Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034709.D
Acq On : 25 Oct 2024 01:50
Operator : RC/JU
Sample : PB164323BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Quant Time: Oct 25 02:47:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	6013	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	16515	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	7014	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	12765	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7084	0.400	ng	# 0.00
35) Perylene-d12	23.464	264	5993	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	5386	0.301	ng	0.00
5) Phenol-d6	6.882	99	7340	0.311	ng	0.00
8) Nitrobenzene-d5	8.845	82	4790	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	8029	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	529	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	10454	0.375	ng	0.00
27) Fluoranthene-d10	19.094	212	9959	0.346	ng	0.00
31) Terphenyl-d14	19.703	244	5697	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2419	0.302	ng	# 42
3) n-Nitrosodimethylamine	3.581	42	4502	0.387	ng	# 93
6) bis(2-Chloroethyl)ether	7.142	93	6932	0.362	ng	98
9) Naphthalene	10.532	128	16475	0.361	ng	100
10) Hexachlorobutadiene	10.831	225	2402	0.351	ng	# 99
12) 2-Methylnaphthalene	12.143	142	9674	0.341	ng	98
16) Acenaphthylene	14.040	152	12467	0.370	ng	99
17) Acenaphthene	14.383	154	8229	0.355	ng	98
18) Fluorene	15.377	166	9662	0.337	ng	99
20) 4,6-Dinitro-2-methylph...	15.441	198	552	0.311	ng	# 59
21) 4-Bromophenyl-phenylether	16.262	248	2478	0.364	ng	# 63
22) Hexachlorobenzene	16.374	284	2726	0.369	ng	97
23) Atrazine	16.535	200	1776	0.332	ng	# 88
24) Pentachlorophenol	16.721	266	1341	0.514	ng	97
25) Phenanthrene	17.106	178	14487	0.378	ng	100
26) Anthracene	17.193	178	12794	0.376	ng	100
28) Fluoranthene	19.122	202	13715	0.343	ng	99
30) Pyrene	19.484	202	14147	0.389	ng	100
32) Benzo(a)anthracene	21.232	228	10521	0.389	ng	100
33) Chrysene	21.277	228	11324	0.404	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	5484	0.357	ng	98
36) Indeno(1,2,3-cd)pyrene	25.692	276	10339	0.448	ng	96
37) Benzo(b)fluoranthene	22.800	252	10114	0.423	ng	94
38) Benzo(k)fluoranthene	22.844	252	9875	0.418	ng	96
39) Benzo(a)pyrene	23.367	252	8431	0.439	ng	93
40) Dibenzo(a,h)anthracene	25.709	278	7958	0.437	ng	96
41) Benzo(g,h,i)perylene	26.367	276	8503	0.424	ng	97

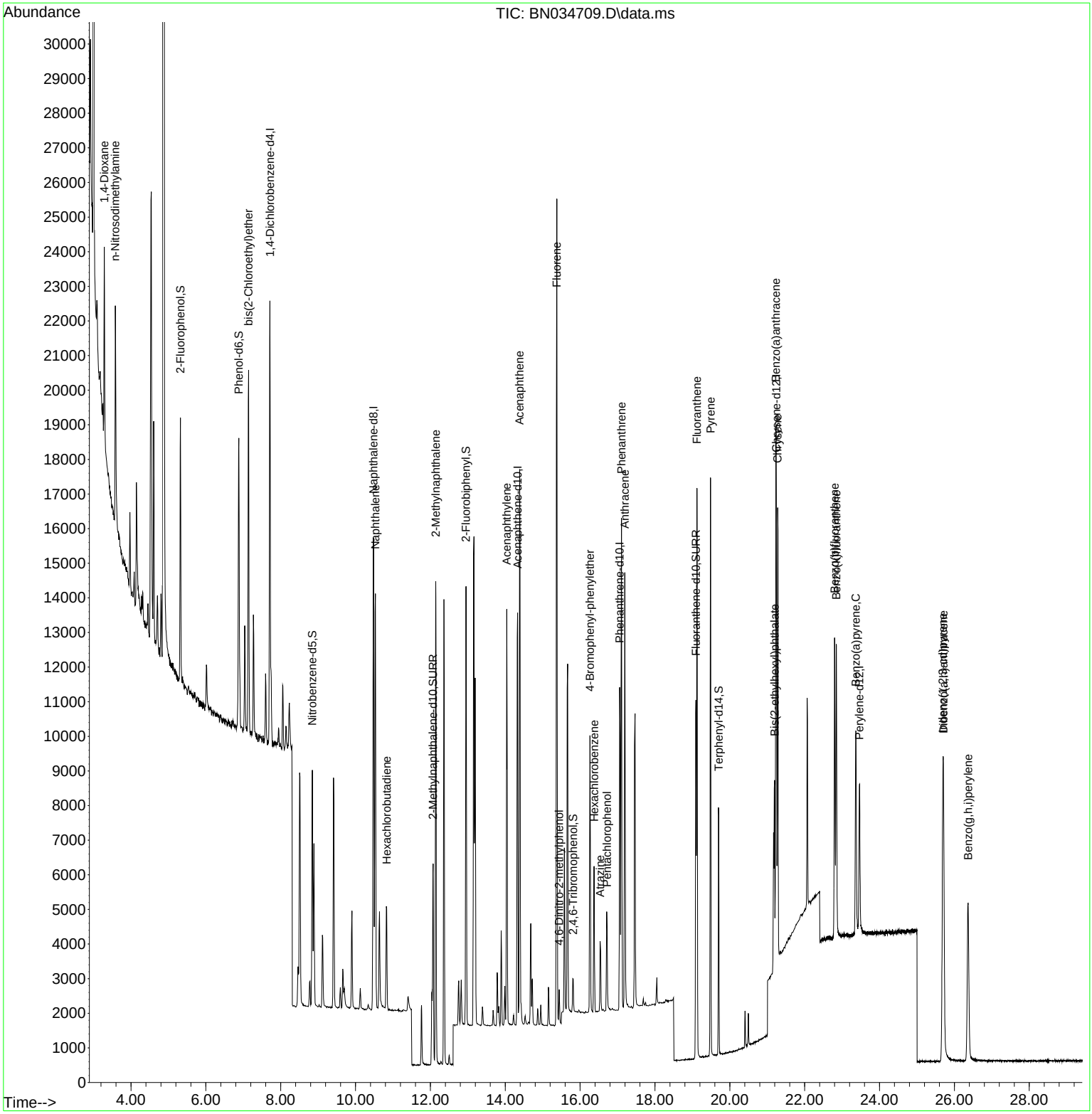
(#) = qualifier out of range (m) = manual integration (+) = signals summed

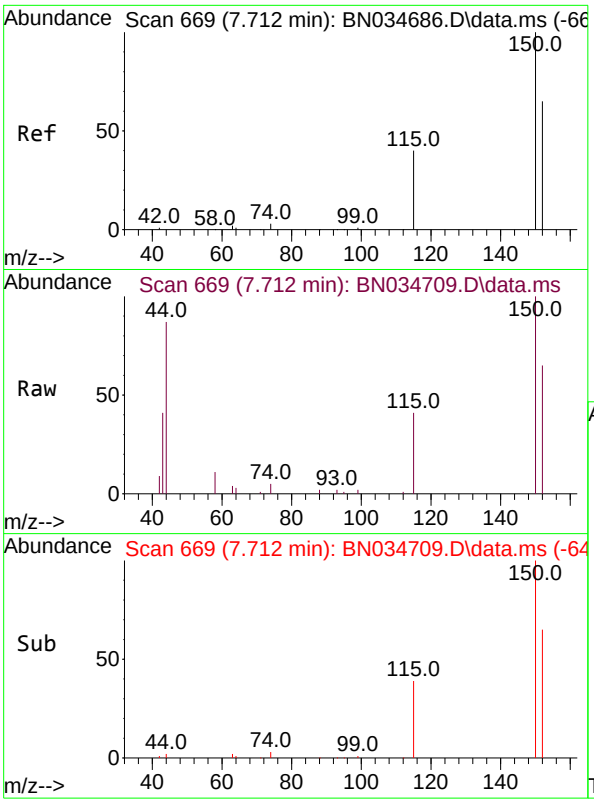
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034709.D
Acq On : 25 Oct 2024 01:50
Operator : RC/JU
Sample : PB164323BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Quant Time: Oct 25 02:47:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration



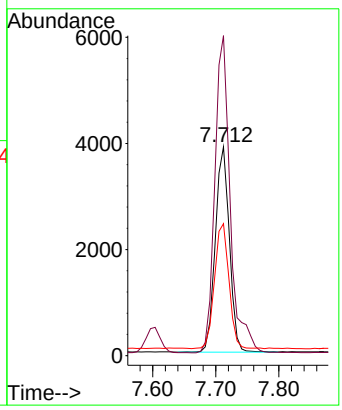


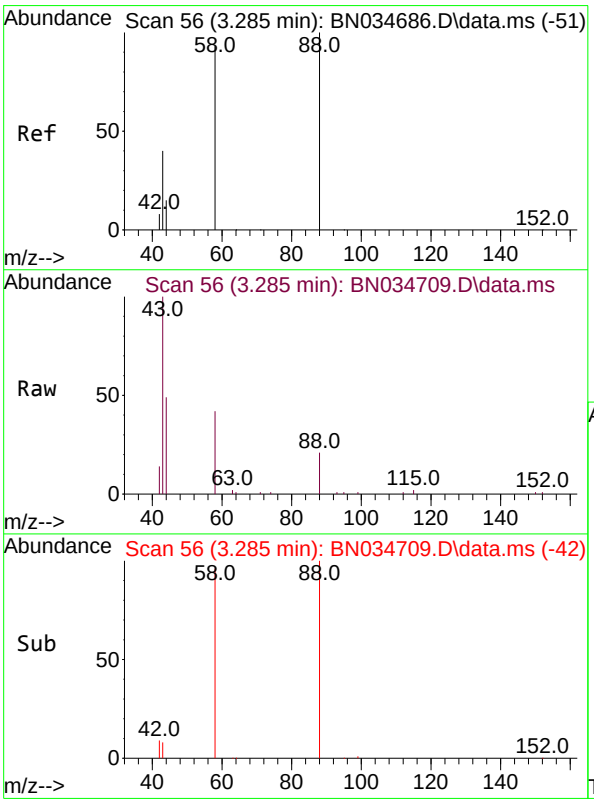
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:152 Resp: 6013

Ion	Ratio	Lower	Upper
152	100		
150	153.3	122.7	184.1
115	63.2	51.0	76.6

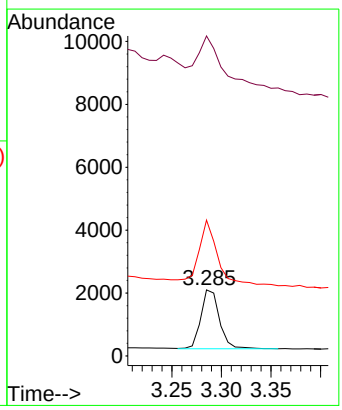


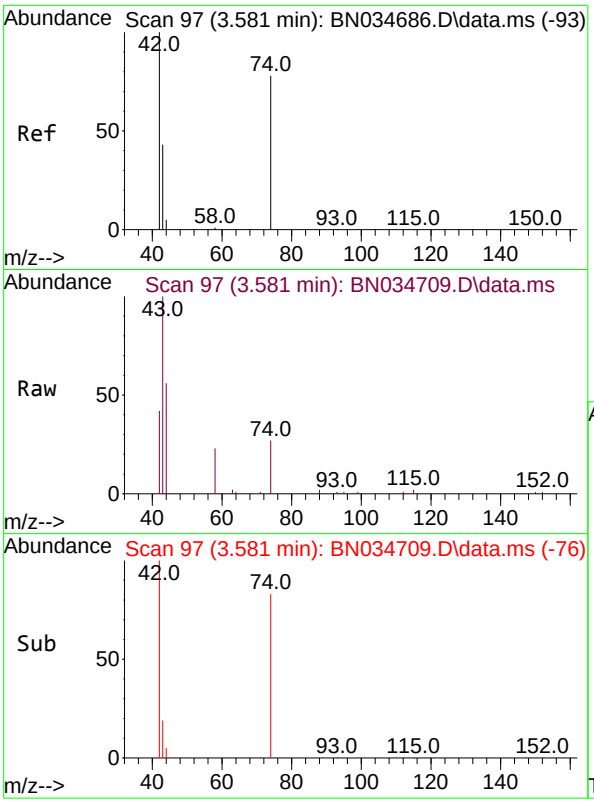


#2
1,4-Dioxane
Concen: 0.302 ng
RT: 3.285 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion: 88 Resp: 2419

Ion	Ratio	Lower	Upper
88	100		
43	121.3	32.1	48.1#
58	116.5	73.7	110.5#



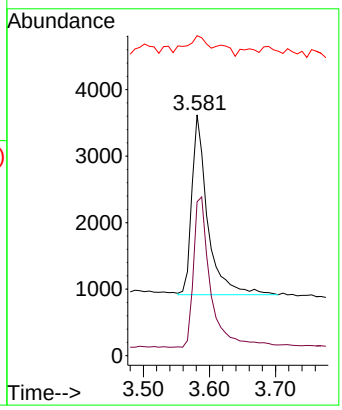


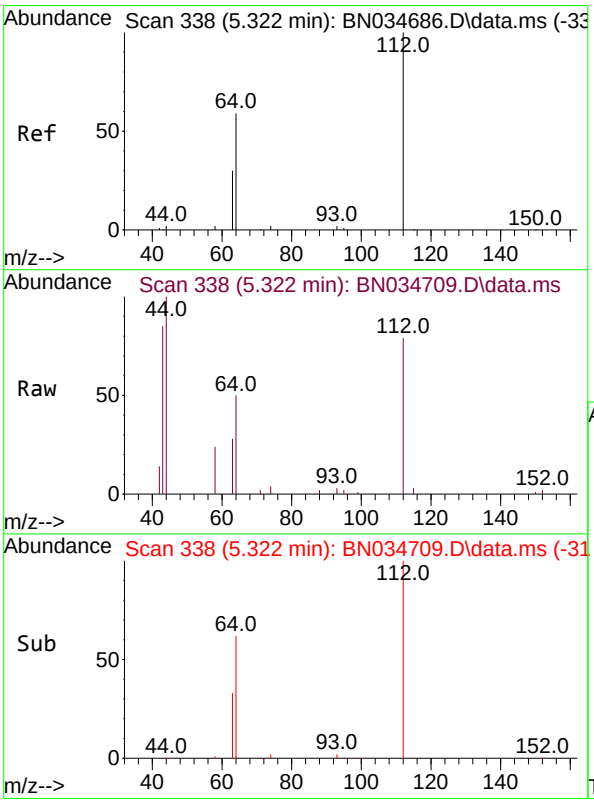
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.581 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion: 42 Resp: 4502

Ion	Ratio	Lower	Upper
42	100		
74	90.4	77.2	115.8
44	10.9	13.4	20.2#

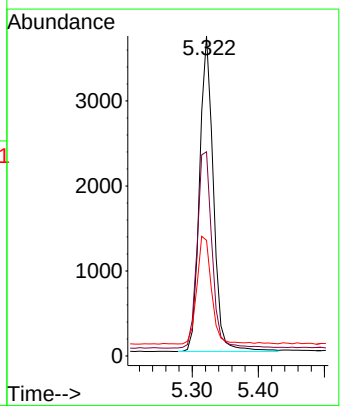


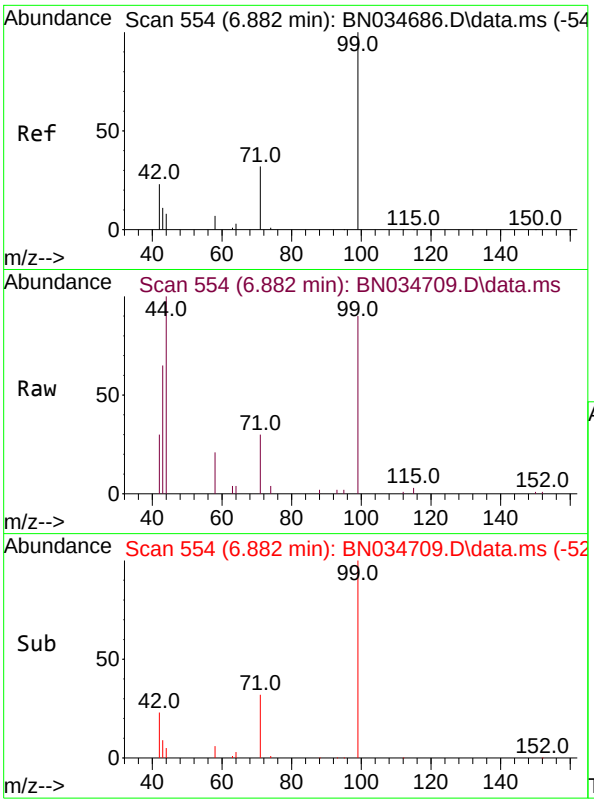


#4
2-Fluorophenol
Concen: 0.301 ng
RT: 5.322 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:112 Resp: 5386

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.0	79.6
63	35.9	27.6	41.4



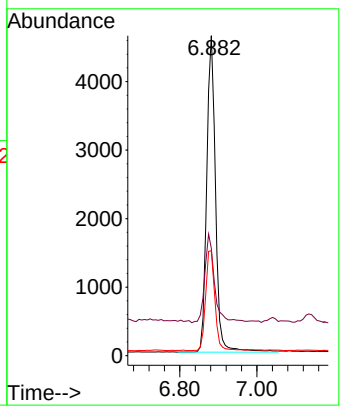


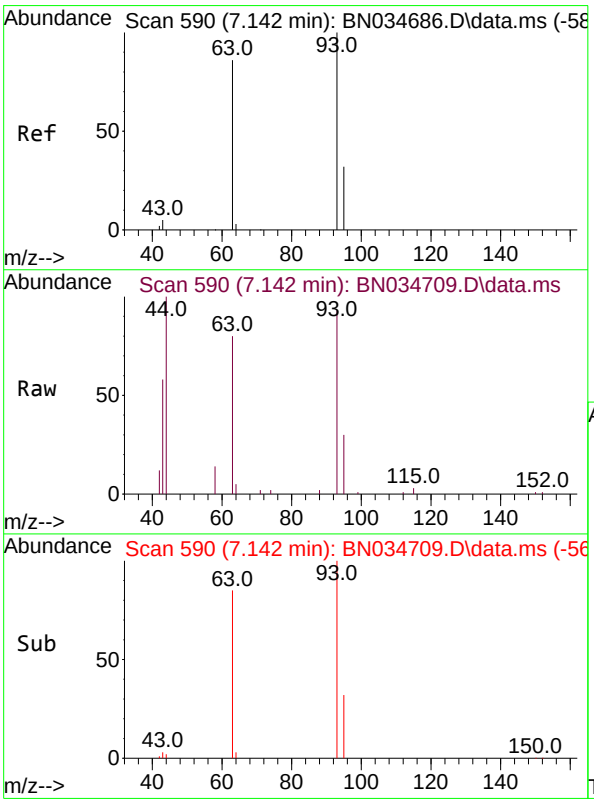
#5
Phenol-d6
Concen: 0.311 ng
RT: 6.882 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion: 99 Resp: 7340

Ion	Ratio	Lower	Upper
99	100		
42	31.0	21.8	32.8
71	33.1	26.6	40.0

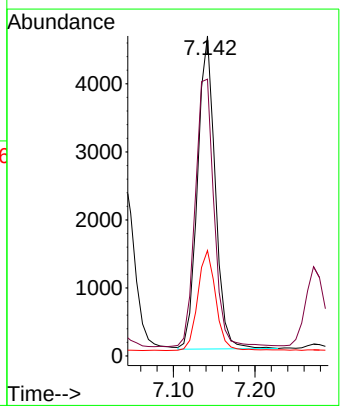


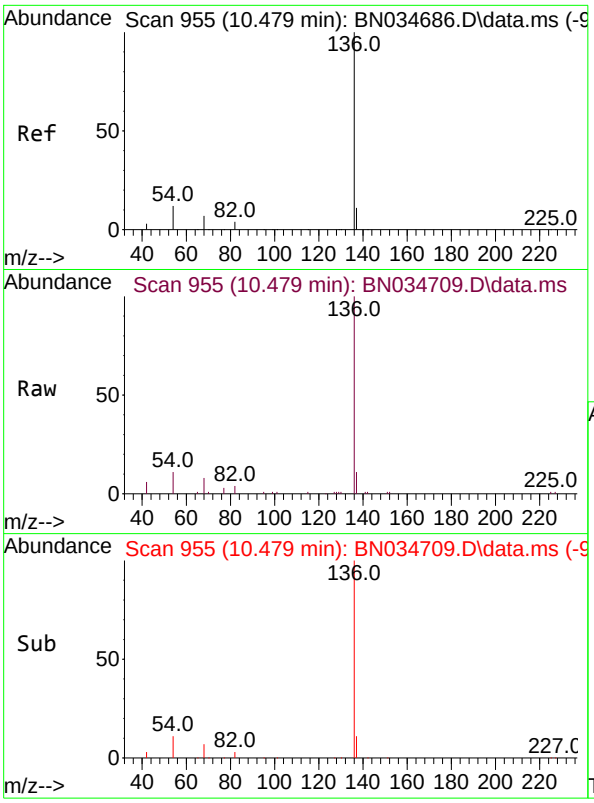


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion: 93 Resp: 6932

Ion	Ratio	Lower	Upper
93	100		
63	91.2	71.5	107.3
95	32.5	25.8	38.6



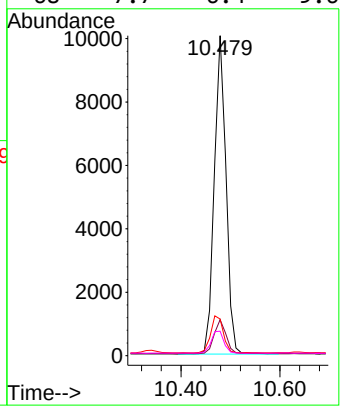


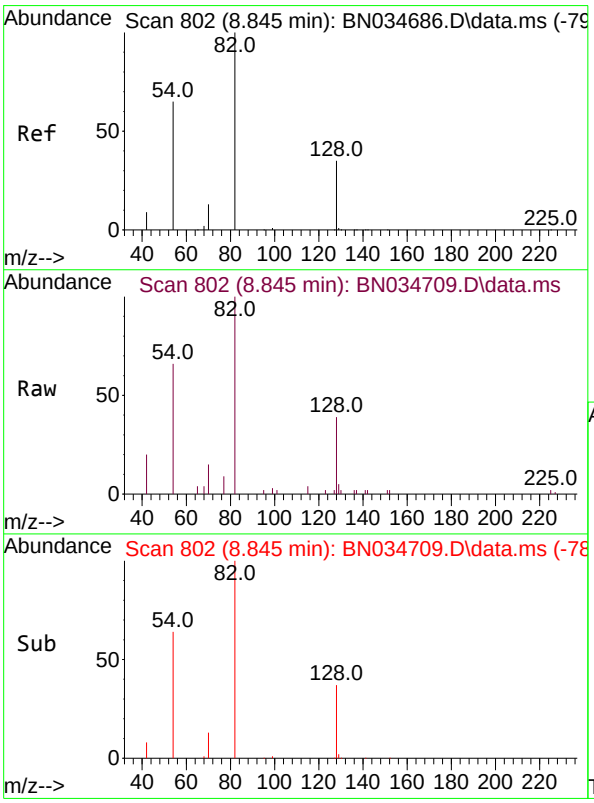
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:136 Resp: 16515

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.5	9.8	14.8
68	7.7	6.4	9.6

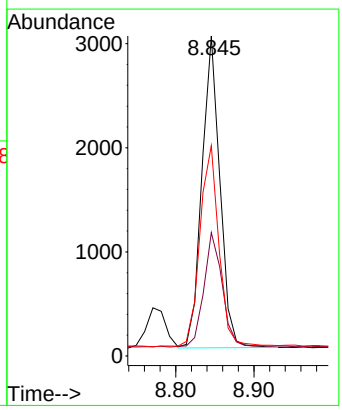


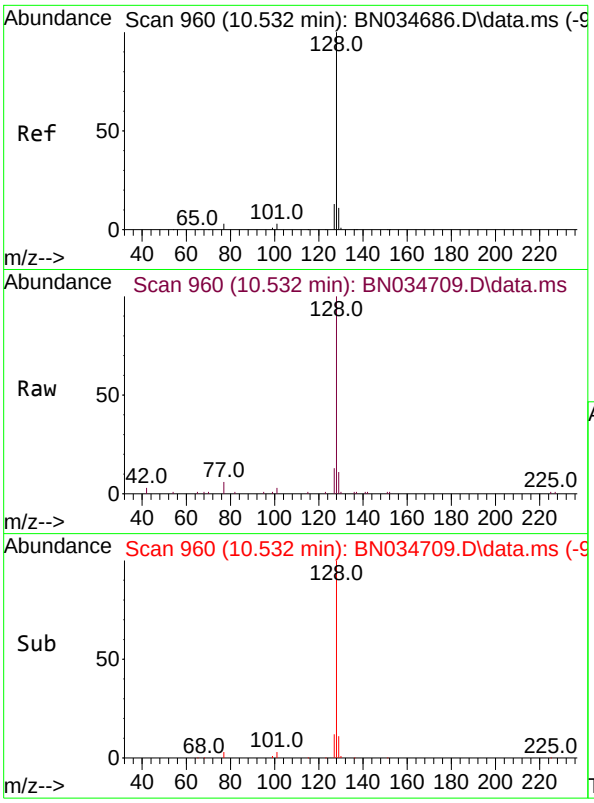


#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.845 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion: 82 Resp: 4790

Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.7	44.5
54	65.7	53.0	79.6



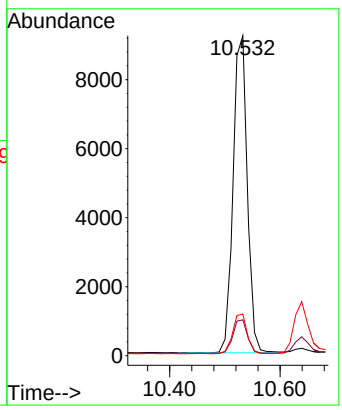


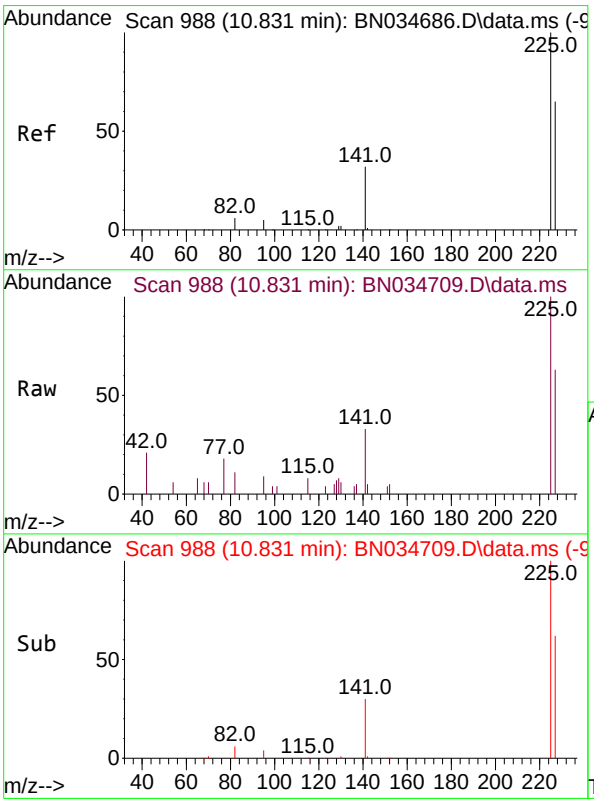
#9
Naphthalene
Concen: 0.361 ng
RT: 10.532 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:128 Resp: 16475

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.0	10.5	15.7

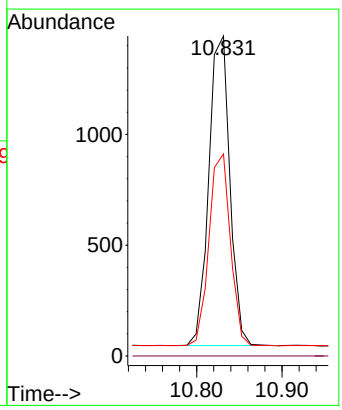


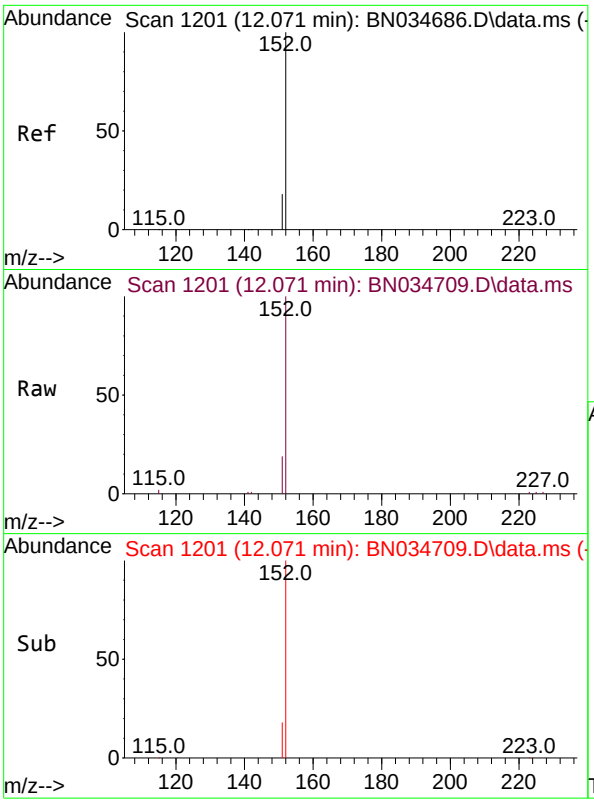


#10
Hexachlorobutadiene
Concen: 0.351 ng
RT: 10.831 min Scan# 988
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:225 Resp: 2402

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	51.4	77.0



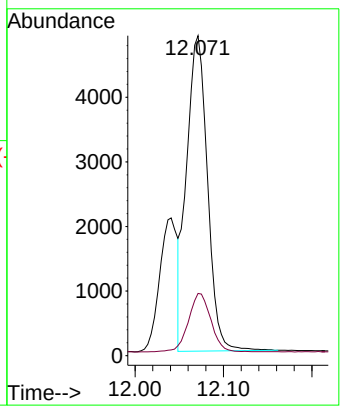


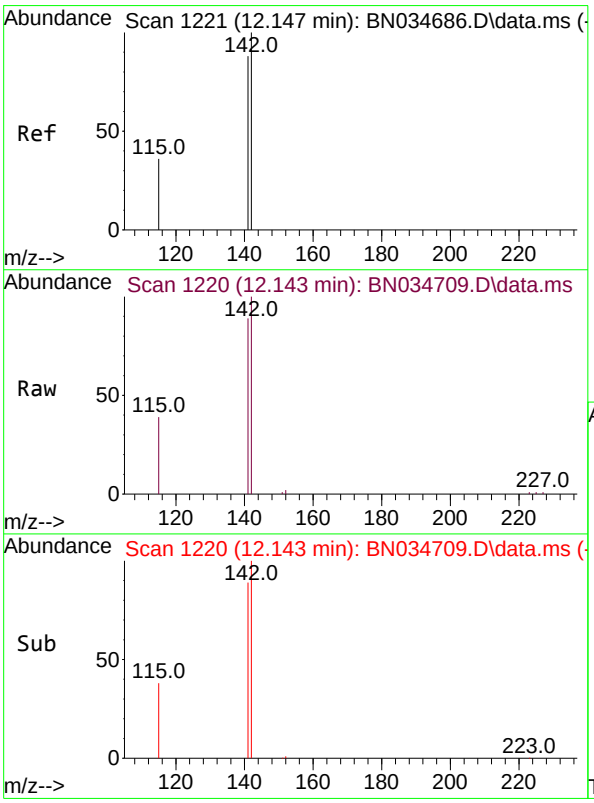
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.071 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:152 Resp: 8029

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.7	25.1

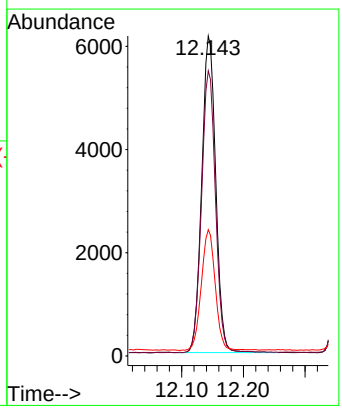


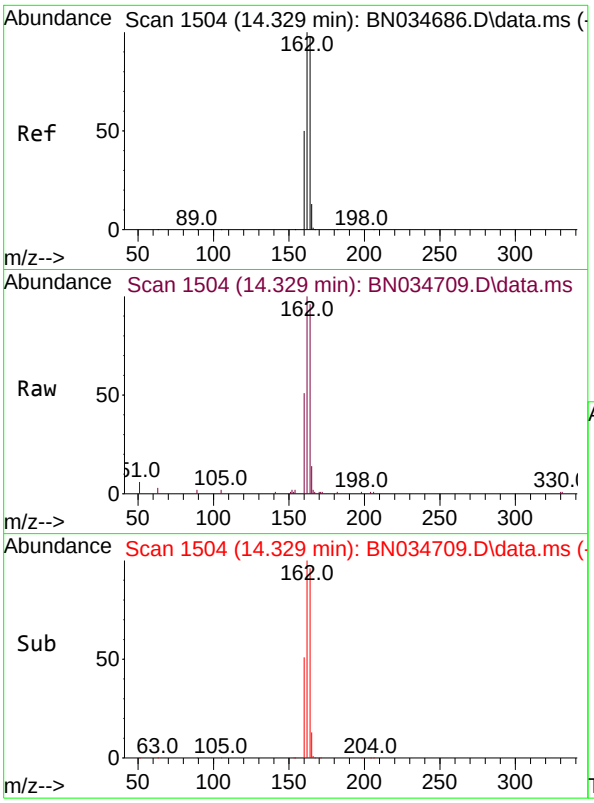


#12
2-Methylnaphthalene
Concen: 0.341 ng
RT: 12.143 min Scan# 1220
Delta R.T. -0.004 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:142 Resp: 9674

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	39.5	29.8	44.6



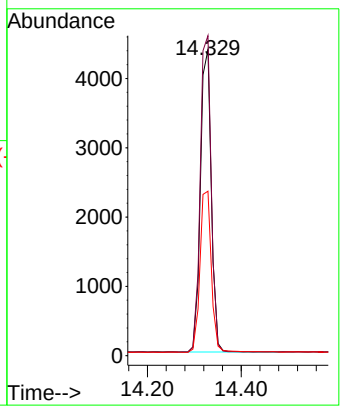


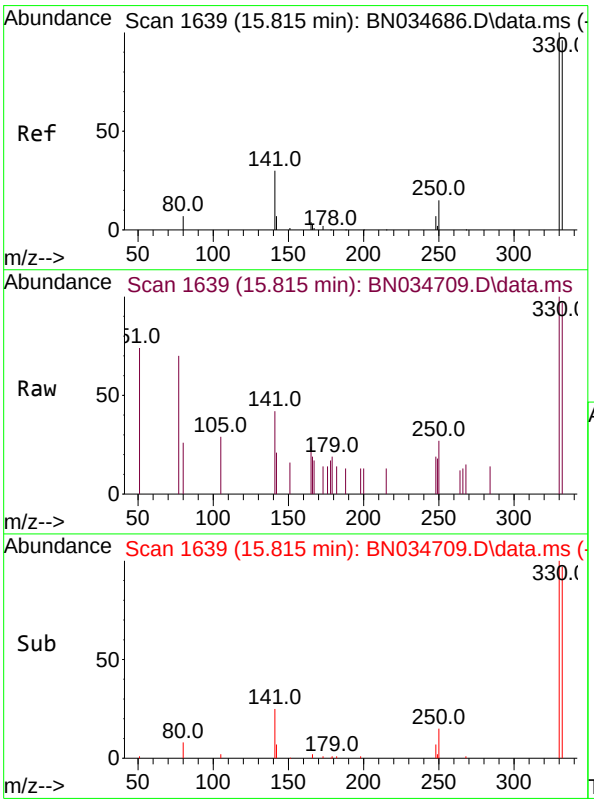
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:164 Resp: 7014

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.4	122.0
160	53.7	40.6	61.0

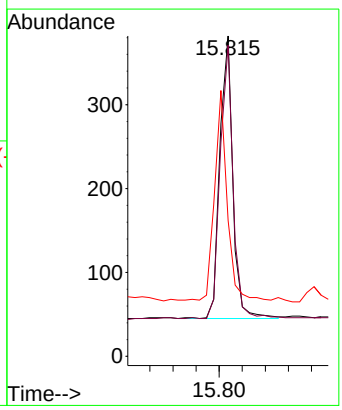


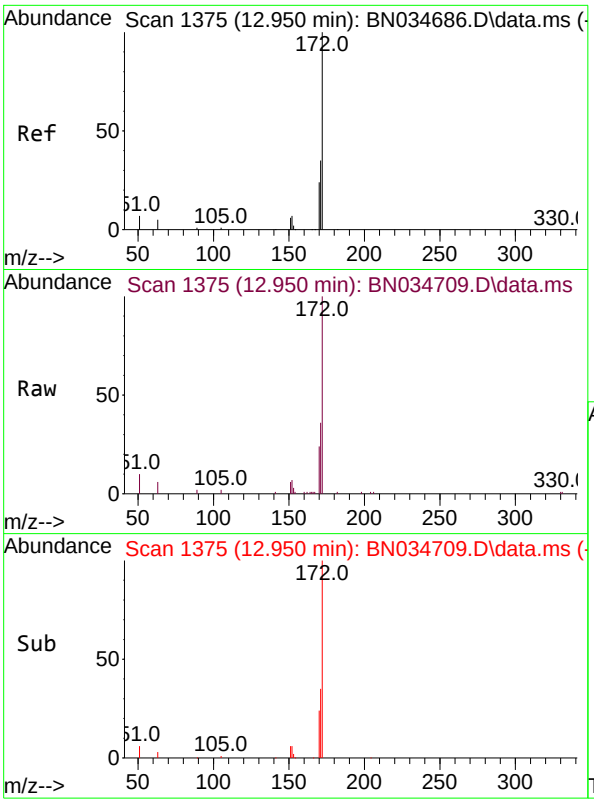


#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 15.815 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:330 Resp: 529

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	70.1	54.6	81.8



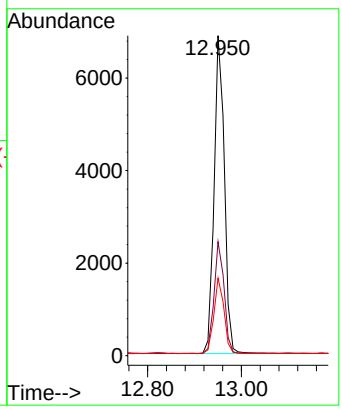


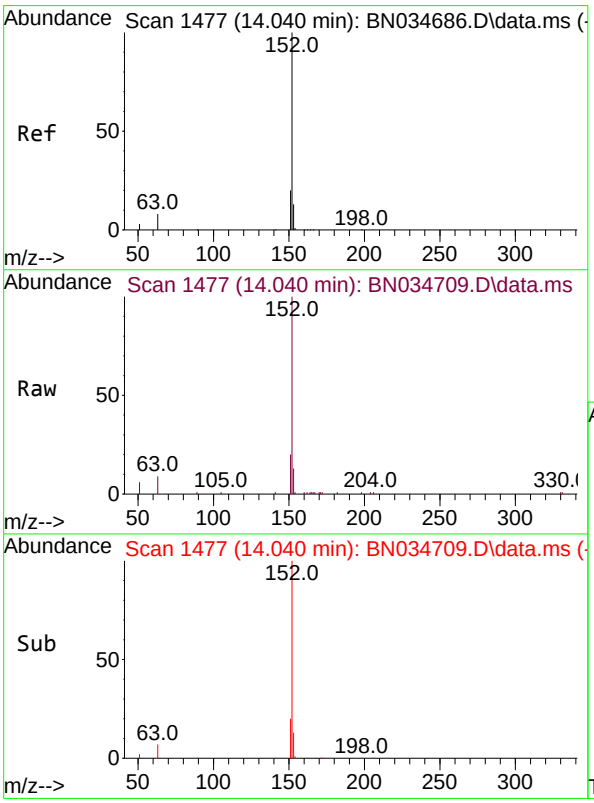
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 12.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:172 Resp: 10454

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	24.3	19.8	29.6

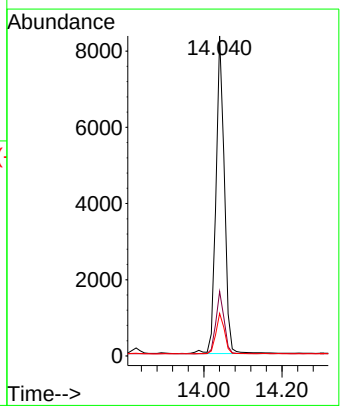


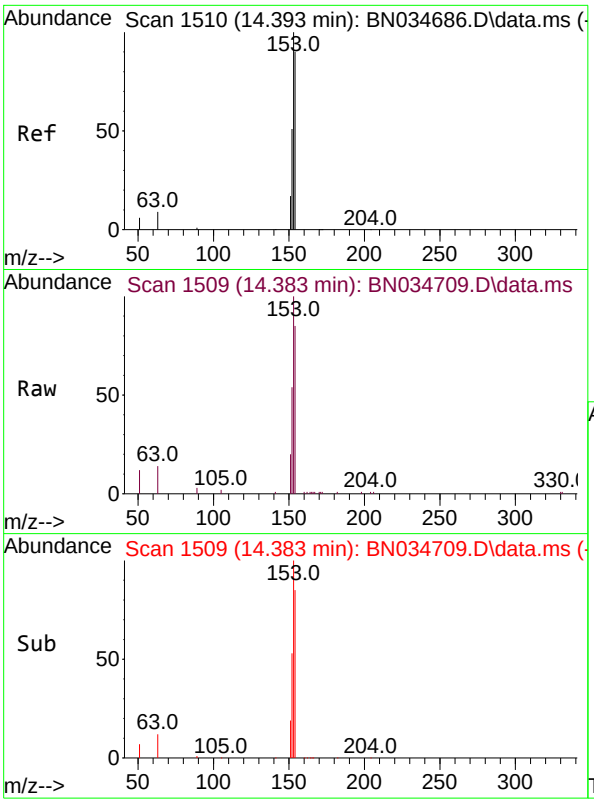


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.040 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:152 Resp: 12467

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.9	10.6	15.8





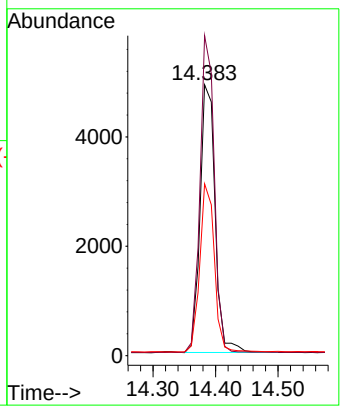
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.383 min Scan# 1

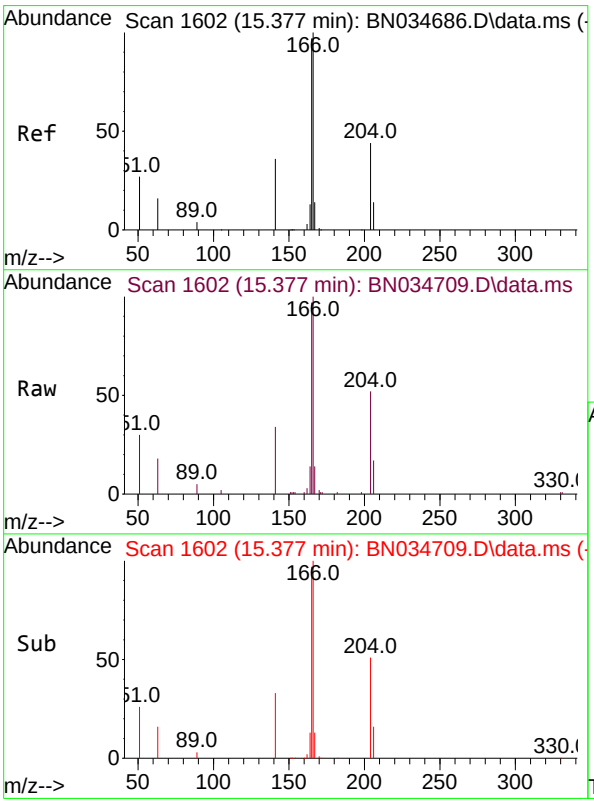
Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Delta R.T. -0.011 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:154 Resp: 8229

Ion	Ratio	Lower	Upper
154	100		
153	111.9	88.2	132.2
152	60.4	46.9	70.3

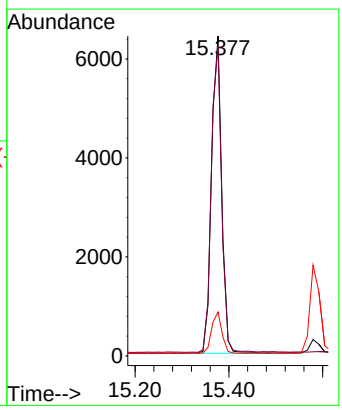


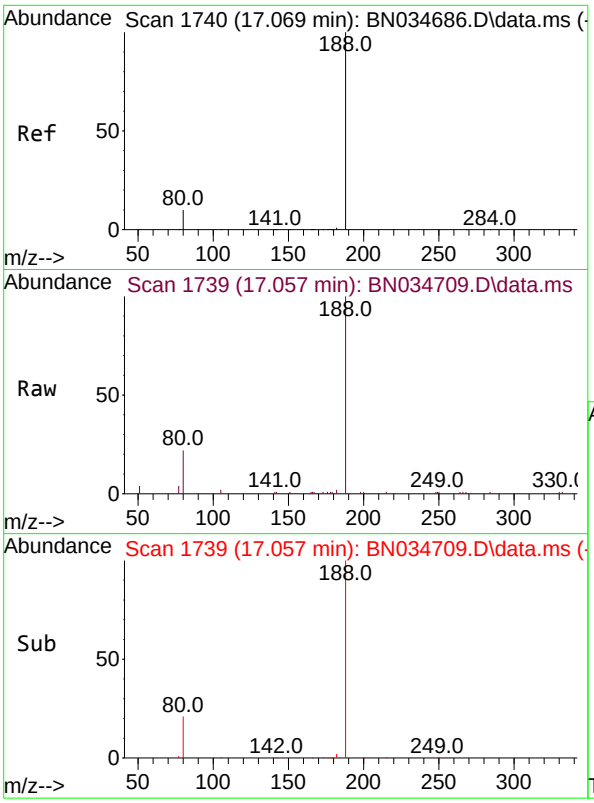


#18
Fluorene
Concen: 0.337 ng
RT: 15.377 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:166 Resp: 9662

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.8	118.2
167	13.1	10.6	16.0



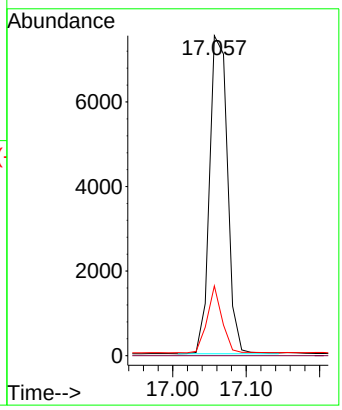


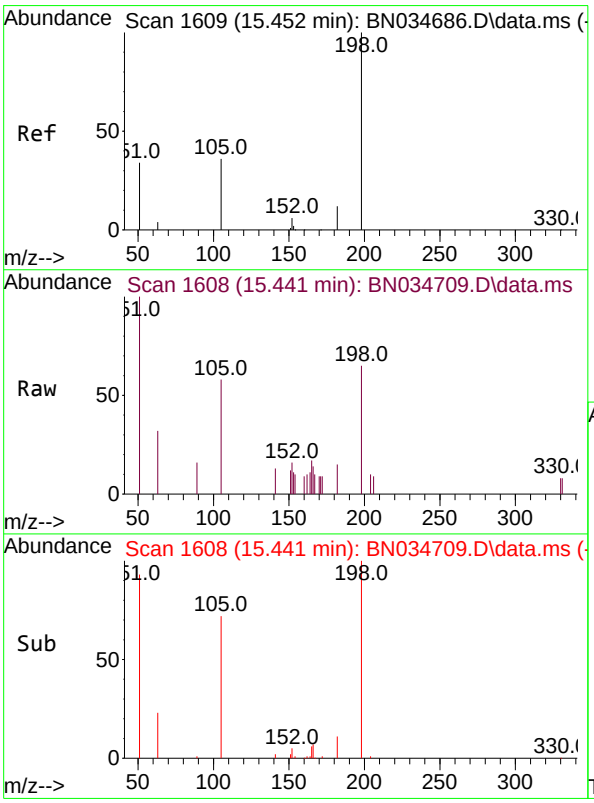
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:188 Resp: 12765

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	21.8	8.9	13.3#

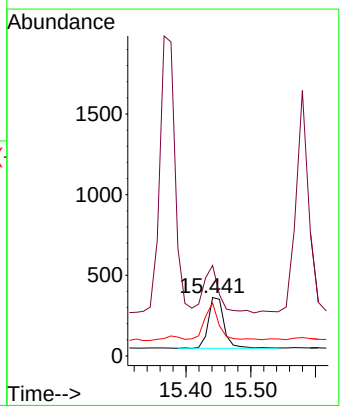


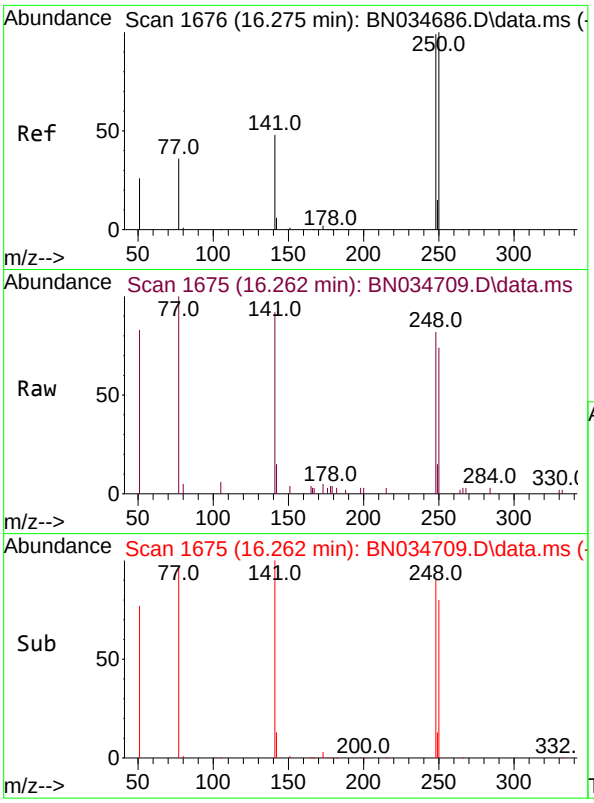


#20
4,6-Dinitro-2-methylphenol
Concen: 0.311 ng
RT: 15.441 min Scan# 1608
Delta R.T. -0.011 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:198 Resp: 552

Ion	Ratio	Lower	Upper
198	100		
51	155.0	91.8	137.8#
105	90.6	44.3	66.5#



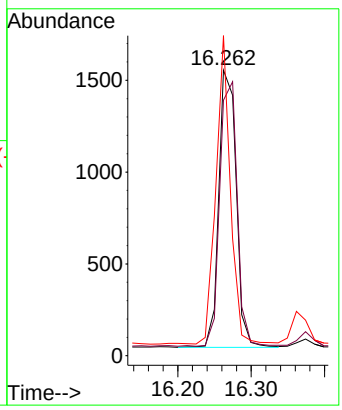


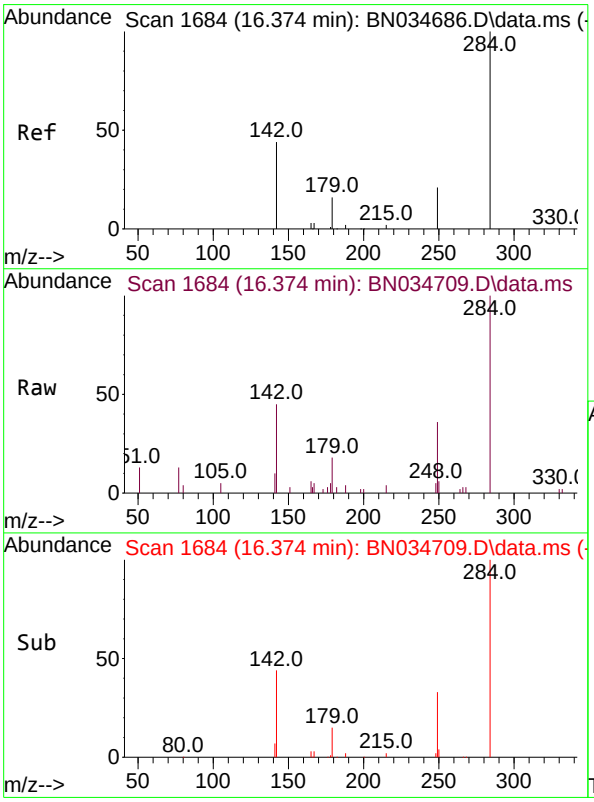
#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.262 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:248 Resp: 2478

Ion	Ratio	Lower	Upper
248	100		
250	89.5	80.9	121.3
141	112.1	40.5	60.7#

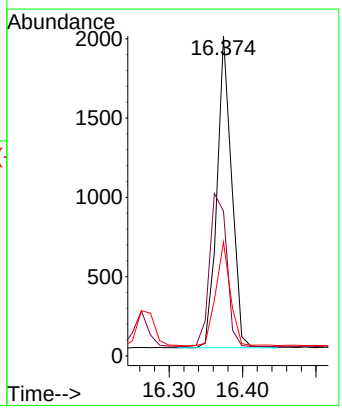


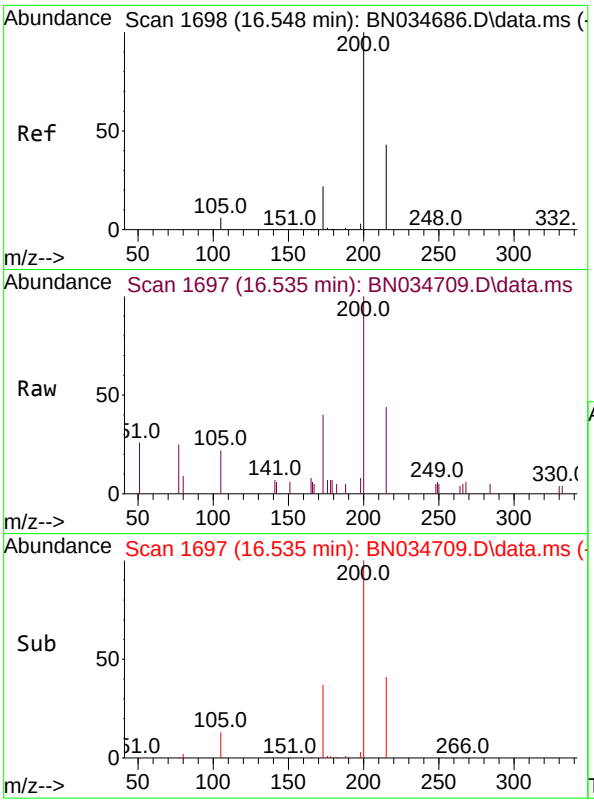


#22
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.374 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:284 Resp: 2726

Ion	Ratio	Lower	Upper
284	100		
142	57.6	43.6	65.4
249	33.5	26.6	40.0



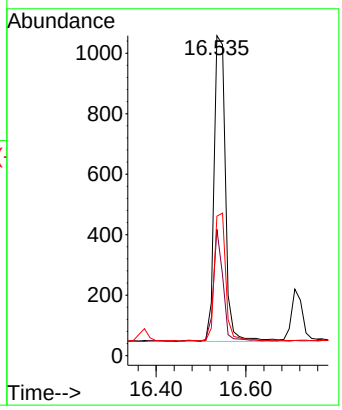


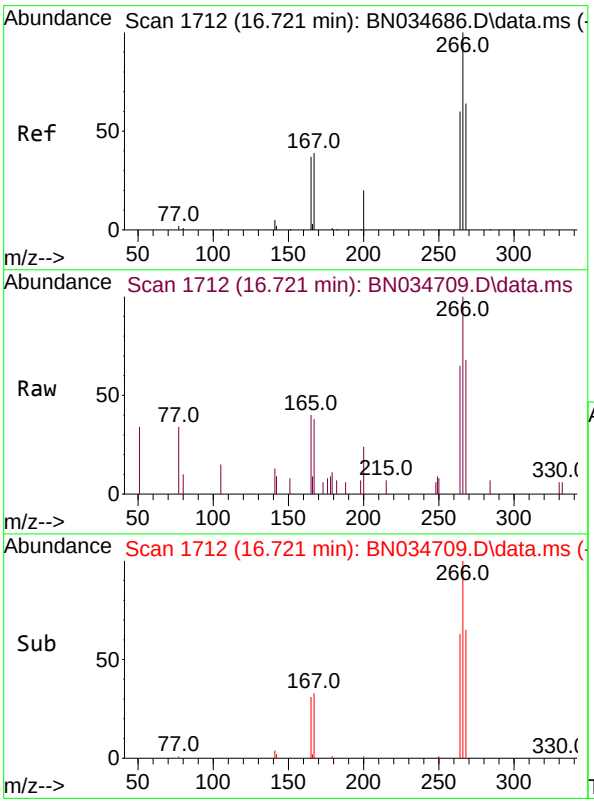
#23
Atrazine
Concen: 0.332 ng
RT: 16.535 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:200 Resp: 1776

Ion	Ratio	Lower	Upper
200	100		
173	39.5	19.7	29.5#
215	43.6	35.7	53.5

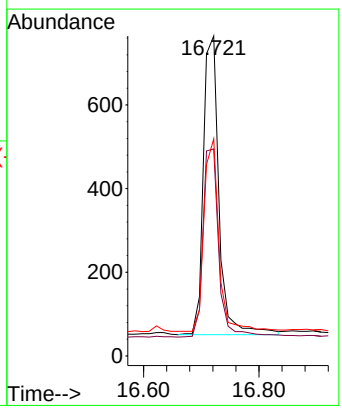


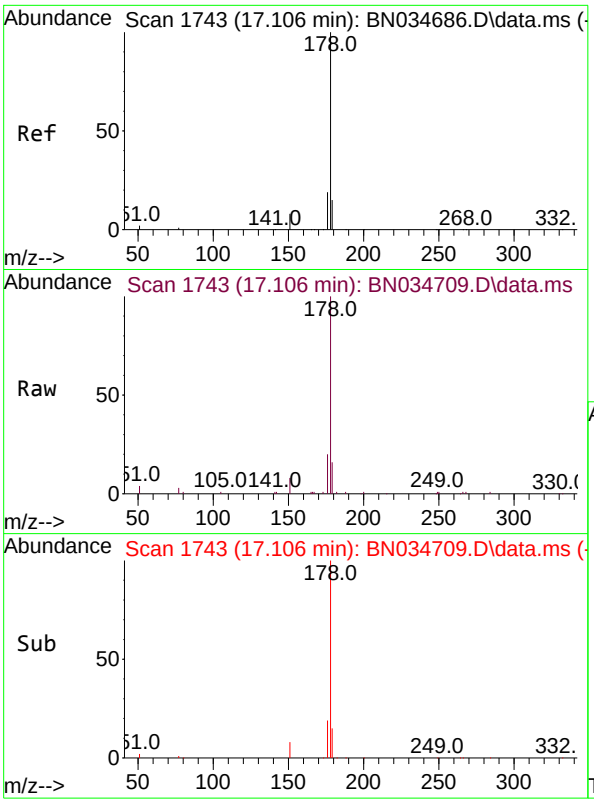


#24
Pentachlorophenol
Concen: 0.514 ng
RT: 16.721 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:266 Resp: 1341

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.4	74.2
268	61.3	50.5	75.7



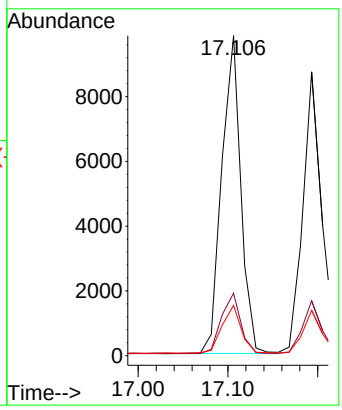


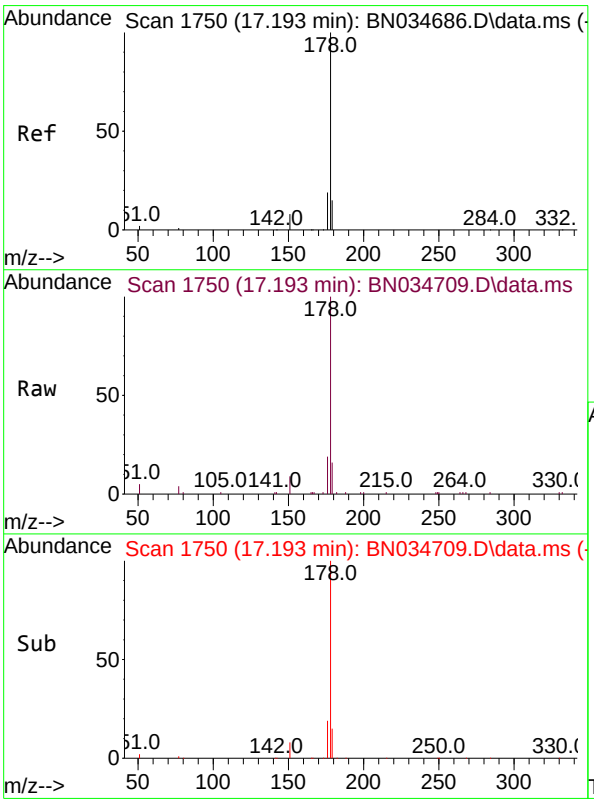
#25
Phenanthrene
Concen: 0.378 ng
RT: 17.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:178 Resp: 14487

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.2	12.2	18.4

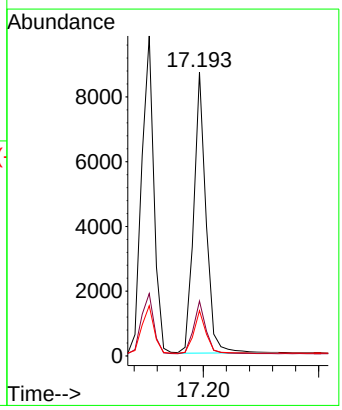


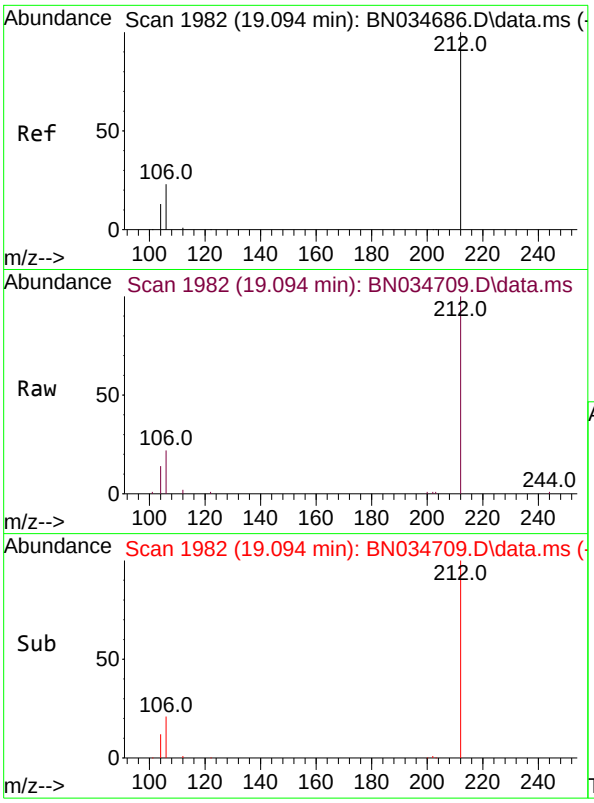


#26
Anthracene
Concen: 0.376 ng
RT: 17.193 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:178 Resp: 12794

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.1	12.2	18.2



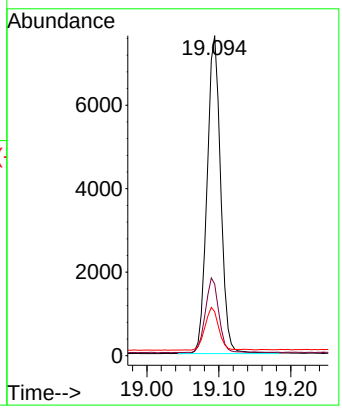


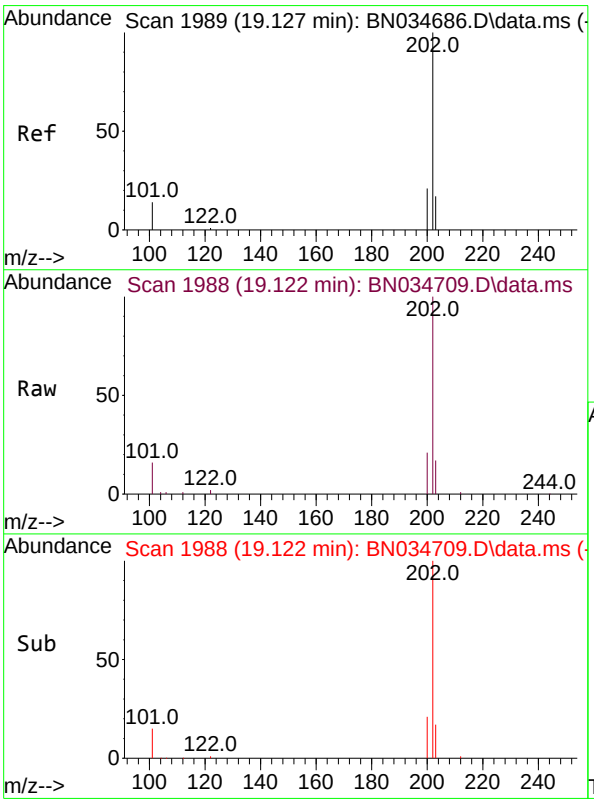
#27
Fluoranthene-d10
Concen: 0.346 ng
RT: 19.094 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:212 Resp: 9959

Ion	Ratio	Lower	Upper
212	100		
106	23.4	17.8	26.8
104	13.3	10.2	15.4

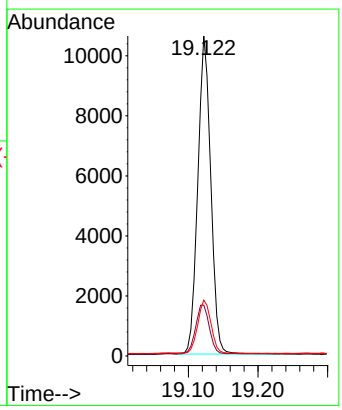


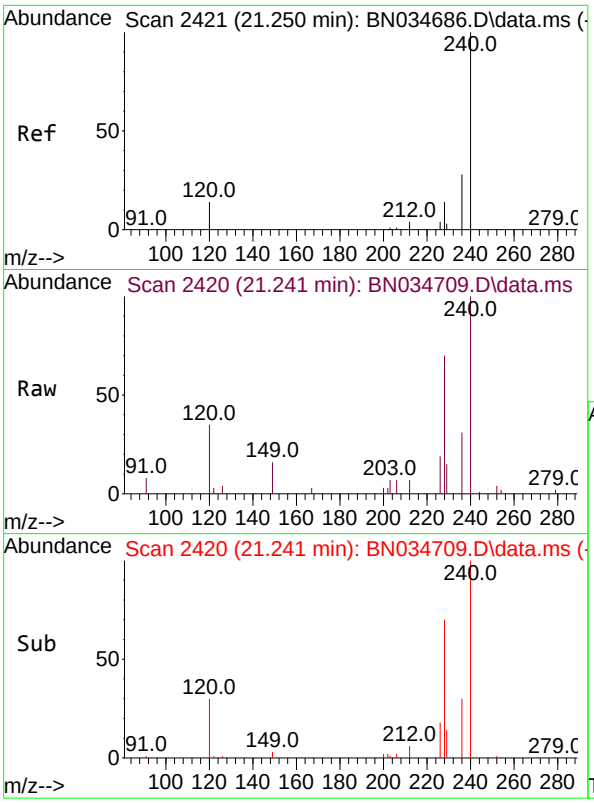


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.122 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:202 Resp: 13715

Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.8	19.2
203	17.0	13.5	20.3



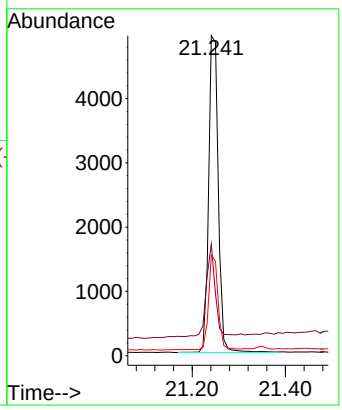


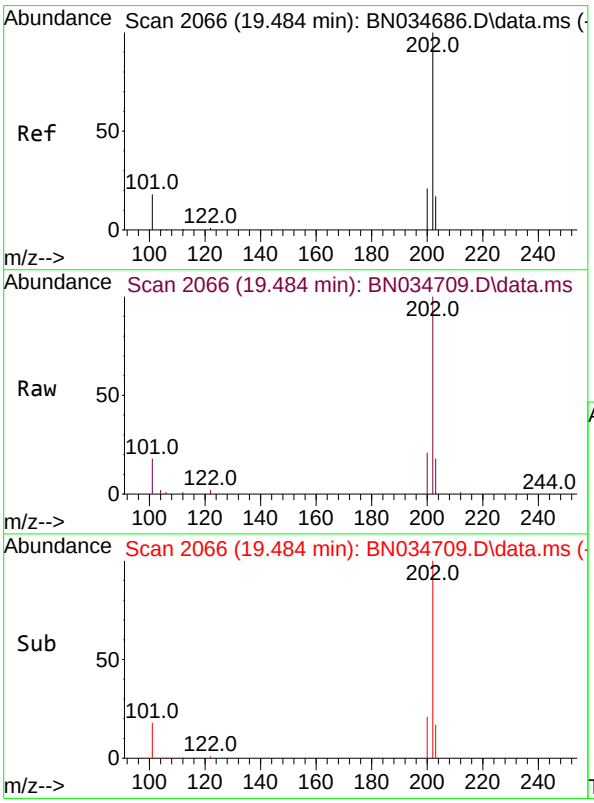
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.241 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:240 Resp: 7084

Ion	Ratio	Lower	Upper
240	100		
120	34.9	14.2	21.2#
236	31.4	23.1	34.7

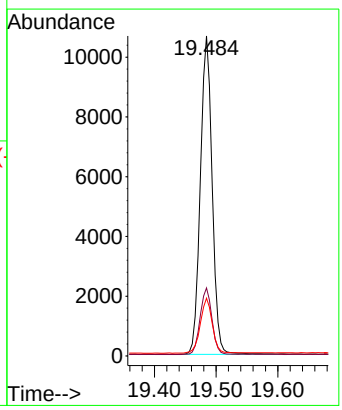


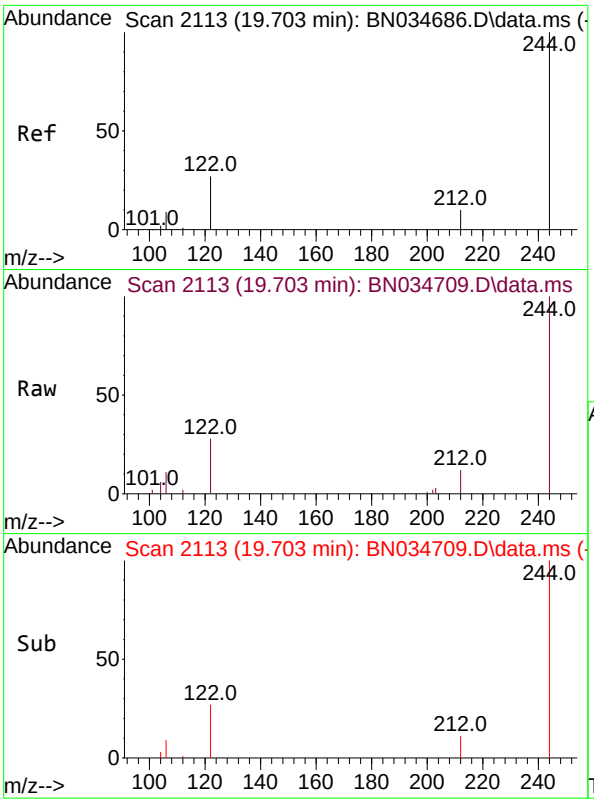


#30
Pyrene
Concen: 0.389 ng
RT: 19.484 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:202 Resp: 14147

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.4	14.2	21.4



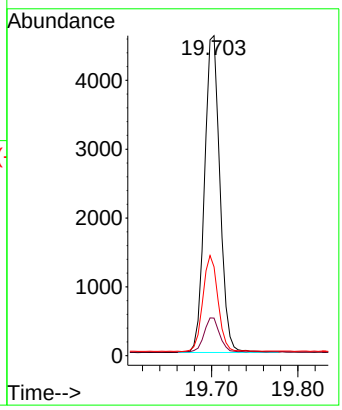


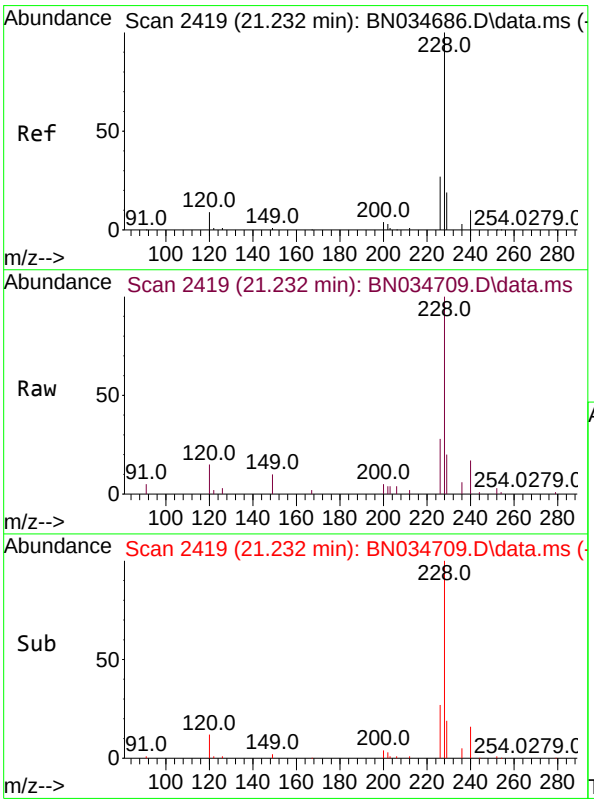
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:244 Resp: 5697

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.6	13.0
122	27.8	22.3	33.5

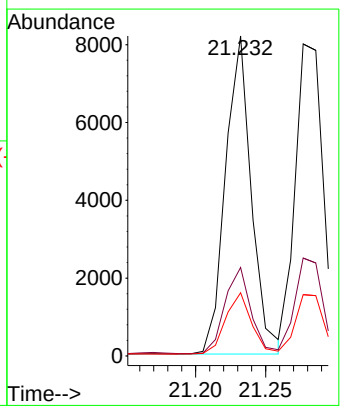


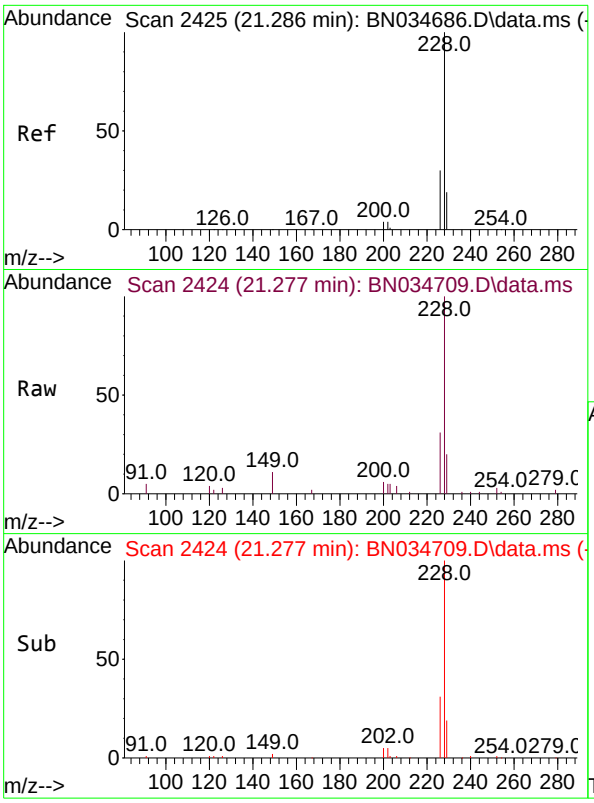


#32
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.232 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:228 Resp: 10521

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.7	15.6	23.4



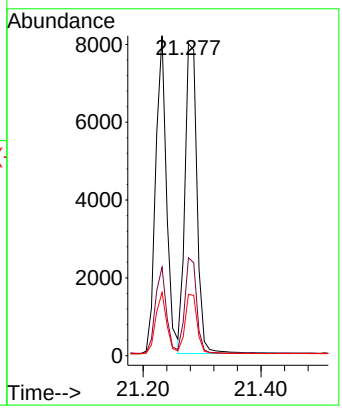


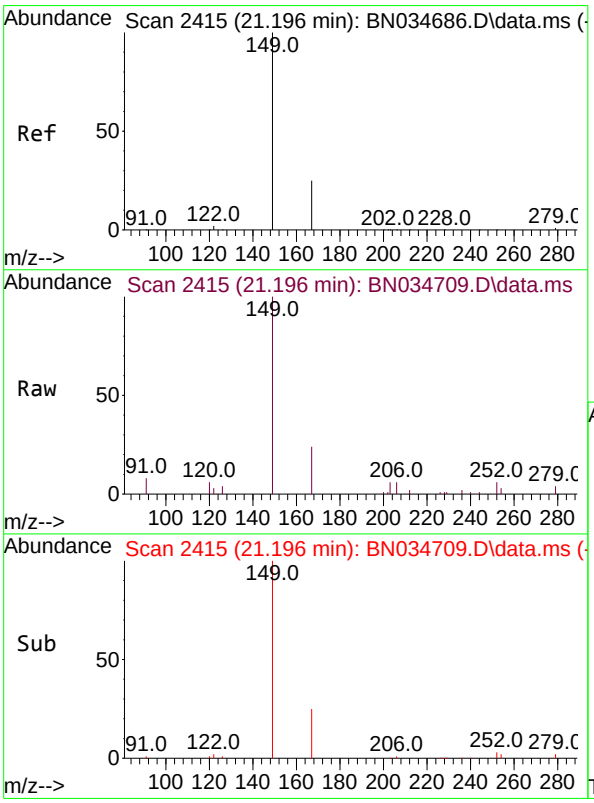
#33
Chrysene
Concen: 0.404 ng
RT: 21.277 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:228 Resp: 11324

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.1	36.1
229	19.6	15.8	23.8

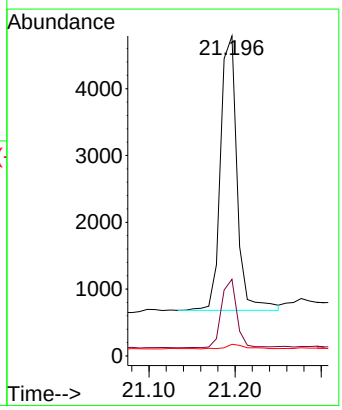


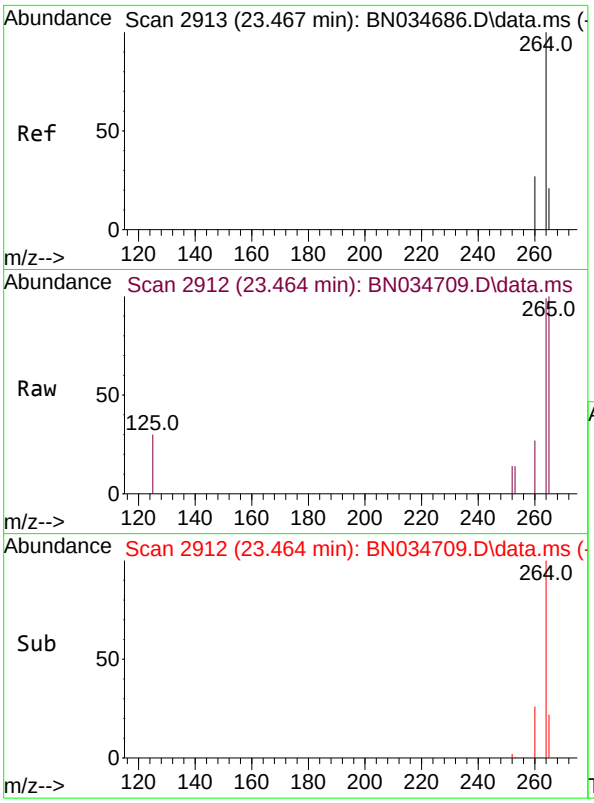


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.196 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:149 Resp: 5484

Ion	Ratio	Lower	Upper
149	100		
167	23.3	19.7	29.5
279	2.0	1.8	2.6



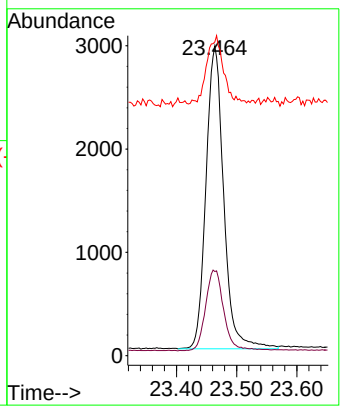


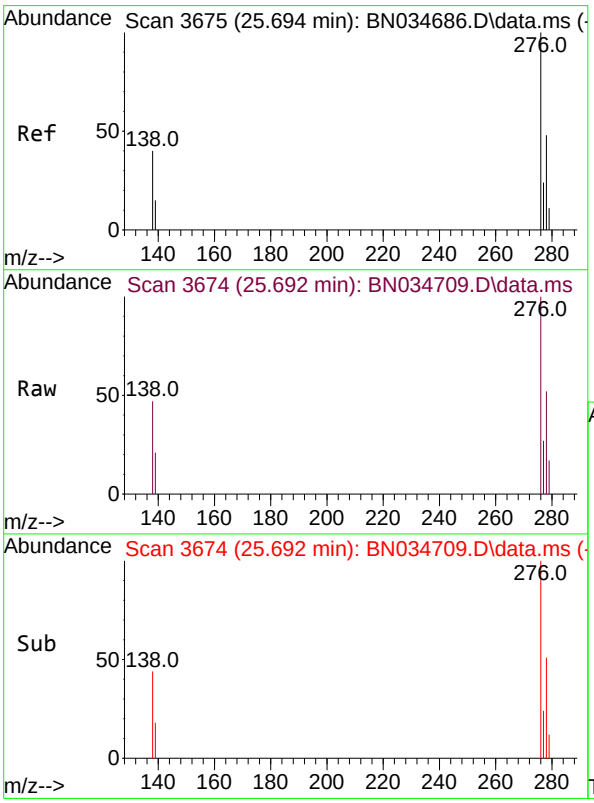
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.464 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:264 Resp: 5993

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.9	32.9
265	101.3	60.6	91.0#

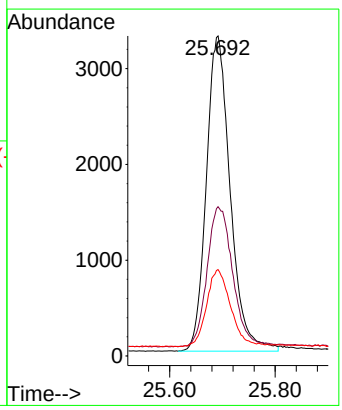


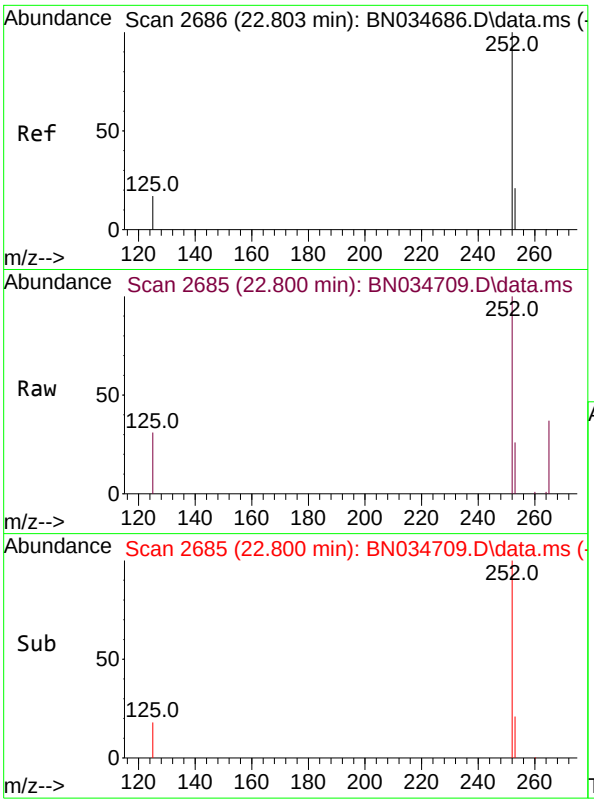


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng
RT: 25.692 min Scan# 3674
Delta R.T. -0.003 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:276 Resp: 10339

Ion	Ratio	Lower	Upper
276	100		
138	48.0	35.1	52.7
277	24.3	19.7	29.5



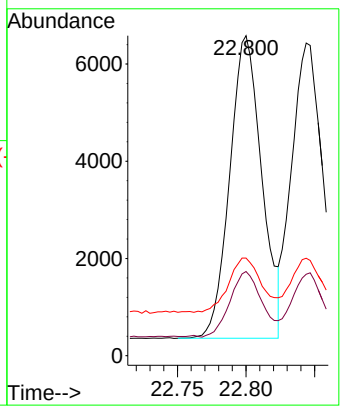


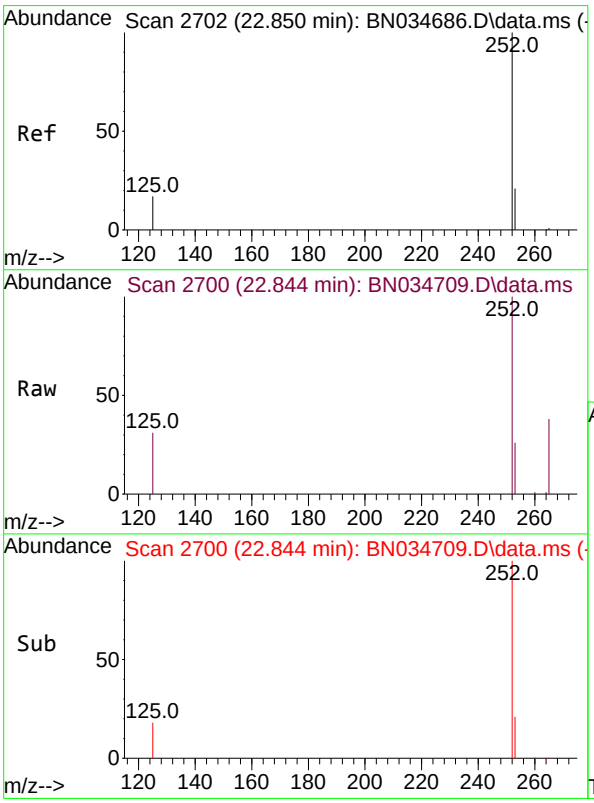
#37
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 22.800 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:252 Resp: 10114

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.0	30.0
125	30.5	20.9	31.3

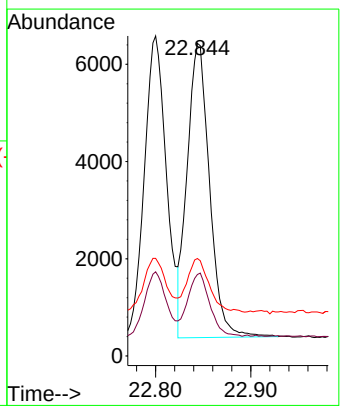


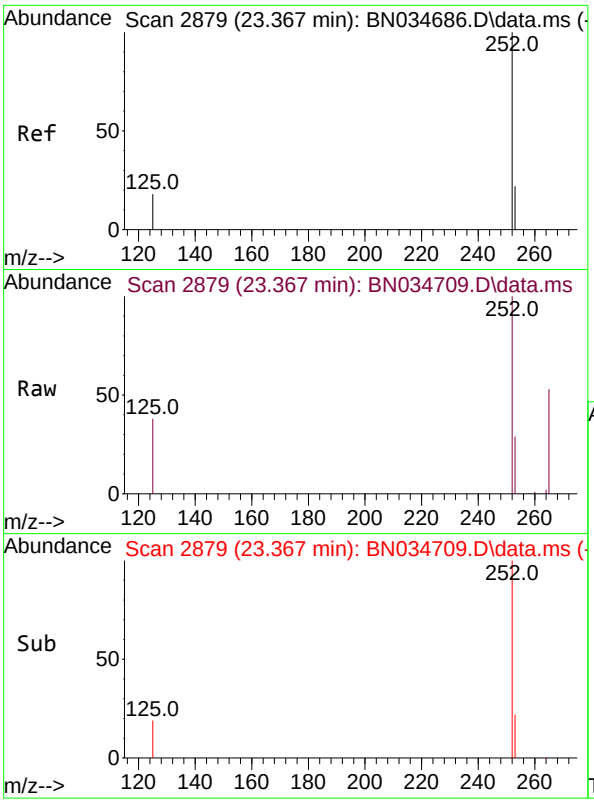


#38
Benzo(k)fluoranthene
Concen: 0.418 ng
RT: 22.844 min Scan# 2700
Delta R.T. -0.006 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:252 Resp: 9875

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.6	31.0
125	31.2	21.6	32.4



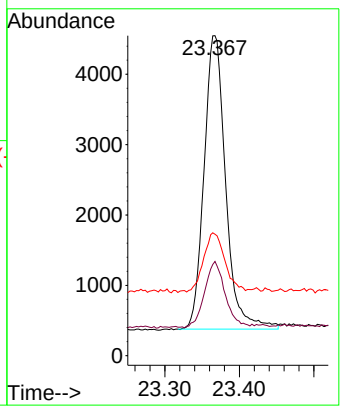


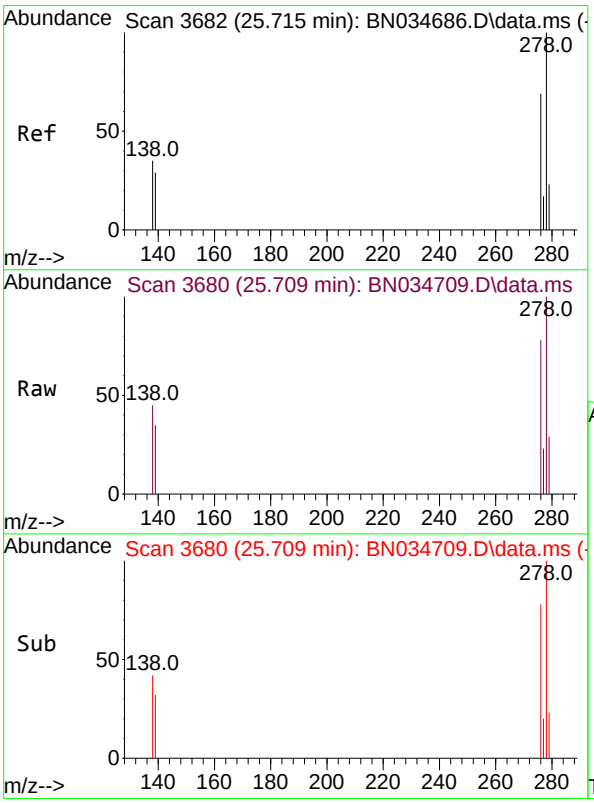
#39
Benzo(a)pyrene
Concen: 0.439 ng
RT: 23.367 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:252 Resp: 8431

Ion	Ratio	Lower	Upper
252	100		
253	29.5	22.2	33.4
125	38.0	26.0	39.0

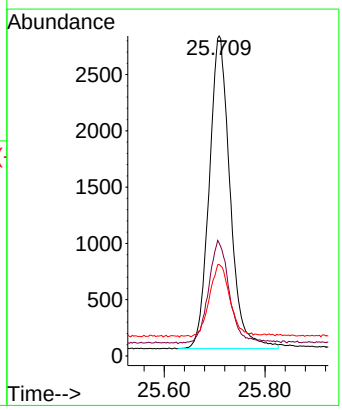


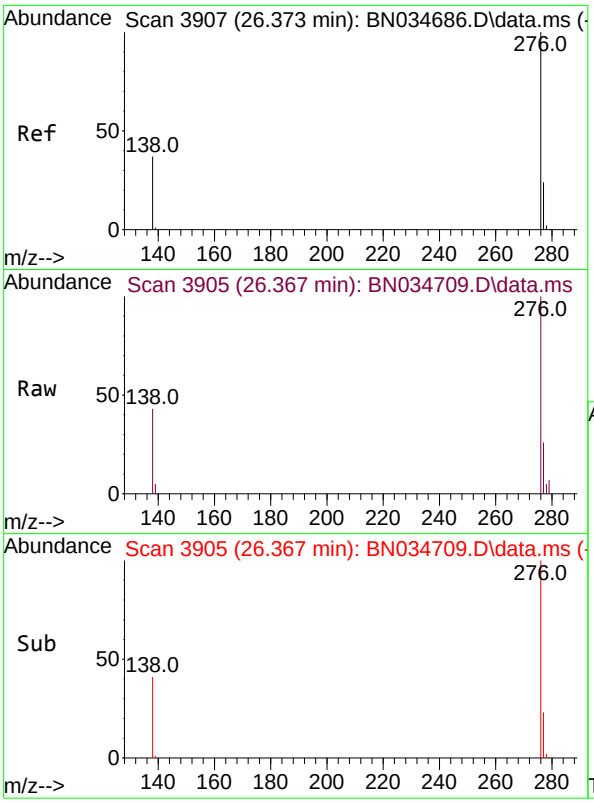


#40
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 25.709 min Scan# 3680
Delta R.T. -0.006 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Tgt Ion:278 Resp: 7958

Ion	Ratio	Lower	Upper
278	100		
139	35.3	25.4	38.2
279	28.6	22.4	33.6





#41
Benzo(g,h,i)perylene
Concen: 0.424 ng
RT: 26.367 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN034709.D
Acq: 25 Oct 2024 01:50

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Tgt Ion:276 Resp: 8503

Ion	Ratio	Lower	Upper
276	100		
277	26.5	21.3	31.9
138	43.3	31.9	47.9