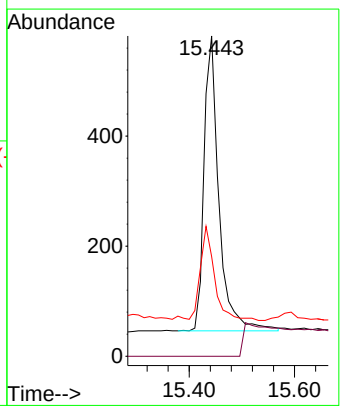


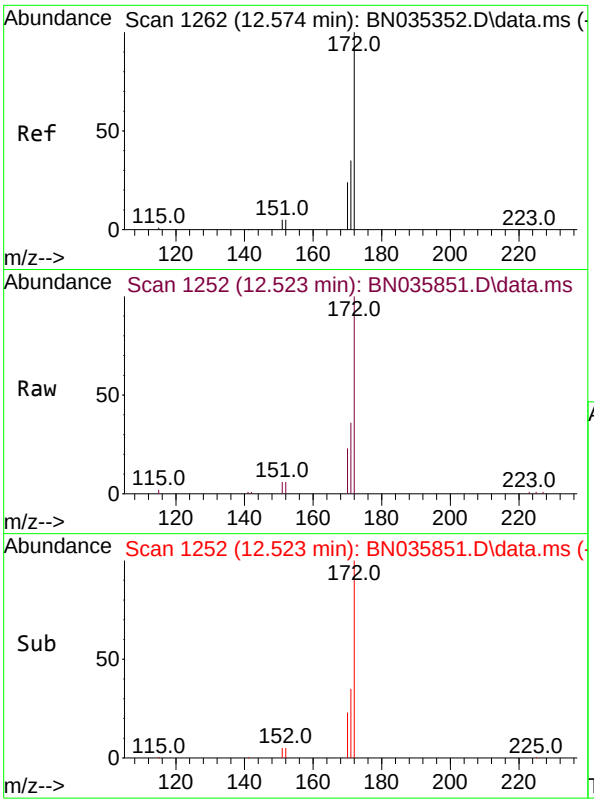


#14
2,4,6-Tribromophenol
Concen: 0.220 ng
RT: 15.443 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:330 Resp: 1092

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.7	26.6	40.0



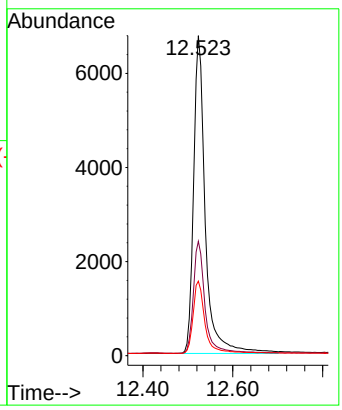


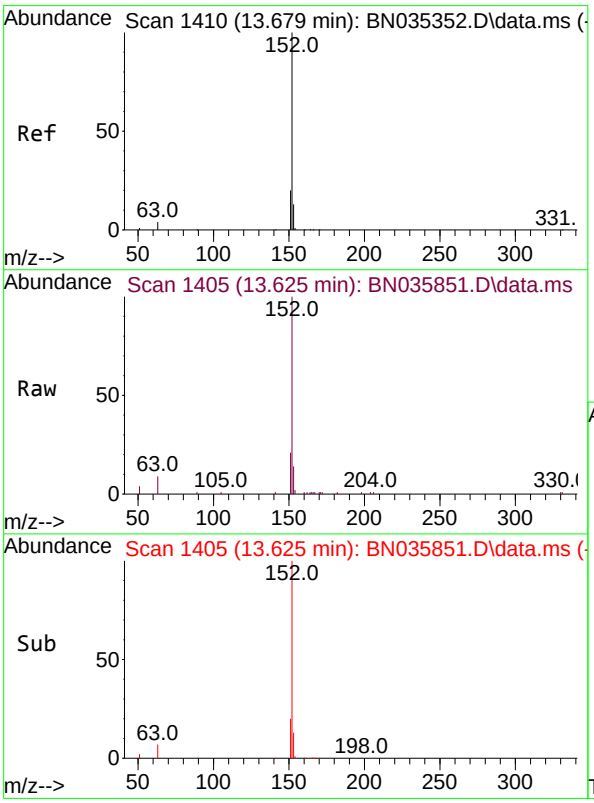
#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 12.523 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:172 Resp: 12233

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.3	19.8	29.8

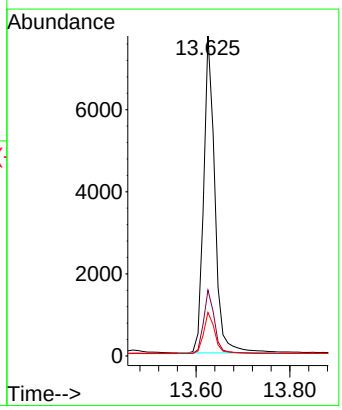


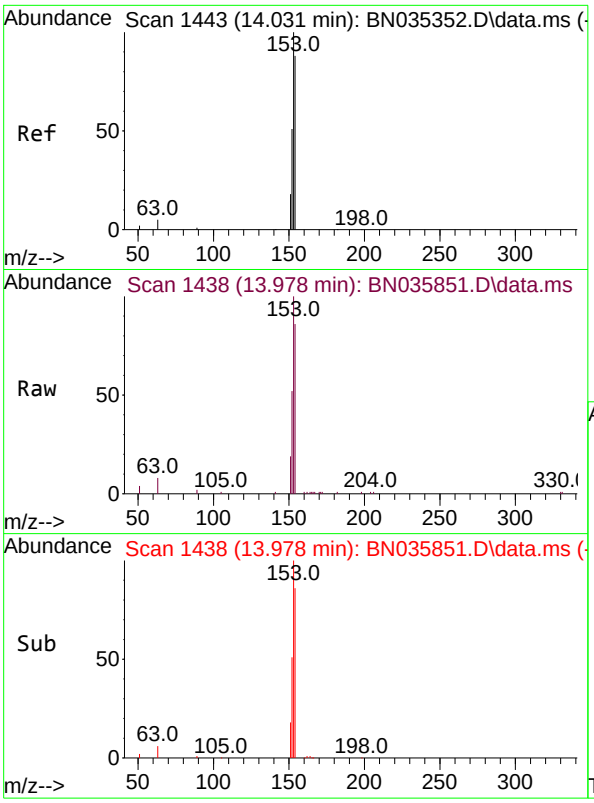


#16
Acenaphthylene
Concen: 0.435 ng
RT: 13.625 min Scan# 1405
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:152 Resp: 12780

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.2	10.4	15.6



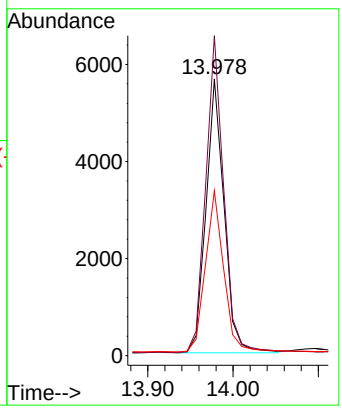


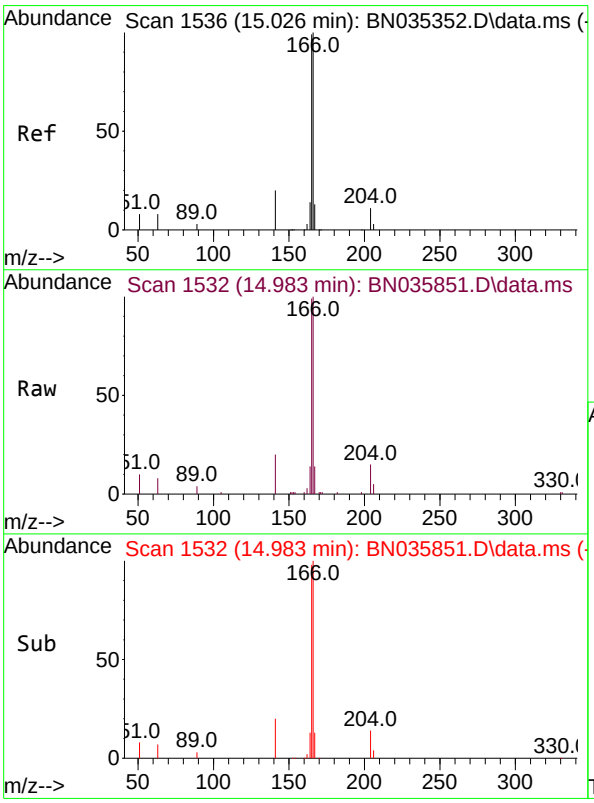
#17
Acenaphthene
Concen: 0.427 ng
RT: 13.978 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:154 Resp: 8329

Ion	Ratio	Lower	Upper
154	100		
153	116.4	92.6	139.0
152	59.7	49.0	73.6

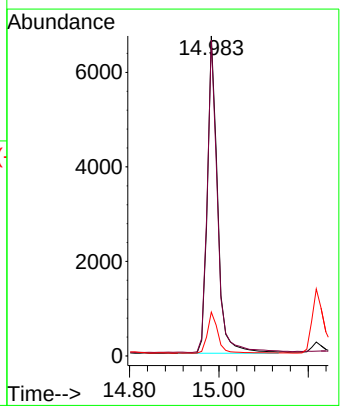


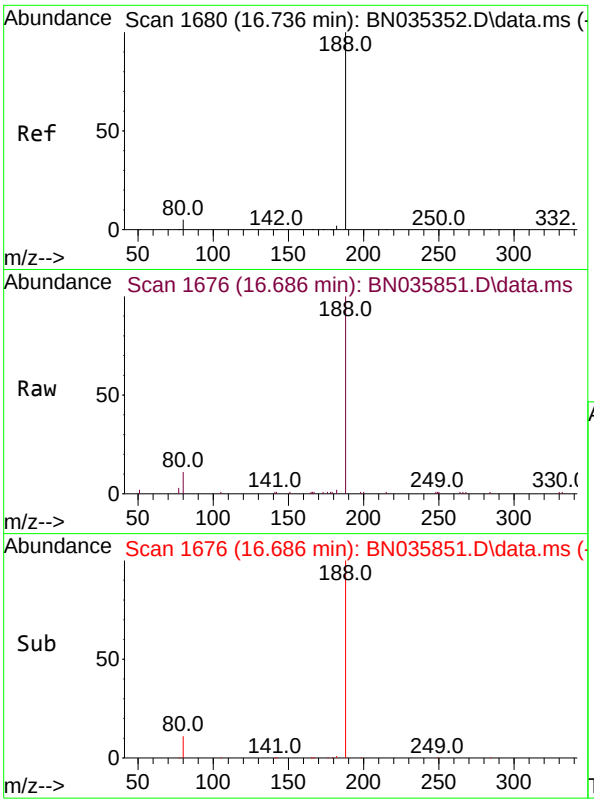


#18
Fluorene
Concen: 0.380 ng
RT: 14.983 min Scan# 1532
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:166 Resp: 10609

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	13.4	10.8	16.2



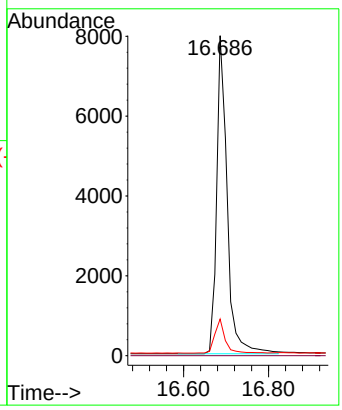


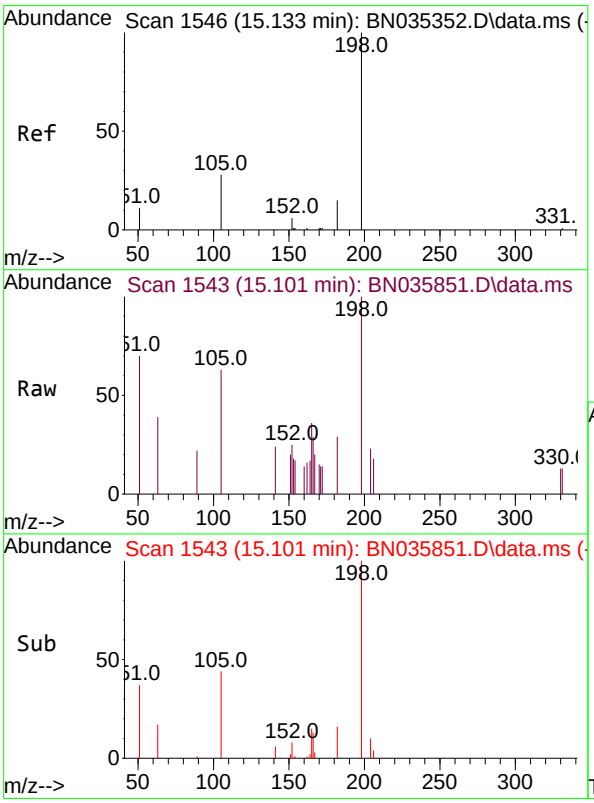
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.686 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:188 Resp: 13642

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	4.6	6.8#

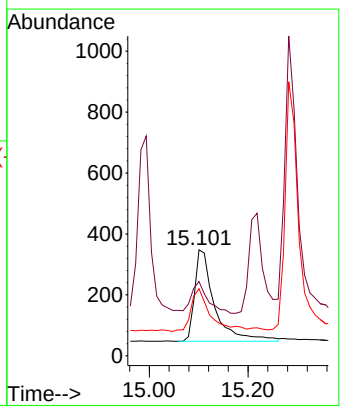


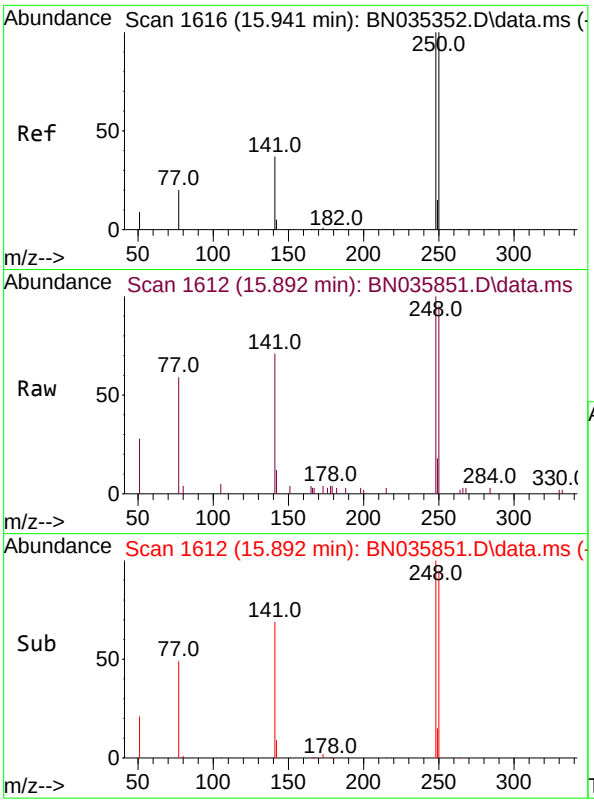


#20
4,6-Dinitro-2-methylphenol
Concen: 0.625 ng
RT: 15.101 min Scan# 1543
Delta R.T. -0.021 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:198 Resp: 838

Ion	Ratio	Lower	Upper
198	100		
51	70.1	46.5	69.7#
105	63.2	45.3	67.9



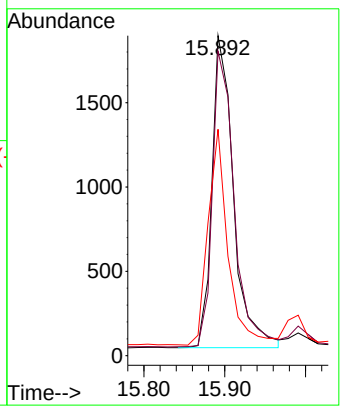


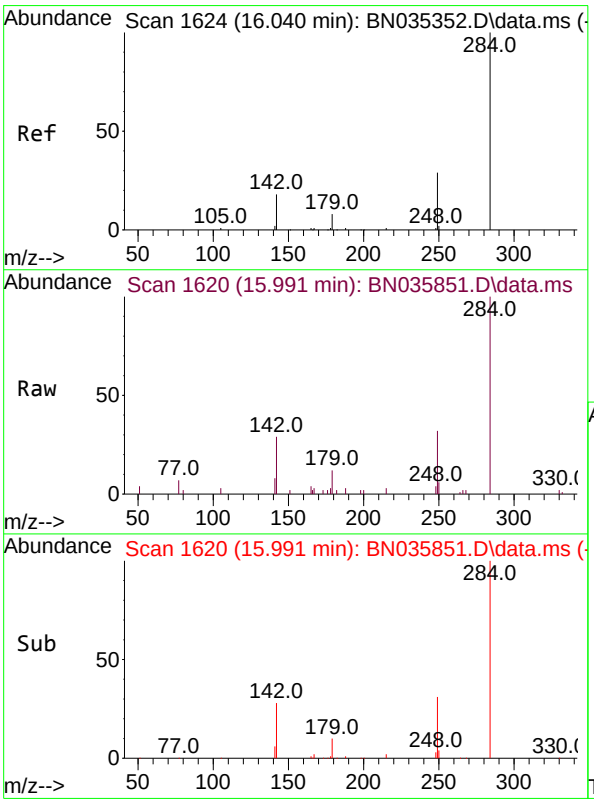
#21
4-Bromophenyl-phenylether
Concen: 0.431 ng
RT: 15.892 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:248 Resp: 3440

Ion	Ratio	Lower	Upper
248	100		
250	95.1	80.6	120.8
141	70.7	31.5	47.3#

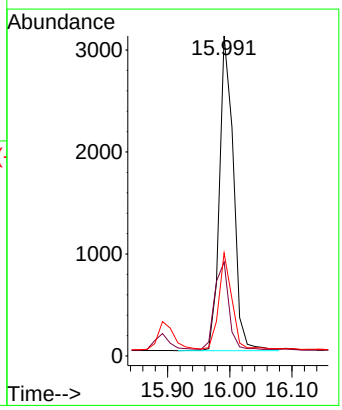


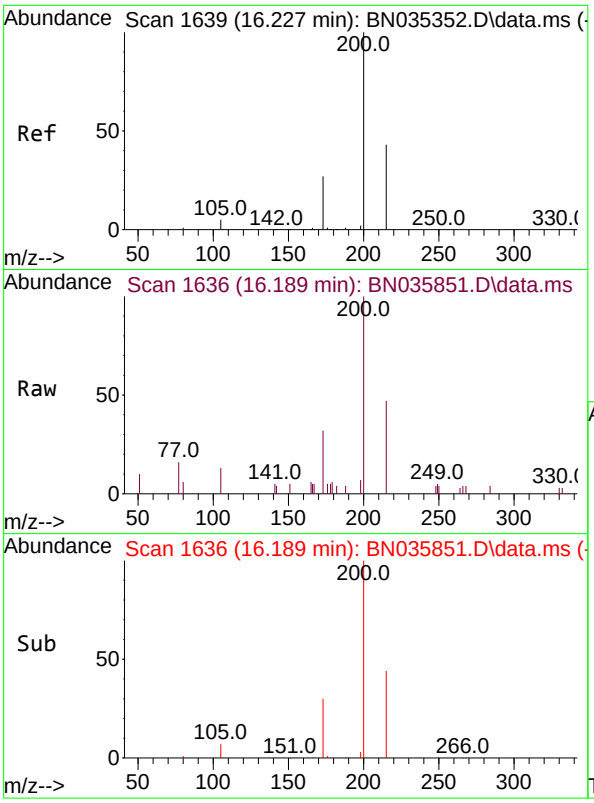


#22
Hexachlorobenzene
Concen: 0.513 ng
RT: 15.991 min Scan# 1620
Delta R.T. -0.025 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:284 Resp: 4808

Ion	Ratio	Lower	Upper
284	100		
142	28.2	26.7	40.1
249	29.5	24.6	36.8



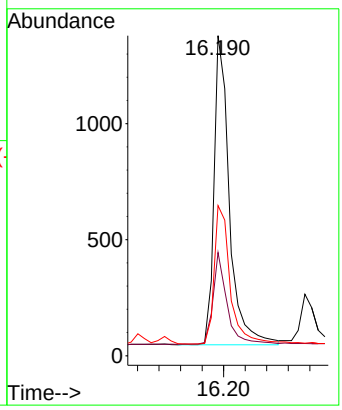


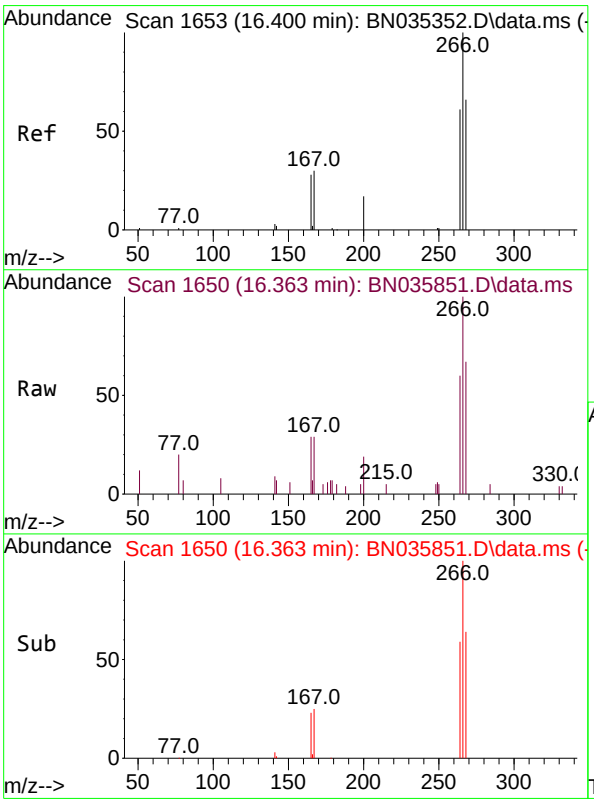
#23
Atrazine
Concen: 0.465 ng
RT: 16.189 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:200 Resp: 2639

Ion	Ratio	Lower	Upper
200	100		
173	32.3	24.1	36.1
215	46.9	36.9	55.3

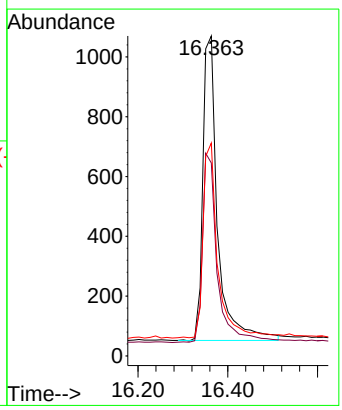


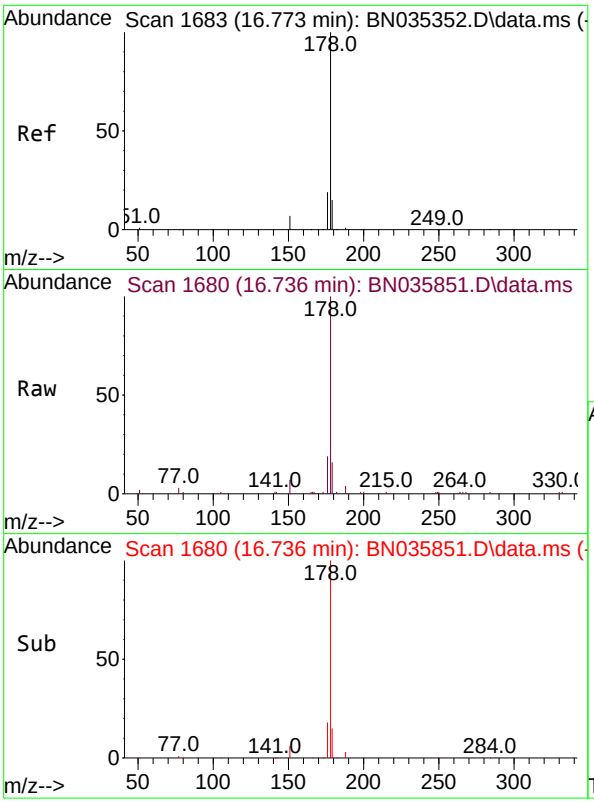


#24
Pentachlorophenol
Concen: 0.569 ng
RT: 16.363 min Scan# 1650
Delta R.T. -0.012 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:266 Resp: 2318

Ion	Ratio	Lower	Upper
266	100		
264	62.6	42.3	63.5
268	63.9	43.3	64.9



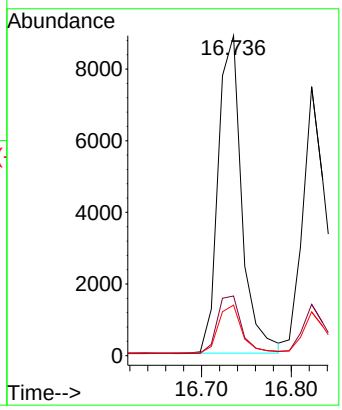


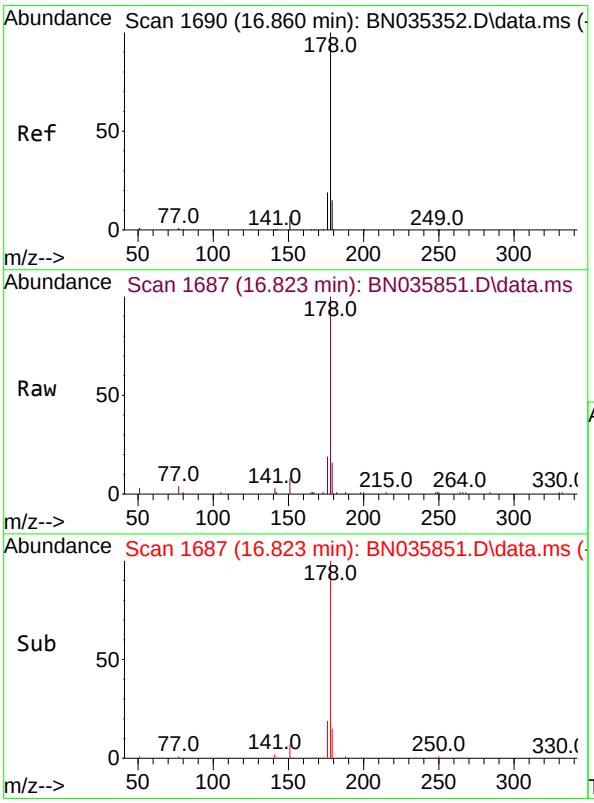
#25
Phenanthrene
Concen: 0.434 ng
RT: 16.736 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:178 Resp: 16253

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.3	18.5

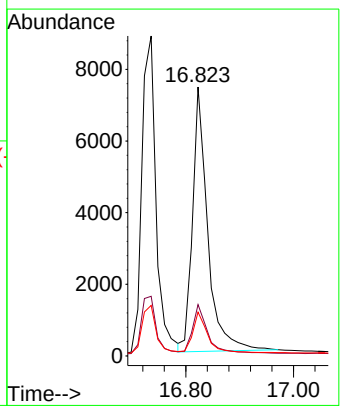


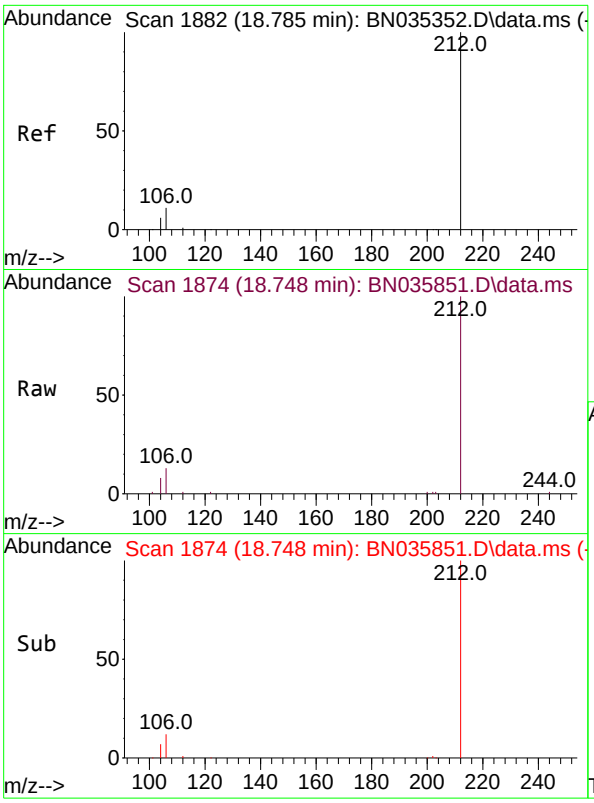


#26
Anthracene
Concen: 0.427 ng
RT: 16.823 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:178 Resp: 14488

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.2	12.6	18.8



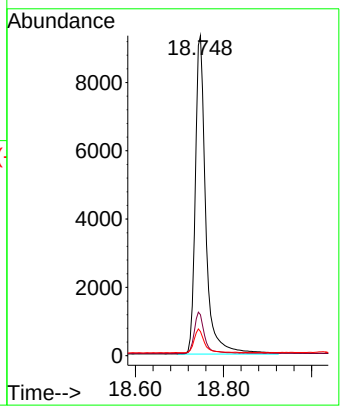


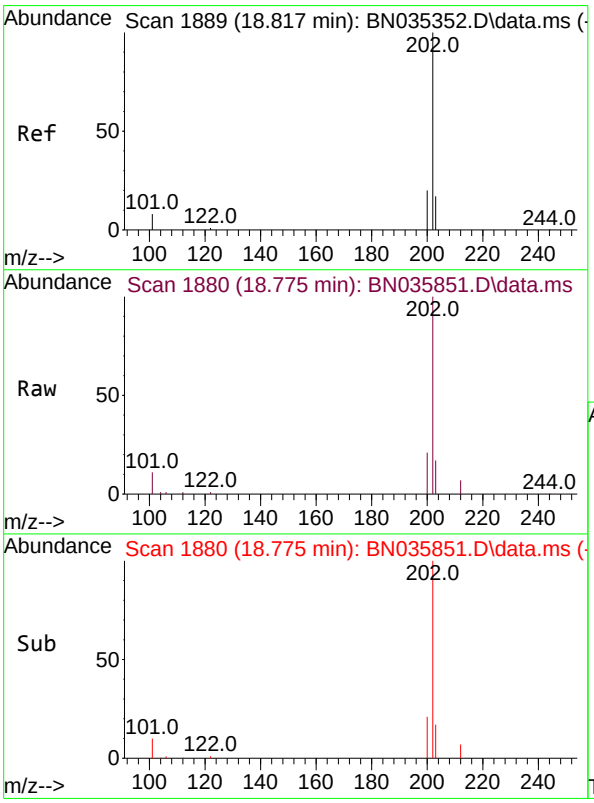
#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.748 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:212 Resp: 15328

Ion	Ratio	Lower	Upper
212	100		
106	12.9	9.2	13.8
104	7.1	5.3	7.9

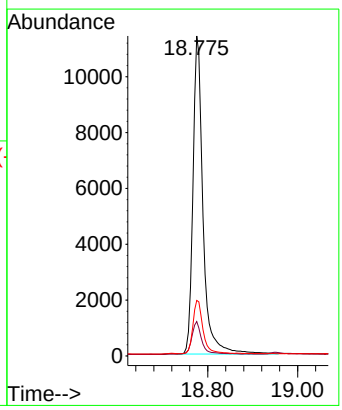


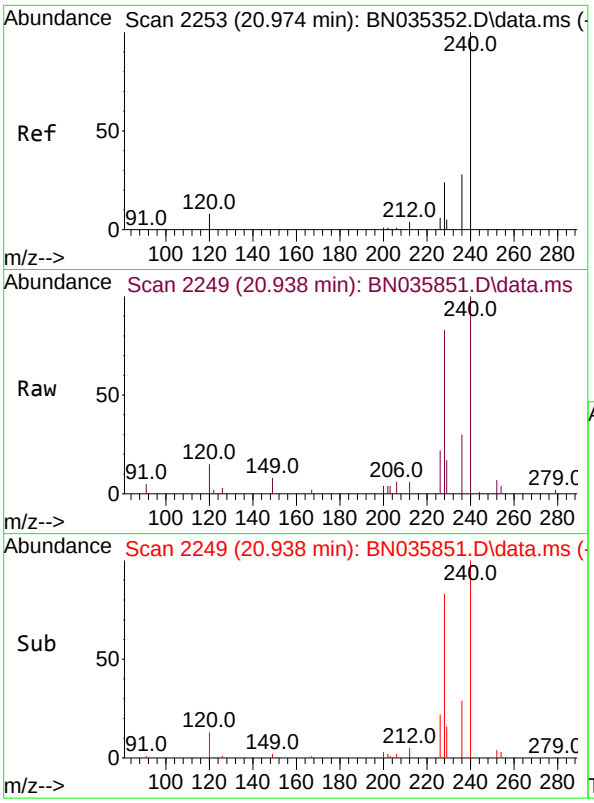


#28
Fluoranthene
Concen: 0.352 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.014 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:202 Resp: 17781

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.4	11.0
203	16.7	13.7	20.5



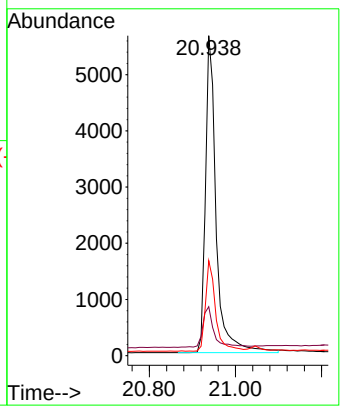


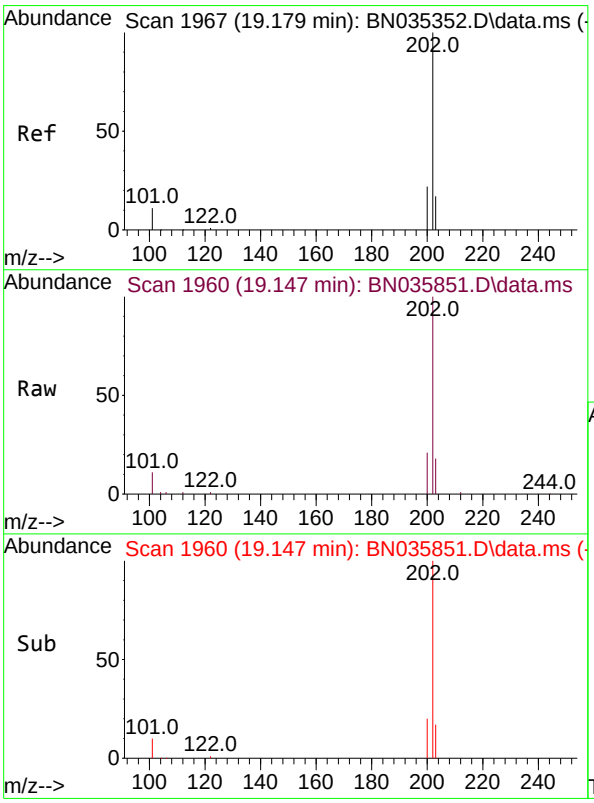
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.938 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:240 Resp: 9729

Ion	Ratio	Lower	Upper
240	100		
120	15.3	7.9	11.9#
236	29.7	22.9	34.3

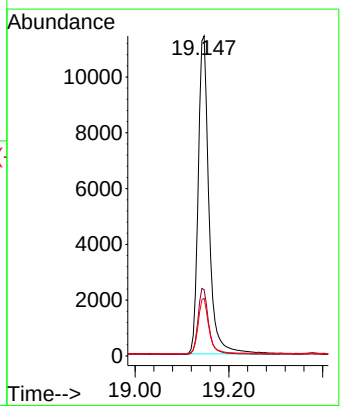


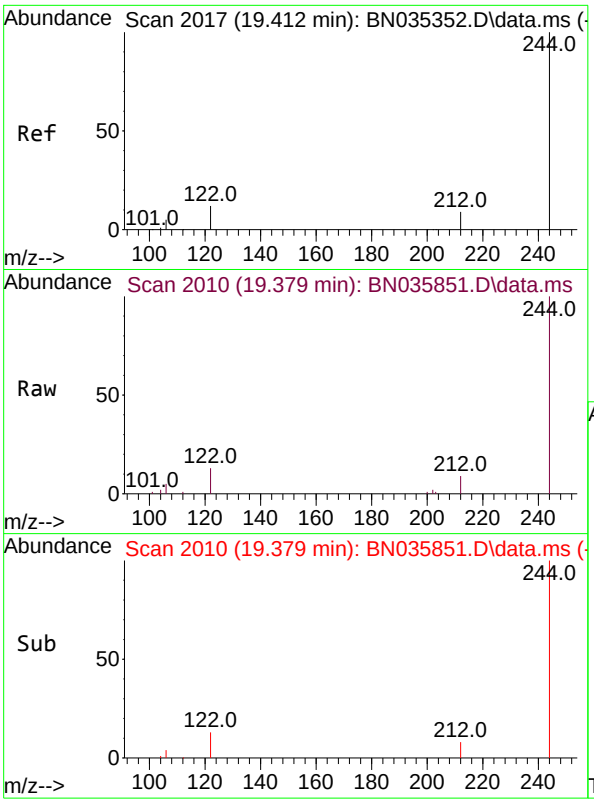


#30
Pyrene
Concen: 0.506 ng
RT: 19.147 min Scan# 1960
Delta R.T. -0.014 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:202 Resp: 18166

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.8	14.3	21.5



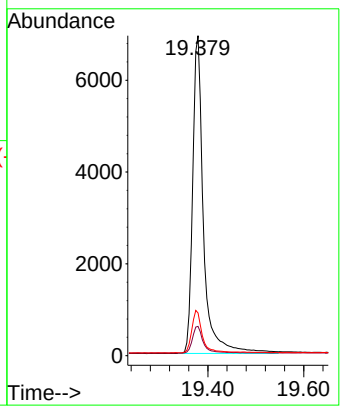


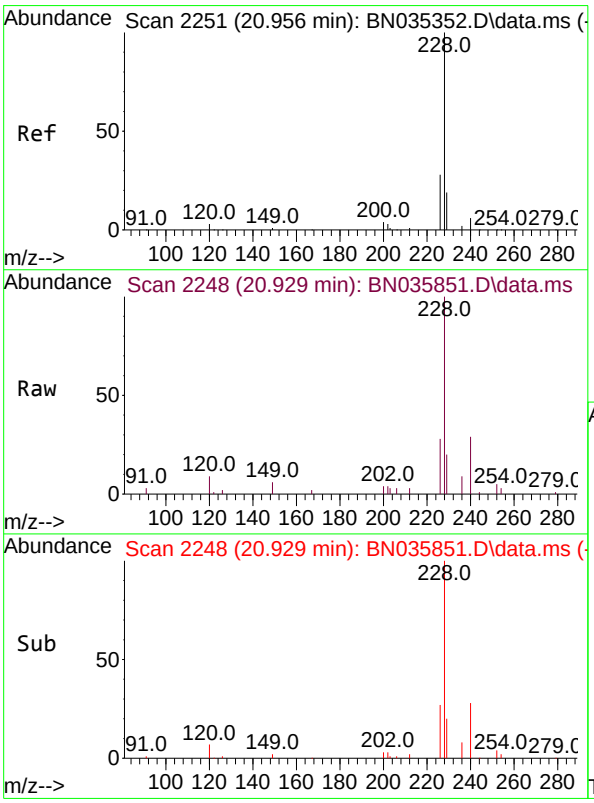
#31
Terphenyl-d14
Concen: 0.568 ng
RT: 19.379 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:244 Resp: 10902

Ion	Ratio	Lower	Upper
244	100		
212	9.2	8.1	12.1
122	13.4	10.3	15.5

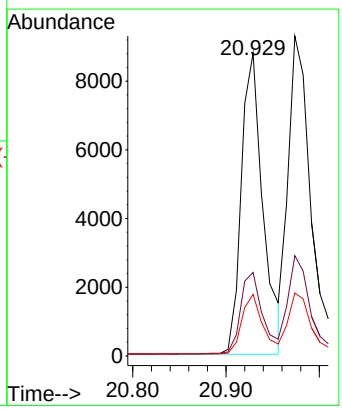


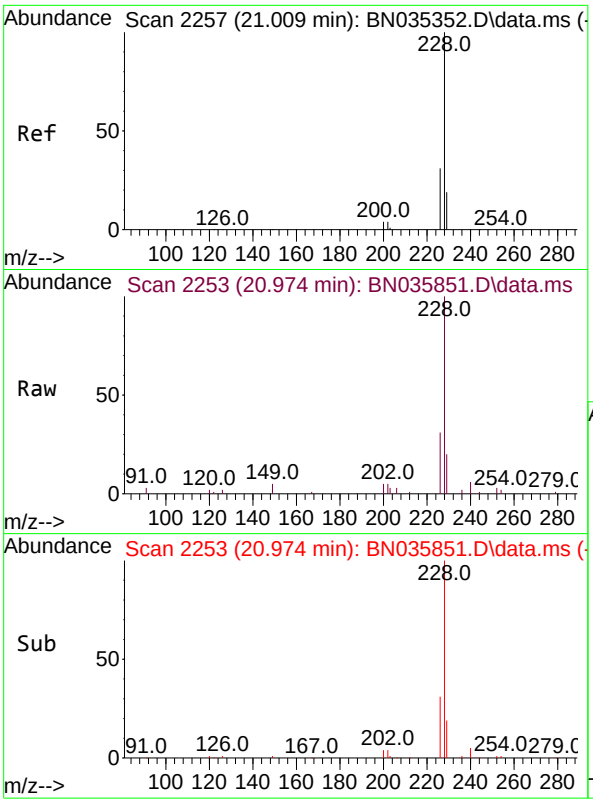


#32
Benzo(a)anthracene
Concen: 0.416 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:228 Resp: 14142

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	20.3	15.8	23.8



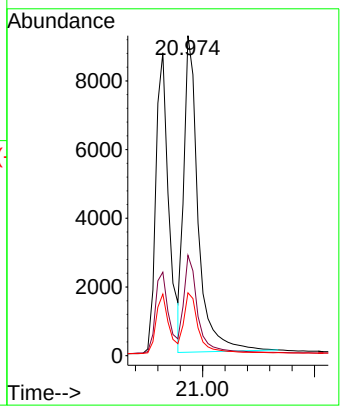


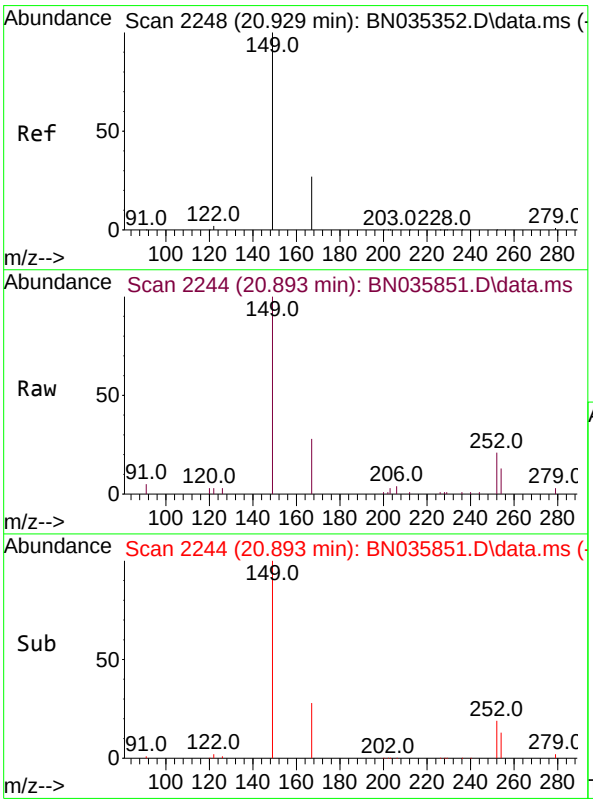
#33
Chrysene
Concen: 0.468 ng
RT: 20.974 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:228 Resp: 16427

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	19.7	15.9	23.9

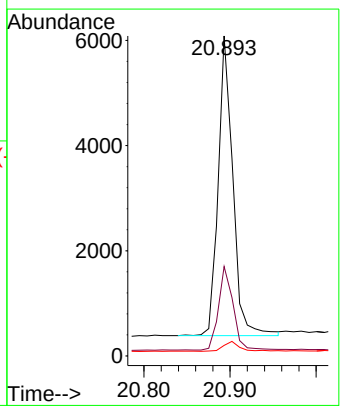


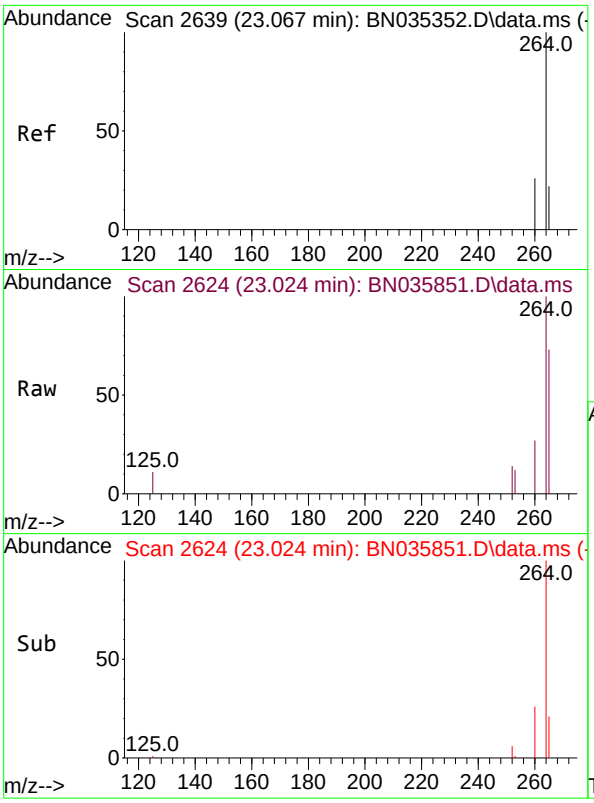


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.499 ng
RT: 20.893 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:149 Resp: 6713

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.4
279	3.7	2.7	4.1



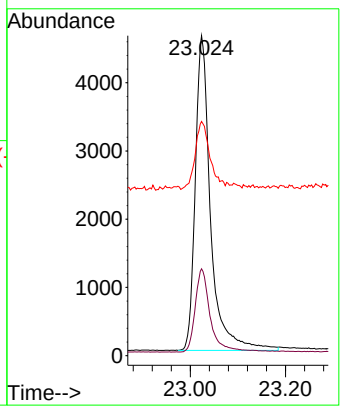


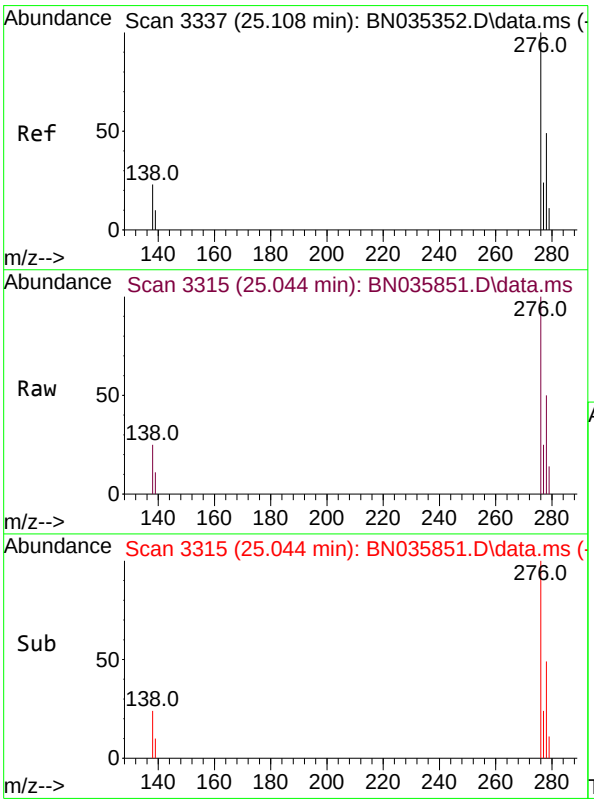
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.024 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:264 Resp: 10279

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	73.2	40.2	60.4#

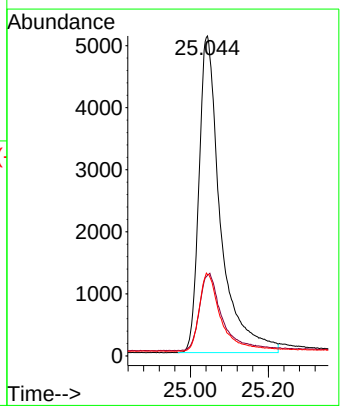


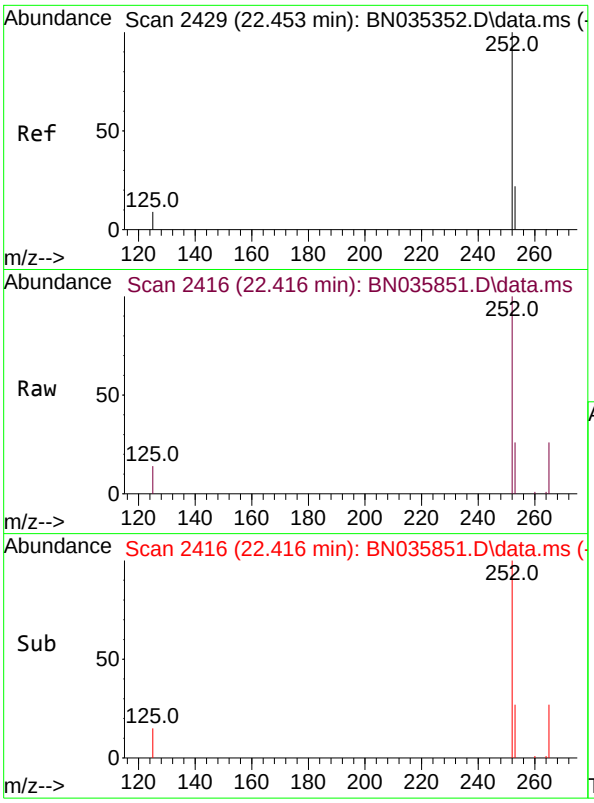


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.489 ng
RT: 25.044 min Scan# 3315
Delta R.T. -0.023 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:276 Resp: 19633

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.4	29.0
277	24.5	19.8	29.6



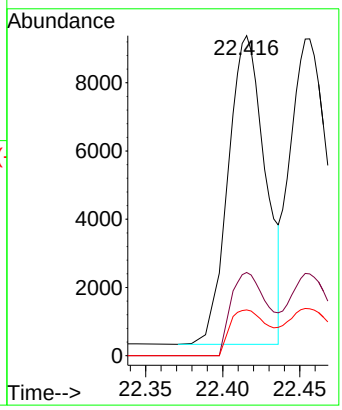


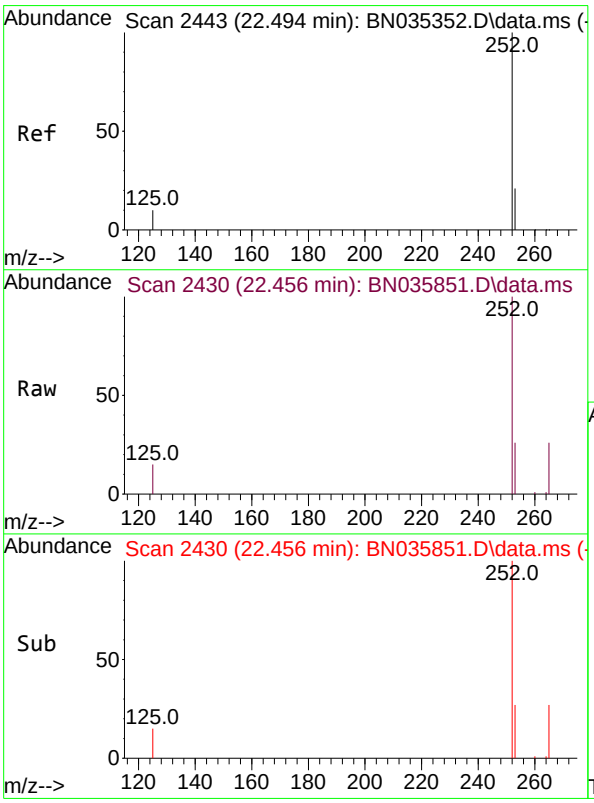
#37
Benzo(b)fluoranthene
Concen: 0.550 ng
RT: 22.416 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:252 Resp: 20699

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	14.3	9.6	14.4

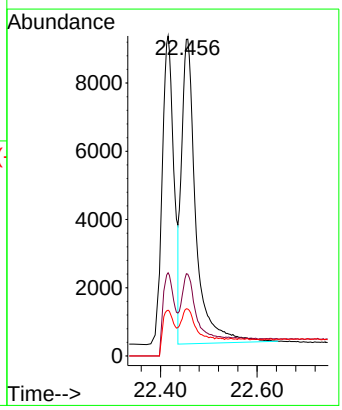


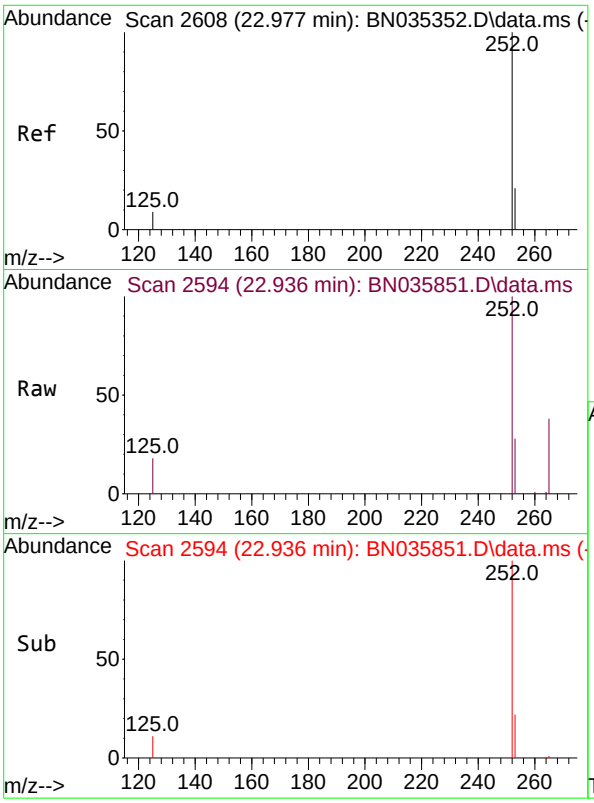


#38
Benzo(k)fluoranthene
Concen: 0.498 ng
RT: 22.456 min Scan# 2430
Delta R.T. -0.015 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:252 Resp: 18428

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.5	29.3
125	14.8	10.2	15.4



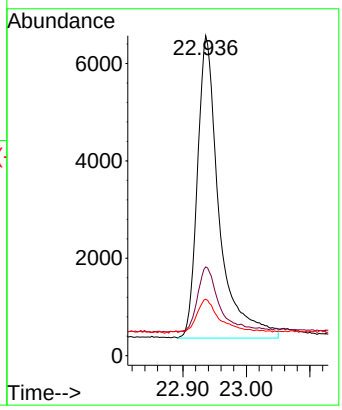


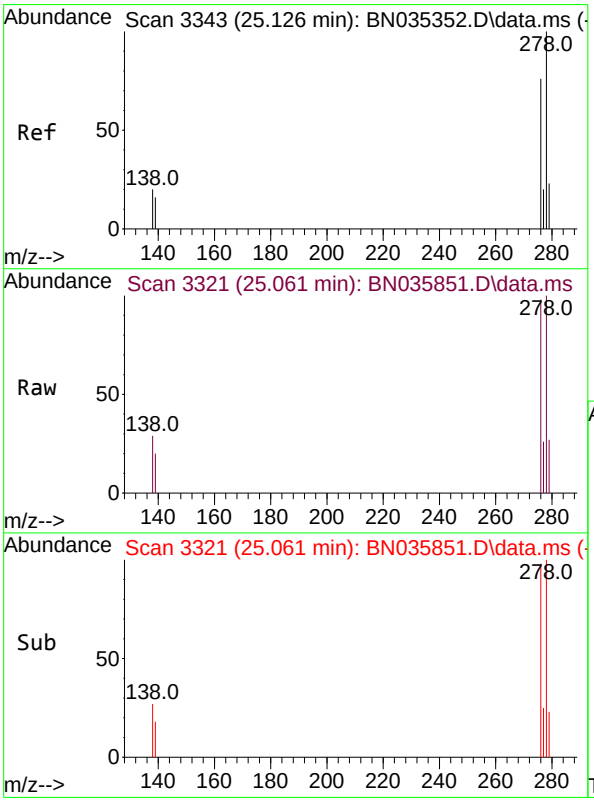
#39
Benzo(a)pyrene
Concen: 0.477 ng
RT: 22.936 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:252 Resp: 14761

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.2	30.4
125	17.6	10.9	16.3#

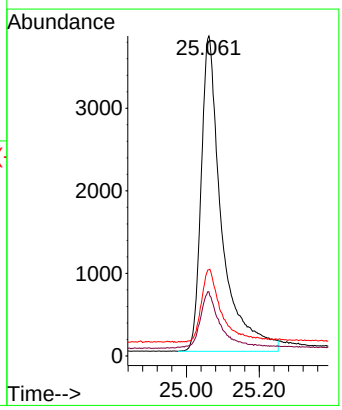


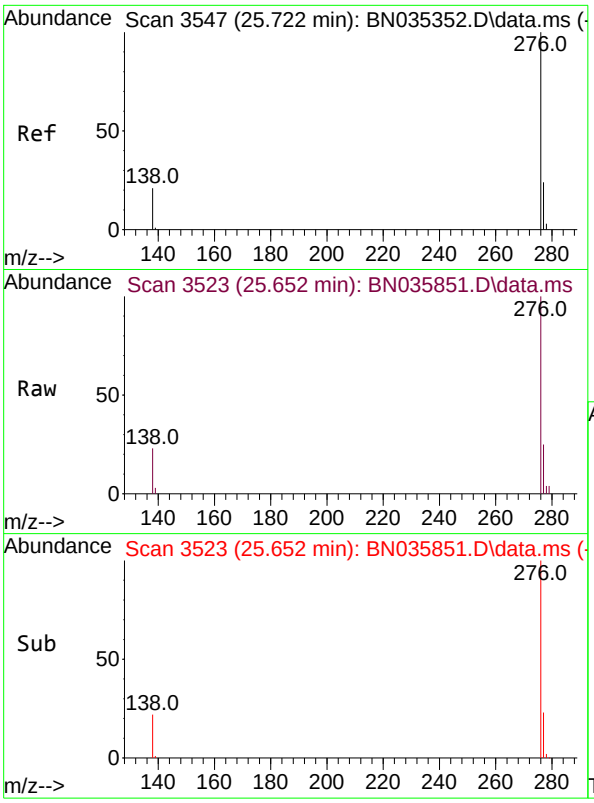


#40
Dibenzo(a,h)anthracene
Concen: 0.470 ng
RT: 25.061 min Scan# 3321
Delta R.T. -0.020 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Tgt Ion:278 Resp: 14898

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.2	21.4
279	27.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.481 ng
RT: 25.652 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN035851.D
Acq: 26 Dec 2024 13:43

Instrument :
BNA_N
ClientSampleId :
PB165723BS

Tgt Ion:276 Resp: 15951

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.9	29.9
138	23.4	17.8	26.8