Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034541.D
Acq On : 11 Oct 2024 04:26
Operator : RC/JU
Sample : PB163903BSD
Misc :
ALS Vial : 117 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Quant Time: Oct 11 04:51:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4988	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	13947	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	7408	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	13856	0.400	ng	0.00
29) Chrysene-d12	21.008	240	5816	0.400	ng	0.00
35) Perylene-d12	23.113	264	8088	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	4348	0.307	ng	0.00
5) Phenol-d6	6.585	99	3993	0.243	ng	0.01
8) Nitrobenzene-d5	8.514	82	3202	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	11.731	152	10525	0.511	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	965	0.288	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	9802	0.325	ng	0.00
27) Fluoranthene-d10	18.829	212	11799	0.338	ng	0.00
31) Terphenyl-d14	19.456	244	7377	0.635	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1793	0.288	ng	# 42
3) n-Nitrosodimethylamine	3.328	42	2192	0.309	ng	# 88
6) bis(2-Chloroethyl)ether	6.824	93	4055	0.278	ng	96
9) Naphthalene	10.169	128	13287	0.347	ng	99
10) Hexachlorobutadiene	10.458	225	2954	0.410	ng	# 99
12) 2-Methylnaphthalene	11.806	142	8476	0.340	ng	99
16) Acenaphthylene	13.741	152	11177	0.352	ng	100
17) Acenaphthene	14.083	154	8083	0.355	ng	99
18) Fluorene	15.088	166	9781	0.328	ng	99
20) 4,6-Dinitro-2-methylph...	16.287	198	79	0.168	ng	# 8
21) 4-Bromophenyl-phenylether	15.989	248	2791	0.358	ng	# 84
22) Hexachlorobenzene	16.088	284	4064	0.465	ng	# 89
23) Atrazine	16.287	200	2034	0.315	ng	# 96
24) Pentachlorophenol	16.461	266	1738	0.602	ng	99
25) Phenanthrene	16.821	178	14667	0.369	ng	100
26) Anthracene	16.920	178	11324	0.349	ng	99
28) Fluoranthene	18.862	202	14677	0.318	ng	98
30) Pyrene	19.224	202	14985	0.610	ng	100
32) Benzo(a)anthracene	21.044	228	11926	0.648	ng	96
33) Chrysene	21.044	228	13618	0.620	ng	99
36) Indeno(1,2,3-cd)pyrene	25.177	276	14485	0.418	ng	94
37) Benzo(b)fluoranthene	22.493	252	10312	0.325	ng	94
38) Benzo(k)fluoranthene	22.534	252	12383	0.372	ng	95
39) Benzo(a)pyrene	23.022	252	10101	0.391	ng	92
40) Dibenzo(a,h)anthracene	25.191	278	11001	0.409	ng	95
41) Benzo(g,h,i)perylene	25.794	276	12779	0.423	ng	97

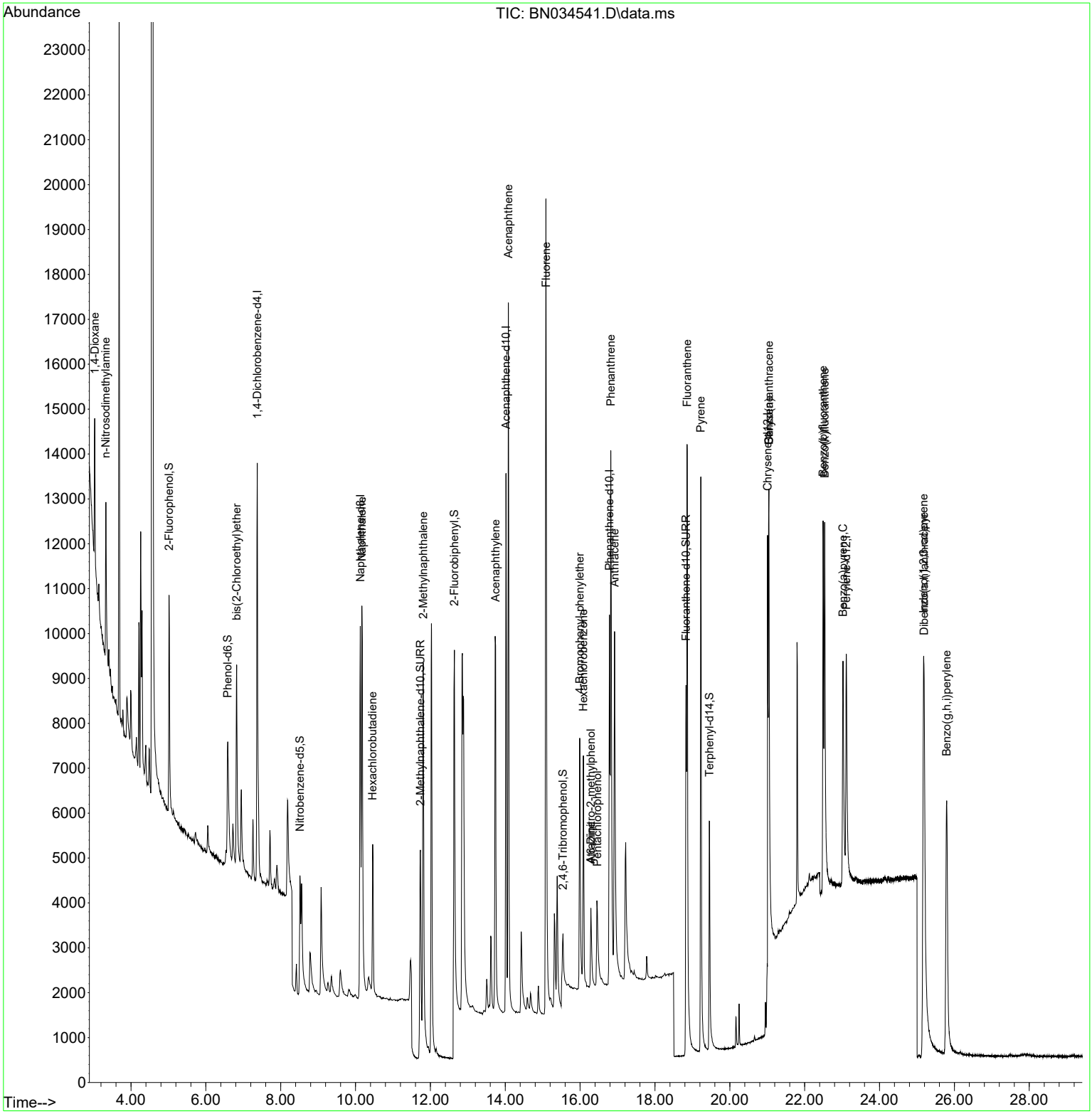
(#) = qualifier out of range (m) = manual integration (+) = signals summed

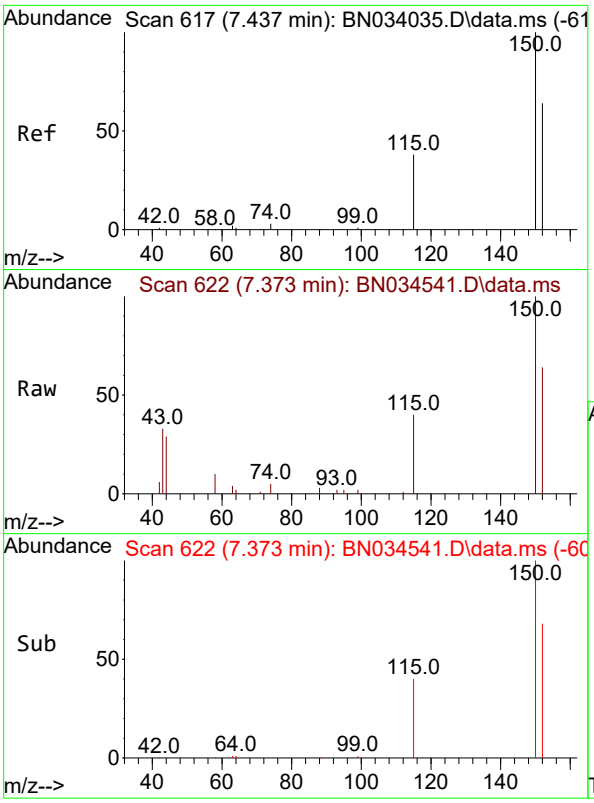
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034541.D
Acq On : 11 Oct 2024 04:26
Operator : RC/JU
Sample : PB163903BSD
Misc :
ALS Vial : 117 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Quant Time: Oct 11 04:51:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



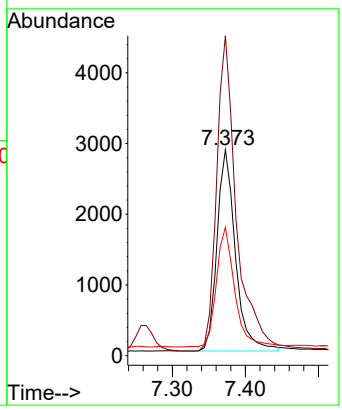


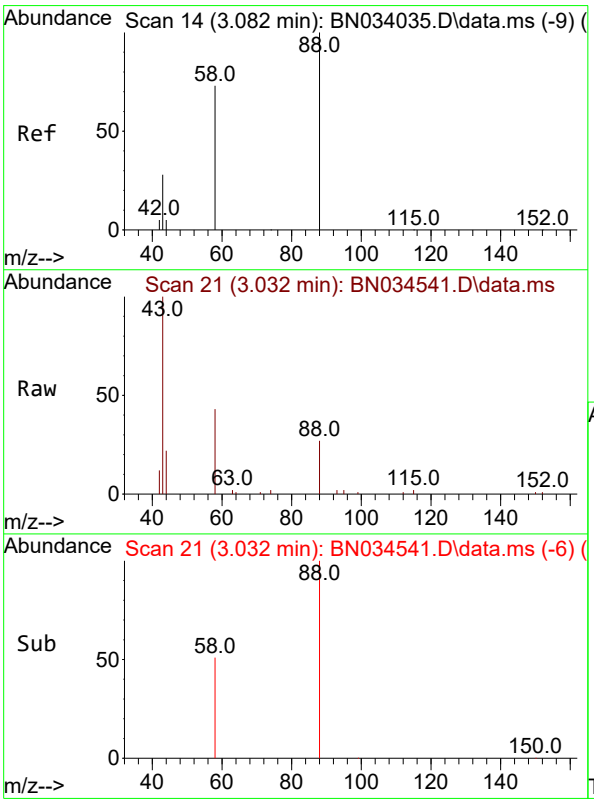
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:152 Resp: 4988

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	187.0
115	62.4	50.0	75.0

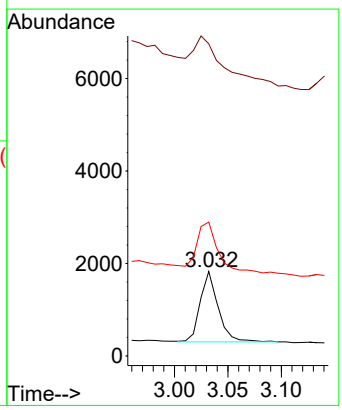


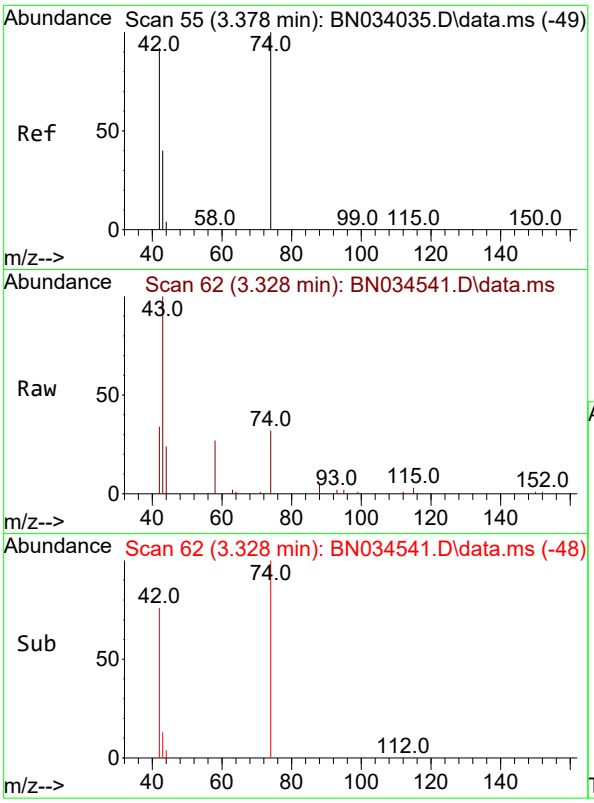


#2
1,4-Dioxane
Concen: 0.288 ng
RT: 3.032 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion: 88 Resp: 1793

Ion	Ratio	Lower	Upper
88	100		
43	118.7	25.8	38.8#
58	86.4	58.8	88.2



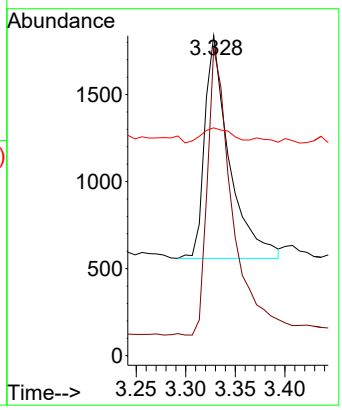


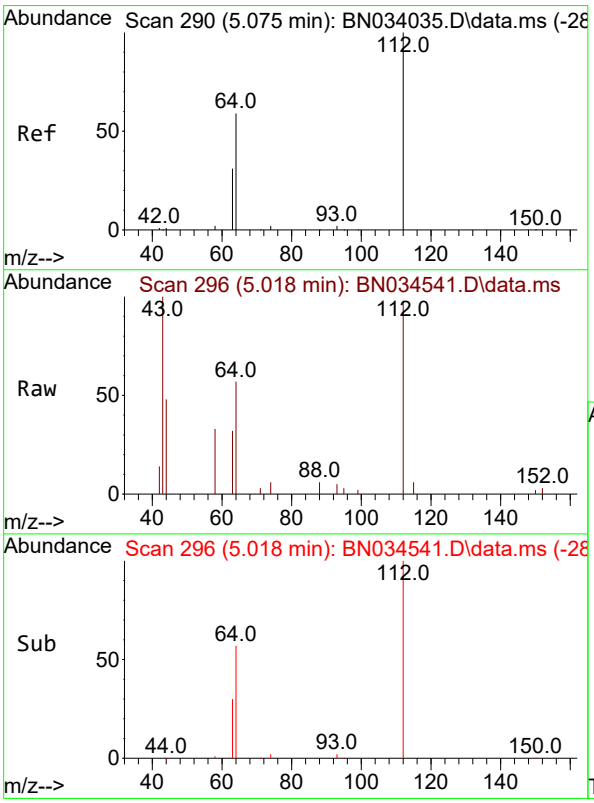
#3
n-Nitrosodimethylamine
Concen: 0.309 ng
RT: 3.328 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion: 42 Resp: 2192

Ion	Ratio	Lower	Upper
42	100		
74	131.2	94.6	142.0
44	8.3	12.4	18.6#

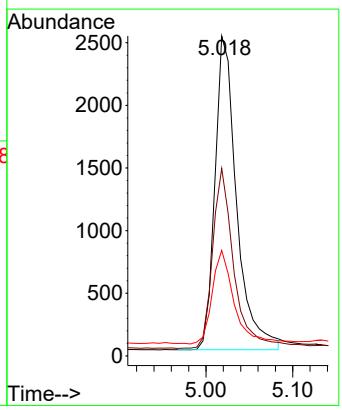


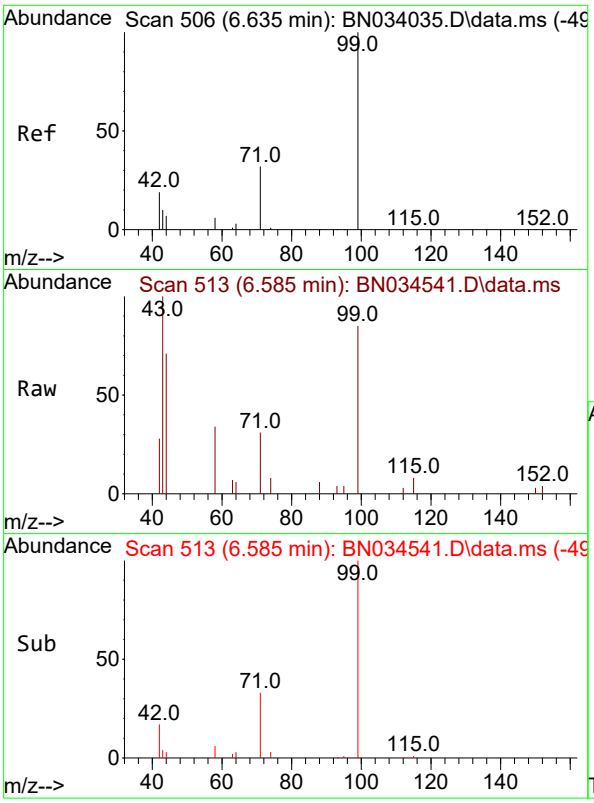


#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.018 min Scan# 296
Delta R.T. 0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:112 Resp: 4348

Ion	Ratio	Lower	Upper
112	100		
64	55.6	48.6	72.8
63	29.4	25.6	38.4



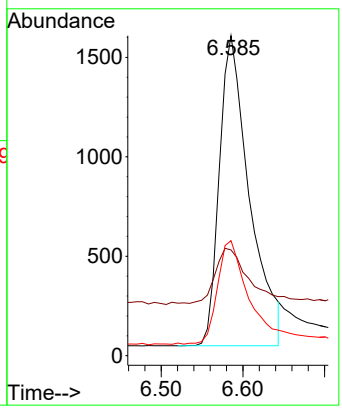


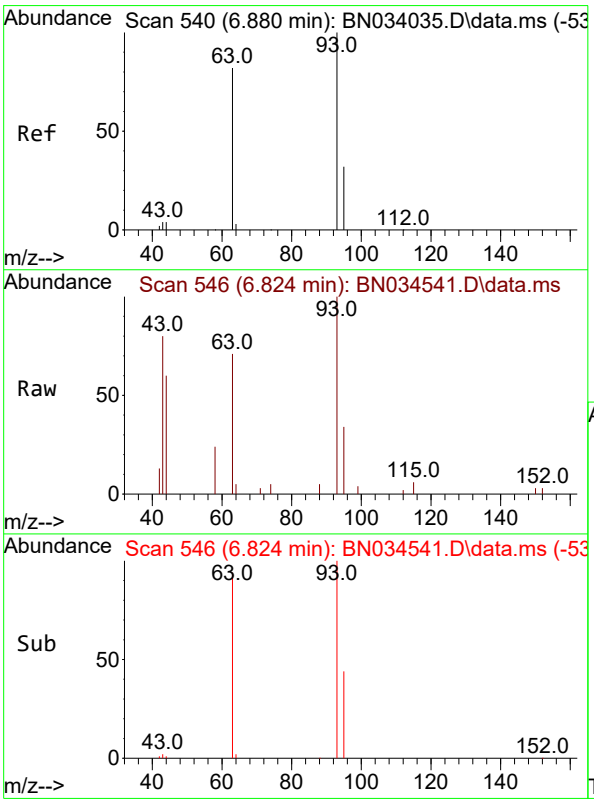
#5
Phenol-d6
Concen: 0.243 ng
RT: 6.585 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion: 99 Resp: 3993

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.8	26.8
71	34.8	26.2	39.2

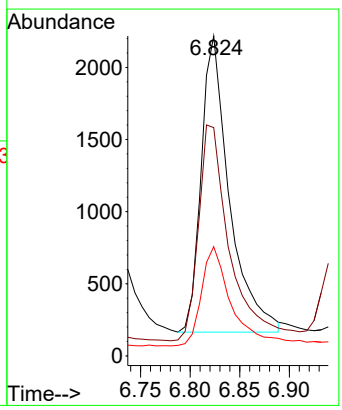


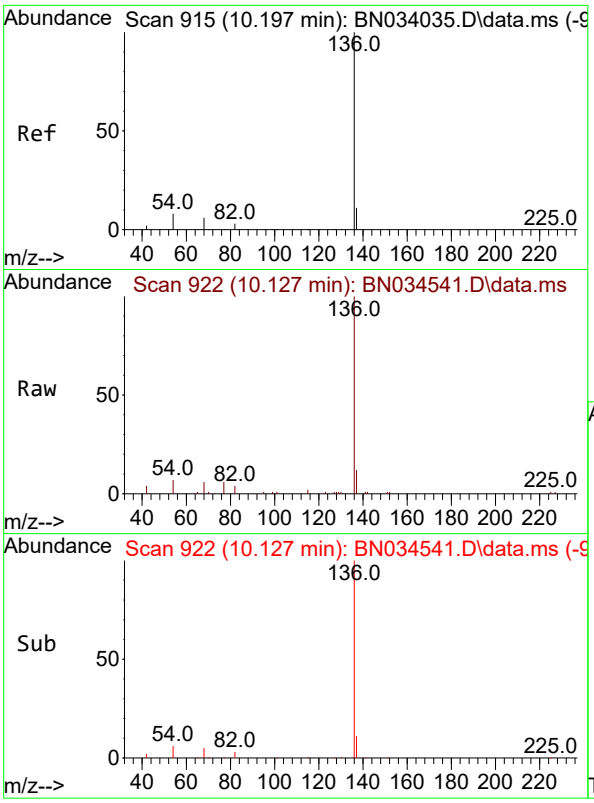


#6
bis(2-Chloroethyl)ether
Concen: 0.278 ng
RT: 6.824 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion: 93 Resp: 4055

Ion	Ratio	Lower	Upper
93	100		
63	79.4	67.3	100.9
95	35.0	26.8	40.2



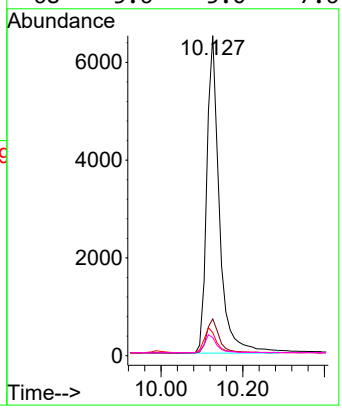


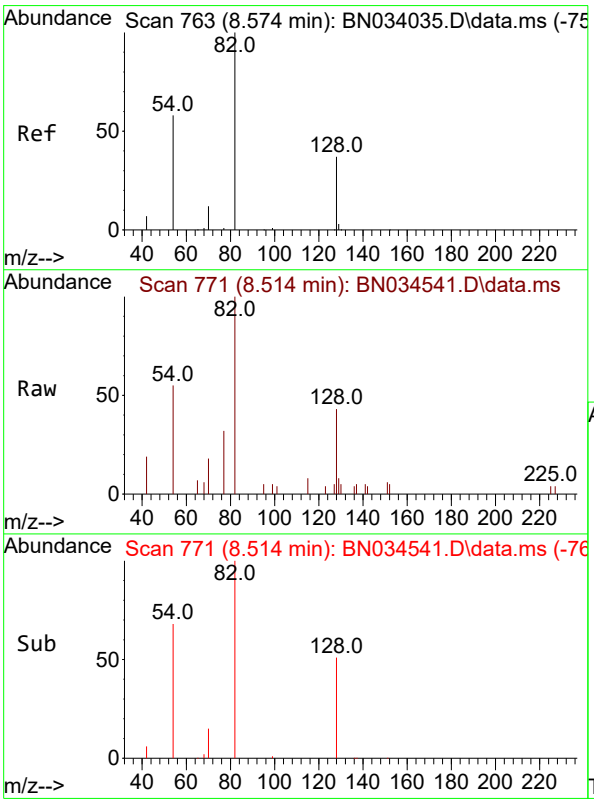
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:136 Resp: 13947

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	7.2	6.8	10.2
68	5.6	5.0	7.6

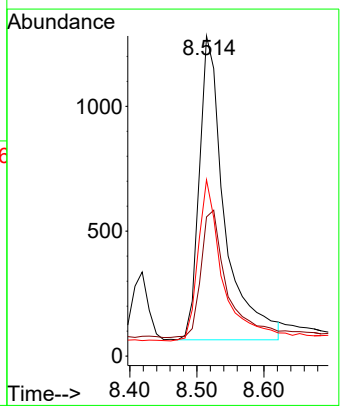


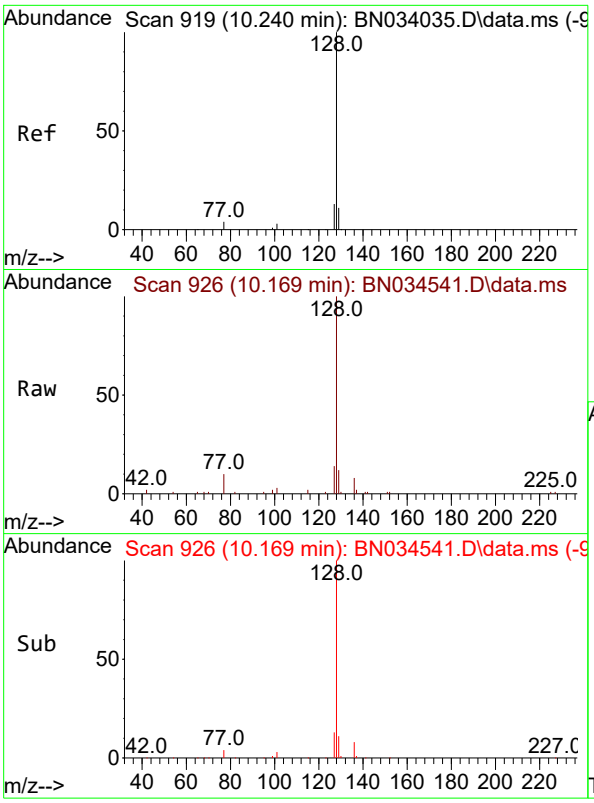


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion: 82 Resp: 3202

Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.4	47.2
54	55.1	47.4	71.0



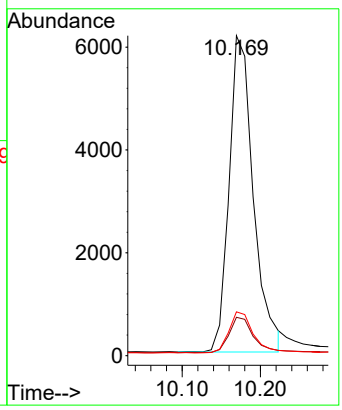


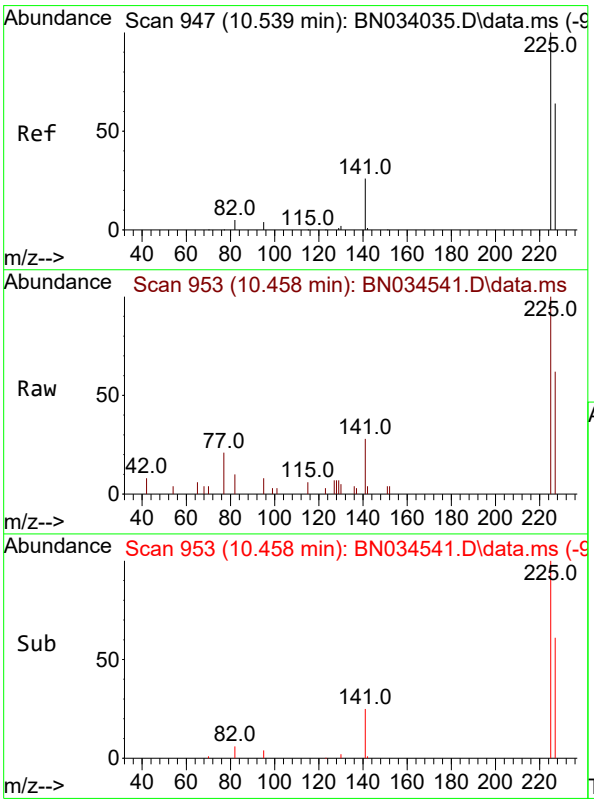
#9
Naphthalene
Concen: 0.347 ng
RT: 10.169 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:128 Resp: 13287

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.7	10.7	16.1

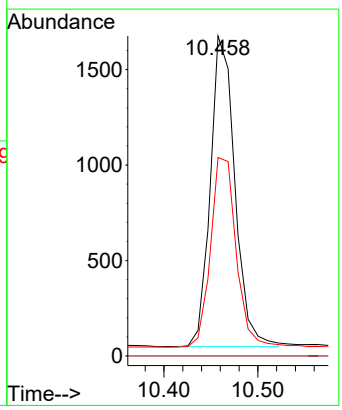


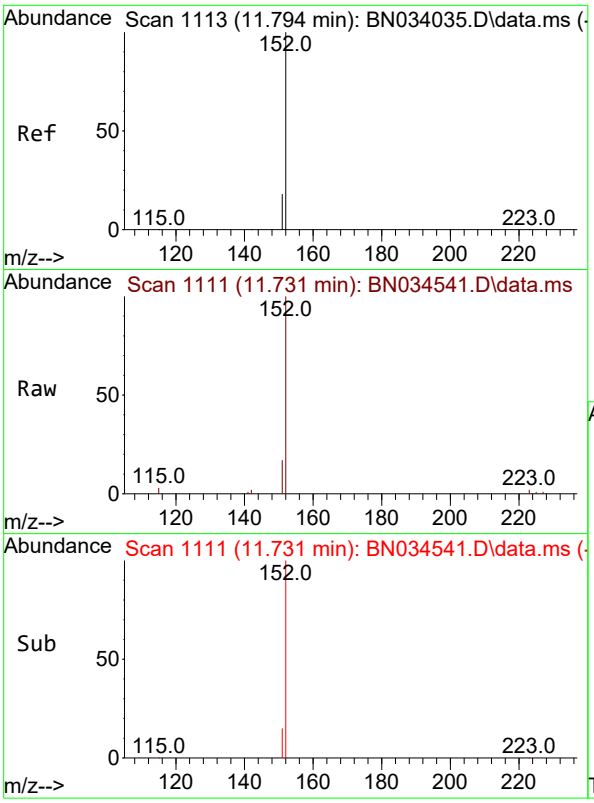


#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.458 min Scan# 953
Delta R.T. -0.011 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:225 Resp: 2954

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



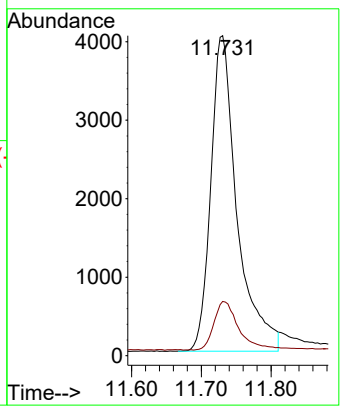


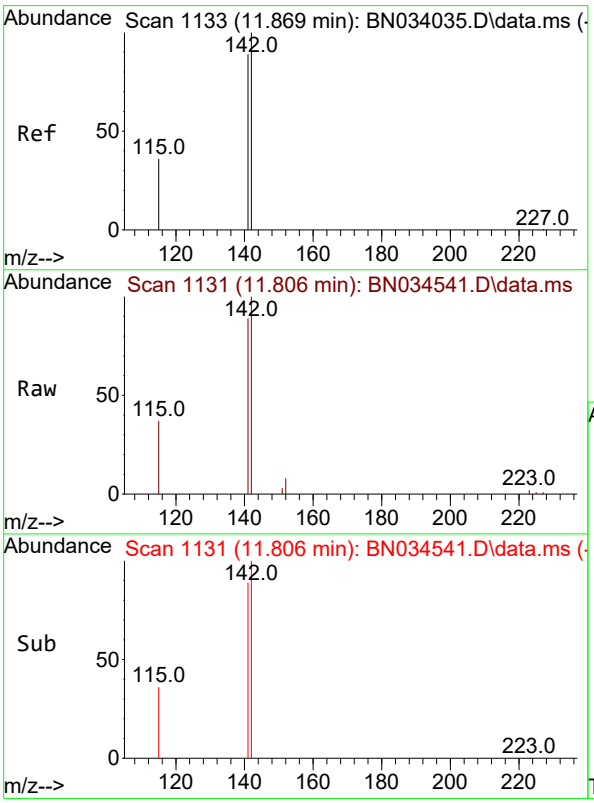
#11
2-Methylnaphthalene-d10
Concen: 0.511 ng
RT: 11.731 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:152 Resp: 10525

Ion	Ratio	Lower	Upper
152	100		
151	14.4	16.8	25.2#

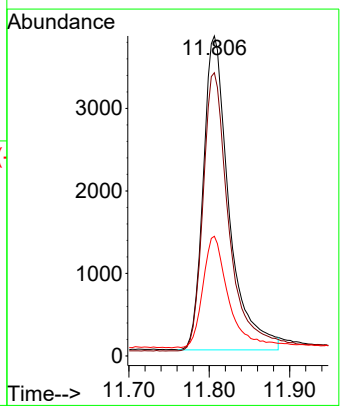


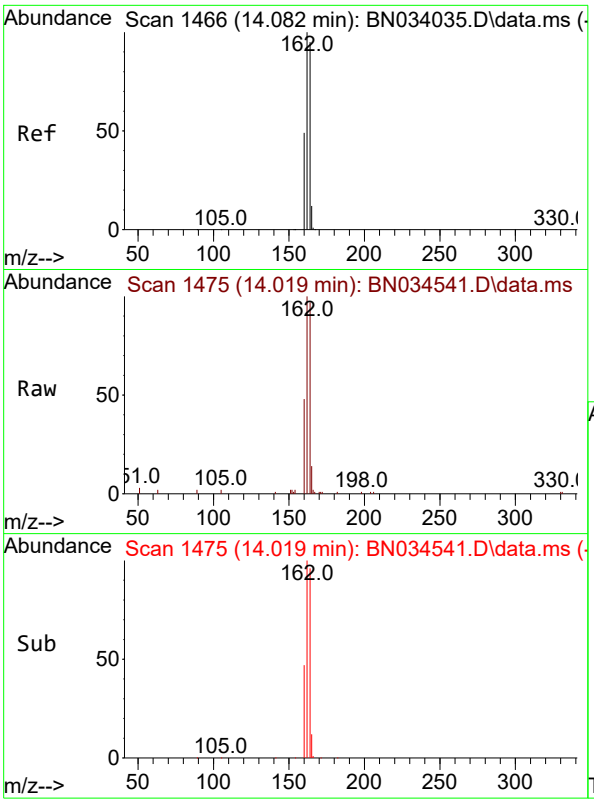


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 11.806 min Scan# 1131
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:142 Resp: 8476

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4
115	37.4	30.0	45.0



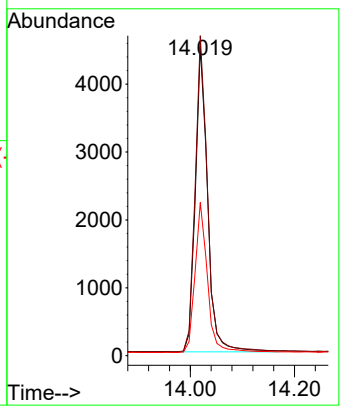


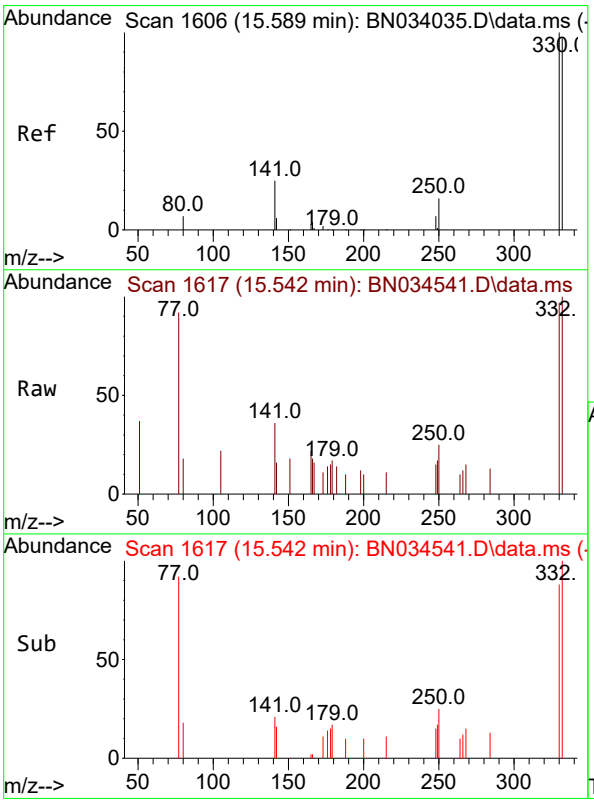
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:164 Resp: 7408

Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.2	126.2
160	49.6	41.7	62.5

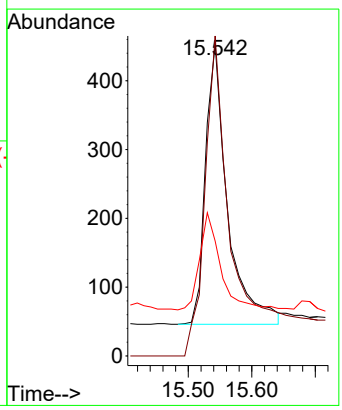


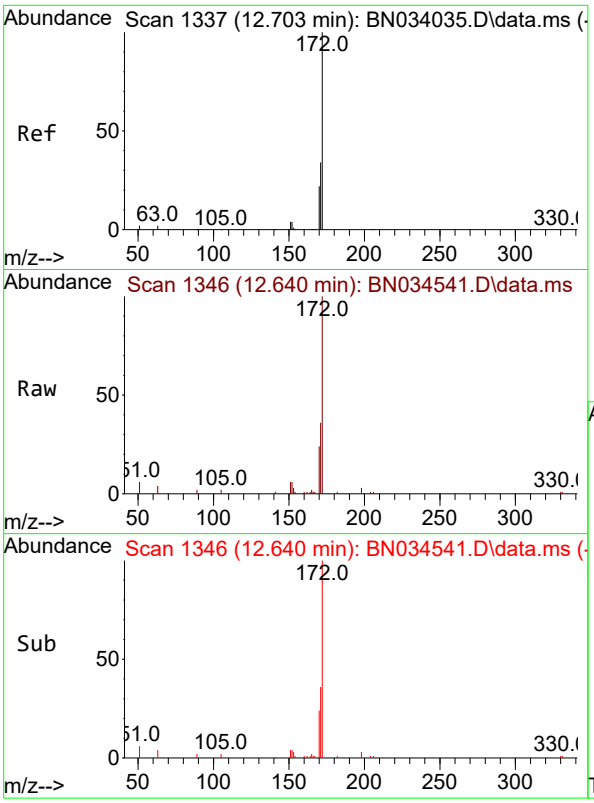


#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:330 Resp: 965

Ion	Ratio	Lower	Upper
330	100		
332	138.0	77.4	116.0#
141	32.8	35.9	53.9#



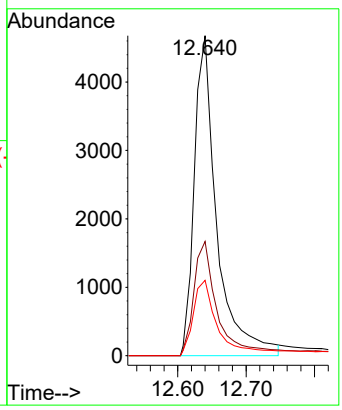


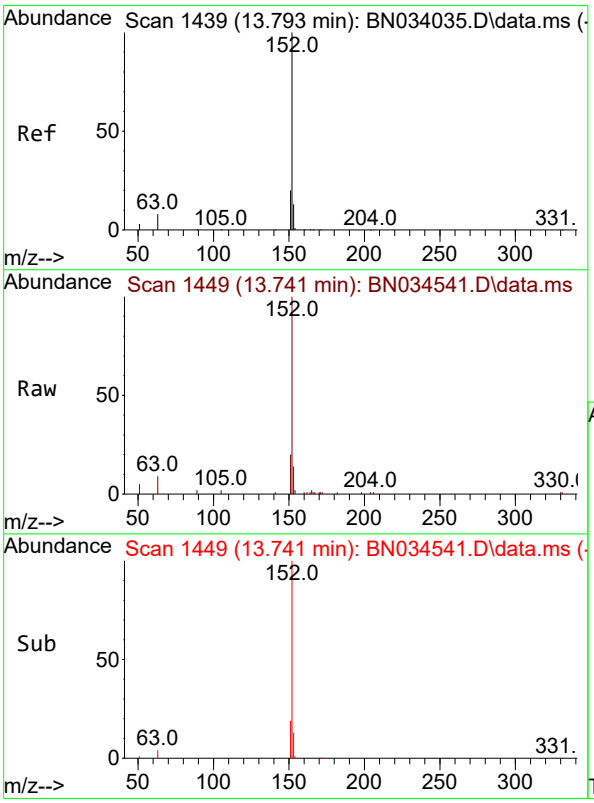
#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.640 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:172 Resp: 9802

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.3	40.9
170	23.5	18.1	27.1

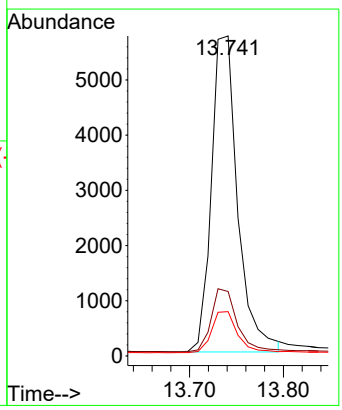


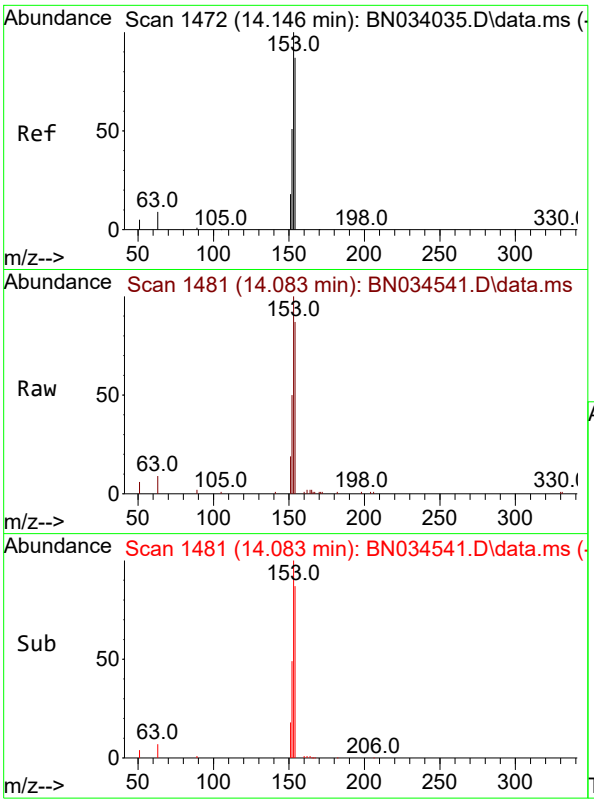


#16
Acenaphthylene
Concen: 0.352 ng
RT: 13.741 min Scan# 1449
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:152 Resp: 11177

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.0	10.3	15.5



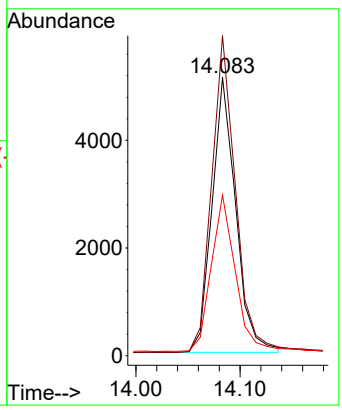


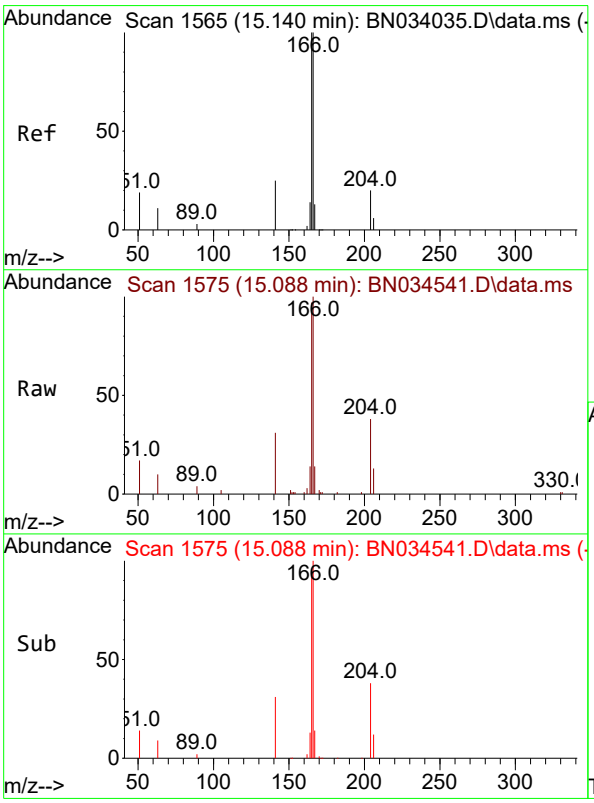
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:154 Resp: 8083

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.6	137.4
152	57.6	47.4	71.2

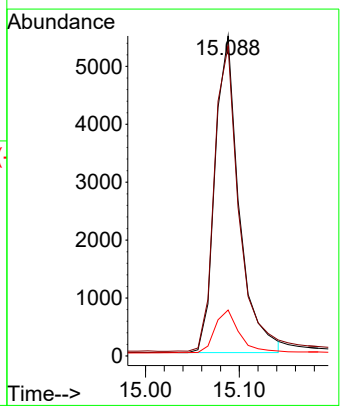


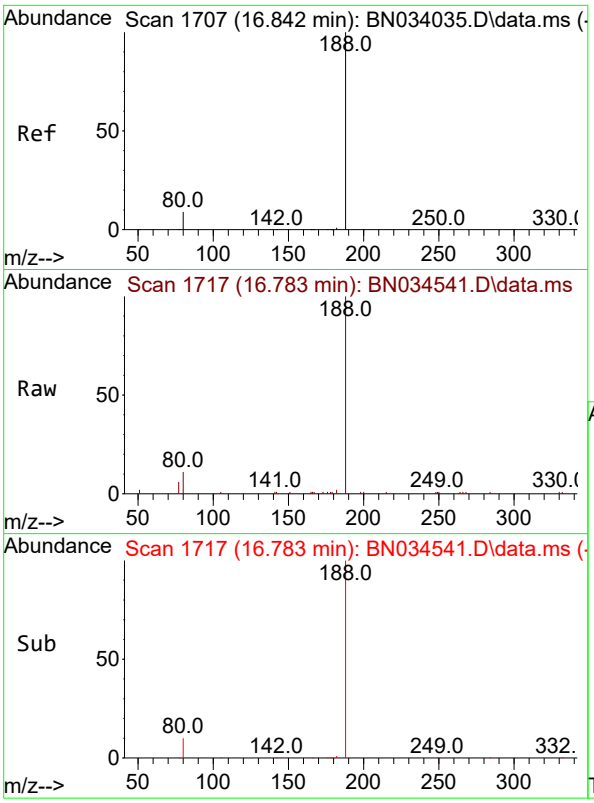


#18
Fluorene
Concen: 0.328 ng
RT: 15.088 min Scan# 1575
Delta R.T. 0.004 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:166 Resp: 9781

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.1	118.7
167	13.6	10.6	15.8



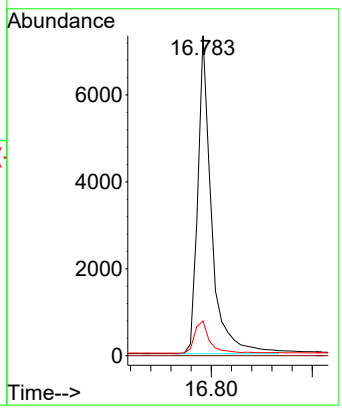


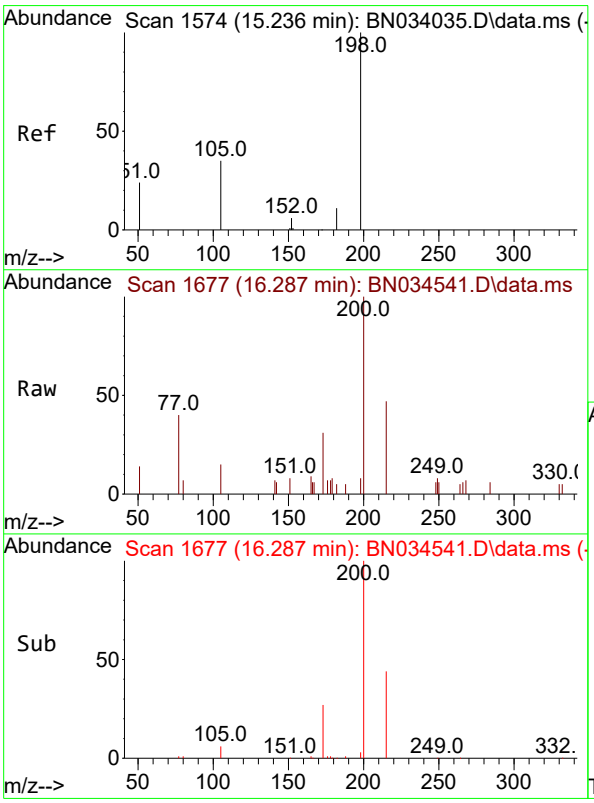
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:188 Resp: 13856

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	7.4	11.0

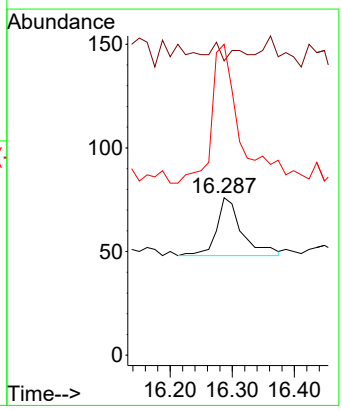


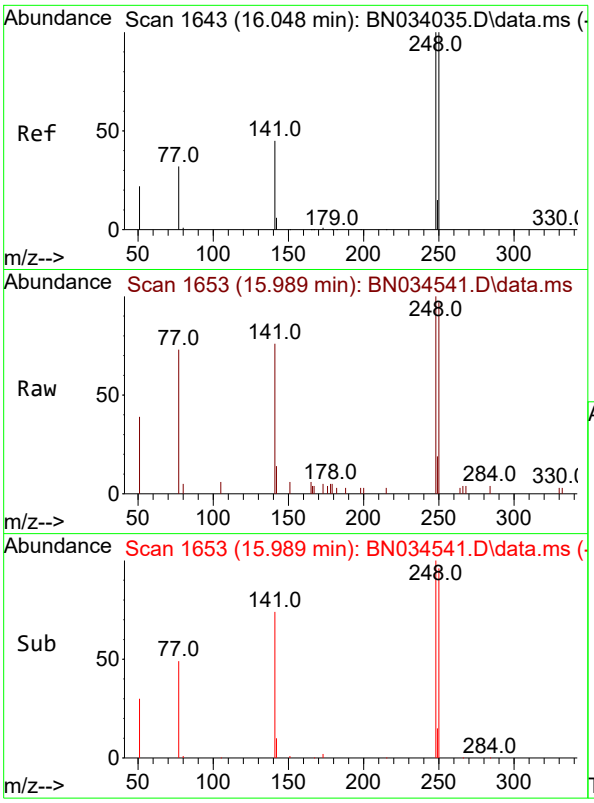


#20
4,6-Dinitro-2-methylphenol
Concen: 0.168 ng
RT: 16.287 min Scan# 1677
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:198 Resp: 79

Ion	Ratio	Lower	Upper
198	100		
51	186.8	106.4	159.6#
105	197.4	38.5	57.7#



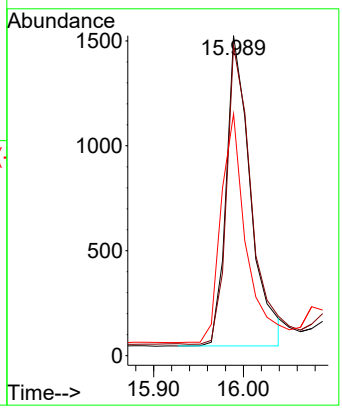


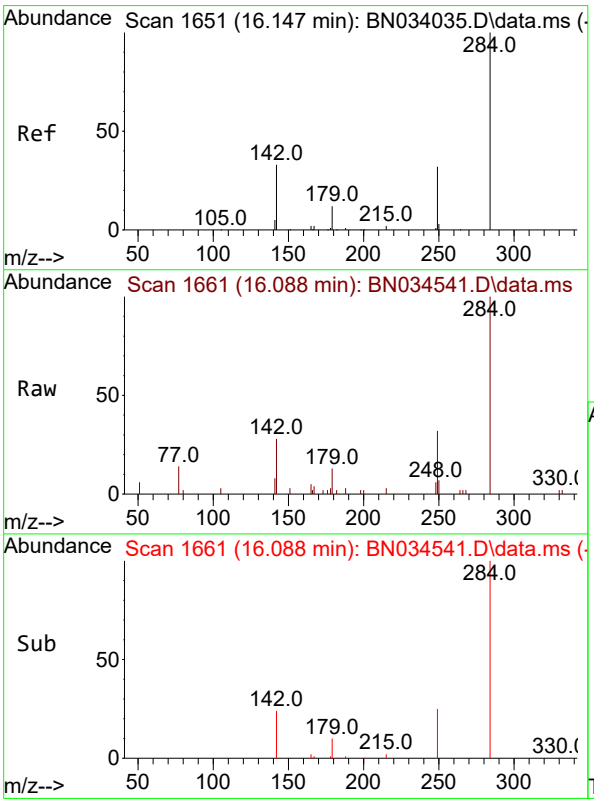
#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 15.989 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:248 Resp: 2791

Ion	Ratio	Lower	Upper
248	100		
250	96.9	80.5	120.7
141	75.5	37.1	55.7#

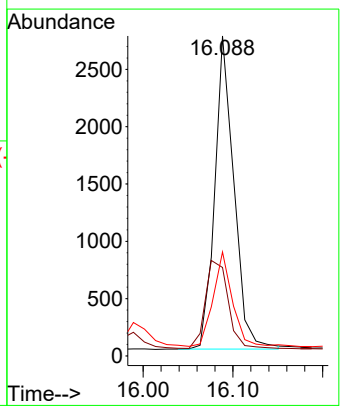


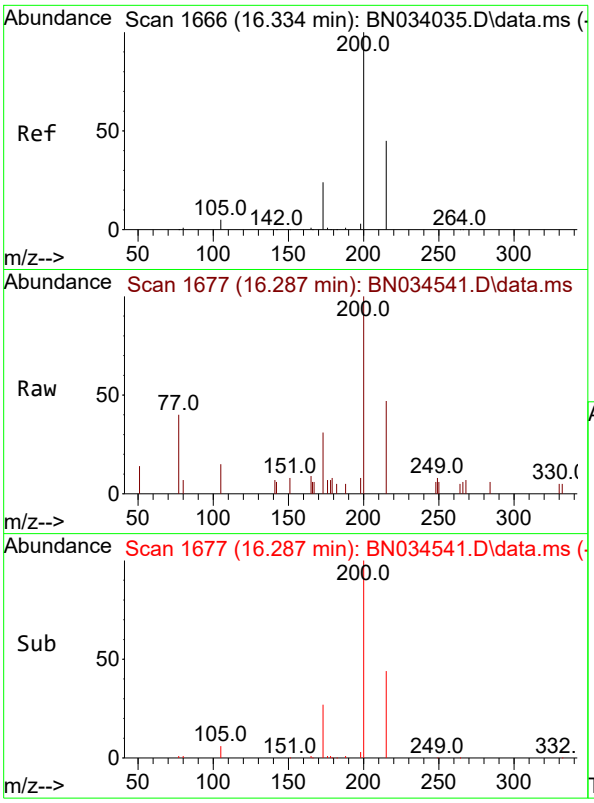


#22
Hexachlorobenzene
Concen: 0.465 ng
RT: 16.088 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:284 Resp: 4064

Ion	Ratio	Lower	Upper
284	100		
142	32.8	34.5	51.7#
249	29.9	25.8	38.6



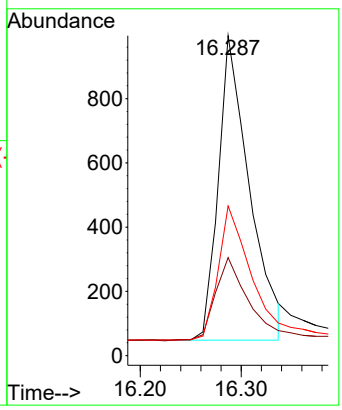


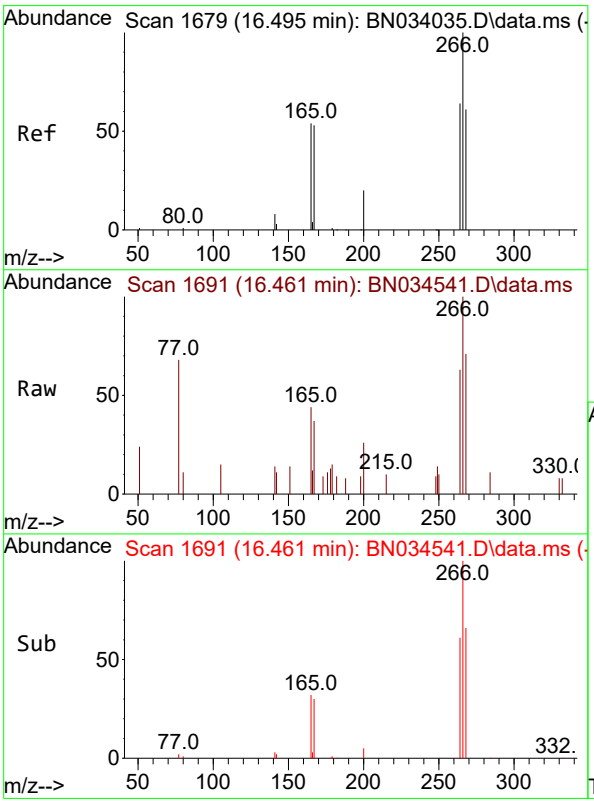
#23
Atrazine
Concen: 0.315 ng
RT: 16.287 min Scan# 1(
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:200 Resp: 2034

Ion	Ratio	Lower	Upper
200	100		
173	30.6	20.1	30.1#
215	46.8	37.0	55.6

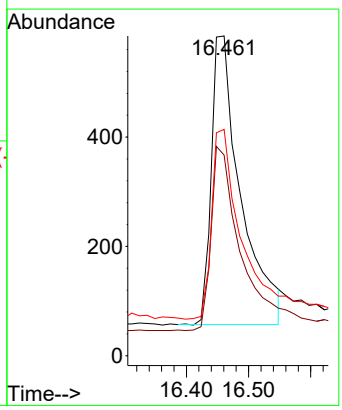


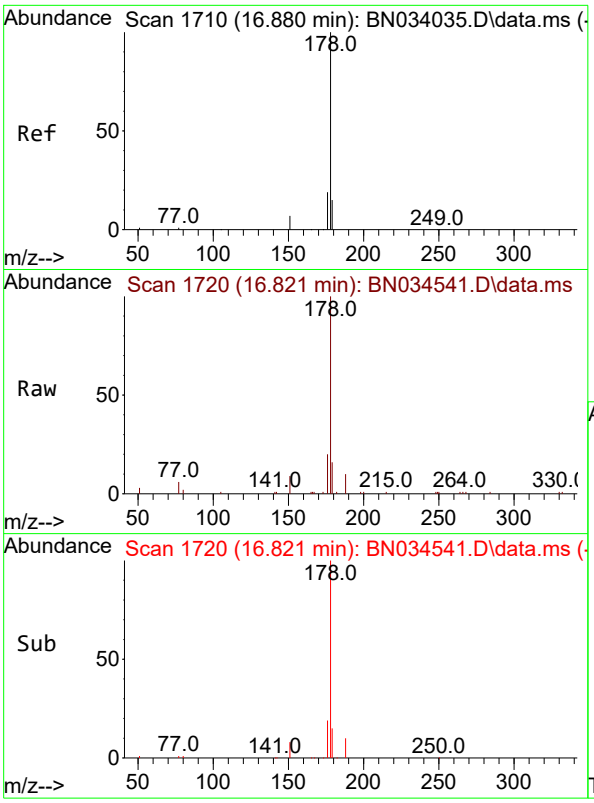


#24
Pentachlorophenol
Concen: 0.602 ng
RT: 16.461 min Scan# 1691
Delta R.T. 0.018 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:266 Resp: 1738

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.2	75.2
268	65.2	51.0	76.4



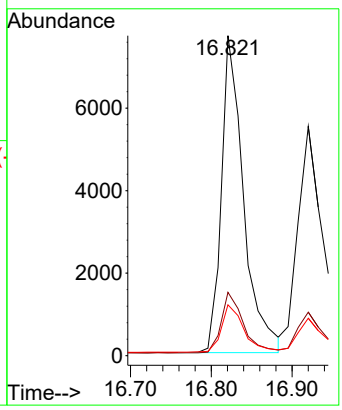


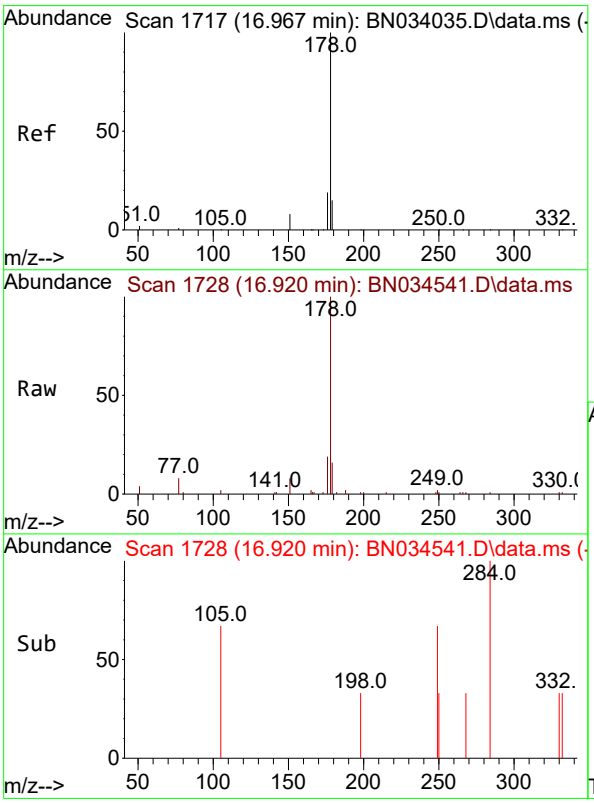
#25
Phenanthrene
Concen: 0.369 ng
RT: 16.821 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:178 Resp: 14667

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

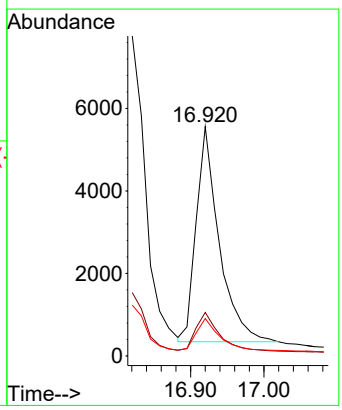


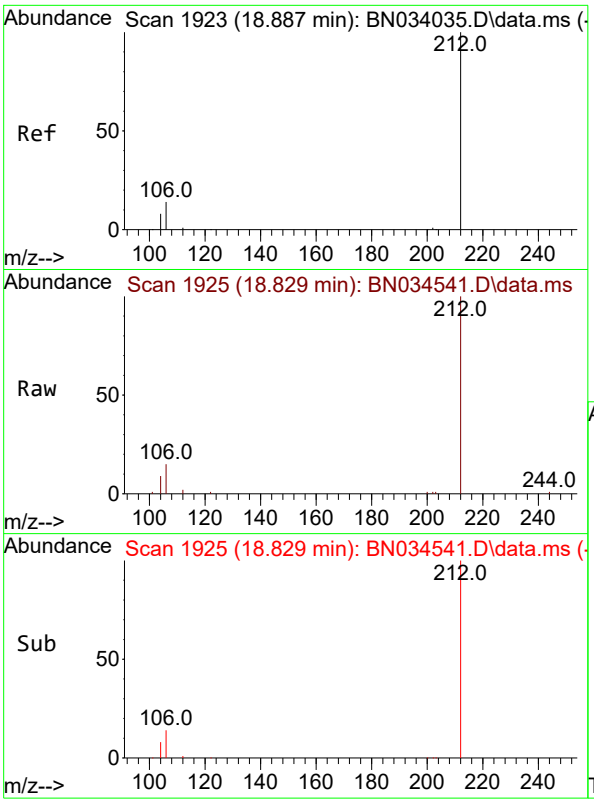


#26
Anthracene
Concen: 0.349 ng
RT: 16.920 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:178 Resp: 11324

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	14.6	12.2	18.4



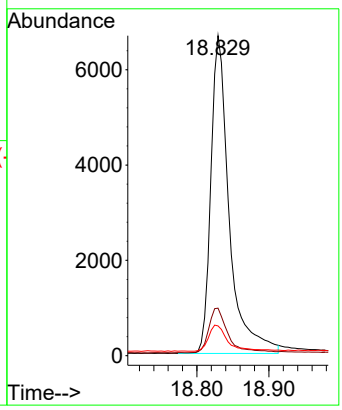


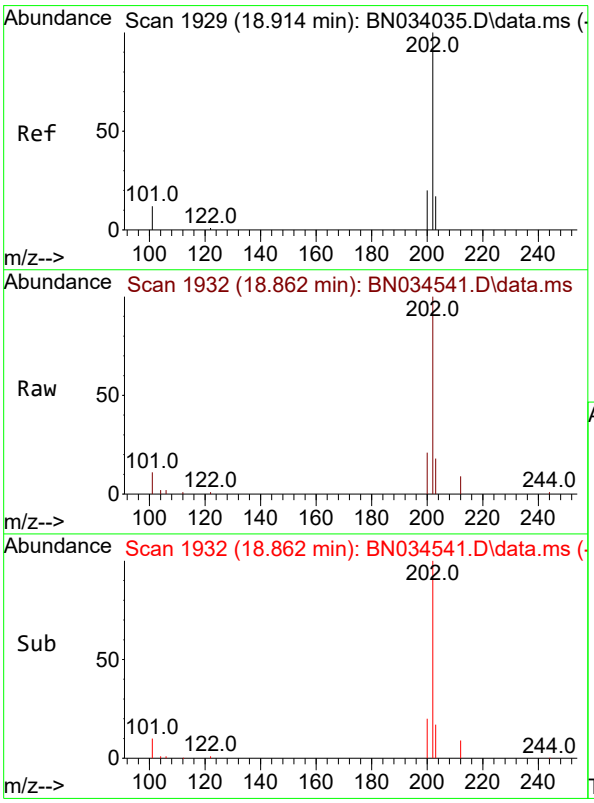
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 18.829 min Scan# 1
Delta R.T. 0.002 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:212 Resp: 11799

Ion	Ratio	Lower	Upper
212	100		
106	14.5	13.4	20.2
104	8.5	7.8	11.6

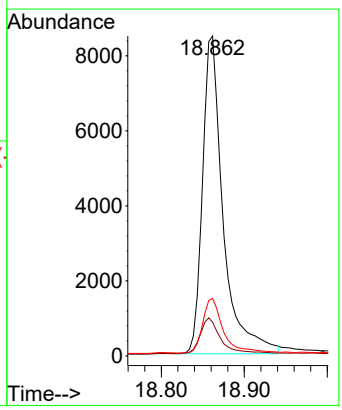


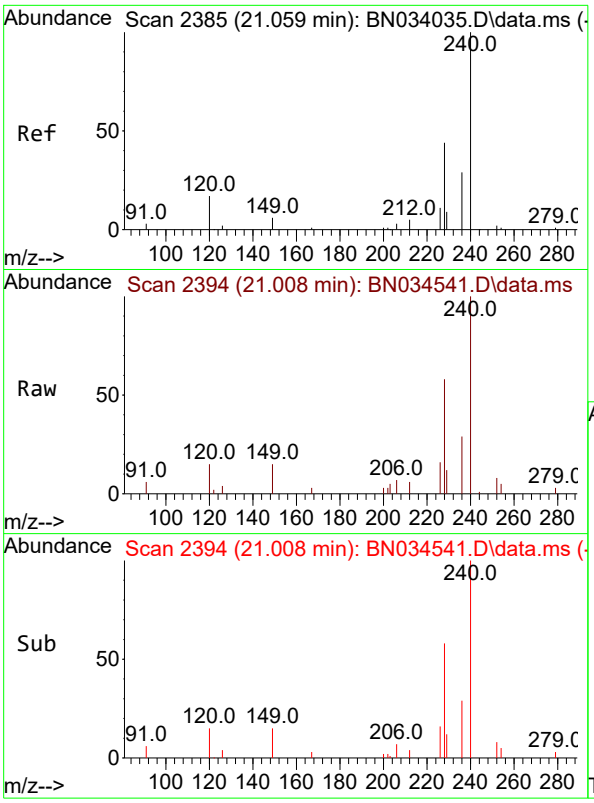


#28
Fluoranthene
Concen: 0.318 ng
RT: 18.862 min Scan# 1932
Delta R.T. 0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:202 Resp: 14677

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.1	15.1
203	17.2	13.6	20.4



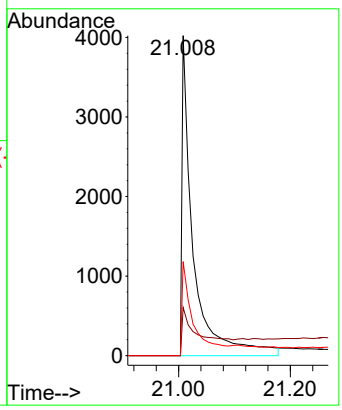


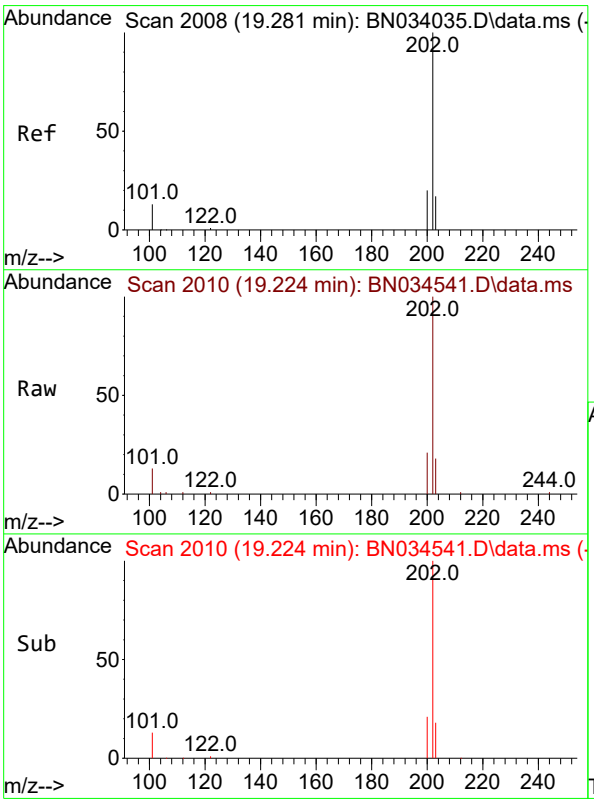
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:240 Resp: 5816

Ion	Ratio	Lower	Upper
240	100		
120	15.1	13.5	20.3
236	29.4	23.4	35.0

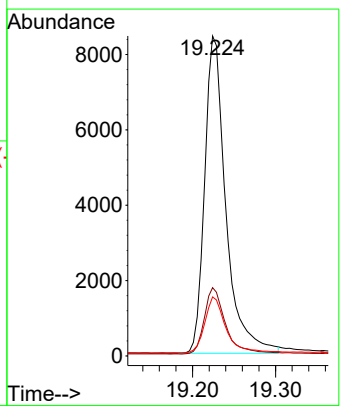


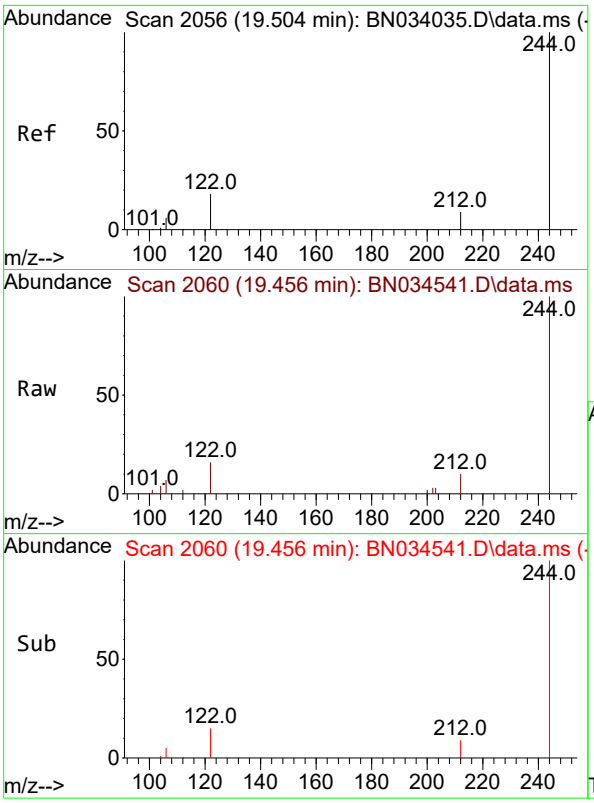


#30
Pyrene
Concen: 0.610 ng
RT: 19.224 min Scan# 2010
Delta R.T. 0.002 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:202 Resp: 14985

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	14.3	21.5



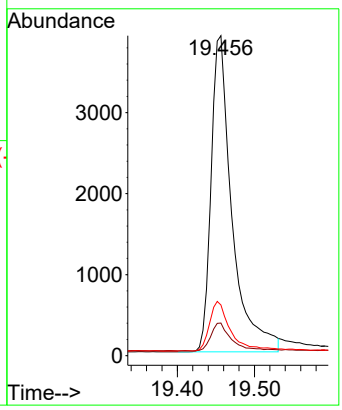


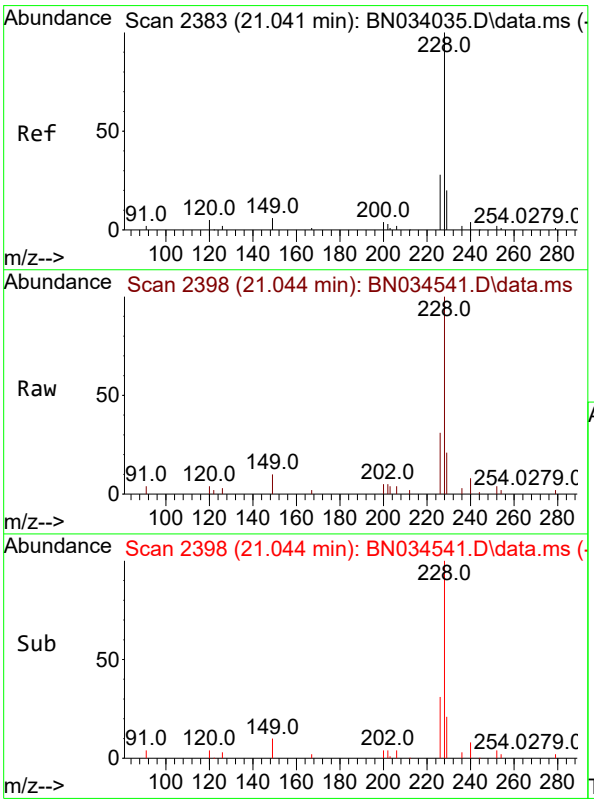
#31
Terphenyl-d14
Concen: 0.635 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:244 Resp: 7377

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.8	11.6
122	15.8	14.8	22.2

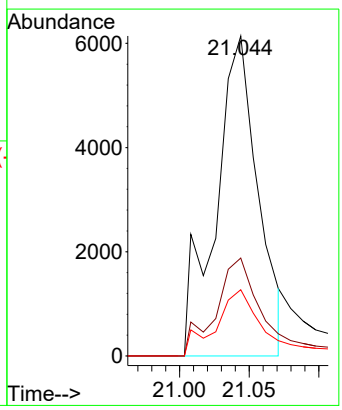


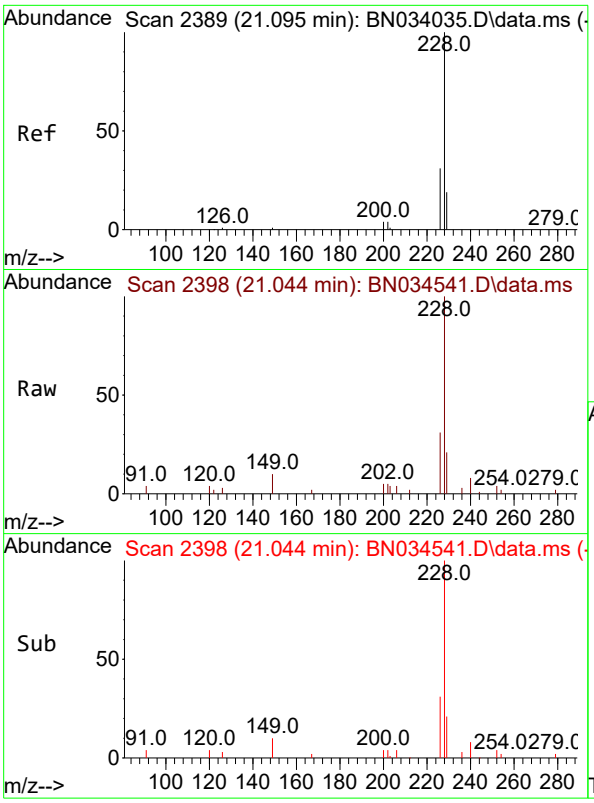


#32
Benzo(a)anthracene
Concen: 0.648 ng
RT: 21.044 min Scan# 2398
Delta R.T. 0.038 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:228 Resp: 11926

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.3	33.5
229	20.7	15.7	23.5



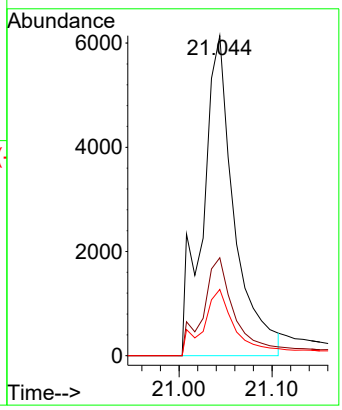


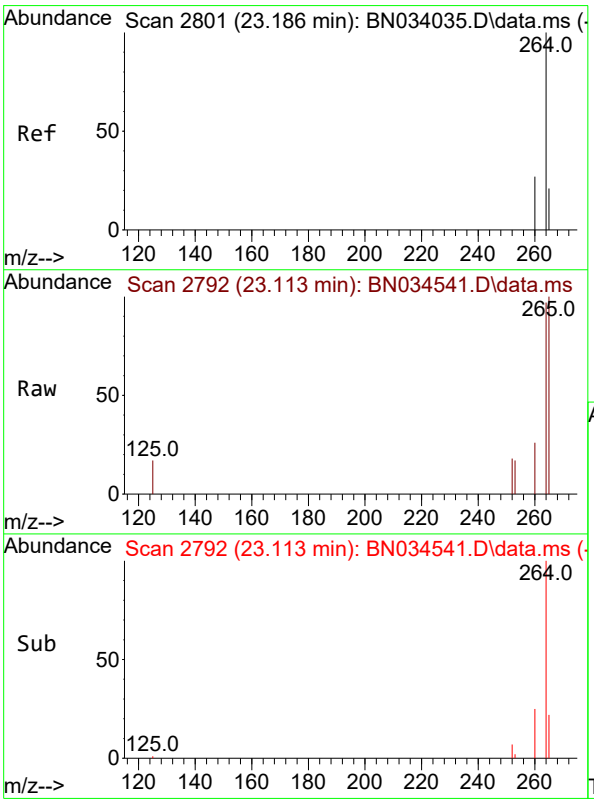
#33
Chrysene
Concen: 0.620 ng
RT: 21.044 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:228 Resp: 13618

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	20.7	15.5	23.3

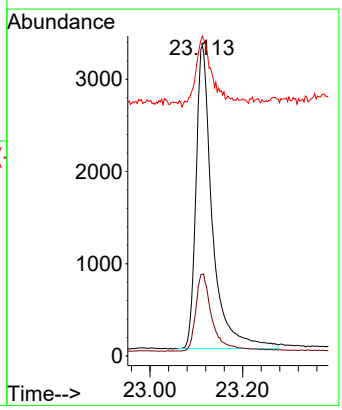


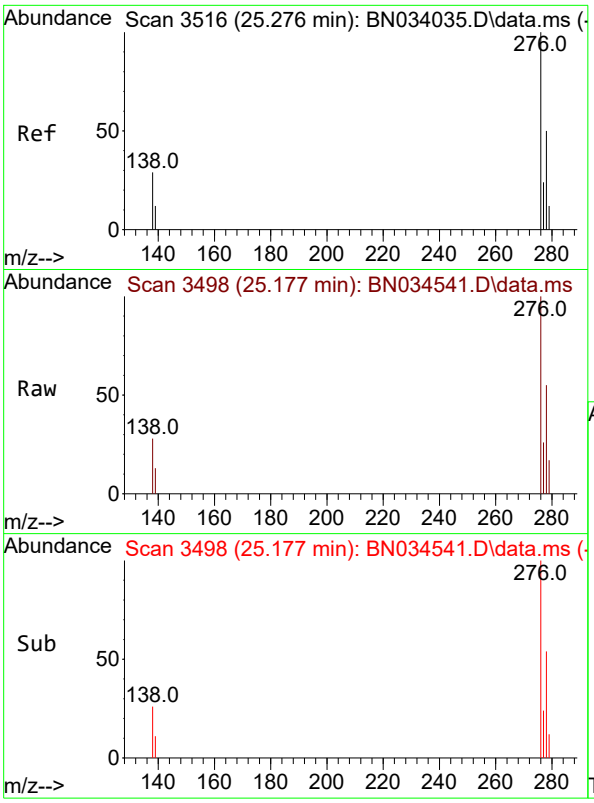


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.113 min Scan# 2792
Delta R.T. -0.001 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:264 Resp: 8088

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.7	32.5
265	103.1	52.1	78.1#



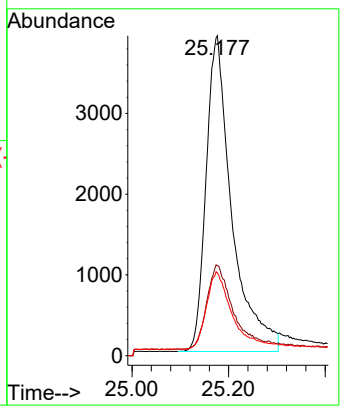


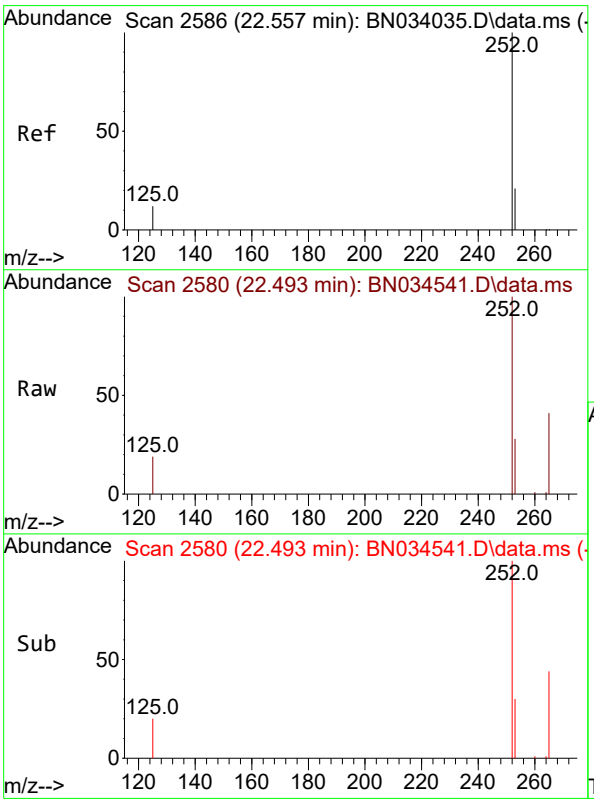
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 25.177 min Scan# 34
Delta R.T. 0.008 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:276 Resp: 14485

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.9	38.9
277	25.0	19.7	29.5

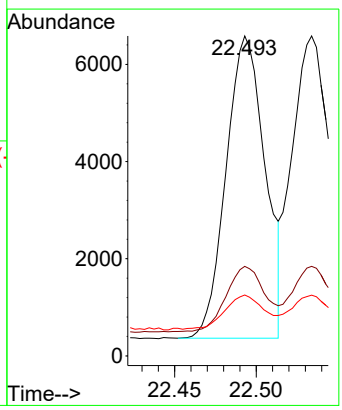


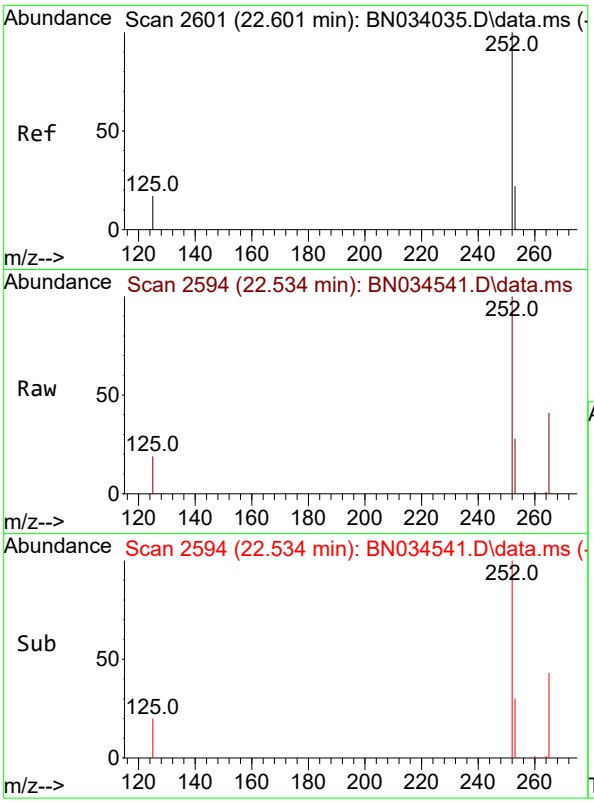


#37
Benzo(b)fluoranthene
Concen: 0.325 ng
RT: 22.493 min Scan# 2580
Delta R.T. -0.001 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:252 Resp: 10312

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.6	29.4
125	19.0	13.8	20.8



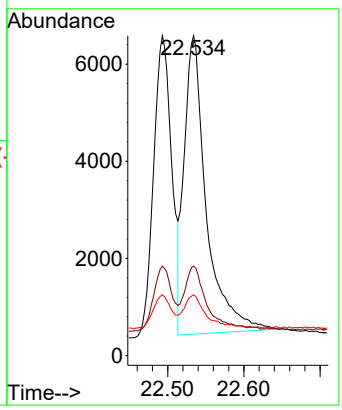


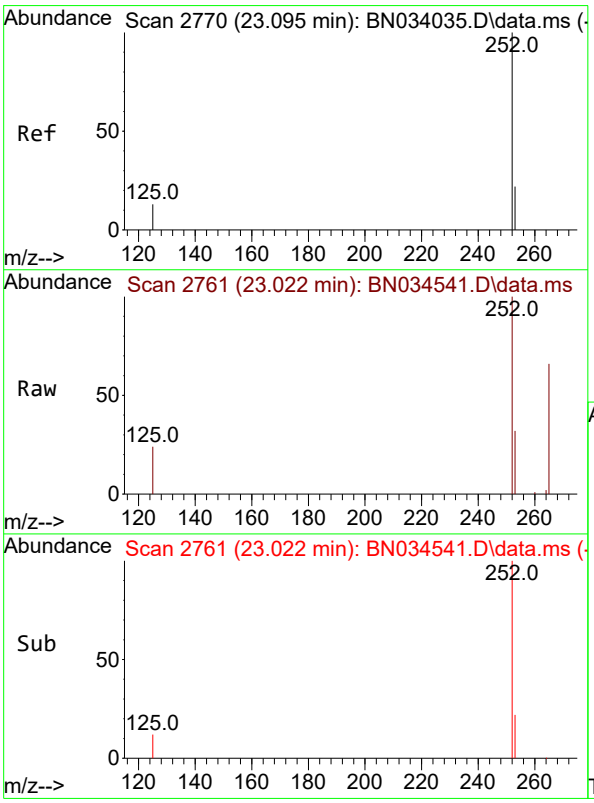
#38
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.534 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:252 Resp: 12383

Ion	Ratio	Lower	Upper
252	100		
253	28.0	20.1	30.1
125	19.0	16.8	25.2

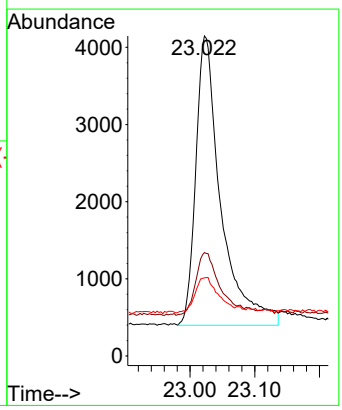


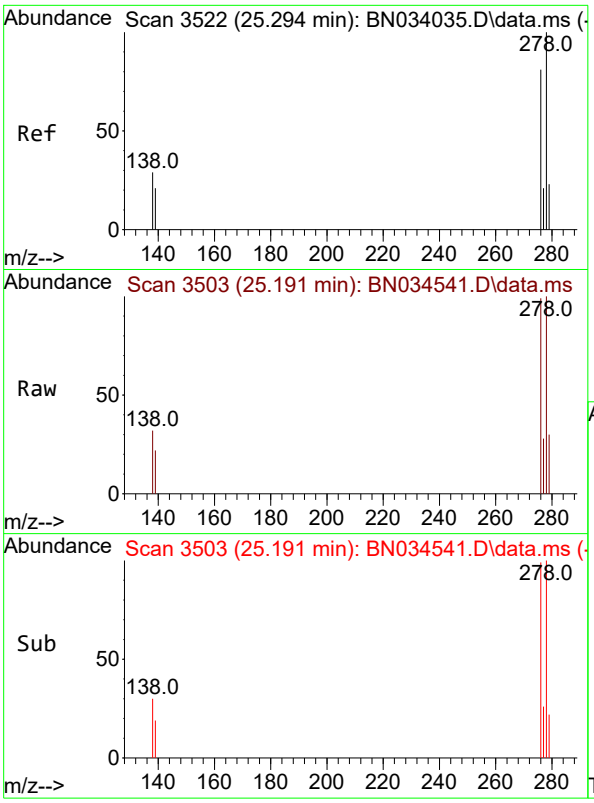


#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.022 min Scan# 2761
Delta R.T. -0.001 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:252 Resp: 10101

Ion	Ratio	Lower	Upper
252	100		
253	32.3	21.8	32.8
125	24.4	17.5	26.3



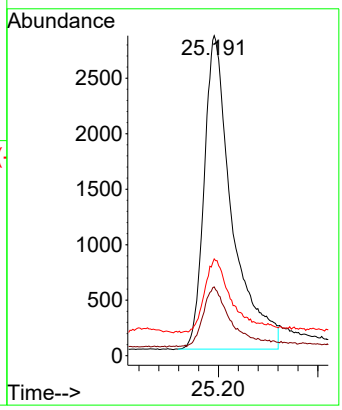


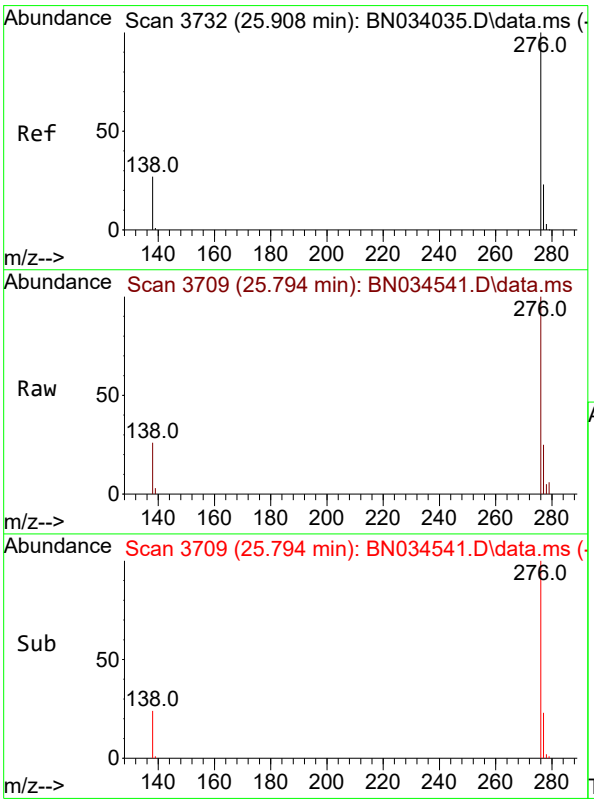
#40
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.191 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Instrument :
BNA_N
ClientSampleId :
PB163903BSD

Tgt Ion:278 Resp: 11001

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.8	26.8
279	30.3	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.423 ng
RT: 25.794 min Scan# 3709
Delta R.T. -0.001 min
Lab File: BN034541.D
Acq: 11 Oct 2024 04:26

Tgt Ion:276 Resp: 12779

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.3	28.9
138	26.3	22.6	34.0