Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033057.D
Acq On : 28 Jul 2024 06:36
Operator : MA/JU
Sample : PB162236BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Quant Time: Jul 29 01:13:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	3193	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	11413	0.400	ng	# 0.02
13) Acenaphthene-d10	14.158	164	7782	0.400	ng	-0.02
19) Phenanthrene-d10	16.945	188	17027	0.400	ng	0.00
29) Chrysene-d12	21.152	240	14521	0.400	ng	-0.01
35) Perylene-d12	23.347	264	15008	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	2391	0.296	ng	0.06
5) Phenol-d6	6.867	99	3485	0.348	ng	0.09
8) Nitrobenzene-d5	8.824	82	3052	0.355	ng	0.09
11) 2-Methylnaphthalene-d10	11.927	152	6834	0.391	ng	0.01
14) 2,4,6-Tribromophenol	15.729	330	1028	0.309	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	10817	0.373	ng	0.00
27) Fluoranthene-d10	18.987	212	16768	0.381	ng	0.00
31) Terphenyl-d14	19.591	244	10807	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1754	0.443	ng	# 84
3) n-Nitrosodimethylamine	3.466	42	1357	0.406	ng	# 91
6) bis(2-Chloroethyl)ether	6.961	93	2386	0.285	ng	# 29
9) Naphthalene	10.372	128	12571	0.398	ng	99
10) Hexachlorobutadiene	10.565	225	2348	0.389	ng	# 100
12) 2-Methylnaphthalene	12.007	142	7672	0.371	ng	97
16) Acenaphthylene	13.891	152	11963	0.378	ng	99
17) Acenaphthene	14.222	154	8879	0.396	ng	99
18) Fluorene	15.238	166	11851	0.395	ng	99
20) 4,6-Dinitro-2-methylph...	15.542	198	162	0.337	ng	# 1
21) 4-Bromophenyl-phenylether	16.138	248	3636	0.363	ng	98
22) Hexachlorobenzene	16.237	284	3911	0.349	ng	91
23) Atrazine	16.436	200	2686	0.365	ng	96
24) Pentachlorophenol	16.647	266	923	0.222	ng	98
25) Phenanthrene	16.982	178	17139	0.368	ng	99
26) Anthracene	17.094	178	11421	0.298	ng	99
28) Fluoranthene	19.015	202	21467	0.381	ng	100
30) Pyrene	19.387	202	22440	0.378	ng	99
32) Benzo(a)anthracene	21.143	228	15233	0.332	ng	99
33) Chrysene	21.196	228	23285	0.427	ng	99
34) Bis(2-ethylhexyl)phtha...	21.026	149	14053	0.553	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.560	276	20743	0.351	ng	98
37) Benzo(b)fluoranthene	22.689	252	18534	0.355	ng	96
38) Benzo(k)fluoranthene	22.733	252	23046	0.386	ng	96
39) Benzo(a)pyrene	23.265	252	17067	0.362	ng	96
40) Dibenzo(a,h)anthracene	25.566	278	16145	0.346	ng	99
41) Benzo(g,h,i)perylene	26.232	276	19066	0.368	ng	97

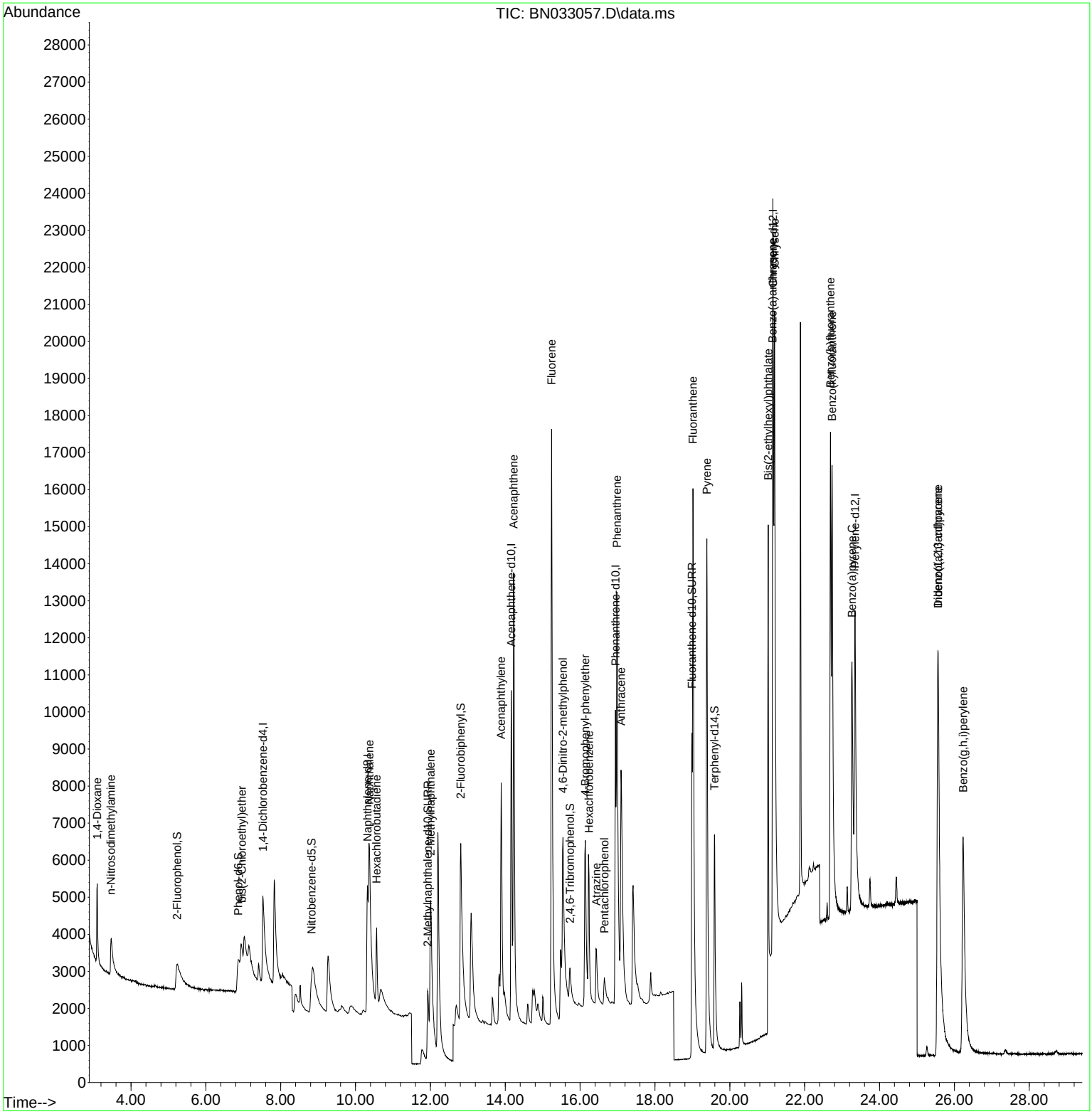
(#) = qualifier out of range (m) = manual integration (+) = signals summed

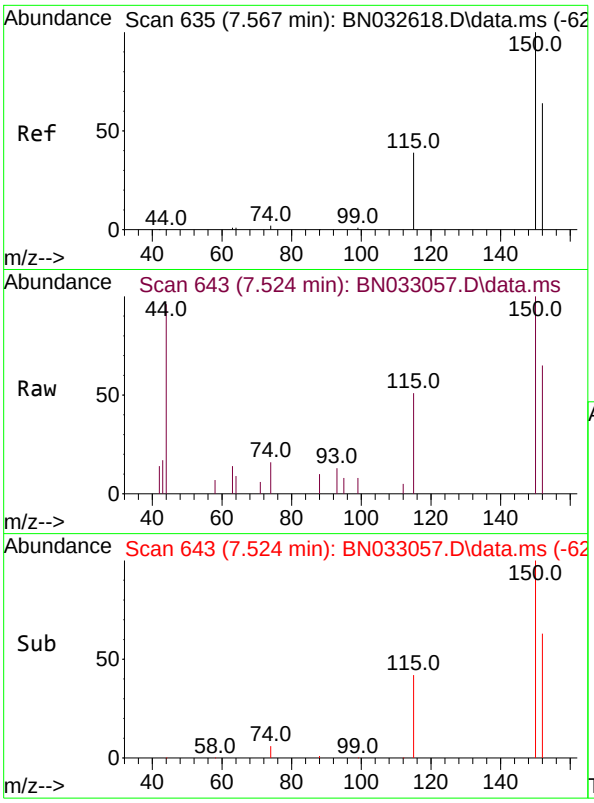
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033057.D
Acq On : 28 Jul 2024 06:36
Operator : MA/JU
Sample : PB162236BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Quant Time: Jul 29 01:13:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration



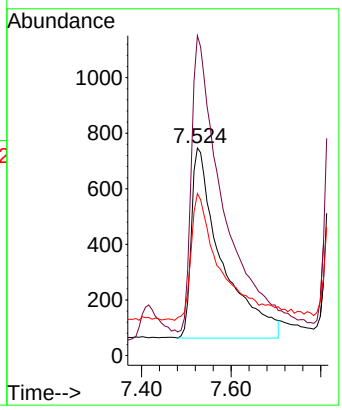


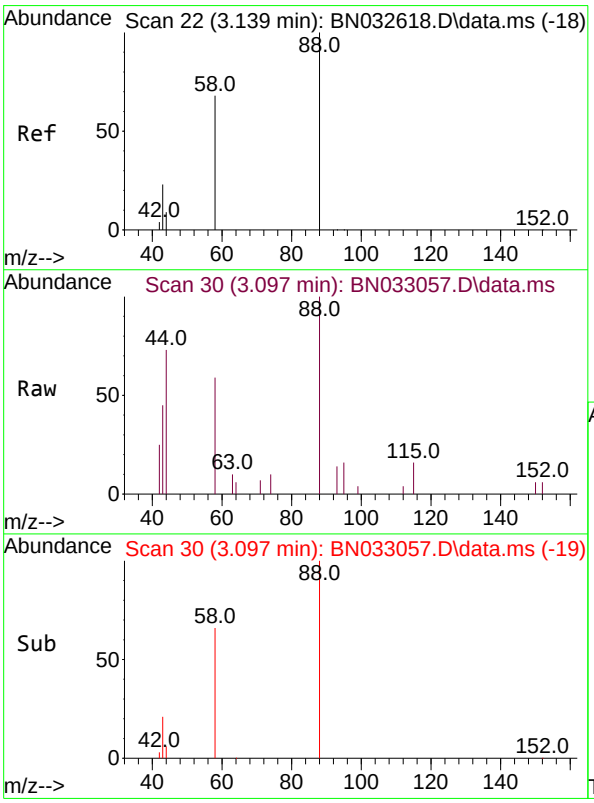
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.524 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:152 Resp: 3193

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.8	185.6
115	78.0	52.8	79.2

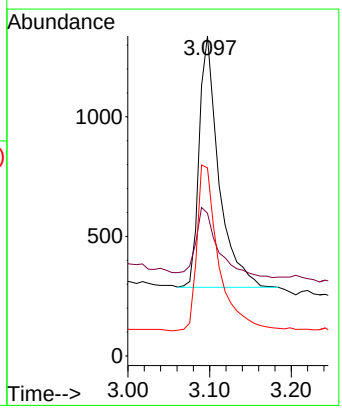


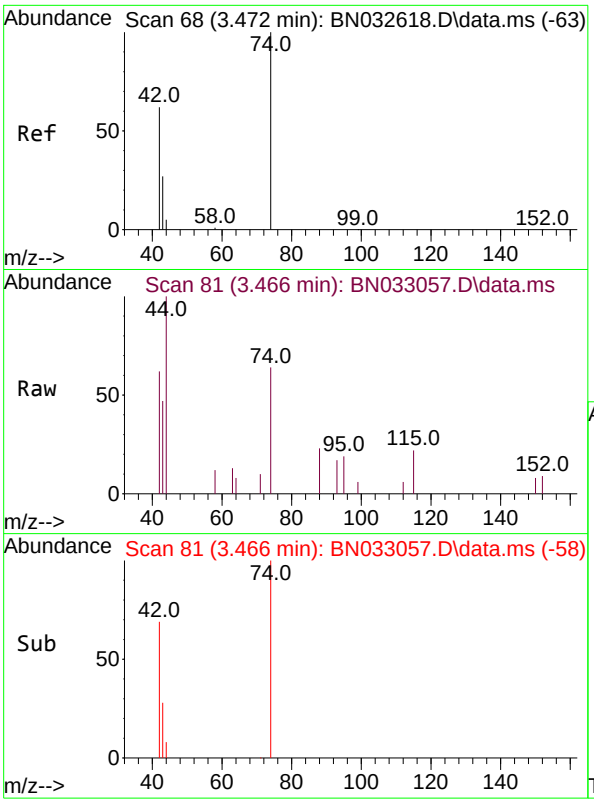


#2
1,4-Dioxane
Concen: 0.443 ng
RT: 3.097 min Scan# 30
Delta R.T. -0.020 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion: 88 Resp: 1754

Ion	Ratio	Lower	Upper
88	100		
43	32.0	18.4	27.6#
58	73.4	49.2	73.8



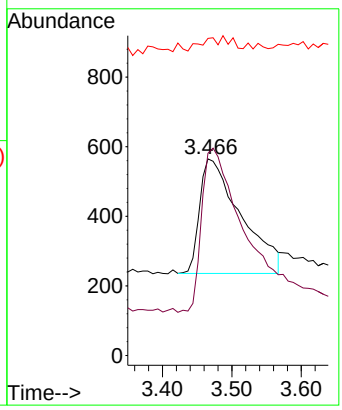


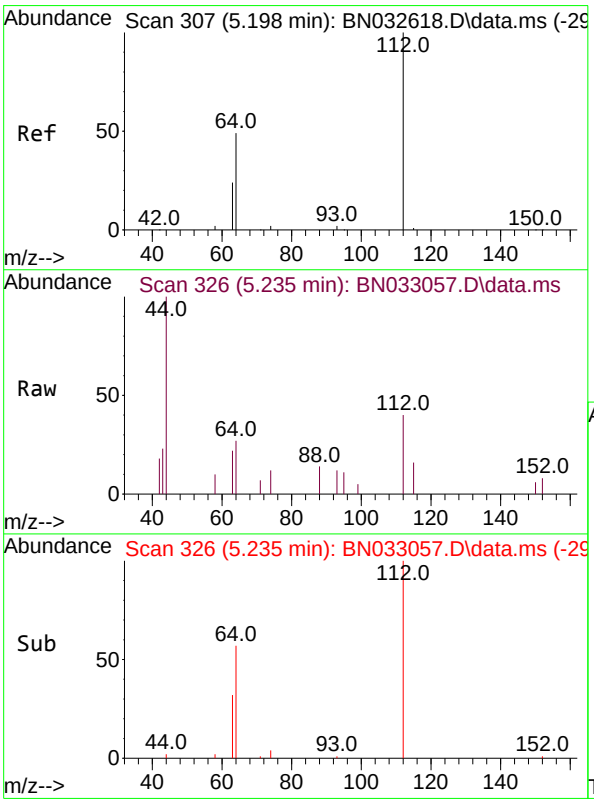
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.466 min Scan# 8
Delta R.T. 0.016 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion: 42 Resp: 1357

Ion	Ratio	Lower	Upper
42	100		
74	146.1	126.9	190.3
44	4.8	4.8	7.2#

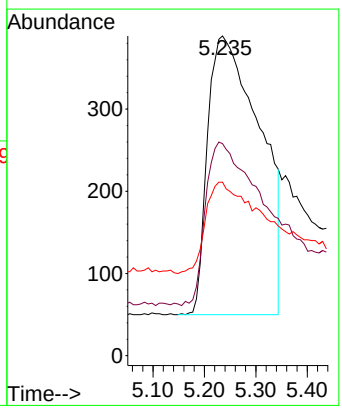


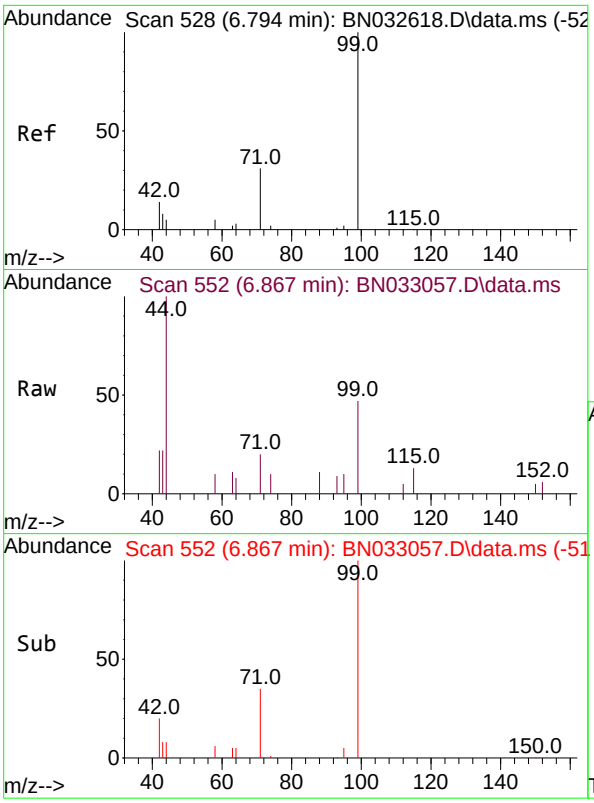


#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.235 min Scan# 326
Delta R.T. 0.059 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:112 Resp: 2391

Ion	Ratio	Lower	Upper
112	100		
64	60.0	40.2	60.4
63	33.4	22.2	33.4#



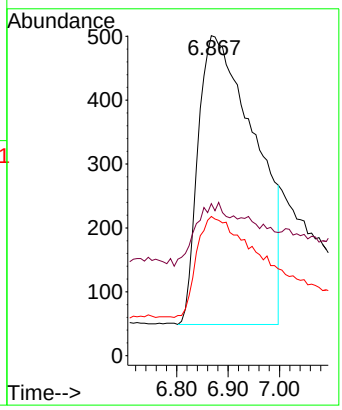


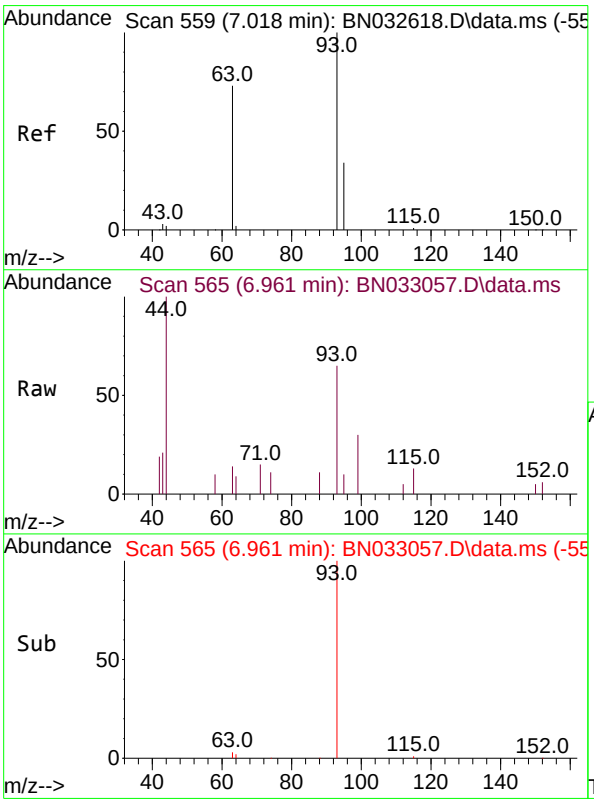
#5
Phenol-d6
Concen: 0.348 ng
RT: 6.867 min Scan# 5
Delta R.T. 0.088 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion: 99 Resp: 3485

Ion	Ratio	Lower	Upper
99	100		
42	19.2	10.5	15.7#
71	35.7	22.3	33.5#

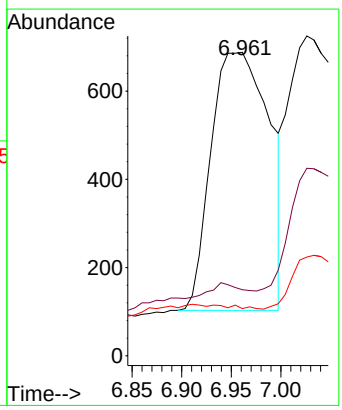


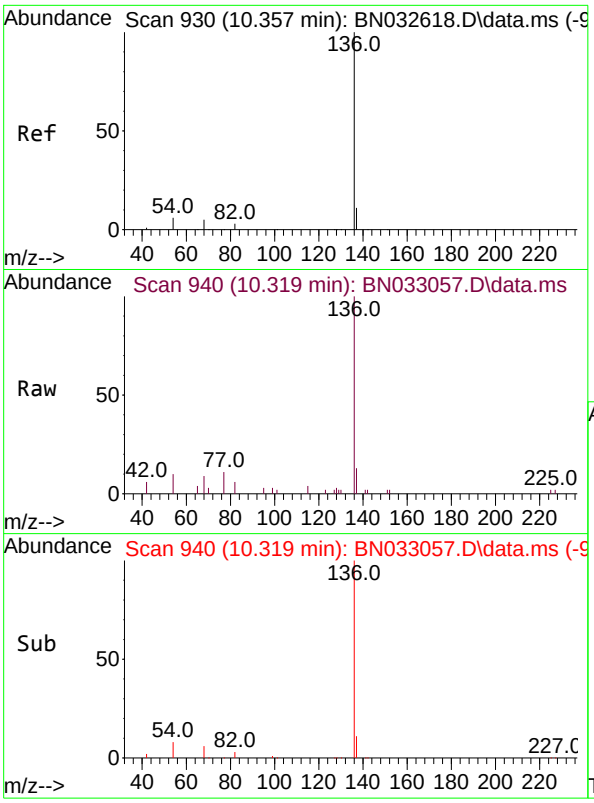


#6
bis(2-Chloroethyl)ether
Concen: 0.285 ng
RT: 6.961 min Scan# 565
Delta R.T. -0.028 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion: 93 Resp: 2386

Ion	Ratio	Lower	Upper
93	100		
63	0.0	46.4	69.6#
95	0.0	25.5	38.3#



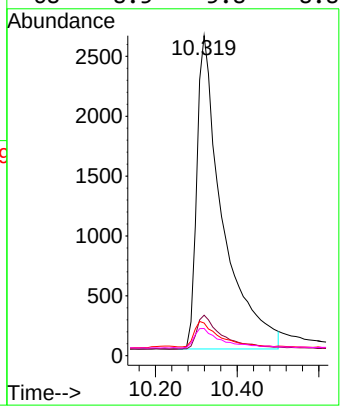


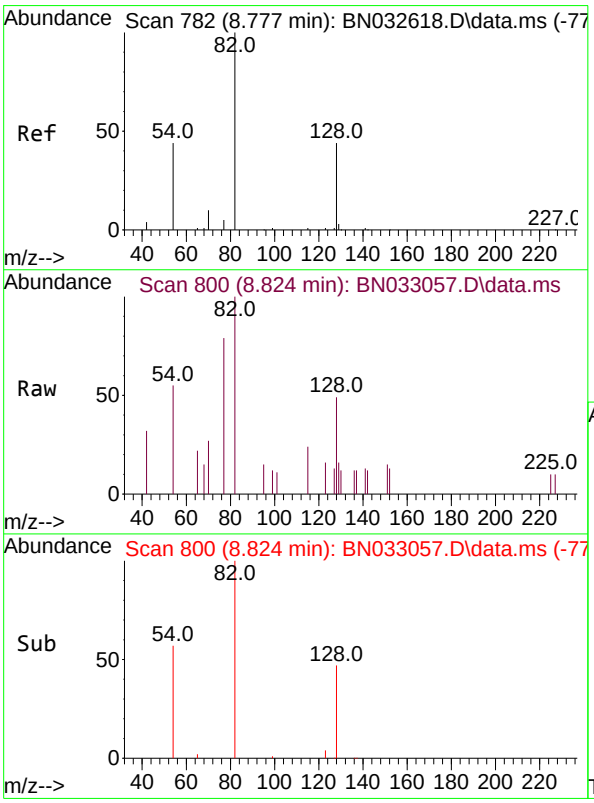
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.319 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:136 Resp: 11413

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.9	14.9
54	10.2	6.5	9.7#
68	8.5	5.8	8.8

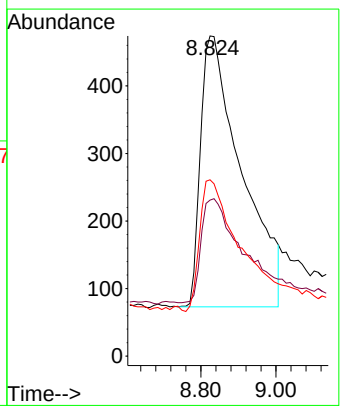


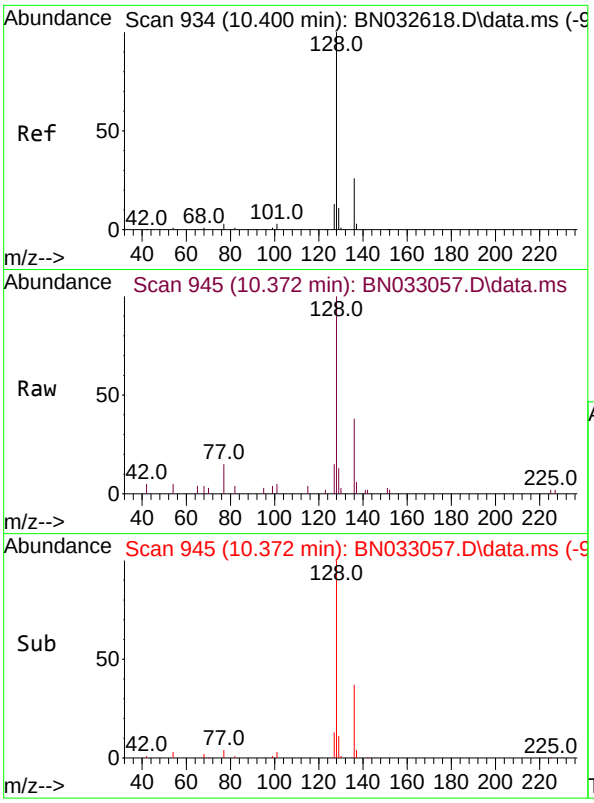


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.824 min Scan# 800
Delta R.T. 0.090 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion: 82 Resp: 3052

Ion	Ratio	Lower	Upper
82	100		
128	48.7	41.7	62.5
54	55.1	39.5	59.3



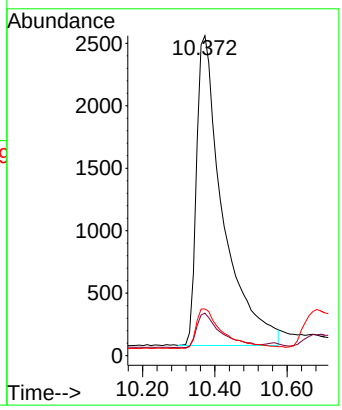


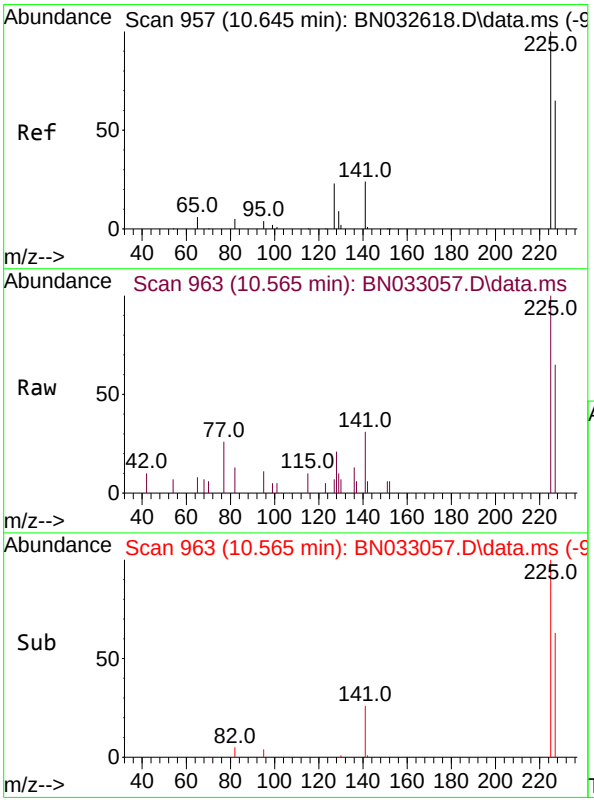
#9
Naphthalene
Concen: 0.398 ng
RT: 10.372 min Scan# 94
Delta R.T. 0.015 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:128 Resp: 12571

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.8	14.8
127	14.6	11.5	17.3

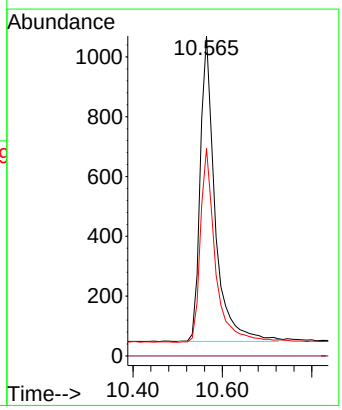


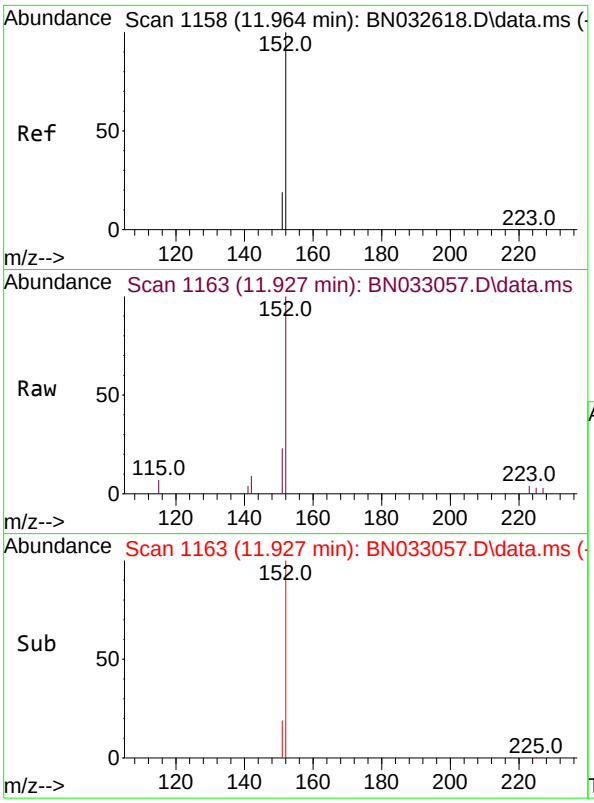


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.565 min Scan# 963
Delta R.T. -0.038 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:225 Resp: 2348

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.3	76.9



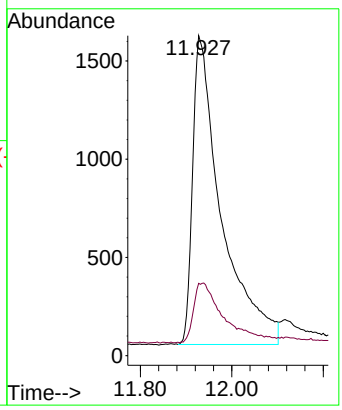


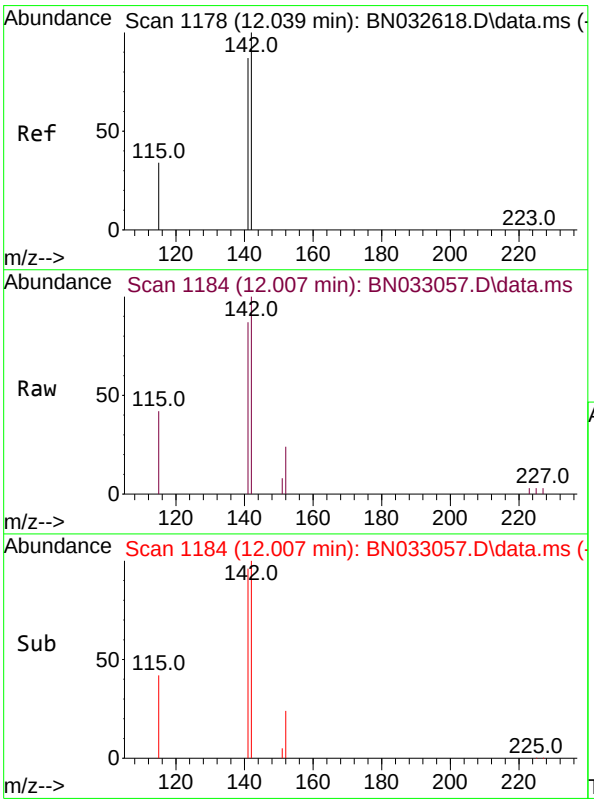
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.927 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:152 Resp: 6834

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2

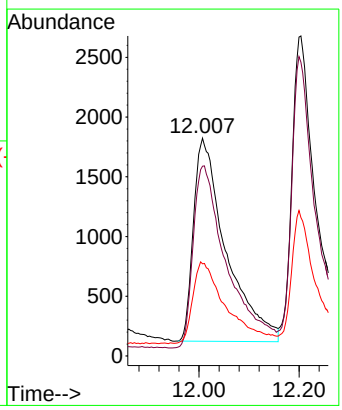


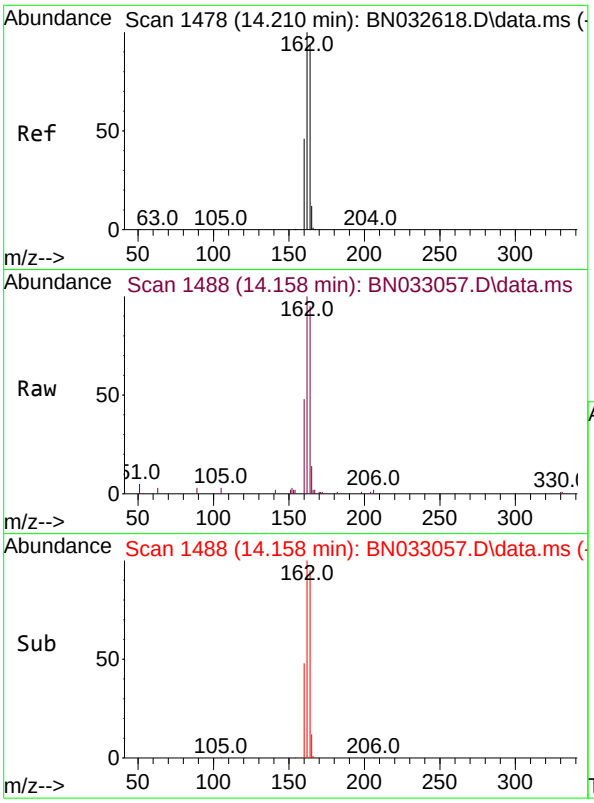


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.007 min Scan# 1184
Delta R.T. 0.017 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:142 Resp: 7672

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.3	103.9
115	42.3	29.5	44.3



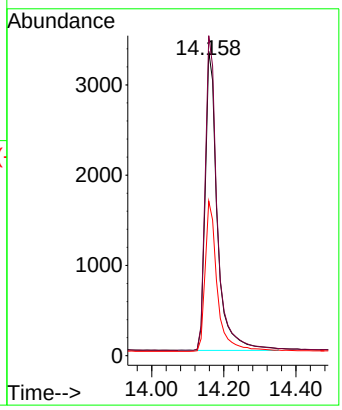


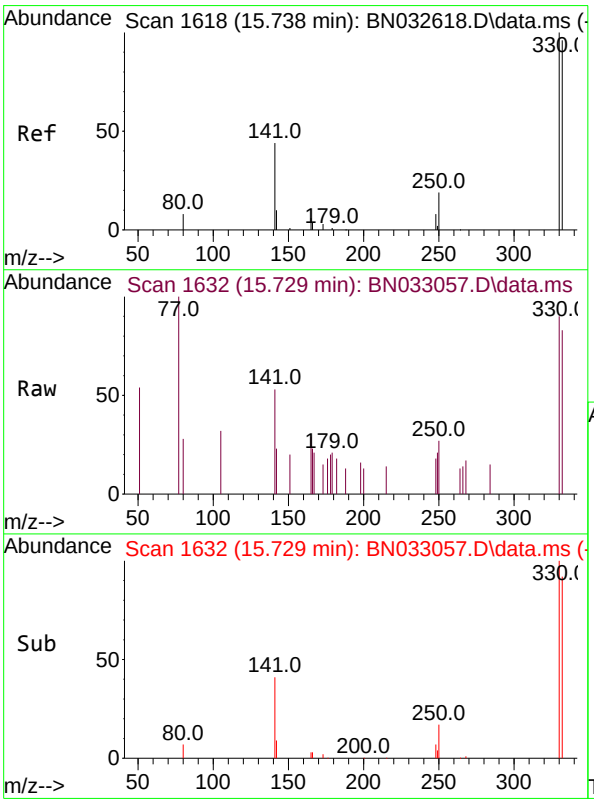
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.158 min Scan# 14
Delta R.T. -0.020 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:164 Resp: 7782

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.0	127.4
160	50.8	39.4	59.2

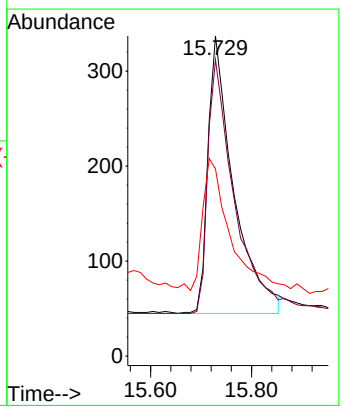


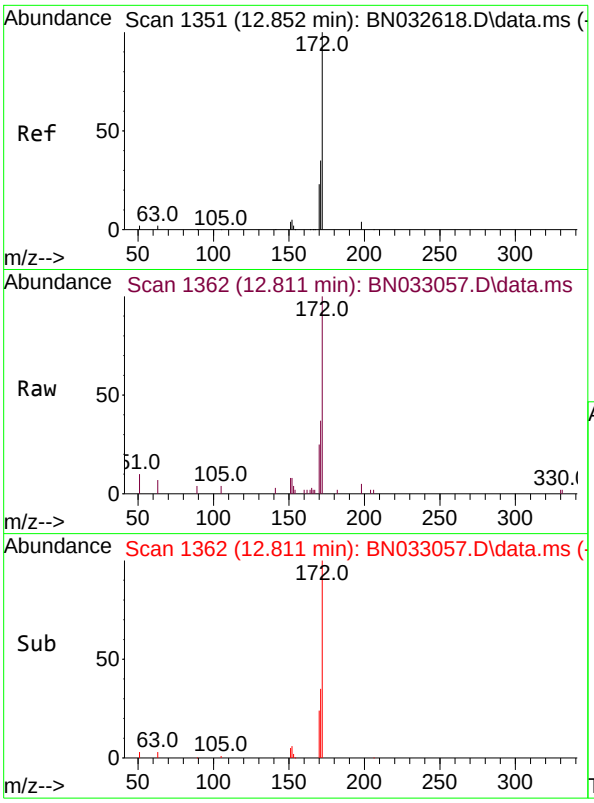


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.729 min Scan# 1632
Delta R.T. 0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:330 Resp: 1028

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.8	116.8
141	47.0	34.2	51.2



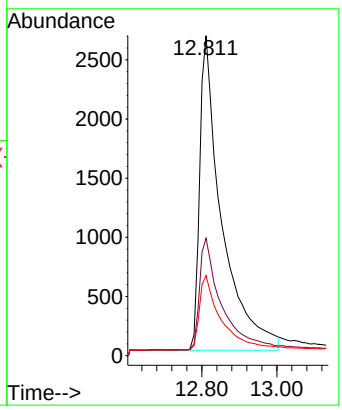


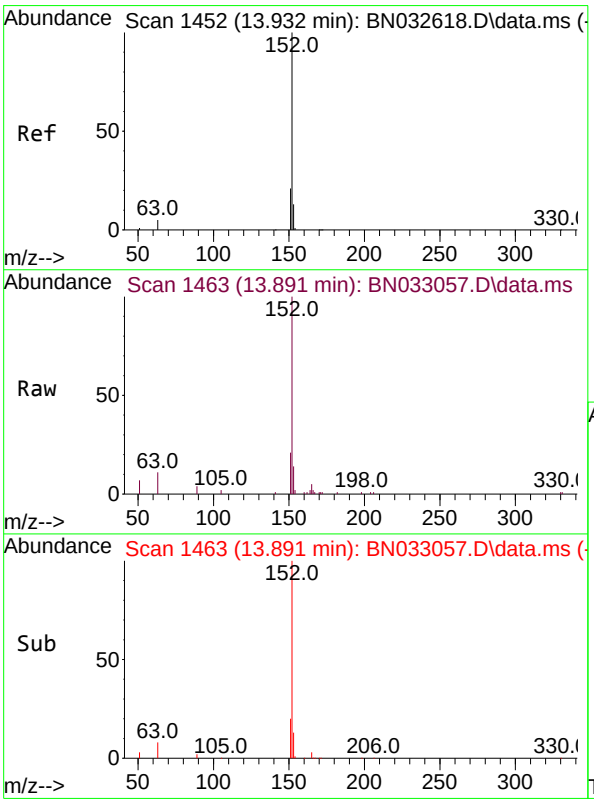
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.811 min Scan# 1
Delta R.T. 0.002 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:172 Resp: 10817

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	25.0	19.0	28.6

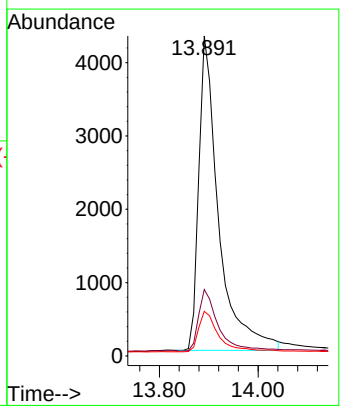


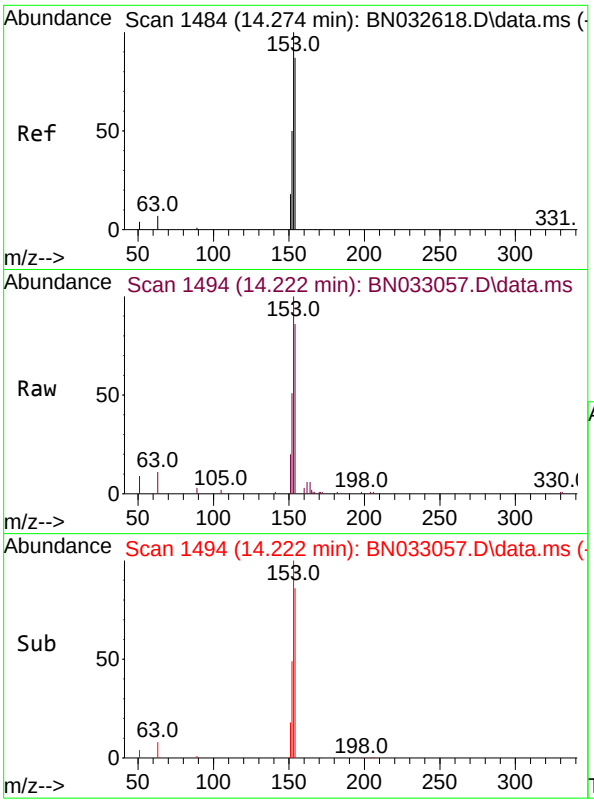


#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.891 min Scan# 1463
Delta R.T. -0.009 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:152 Resp: 11963

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.1	10.6	15.8



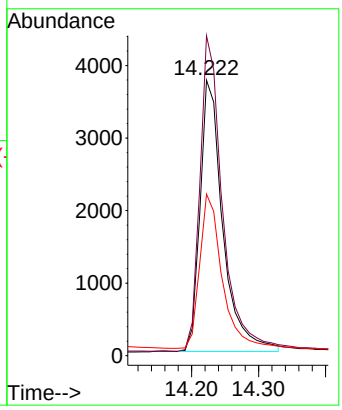


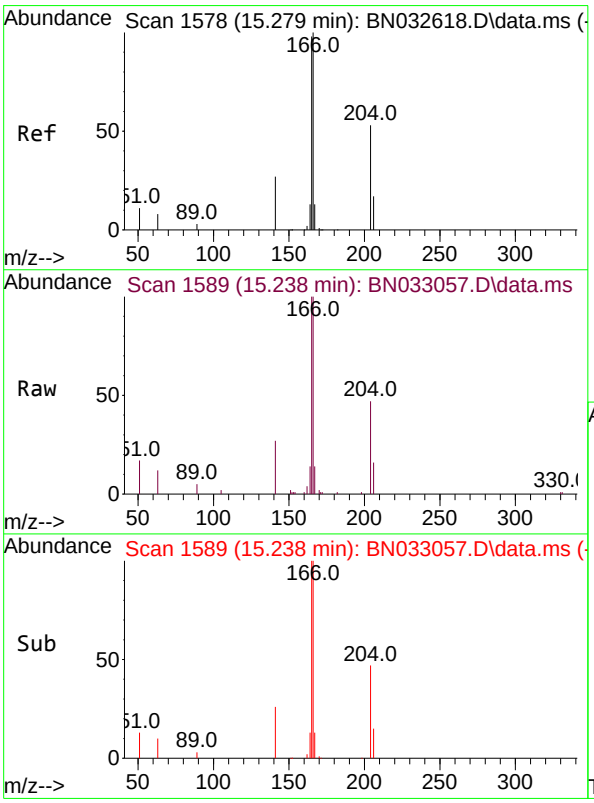
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.222 min Scan# 14
Delta R.T. -0.020 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:154 Resp: 8879

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.8	137.8
152	55.6	45.2	67.8

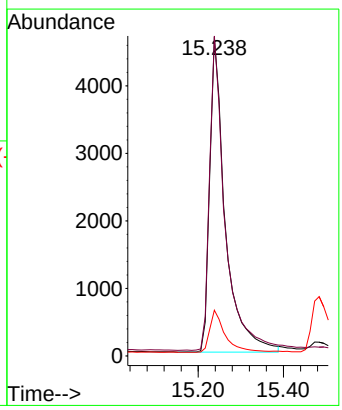


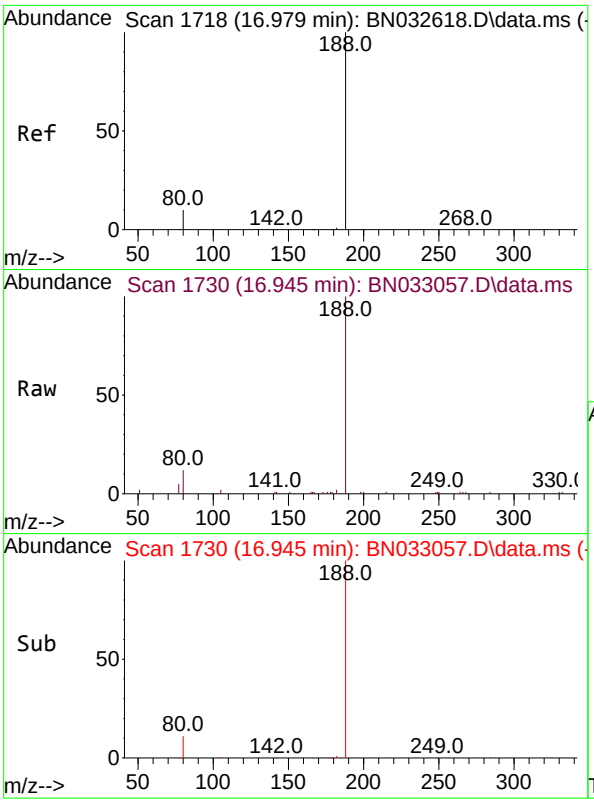


#18
Fluorene
Concen: 0.395 ng
RT: 15.238 min Scan# 1589
Delta R.T. -0.009 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:166 Resp: 11851

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.0	117.0
167	13.3	10.7	16.1



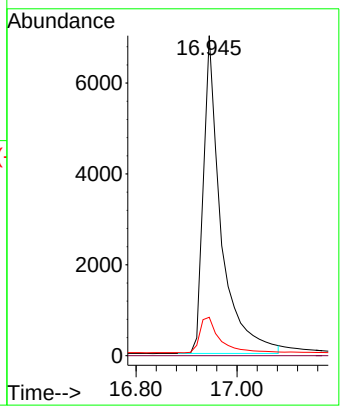


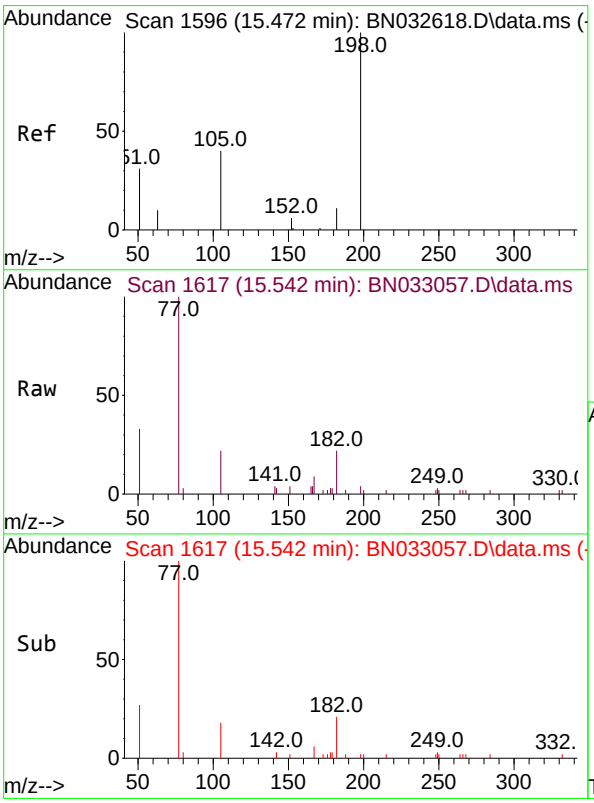
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.945 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:188 Resp: 17027

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.0	8.8	13.2

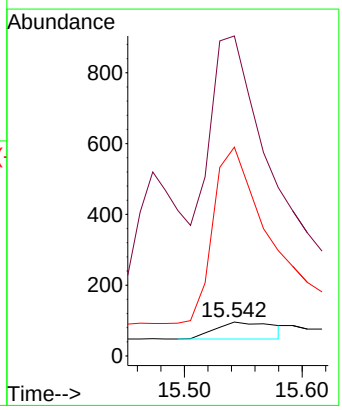


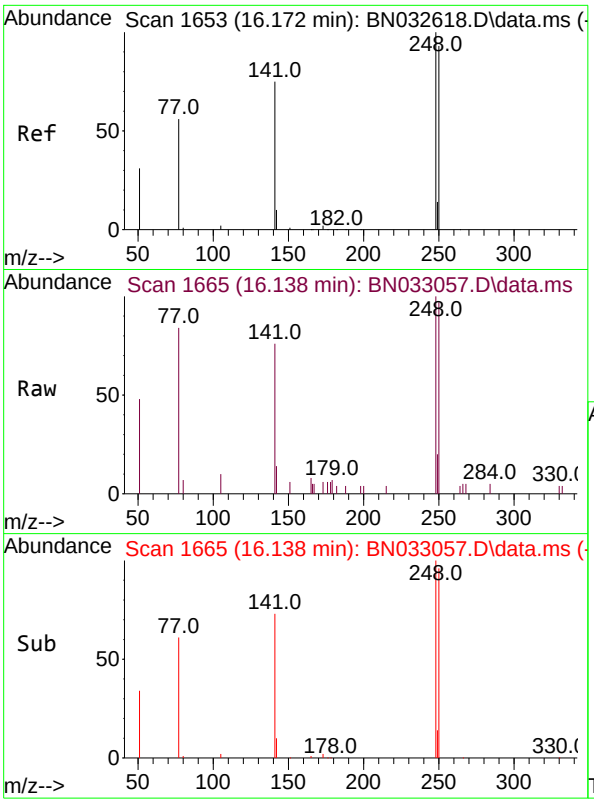


#20
4,6-Dinitro-2-methylphenol
Concen: 0.337 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.070 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:198 Resp: 162

Ion	Ratio	Lower	Upper
198	100		
51	941.7	105.7	158.5#
105	614.6	63.0	94.6#



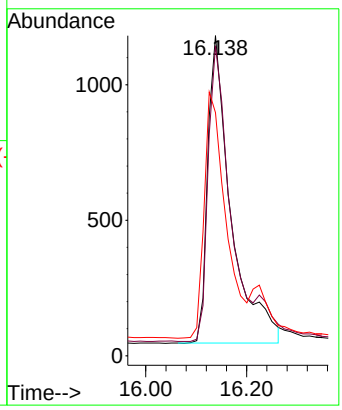


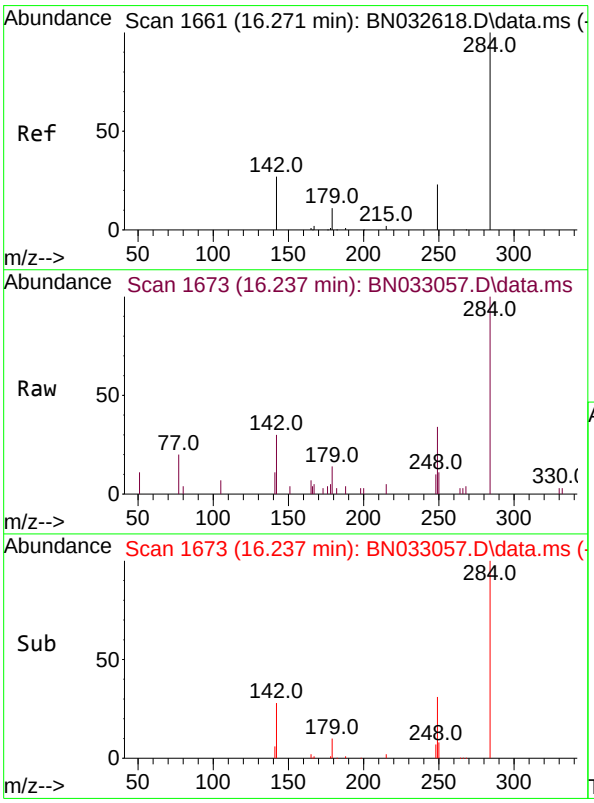
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.138 min Scan# 1(
Delta R.T. 0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:248 Resp: 3636

Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.1	112.7
141	76.0	62.0	93.0

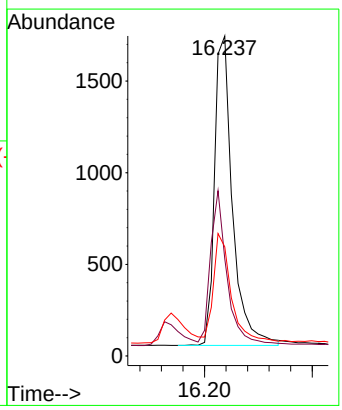


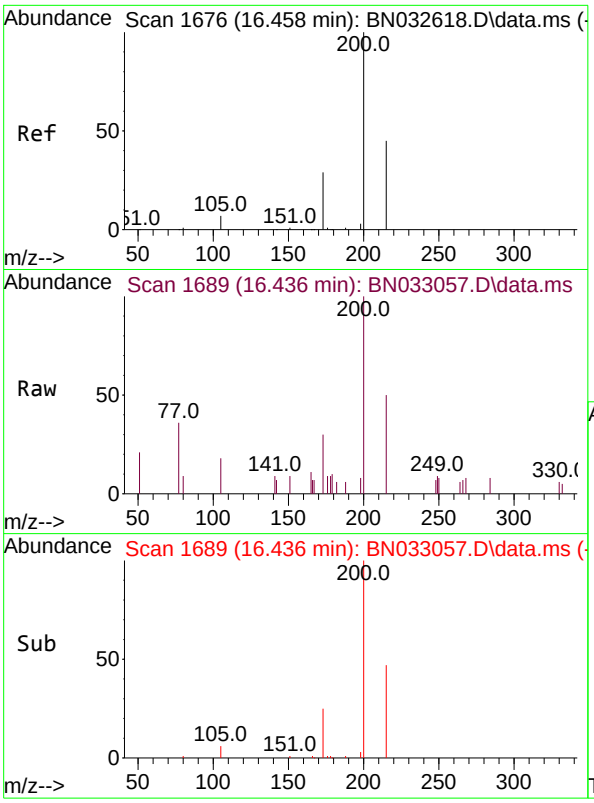


#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.237 min Scan# 1673
Delta R.T. -0.009 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:284 Resp: 3911

Ion	Ratio	Lower	Upper
284	100		
142	43.5	29.4	44.0
249	33.6	24.6	36.8



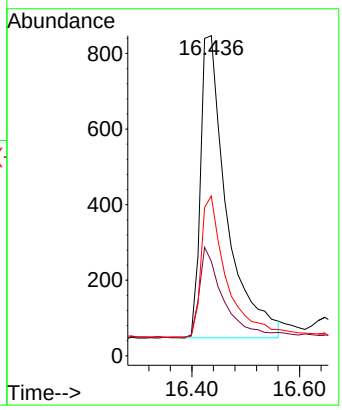


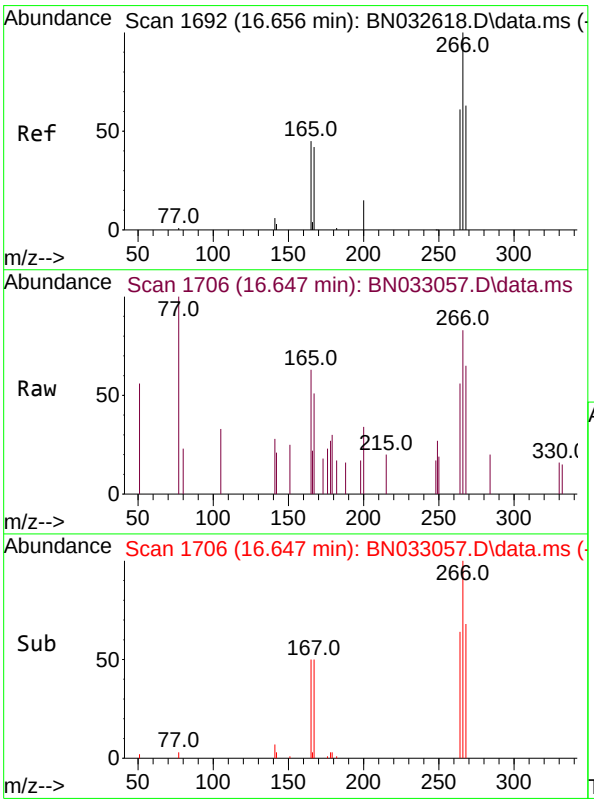
#23
Atrazine
Concen: 0.365 ng
RT: 16.436 min Scan# 1
Delta R.T. 0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:200 Resp: 2686

Ion	Ratio	Lower	Upper
200	100		
173	29.5	25.4	38.2
215	49.9	38.2	57.2

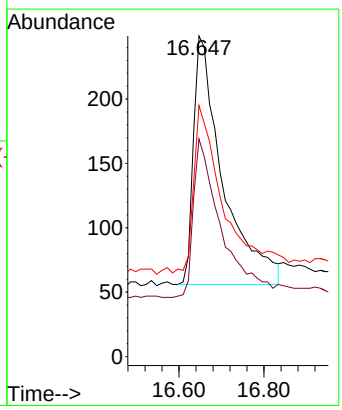


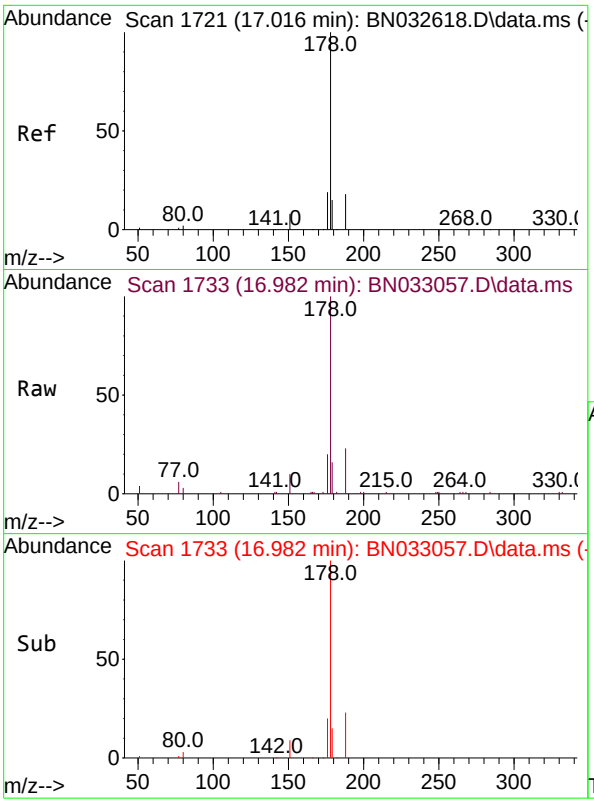


#24
Pentachlorophenol
Concen: 0.222 ng
RT: 16.647 min Scan# 1706
Delta R.T. 0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:266 Resp: 923

Ion	Ratio	Lower	Upper
266	100		
264	60.9	50.2	75.2
268	67.4	52.8	79.2



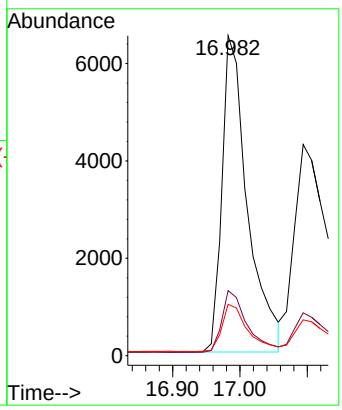


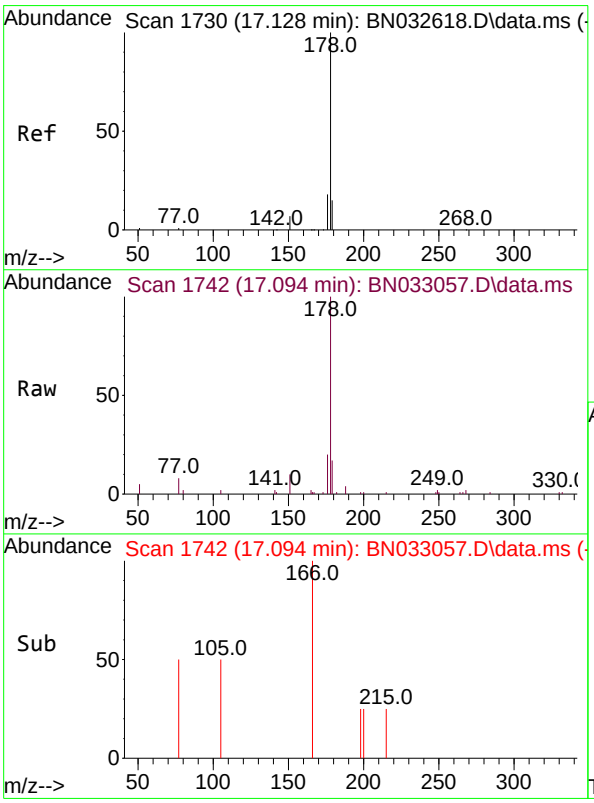
#25
Phenanthrene
Concen: 0.368 ng
RT: 16.982 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:178 Resp: 17139

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.1	12.2	18.4

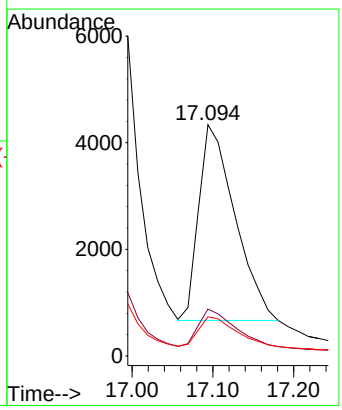


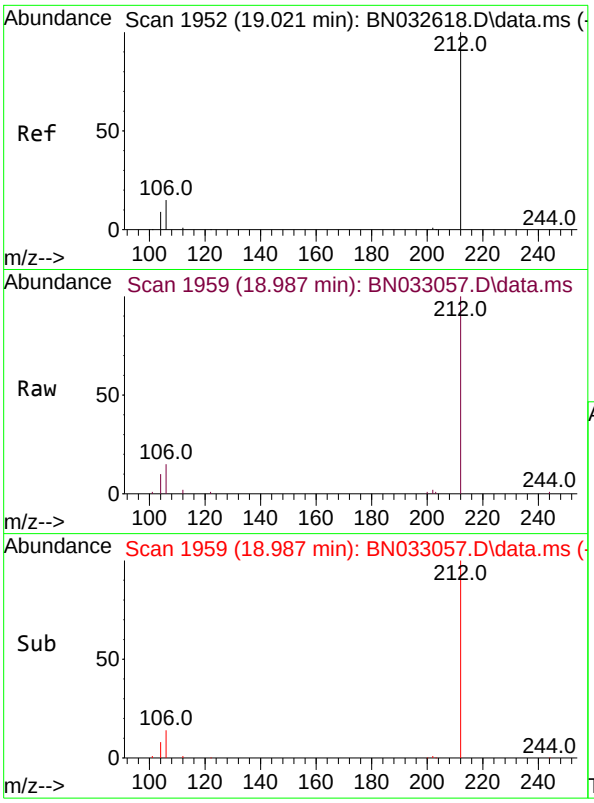


#26
Anthracene
Concen: 0.298 ng
RT: 17.094 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:178 Resp: 11421

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	11.8	17.8



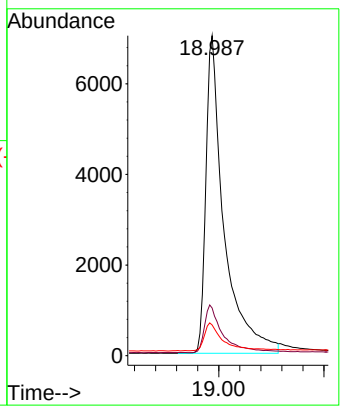


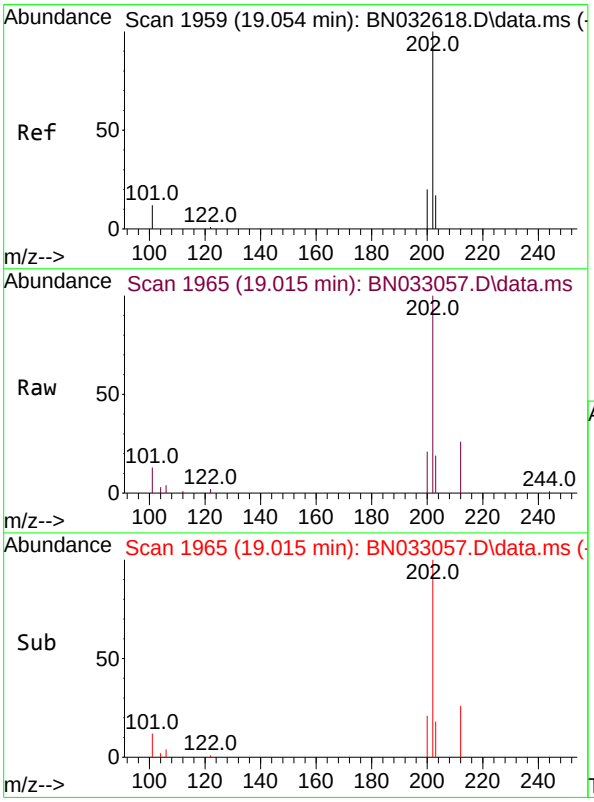
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 18.987 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:212 Resp: 16768

Ion	Ratio	Lower	Upper
212	100		
106	15.2	11.9	17.9
104	9.1	6.9	10.3

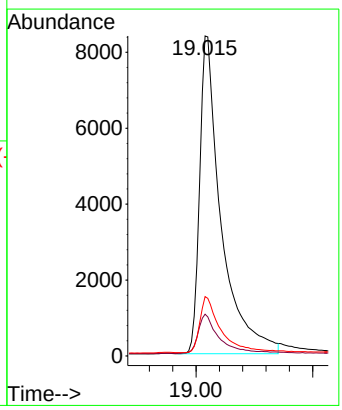


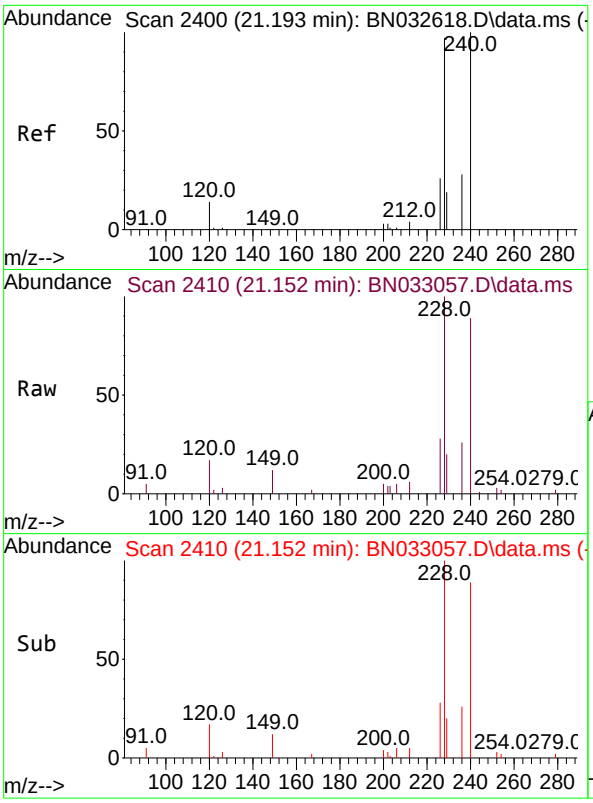


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.015 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:202 Resp: 21467

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	17.2	13.8	20.6



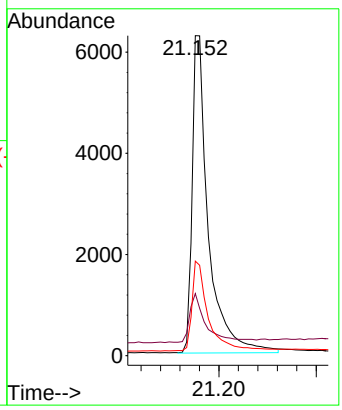


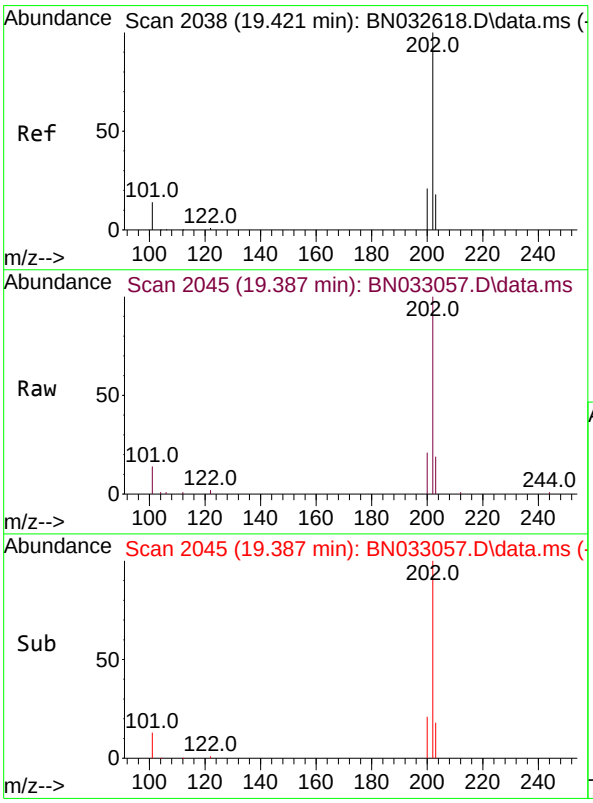
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.152 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:240 Resp: 14521

Ion	Ratio	Lower	Upper
240	100		
120	19.4	14.8	22.2
236	29.5	23.3	34.9

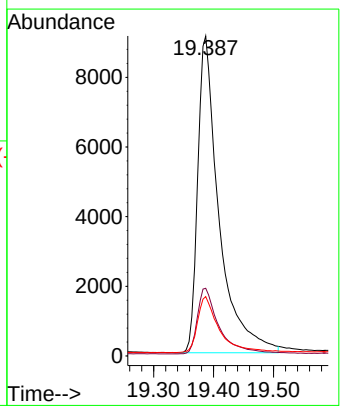


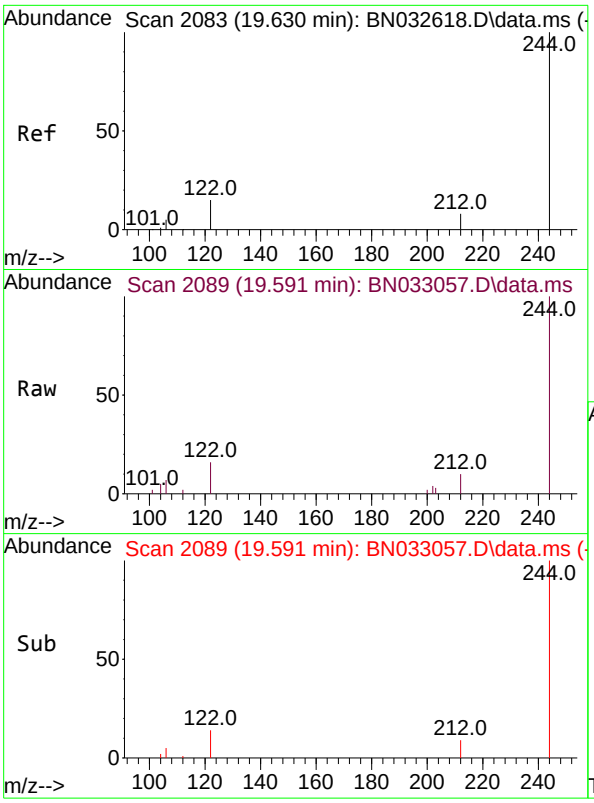


#30
Pyrene
Concen: 0.378 ng
RT: 19.387 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:202 Resp: 22440

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.1	14.8	22.2



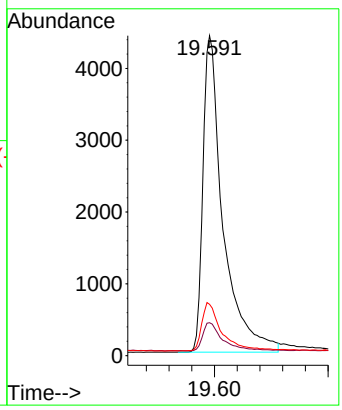


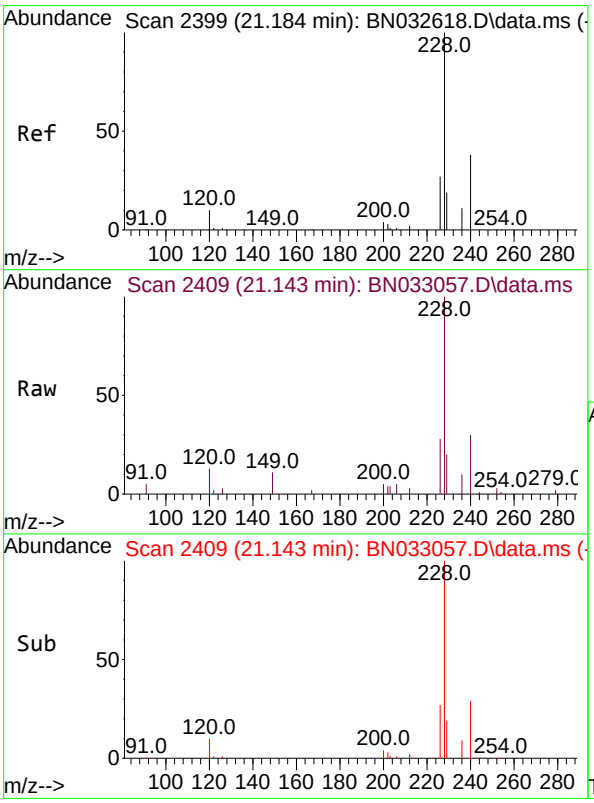
#31
Terphenyl-d14
Concen: 0.363 ng
RT: 19.591 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:244 Resp: 10807

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.5	11.3
122	16.0	12.6	19.0

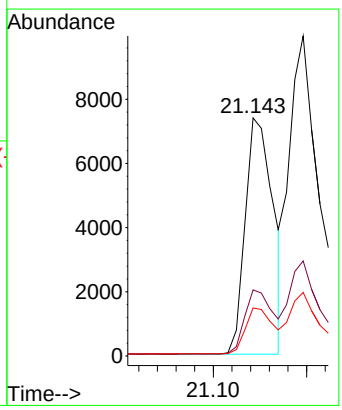


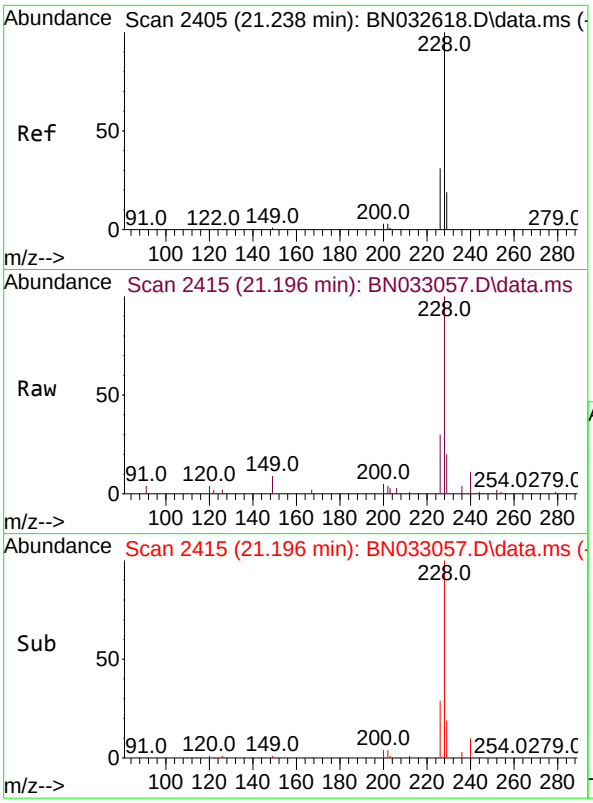


#32
Benzo(a)anthracene
Concen: 0.332 ng
RT: 21.143 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:228 Resp: 15233

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.2	16.0	24.0



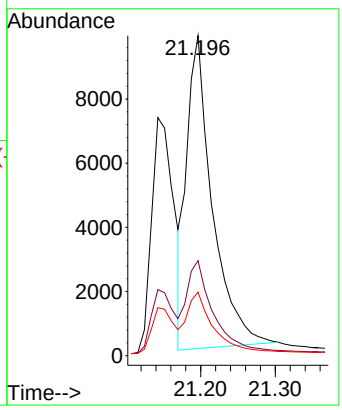


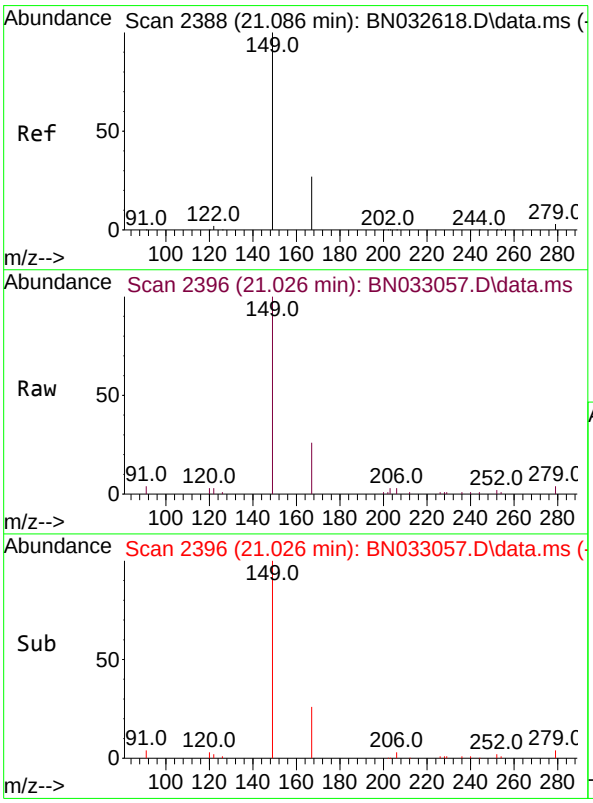
#33
Chrysene
Concen: 0.427 ng
RT: 21.196 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:228 Resp: 23285

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.9	16.0	24.0

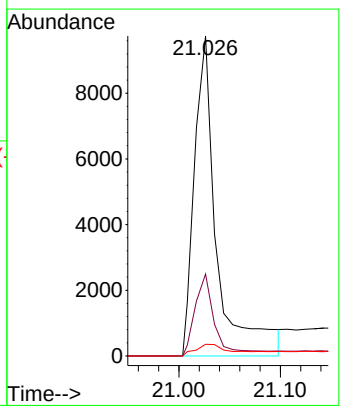


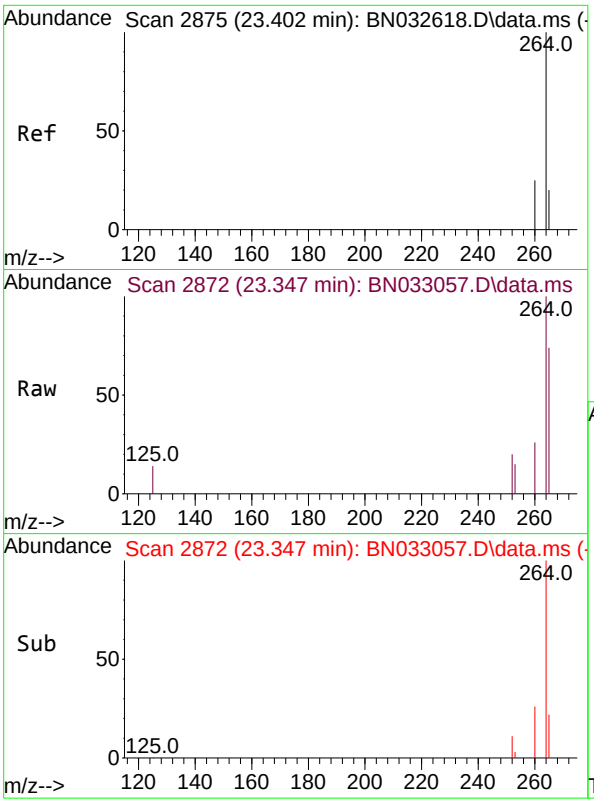


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.553 ng
RT: 21.026 min Scan# 2396
Delta R.T. -0.024 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:149 Resp: 14053

Ion	Ratio	Lower	Upper
149	100		
167	24.3	21.4	32.2
279	6.5	2.8	4.2#



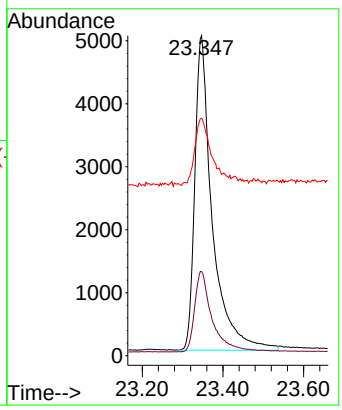


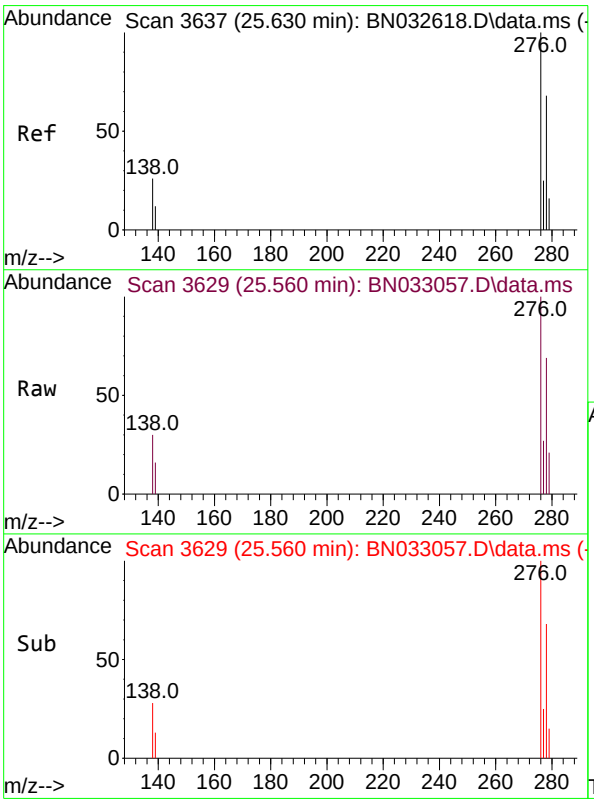
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.347 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:264 Resp: 15008

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	74.2	85.4	128.2#

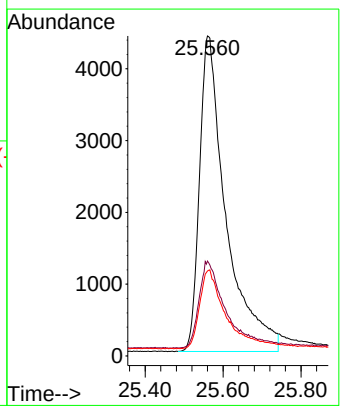


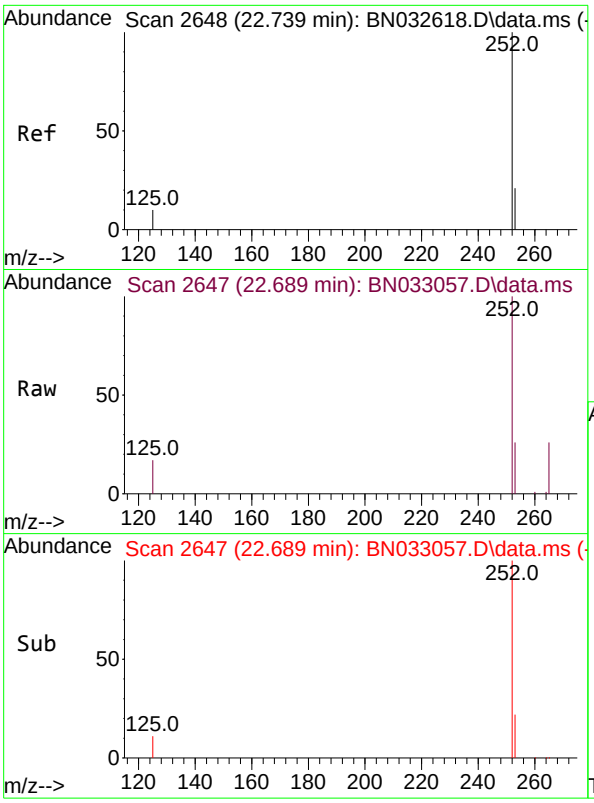


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng
RT: 25.560 min Scan# 3629
Delta R.T. -0.009 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:276 Resp: 20743

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.0	31.4
277	23.8	19.5	29.3



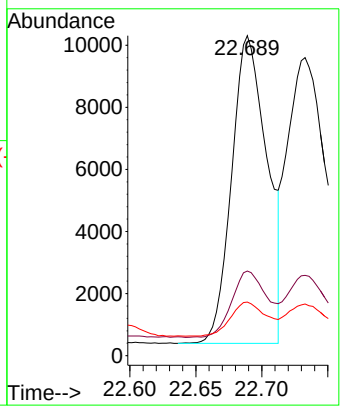


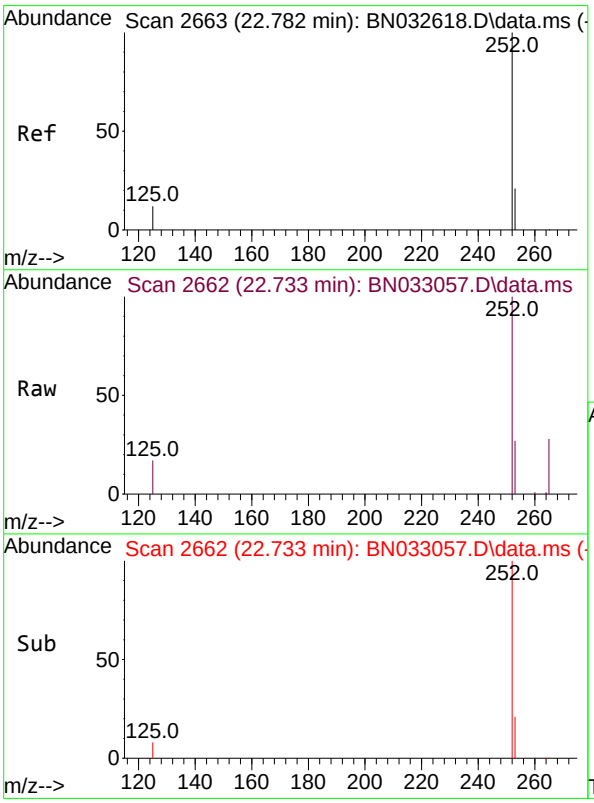
#37
Benzo(b)fluoranthene
Concen: 0.355 ng
RT: 22.689 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:252 Resp: 18534

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.3	33.5
125	16.8	15.4	23.2

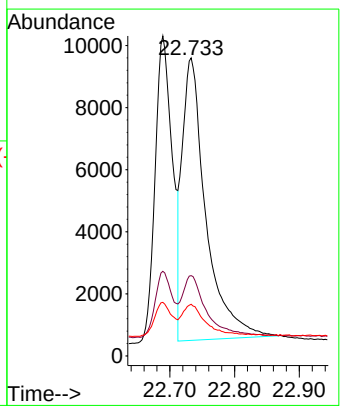


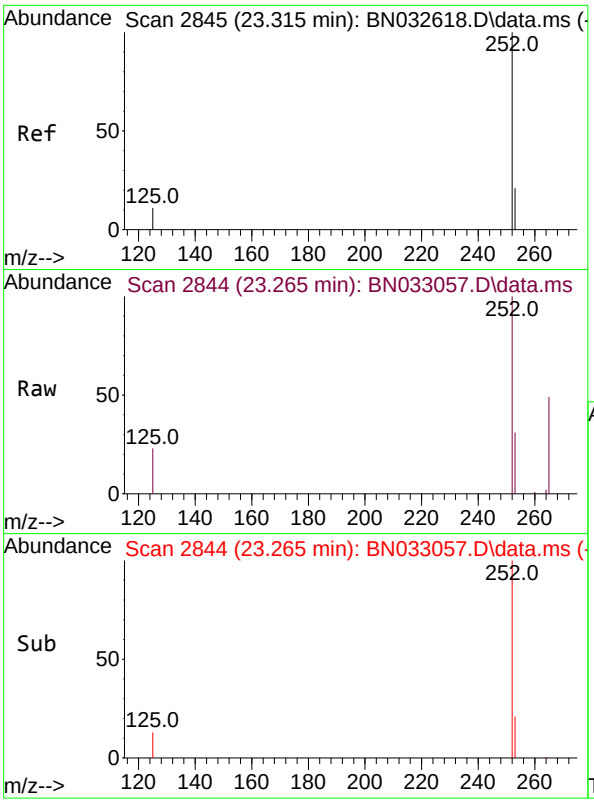


#38
Benzo(k)fluoranthene
Concen: 0.386 ng
RT: 22.733 min Scan# 2662
Delta R.T. -0.012 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:252 Resp: 23046

Ion	Ratio	Lower	Upper
252	100		
253	26.9	22.6	34.0
125	17.3	16.2	24.4



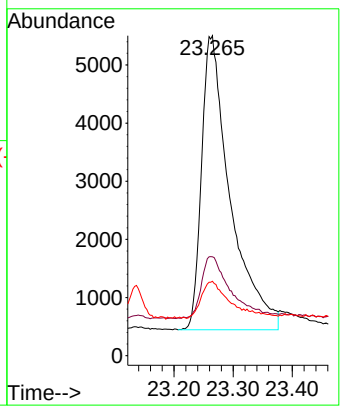


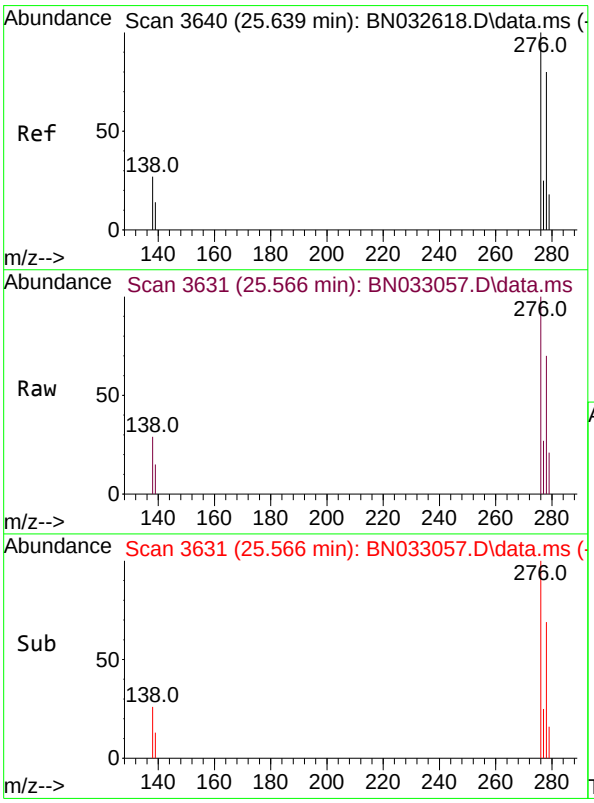
#39
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.265 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:252 Resp: 17067

Ion	Ratio	Lower	Upper
252	100		
253	30.9	25.8	38.8
125	23.2	21.4	32.2

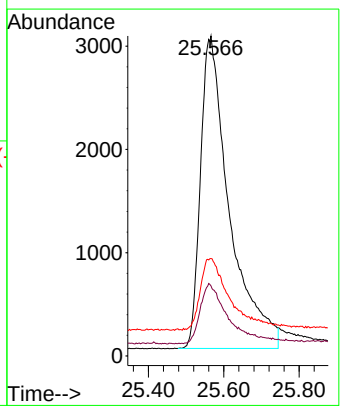


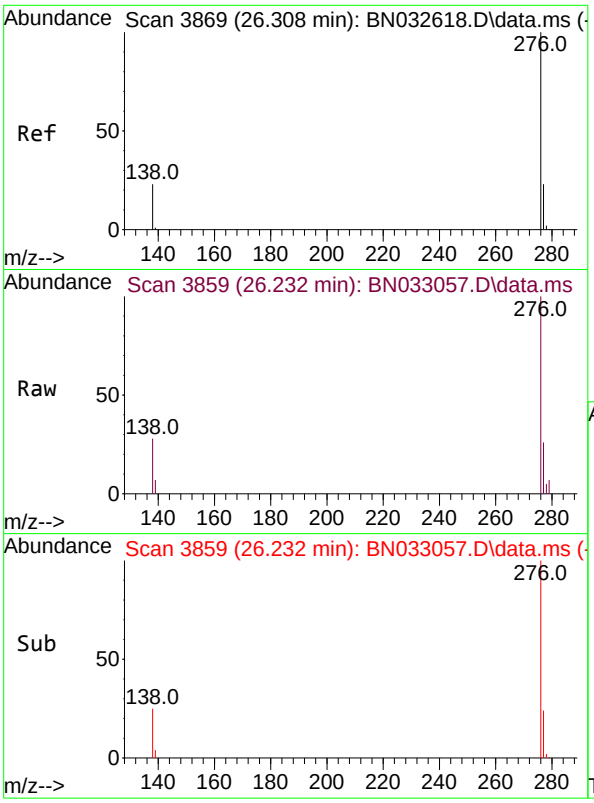


#40
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 25.566 min Scan# 3631
Delta R.T. -0.003 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Tgt Ion:278 Resp: 16145

Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.7	25.1
279	30.4	24.3	36.5





#41
Benzo(g,h,i)perylene
Concen: 0.368 ng
RT: 26.232 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN033057.D
Acq: 28 Jul 2024 06:36

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Tgt Ion:276 Resp: 19066

Ion	Ratio	Lower	Upper
276	100		
277	26.2	20.2	30.2
138	27.9	20.5	30.7