Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035841.D
Acq On : 25 Dec 2024 04:03
Operator : RC/JU
Sample : PB165828BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Quant Time: Dec 25 05:04:07 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	3493	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	8035	0.400	ng	-0.02
13) Acenaphthene-d10	13.914	164	4459	0.400	ng	-0.02
19) Phenanthrene-d10	16.698	188	8682	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7566	0.400	ng	0.00
35) Perylene-d12	23.027	264	7146	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	2606	0.298	ng	0.00
5) Phenol-d6	6.470	99	2719	0.259	ng	-0.02
8) Nitrobenzene-d5	8.397	82	2507	0.511	ng	-0.01
11) 2-Methylnaphthalene-d10	11.606	152	5806	0.462	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	561	0.177	ng	-0.01
15) 2-Fluorobiphenyl	12.529	172	6854	0.407	ng	-0.02
27) Fluoranthene-d10	18.752	212	9162	0.372	ng	0.00
31) Terphenyl-d14	19.384	244	6309	0.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.975	88	1263	0.378	ng	# 68
3) n-Nitrosodimethylamine	3.263	42	1188	0.427	ng	# 96
6) bis(2-Chloroethyl)ether	6.716	93	2856	0.323	ng	97
9) Naphthalene	10.052	128	8500	0.401	ng	99
10) Hexachlorobutadiene	10.340	225	2024	0.414	ng	# 100
12) 2-Methylnaphthalene	11.682	142	5336	0.352	ng	98
16) Acenaphthylene	13.625	152	7490	0.400	ng	99
17) Acenaphthene	13.978	154	4906	0.395	ng	99
18) Fluorene	14.994	166	6230	0.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.133	198	200	0.234	ng	# 7
21) 4-Bromophenyl-phenylether	15.904	248	1759	0.346	ng	# 90
22) Hexachlorobenzene	15.991	284	2632	0.441	ng	98
23) Atrazine	16.202	200	1234	0.341	ng	93
24) Pentachlorophenol	16.363	266	1283	0.495	ng	# 86
25) Phenanthrene	16.736	178	9474	0.397	ng	99
26) Anthracene	16.835	178	8414	0.390	ng	99
28) Fluoranthene	18.780	202	11557	0.359	ng	99
30) Pyrene	19.147	202	11867	0.425	ng	99
32) Benzo(a)anthracene	20.929	228	8820	0.333	ng	100
33) Chrysene	20.983	228	12065	0.442	ng	99
34) Bis(2-ethylhexyl)phtha...	20.893	149	3671	0.351	ng	98
36) Indeno(1,2,3-cd)pyrene	25.056	276	9983	0.357	ng	97
37) Benzo(b)fluoranthene	22.416	252	16764	0.641	ng	# 95
38) Benzo(k)fluoranthene	22.459	252	11768	0.457	ng	95
39) Benzo(a)pyrene	22.942	252	8831	0.410	ng	# 87
40) Dibenzo(a,h)anthracene	25.076	278	7070	0.321	ng	# 88
41) Benzo(g,h,i)perylene	25.658	276	8833	0.383	ng	97

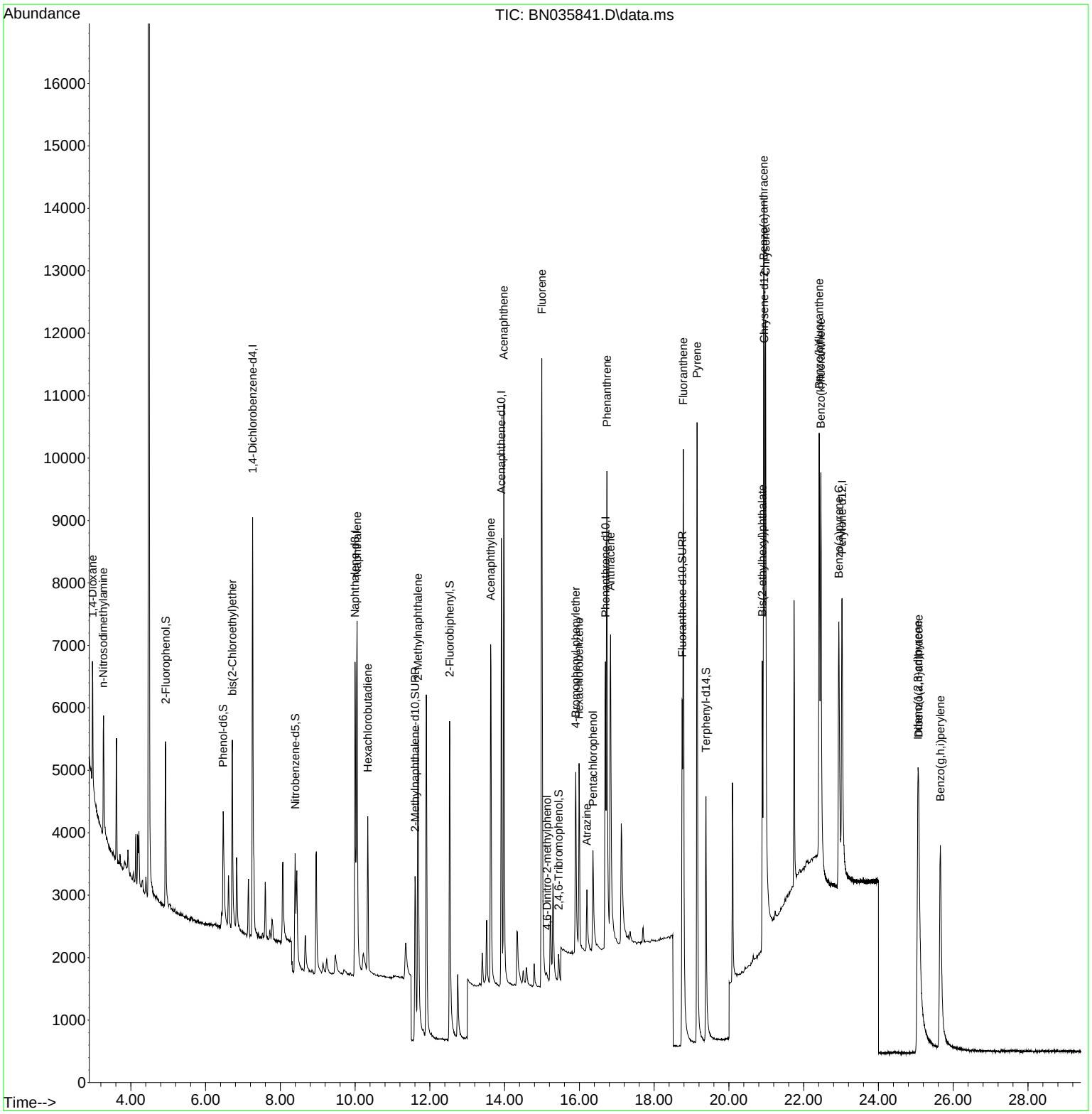
(#) = qualifier out of range (m) = manual integration (+) = signals summed

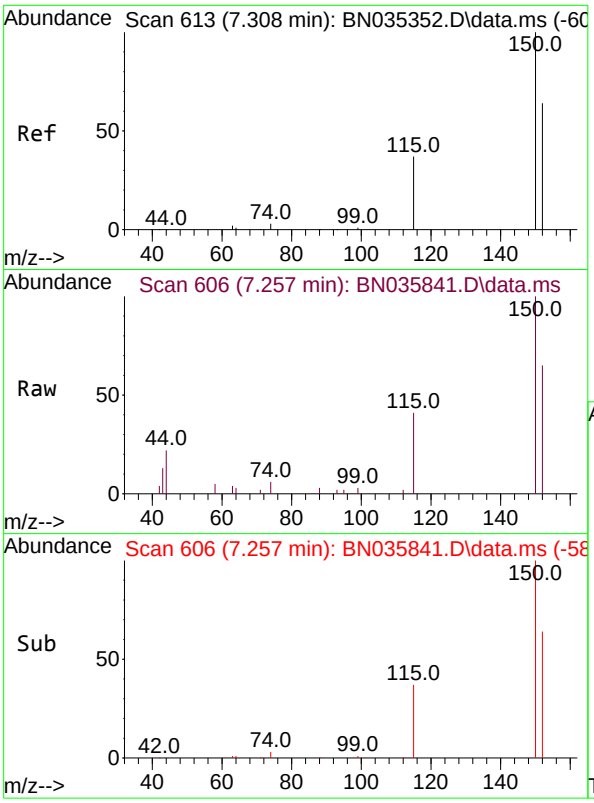
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035841.D
Acq On : 25 Dec 2024 04:03
Operator : RC/JU
Sample : PB165828BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Quant Time: Dec 25 05:04:07 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



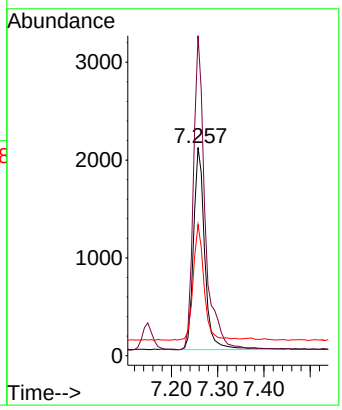


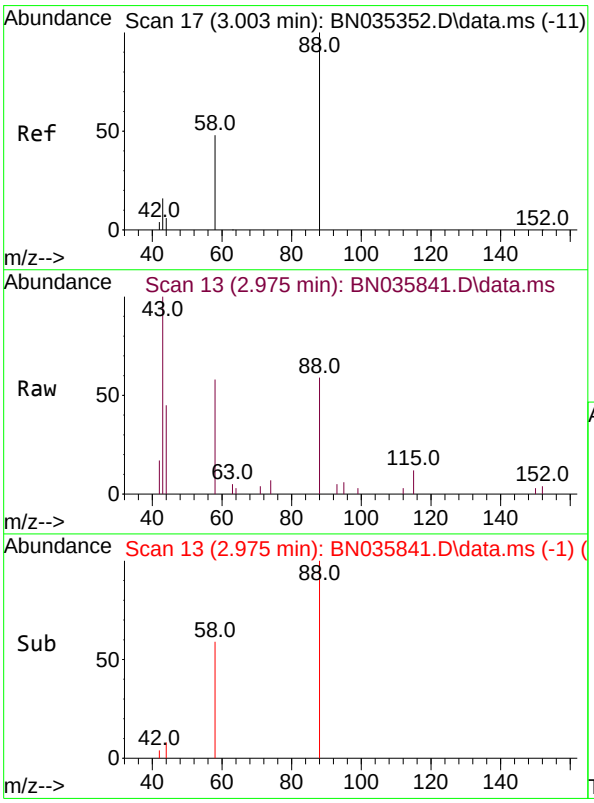
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 6(
Delta R.T. -0.015 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:152 Resp: 3493

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.0	186.0
115	63.0	49.6	74.4

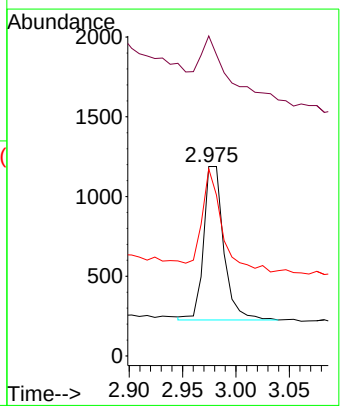


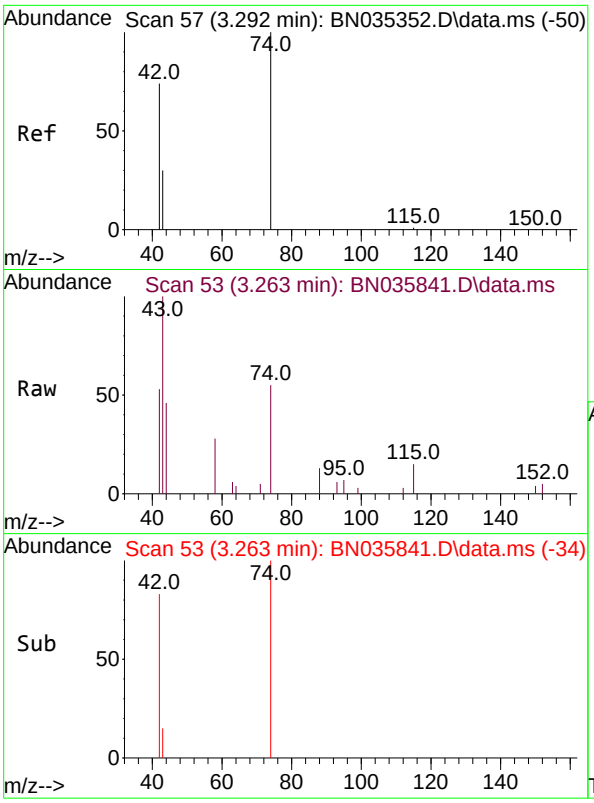


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 2.975 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion: 88 Resp: 1263

Ion	Ratio	Lower	Upper
88	100		
43	61.0	17.2	25.8#
58	64.1	44.5	66.7



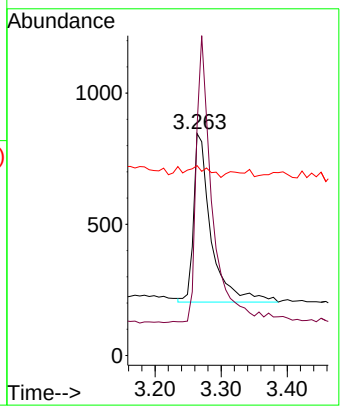


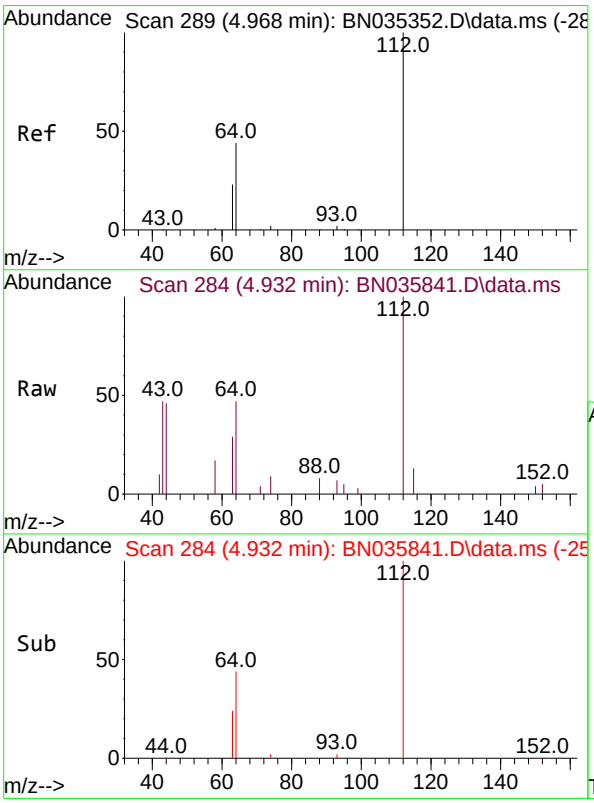
#3
n-Nitrosodimethylamine
Concen: 0.427 ng
RT: 3.263 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion: 42 Resp: 1188

Ion	Ratio	Lower	Upper
42	100		
74	151.7	124.9	187.3
44	7.4	2.2	3.4#

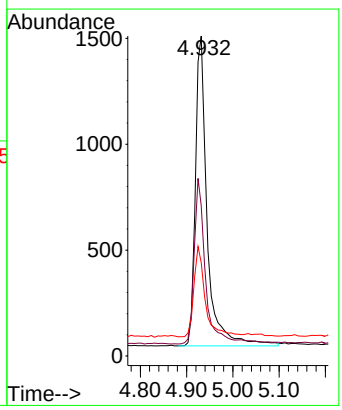


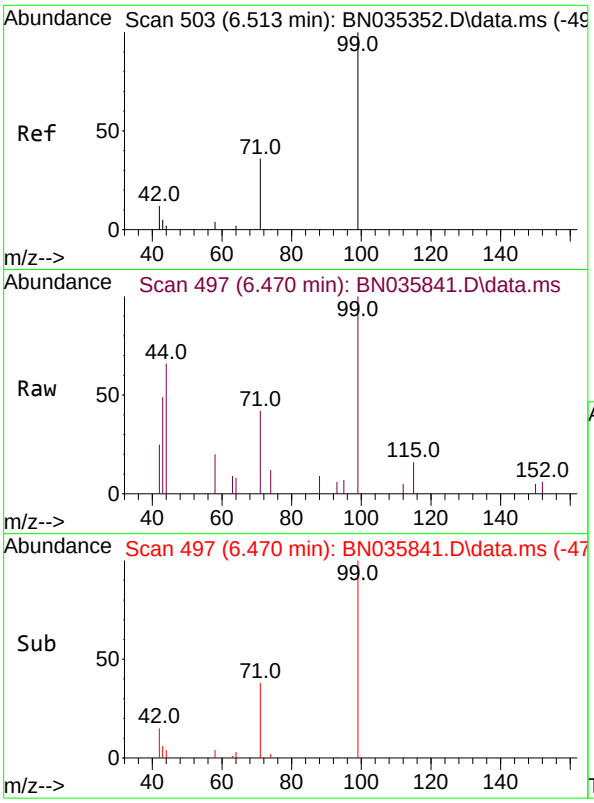


#4
2-Fluorophenol
Concen: 0.298 ng
RT: 4.932 min Scan# 284
Delta R.T. -0.007 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:112 Resp: 2606

Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.8	59.8
63	28.2	21.0	31.6



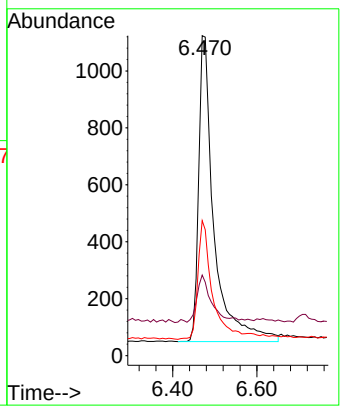


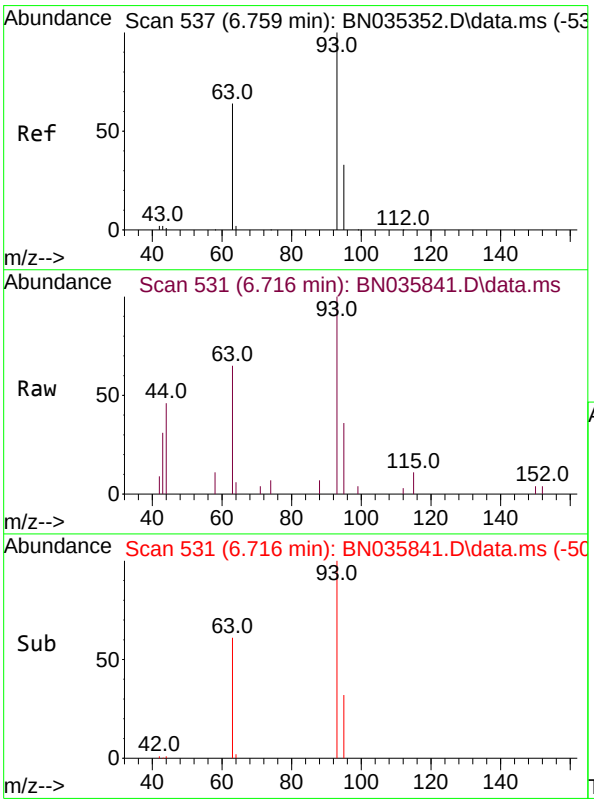
#5
Phenol-d6
Concen: 0.259 ng
RT: 6.470 min Scan# 4
Delta R.T. -0.022 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion: 99 Resp: 2719

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.4	17.2
71	36.1	29.3	43.9

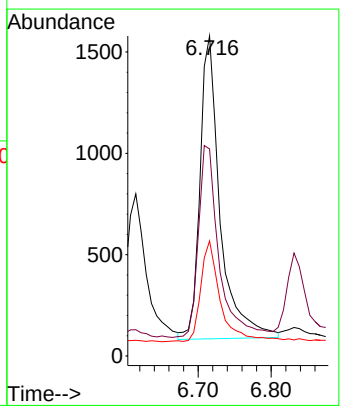


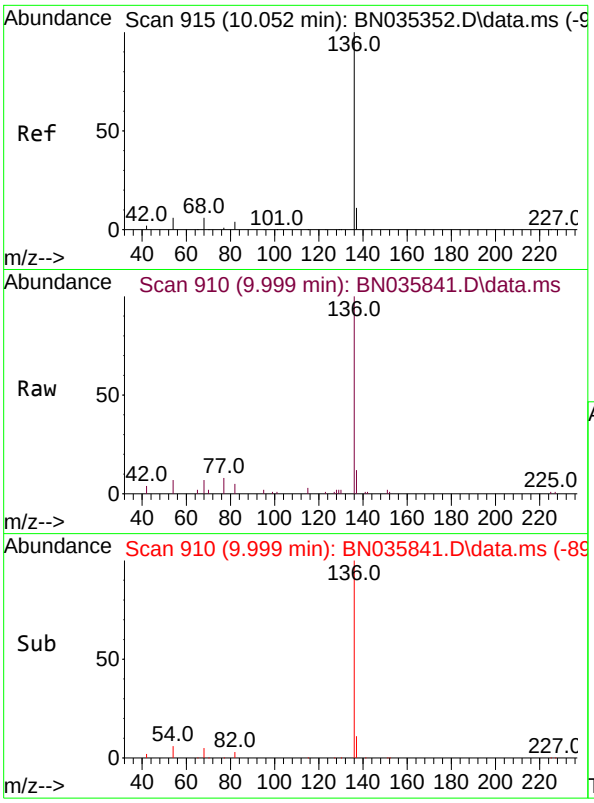


#6
bis(2-Chloroethyl)ether
Concen: 0.323 ng
RT: 6.716 min Scan# 531
Delta R.T. -0.014 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion: 93 Resp: 2856

Ion	Ratio	Lower	Upper
93	100		
63	65.1	50.4	75.6
95	33.3	25.7	38.5



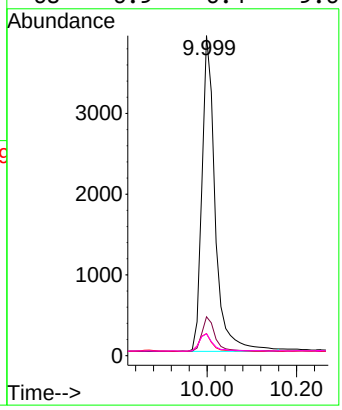


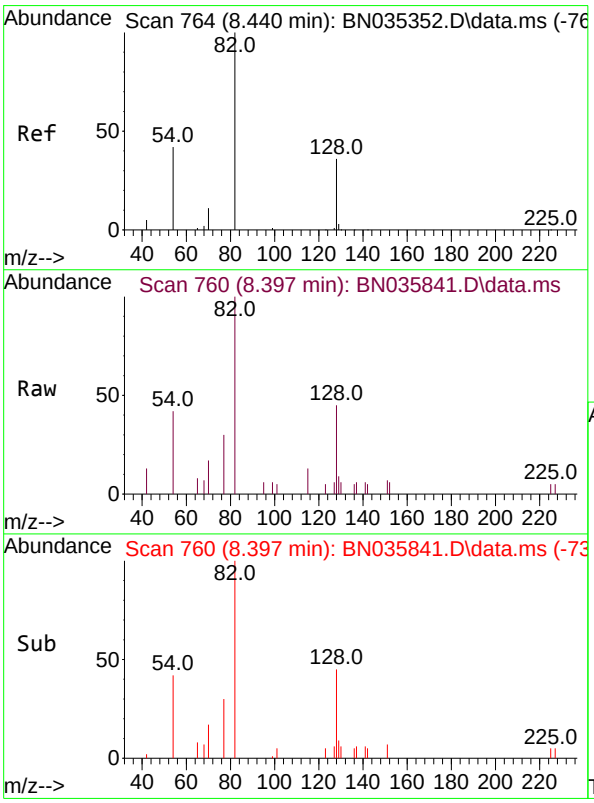
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 9.999 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:136 Resp: 8035

Ion	Ratio	Lower	Upper
136	100		
137	12.1	10.2	15.2
54	6.9	6.1	9.1
68	6.9	6.4	9.6

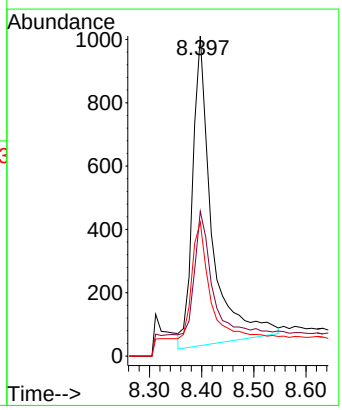


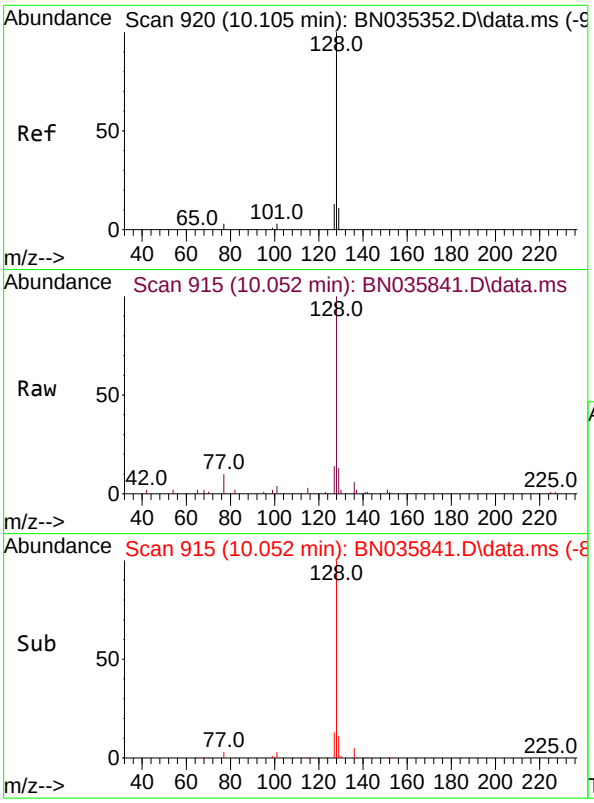


#8
Nitrobenzene-d5
Concen: 0.511 ng
RT: 8.397 min Scan# 760
Delta R.T. -0.011 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion: 82 Resp: 2507

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.4	50.0
54	41.8	36.7	55.1



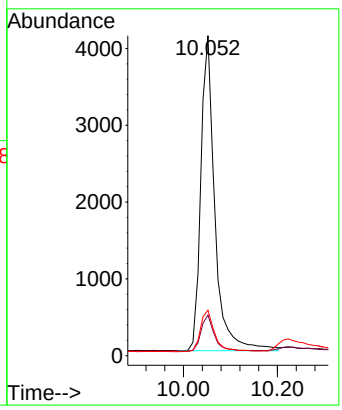


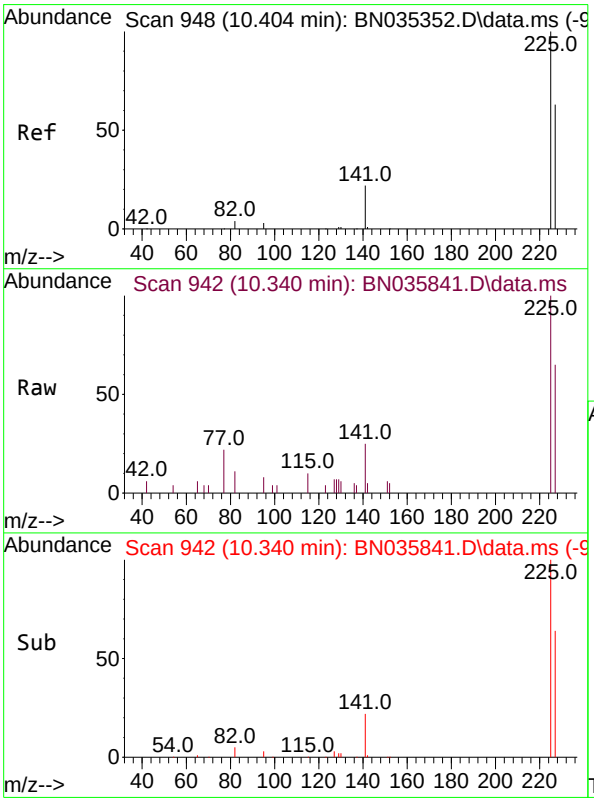
#9
Naphthalene
Concen: 0.401 ng
RT: 10.052 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:128 Resp: 8500

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.6
127	14.3	11.4	17.2

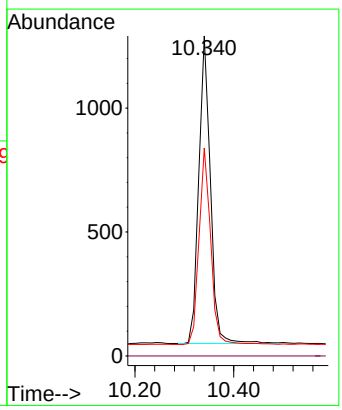


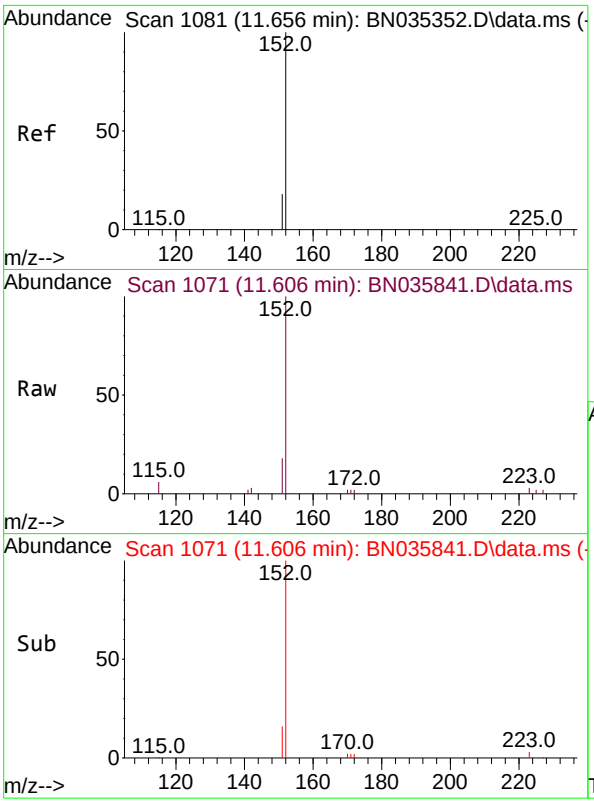


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.021 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:225 Resp: 2024

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



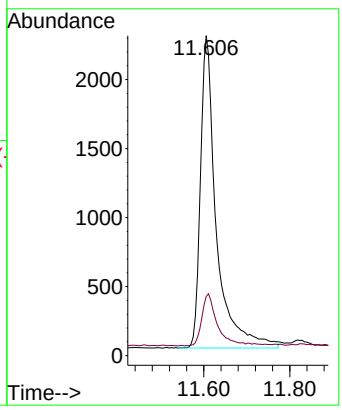


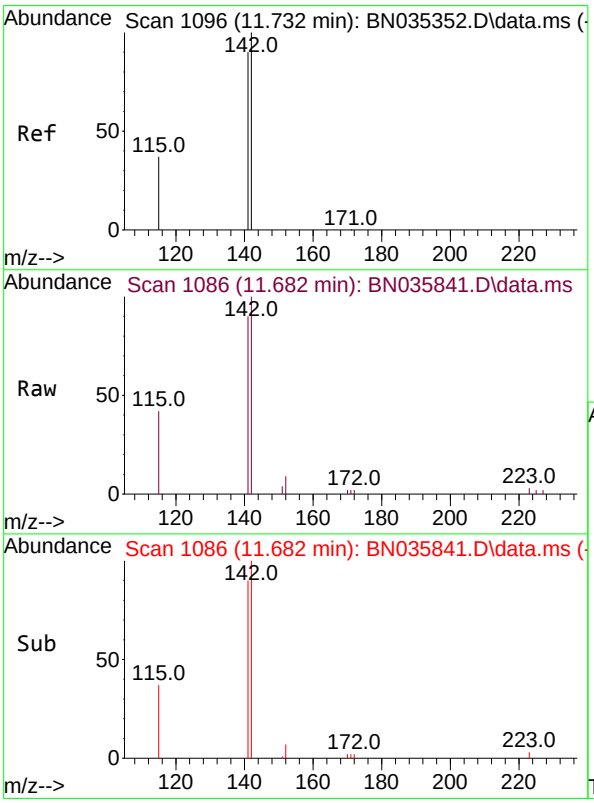
#11
2-Methylnaphthalene-d10
Concen: 0.462 ng
RT: 11.606 min Scan# 1(
Delta R.T. -0.015 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:152 Resp: 5806

Ion	Ratio	Lower	Upper
152	100		
151	16.0	16.6	25.0#

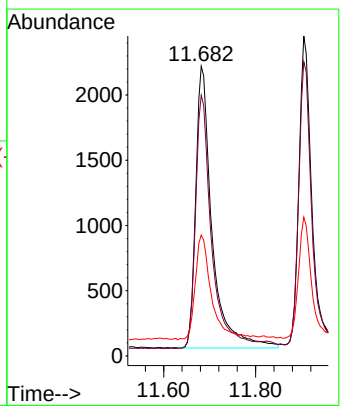


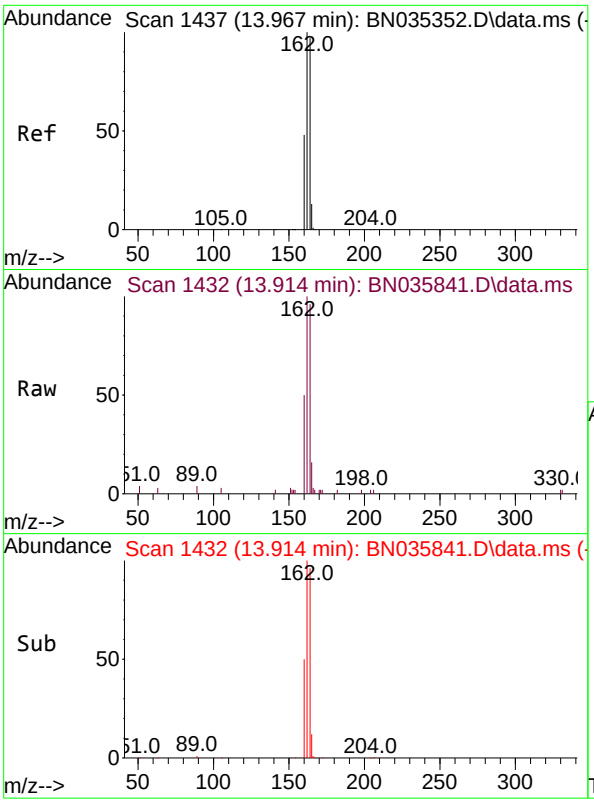


#12
2-Methylnaphthalene
Concen: 0.352 ng
RT: 11.682 min Scan# 1086
Delta R.T. -0.015 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:142 Resp: 5336

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4
115	41.7	31.4	47.0



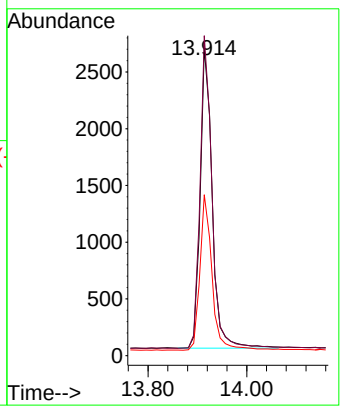


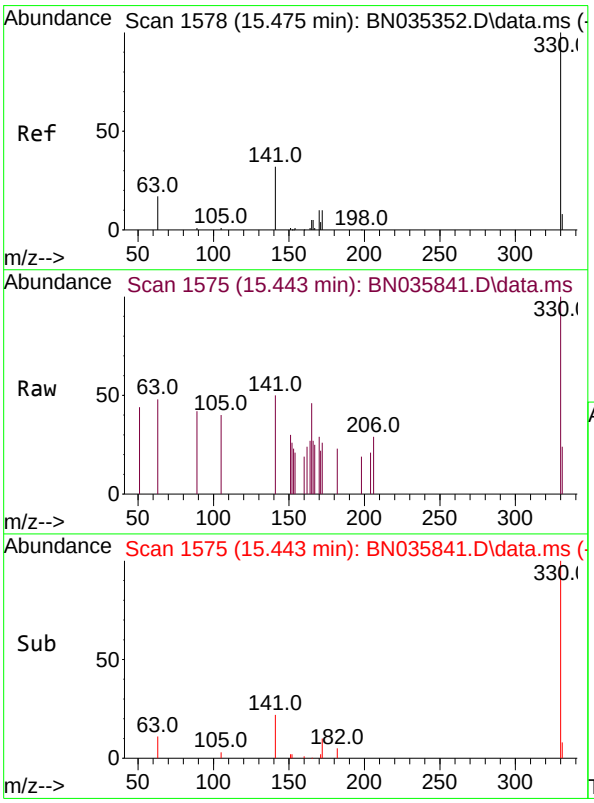
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.914 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:164 Resp: 4459

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.2
160	52.4	40.1	60.1

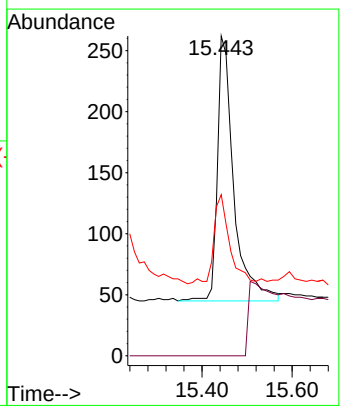


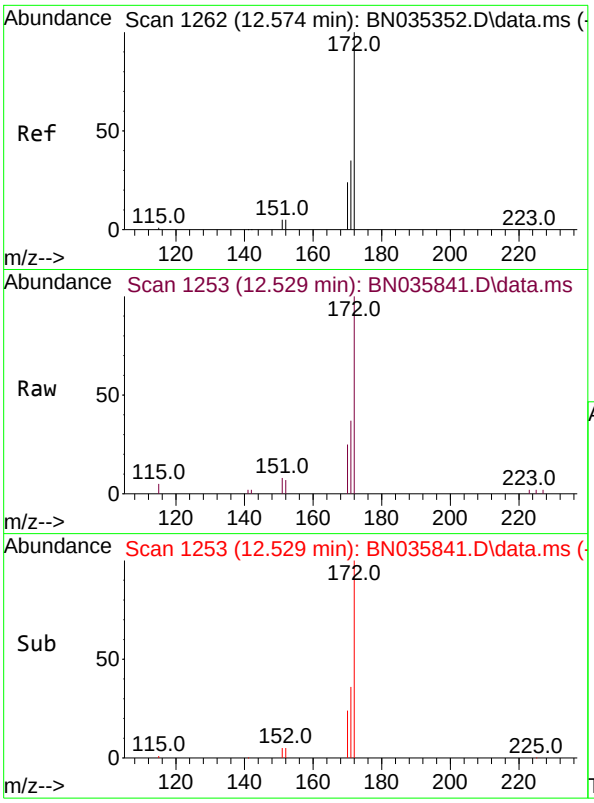


#14
2,4,6-Tribromophenol
Concen: 0.177 ng
RT: 15.443 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:330 Resp: 561

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.9	26.6	40.0



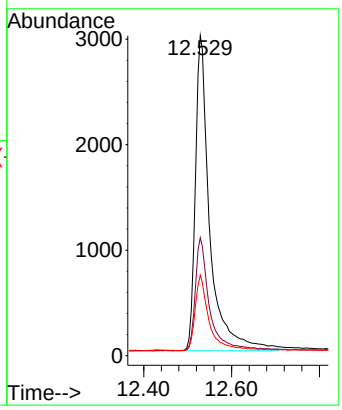


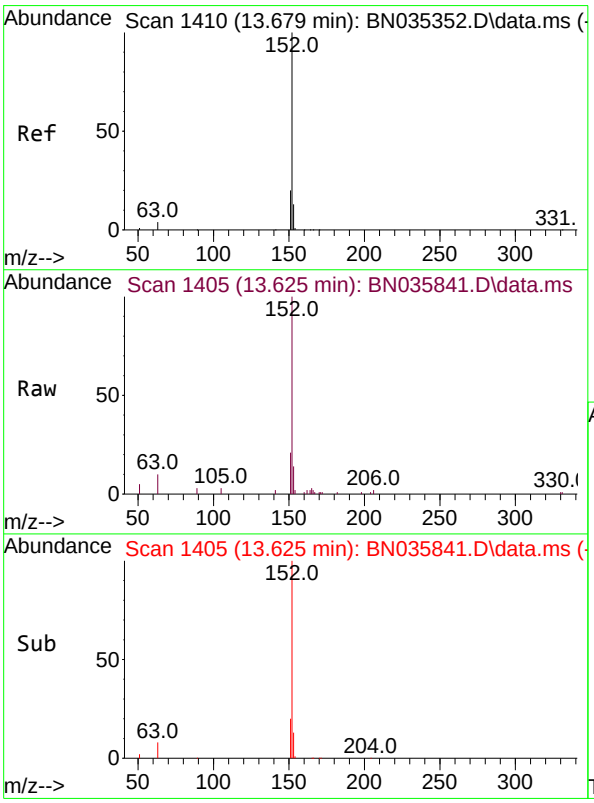
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.529 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:172 Resp: 6854

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	25.2	19.8	29.8

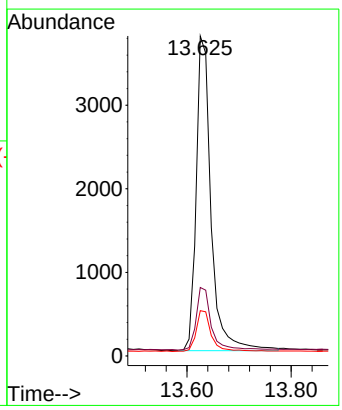


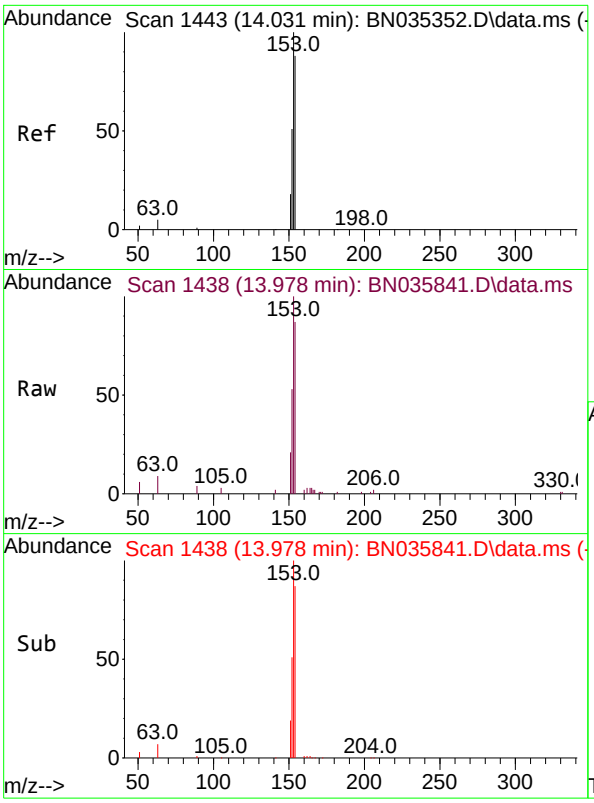


#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.625 min Scan# 1405
Delta R.T. -0.021 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:152 Resp: 7490

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.5	10.4	15.6



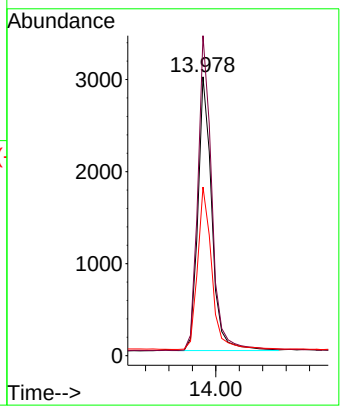


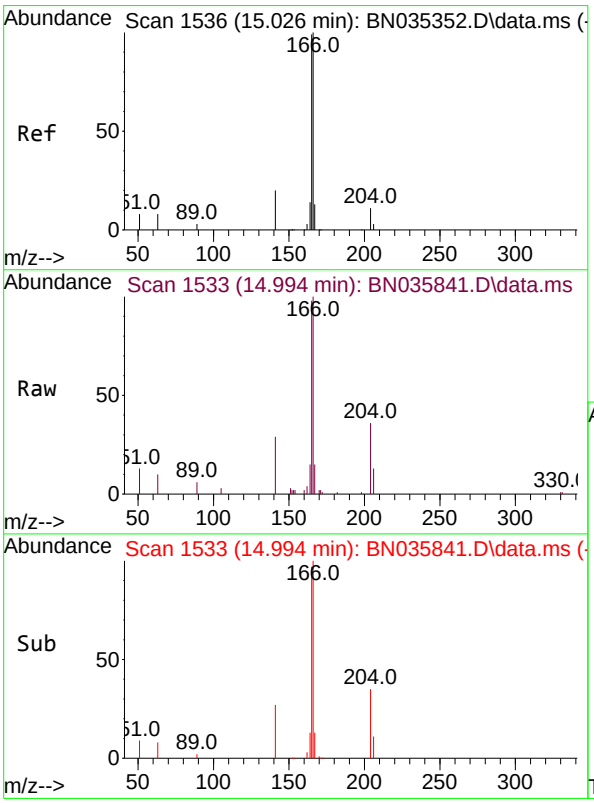
#17
Acenaphthene
Concen: 0.395 ng
RT: 13.978 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:154 Resp: 4906

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.6	139.0
152	60.5	49.0	73.6

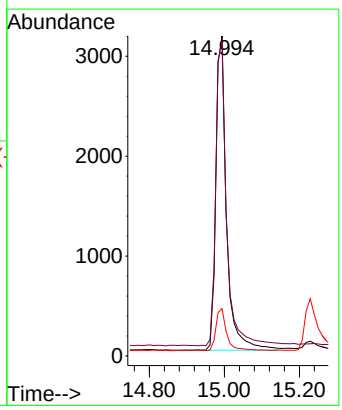


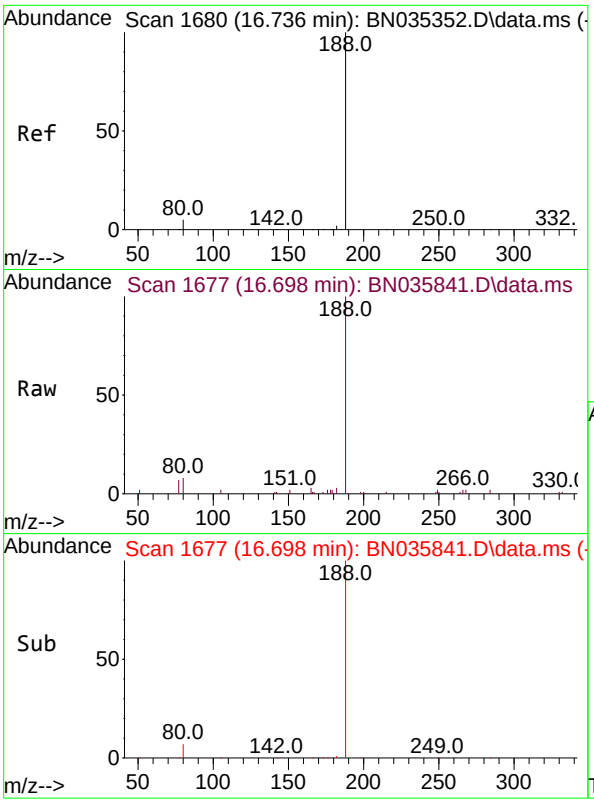


#18
Fluorene
Concen: 0.350 ng
RT: 14.994 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:166 Resp: 6230

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.7	119.5
167	13.4	10.8	16.2



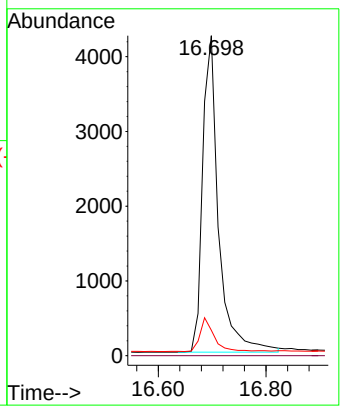


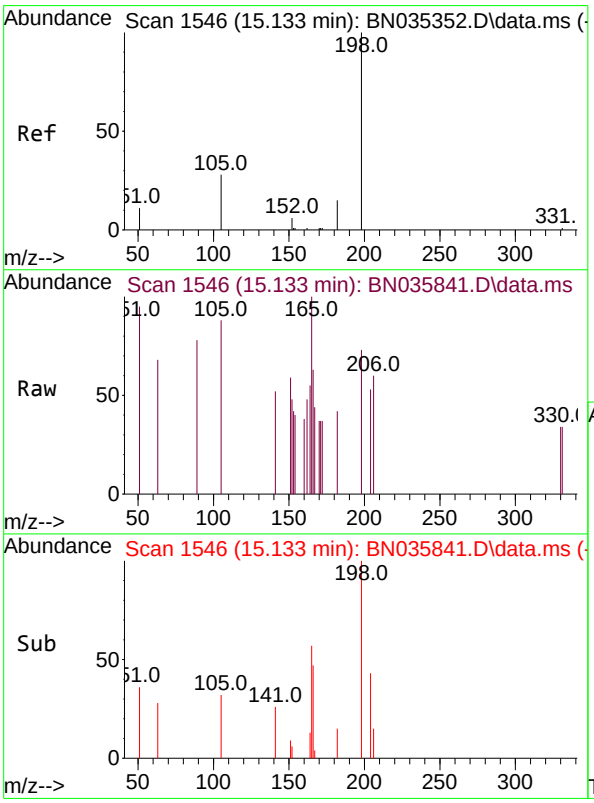
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:188 Resp: 8682

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	4.6	6.8#

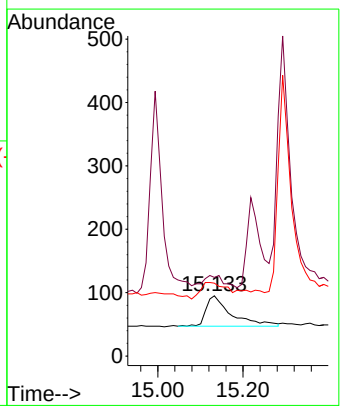


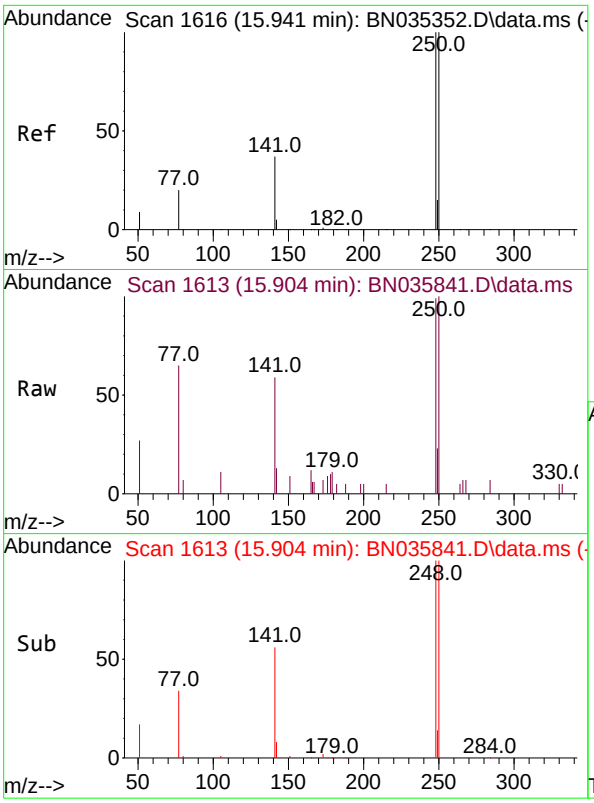


#20
4,6-Dinitro-2-methylphenol
Concen: 0.234 ng
RT: 15.133 min Scan# 1546
Delta R.T. 0.011 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:198 Resp: 200

Ion	Ratio	Lower	Upper
198	100		
51	130.5	46.5	69.7#
105	121.1	45.3	67.9#



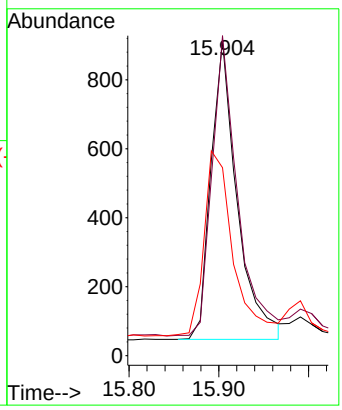


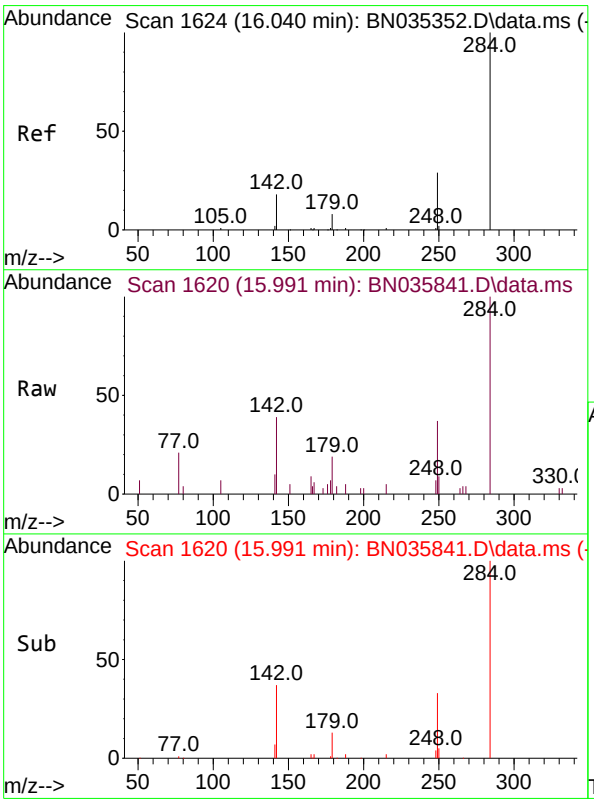
#21
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 15.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:248 Resp: 1759

Ion	Ratio	Lower	Upper
248	100		
250	101.4	80.6	120.8
141	59.6	31.5	47.3#

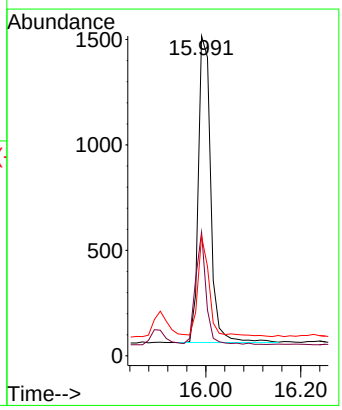


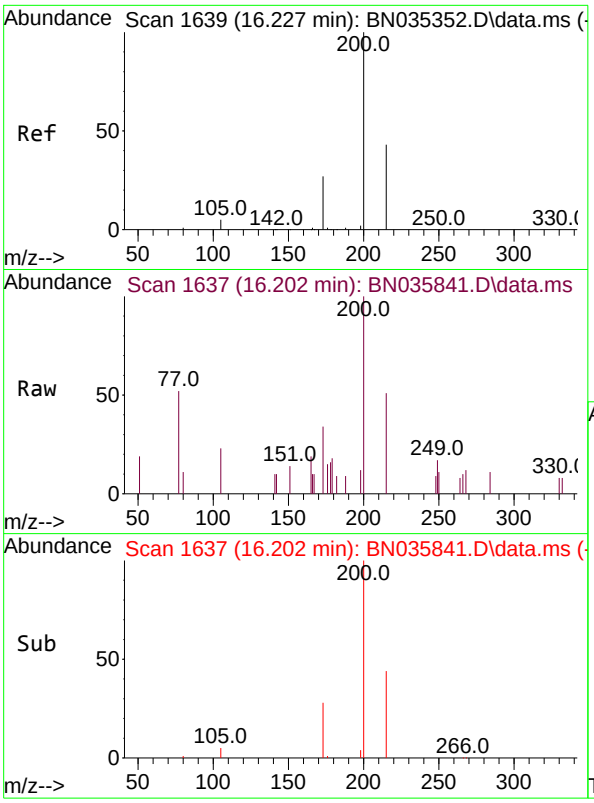


#22
Hexachlorobenzene
Concen: 0.441 ng
RT: 15.991 min Scan# 1620
Delta R.T. -0.025 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:284 Resp: 2632

Ion	Ratio	Lower	Upper
284	100		
142	31.5	26.7	40.1
249	30.7	24.6	36.8



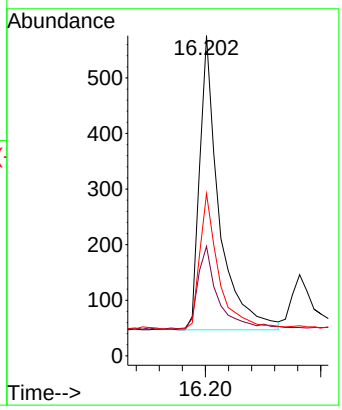


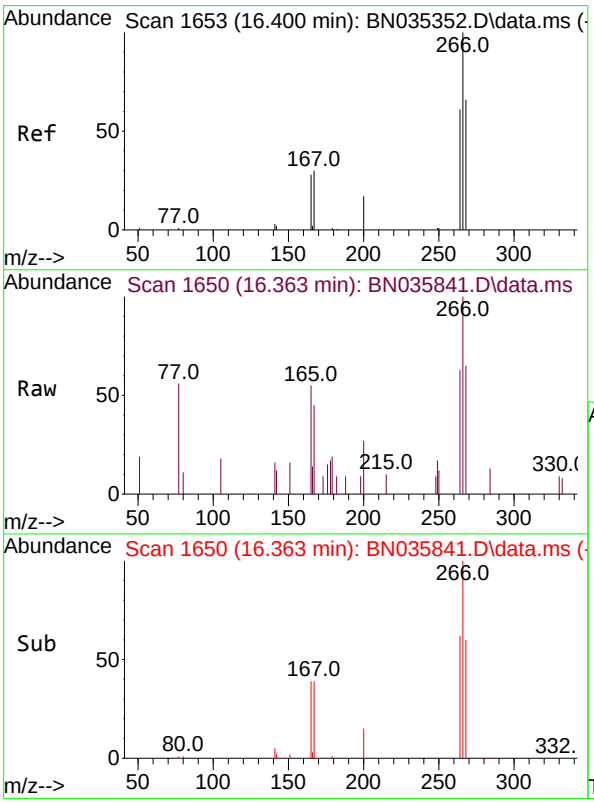
#23
Atrazine
Concen: 0.341 ng
RT: 16.202 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:200 Resp: 1234

Ion	Ratio	Lower	Upper
200	100		
173	34.2	24.1	36.1
215	50.7	36.9	55.3

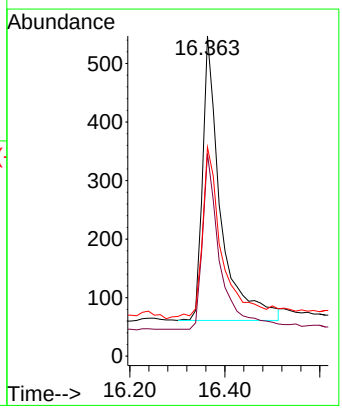


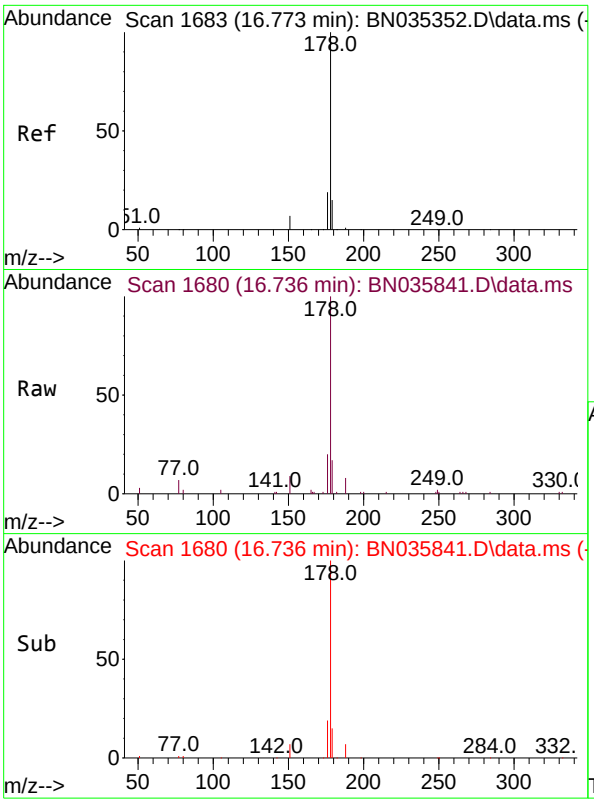


#24
Pentachlorophenol
Concen: 0.495 ng
RT: 16.363 min Scan# 1650
Delta R.T. -0.012 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:266 Resp: 1283

Ion	Ratio	Lower	Upper
266	100		
264	61.0	42.3	63.5
268	65.2	43.3	64.9#



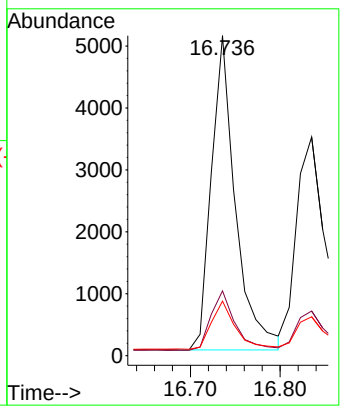


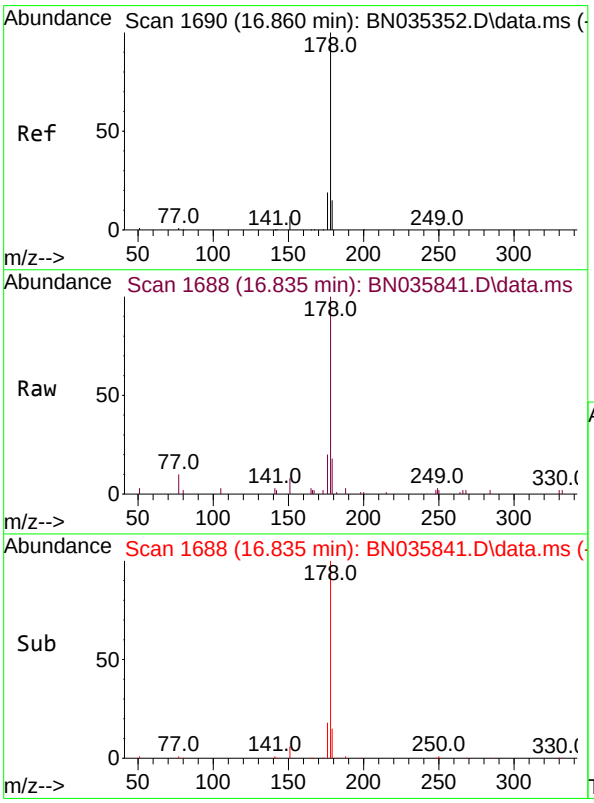
#25
Phenanthrene
Concen: 0.397 ng
RT: 16.736 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:178 Resp: 9474

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.1	12.3	18.5

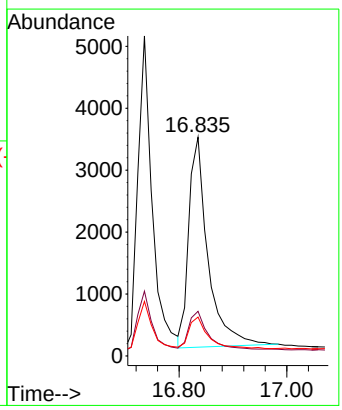


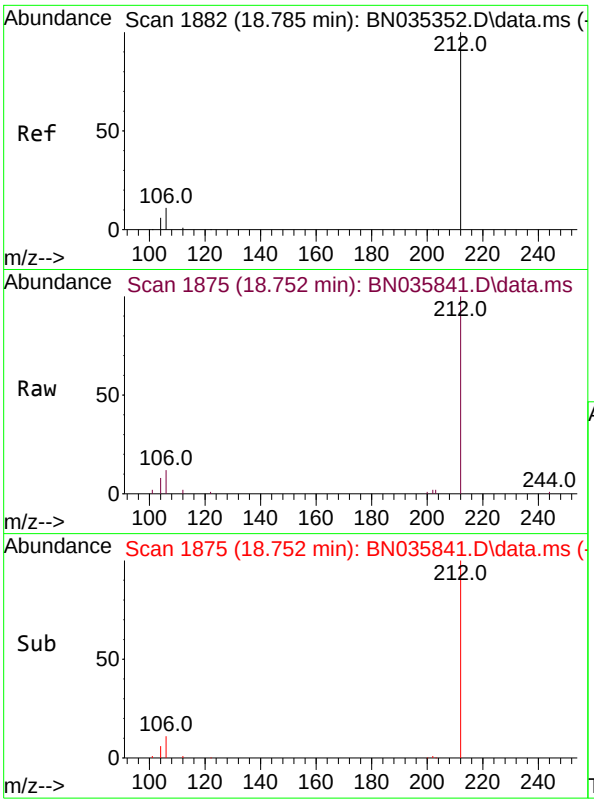


#26
Anthracene
Concen: 0.390 ng
RT: 16.835 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:178 Resp: 8414

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.3	12.6	18.8



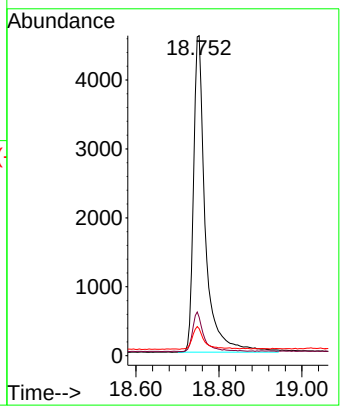


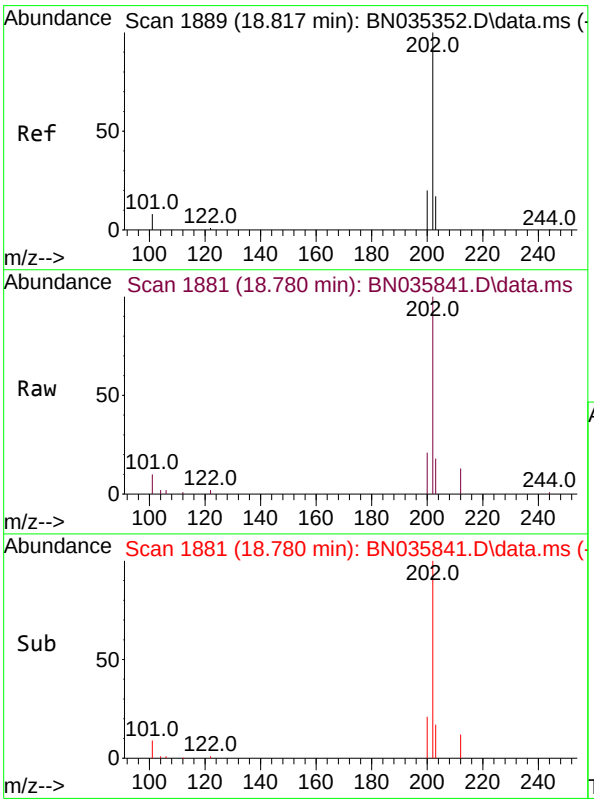
#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 18.752 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:212 Resp: 9162

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.2	13.8
104	6.9	5.3	7.9

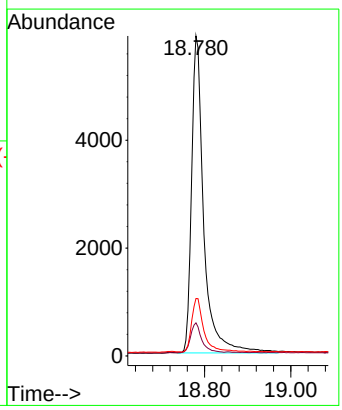


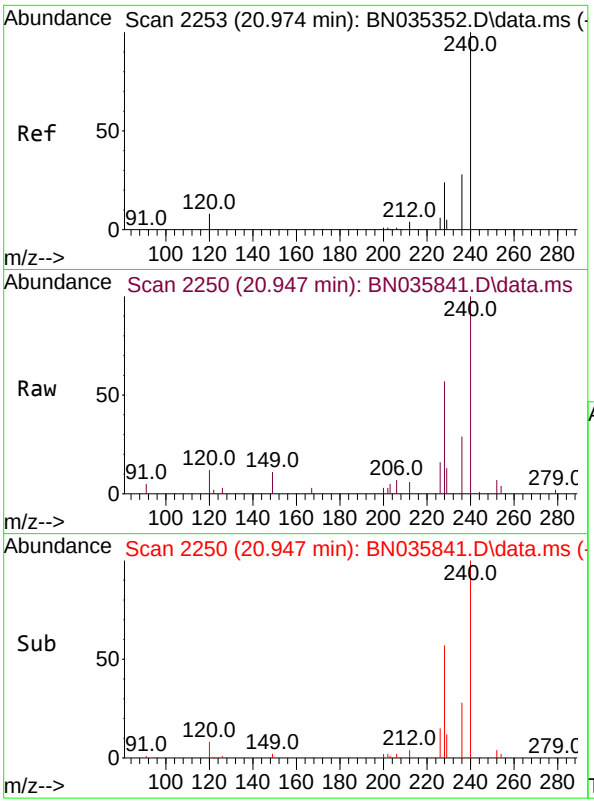


#28
Fluoranthene
Concen: 0.359 ng
RT: 18.780 min Scan# 1881
Delta R.T. -0.009 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:202 Resp: 11557

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.4	11.0
203	16.8	13.7	20.5



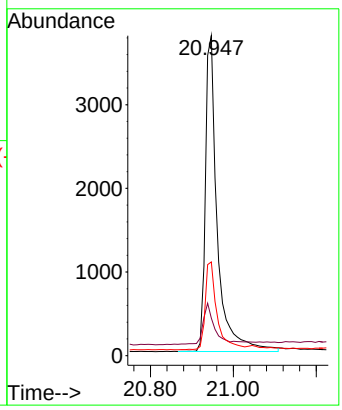


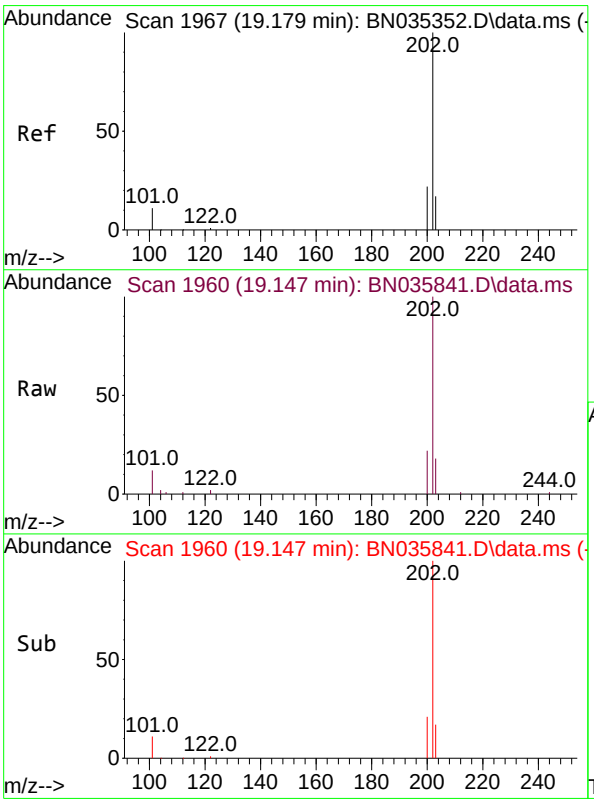
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:240 Resp: 7566

Ion	Ratio	Lower	Upper
240	100		
120	11.7	7.9	11.9
236	29.3	22.9	34.3

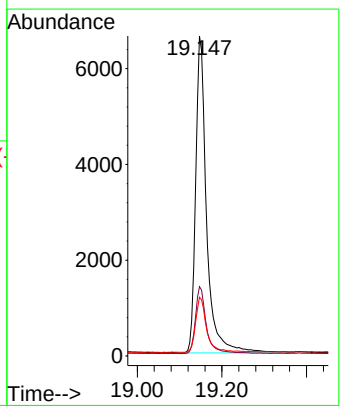


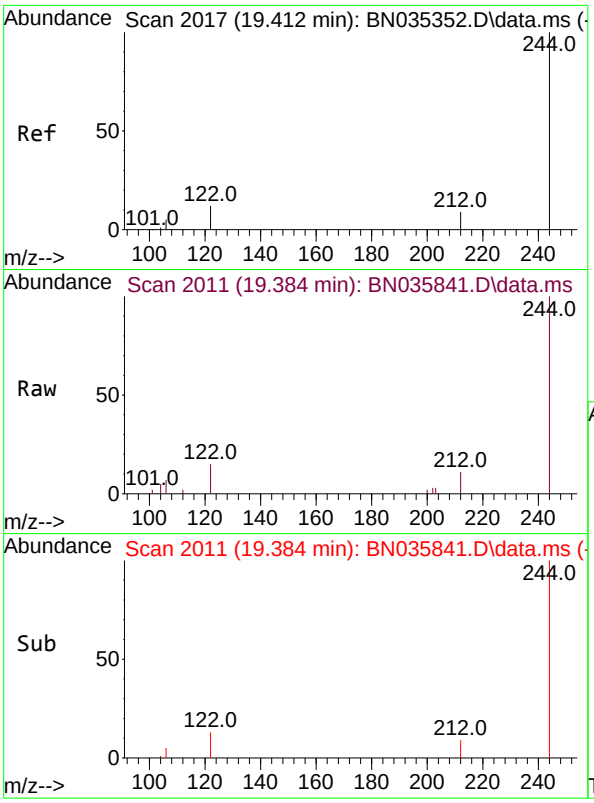


#30
Pyrene
Concen: 0.425 ng
RT: 19.147 min Scan# 1960
Delta R.T. -0.014 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:202 Resp: 11867

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.4	14.3	21.5



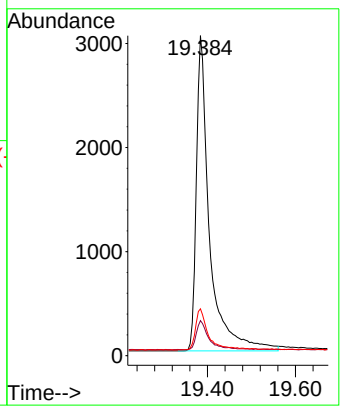


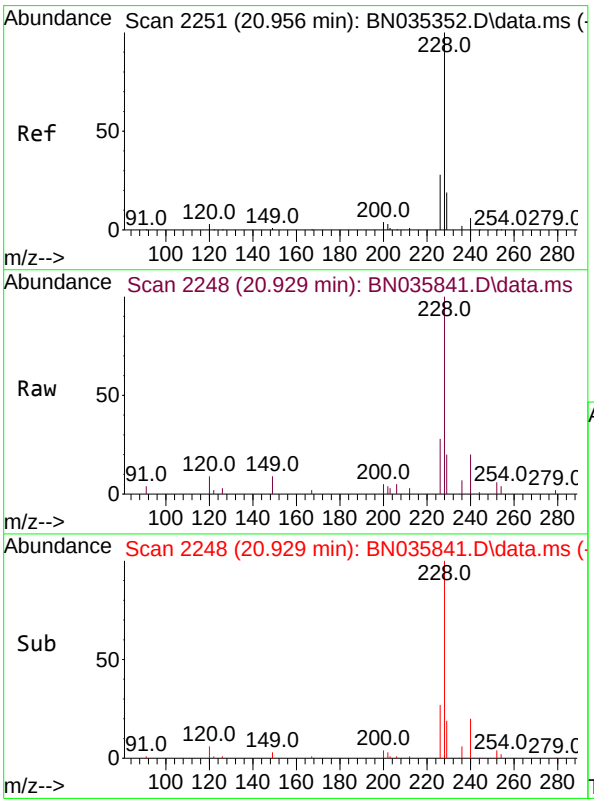
#31
Terphenyl-d14
Concen: 0.423 ng
RT: 19.384 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:244 Resp: 6309

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.1	12.1
122	14.6	10.3	15.5

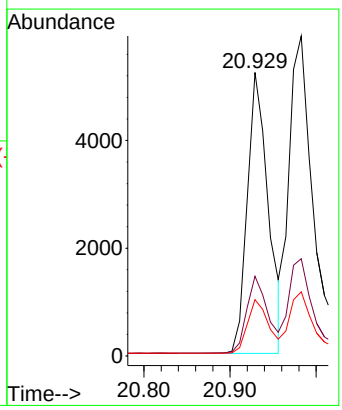


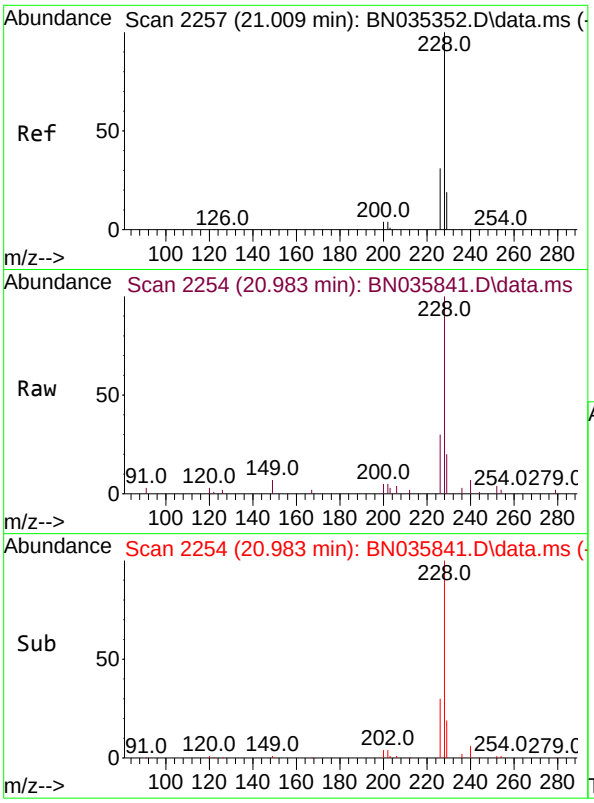


#32
Benzo(a)anthracene
Concen: 0.333 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.009 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:228 Resp: 8820

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	19.9	15.8	23.8



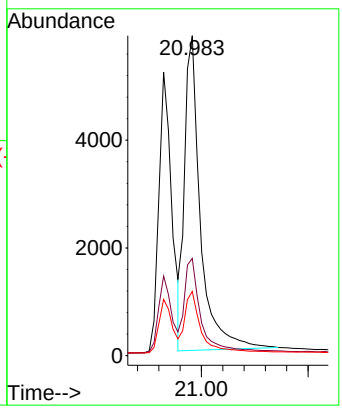


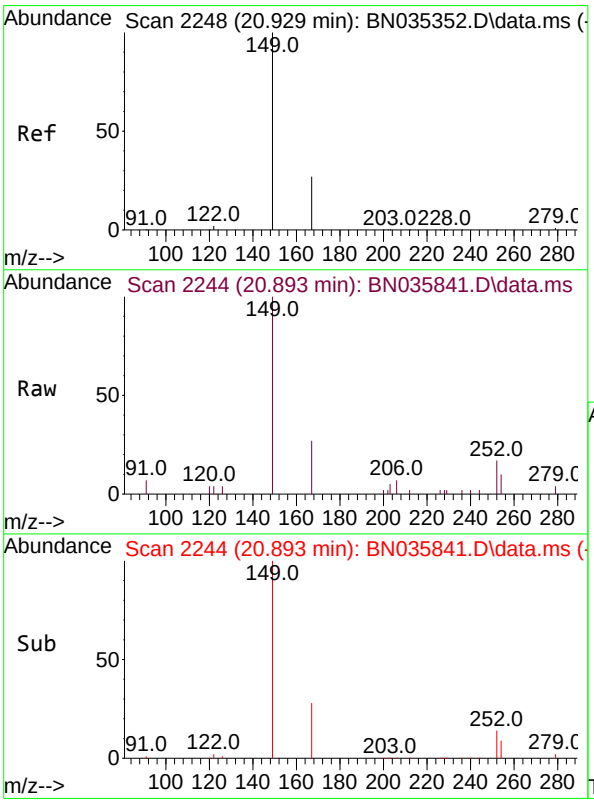
#33
Chrysene
Concen: 0.442 ng
RT: 20.983 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:228 Resp: 12065

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.1	15.9	23.9

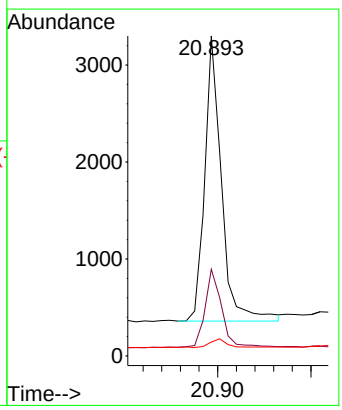


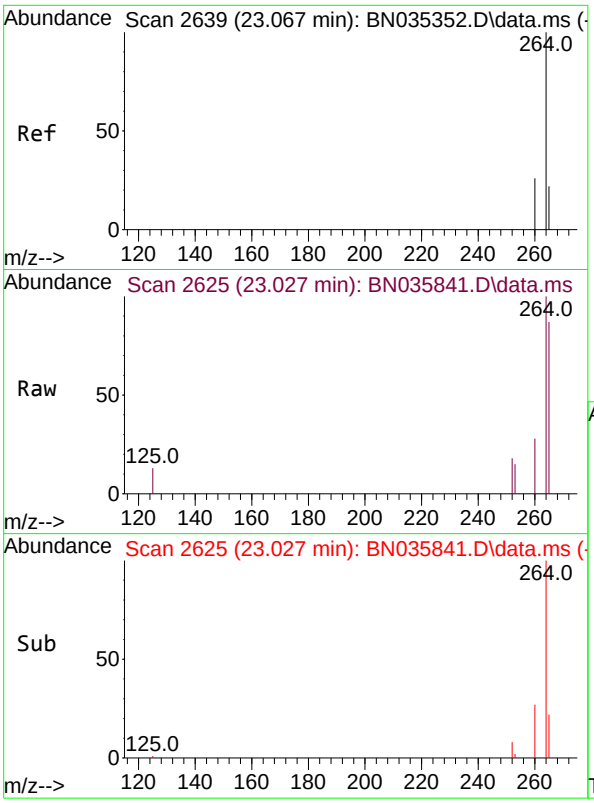


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 20.893 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:149 Resp: 3671

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.4
279	3.2	2.7	4.1



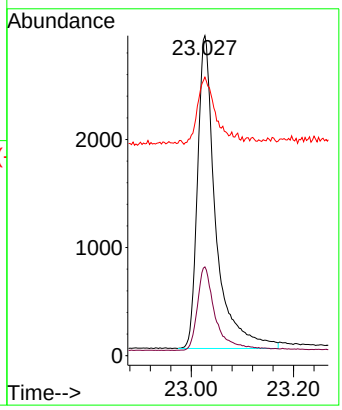


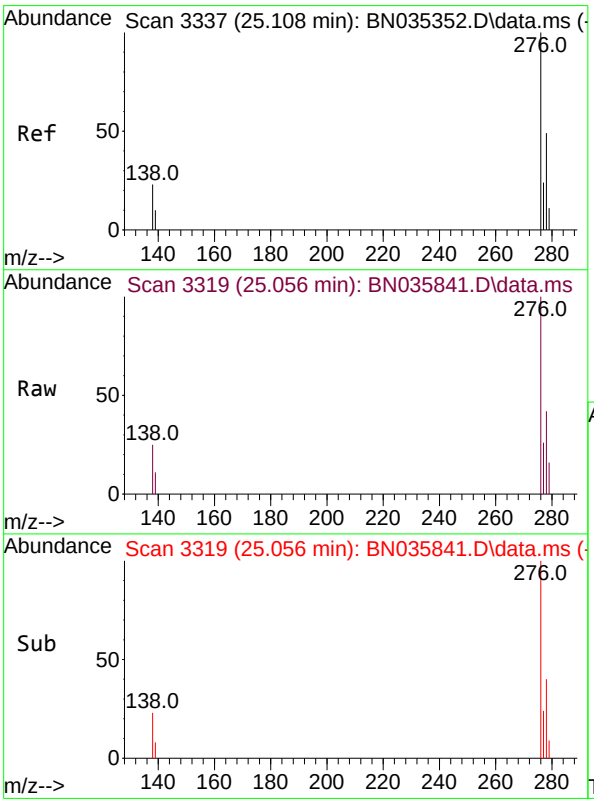
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:264 Resp: 7146

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.4	32.2
265	87.1	40.2	60.4#

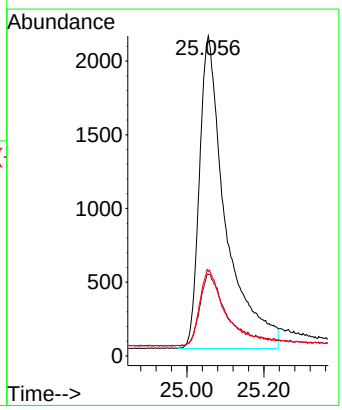


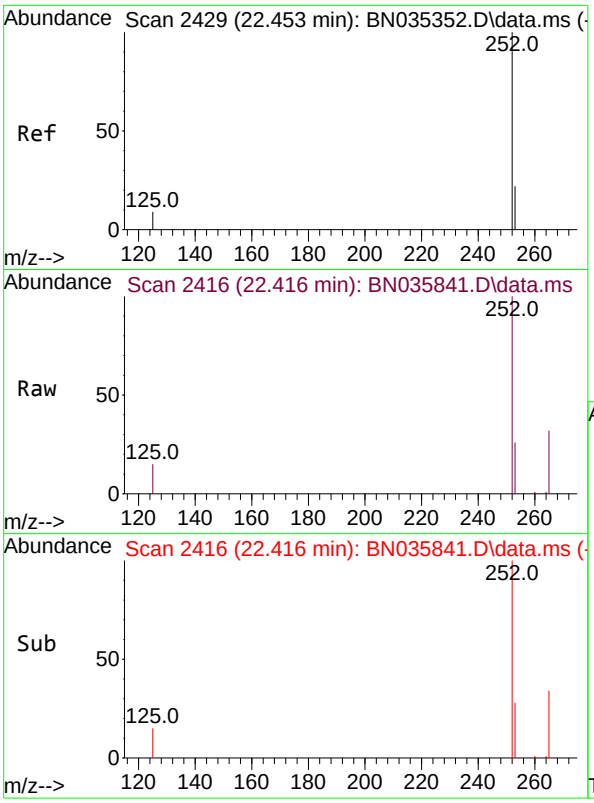


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 25.056 min Scan# 3319
Delta R.T. -0.012 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:276 Resp: 9983

Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.4	29.0
277	23.2	19.8	29.6



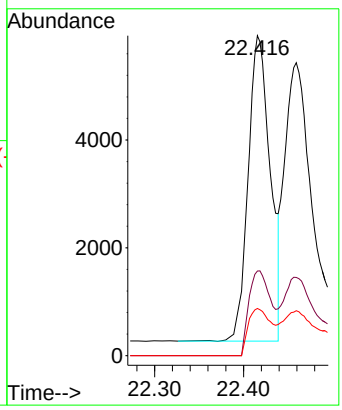


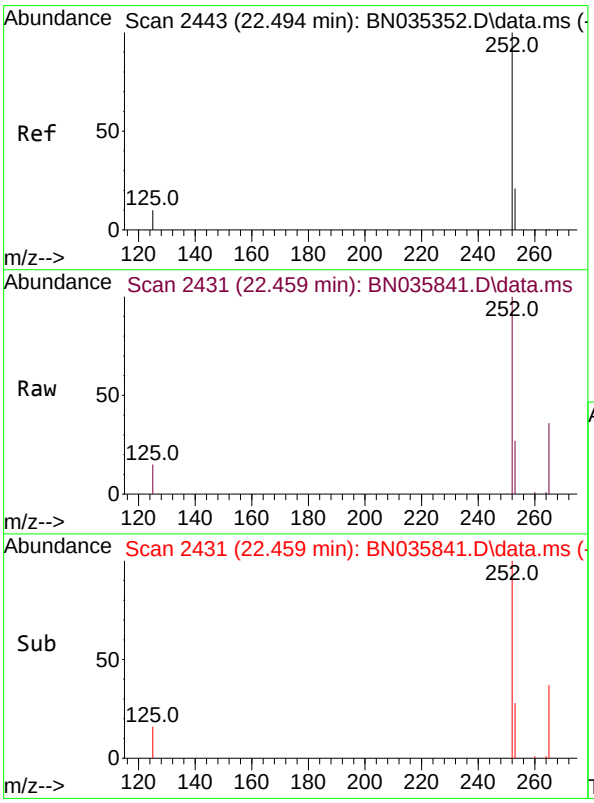
#37
Benzo(b)fluoranthene
Concen: 0.641 ng
RT: 22.416 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:252 Resp: 16764

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.6	29.4
125	14.8	9.6	14.4#

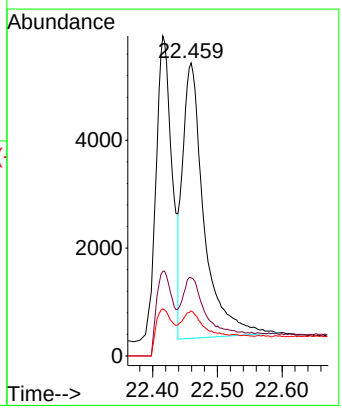


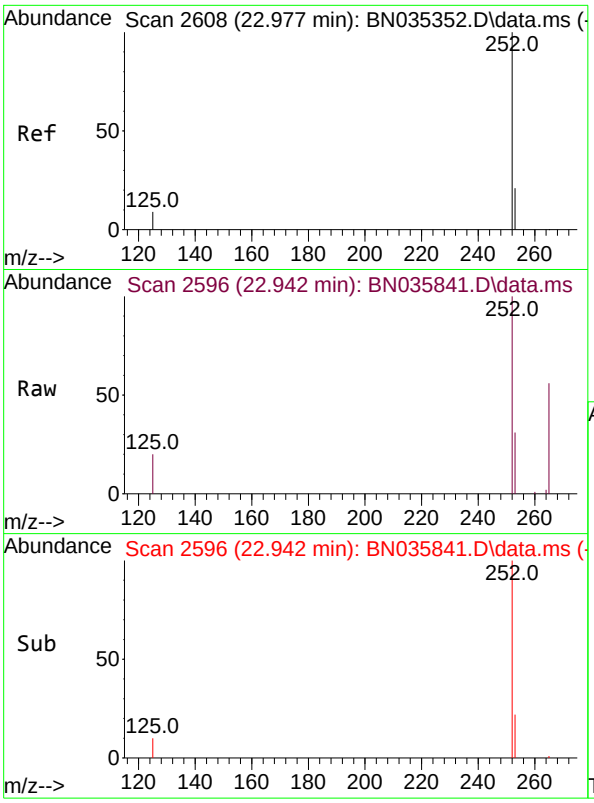


#38
Benzo(k)fluoranthene
Concen: 0.457 ng
RT: 22.459 min Scan# 2431
Delta R.T. -0.012 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:252 Resp: 11768

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.5	29.3
125	15.3	10.2	15.4



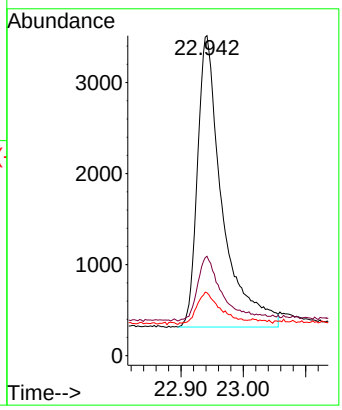


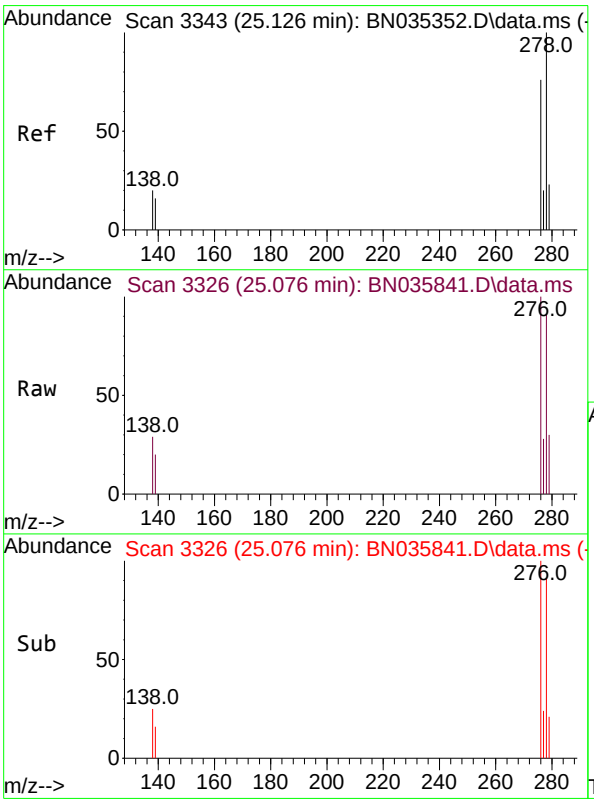
#39
Benzo(a)pyrene
Concen: 0.410 ng
RT: 22.942 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:252 Resp: 8831

Ion	Ratio	Lower	Upper
252	100		
253	31.0	20.2	30.4#
125	19.7	10.9	16.3#

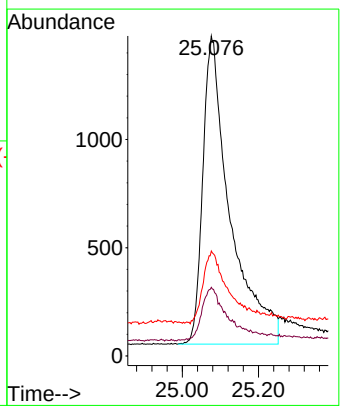


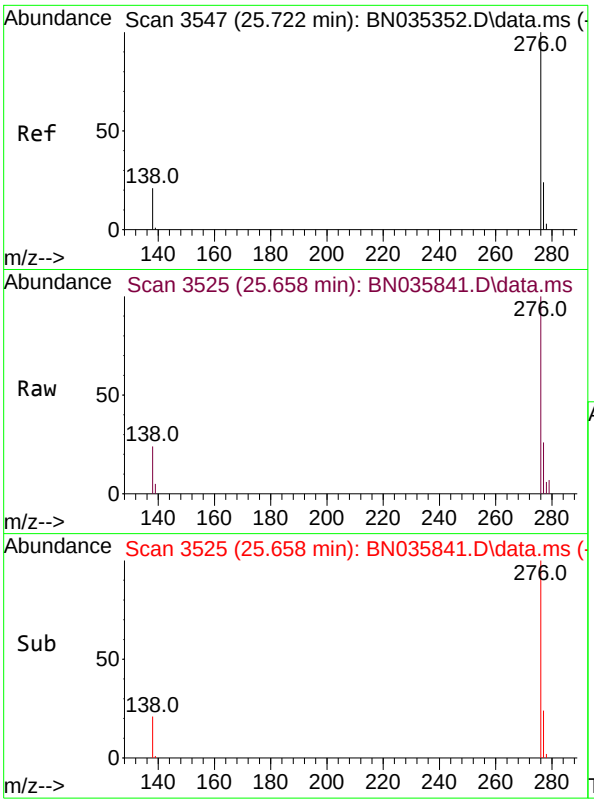


#40
Dibenzo(a,h)anthracene
Concen: 0.321 ng
RT: 25.076 min Scan# 3326
Delta R.T. -0.006 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Tgt Ion:278 Resp: 7070

Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.2	21.4#
279	32.8	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.383 ng
RT: 25.658 min Scan# 3
Delta R.T. -0.020 min
Lab File: BN035841.D
Acq: 25 Dec 2024 04:03

Instrument :
BNA_N
ClientSampleId :
PB165828BS

Tgt Ion:276 Resp: 8833

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.9	29.9
138	23.9	17.8	26.8