Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
Data File : BN034062.D
Acq On : 19 Sep 2024 23:55
Operator : JU/RC
Sample : PB163368BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Quant Time: Sep 20 02:31:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	6398	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	19035	0.400	ng		0.00
13) Acenaphthene-d10	14.083	164	10903	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	24994	0.400	ng	#	0.00
29) Chrysene-d12	21.053	240	19095	0.400	ng		0.00
35) Perylene-d12	23.180	264	18917	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	5880	0.324	ng		0.00
5) Phenol-d6	6.629	99	6619	0.313	ng		0.00
8) Nitrobenzene-d5	8.568	82	5227	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	11.791	152	10248	0.365	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	1462	0.296	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	17343	0.391	ng		0.00
27) Fluoranthene-d10	18.881	212	23171	0.367	ng		0.00
31) Terphenyl-d14	19.498	244	13585	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.076	88	3280	0.410	ng		94
3) n-Nitrosodimethylamine	3.372	42	3559	0.391	ng	#	95
6) bis(2-Chloroethyl)ether	6.874	93	6942	0.372	ng		98
9) Naphthalene	10.233	128	20444	0.391	ng		99
10) Hexachlorobutadiene	10.532	225	4025	0.409	ng	#	100
12) 2-Methylnaphthalene	11.867	142	13140	0.386	ng		99
16) Acenaphthylene	13.795	152	17695	0.379	ng		100
17) Acenaphthene	14.137	154	13341	0.399	ng		100
18) Fluorene	15.142	166	17654	0.402	ng		100
20) 4,6-Dinitro-2-methylph...	15.238	198	975	0.348	ng	#	76
21) 4-Bromophenyl-phenylether	16.039	248	5459	0.388	ng	#	86
22) Hexachlorobenzene	16.151	284	6286	0.399	ng		99
23) Atrazine	16.324	200	4035	0.347	ng		95
24) Pentachlorophenol	16.498	266	1466	0.281	ng		98
25) Phenanthrene	16.870	178	28594	0.398	ng		100
26) Anthracene	16.970	178	22476	0.384	ng		99
28) Fluoranthene	18.913	202	32703	0.393	ng		100
30) Pyrene	19.275	202	33063	0.410	ng		100
32) Benzo(a)anthracene	21.035	228	23224	0.384	ng		99
33) Chrysene	21.089	228	30334	0.421	ng		100
34) Bis(2-ethylhexyl)phtha...	21.008	149	5364	0.213	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.265	276	30714	0.379	ng		100
37) Benzo(b)fluoranthene	22.552	252	28898	0.390	ng		100
38) Benzo(k)fluoranthene	22.595	252	33009	0.424	ng		98
39) Benzo(a)pyrene	23.087	252	23469	0.389	ng		98
40) Dibenzo(a,h)anthracene	25.279	278	23245	0.369	ng		99
41) Benzo(g,h,i)perylene	25.899	276	26269	0.371	ng		99

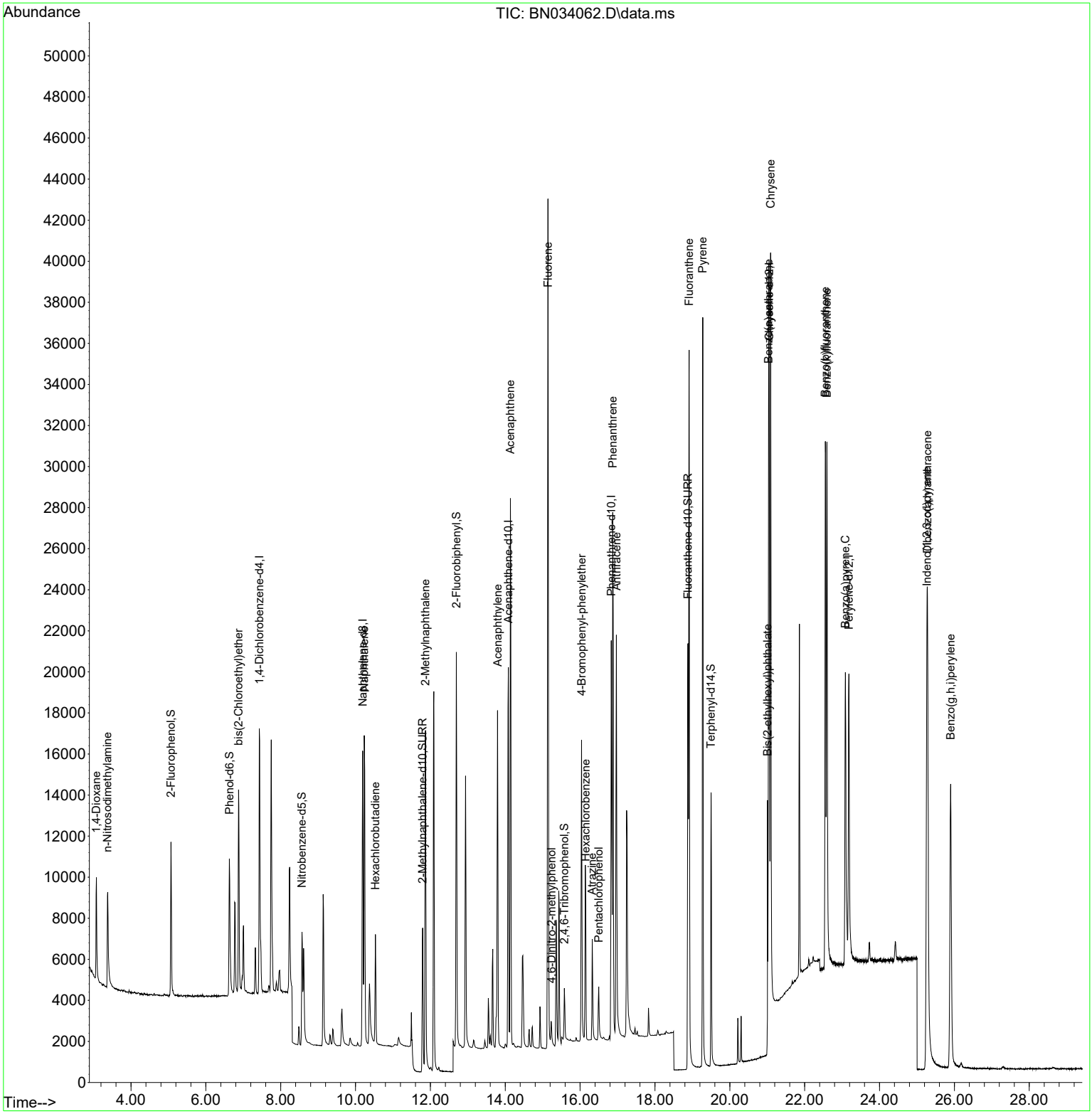
(#) = qualifier out of range (m) = manual integration (+) = signals summed

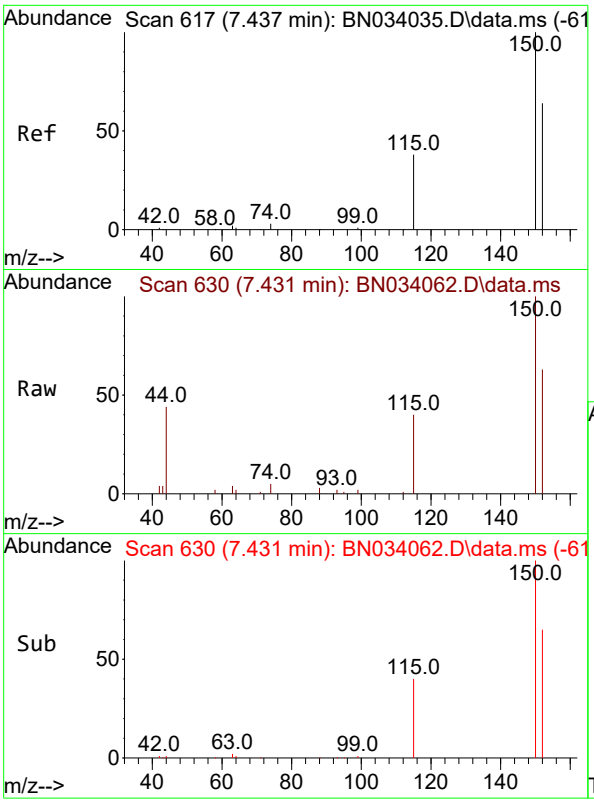
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
Data File : BN034062.D
Acq On : 19 Sep 2024 23:55
Operator : JU/RC
Sample : PB163368BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Quant Time: Sep 20 02:31:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



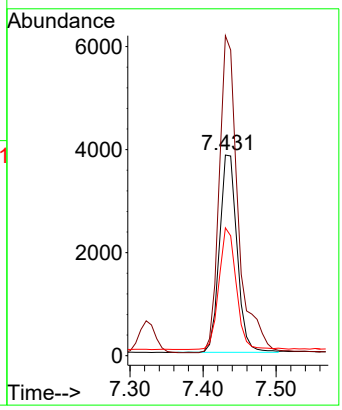


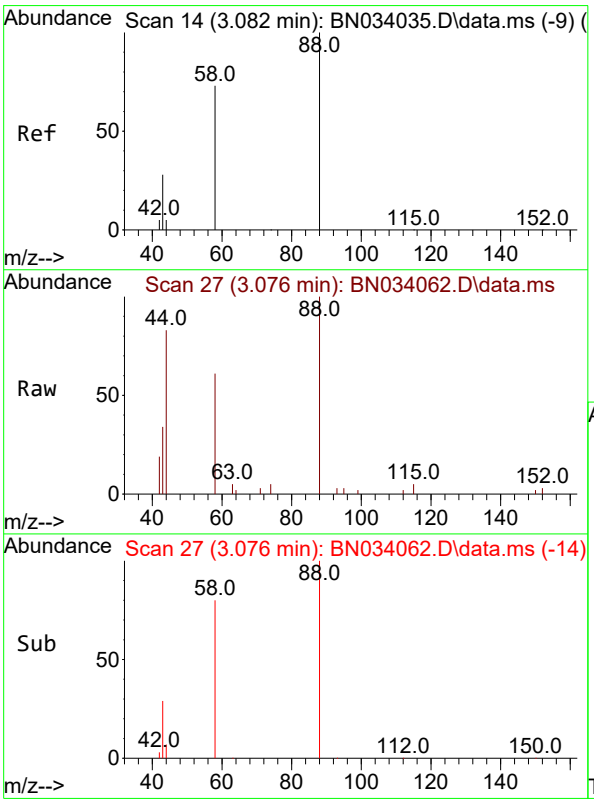
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:152 Resp: 6398

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	187.0
115	63.7	50.0	75.0

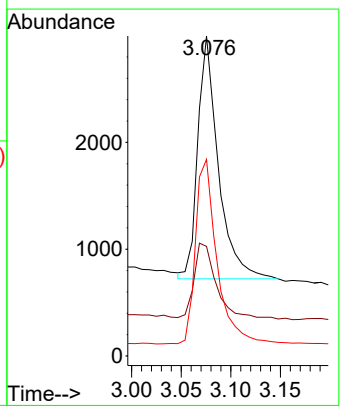


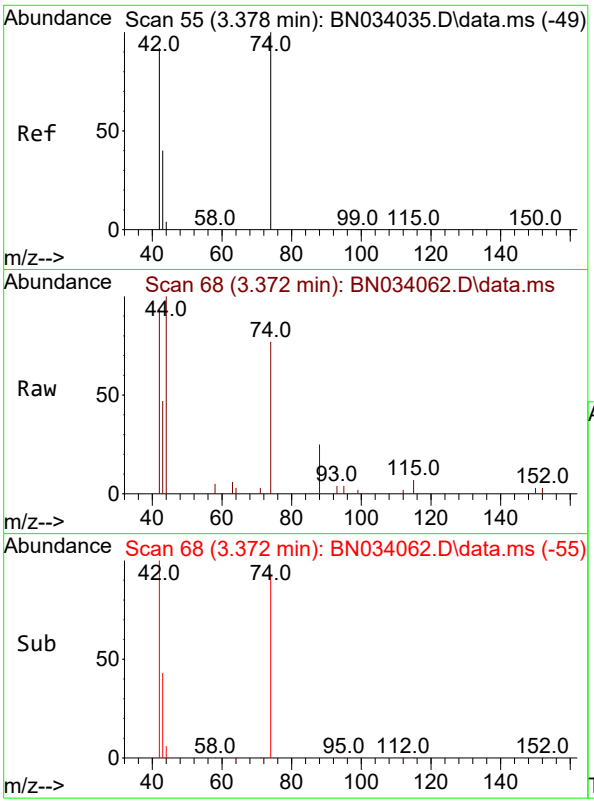


#2
1,4-Dioxane
Concen: 0.410 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion: 88 Resp: 3280

Ion	Ratio	Lower	Upper
88	100		
43	34.1	25.8	38.8
58	79.7	58.8	88.2



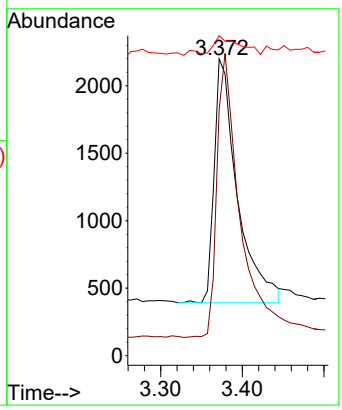


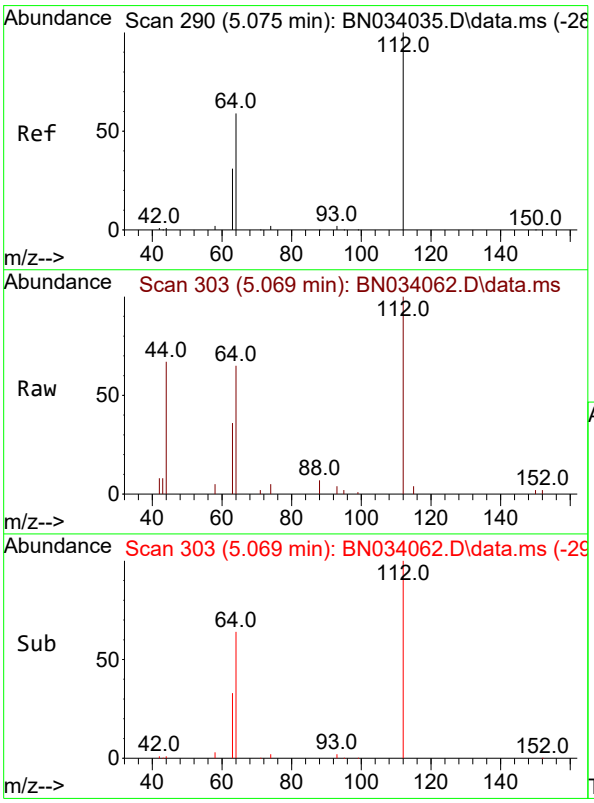
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.372 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion: 42 Resp: 3559

Ion	Ratio	Lower	Upper
42	100		
74	114.5	94.6	142.0
44	8.1	12.4	18.6#

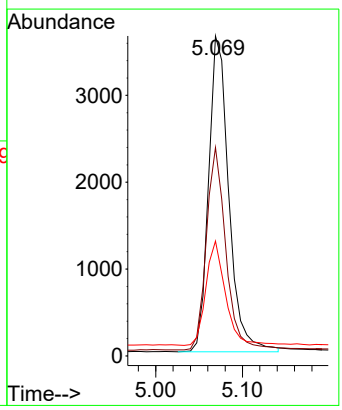


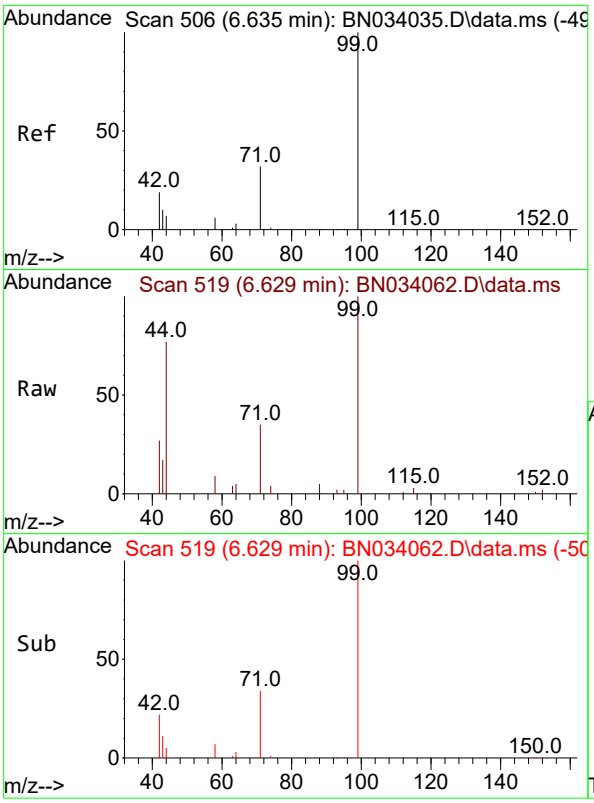


#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:112 Resp: 5880

Ion	Ratio	Lower	Upper
112	100		
64	61.9	48.6	72.8
63	32.1	25.6	38.4



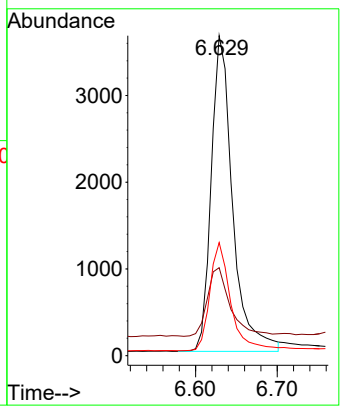


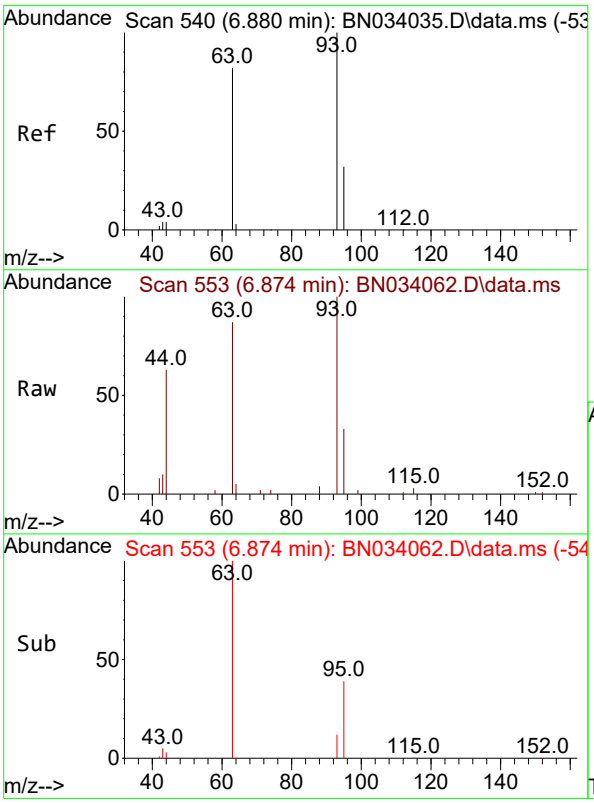
#5
Phenol-d6
Concen: 0.313 ng
RT: 6.629 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion: 99 Resp: 6619

Ion	Ratio	Lower	Upper
99	100		
42	23.4	17.8	26.8
71	33.6	26.2	39.2

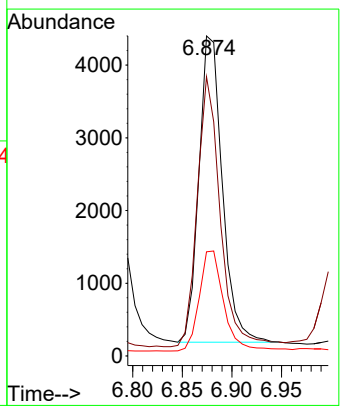


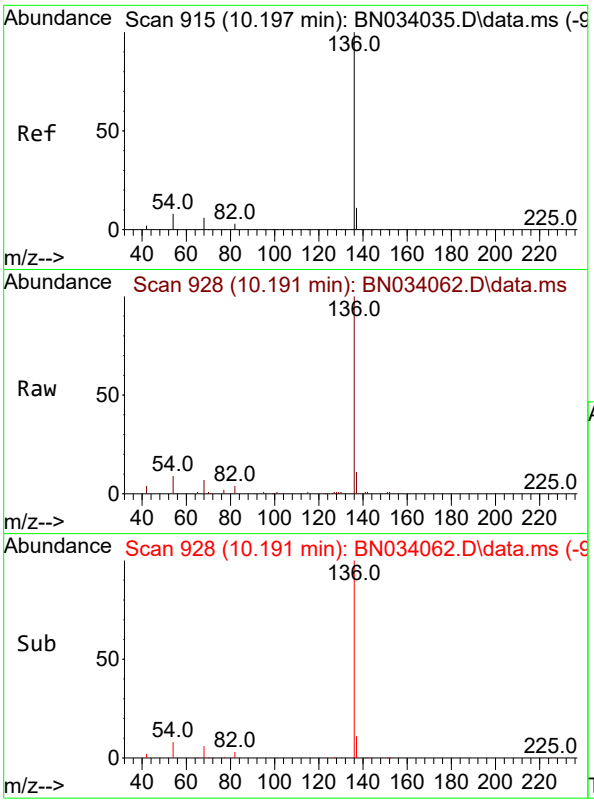


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 6.874 min Scan# 553
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion: 93 Resp: 6942

Ion	Ratio	Lower	Upper
93	100		
63	86.5	67.3	100.9
95	34.2	26.8	40.2



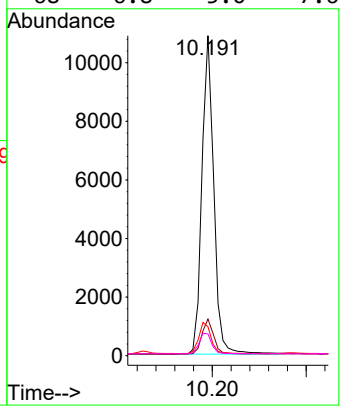


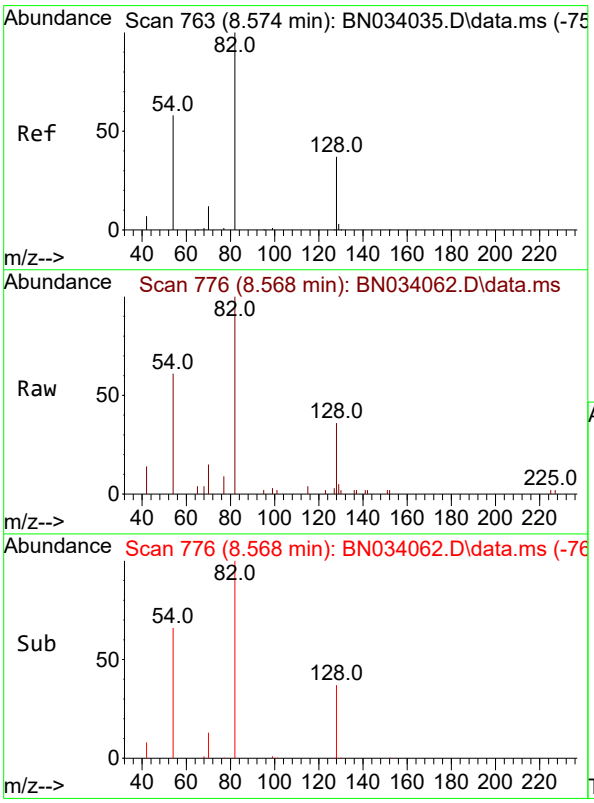
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:136 Resp: 19035

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.1	6.8	10.2
68	6.8	5.0	7.6

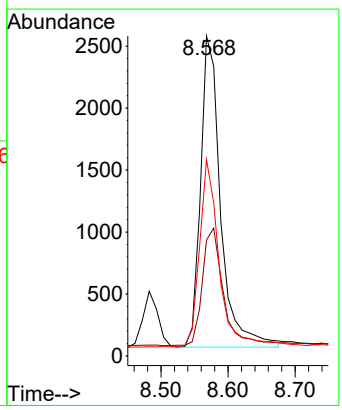


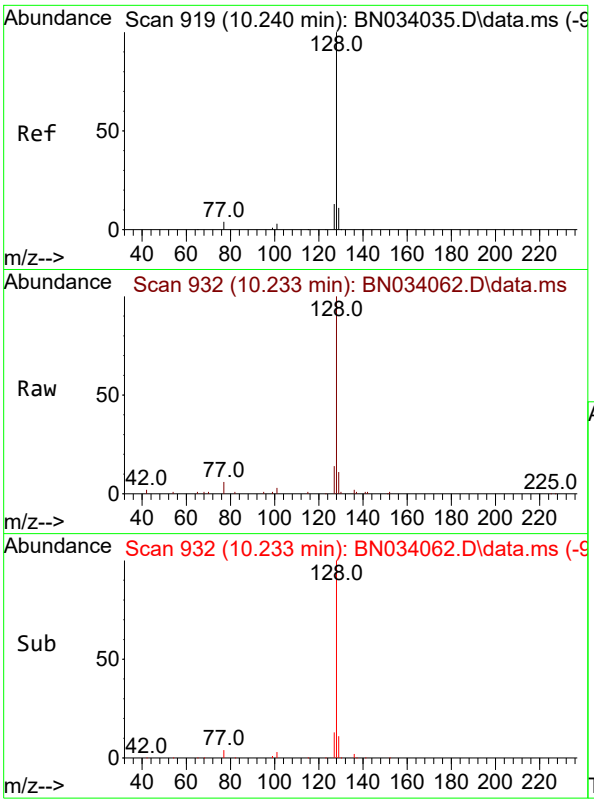


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion: 82 Resp: 5227

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.4	47.2
54	61.3	47.4	71.0



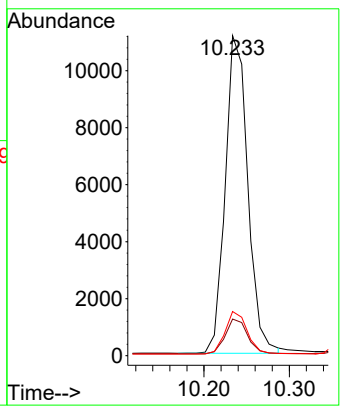


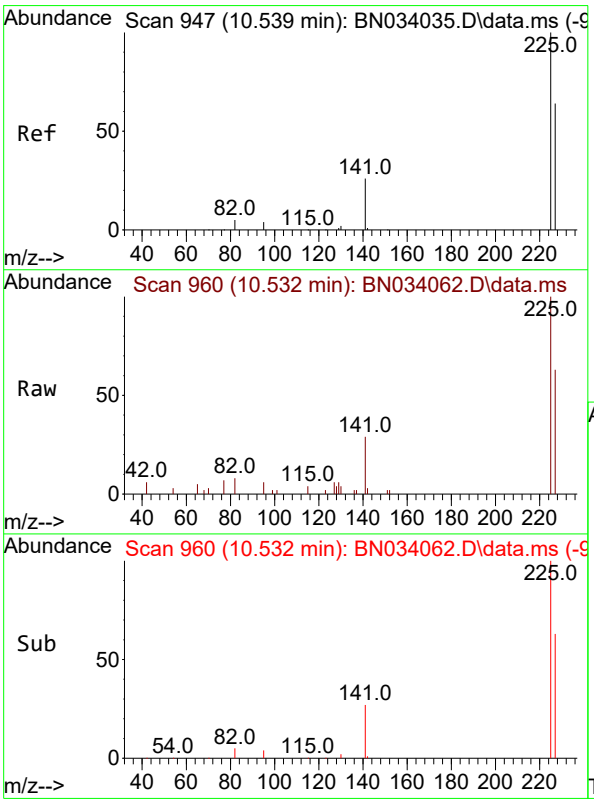
#9
Naphthalene
Concen: 0.391 ng
RT: 10.233 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:128 Resp: 20444

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.8	10.7	16.1

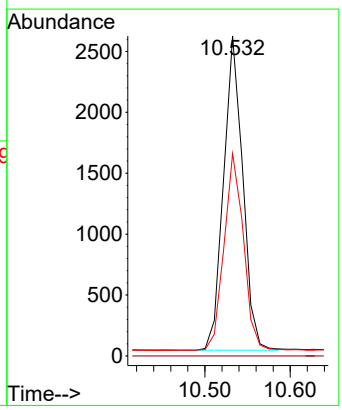


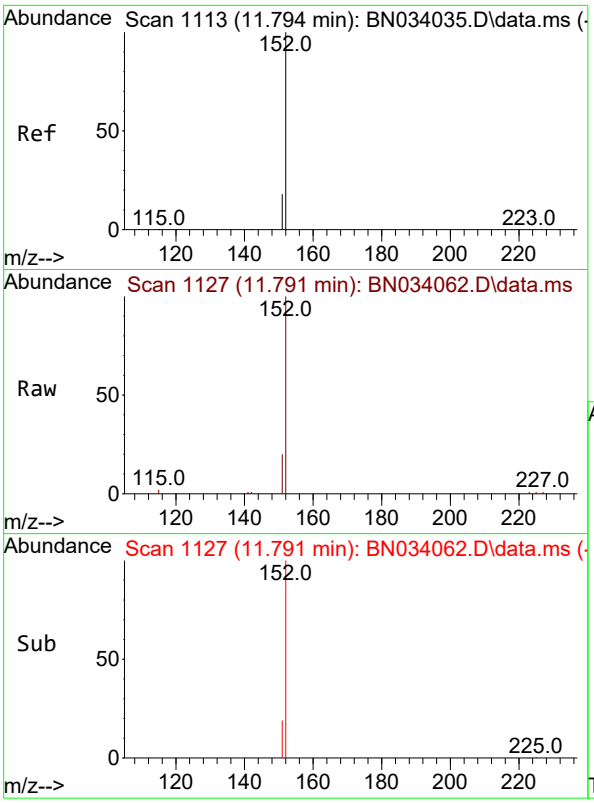


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 10.532 min Scan# 960
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:225 Resp: 4025

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.5	75.7



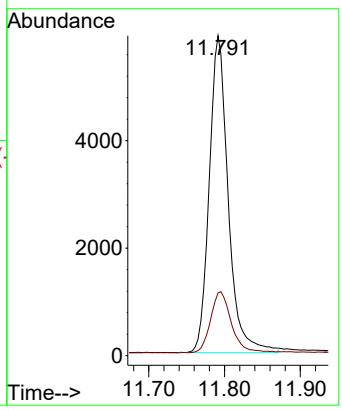


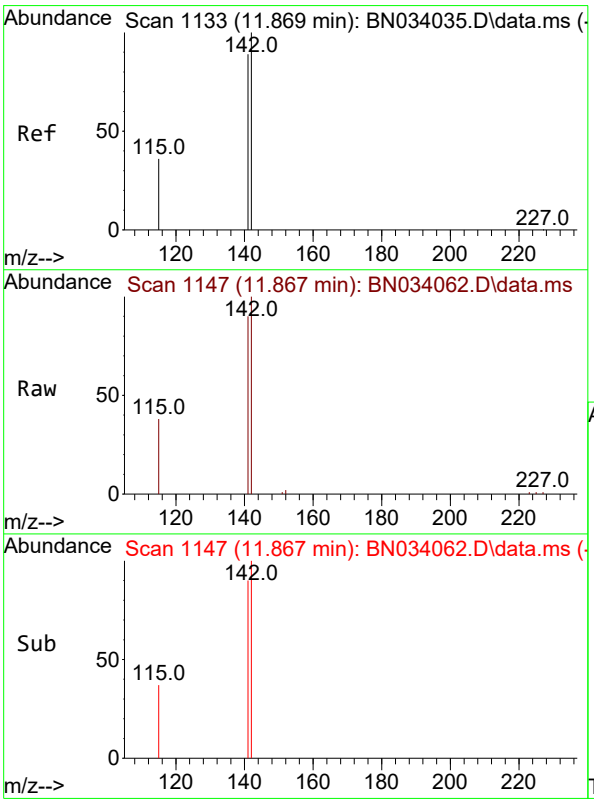
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng
RT: 11.791 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:152 Resp: 10248

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2

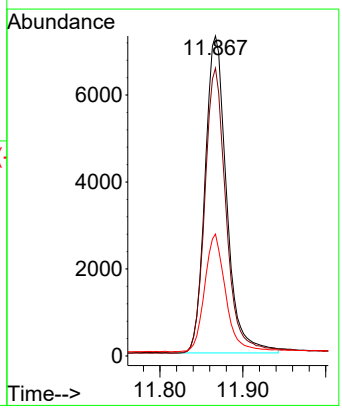


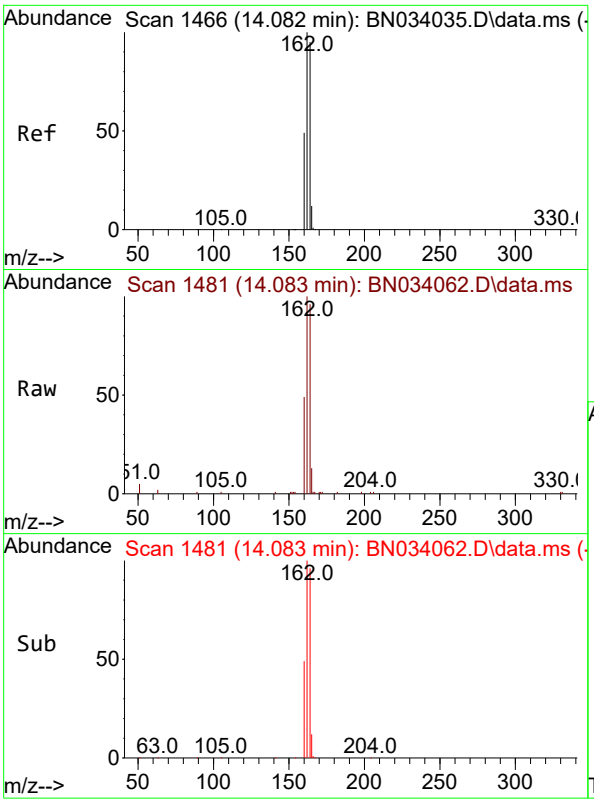


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 11.867 min Scan# 1147
Delta R.T. -0.002 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:142 Resp: 13140

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4
115	38.1	30.0	45.0



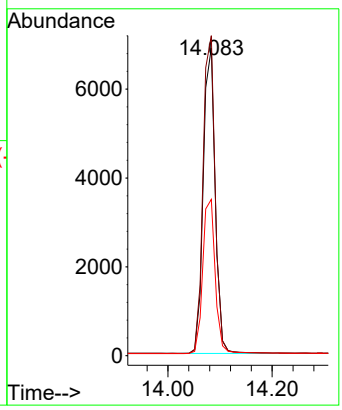


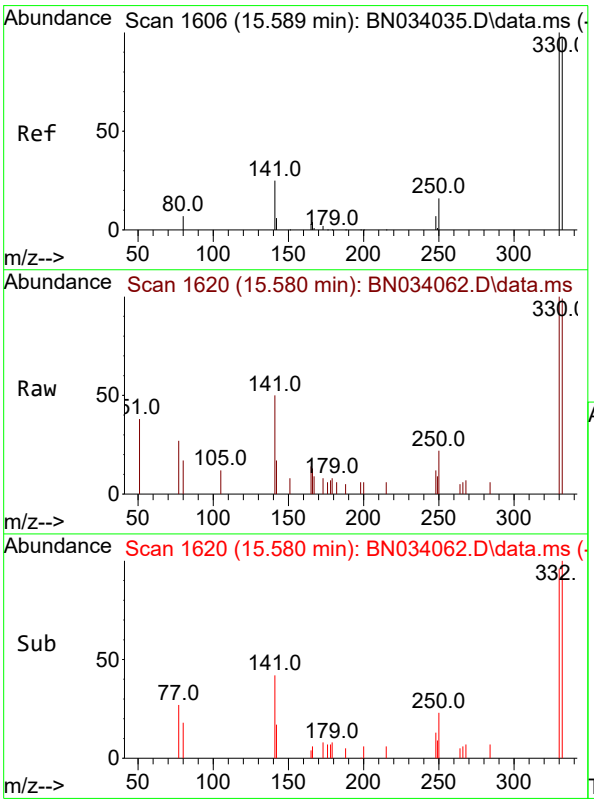
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:164 Resp: 10903

Ion	Ratio	Lower	Upper
164	100		
162	104.0	84.2	126.2
160	50.8	41.7	62.5

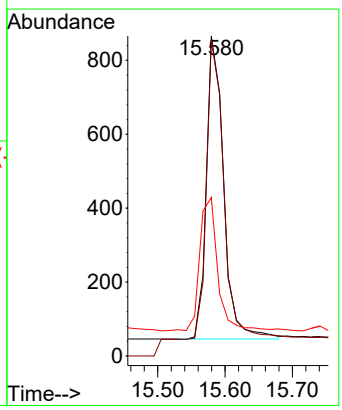


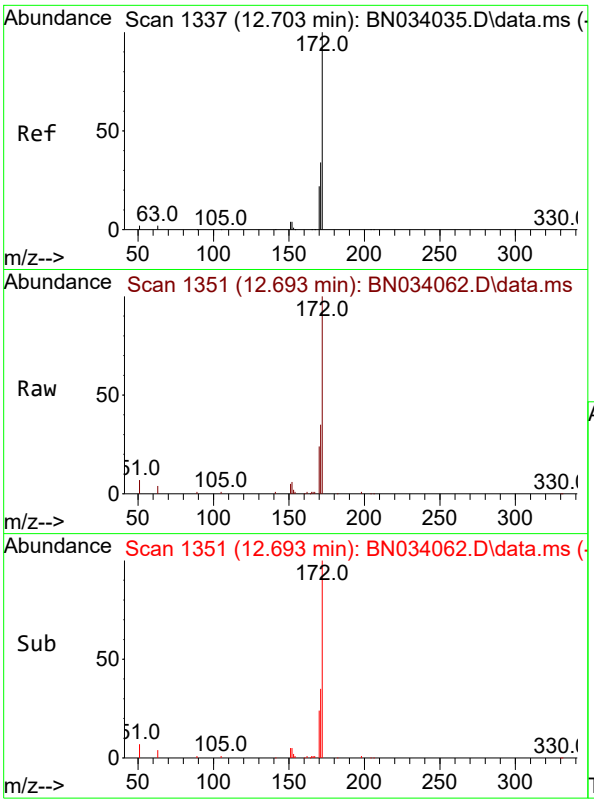


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.580 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:330 Resp: 1462

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.0
141	45.4	35.9	53.9



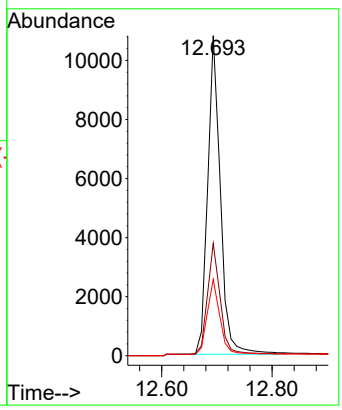


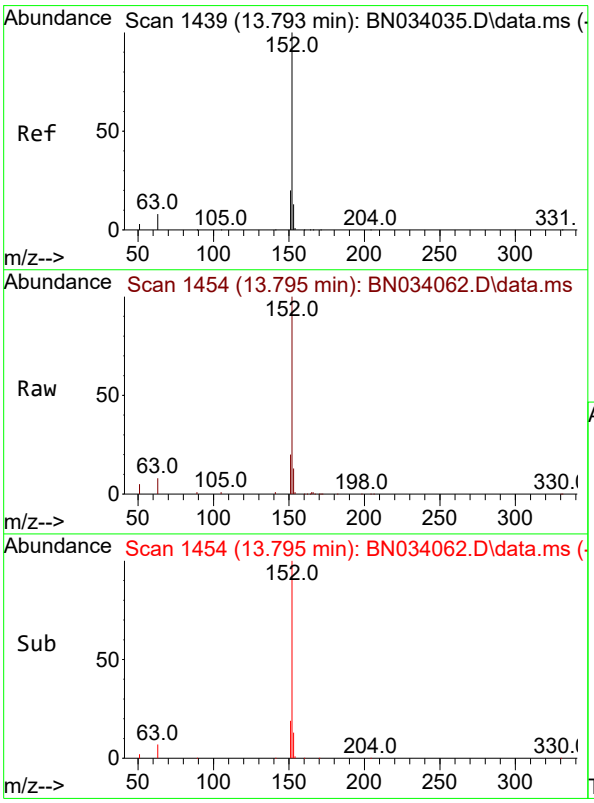
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.693 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:172 Resp: 17343

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.9	18.1	27.1

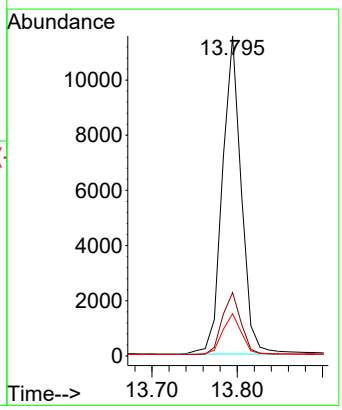


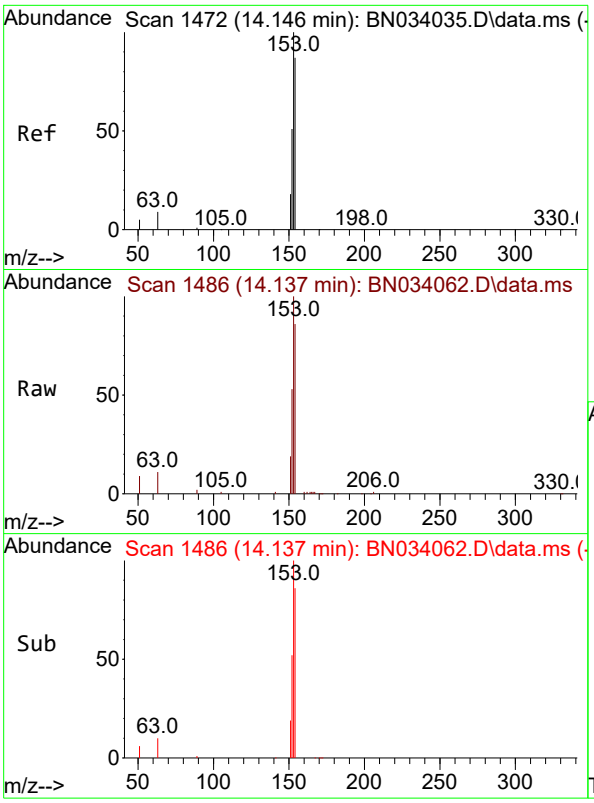


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.795 min Scan# 1454
Delta R.T. 0.001 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:152 Resp: 17695

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.9	10.3	15.5



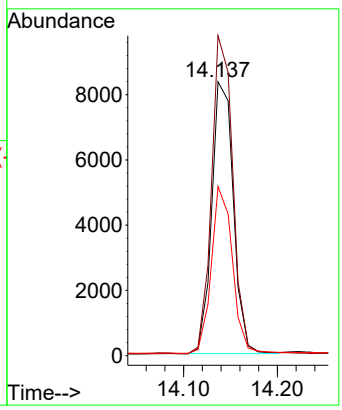


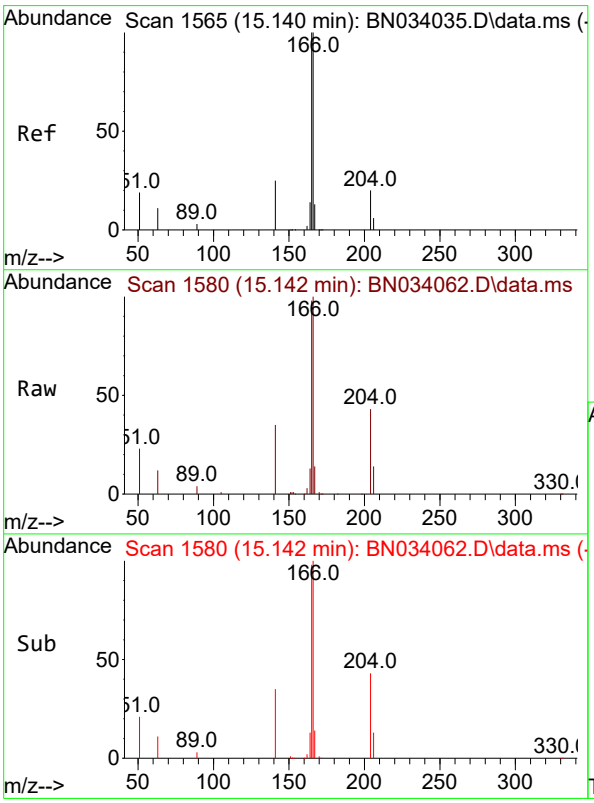
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.137 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:154 Resp: 13341

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.6	137.4
152	59.6	47.4	71.2

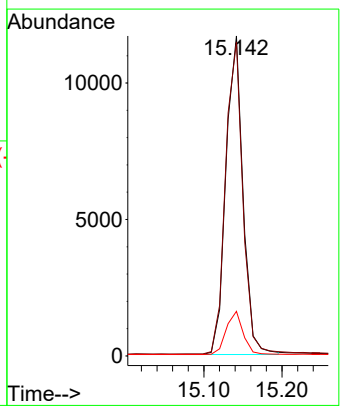


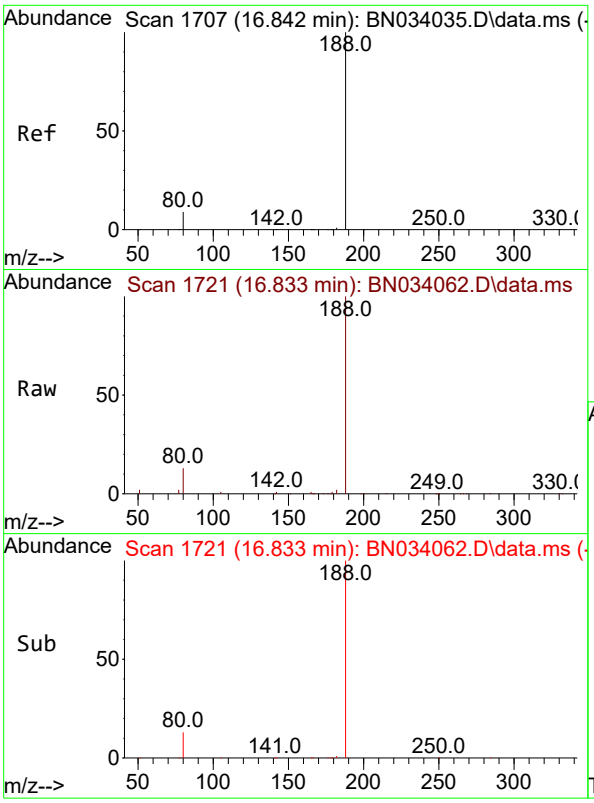


#18
Fluorene
Concen: 0.402 ng
RT: 15.142 min Scan# 1580
Delta R.T. 0.001 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:166 Resp: 17654

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.1	118.7
167	13.4	10.6	15.8



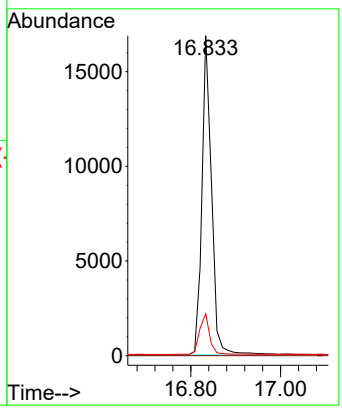


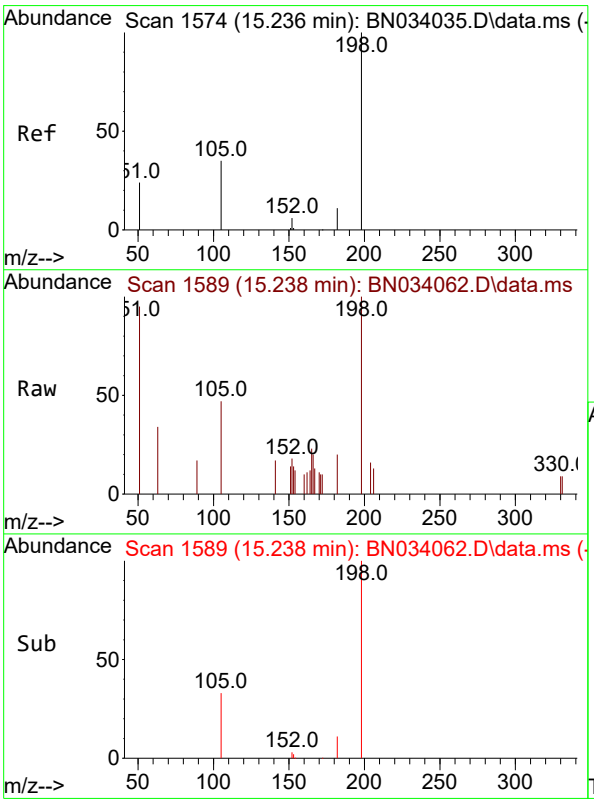
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:188 Resp: 24994

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	7.4	11.0#

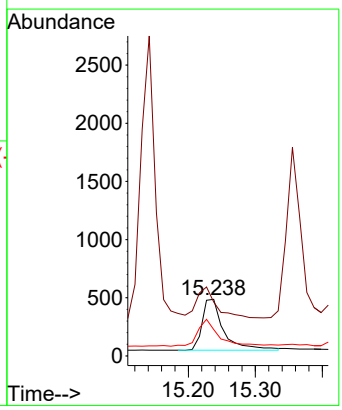


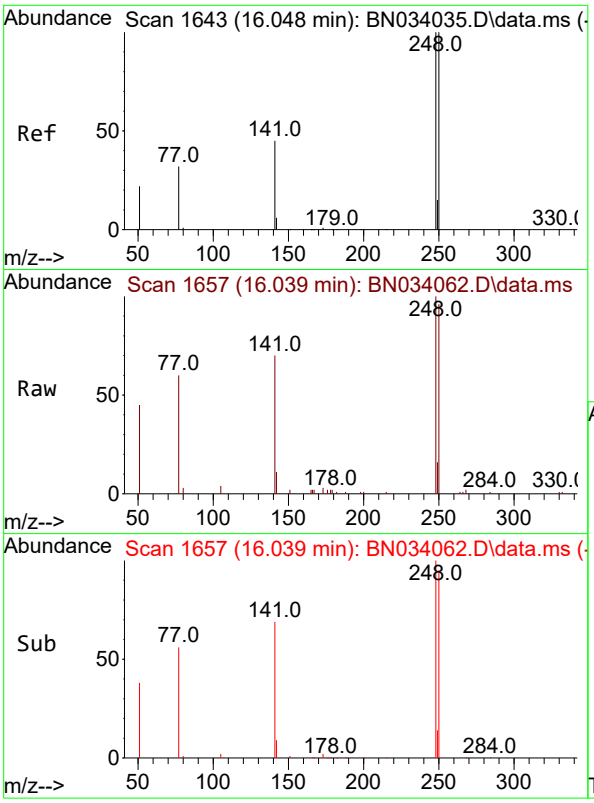


#20
4,6-Dinitro-2-methylphenol
Concen: 0.348 ng
RT: 15.238 min Scan# 1589
Delta R.T. 0.002 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:198 Resp: 975

Ion	Ratio	Lower	Upper
198	100		
51	95.3	106.4	159.6#
105	46.5	38.5	57.7



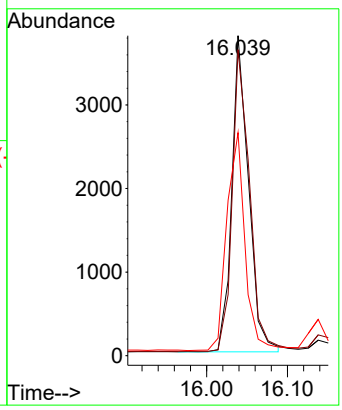


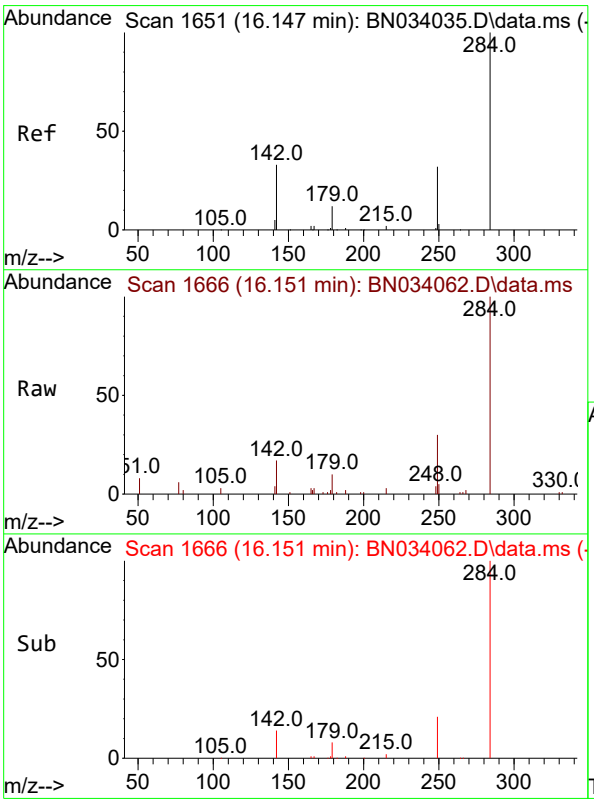
#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.039 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:248 Resp: 5459

Ion	Ratio	Lower	Upper
248	100		
250	95.6	80.5	120.7
141	69.7	37.1	55.7#

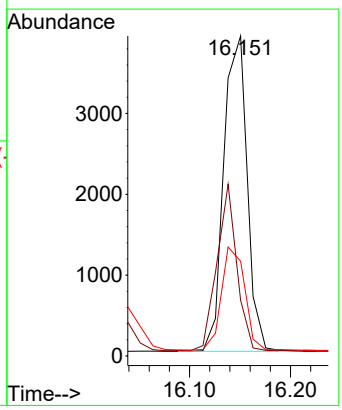


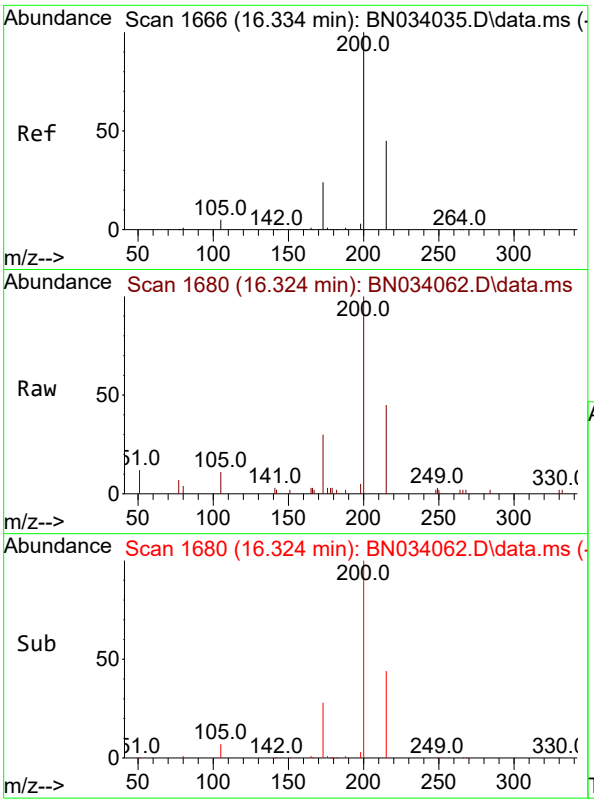


#22
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.151 min Scan# 1666
Delta R.T. 0.003 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:284 Resp: 6286

Ion	Ratio	Lower	Upper
284	100		
142	44.5	34.5	51.7
249	32.3	25.8	38.6



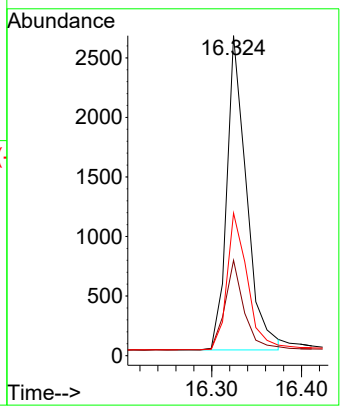


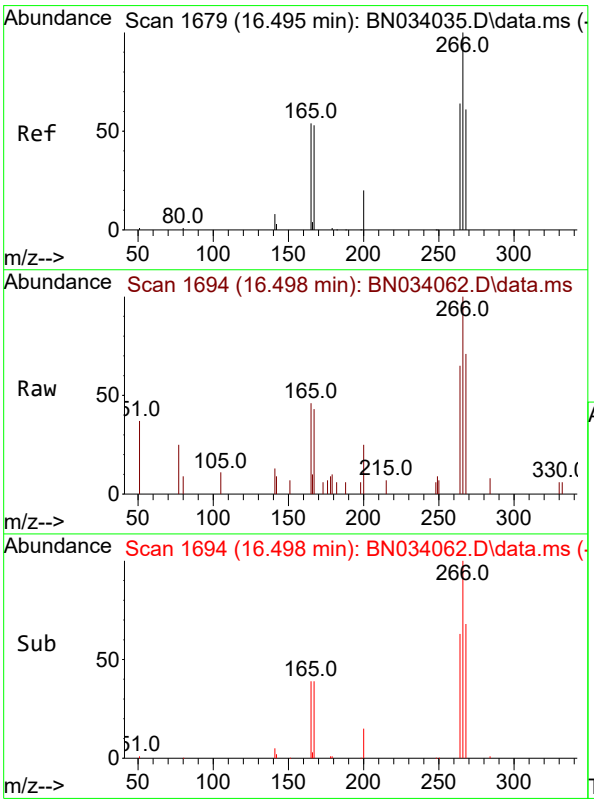
#23
Atrazine
Concen: 0.347 ng
RT: 16.324 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:200 Resp: 4035

Ion	Ratio	Lower	Upper
200	100		
173	29.8	20.1	30.1
215	44.6	37.0	55.6

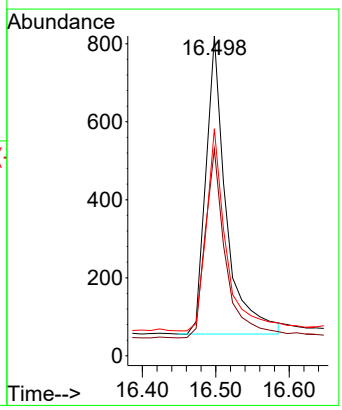


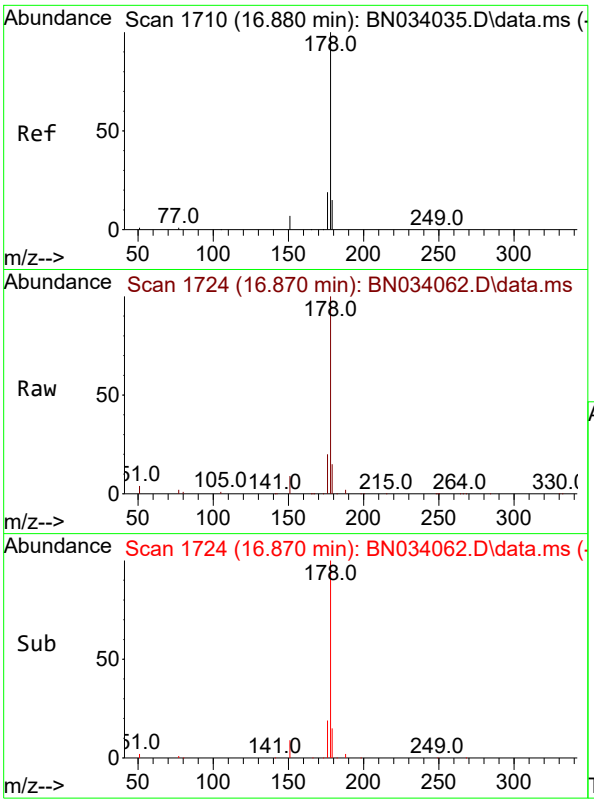


#24
Pentachlorophenol
Concen: 0.281 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:266 Resp: 1466

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.2	75.2
268	65.9	51.0	76.4



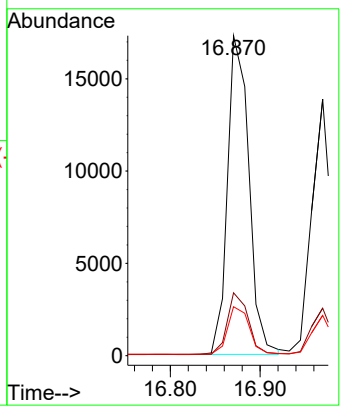


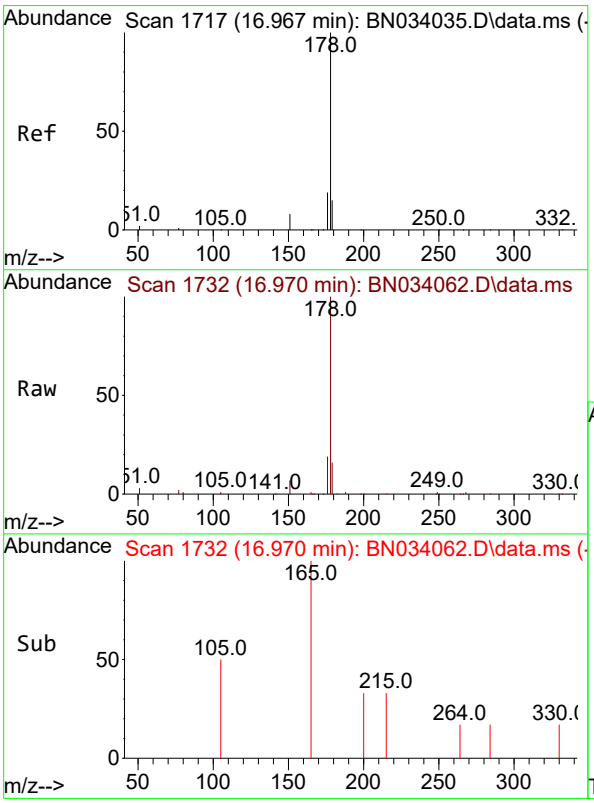
#25
Phenanthrene
Concen: 0.398 ng
RT: 16.870 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:178 Resp: 28594

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.1	18.1

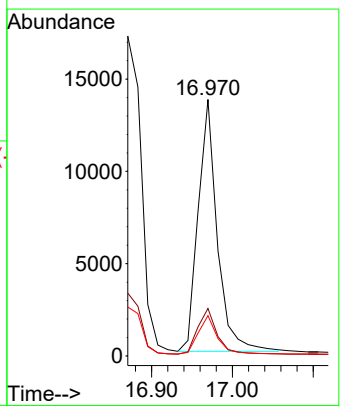


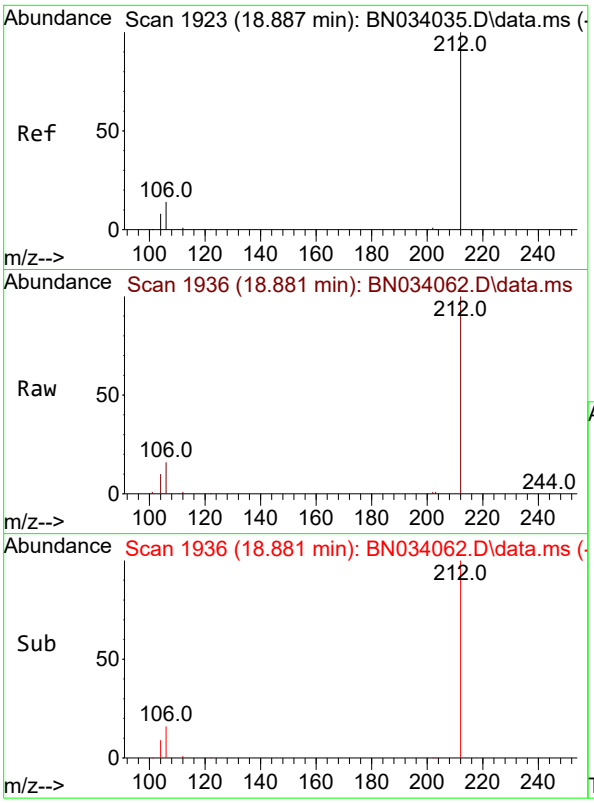


#26
Anthracene
Concen: 0.384 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:178 Resp: 22476

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.1	12.2	18.4



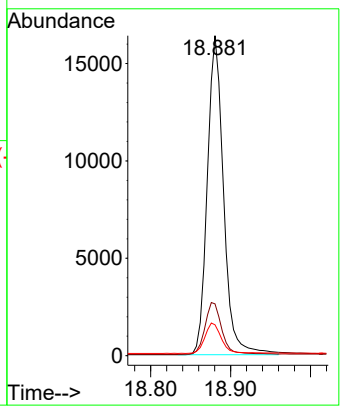


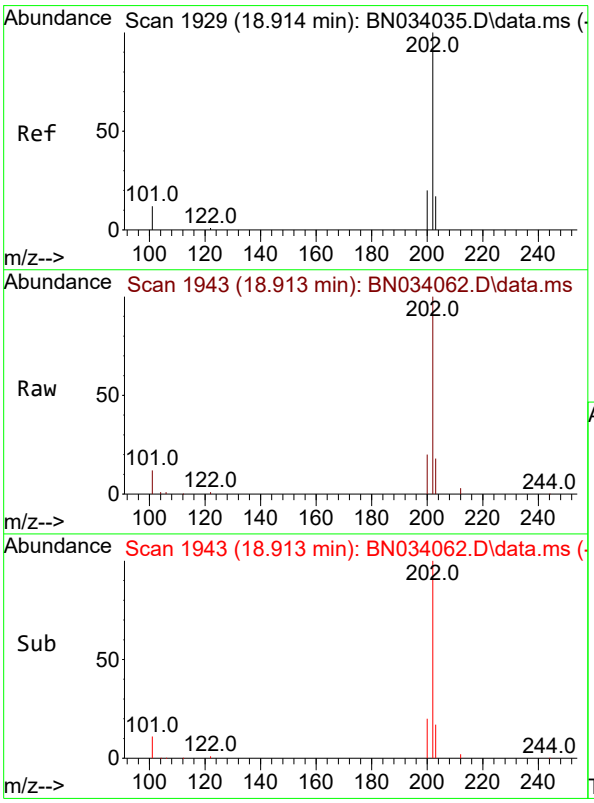
#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 18.881 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:212 Resp: 23171

Ion	Ratio	Lower	Upper
212	100		
106	16.8	13.4	20.2
104	9.7	7.8	11.6

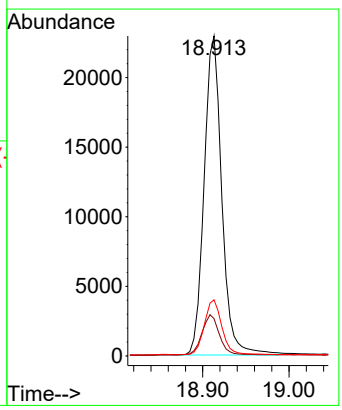


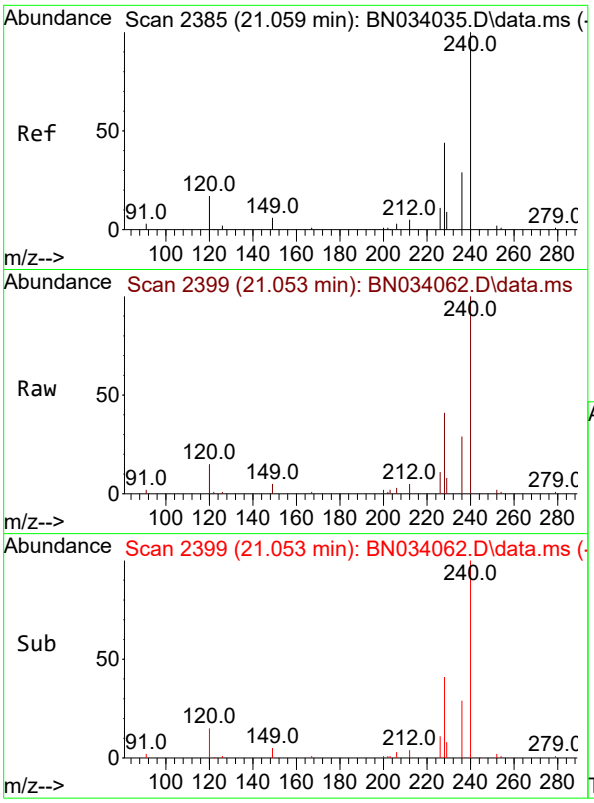


#28
Fluoranthene
Concen: 0.393 ng
RT: 18.913 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:202 Resp: 32703

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
203	17.2	13.6	20.4



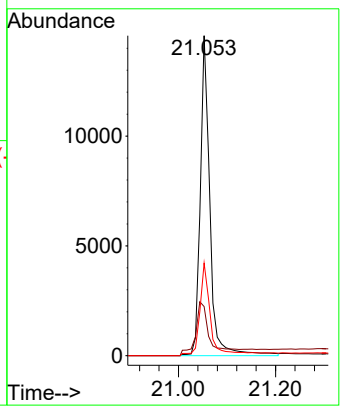


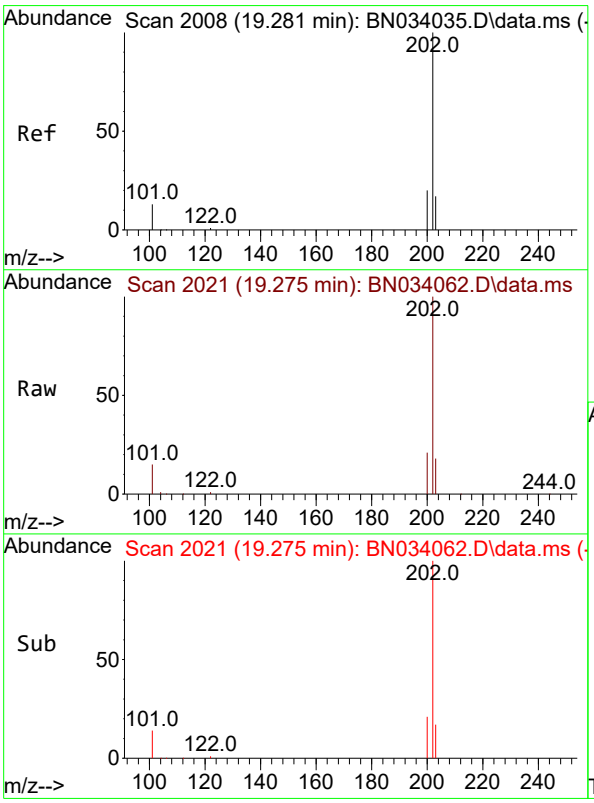
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:240 Resp: 19095

Ion	Ratio	Lower	Upper
240	100		
120	15.4	13.5	20.3
236	29.0	23.4	35.0

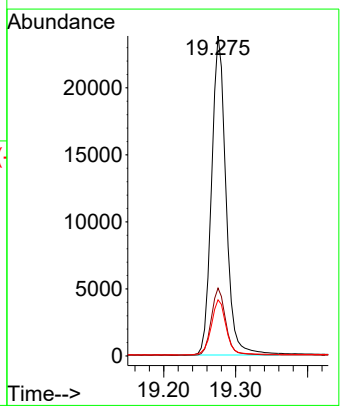


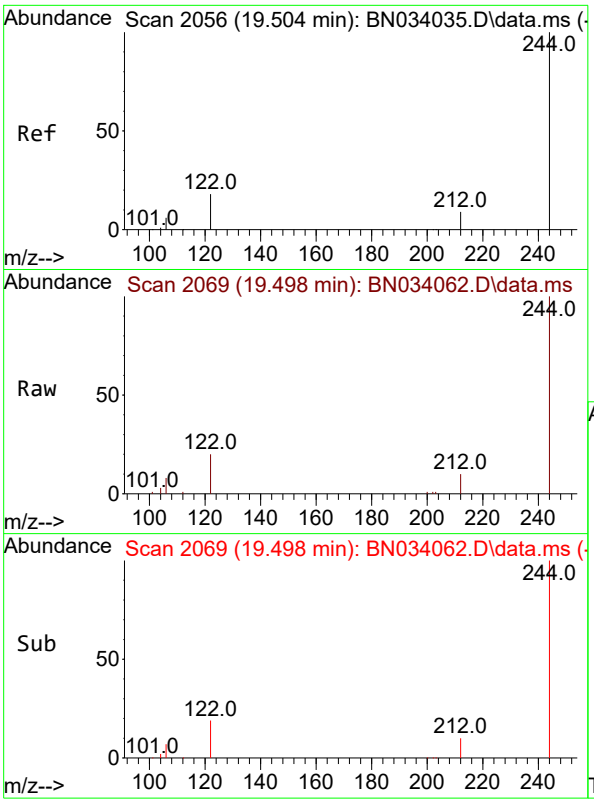


#30
Pyrene
Concen: 0.410 ng
RT: 19.275 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:202 Resp: 33063

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.8	14.3	21.5



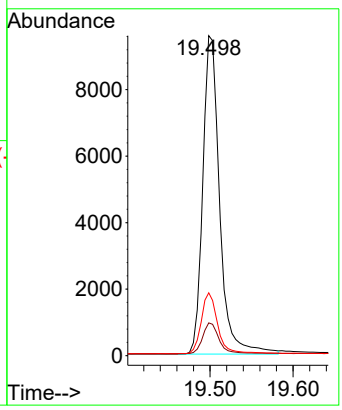


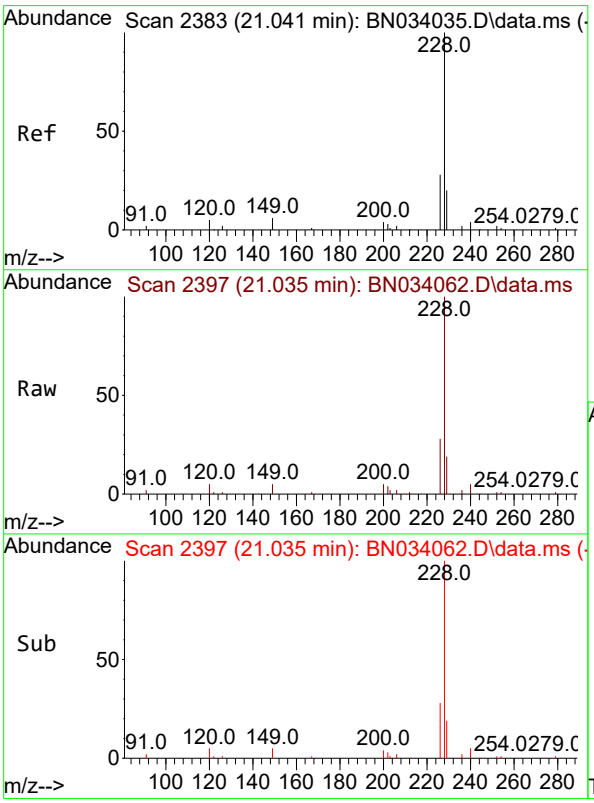
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:244 Resp: 13585

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	19.6	14.8	22.2

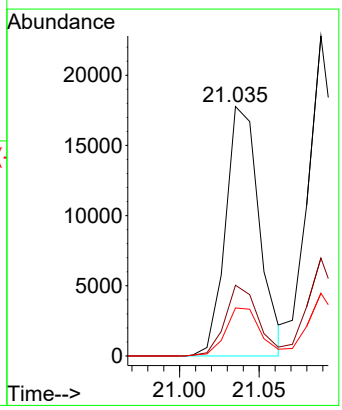


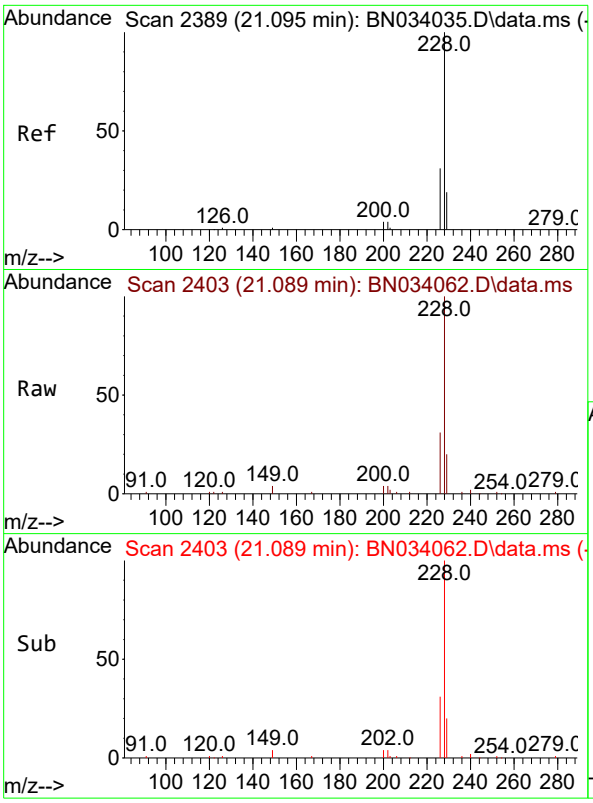


#32
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.035 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:228 Resp: 23224

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	19.2	15.7	23.5



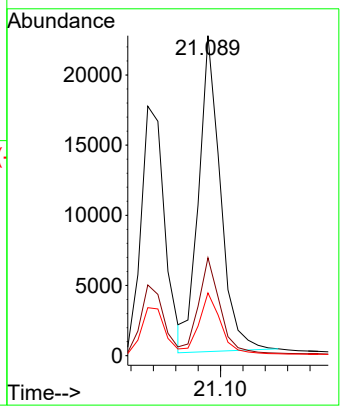


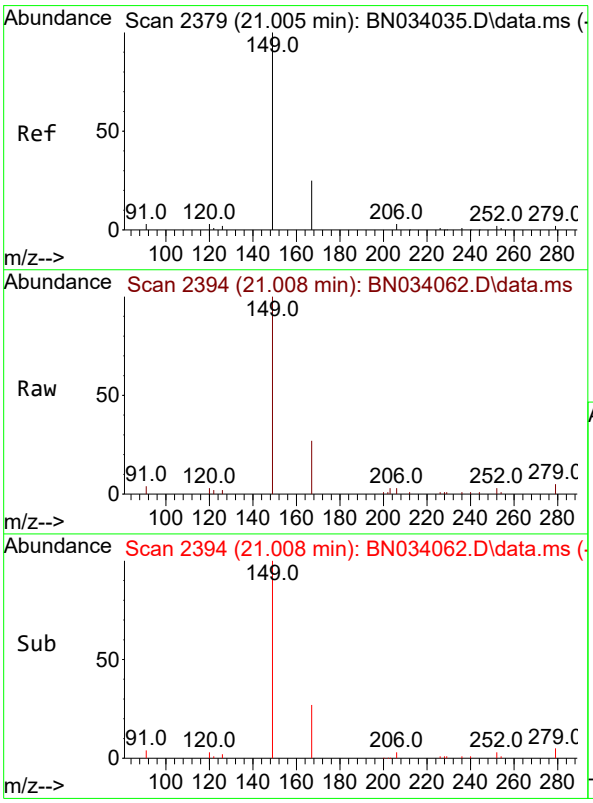
#33
Chrysene
Concen: 0.421 ng
RT: 21.089 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:228 Resp: 30334

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.6	15.5	23.3

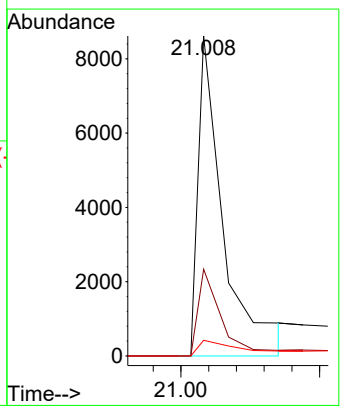


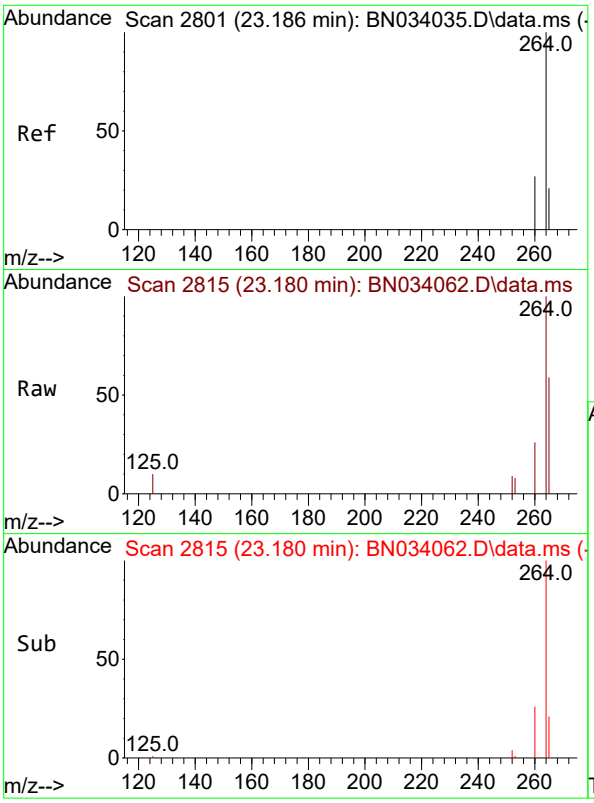


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.213 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:149 Resp: 5364

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.9	29.9
279	7.8	4.6	6.8#



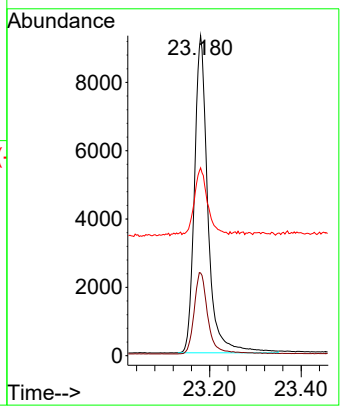


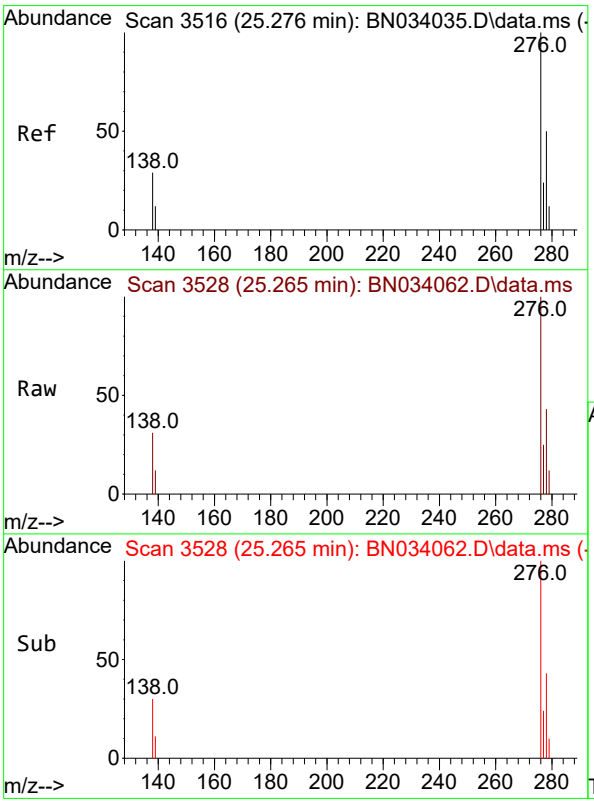
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.180 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:264 Resp: 18917

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.7	32.5
265	58.7	52.1	78.1

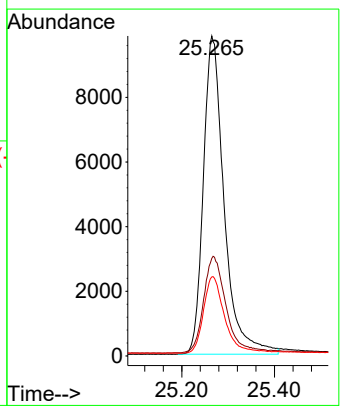


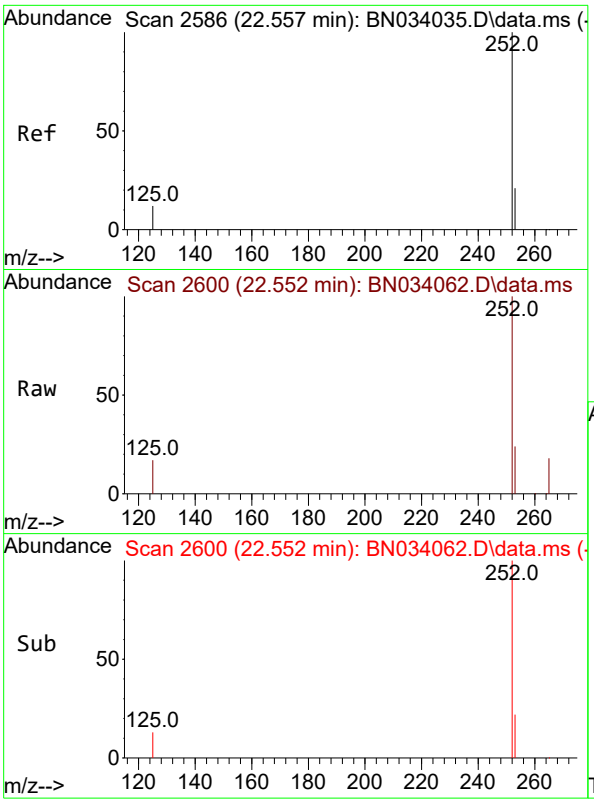


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng
RT: 25.265 min Scan# 3528
Delta R.T. -0.012 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:276 Resp: 30714

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.9	38.9
277	24.2	19.7	29.5



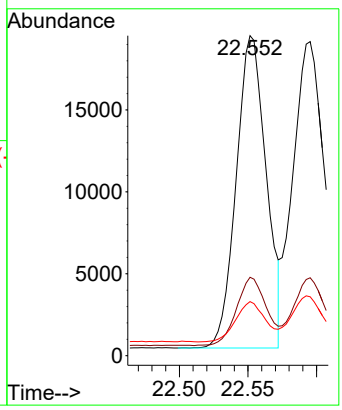


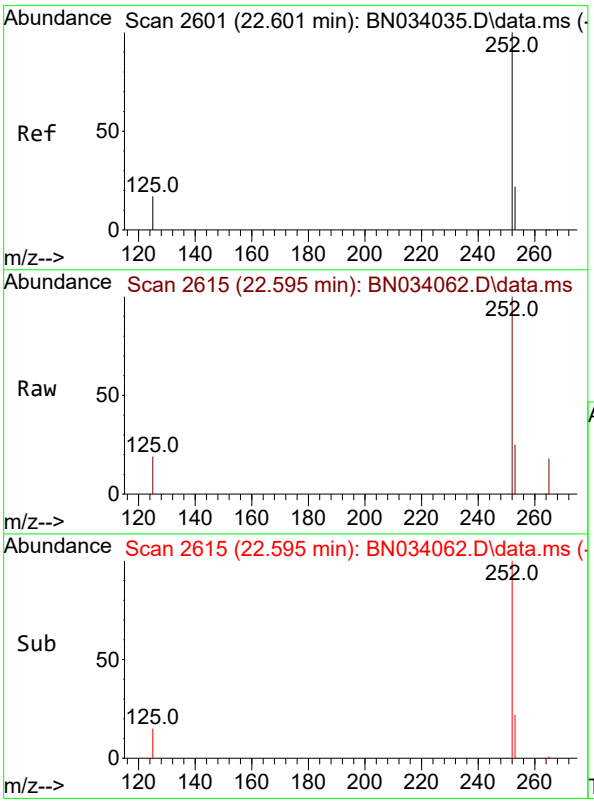
#37
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.552 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:252 Resp: 28898

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.6	29.4
125	16.9	13.8	20.8

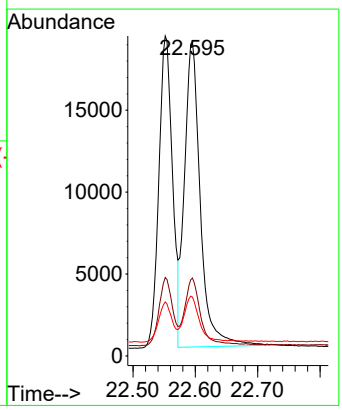


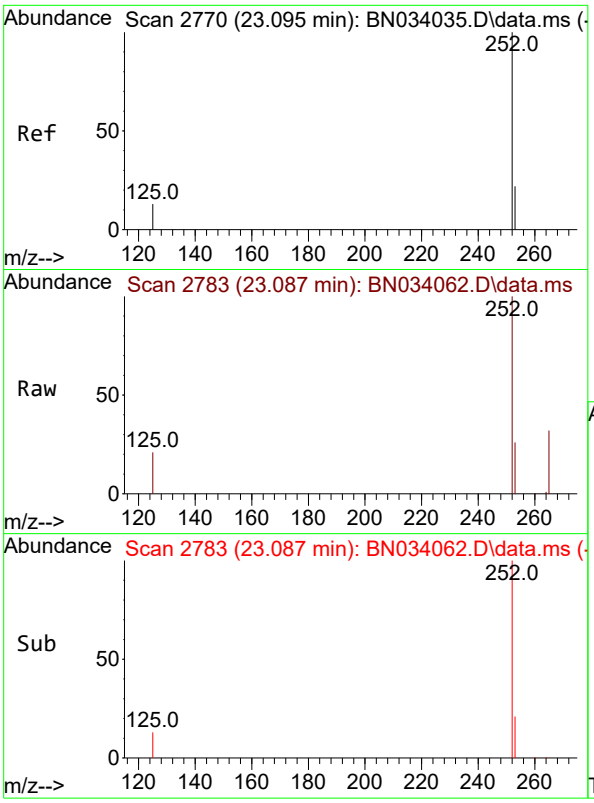


#38
Benzo(k)fluoranthene
Concen: 0.424 ng
RT: 22.595 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:252 Resp: 33009

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.1	30.1
125	18.8	16.8	25.2



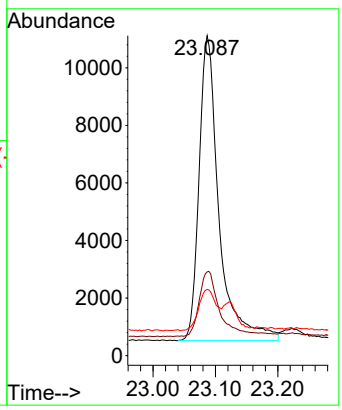


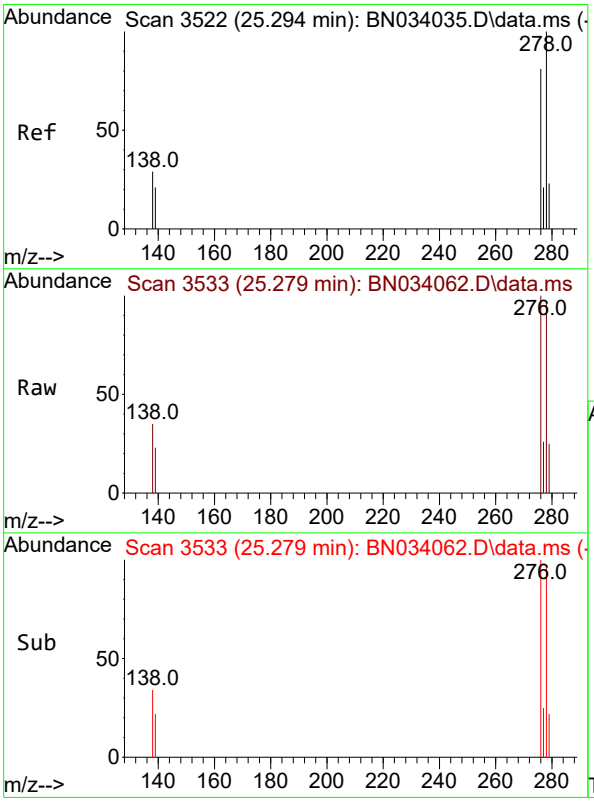
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.087 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:252 Resp: 23469

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.8	32.8
125	20.7	17.5	26.3

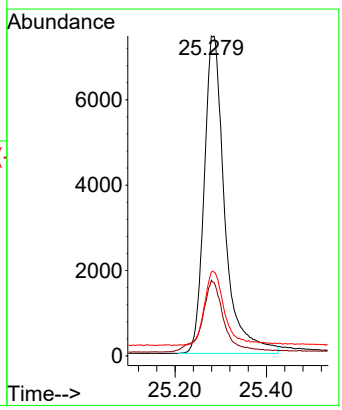


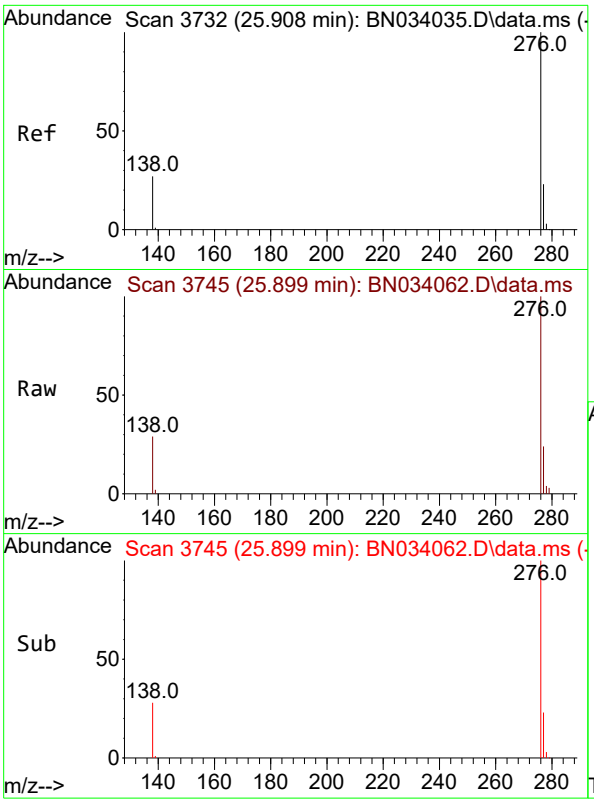


#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 25.279 min Scan# 3533
Delta R.T. -0.015 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Tgt Ion:278 Resp: 23245

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.8	26.8
279	26.2	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.371 ng
RT: 25.899 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034062.D
Acq: 19 Sep 2024 23:55

Instrument :
BNA_N
ClientSampleId :
PB163368BS

Tgt Ion:276 Resp: 26269

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	28.9	22.6	34.0