Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033253.D
Acq On : 06 Aug 2024 02:41
Operator : MA/JU
Sample : PB162464BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Quant Time: Aug 06 04:32:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

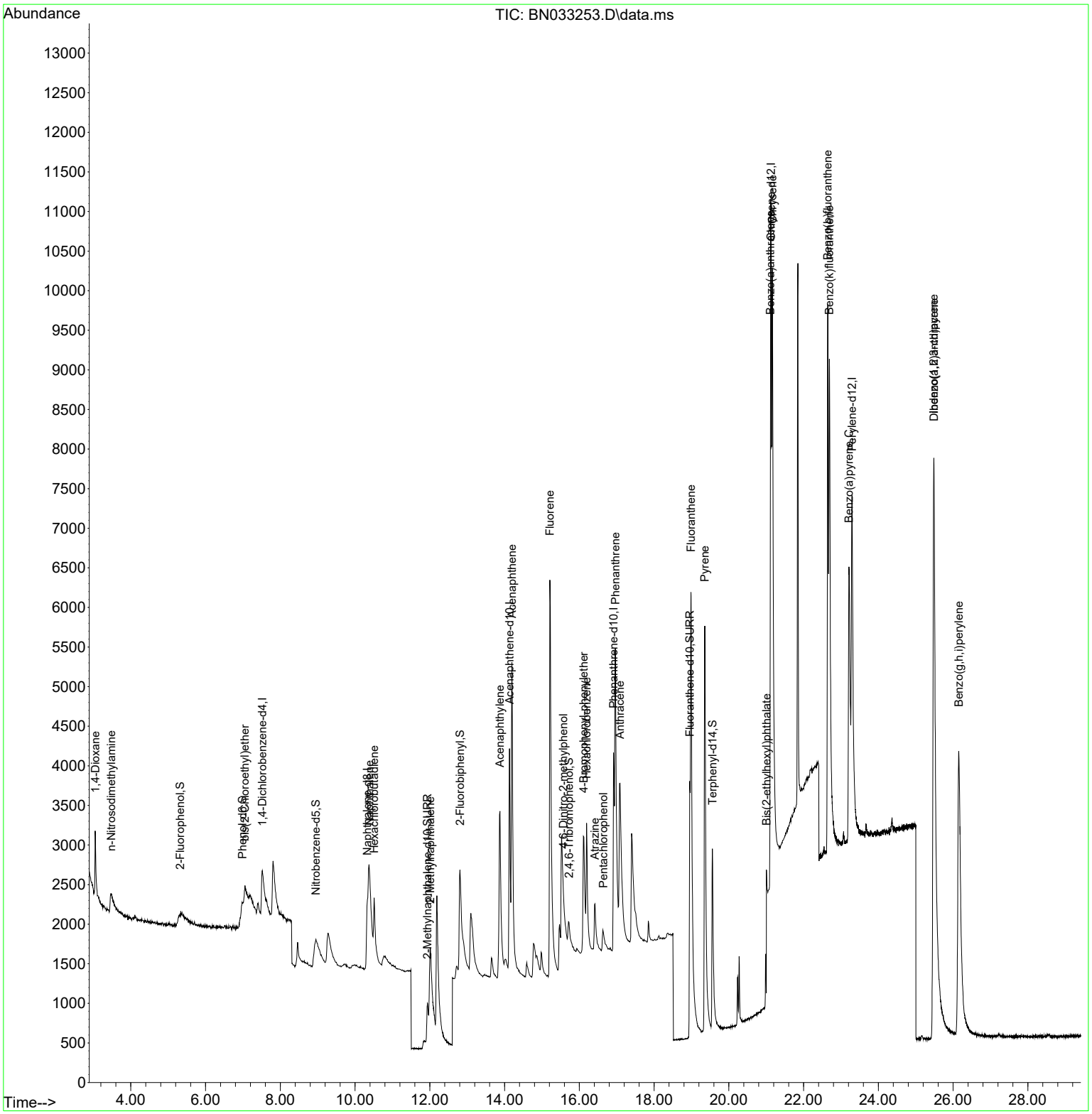
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.517	152	1021	0.400	ng		0.00
7) Naphthalene-d8	10.329	136	3951	0.400	ng		0.01
13) Acenaphthene-d10	14.133	164	2796	0.400	ng		0.00
19) Phenanthrene-d10	16.914	188	6560	0.400	ng	#	0.00
29) Chrysene-d12	21.131	240	6887	0.400	ng		0.00
35) Perylene-d12	23.295	264	8358	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.321	112	739	0.292	ng		0.03
5) Phenol-d6	6.990	99	478	0.138	ng		0.00
8) Nitrobenzene-d5	8.952	82	1213	0.382	ng		0.03
11) 2-Methylnaphthalene-d10	11.935	152	1933	0.330	ng		0.00
14) 2,4,6-Tribromophenol	15.723	330	383	0.368	ng		0.00
15) 2-Fluorobiphenyl	12.807	172	3920	0.410	ng		0.00
27) Fluoranthene-d10	18.957	212	6873	0.374	ng		0.00
31) Terphenyl-d14	19.561	244	4722	0.397	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.054	88	666	0.353	ng	#	83
3) n-Nitrosodimethylamine	3.480	42	521	0.418	ng	#	96
6) bis(2-Chloroethyl)ether	7.055	93	1151	0.393	ng	#	96
9) Naphthalene	10.383	128	4460	0.415	ng		99
10) Hexachlorobutadiene	10.511	225	842	0.422	ng	#	96
12) 2-Methylnaphthalene	12.014	142	2417	0.378	ng		98
16) Acenaphthylene	13.876	152	4422	0.396	ng		99
17) Acenaphthene	14.197	154	3359	0.417	ng		100
18) Fluorene	15.212	166	4506	0.413	ng		100
20) 4,6-Dinitro-2-methylph...	15.574	198	210	0.417	ng		96
21) 4-Bromophenyl-phenylether	16.120	248	1360	0.391	ng		96
22) Hexachlorobenzene	16.195	284	1462	0.402	ng		99
23) Atrazine	16.418	200	1161	0.354	ng		99
24) Pentachlorophenol	16.641	266	385	0.317	ng		97
25) Phenanthrene	16.964	178	6619	0.375	ng		100
26) Anthracene	17.088	178	5118	0.346	ng	#	86
28) Fluoranthene	18.989	202	8870	0.366	ng		99
30) Pyrene	19.356	202	9455	0.393	ng		99
32) Benzo(a)anthracene	21.113	228	6708	0.338	ng		98
33) Chrysene	21.167	228	11481	0.431	ng		100
34) Bis(2-ethylhexyl)phtha...	21.006	149	1648	0.346	ng		97
36) Indeno(1,2,3-cd)pyrene	25.485	276	13997	0.370	ng		98
37) Benzo(b)fluoranthene	22.646	252	9650	0.381	ng		97
38) Benzo(k)fluoranthene	22.689	252	12796	0.403	ng		97
39) Benzo(a)pyrene	23.213	252	9669	0.380	ng		98
40) Dibenzo(a,h)anthracene	25.487	278	11023	0.369	ng		98
41) Benzo(g,h,i)perylene	26.151	276	12926	0.378	ng		99

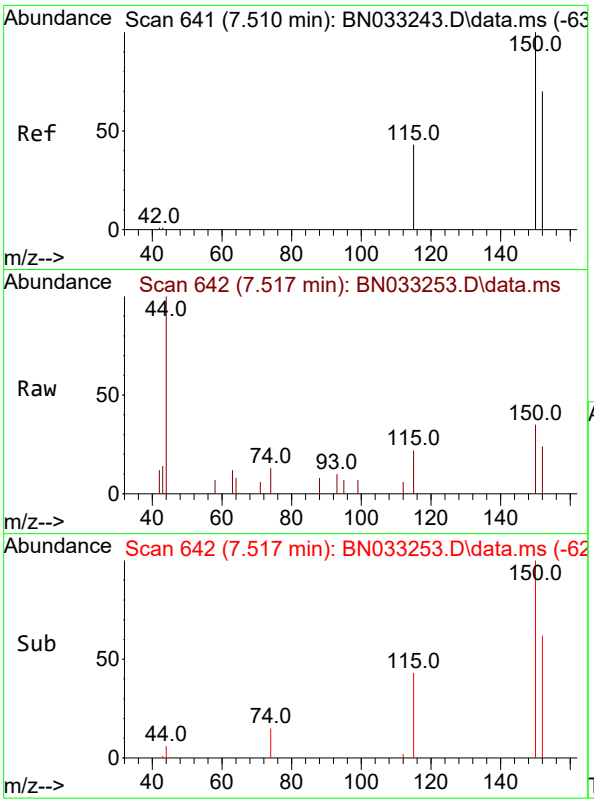
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080524\
Data File : BN033253.D
Acq On : 06 Aug 2024 02:41
Operator : MA/JU
Sample : PB162464BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Quant Time: Aug 06 04:32:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration



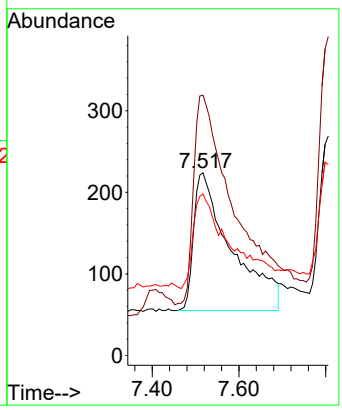


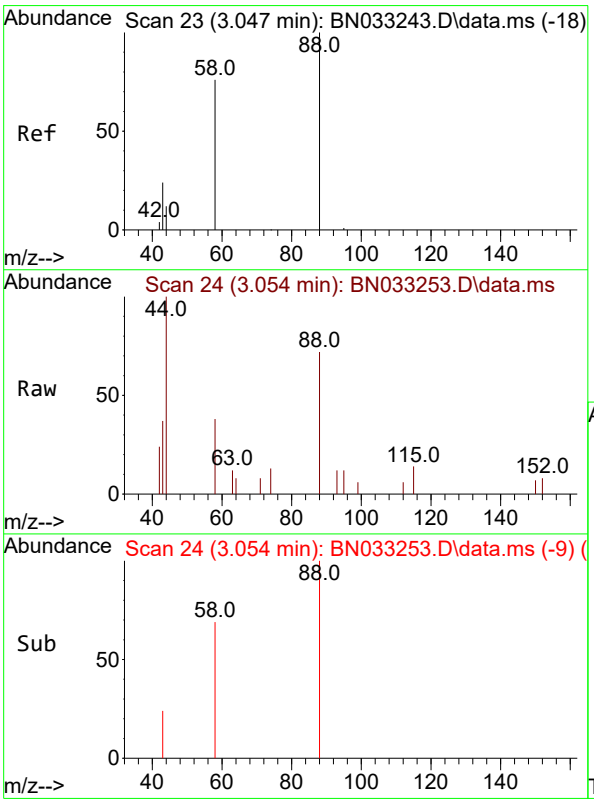
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.517 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:152 Resp: 1021

Ion	Ratio	Lower	Upper
152	100		
150	142.4	108.2	162.2
115	88.4	70.5	105.7

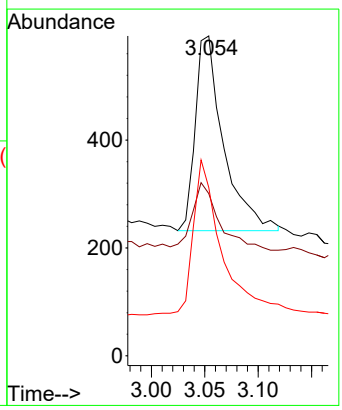


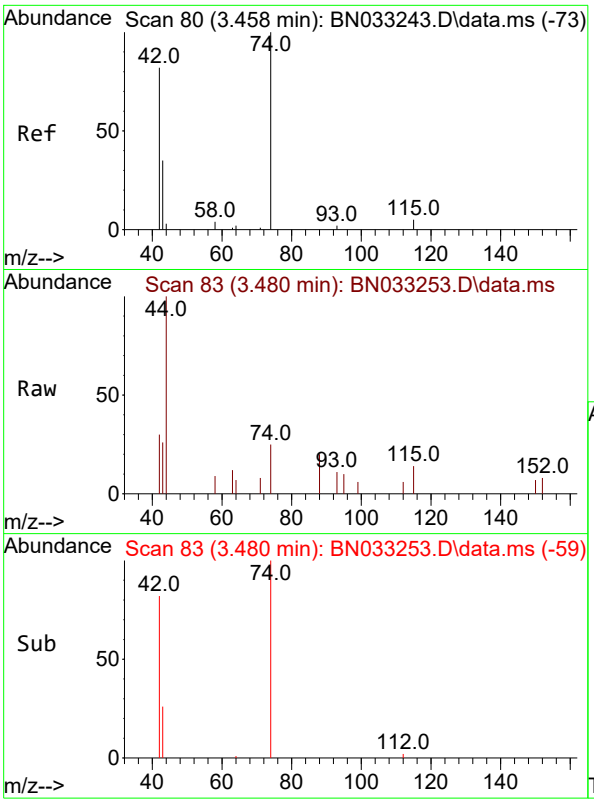


#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.054 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion: 88 Resp: 666

Ion	Ratio	Lower	Upper
88	100		
43	33.3	18.6	28.0#
58	80.3	54.5	81.7



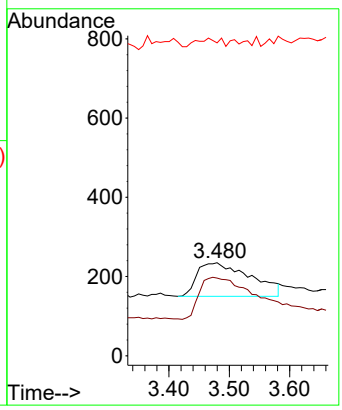


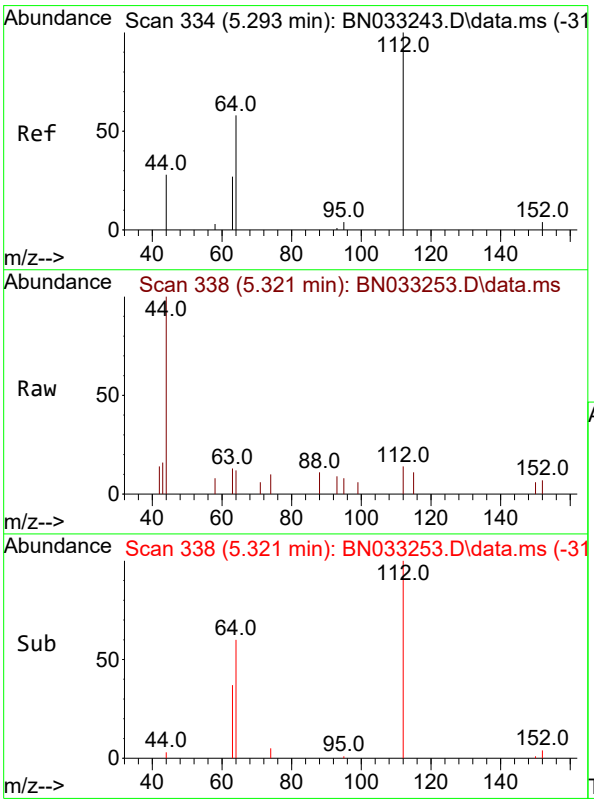
#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.480 min Scan# 8
Delta R.T. 0.022 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
74	127.3	0.0	0.0#
44	10.4	9.6	14.4

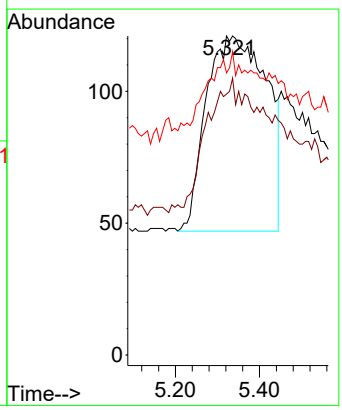


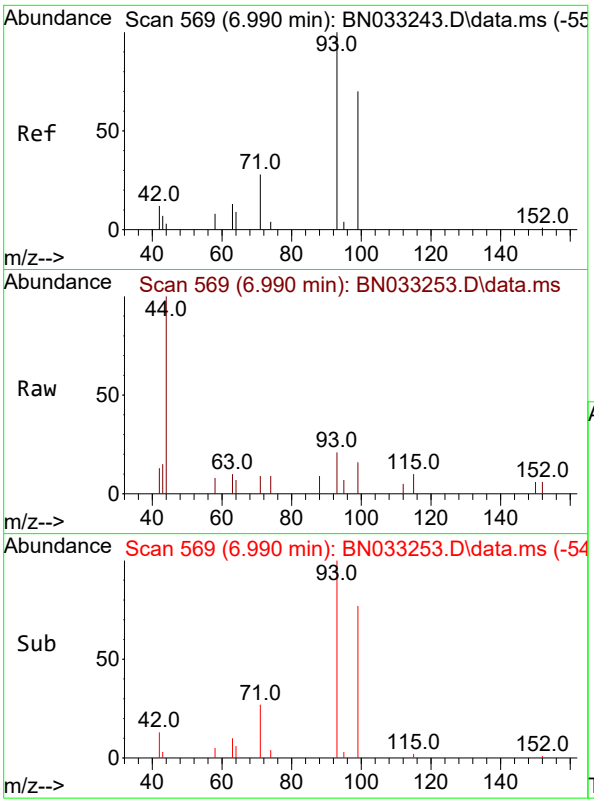


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.321 min Scan# 338
Delta R.T. 0.028 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:112 Resp: 739

Ion	Ratio	Lower	Upper
112	100		
64	0.0	18.0	27.0#
63	12.9	0.0	0.0#



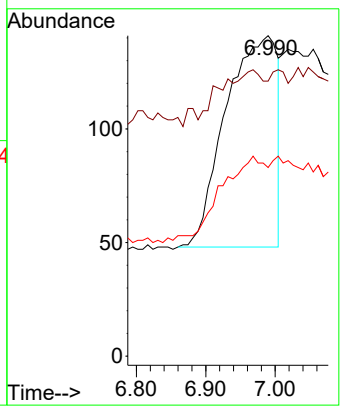


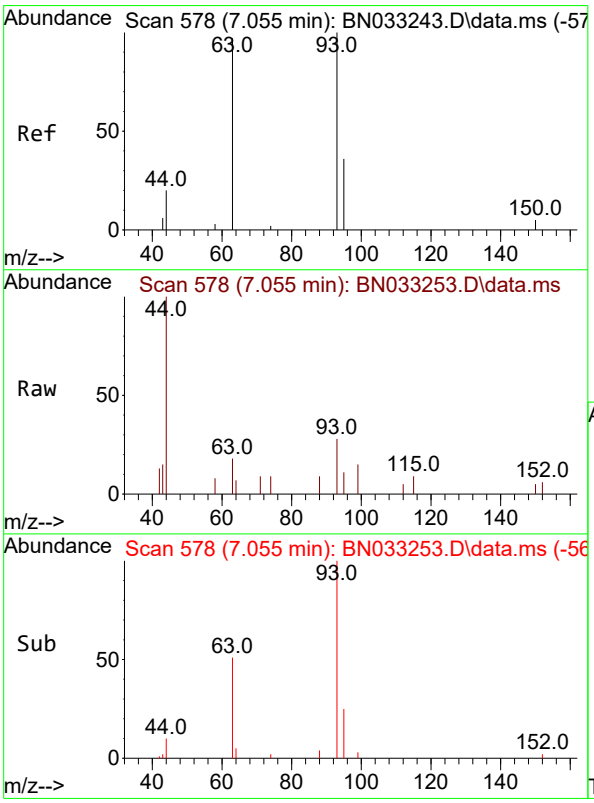
#5
Phenol-d6
Concen: 0.138 ng
RT: 6.990 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion: 99 Resp: 478

Ion	Ratio	Lower	Upper
99	100		
42	2.1	0.0	0.0#
71	0.0	0.0	0.0

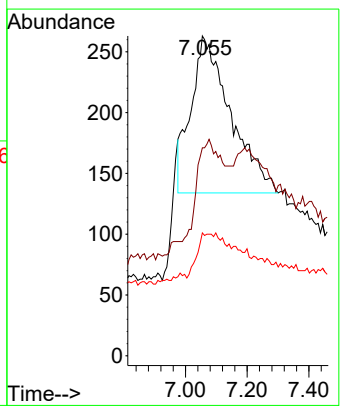


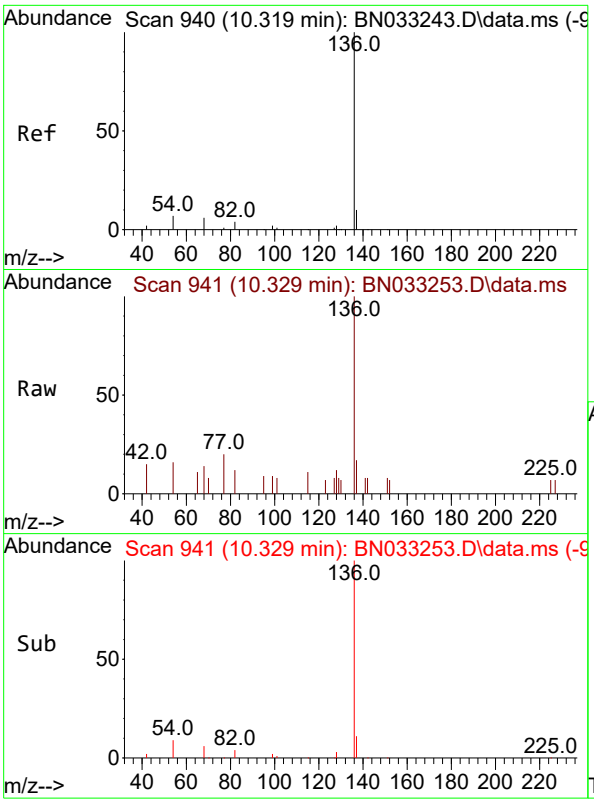


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.055 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion: 93 Resp: 1151

Ion	Ratio	Lower	Upper
93	100		
63	0.0	1.1	1.7#
95	27.9	0.0	0.0#



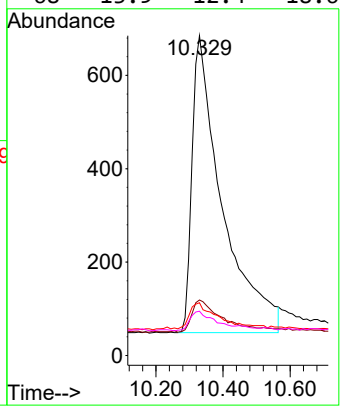


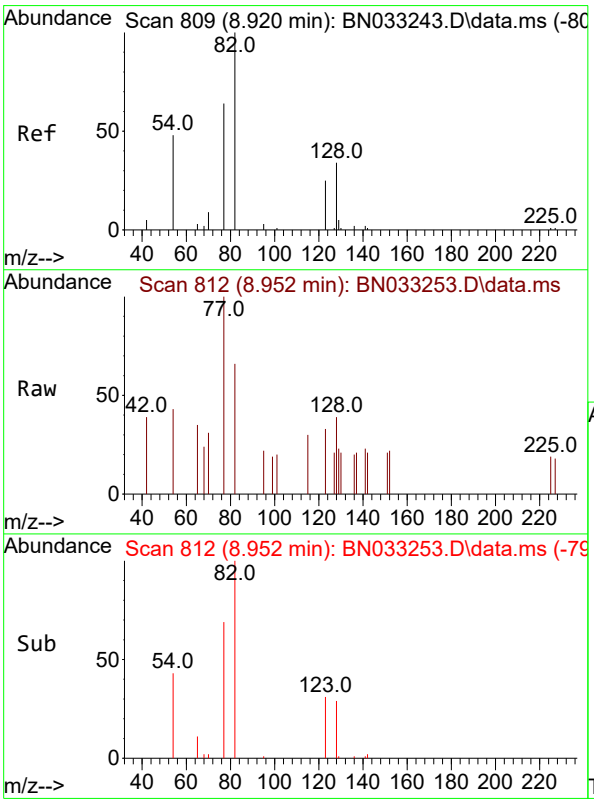
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.329 min Scan# 94
Delta R.T. 0.010 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:136 Resp: 3951

Ion	Ratio	Lower	Upper
136	100		
137	17.4	14.1	21.1
54	16.5	13.8	20.8
68	13.9	12.4	18.6

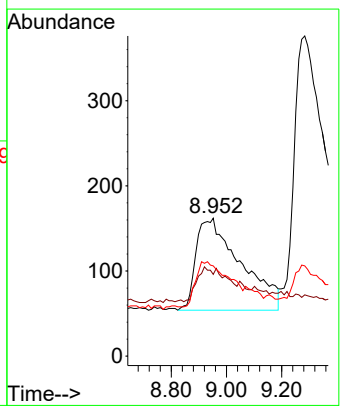


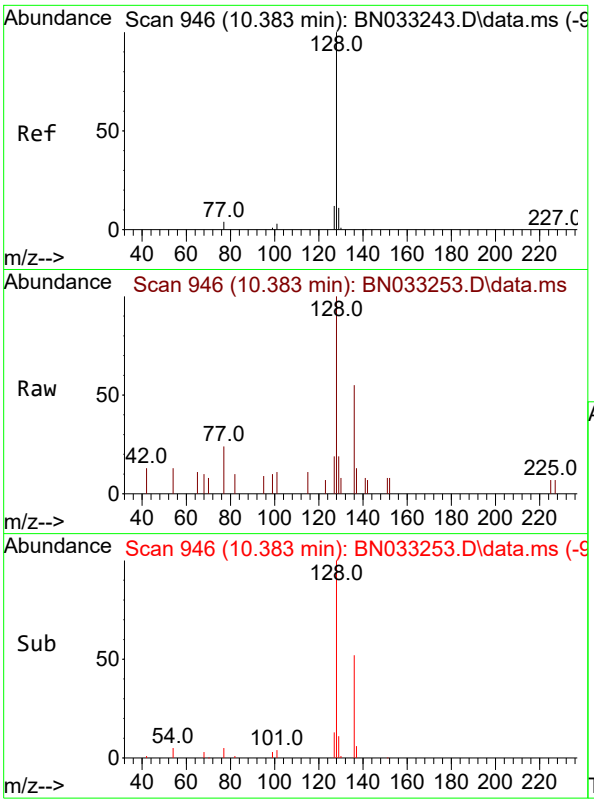


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 8.952 min Scan# 812
Delta R.T. 0.032 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion: 82 Resp: 1213

Ion	Ratio	Lower	Upper
82	100		
128	59.3	54.8	82.2
54	65.4	55.9	83.9



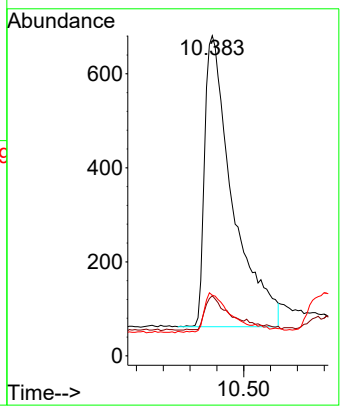


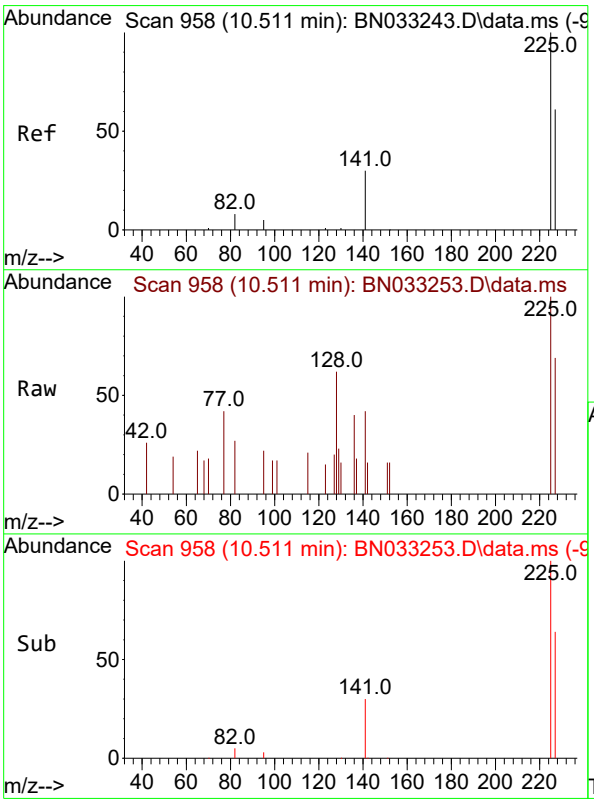
#9
Naphthalene
Concen: 0.415 ng
RT: 10.383 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:128 Resp: 4460

Ion	Ratio	Lower	Upper
128	100		
129	18.8	15.4	23.0
127	18.9	15.8	23.6

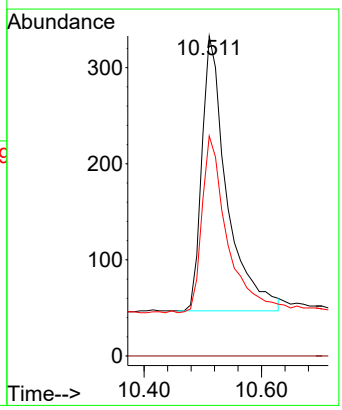


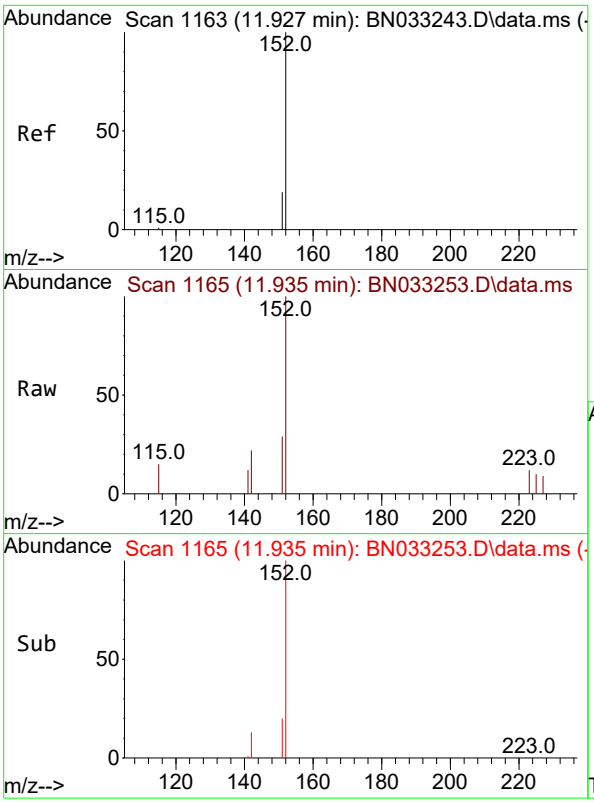


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.511 min Scan# 958
Delta R.T. -0.000 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:225 Resp: 842

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.6	50.2	75.4



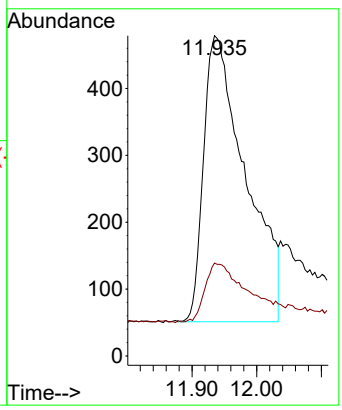


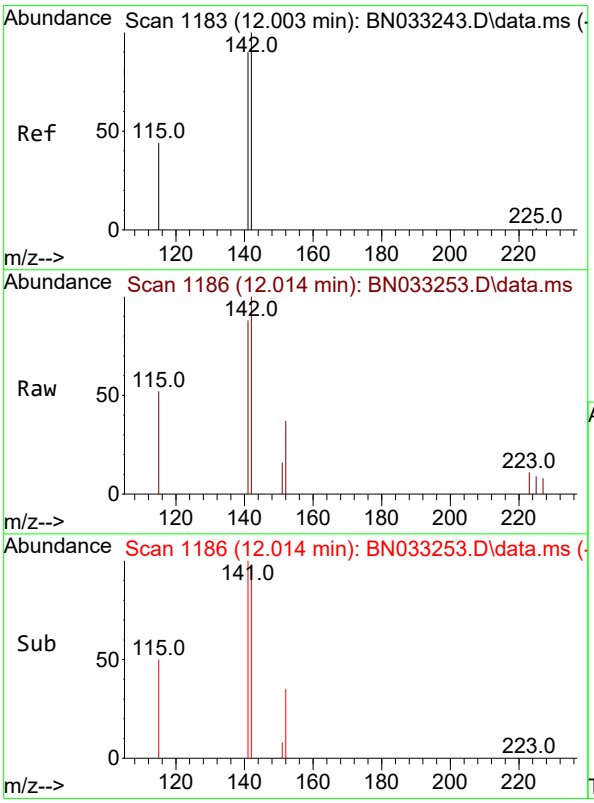
#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.935 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:152 Resp: 1933

Ion	Ratio	Lower	Upper
152	100		
151	20.2	11.9	17.9#

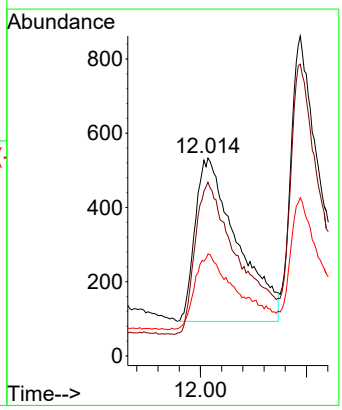


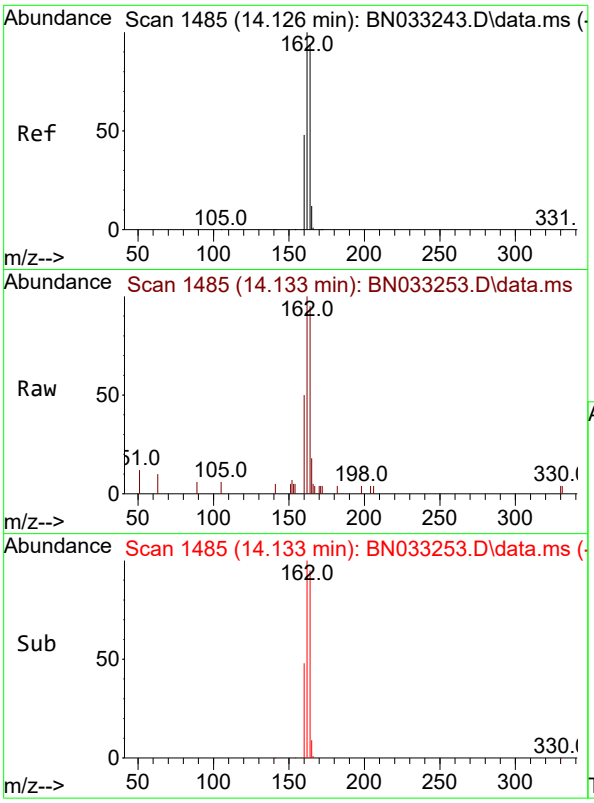


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.014 min Scan# 1186
Delta R.T. 0.011 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:142 Resp: 2417

Ion	Ratio	Lower	Upper
142	100		
141	87.8	68.7	103.1
115	51.6	41.6	62.4



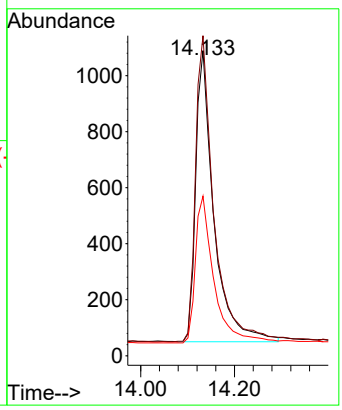


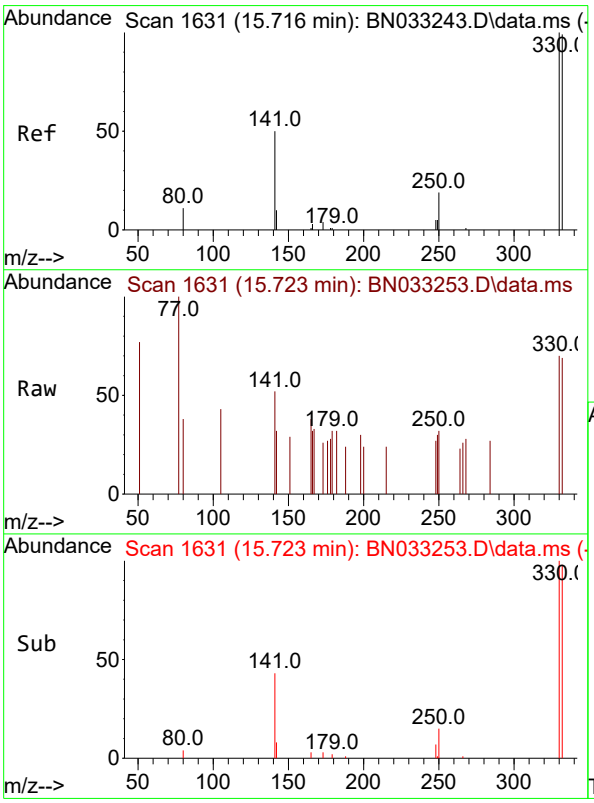
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.133 min Scan# 14
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:164 Resp: 2796

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.6	127.0
160	52.3	42.4	63.6

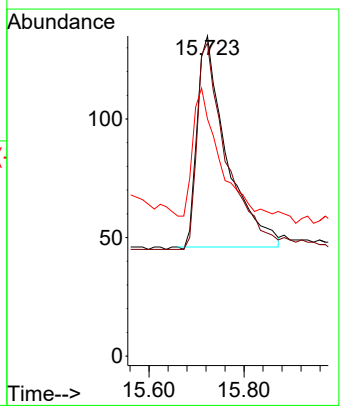


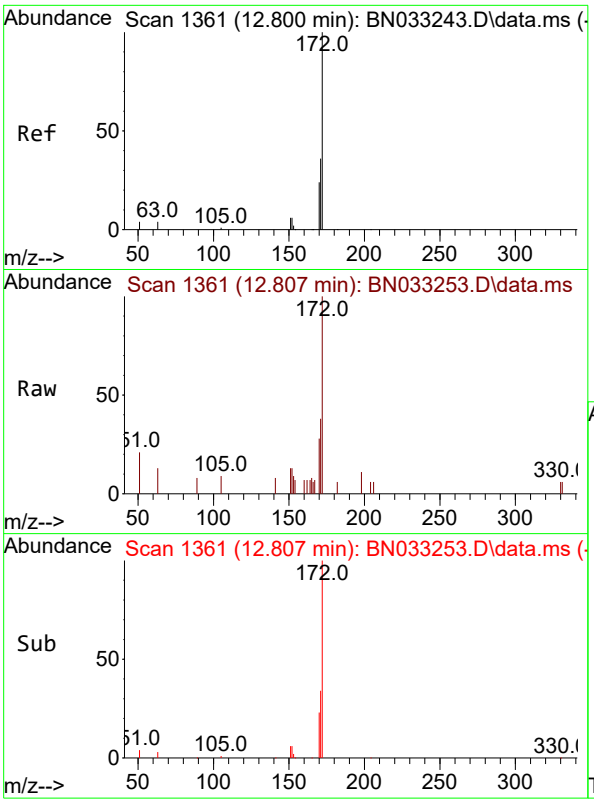


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.723 min Scan# 1631
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:330 Resp: 383

Ion	Ratio	Lower	Upper
330	100		
332	98.2	73.7	110.5
141	53.8	44.8	67.2



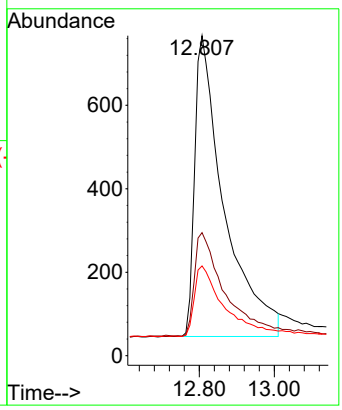


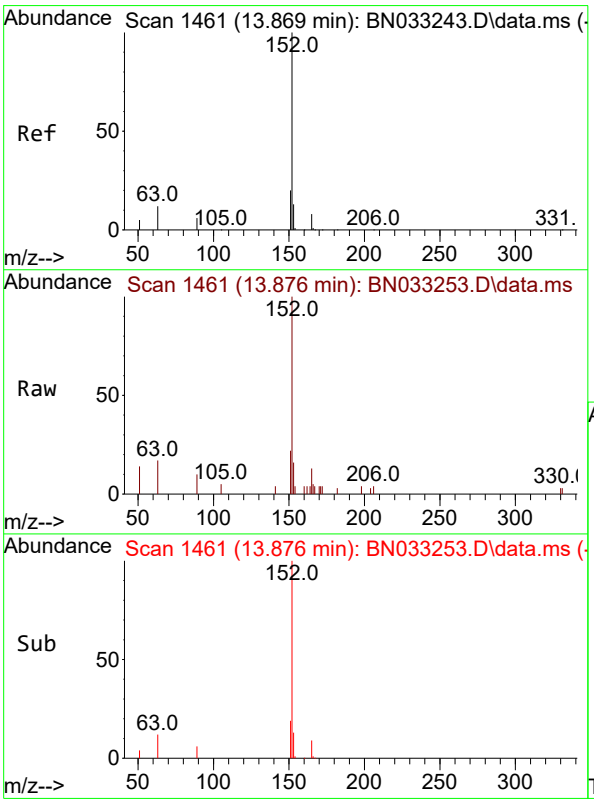
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.807 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:172 Resp: 3920

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.3	48.5
170	28.0	23.4	35.2

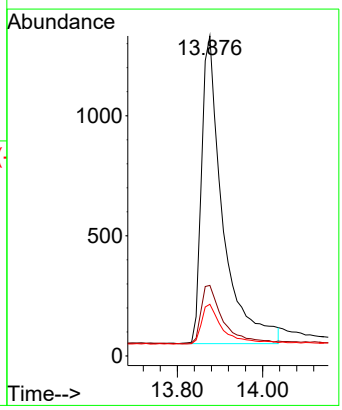


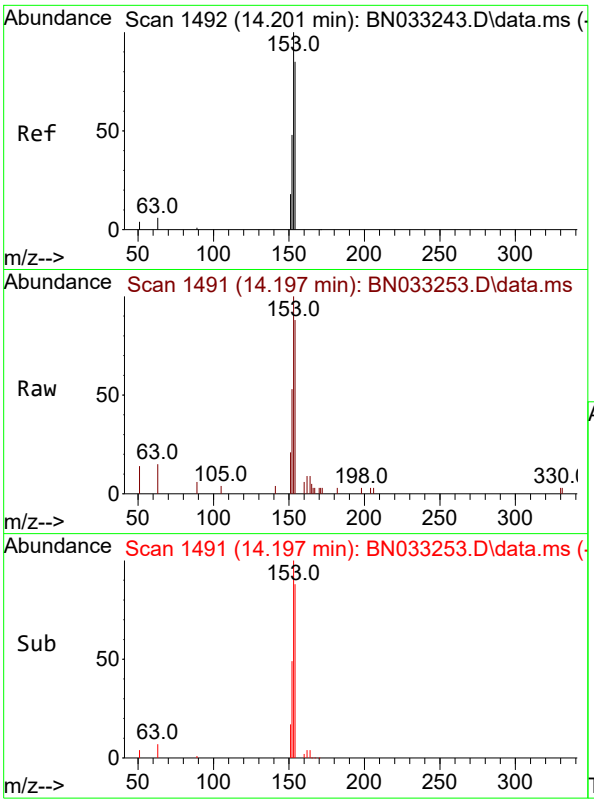


#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.876 min Scan# 1461
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:152 Resp: 4422

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	10.2	15.2



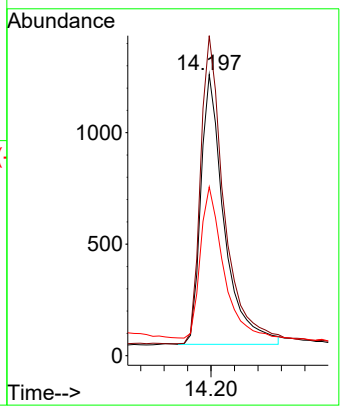


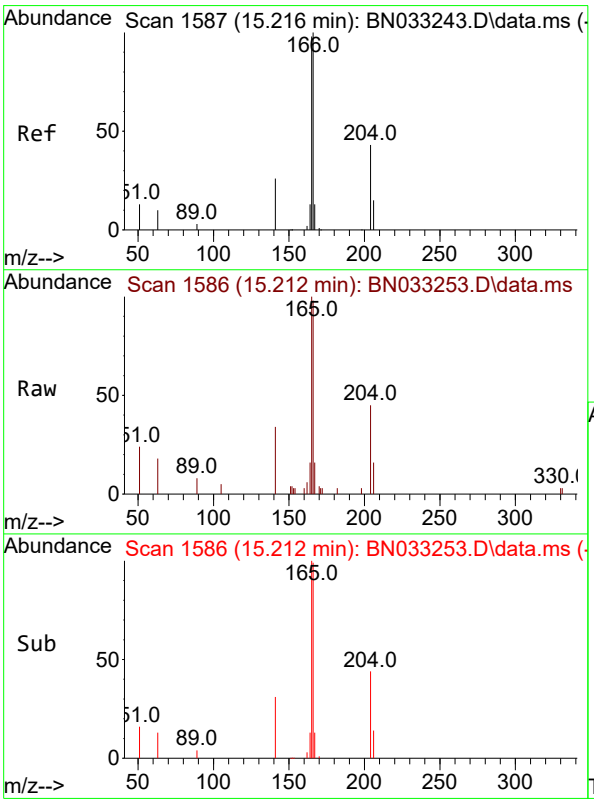
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.197 min Scan# 14
Delta R.T. -0.004 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:154 Resp: 3359

Ion	Ratio	Lower	Upper
154	100		
153	115.6	92.7	139.1
152	54.6	44.0	66.0

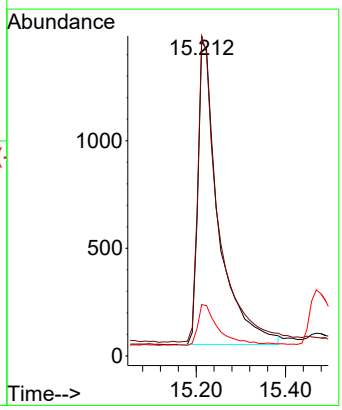


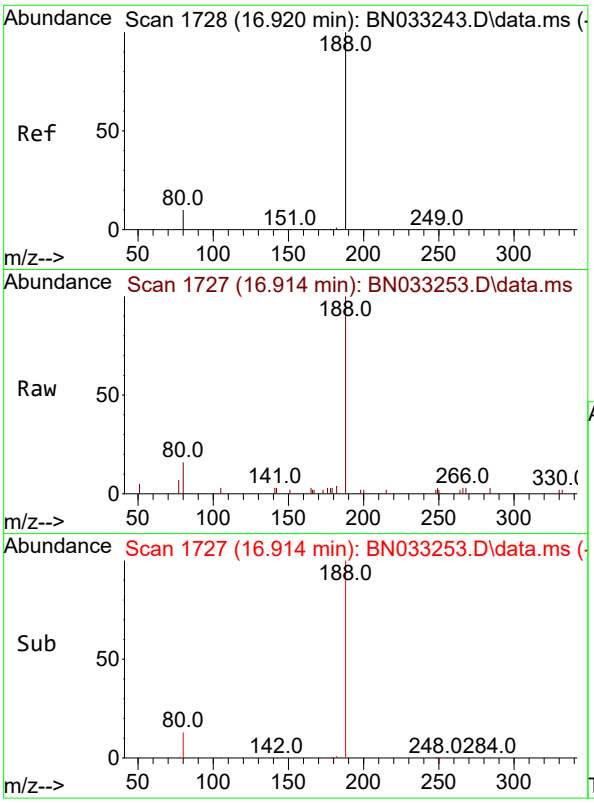


#18
Fluorene
Concen: 0.413 ng
RT: 15.212 min Scan# 1586
Delta R.T. -0.004 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:166 Resp: 4506

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.6	119.4
167	13.3	10.6	16.0



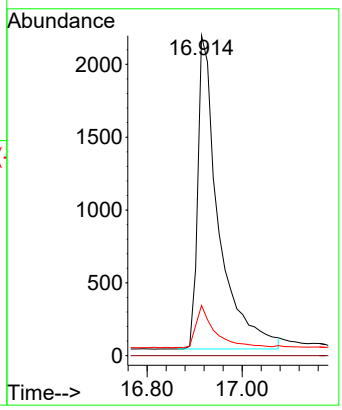


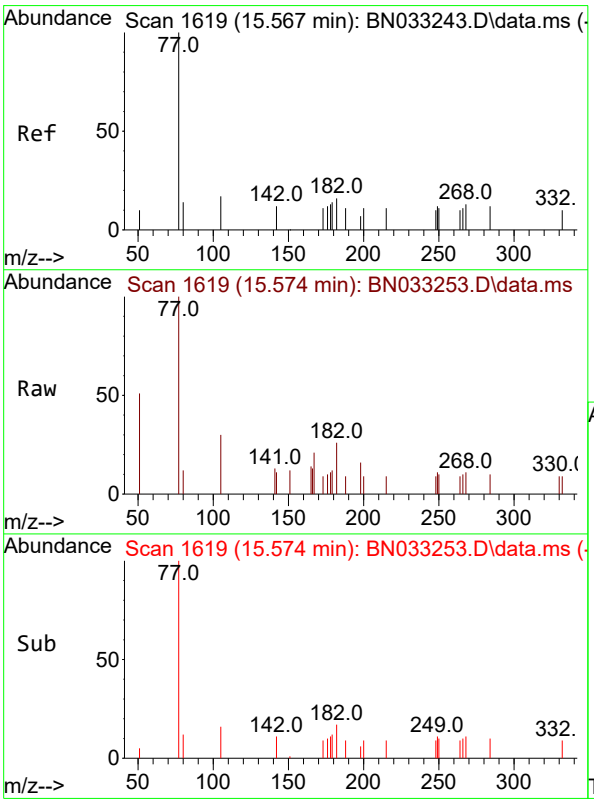
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.914 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:188 Resp: 6560

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.7	10.2	15.4#

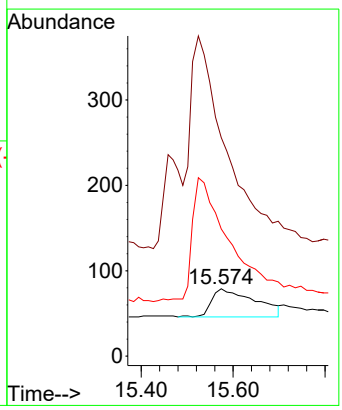


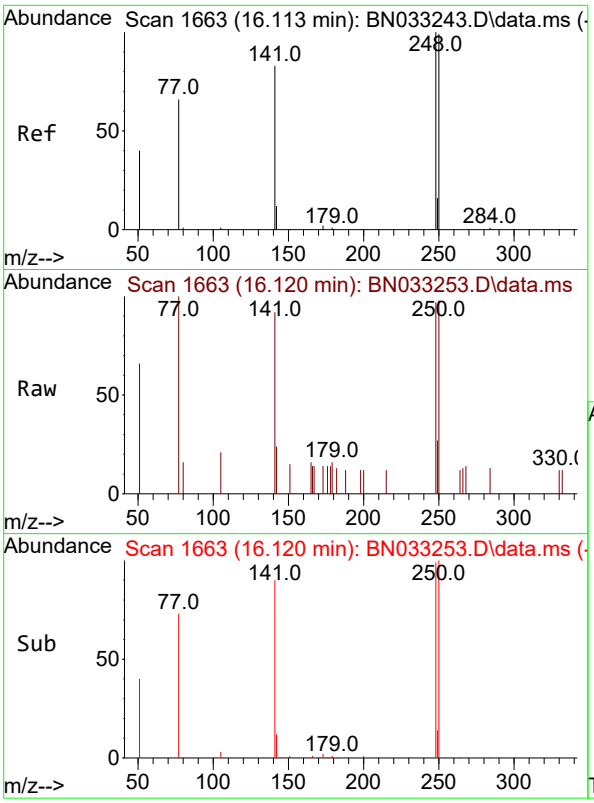


#20
4,6-Dinitro-2-methylphenol
Concen: 0.417 ng
RT: 15.574 min Scan# 1619
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:198 Resp: 210

Ion	Ratio	Lower	Upper
198	100		
51	324.1	250.6	375.8
105	188.6	152.6	229.0



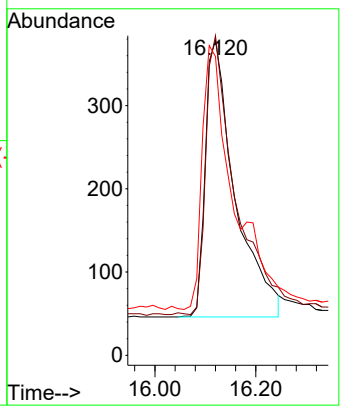


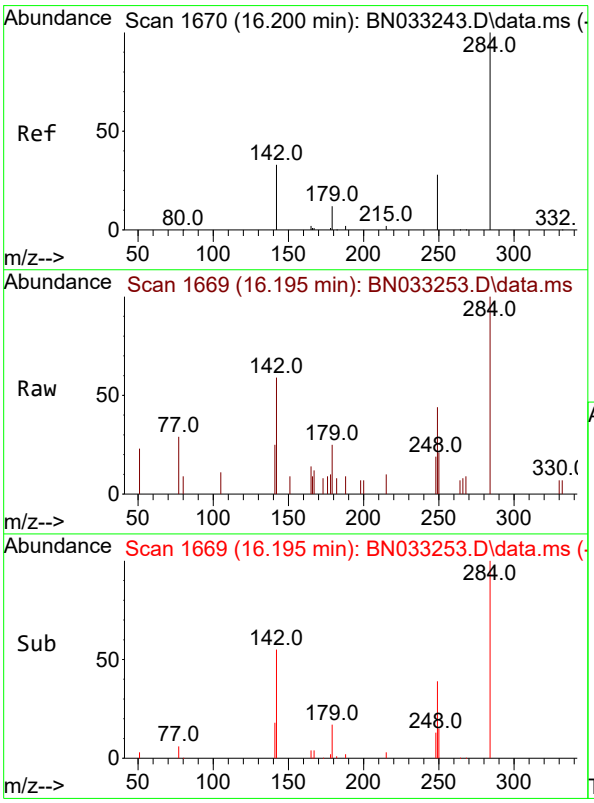
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.120 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:248 Resp: 1360

Ion	Ratio	Lower	Upper
248	100		
250	101.6	80.0	120.0
141	95.0	71.0	106.6

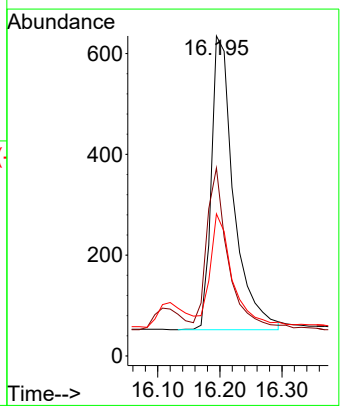


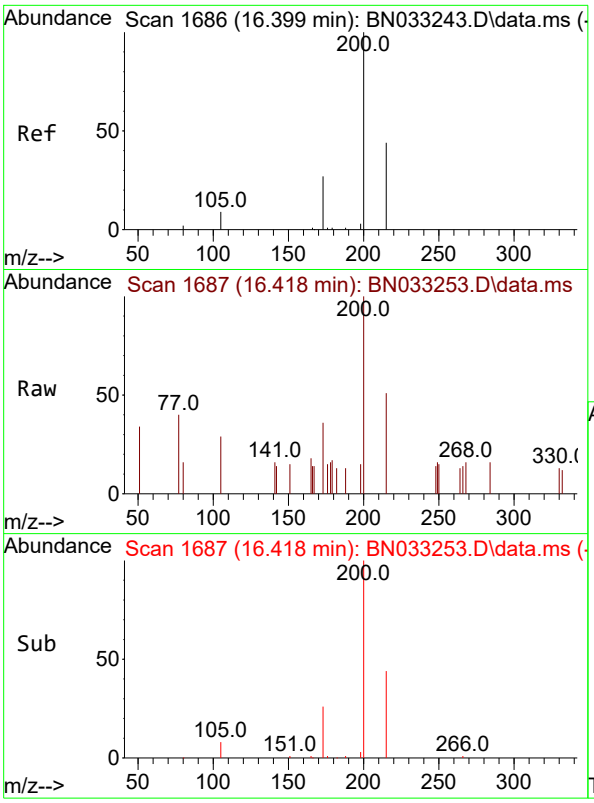


#22
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.195 min Scan# 1669
Delta R.T. -0.005 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:284 Resp: 1462

Ion	Ratio	Lower	Upper
284	100		
142	49.0	38.8	58.2
249	35.4	27.8	41.6



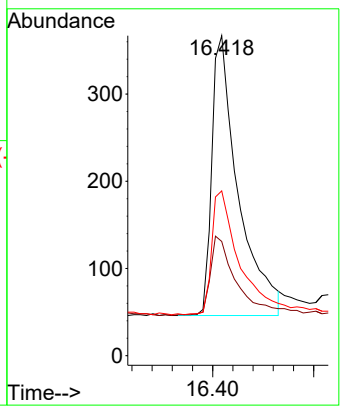


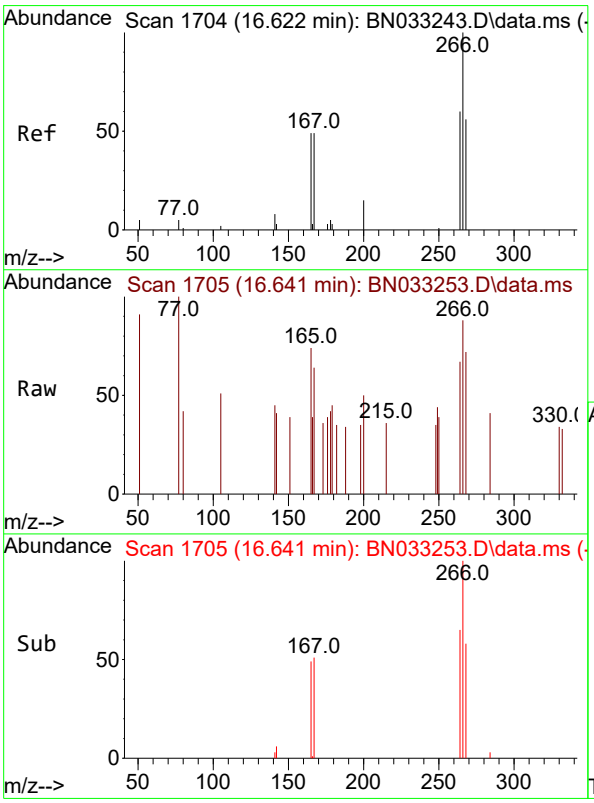
#23
Atrazine
Concen: 0.354 ng
RT: 16.418 min Scan# 1(
Delta R.T. 0.019 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:200 Resp: 1161

Ion	Ratio	Lower	Upper
200	100		
173	35.7	29.2	43.8
215	51.5	41.5	62.3

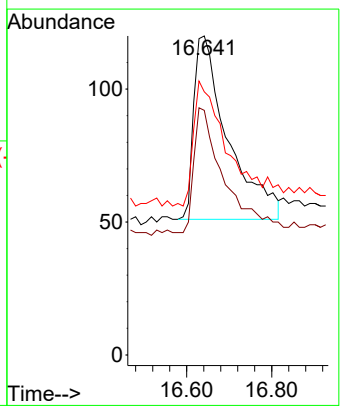


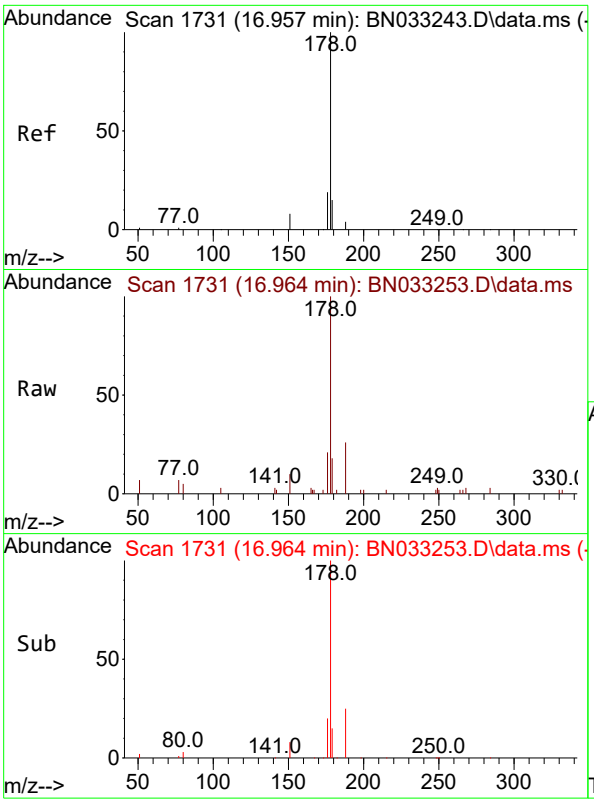


#24
Pentachlorophenol
Concen: 0.317 ng
RT: 16.641 min Scan# 1705
Delta R.T. 0.019 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:266 Resp: 385

Ion	Ratio	Lower	Upper
266	100		
264	59.7	49.3	73.9
268	66.0	50.2	75.2



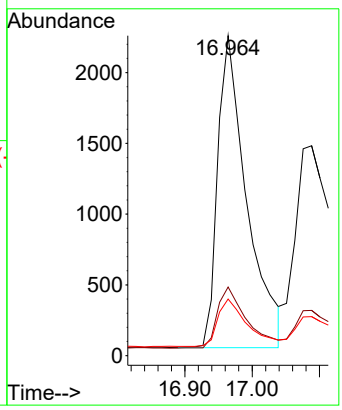


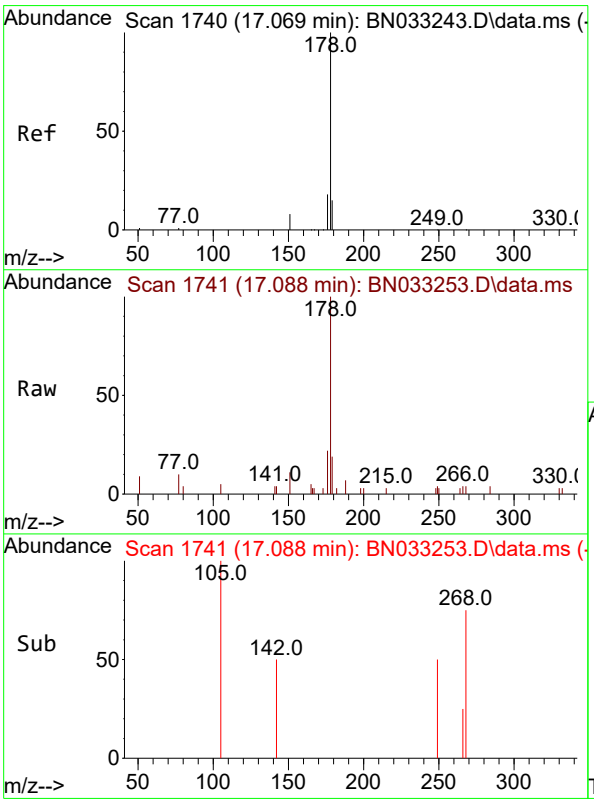
#25
Phenanthrene
Concen: 0.375 ng
RT: 16.964 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:178 Resp: 6619

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.3	12.4	18.6

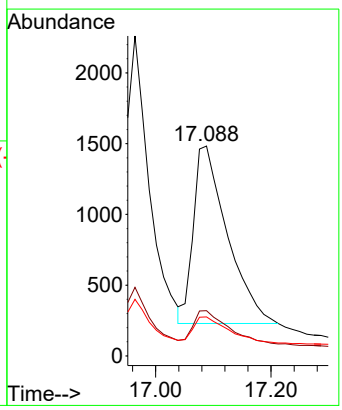


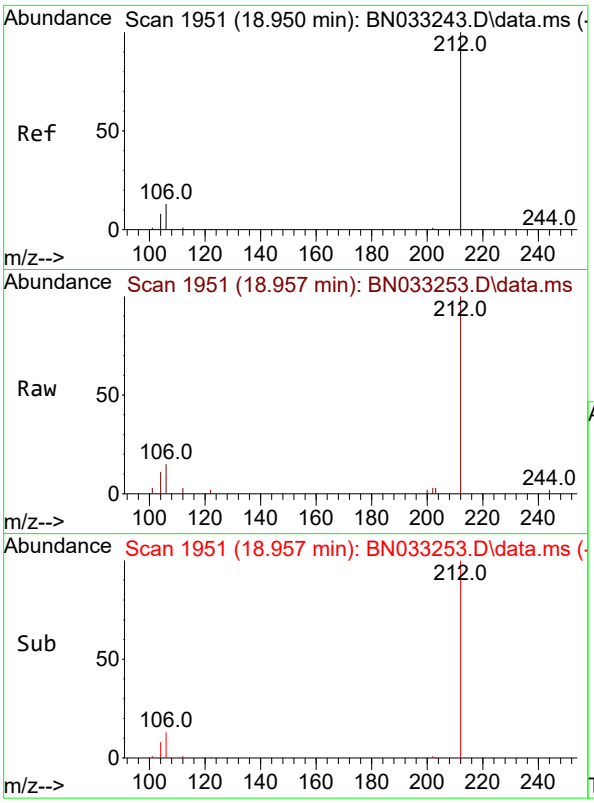


#26
Anthracene
Concen: 0.346 ng
RT: 17.088 min Scan# 1741
Delta R.T. 0.019 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:178 Resp: 5118

Ion	Ratio	Lower	Upper
178	100		
176	19.2	10.5	15.7#
179	15.3	8.6	12.8#



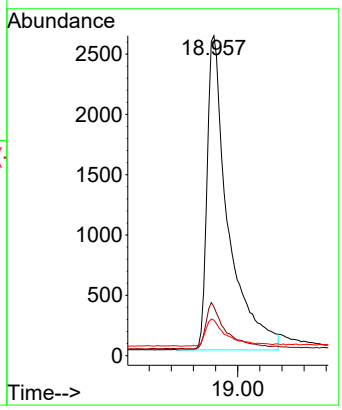


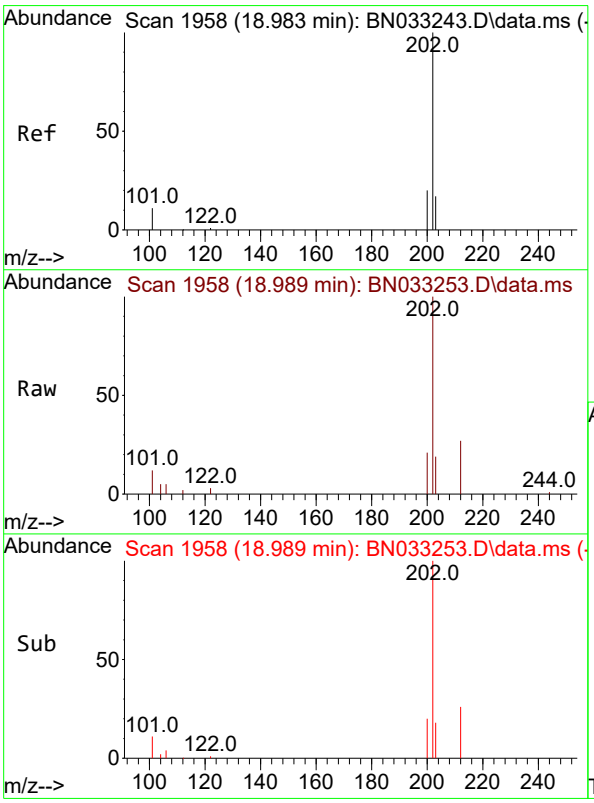
#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 18.957 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:212 Resp: 6873

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.4	17.0
104	8.4	7.1	10.7

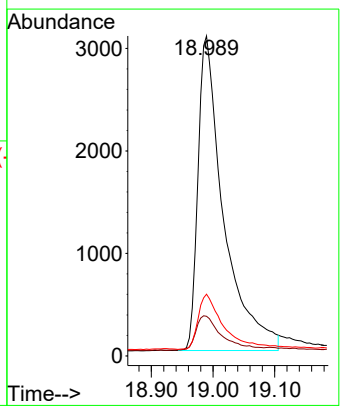


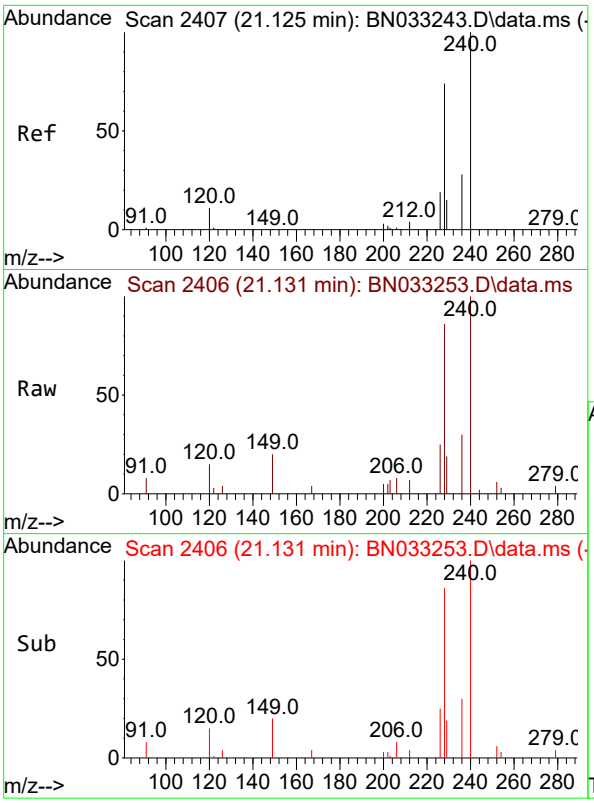


#28
Fluoranthene
Concen: 0.366 ng
RT: 18.989 min Scan# 1958
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:202 Resp: 8870

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	13.0
203	17.6	13.8	20.8



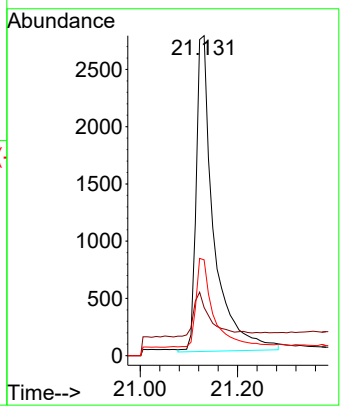


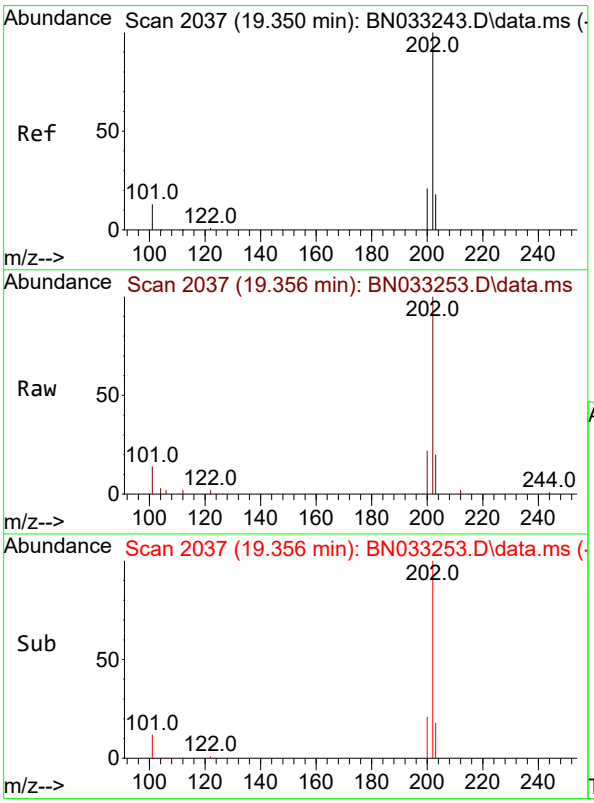
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.131 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:240 Resp: 6887

Ion	Ratio	Lower	Upper
240	100		
120	15.1	13.3	19.9
236	29.9	23.8	35.6

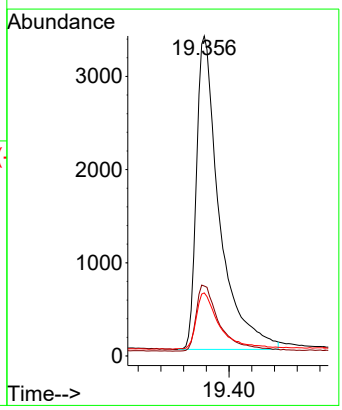


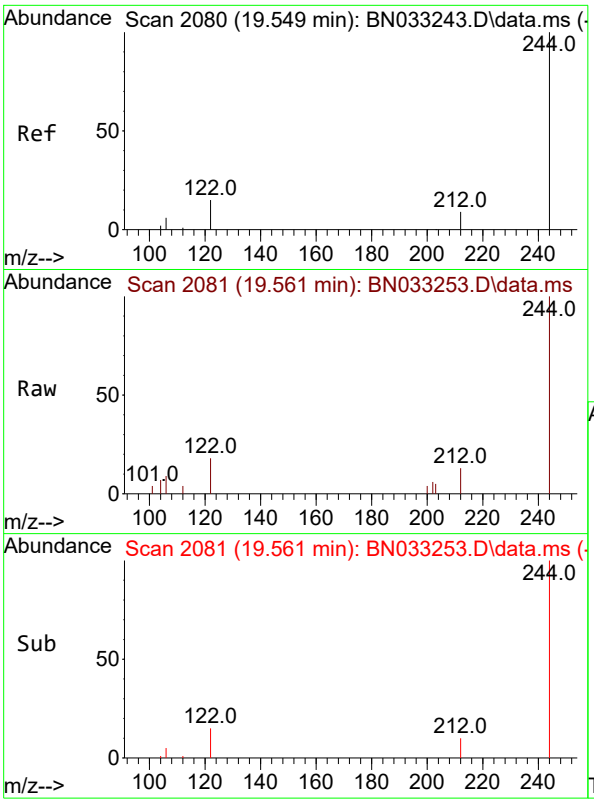


#30
Pyrene
Concen: 0.393 ng
RT: 19.356 min Scan# 2037
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:202 Resp: 9455

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	18.1	14.4	21.6



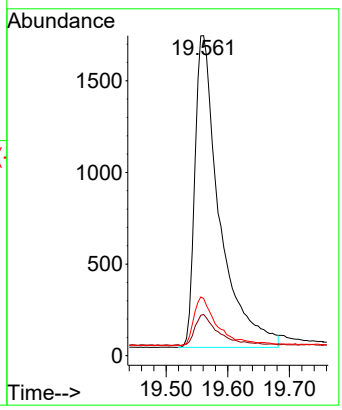


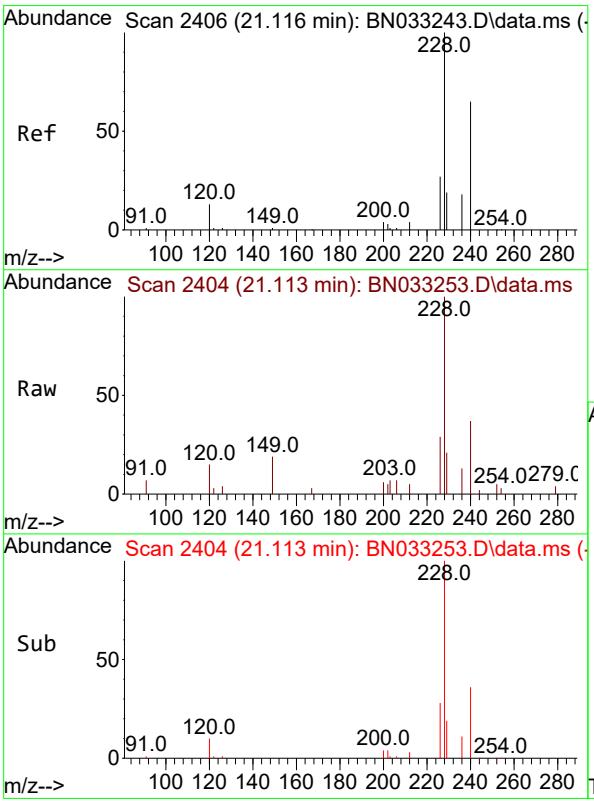
#31
Terphenyl-d14
Concen: 0.397 ng
RT: 19.561 min Scan# 2
Delta R.T. 0.011 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:244 Resp: 4722

Ion	Ratio	Lower	Upper
244	100		
212	12.9	9.9	14.9
122	17.9	14.1	21.1

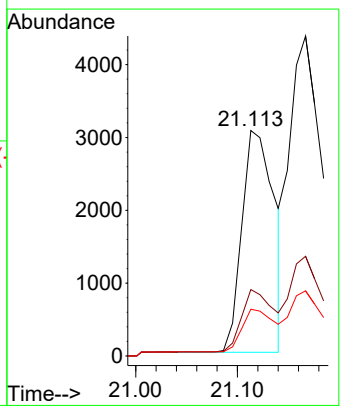


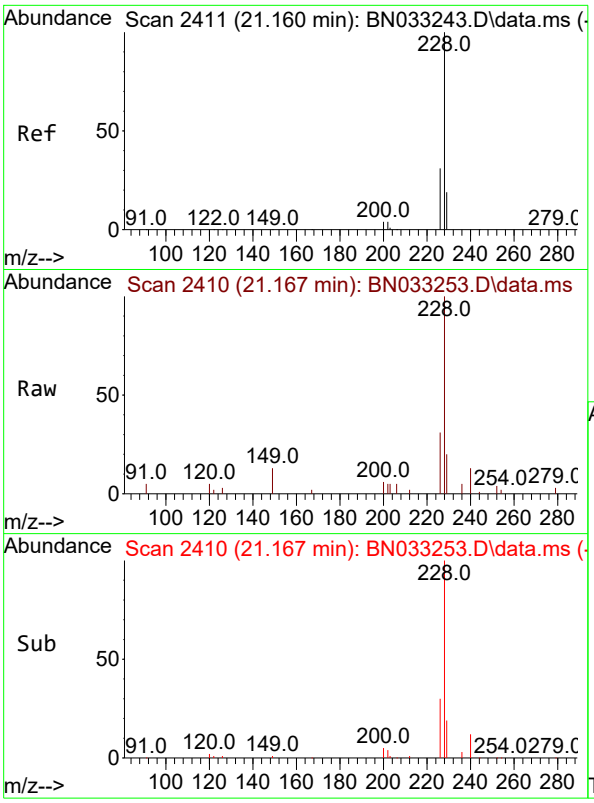


#32
Benzo(a)anthracene
Concen: 0.338 ng
RT: 21.113 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:228 Resp: 6708

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	20.7	16.6	25.0



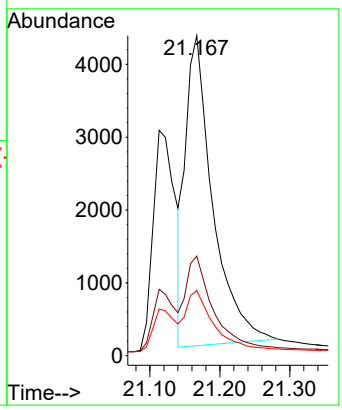


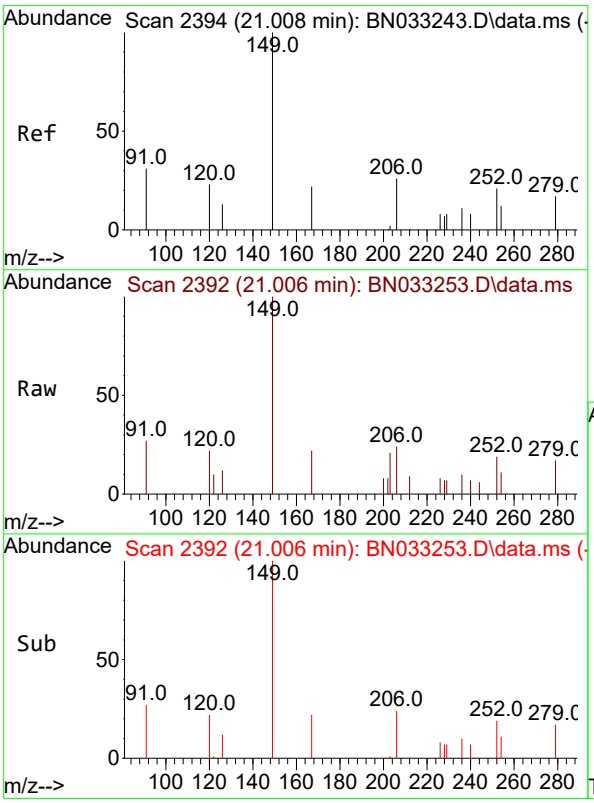
#33
Chrysene
Concen: 0.431 ng
RT: 21.167 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:228 Resp: 11481

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.1	37.7
229	20.3	16.2	24.2

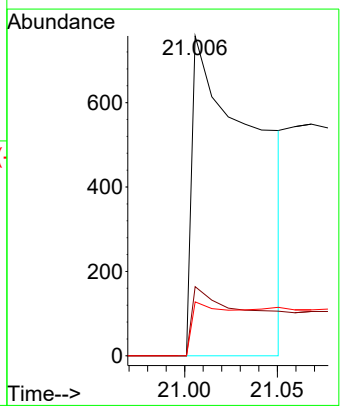


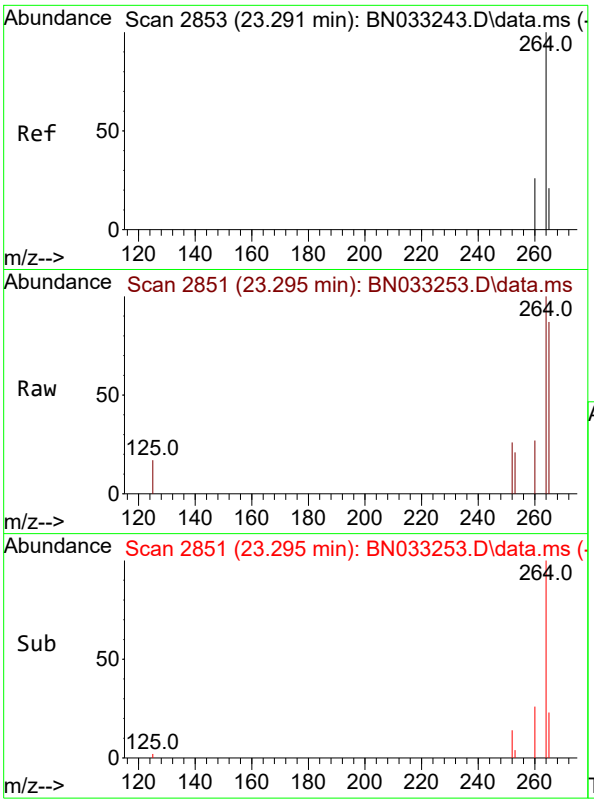


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:149 Resp: 1648

Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.8	29.6
279	8.6	8.2	12.4



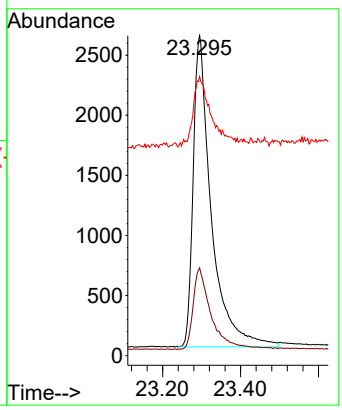


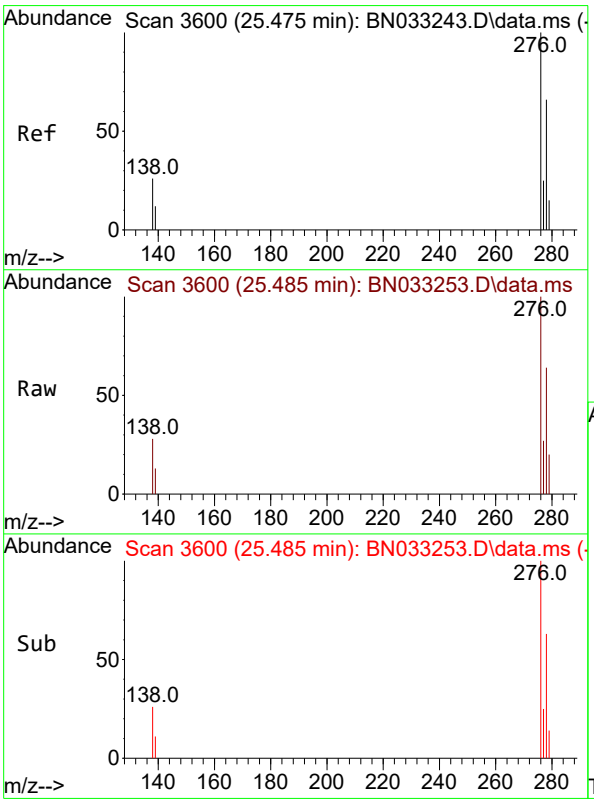
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.295 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:264 Resp: 8358

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.4	32.2
265	87.3	66.6	99.8

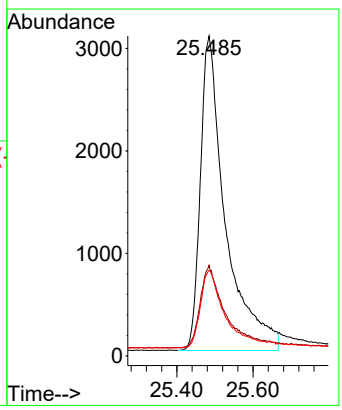


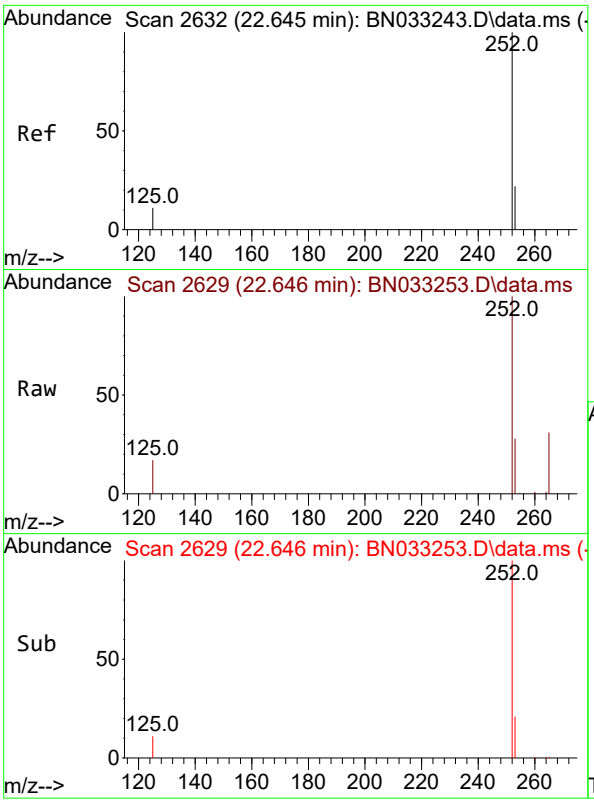


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 25.485 min Scan# 3600
Delta R.T. 0.009 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:276 Resp: 13997

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.4	30.6
277	24.2	19.9	29.9



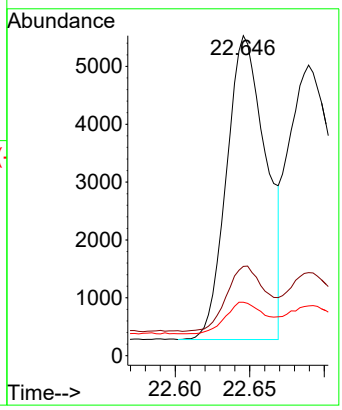


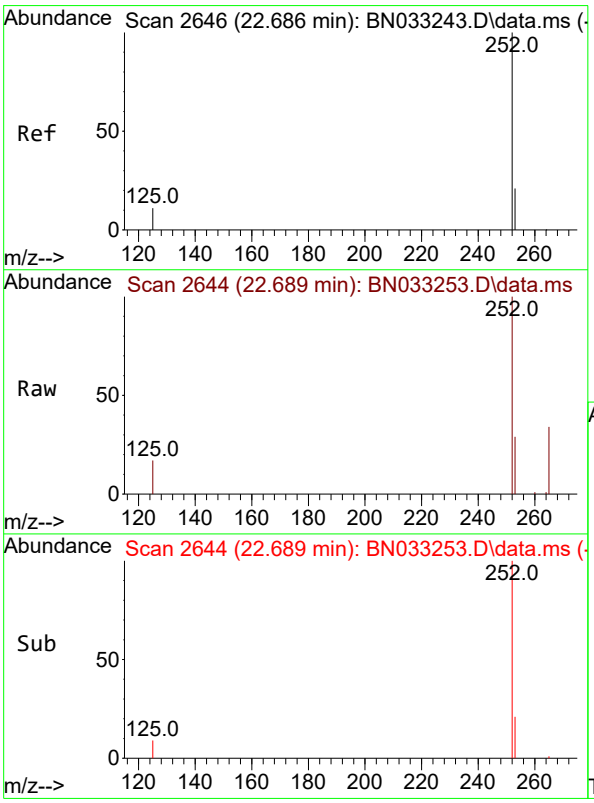
#37
Benzo(b)fluoranthene
Concen: 0.381 ng
RT: 22.646 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:252 Resp: 9650

Ion	Ratio	Lower	Upper
252	100		
253	27.9	23.3	34.9
125	16.7	14.6	22.0

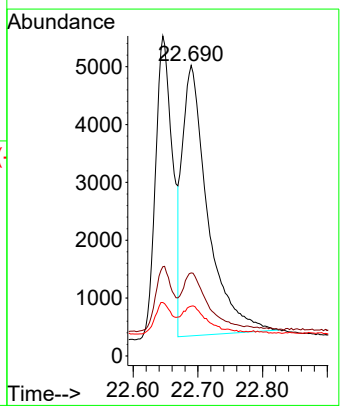


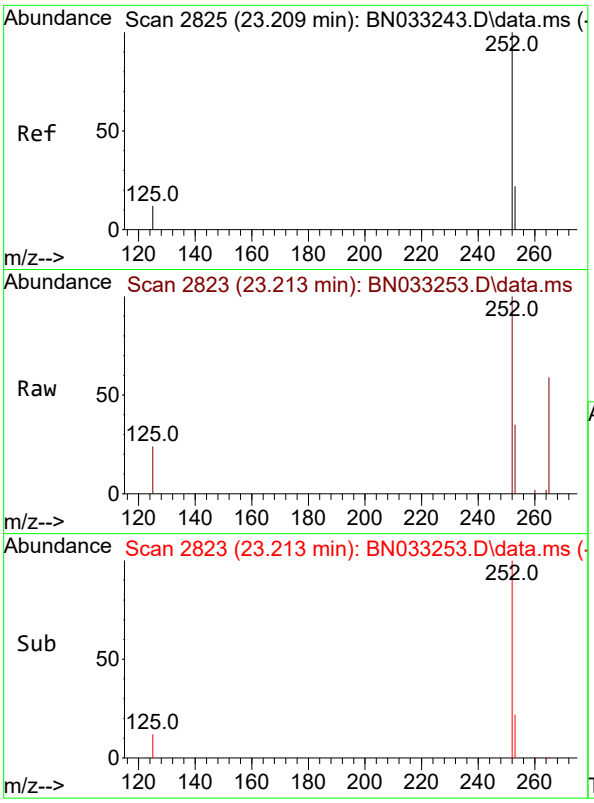


#38
Benzo(k)fluoranthene
Concen: 0.403 ng
RT: 22.689 min Scan# 2644
Delta R.T. 0.004 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:252 Resp: 12796

Ion	Ratio	Lower	Upper
252	100		
253	28.6	23.7	35.5
125	17.1	15.4	23.0



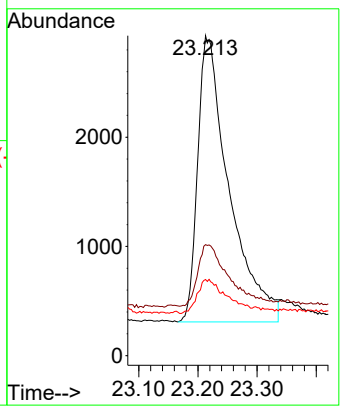


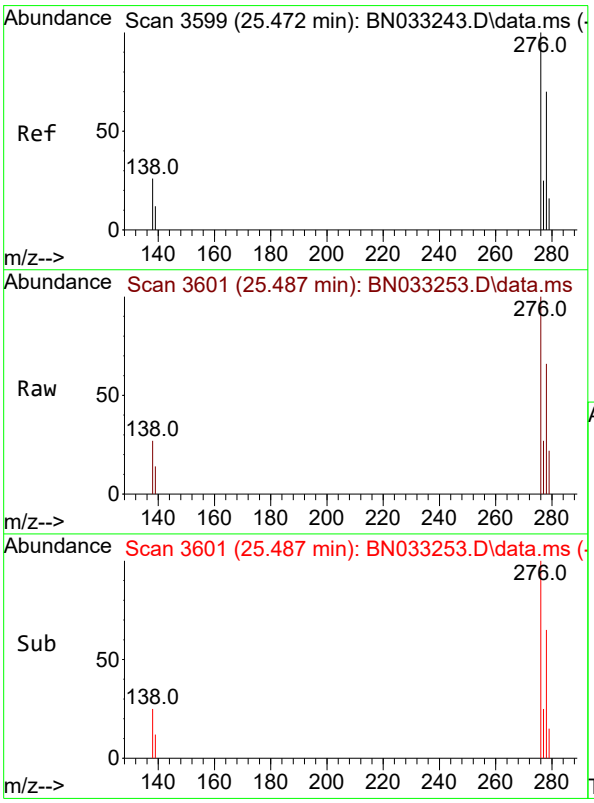
#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.213 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:252 Resp: 9669

Ion	Ratio	Lower	Upper
252	100		
253	34.7	28.4	42.6
125	23.8	20.1	30.1

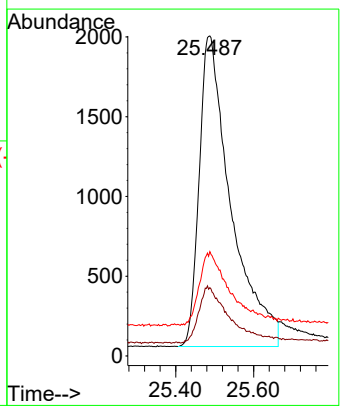


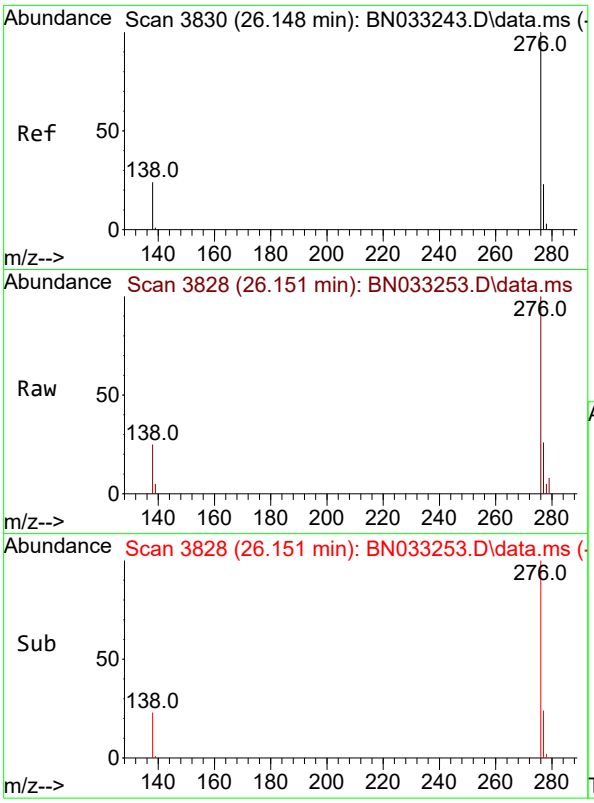


#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 25.487 min Scan# 3601
Delta R.T. 0.015 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Tgt Ion:278 Resp: 11023

Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.7	25.1
279	32.6	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 26.151 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN033253.D
Acq: 06 Aug 2024 02:41

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:276 Resp: 12926

Ion	Ratio	Lower	Upper
276	100		
277	26.3	21.0	31.4
138	25.5	21.4	32.0