Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033834.D
Acq On : 10 Sep 2024 01:44
Operator : MA/JU
Sample : PB163220BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Quant Time: Sep 10 03:20:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4903	0.400	ng	0.00
7) Naphthalene-d8	10.261	136	12456	0.400	ng	-0.01
13) Acenaphthene-d10	14.146	164	5653	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	10925	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	8576	0.400	ng	# 0.00
35) Perylene-d12	23.262	264	8844	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4588	0.306	ng	0.00
5) Phenol-d6	6.700	99	5195	0.292	ng	0.00
8) Nitrobenzene-d5	8.638	82	3796	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	11.862	152	7527	0.427	ng	-0.01
14) 2,4,6-Tribromophenol	15.651	330	734	0.257	ng	0.00
15) 2-Fluorobiphenyl	12.756	172	8885	0.377	ng	-0.01
27) Fluoranthene-d10	18.938	212	9696	0.360	ng	0.00
31) Terphenyl-d14	19.555	244	6770	0.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.161	88	1782	0.319	ng	# 38
3) n-Nitrosodimethylamine	3.450	42	2494	0.381	ng	# 96
6) bis(2-Chloroethyl)ether	6.945	93	5038	0.376	ng	100
9) Naphthalene	10.314	128	12255	0.368	ng	99
10) Hexachlorobutadiene	10.613	225	2519	0.364	ng	# 99
12) 2-Methylnaphthalene	11.937	142	7520	0.369	ng	98
16) Acenaphthylene	13.857	152	9310	0.381	ng	100
17) Acenaphthene	14.210	154	6436	0.384	ng	100
18) Fluorene	15.204	166	7602	0.368	ng	99
20) 4,6-Dinitro-2-methylph...	15.290	198	405	0.235	ng	85
21) 4-Bromophenyl-phenylether	16.098	248	2320	0.367	ng	# 82
22) Hexachlorobenzene	16.209	284	2699	0.372	ng	97
23) Atrazine	16.383	200	1849	0.366	ng	# 92
24) Pentachlorophenol	16.557	266	1585	0.534	ng	99
25) Phenanthrene	16.942	178	11494	0.382	ng	100
26) Anthracene	17.029	178	9974	0.381	ng	99
28) Fluoranthene	18.970	202	12206	0.362	ng	99
30) Pyrene	19.333	202	12723	0.368	ng	100
32) Benzo(a)anthracene	21.094	228	11449	0.374	ng	99
33) Chrysene	21.139	228	11789	0.389	ng	100
34) Bis(2-ethylhexyl)phtha...	21.050	149	5890	0.353	ng	100
36) Indeno(1,2,3-cd)pyrene	25.390	276	14870	0.407	ng	97
37) Benzo(b)fluoranthene	22.622	252	12307	0.379	ng	98
38) Benzo(k)fluoranthene	22.665	252	12455	0.393	ng	98
39) Benzo(a)pyrene	23.168	252	11371	0.419	ng	97
40) Dibenzo(a,h)anthracene	25.408	278	11641	0.397	ng	99
41) Benzo(g,h,i)perylene	26.036	276	11971	0.377	ng	99

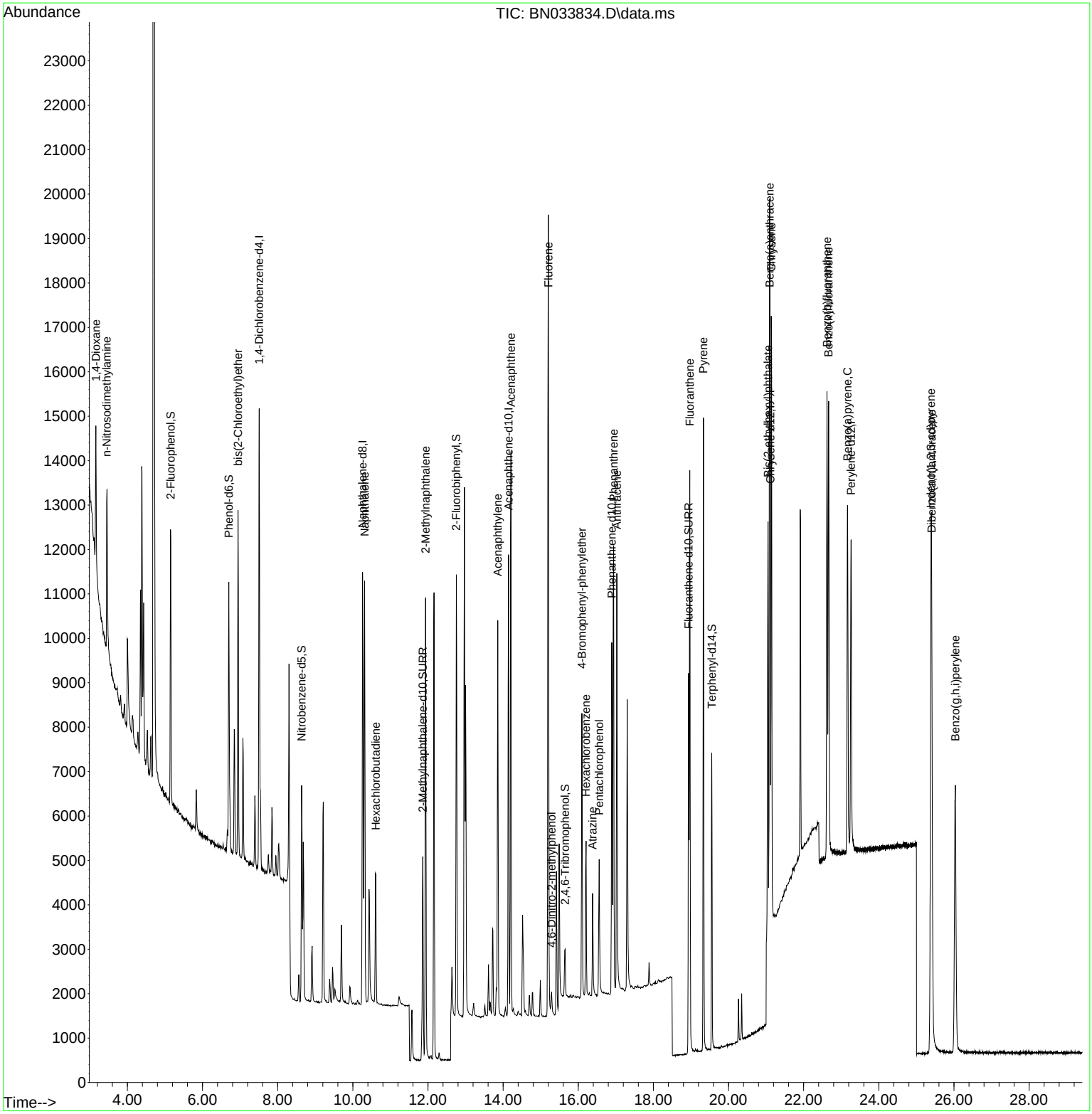
(#) = qualifier out of range (m) = manual integration (+) = signals summed

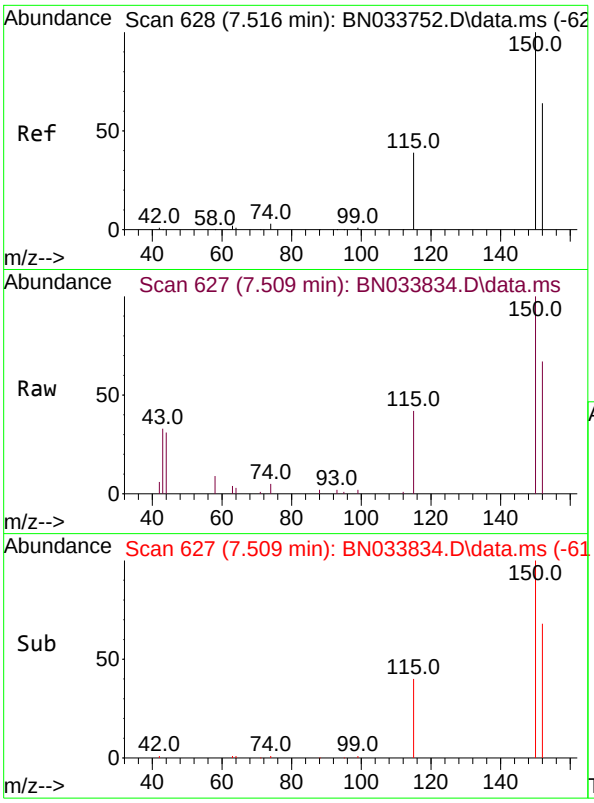
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033834.D
Acq On : 10 Sep 2024 01:44
Operator : MA/JU
Sample : PB163220BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Quant Time: Sep 10 03:20:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration



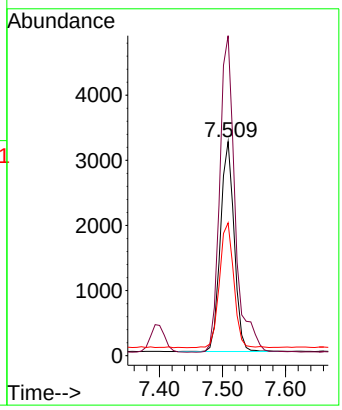


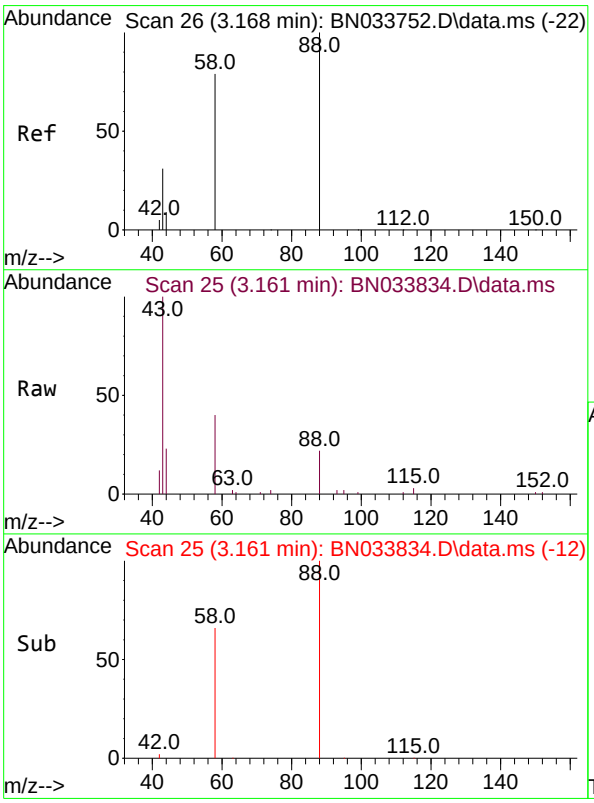
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.509 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:152 Resp: 4903

Ion	Ratio	Lower	Upper
152	100		
150	149.4	123.3	184.9
115	62.1	51.0	76.4

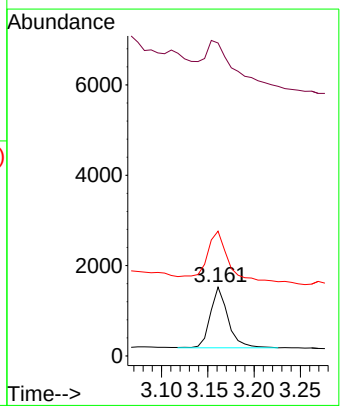


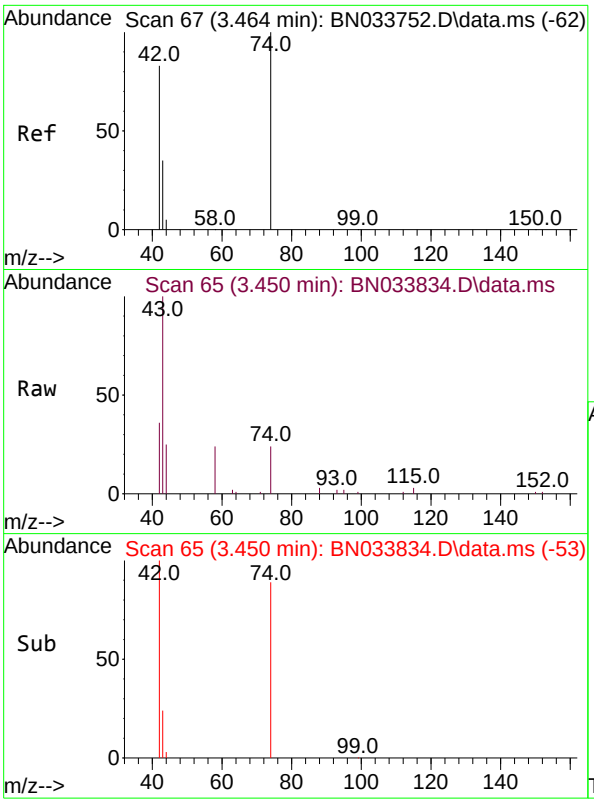


#2
1,4-Dioxane
Concen: 0.319 ng
RT: 3.161 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion: 88 Resp: 1782

Ion	Ratio	Lower	Upper
88	100		
43	127.8	29.0	43.4#
58	97.0	64.1	96.1#



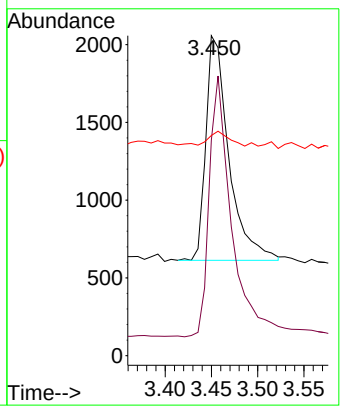


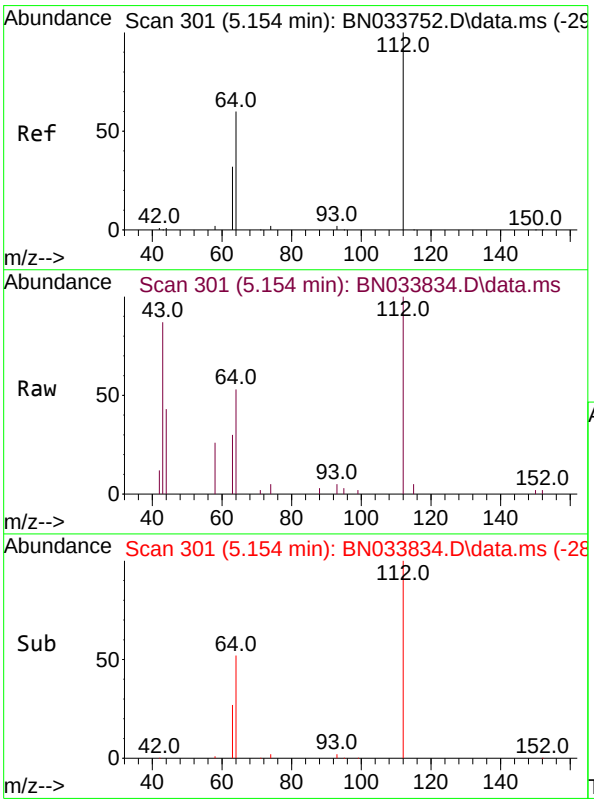
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.450 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion: 42 Resp: 2494

Ion	Ratio	Lower	Upper
42	100		
74	112.8	93.5	140.3
44	5.5	7.4	11.0#

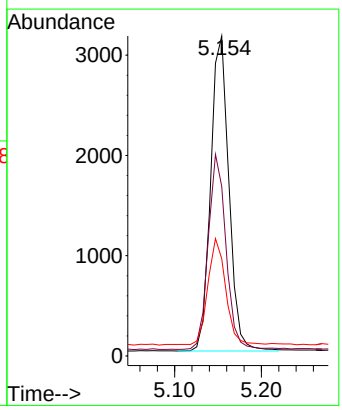


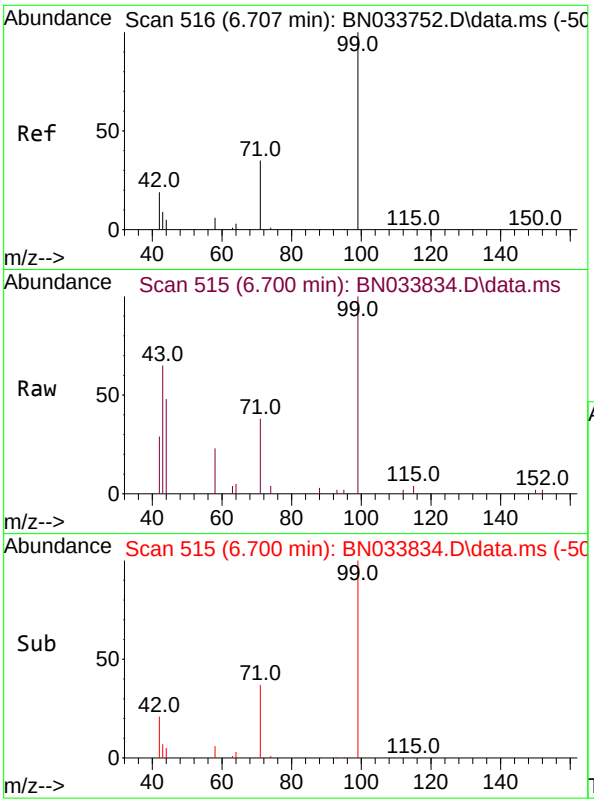


#4
2-Fluorophenol
Concen: 0.306 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:112 Resp: 4588

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.6	71.4
63	33.4	25.9	38.9



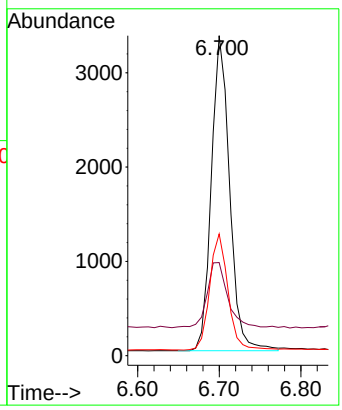


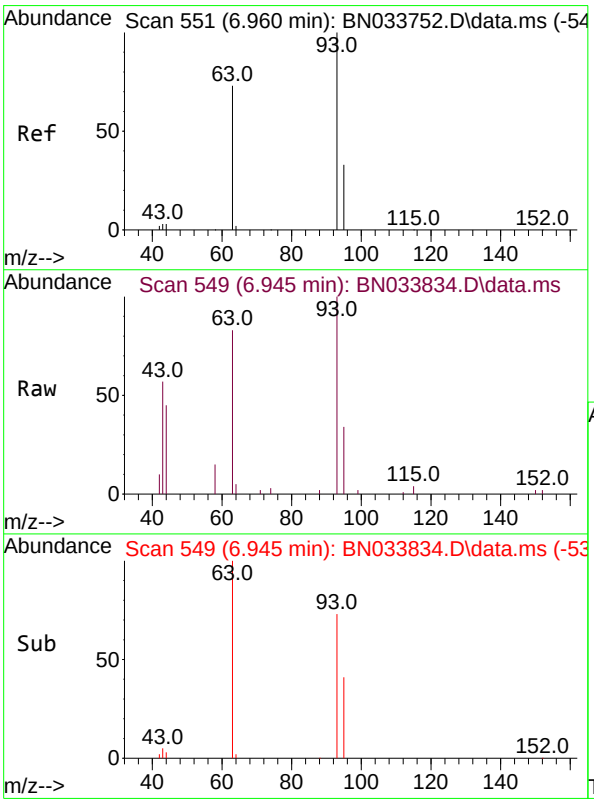
#5
Phenol-d6
Concen: 0.292 ng
RT: 6.700 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion: 99 Resp: 5195

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.0	27.0
71	36.9	28.7	43.1

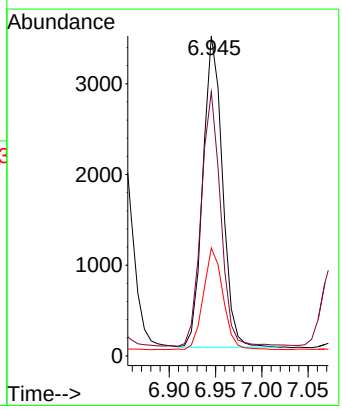


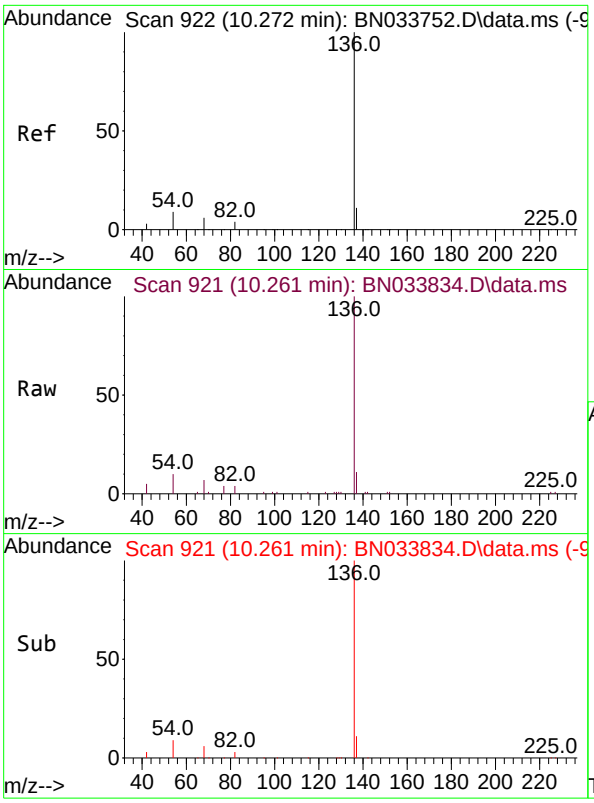


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 6.945 min Scan# 549
Delta R.T. -0.015 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion: 93 Resp: 5038

Ion	Ratio	Lower	Upper
93	100		
63	81.1	64.4	96.6
95	33.1	26.5	39.7



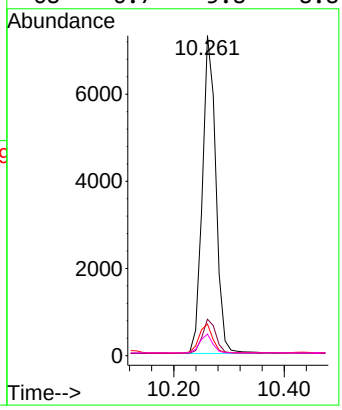


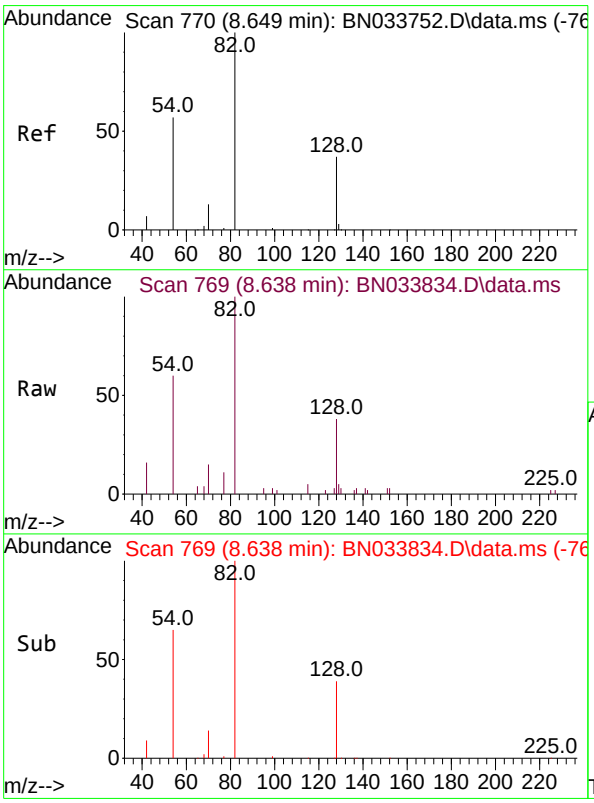
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:136 Resp: 12456

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.9	8.1	12.1
68	6.7	5.8	8.8

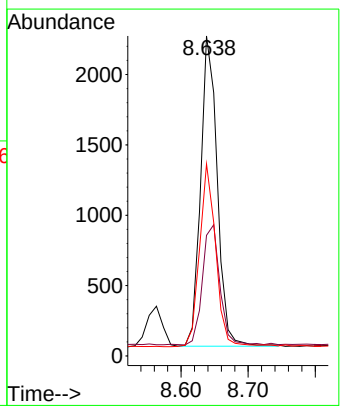


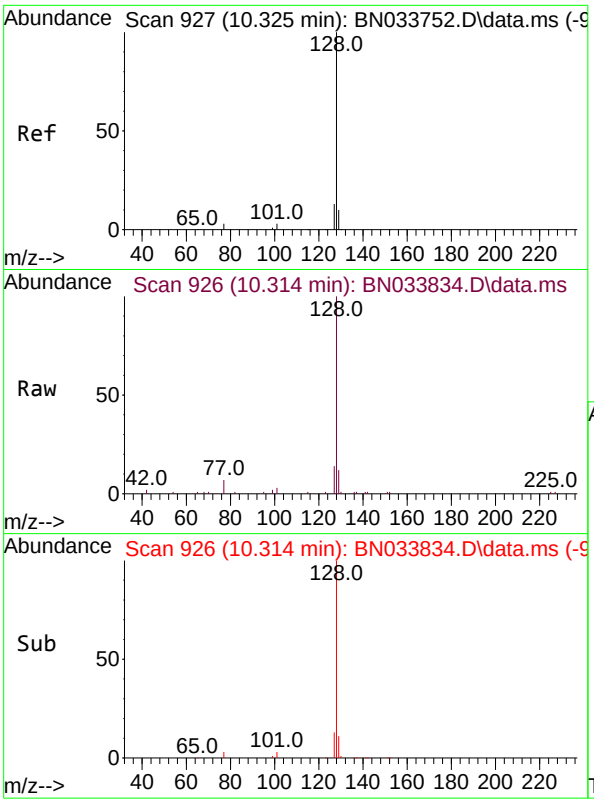


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.638 min Scan# 769
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion: 82 Resp: 3796

Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.3	46.9
54	60.0	46.9	70.3



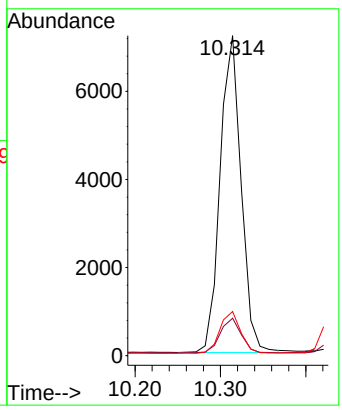


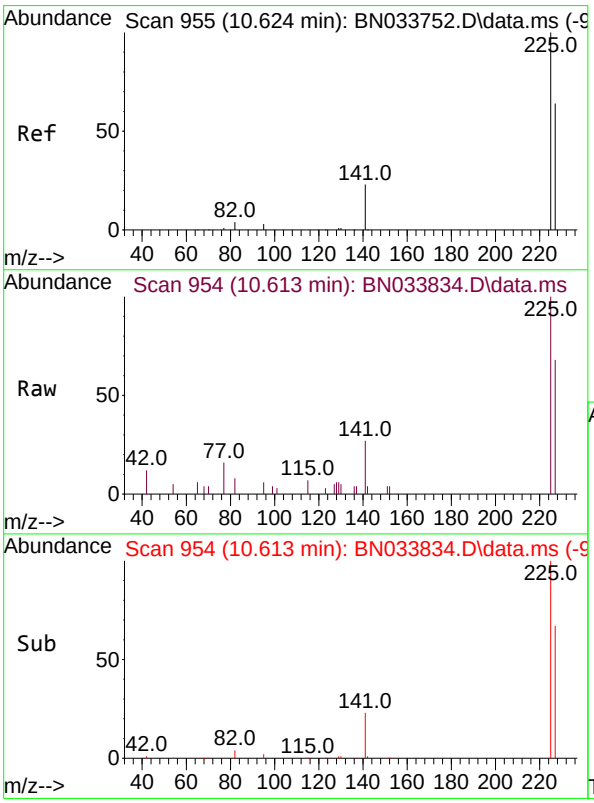
#9
Naphthalene
Concen: 0.368 ng
RT: 10.314 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:128 Resp: 12255

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.8	10.8	16.2

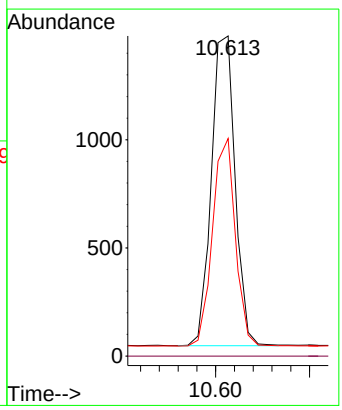


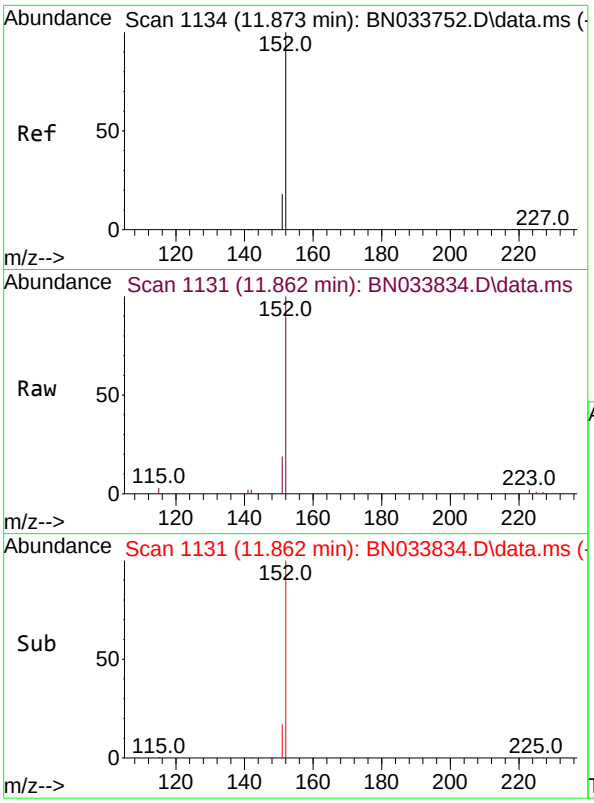


#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:225 Resp: 2519

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.2	76.8



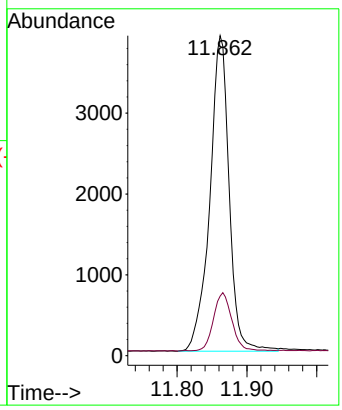


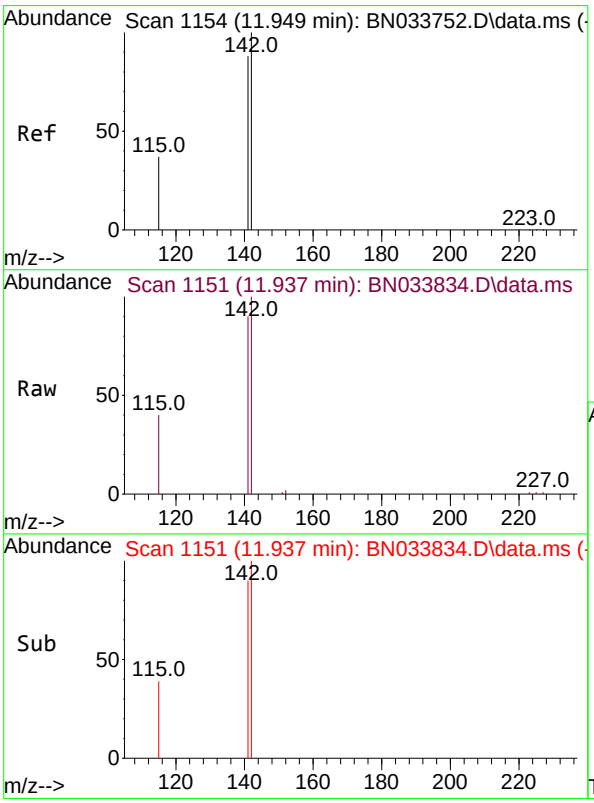
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 11.862 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:152 Resp: 7527

Ion	Ratio	Lower	Upper
152	100		
151	17.3	16.7	25.1

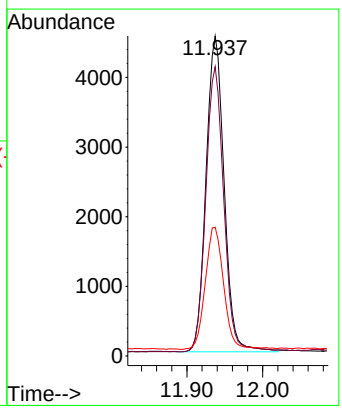


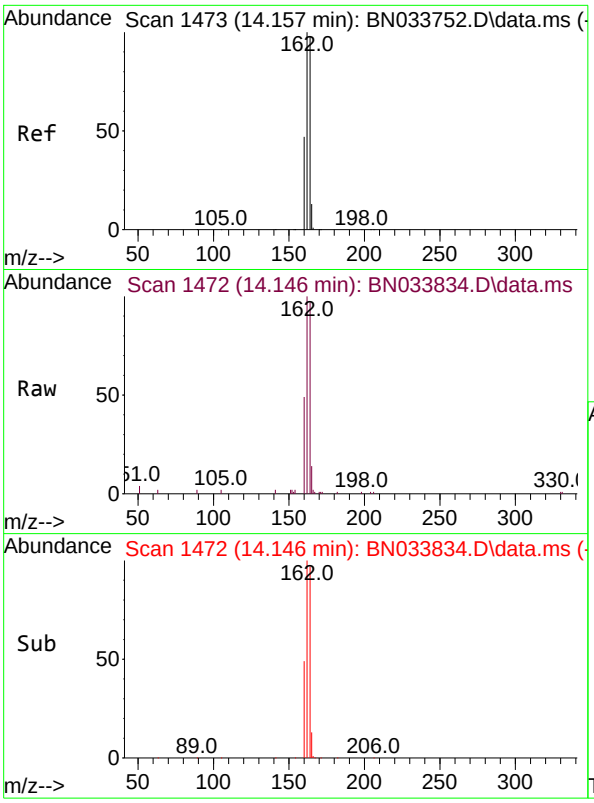


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 11.937 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:142 Resp: 7520

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.9	106.3
115	40.3	31.0	46.4



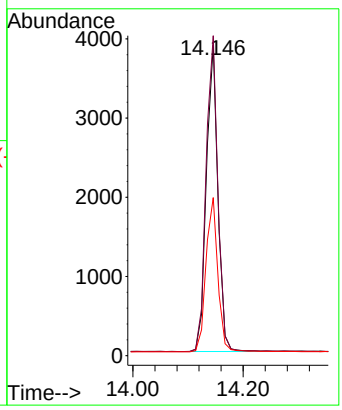


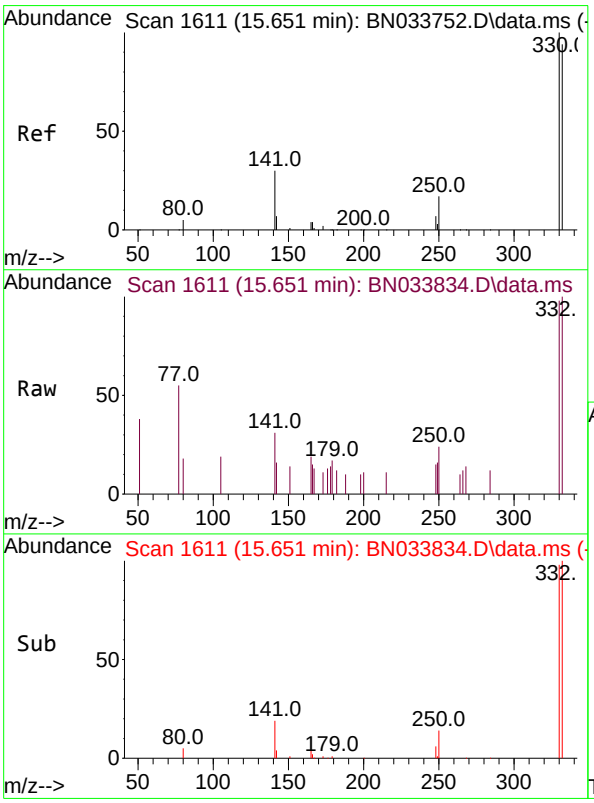
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:164 Resp: 5653

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.0	123.0
160	50.9	39.1	58.7

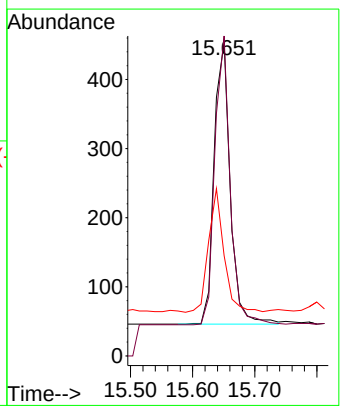


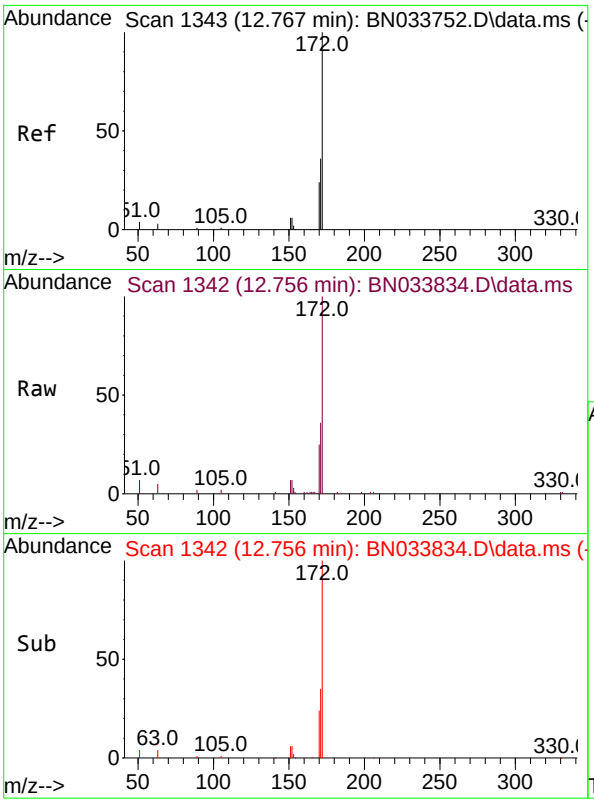


#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:330 Resp: 734

Ion	Ratio	Lower	Upper
330	100		
332	98.0	74.2	111.4
141	42.4	33.9	50.9



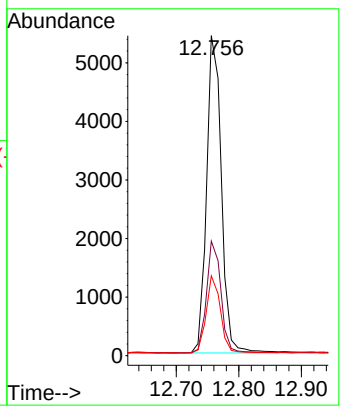


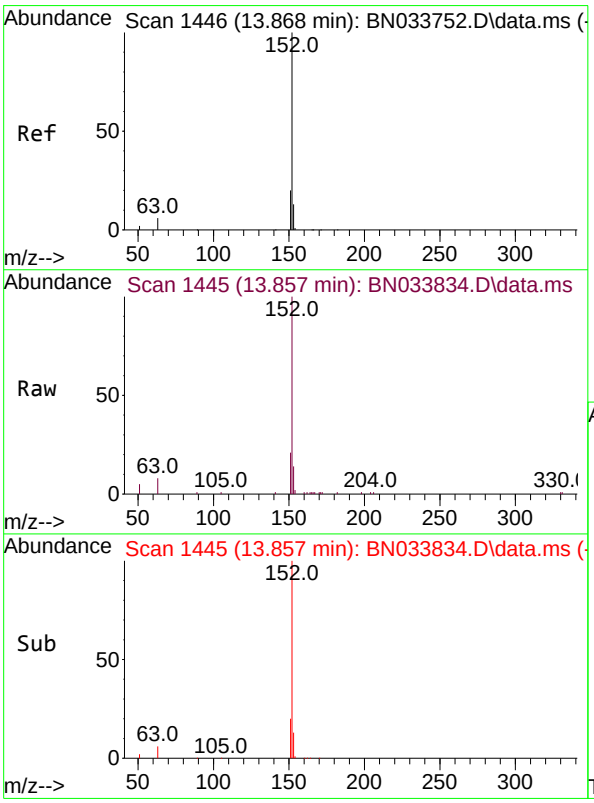
#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:172 Resp: 8885

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	25.0	19.7	29.5

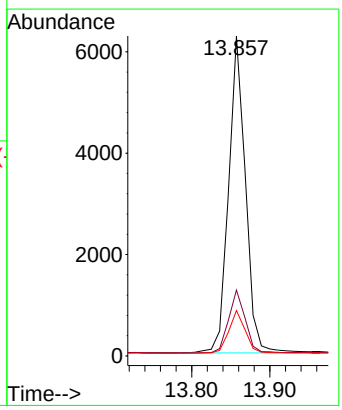


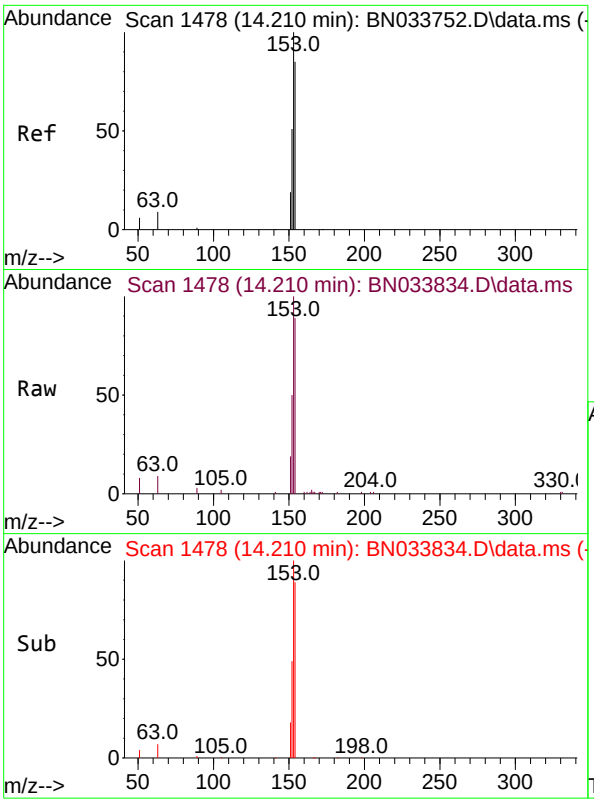


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.857 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:152 Resp: 9310

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.3	15.5



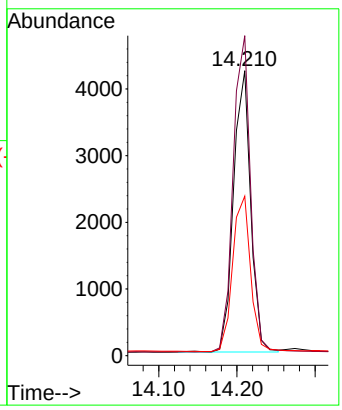


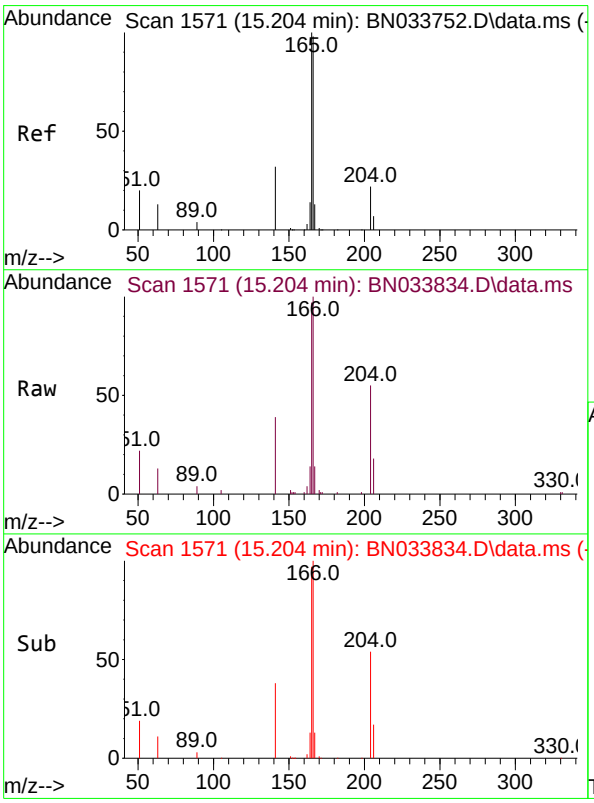
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.210 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:154 Resp: 6436

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.4	137.2
152	57.6	45.8	68.6

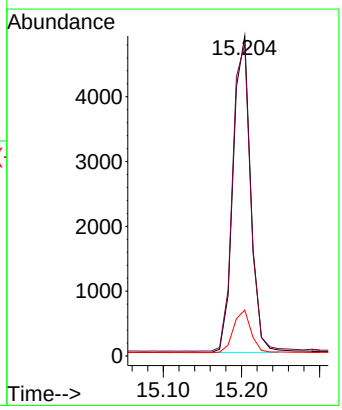


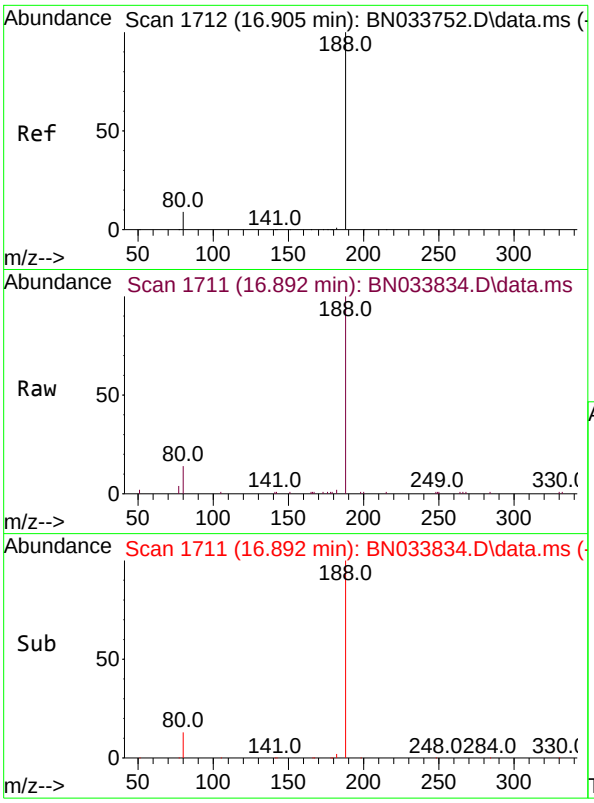


#18
Fluorene
Concen: 0.368 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:166 Resp: 7602

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	13.3	10.6	16.0



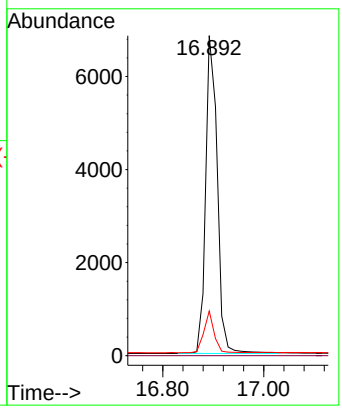


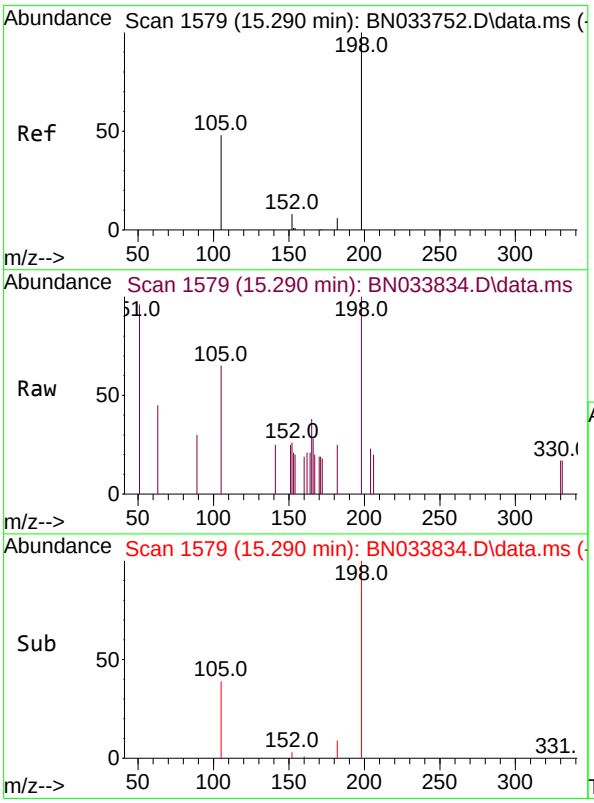
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:188 Resp: 10925

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.9	11.9#

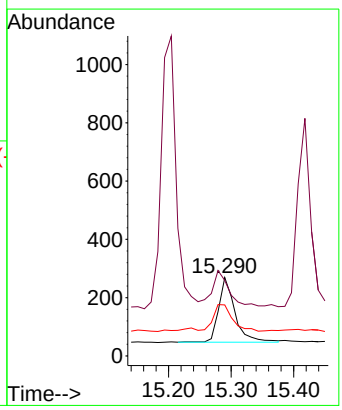


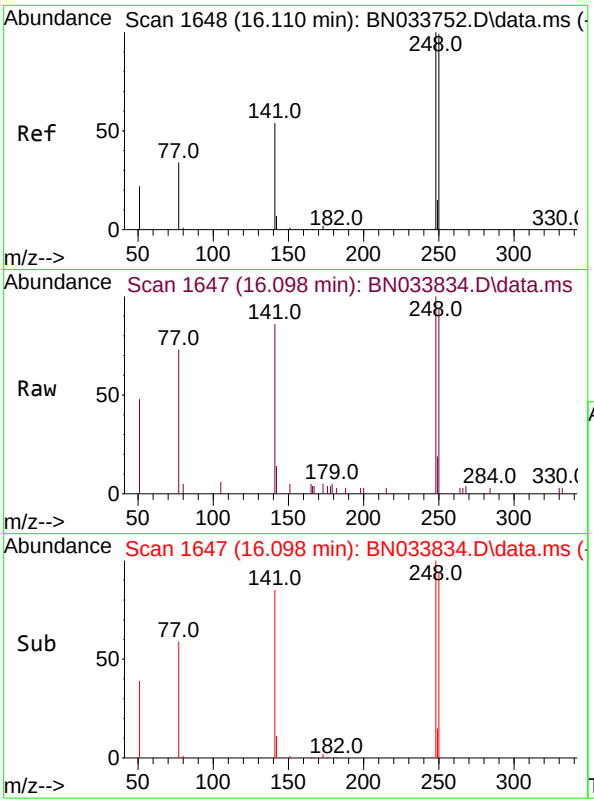


#20
4,6-Dinitro-2-methylphenol
Concen: 0.235 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:198 Resp: 405

Ion	Ratio	Lower	Upper
198	100		
51	96.3	92.8	139.2
105	65.1	59.4	89.0



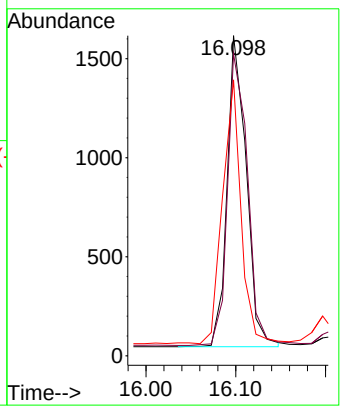


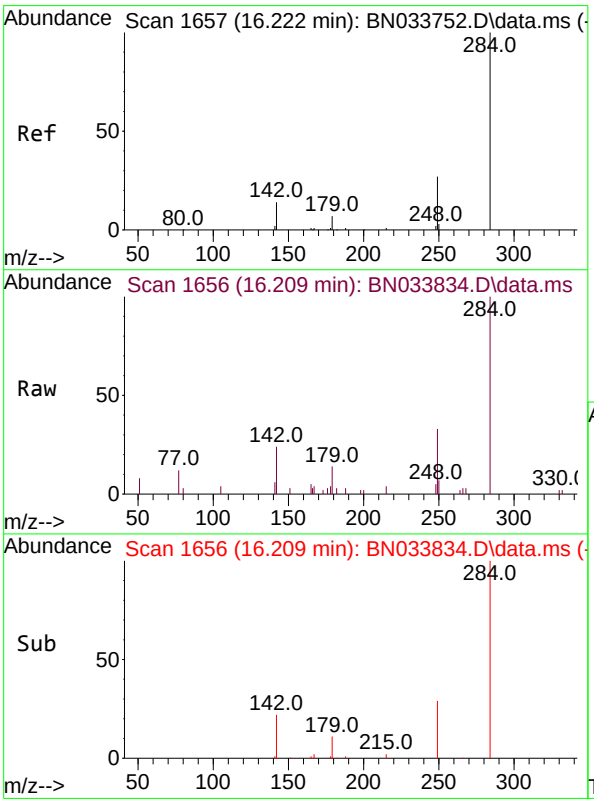
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.098 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:248 Resp: 2320

Ion	Ratio	Lower	Upper
248	100		
250	94.3	79.5	119.3
141	86.2	44.9	67.3#

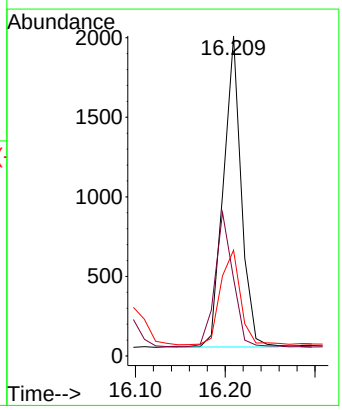


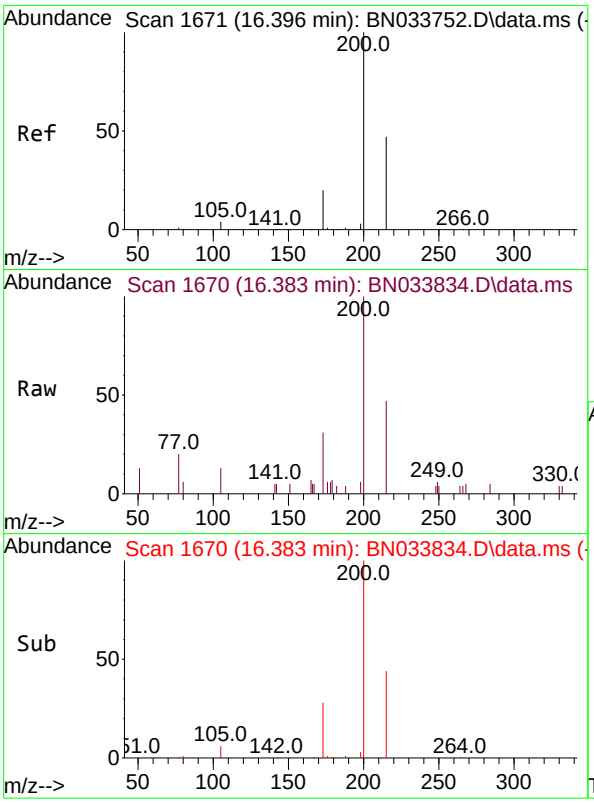


#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:284 Resp: 2699

Ion	Ratio	Lower	Upper
284	100		
142	43.2	32.8	49.2
249	34.1	26.2	39.2



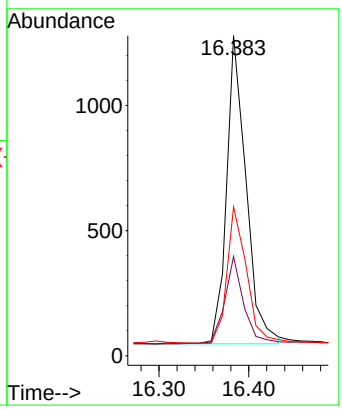


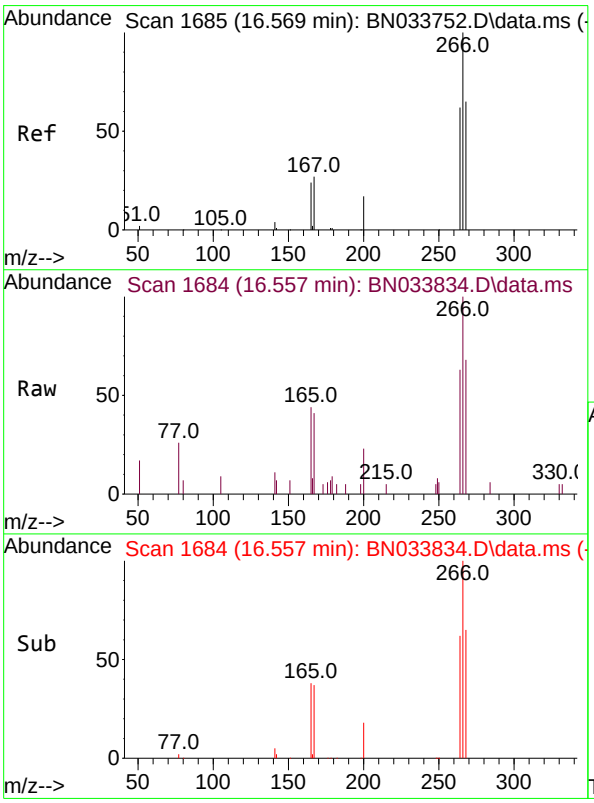
#23
Atrazine
Concen: 0.366 ng
RT: 16.383 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:200 Resp: 1849

Ion	Ratio	Lower	Upper
200	100		
173	31.0	18.2	27.4#
215	46.5	39.0	58.4

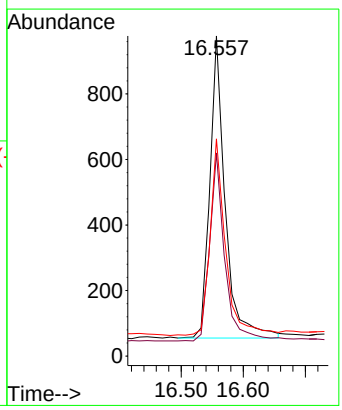


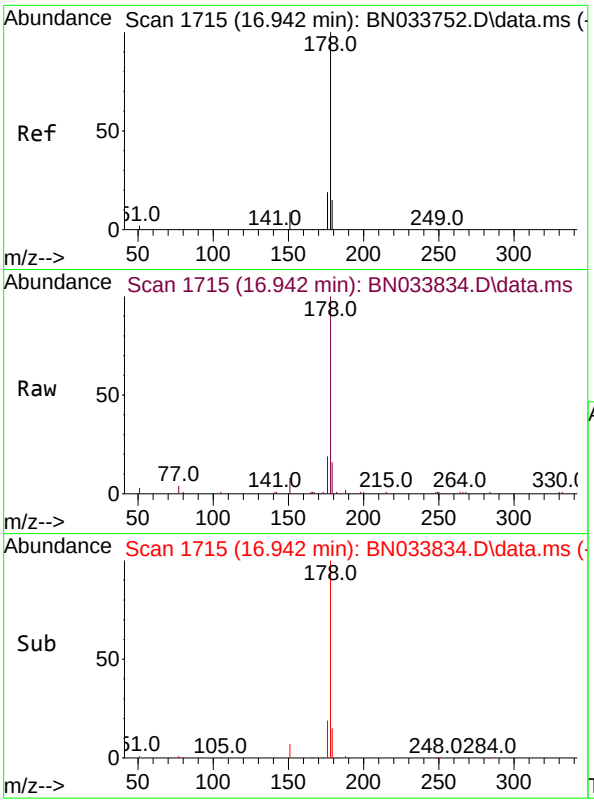


#24
Pentachlorophenol
Concen: 0.534 ng
RT: 16.557 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:266 Resp: 1585

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.6	74.4
268	65.5	52.2	78.4



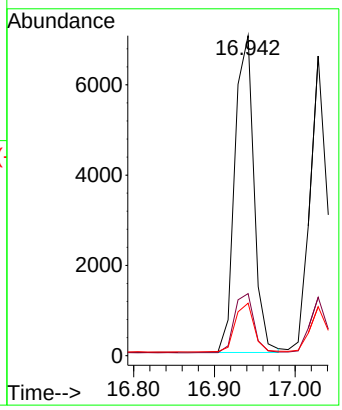


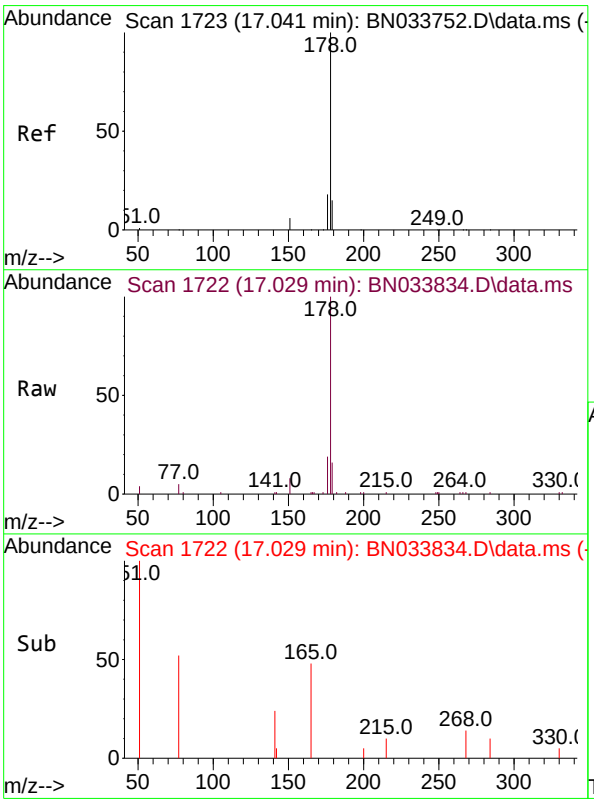
#25
Phenanthrene
Concen: 0.382 ng
RT: 16.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:178 Resp: 11494

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.2	18.4

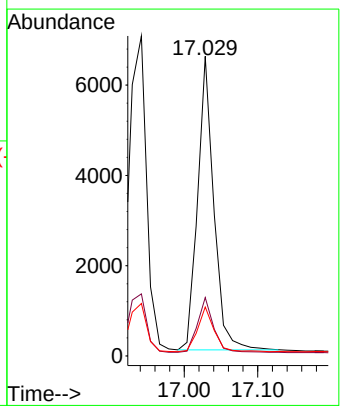


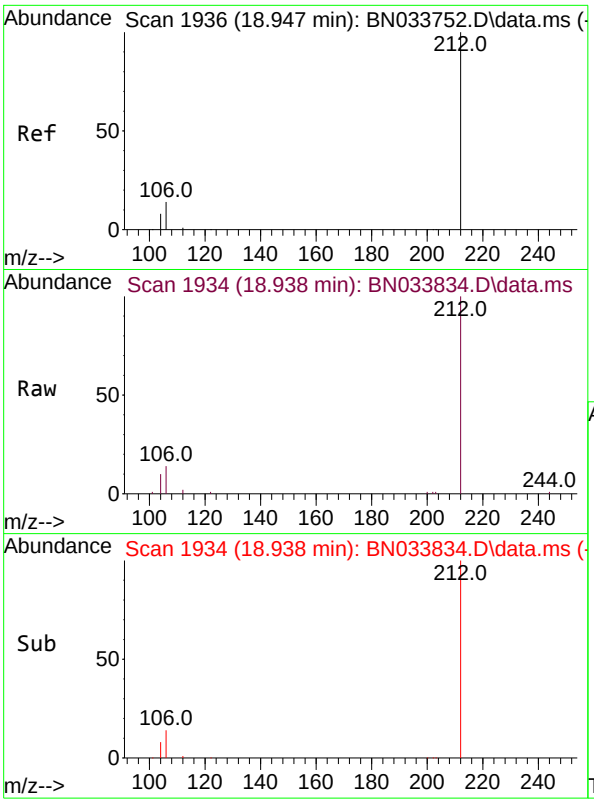


#26
Anthracene
Concen: 0.381 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:178 Resp: 9974

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.3	12.4	18.6



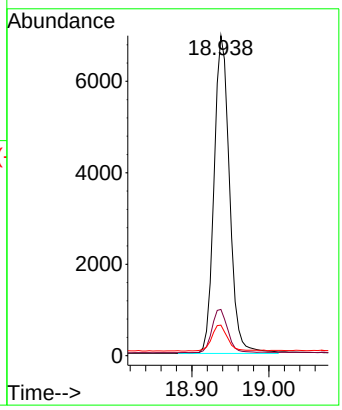


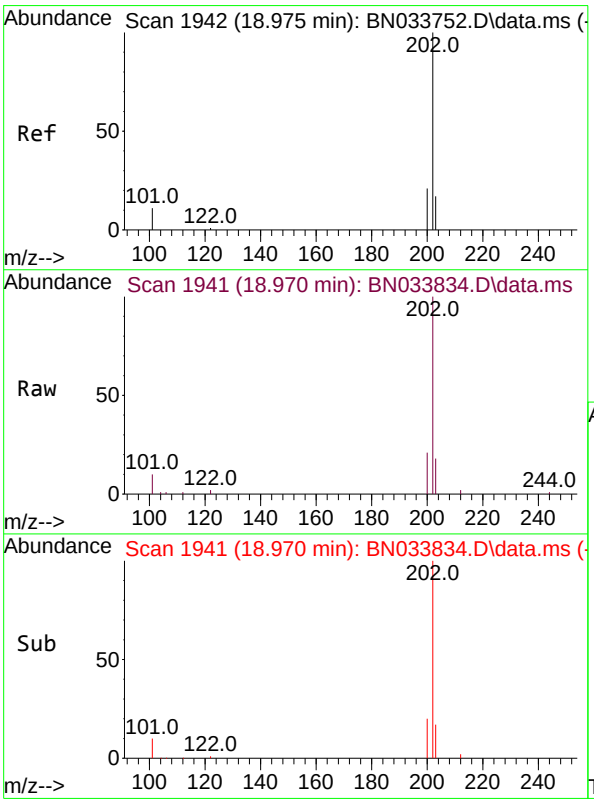
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 18.938 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:212 Resp: 9696

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.5	17.3
104	8.5	6.6	9.8

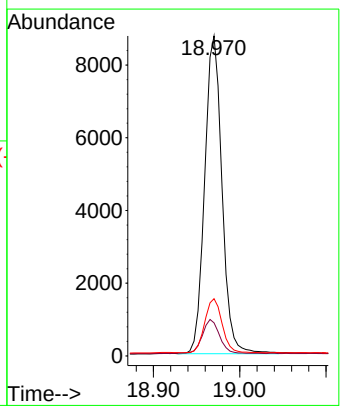


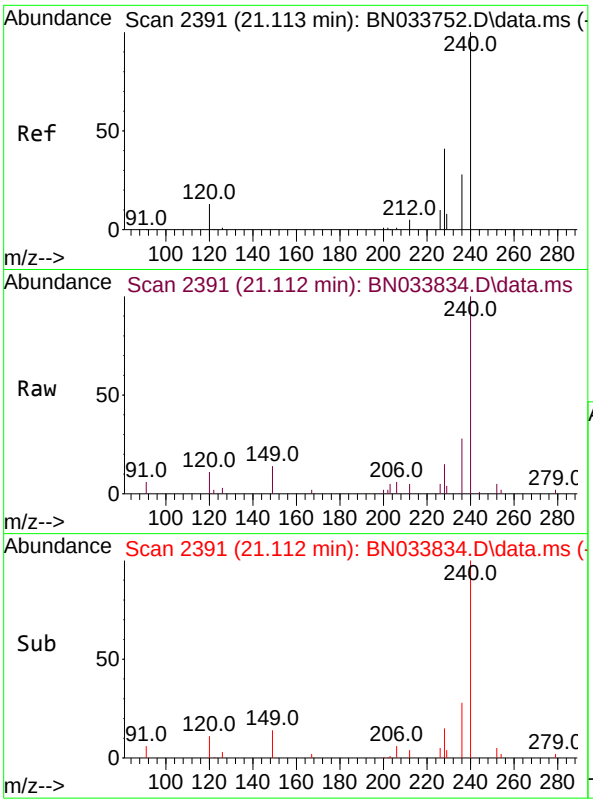


#28
Fluoranthene
Concen: 0.362 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:202 Resp: 12206

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.2	13.8
203	17.1	13.8	20.6



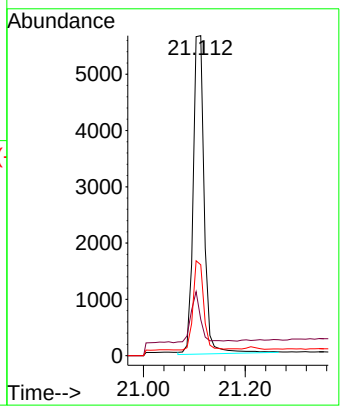


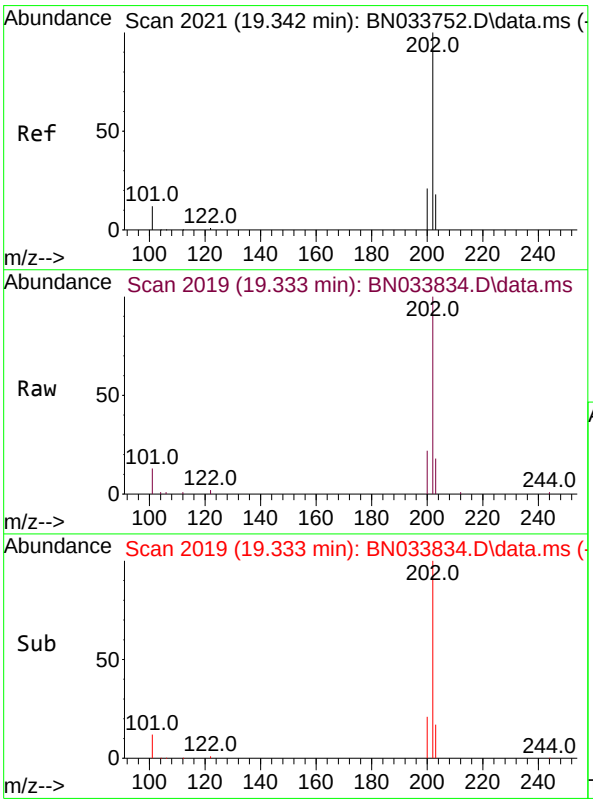
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:240 Resp: 8576

Ion	Ratio	Lower	Upper
240	100		
120	11.3	13.7	20.5#
236	28.4	23.4	35.2

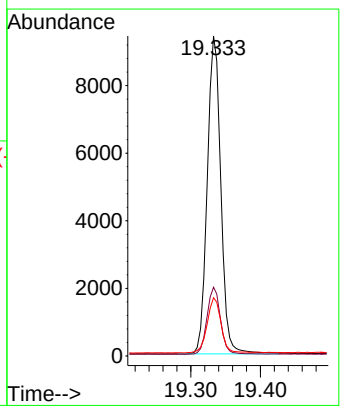


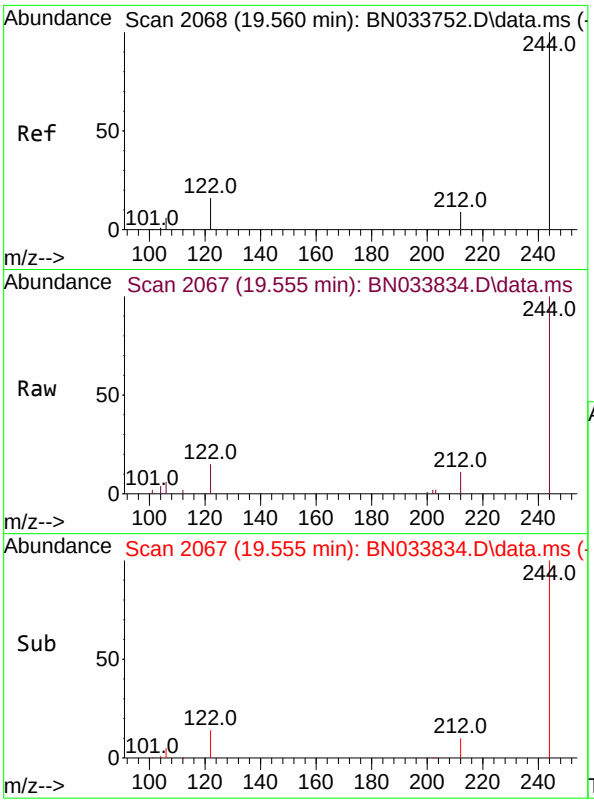


#30
Pyrene
Concen: 0.368 ng
RT: 19.333 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:202 Resp: 12723

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.7	14.4	21.6



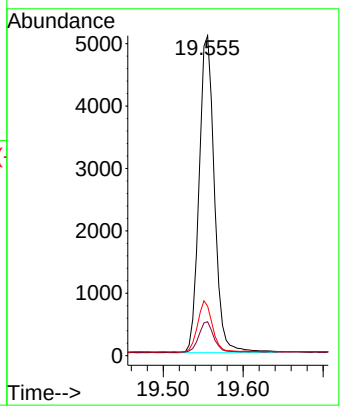


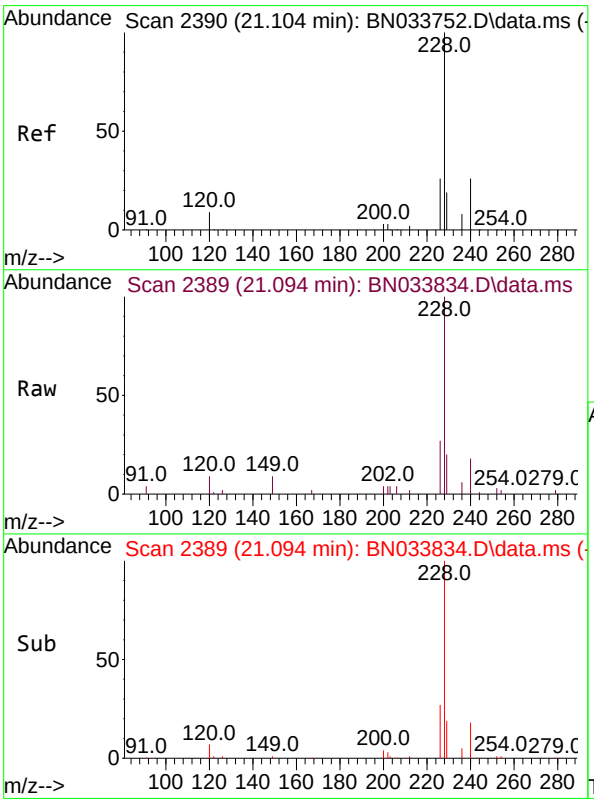
#31
Terphenyl-d14
Concen: 0.370 ng
RT: 19.555 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:244 Resp: 6770

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	15.5	13.2	19.8

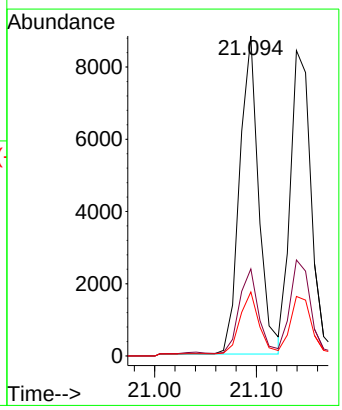


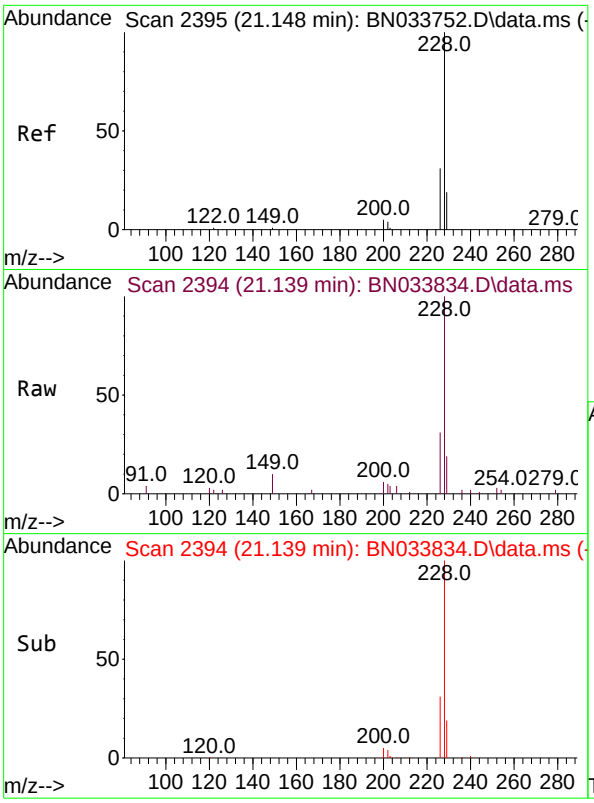


#32
Benzo(a)anthracene
Concen: 0.374 ng
RT: 21.094 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:228 Resp: 11449

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	20.0	15.9	23.9



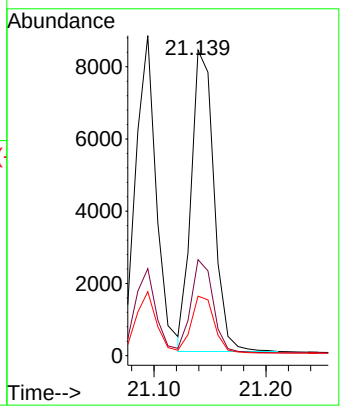


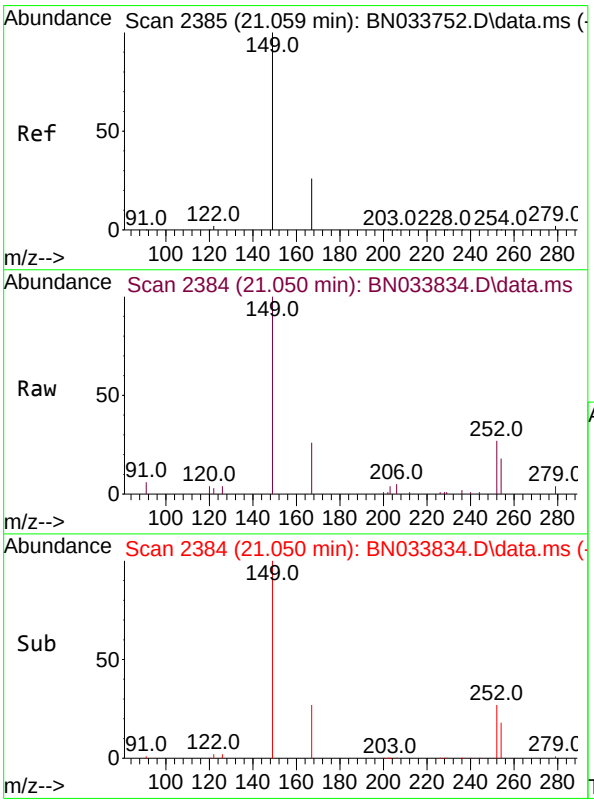
#33
Chrysene
Concen: 0.389 ng
RT: 21.139 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:228 Resp: 11789

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.5	15.6	23.4

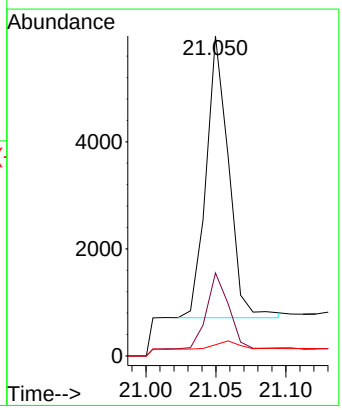


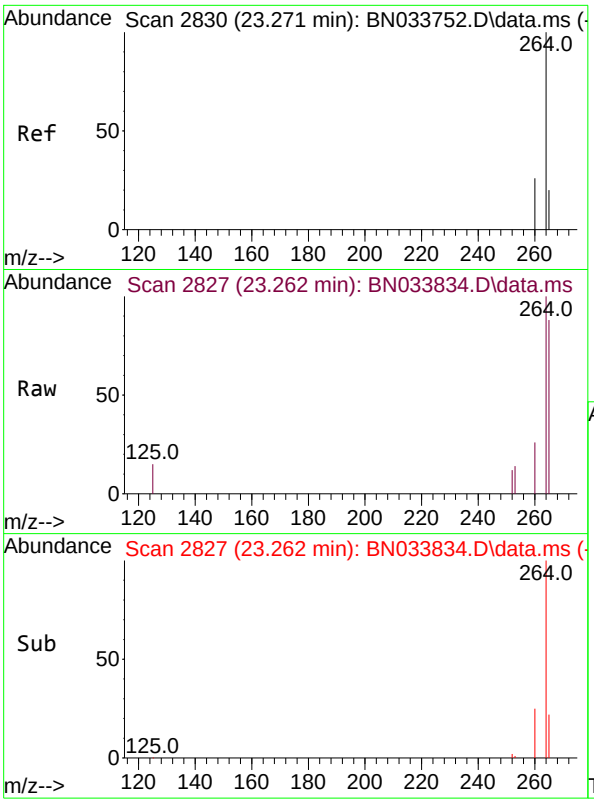


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.353 ng
RT: 21.050 min Scan# 2384
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:149 Resp: 5890

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.2	2.4	3.6



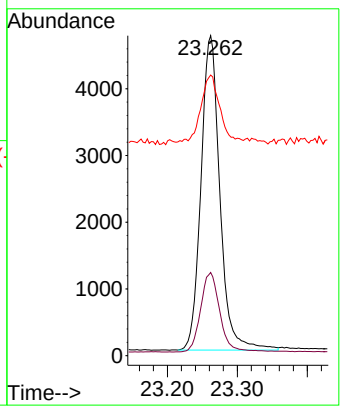


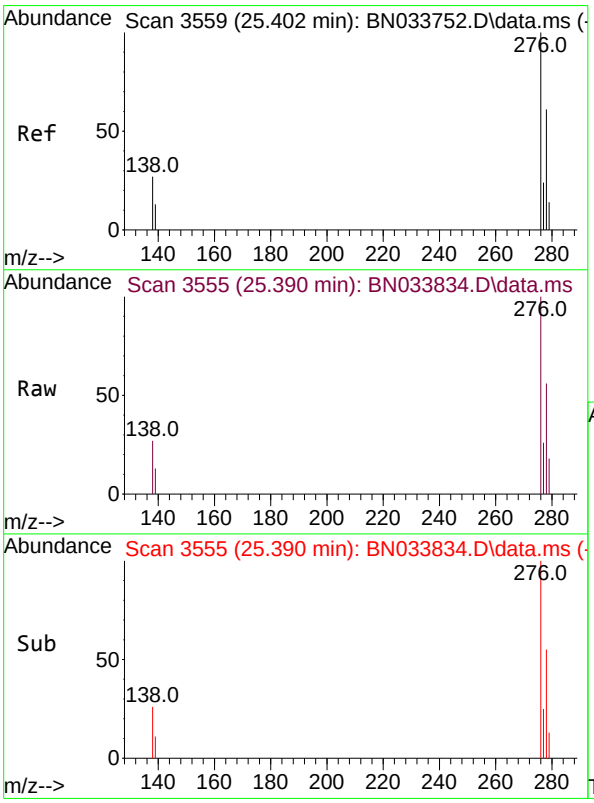
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.262 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:264 Resp: 8844

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.1	31.7
265	87.7	72.0	108.0

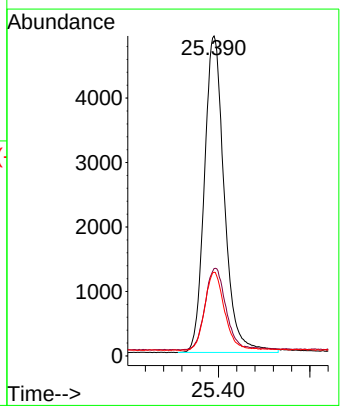


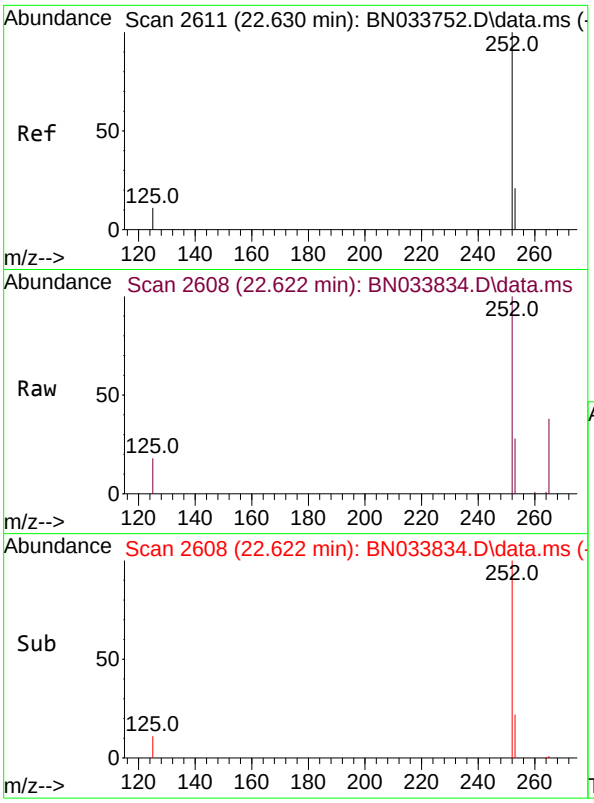


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 25.390 min Scan# 3555
Delta R.T. -0.012 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:276 Resp: 14870

Ion	Ratio	Lower	Upper
276	100		
138	26.8	23.0	34.6
277	24.6	20.2	30.4



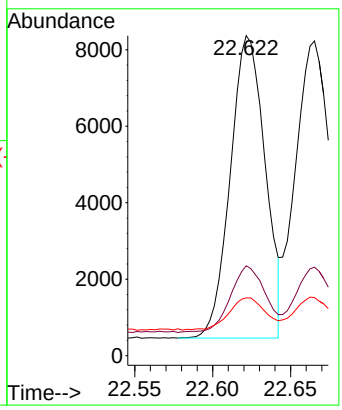


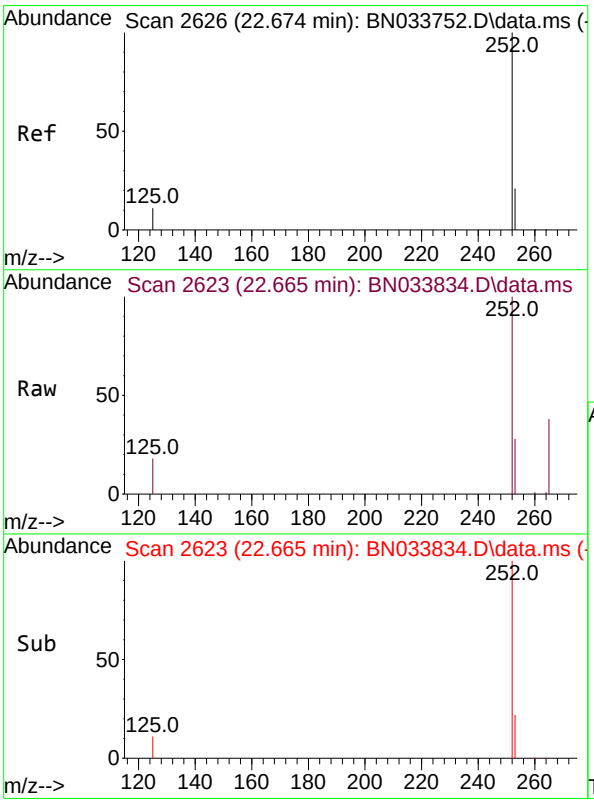
#37
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.622 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:252 Resp: 12307

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.8	32.6
125	18.1	15.4	23.0

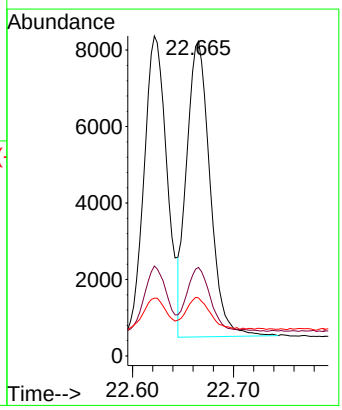


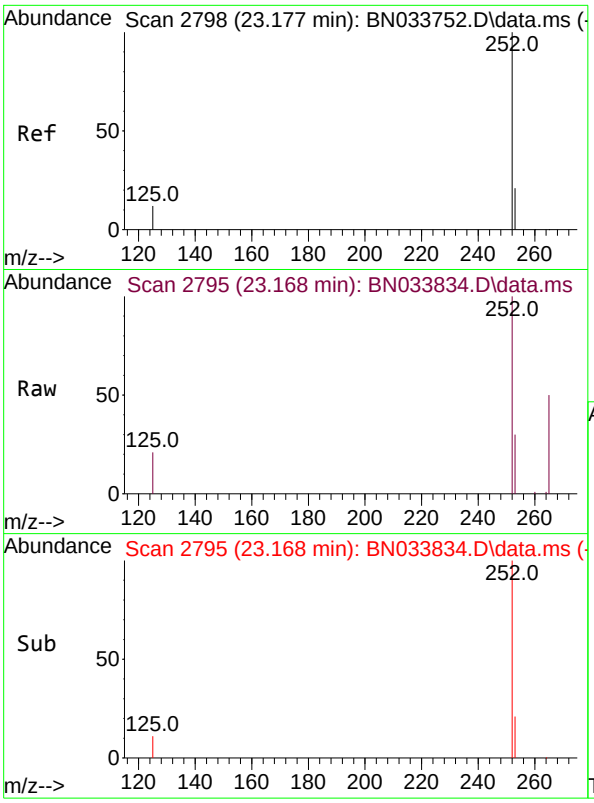


#38
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.665 min Scan# 2623
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:252 Resp: 12455

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.8	32.8
125	18.5	15.4	23.2



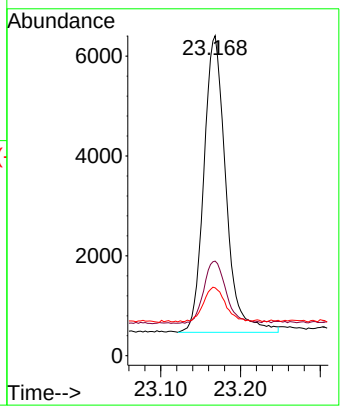


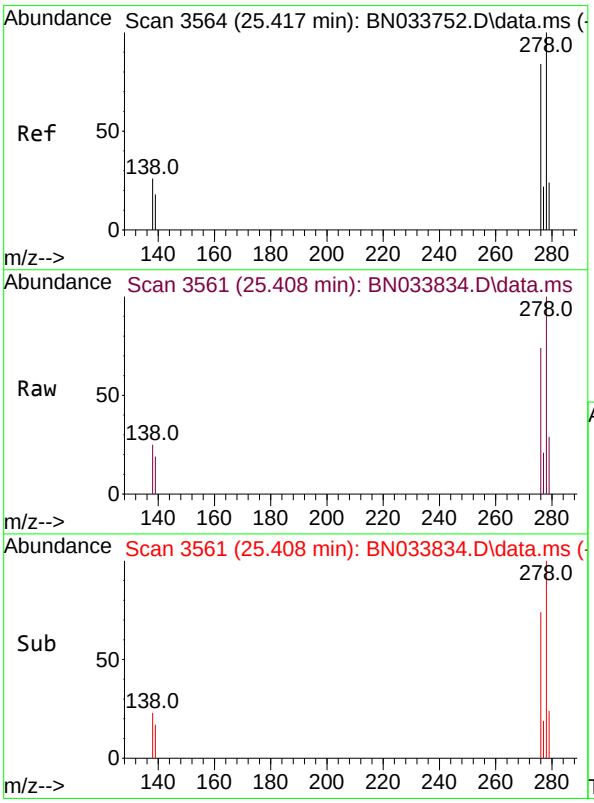
#39
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.168 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:252 Resp: 11371

Ion	Ratio	Lower	Upper
252	100		
253	29.6	24.0	36.0
125	21.2	19.1	28.7

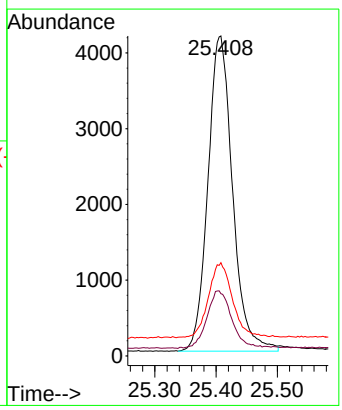


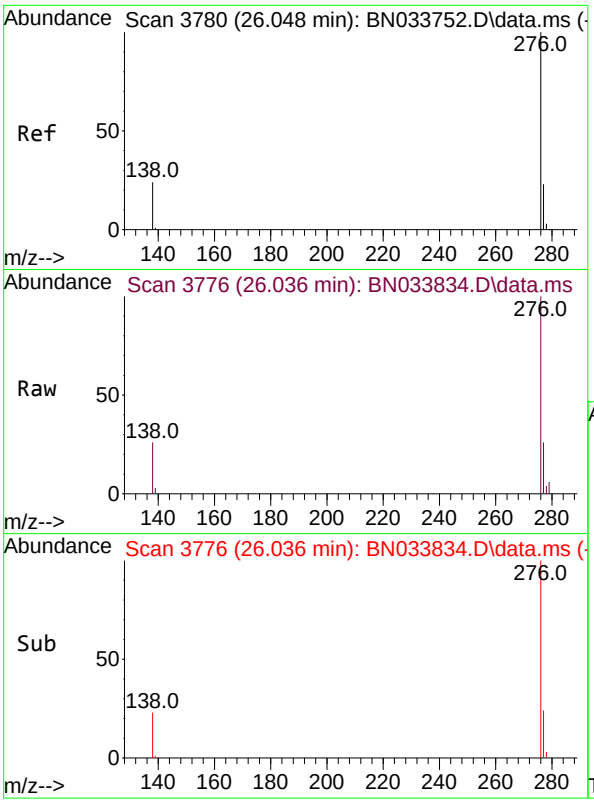


#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 25.408 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Tgt Ion:278 Resp: 11641

Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.7	25.1
279	29.1	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 26.036 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN033834.D
Acq: 10 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
PB163220BS

Tgt Ion:276 Resp: 11971

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	25.6	20.9	31.3