Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033704.D
Acq On : 30 Aug 2024 13:19
Operator : MA/JU
Sample : PB163069BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 30 13:48:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4730	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	12128	0.400	ng	#-0.01
13) Acenaphthene-d10	14.157	164	5537	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	10543	0.400	ng	0.00
29) Chrysene-d12	21.122	240	7773	0.400	ng	# 0.00
35) Perylene-d12	23.285	264	8210	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	4785	0.336	ng	0.00
5) Phenol-d6	6.714	99	5441	0.324	ng	0.00
8) Nitrobenzene-d5	8.659	82	4035	0.400	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7792	0.456	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	766	0.288	ng	0.00
15) 2-Fluorobiphenyl	12.778	172	9505	0.407	ng	0.00
27) Fluoranthene-d10	18.956	212	10005	0.385	ng	0.00
31) Terphenyl-d14	19.570	244	6933	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1914	0.348	ng	# 42
3) n-Nitrosodimethylamine	3.457	42	2659	0.412	ng	# 97
6) bis(2-Chloroethyl)ether	6.960	93	5315	0.414	ng	98
9) Naphthalene	10.336	128	12856	0.396	ng	99
10) Hexachlorobutadiene	10.635	225	2665	0.396	ng	# 99
12) 2-Methylnaphthalene	11.956	142	8072	0.404	ng	99
16) Acenaphthylene	13.879	152	9797	0.409	ng	99
17) Acenaphthene	14.221	154	6768	0.406	ng	99
18) Fluorene	15.215	166	8096	0.392	ng	99
20) 4,6-Dinitro-2-methylph...	15.301	198	418	0.261	ng	96
21) 4-Bromophenyl-phenylether	16.123	248	2473	0.406	ng	93
22) Hexachlorobenzene	16.222	284	2898	0.416	ng	99
23) Atrazine	16.396	200	1903	0.392	ng	96
24) Pentachlorophenol	16.569	266	1545	0.491	ng	98
25) Phenanthrene	16.954	178	12055	0.411	ng	99
26) Anthracene	17.041	178	10590	0.417	ng	100
28) Fluoranthene	18.984	202	12723	0.385	ng	99
30) Pyrene	19.347	202	13119	0.417	ng	99
32) Benzo(a)anthracene	21.113	228	11786	0.430	ng	98
33) Chrysene	21.157	228	12063	0.430	ng	100
34) Bis(2-ethylhexyl)phtha...	21.068	149	10961	0.705	ng	# 69
36) Indeno(1,2,3-cd)pyrene	25.420	276	16185	0.459	ng	99
37) Benzo(b)fluoranthene	22.642	252	12962	0.430	ng	100
38) Benzo(k)fluoranthene	22.686	252	12501	0.422	ng	99
39) Benzo(a)pyrene	23.189	252	11323	0.449	ng	99
40) Dibenzo(a,h)anthracene	25.440	278	12744	0.454	ng	99
41) Benzo(g,h,i)perylene	26.075	276	13132	0.431	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033704.D
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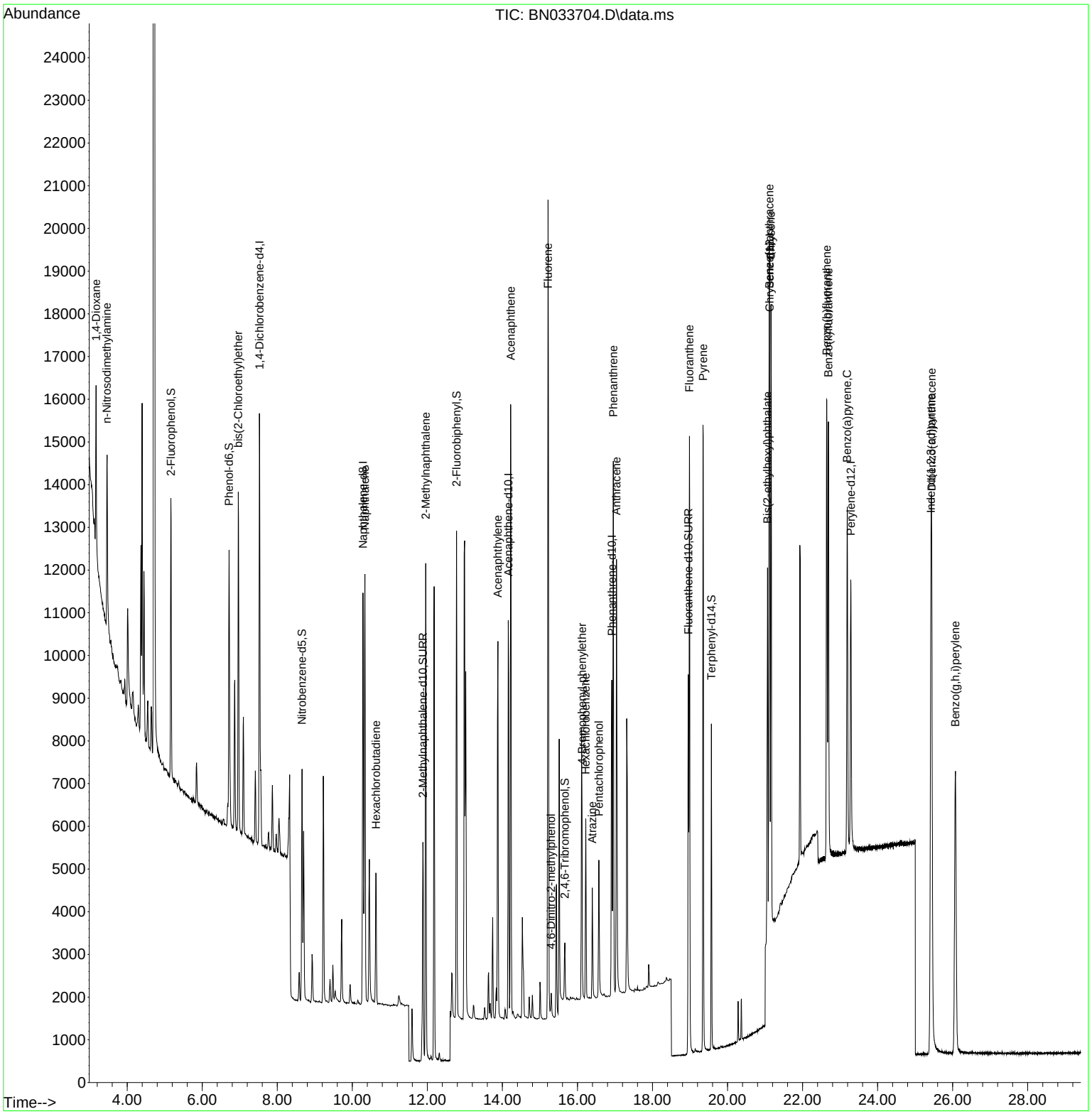
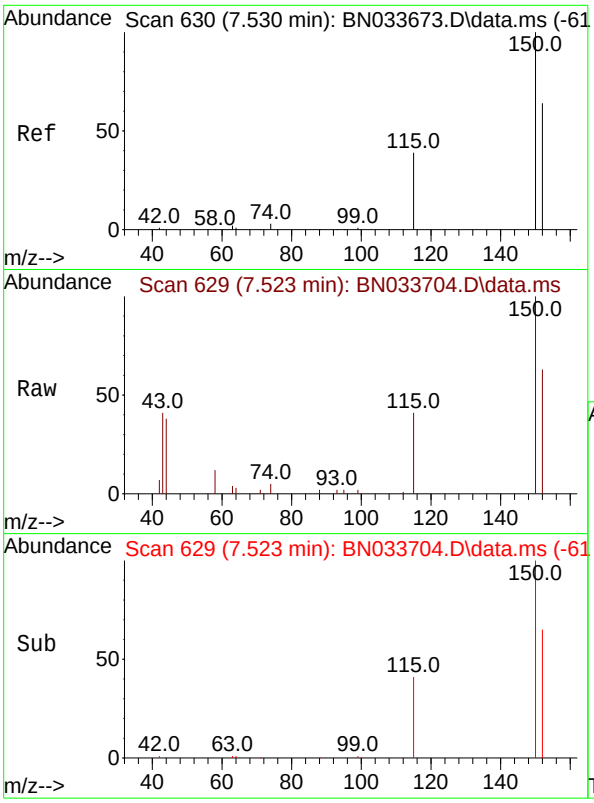
Operator : MA/JU
Sample : PB163069BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 30 13:48:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration



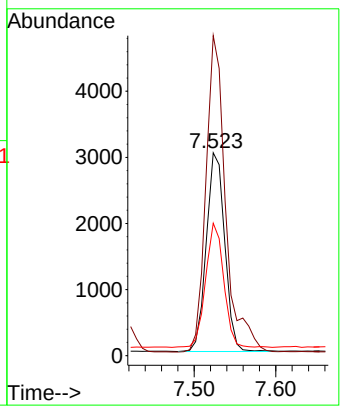


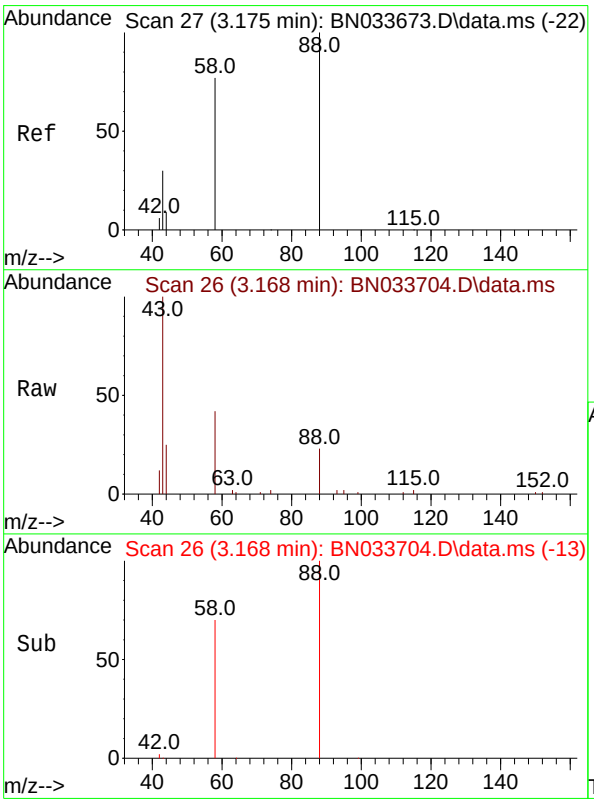
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.523 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4730

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.4	185.0
115	65.3	51.3	76.9

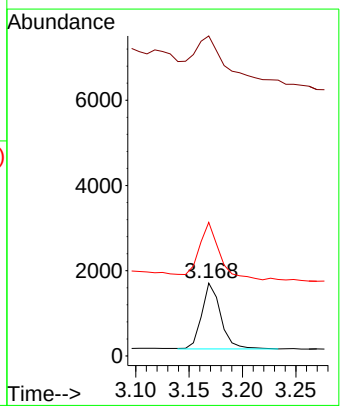


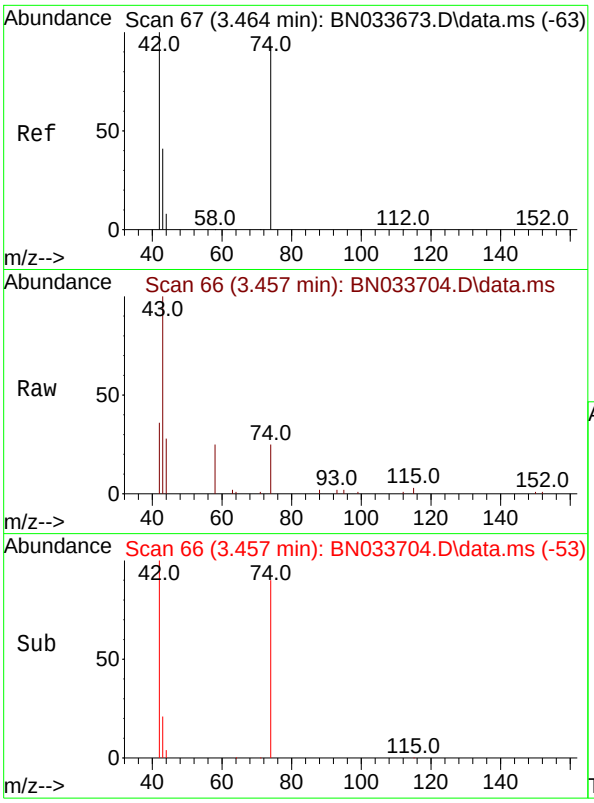


#2
1,4-Dioxane
Concen: 0.348 ng
RT: 3.168 min Scan# 26
Delta R.T. -0.007 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion: 88 Resp: 1914

Ion	Ratio	Lower	Upper
88	100		
43	120.5	26.8	40.2#
58	95.3	63.4	95.0#



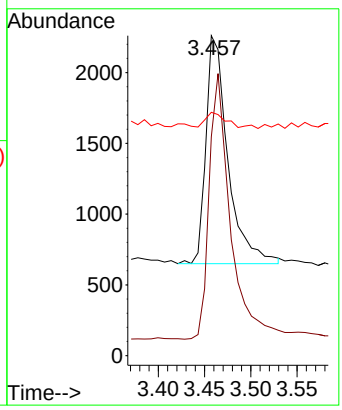


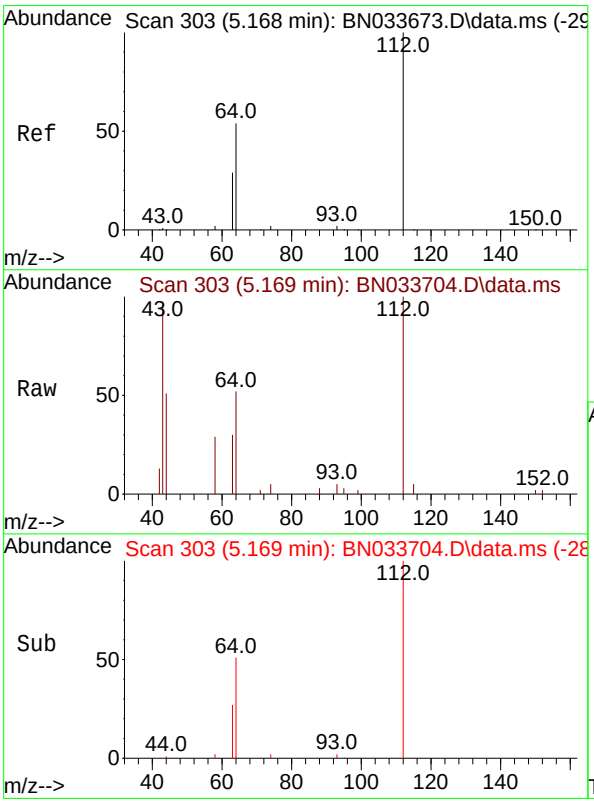
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.457 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2659

Ion	Ratio	Lower	Upper
42	100		
74	112.1	91.8	137.6
44	5.4	6.2	9.4#

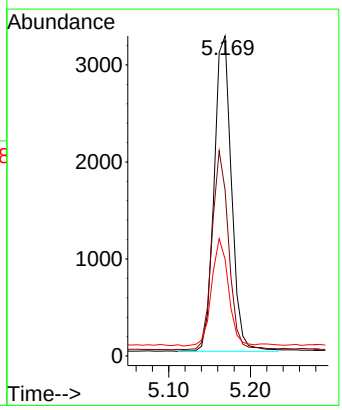


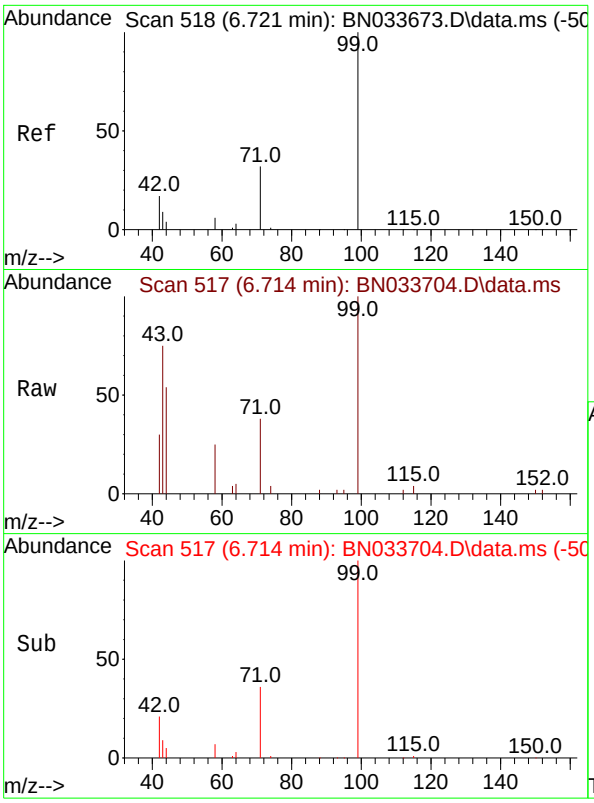


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:112 Resp: 4785

Ion	Ratio	Lower	Upper
112	100		
64	60.8	48.6	72.8
63	33.4	26.6	39.8



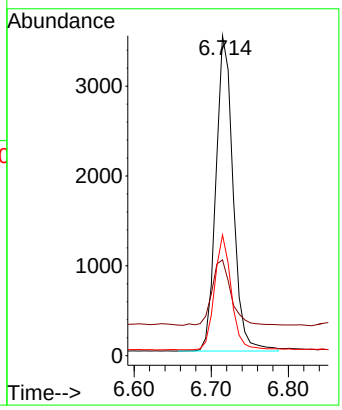


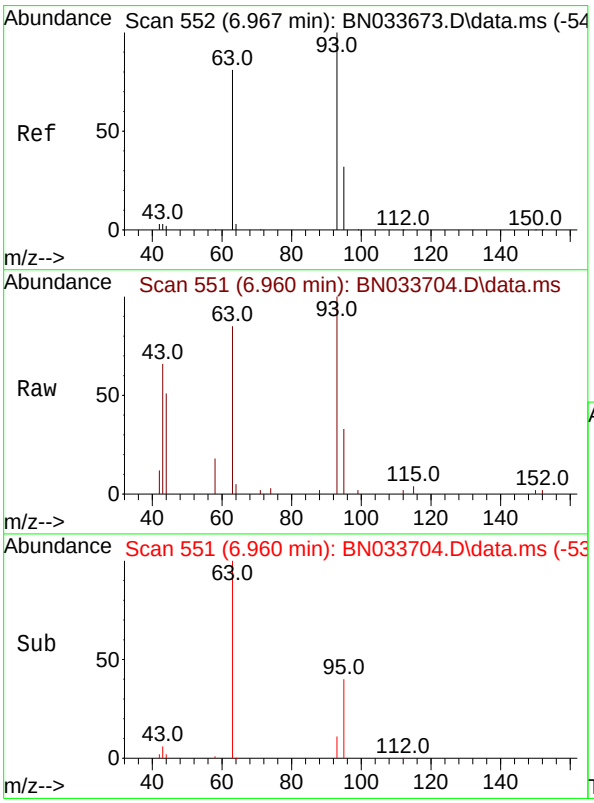
#5
Phenol-d6
Concen: 0.324 ng
RT: 6.714 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5441

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.8	26.8
71	35.5	28.0	42.0

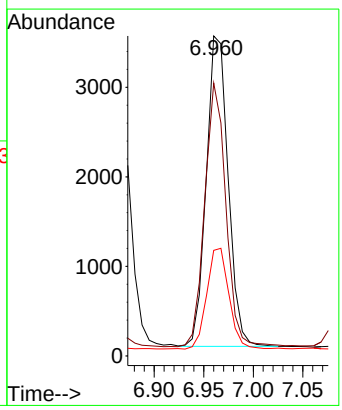


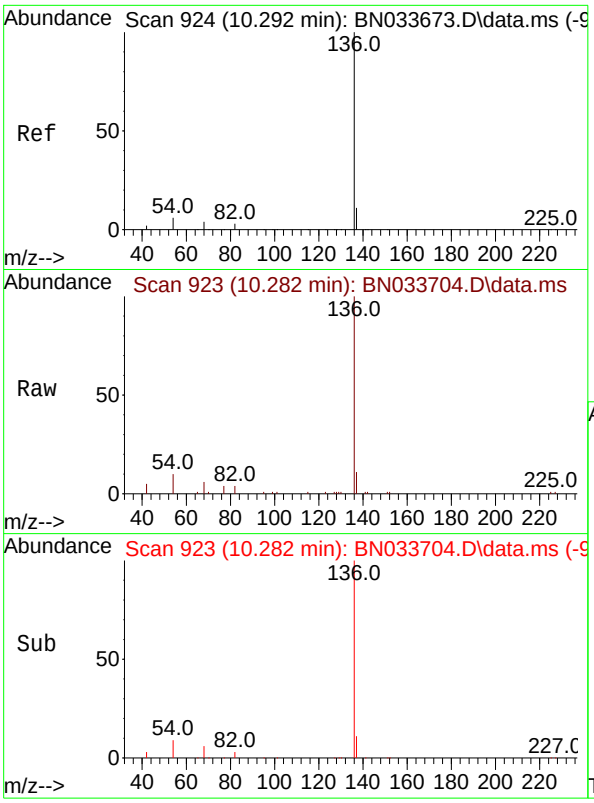


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 6.960 min Scan# 551
Delta R.T. -0.007 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion: 93 Resp: 5315

Ion	Ratio	Lower	Upper
93	100		
63	82.2	63.9	95.9
95	33.1	26.4	39.6



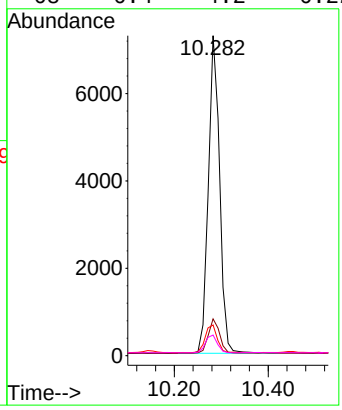


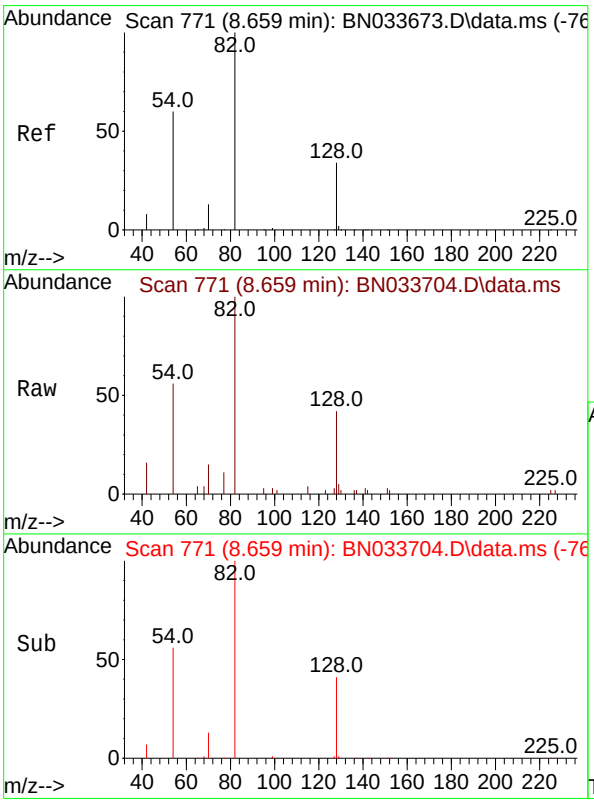
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12128

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.6	5.8	8.6#
68	6.4	4.2	6.2#

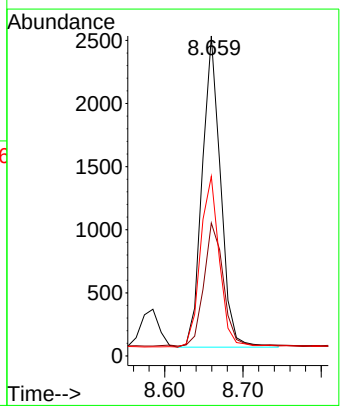


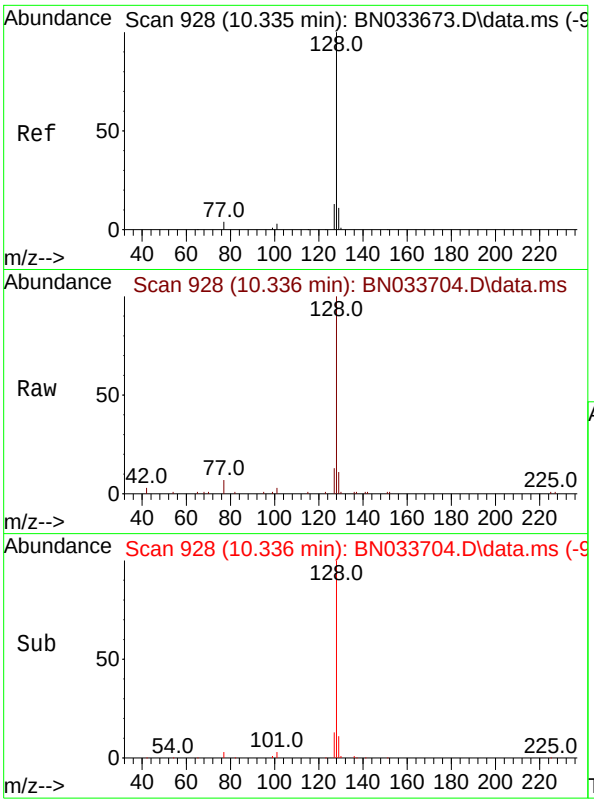


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion: 82 Resp: 4035

Ion	Ratio	Lower	Upper
82	100		
128	41.5	29.3	43.9
54	56.1	49.4	74.0



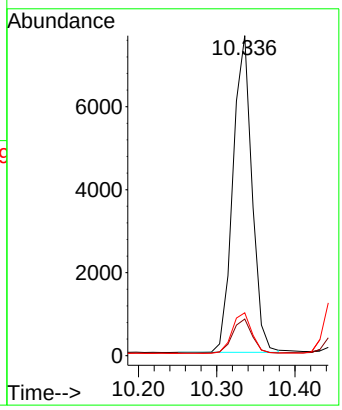


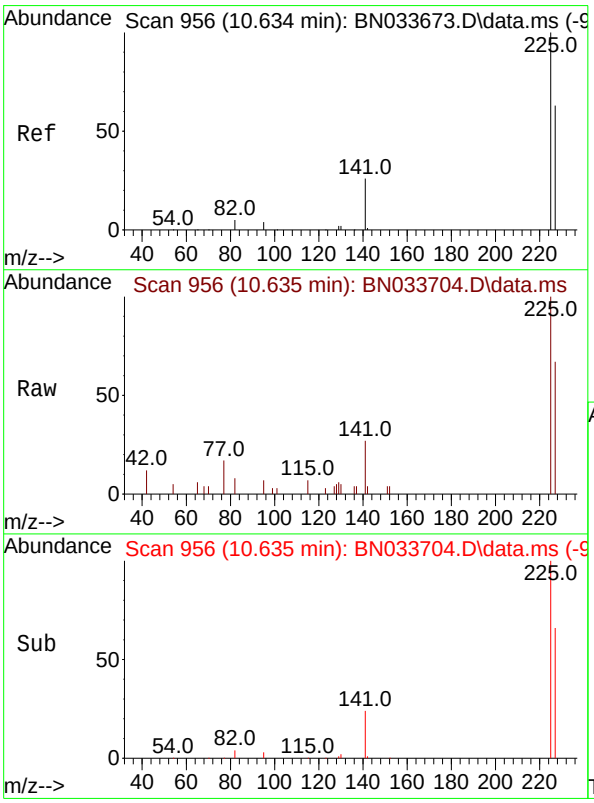
#9
Naphthalene
Concen: 0.396 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12856

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.4	11.0	16.4

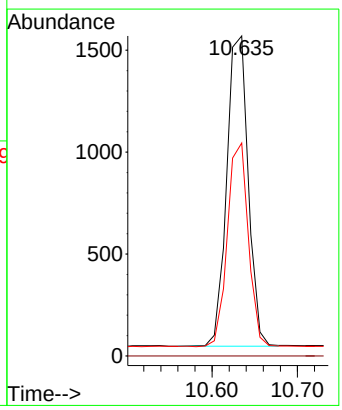


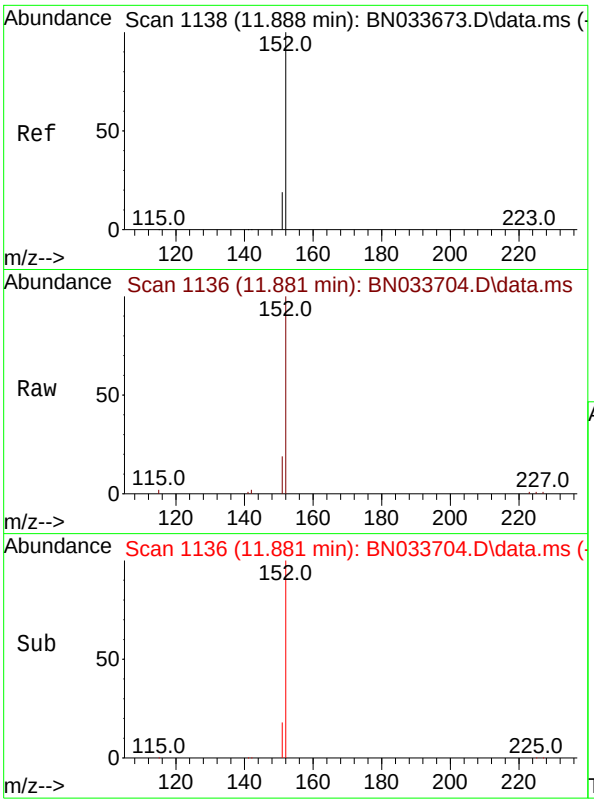


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.635 min Scan# 956
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:225 Resp: 2665

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.4	77.0



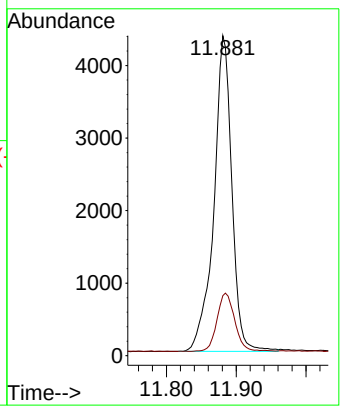


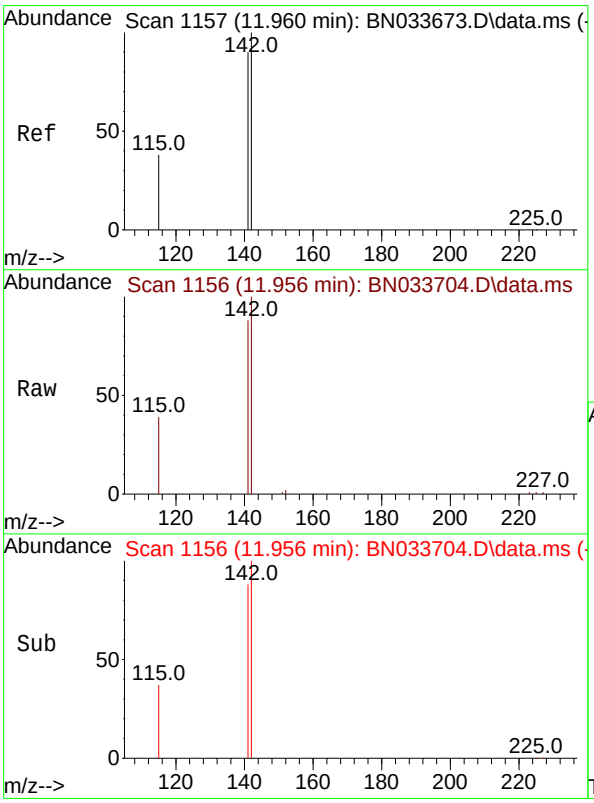
#11
2-Methylnaphthalene-d10
Concen: 0.456 ng
RT: 11.881 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7792

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.7	25.1

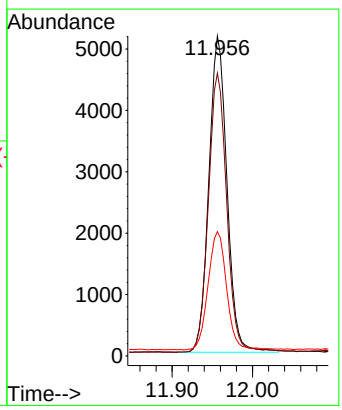


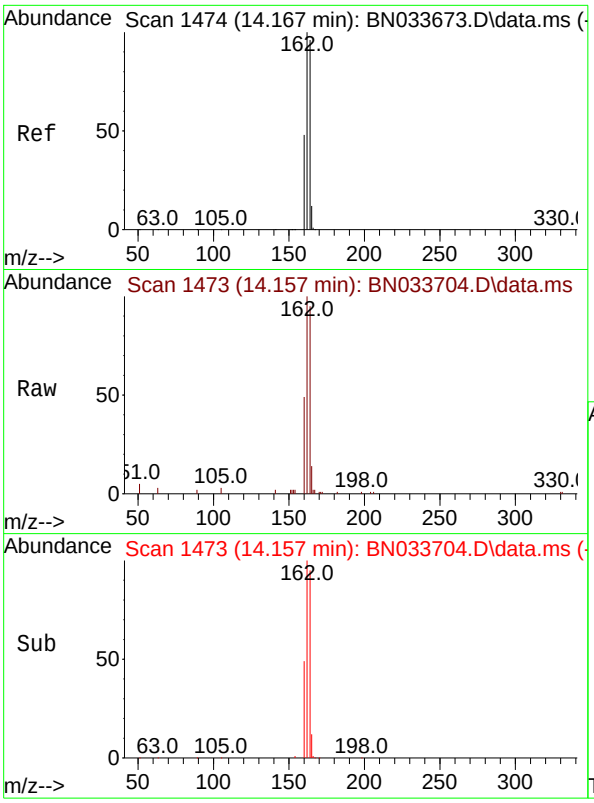


#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 11.956 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:142 Resp: 8072

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.8	107.8
115	38.9	31.4	47.0



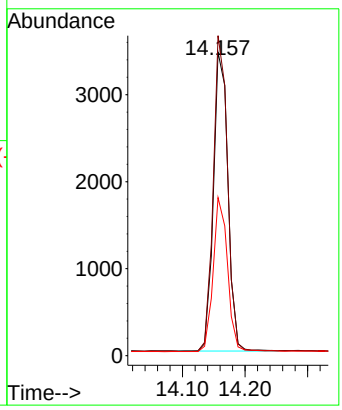


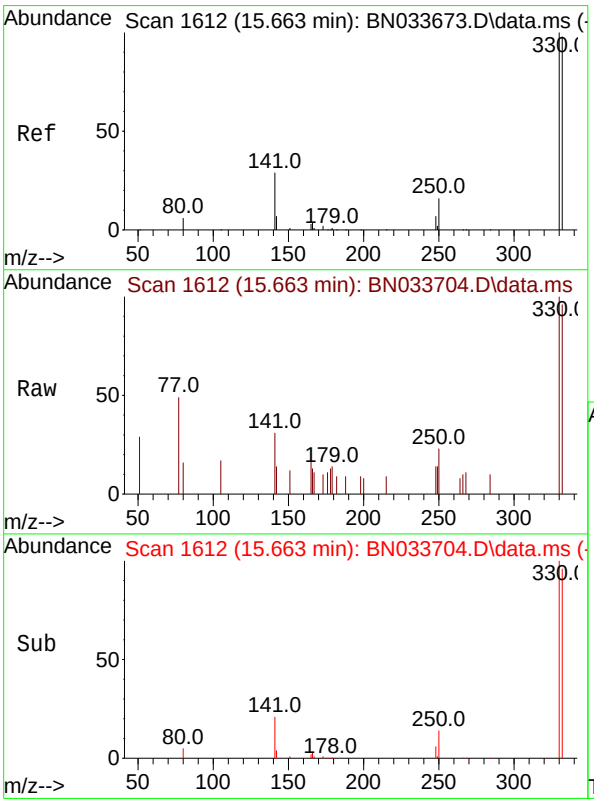
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.157 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5537

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.4	125.2
160	52.1	40.2	60.2

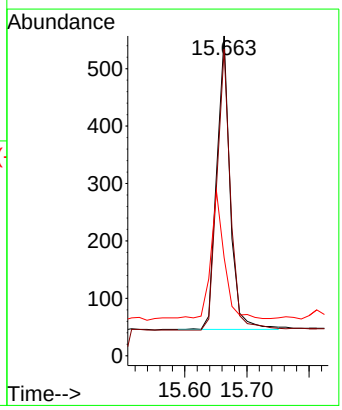


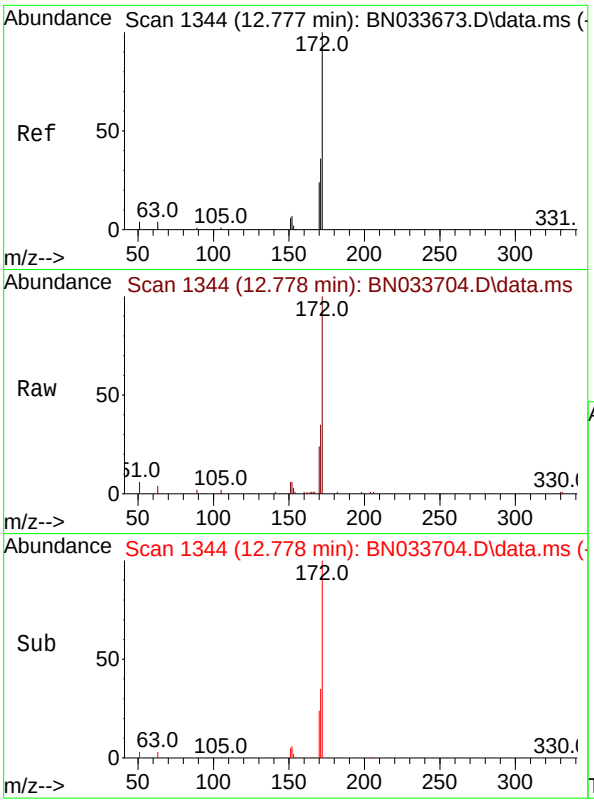


#14
2,4,6-Tribromophenol
Concen: 0.288 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:330 Resp: 766

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	42.8	35.0	52.6



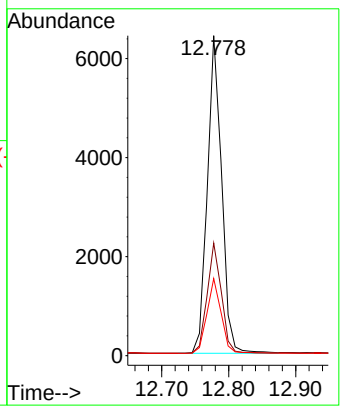


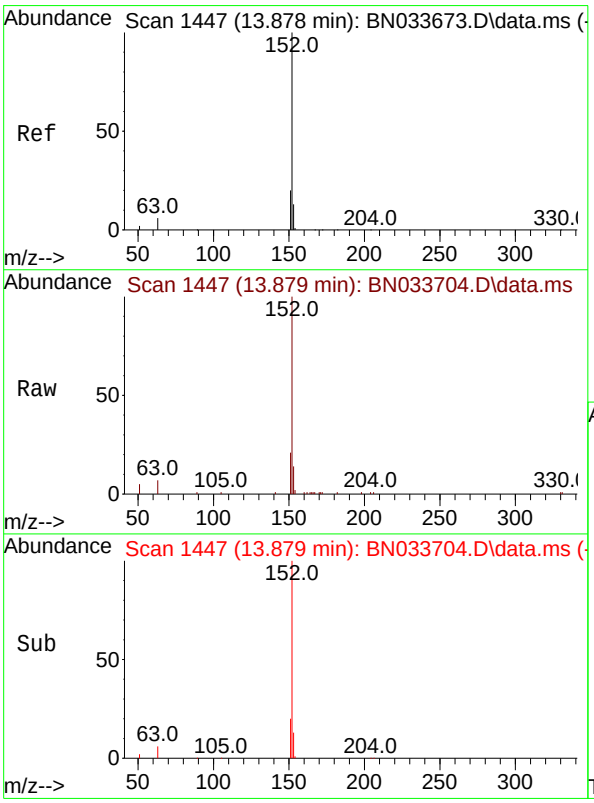
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.778 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 9505

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	24.1	19.7	29.5

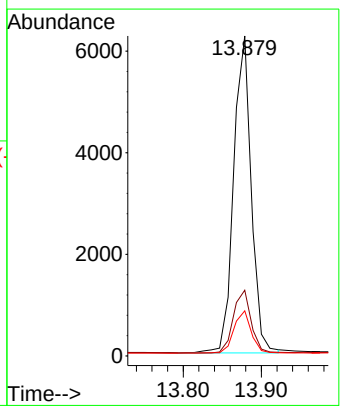


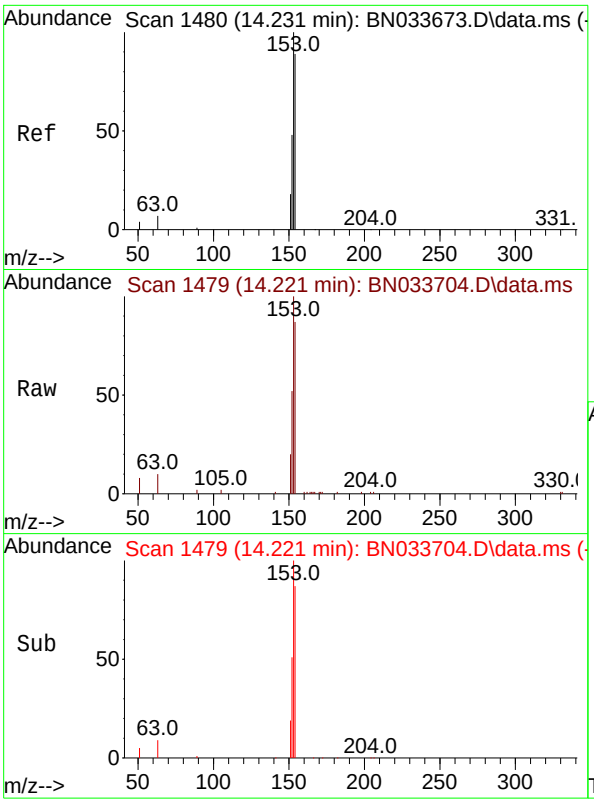


#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.879 min Scan# 1447
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:152 Resp: 9797

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.1	10.3	15.5



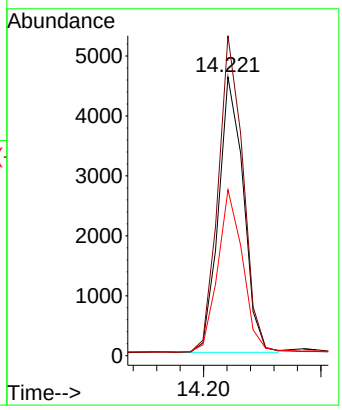


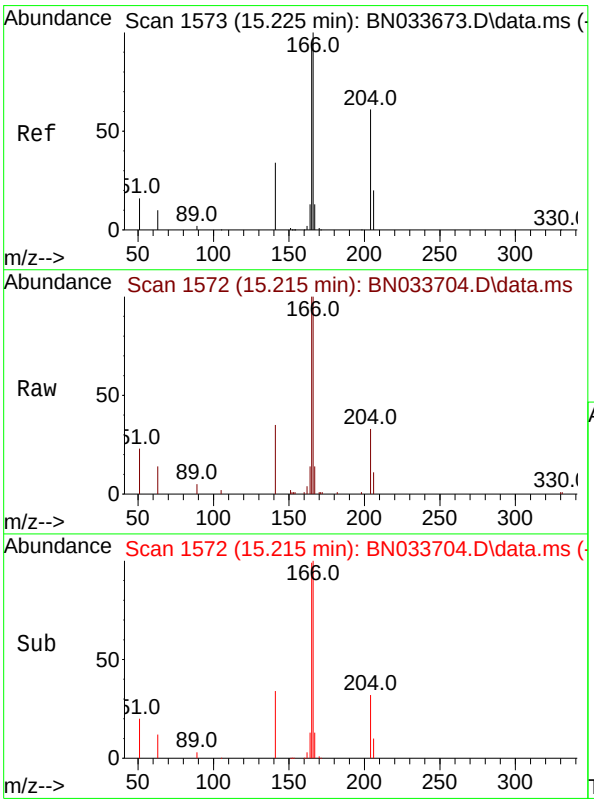
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.221 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 6768

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.8	137.8
152	58.7	45.4	68.2

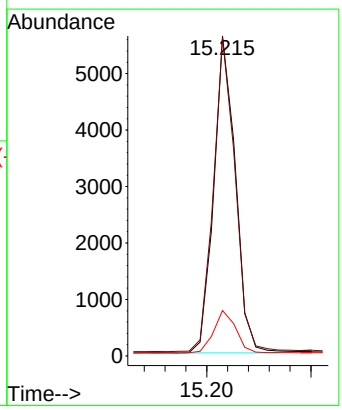


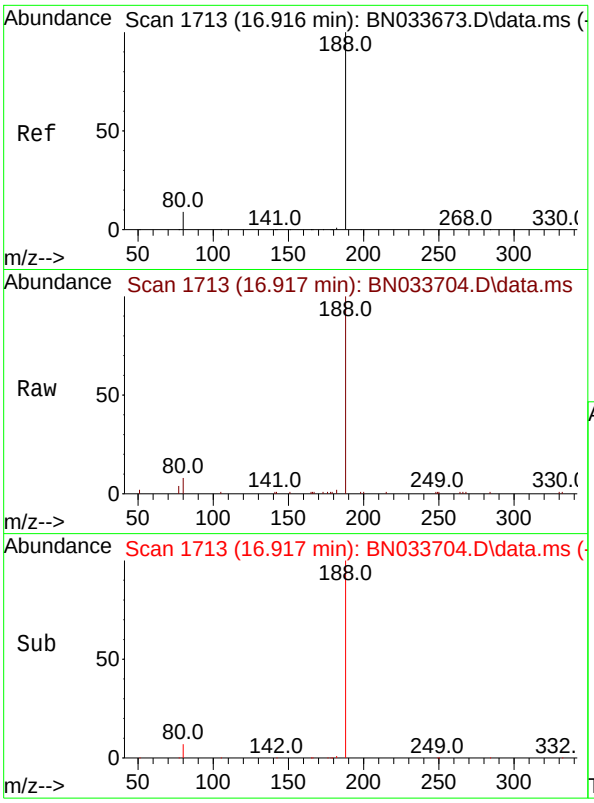


#18
Fluorene
Concen: 0.392 ng
RT: 15.215 min Scan# 1572
Delta R.T. -0.010 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:166 Resp: 8096

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	118.0
167	13.8	10.7	16.1



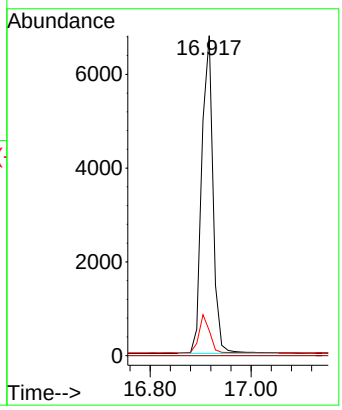


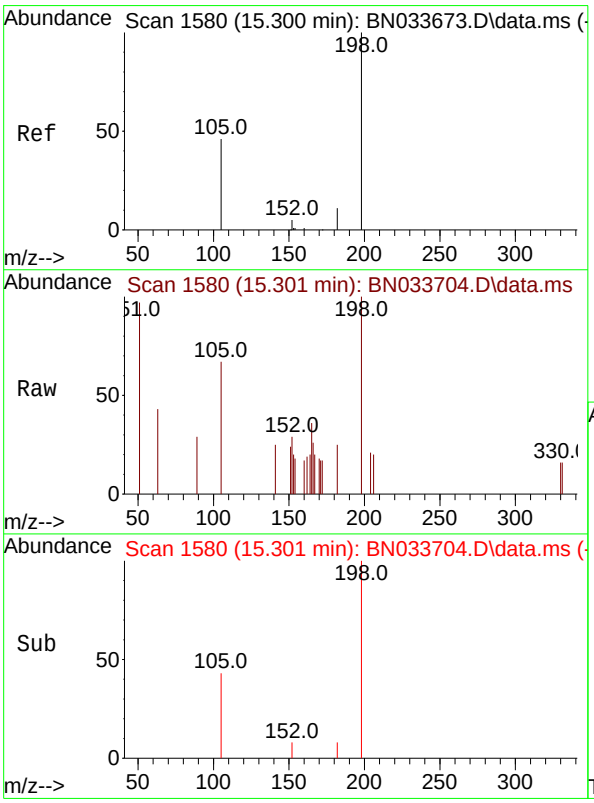
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10543

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.4	11.0

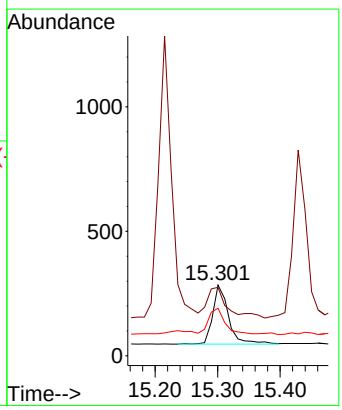


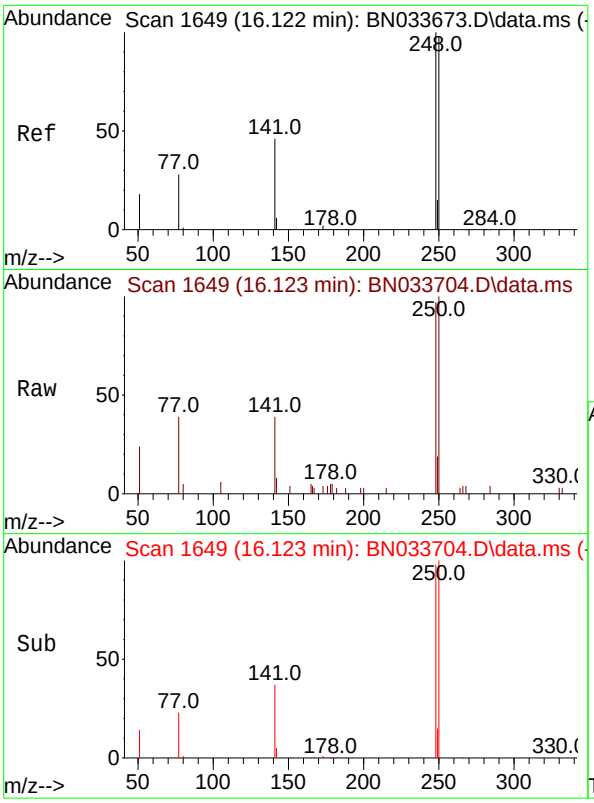


#20
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 15.301 min Scan# 1580
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:198 Resp: 418

Ion	Ratio	Lower	Upper
198	100		
51	96.8	82.9	124.3
105	67.3	53.4	80.0



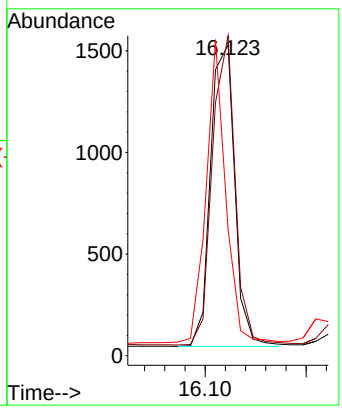


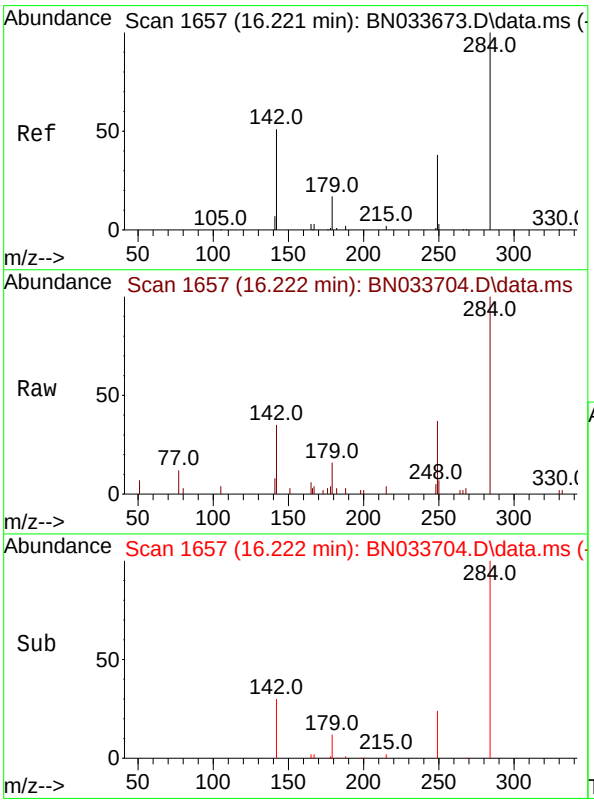
#21
4-Bromophenyl-phenylether
Concen: 0.406 ng
RT: 16.123 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2473

Ion	Ratio	Lower	Upper
248	100		
250	102.9	79.0	118.4
141	40.5	38.5	57.7

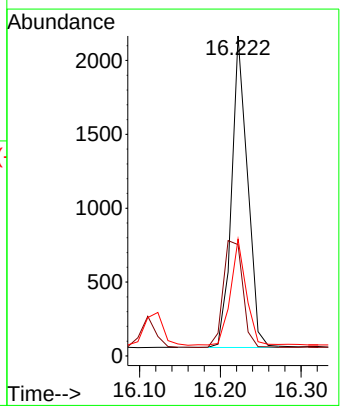


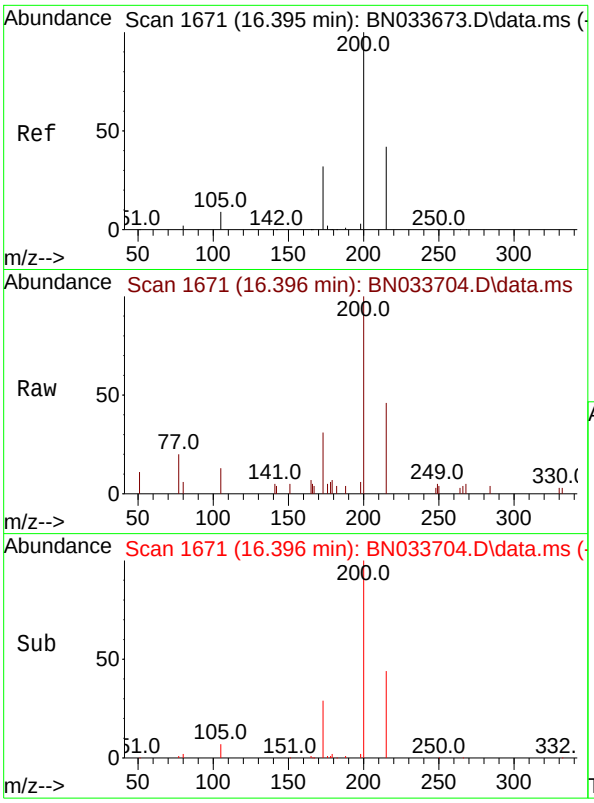


#22
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.222 min Scan# 1657
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:284 Resp: 2898

Ion	Ratio	Lower	Upper
284	100		
142	42.1	34.0	51.0
249	33.4	26.2	39.2



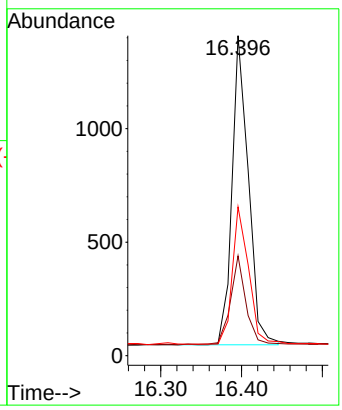


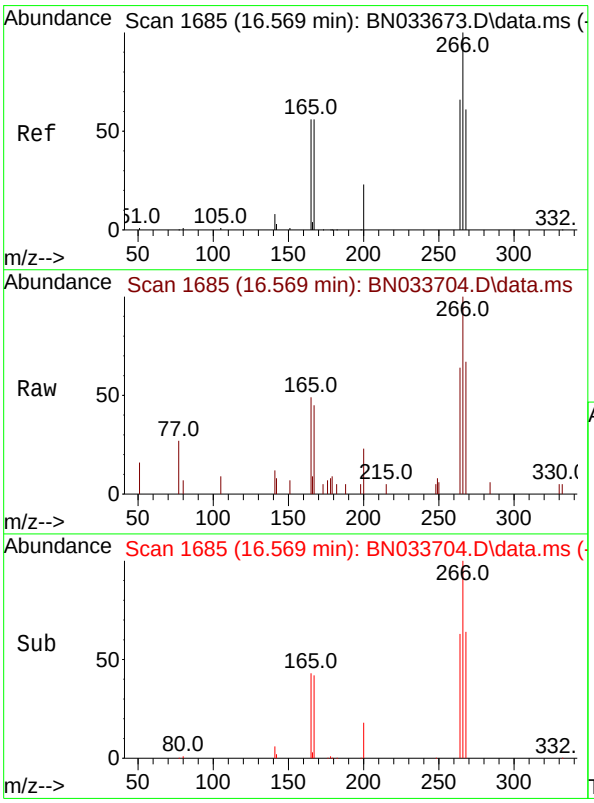
#23
Atrazine
Concen: 0.392 ng
RT: 16.396 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1903

Ion	Ratio	Lower	Upper
200	100		
173	31.2	27.0	40.4
215	46.5	35.5	53.3

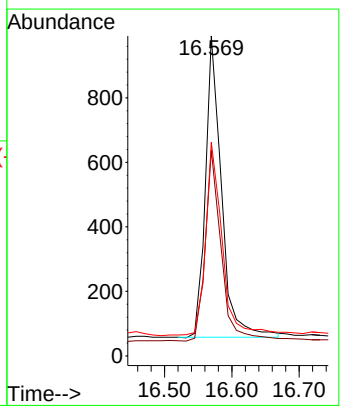


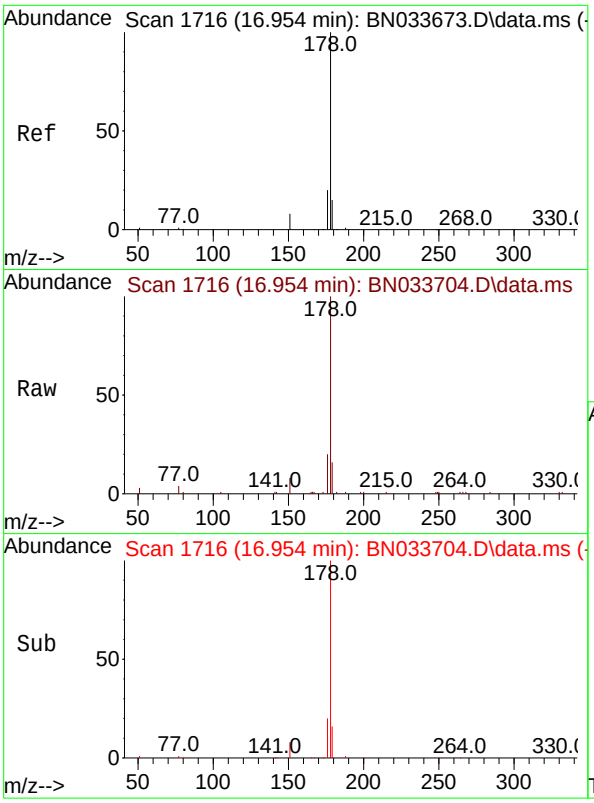


#24
Pentachlorophenol
Concen: 0.491 ng
RT: 16.569 min Scan# 1685
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:266 Resp: 1545

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.4	77.2
268	66.2	51.9	77.9



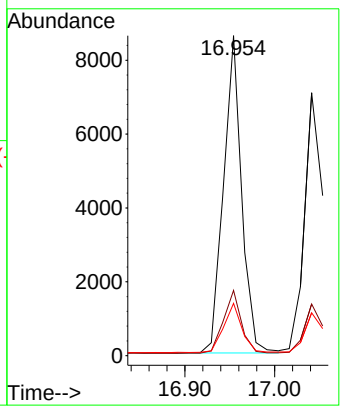


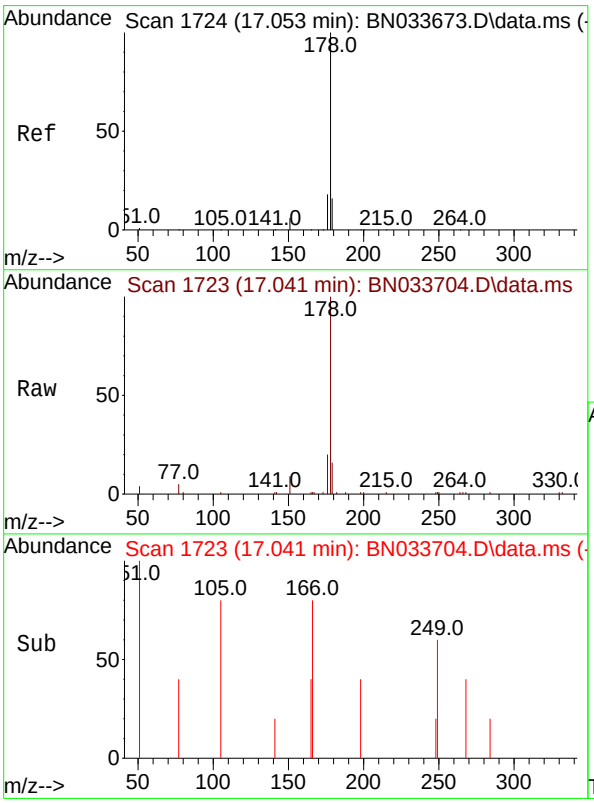
#25
Phenanthrene
Concen: 0.411 ng
RT: 16.954 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12055

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.6	12.2	18.2

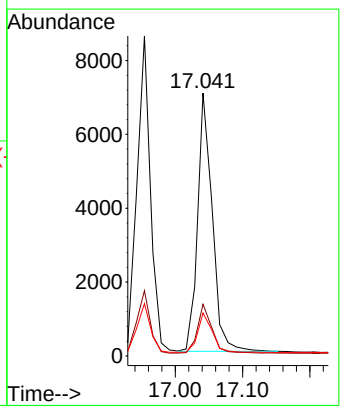


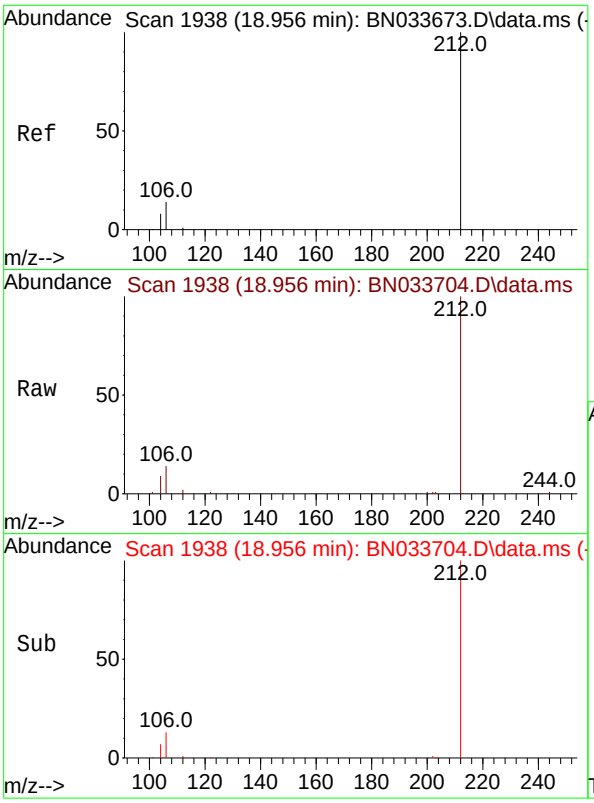


#26
Anthracene
Concen: 0.417 ng
RT: 17.041 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:178 Resp: 10590

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.4	12.2	18.4



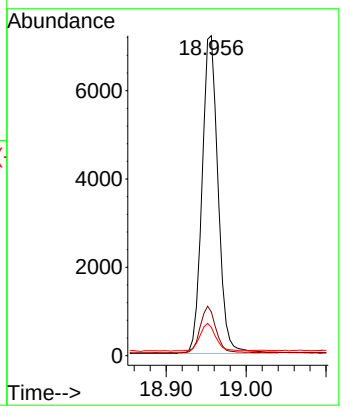


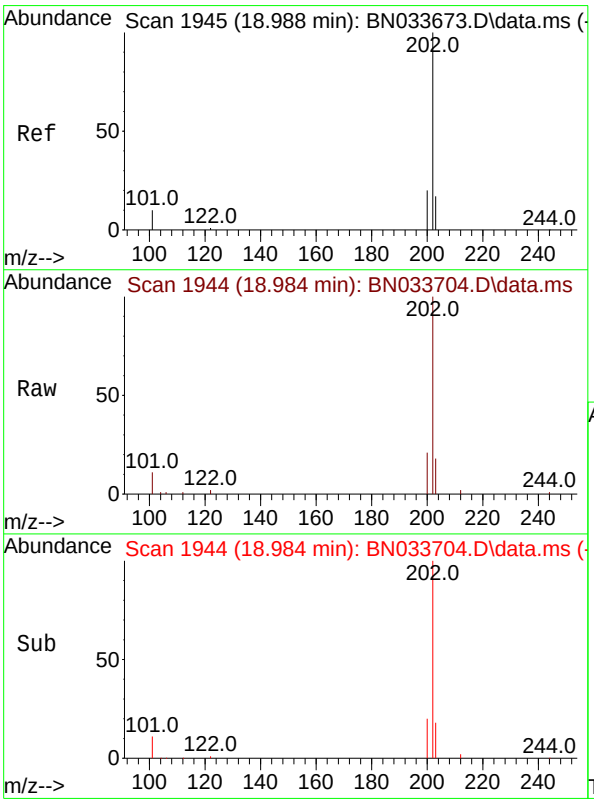
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.956 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 10005

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.8	17.6
104	8.6	6.9	10.3

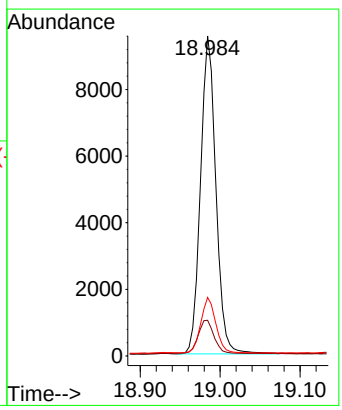


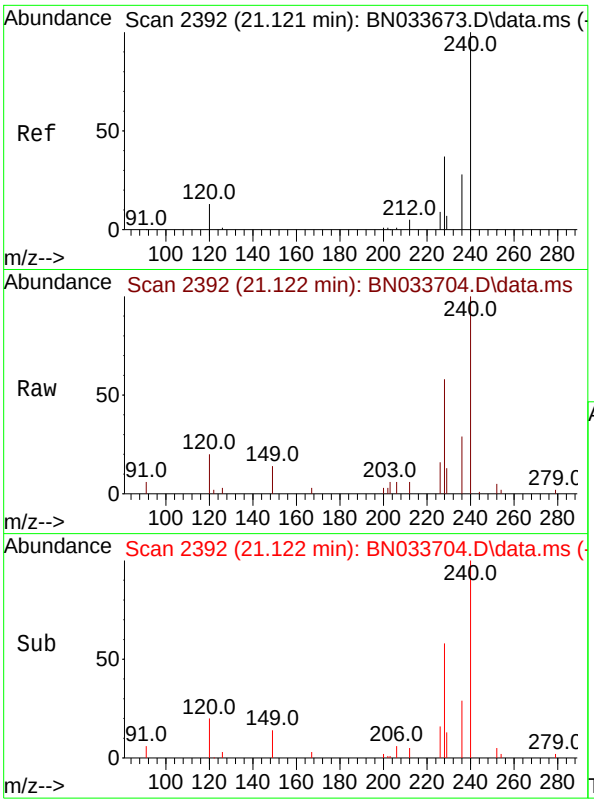


#28
Fluoranthene
Concen: 0.385 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:202 Resp: 12723

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.2	13.8
203	16.9	13.8	20.8



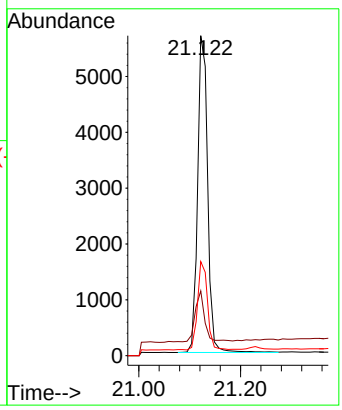


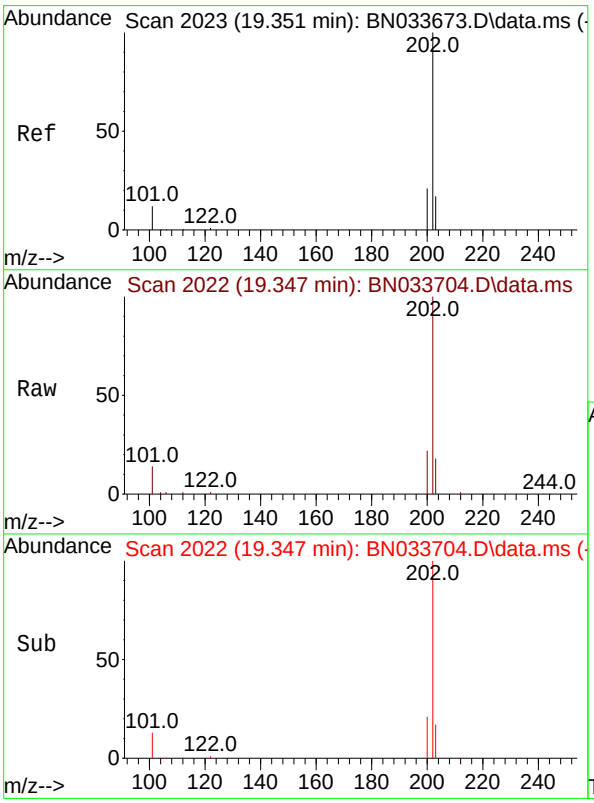
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.122 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7773

Ion	Ratio	Lower	Upper
240	100		
120	20.3	13.3	19.9#
236	29.4	23.4	35.2

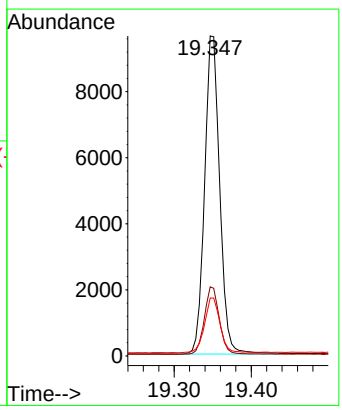


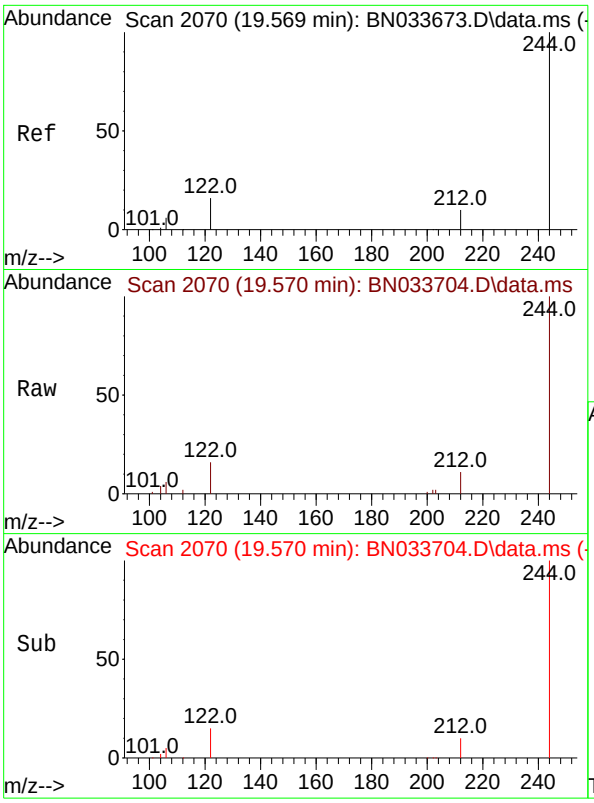


#30
Pyrene
Concen: 0.417 ng
RT: 19.347 min Scan# 2022
Delta R.T. -0.004 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:202 Resp: 13119

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.7	14.5	21.7



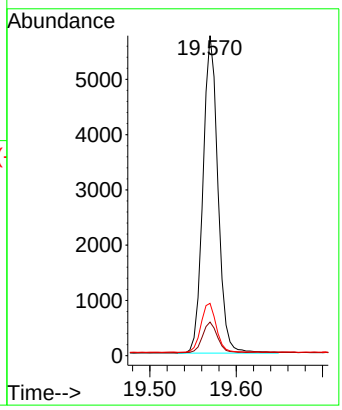


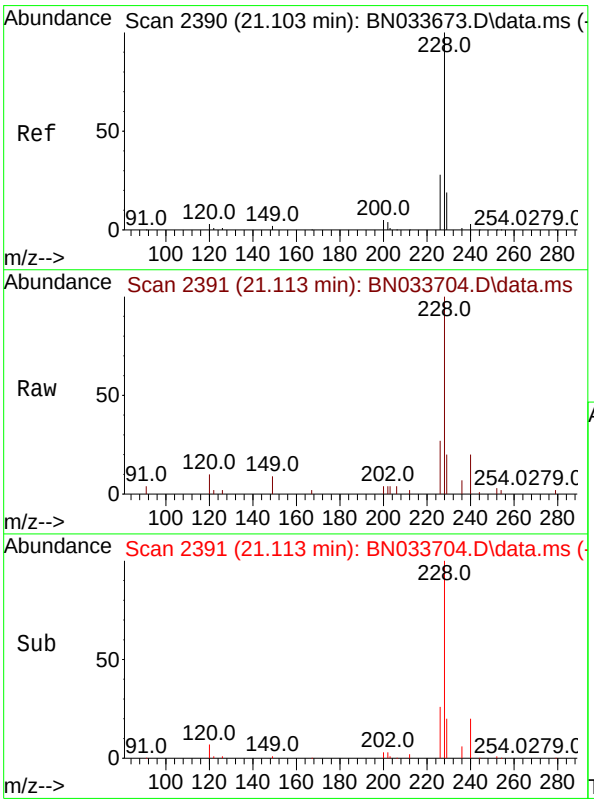
#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.570 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6933

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.2	12.4
122	16.4	13.6	20.4

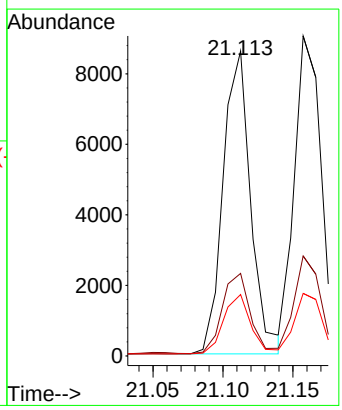


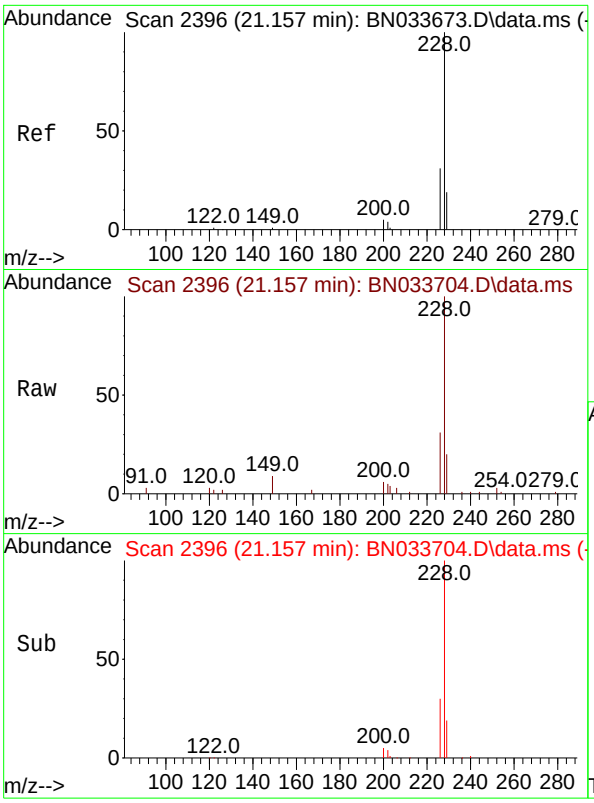


#32
Benzo(a)anthracene
Concen: 0.430 ng
RT: 21.113 min Scan# 2391
Delta R.T. 0.010 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:228 Resp: 11786

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	34.0
229	20.2	15.8	23.6



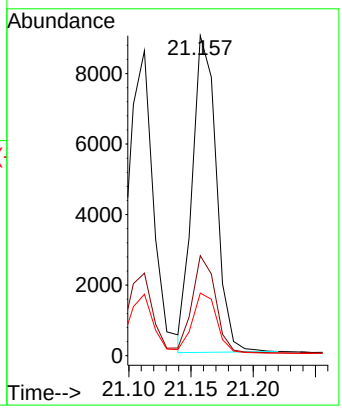


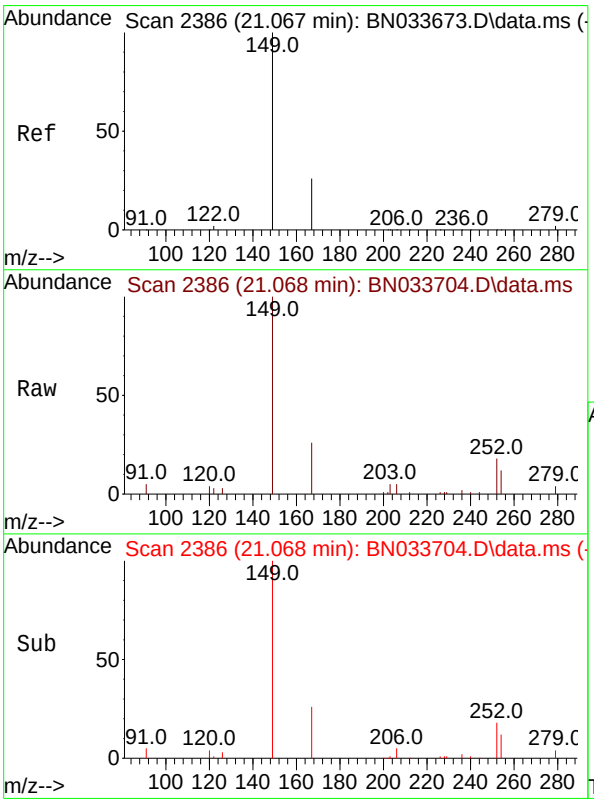
#33
Chrysene
Concen: 0.430 ng
RT: 21.157 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12063

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	19.6	15.6	23.4

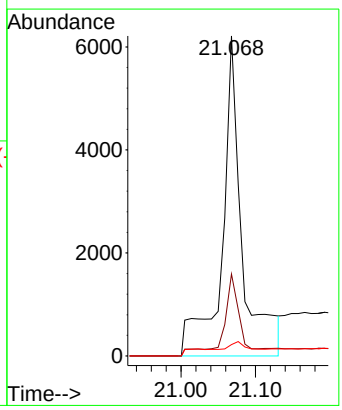


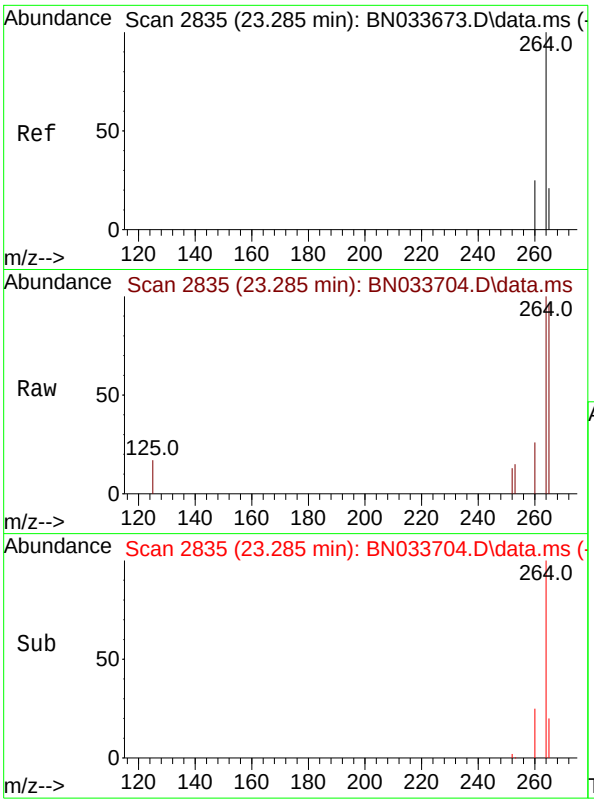


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.705 ng
RT: 21.068 min Scan# 2386
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:149 Resp: 10961

Ion	Ratio	Lower	Upper
149	100		
167	15.6	28.3	42.5#
279	2.6	4.2	6.2#



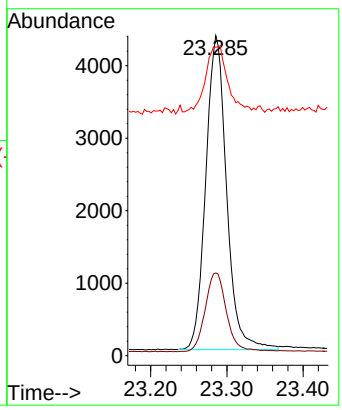


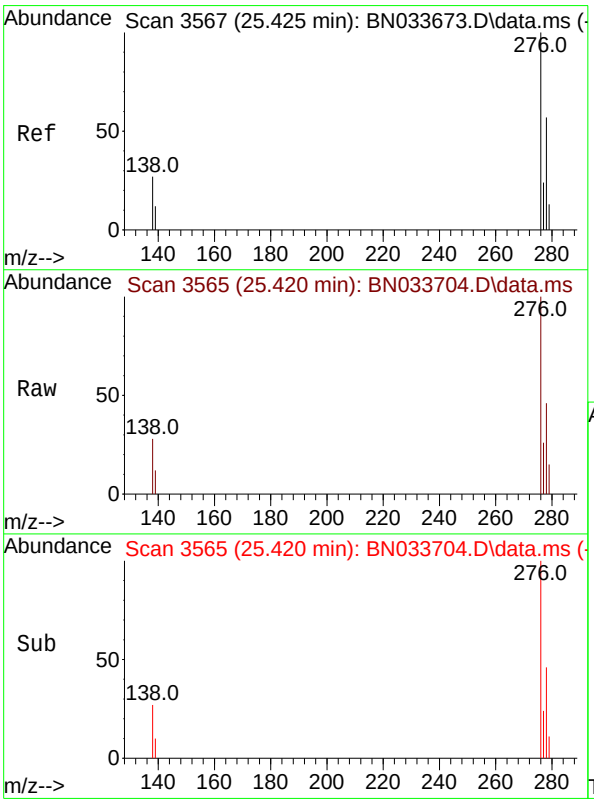
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.285 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 8210

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.7	31.1
265	96.4	69.9	104.9

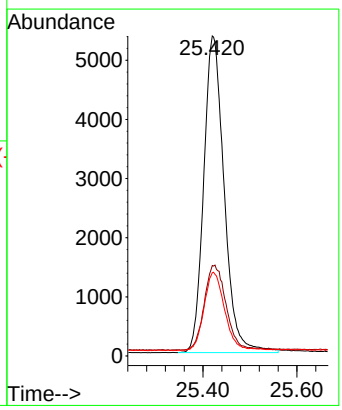


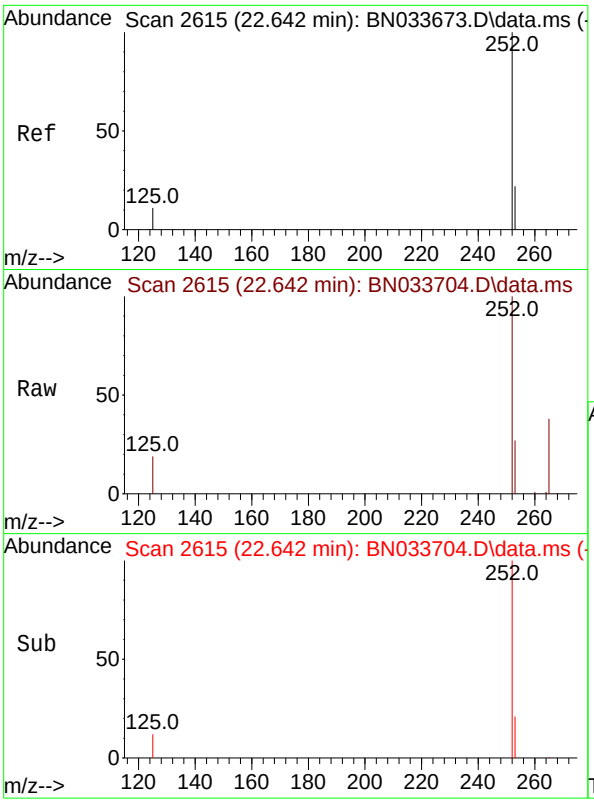


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng
RT: 25.420 min Scan# 3565
Delta R.T. -0.005 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:276 Resp: 16185

Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.3	34.9
277	24.6	19.8	29.6



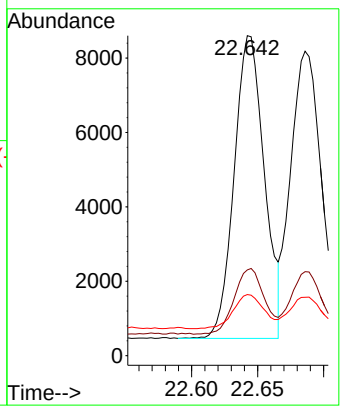


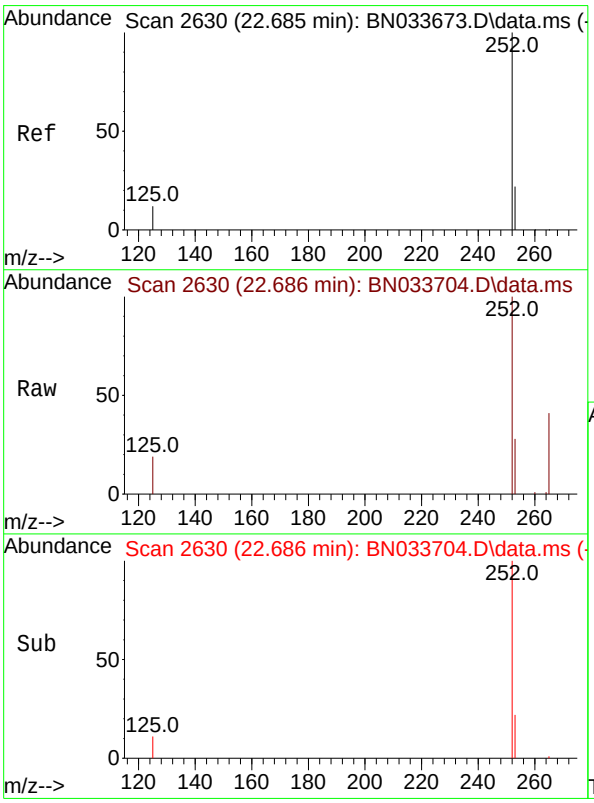
#37
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 22.642 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12962

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.6	32.4
125	19.1	15.2	22.8

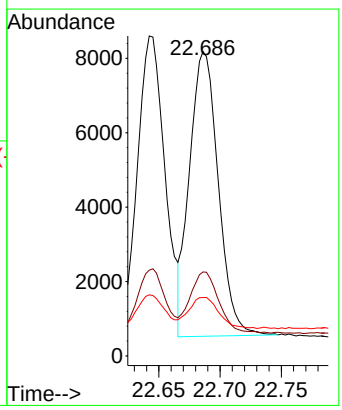


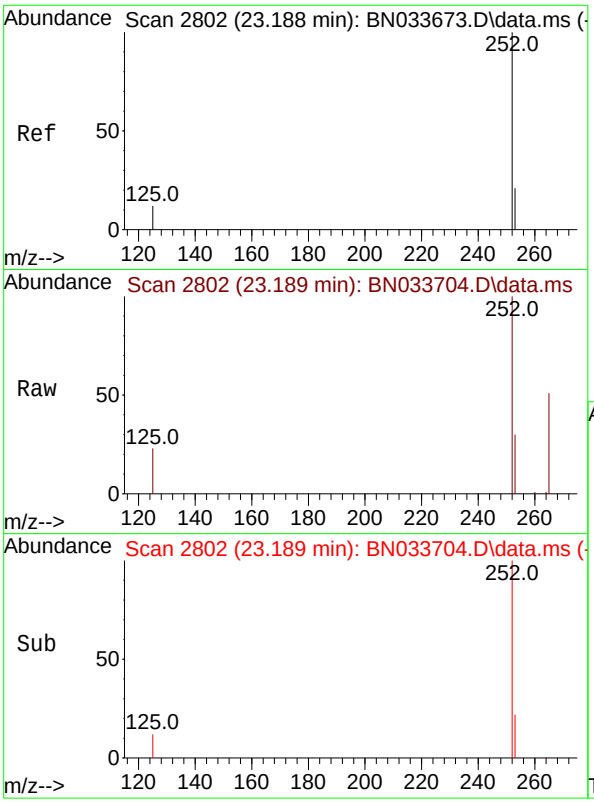


#38
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 22.686 min Scan# 2630
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:252 Resp: 12501

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.4	32.2
125	19.2	15.8	23.6



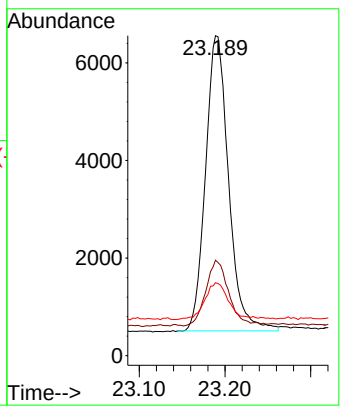


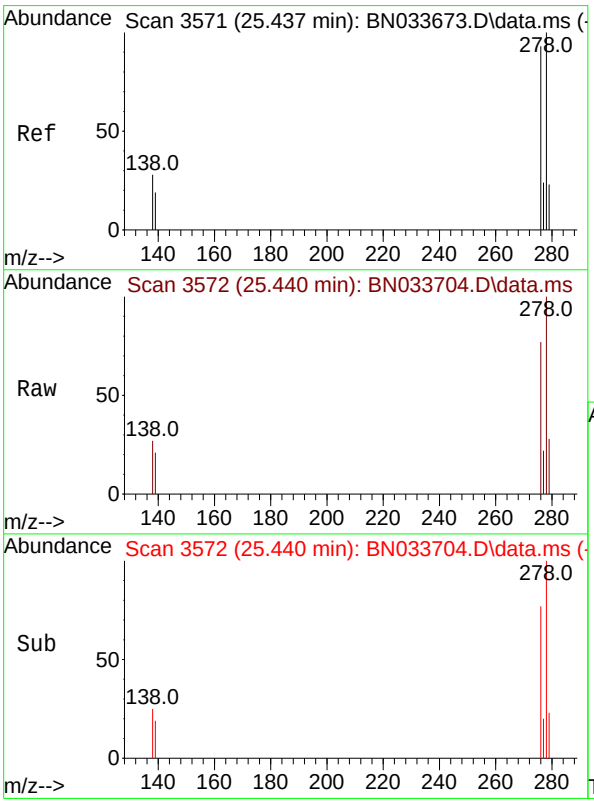
#39
Benzo(a)pyrene
Concen: 0.449 ng
RT: 23.189 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11323

Ion	Ratio	Lower	Upper
252	100		
253	29.9	23.6	35.4
125	22.8	18.7	28.1

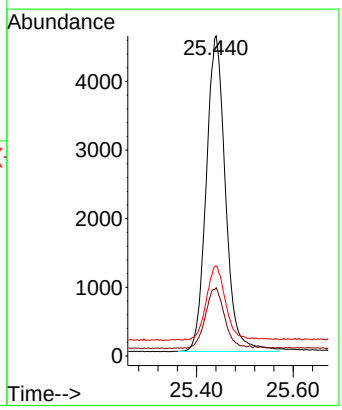


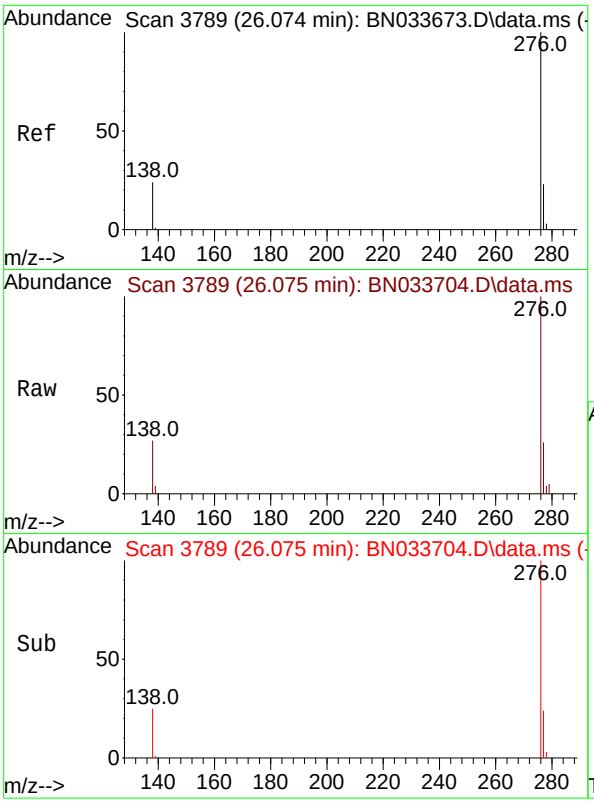


#40
Dibenzo(a,h)anthracene
Concen: 0.454 ng
RT: 25.440 min Scan# 3572
Delta R.T. 0.004 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Tgt Ion:278 Resp: 12744

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.2	25.8
279	28.1	22.2	33.4





#41
Benzo(g,h,i)perylene
Concen: 0.431 ng
RT: 26.075 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN033704.D
Acq: 30 Aug 2024 13:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 13132

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	27.0	21.1	31.7