Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030325.D
Acq On : 07 Mar 2024 14:19
Operator : MA/JU
Sample : PB159312BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Quant Time: Mar 07 14:56:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2626	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	7029	0.400	ng	#-0.01
13) Acenaphthene-d10	14.458	164	3524	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	6573	0.400	ng	# 0.00
29) Chrysene-d12	21.438	240	4212	0.400	ng	# 0.00
35) Perylene-d12	23.797	264	4870	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2321	0.337	ng	0.00
5) Phenol-d6	6.973	99	2586	0.357	ng	0.00
8) Nitrobenzene-d5	8.971	82	1903	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.197	152	4359	0.427	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	570	0.315	ng	0.00
15) 2-Fluorobiphenyl	13.079	172	4893	0.334	ng	-0.01
27) Fluoranthene-d10	19.262	212	4634	0.257	ng	0.00
31) Terphenyl-d14	19.875	244	3695	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	993	0.292	ng	# 55
3) n-Nitrosodimethylamine	3.644	42	924	0.257	ng	# 96
6) bis(2-Chloroethyl)ether	7.248	93	1738	0.302	ng	97
9) Naphthalene	10.648	128	5838	0.297	ng	98
10) Hexachlorobutadiene	10.925	225	1330	0.297	ng	# 99
12) 2-Methylnaphthalene	12.269	142	3632	0.300	ng	95
16) Acenaphthylene	14.169	152	5391	0.317	ng	99
17) Acenaphthene	14.511	154	3213	0.293	ng	99
18) Fluorene	15.505	166	3759	0.285	ng	100
20) 4,6-Dinitro-2-methylph...	15.617	198	329	0.241	ng	89
21) 4-Bromophenyl-phenylether	16.411	248	1238	0.308	ng	# 81
22) Hexachlorobenzene	16.511	284	1429	0.308	ng	97
23) Atrazine	16.697	200	1017	0.286	ng	94
24) Pentachlorophenol	16.871	266	548	0.226	ng	97
25) Phenanthrene	17.355	178	5415	0.288	ng	97
26) Anthracene	17.355	178	5212	0.302	ng	98
28) Fluoranthene	19.290	202	5697	0.249	ng	99
30) Pyrene	19.657	202	6036	0.341	ng	100
32) Benzo(a)anthracene	21.420	228	4295	0.291	ng	98
33) Chrysene	21.474	228	4880	0.305	ng	98
34) Bis(2-ethylhexyl)phtha...	21.376	149	3510	0.298	ng	99
36) Indeno(1,2,3-cd)pyrene	26.221	276	6301	0.309	ng	# 88
37) Benzo(b)fluoranthene	23.081	252	4800	0.282	ng	98
38) Benzo(k)fluoranthene	23.131	252	4901	0.283	ng	# 96
39) Benzo(a)pyrene	23.692	252	4403	0.293	ng	99
40) Dibenzo(a,h)anthracene	26.253	278	4973	0.310	ng	99
41) Benzo(g,h,i)perylene	26.955	276	5710	0.309	ng	99

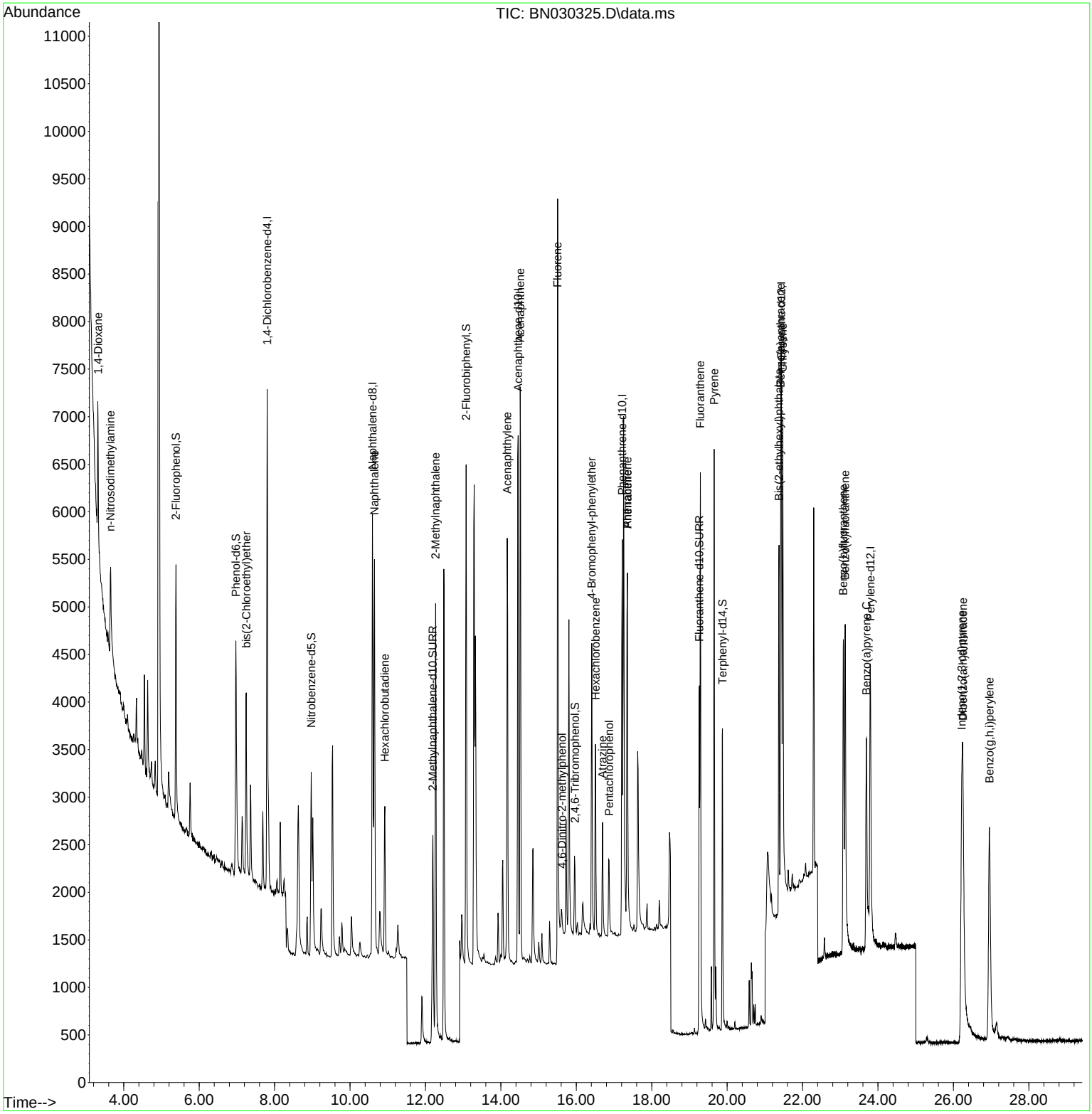
(#) = qualifier out of range (m) = manual integration (+) = signals summed

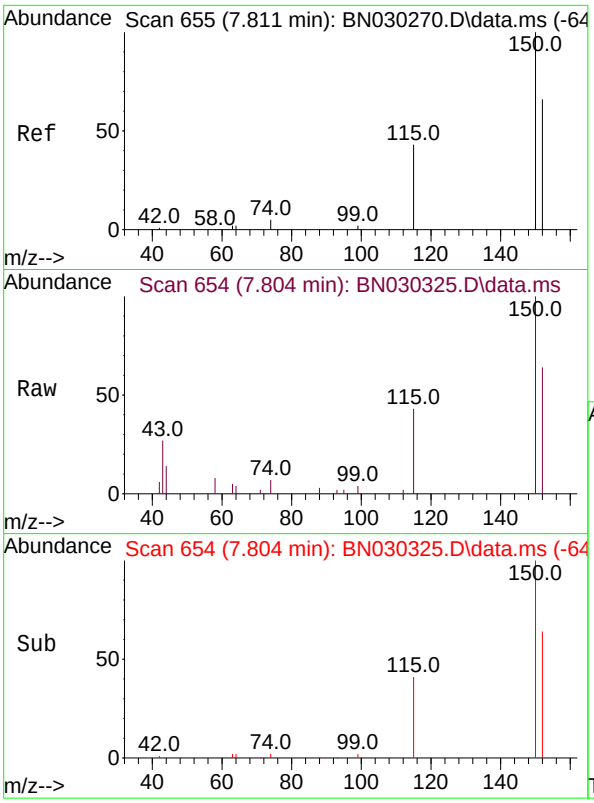
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030325.D
Acq On : 07 Mar 2024 14:19
Operator : MA/JU
Sample : PB159312BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Quant Time: Mar 07 14:56:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration



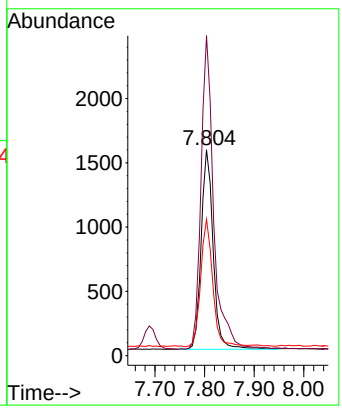


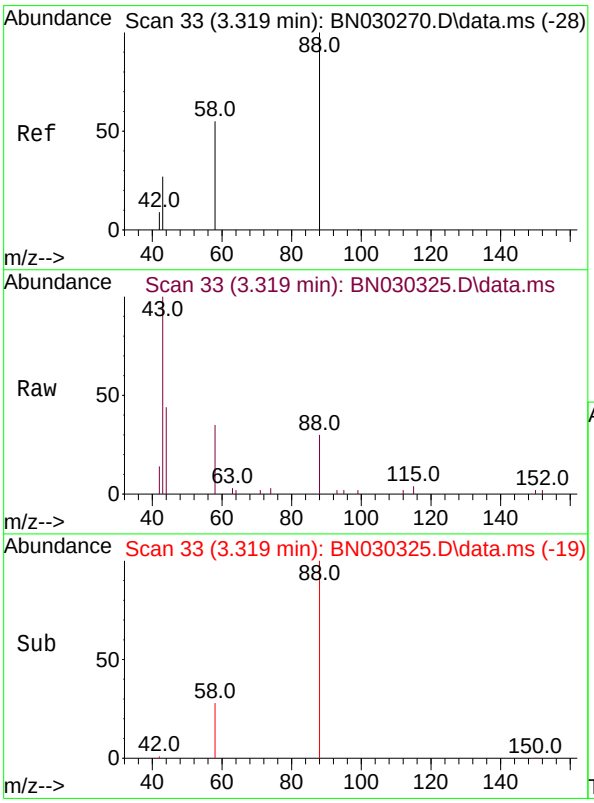
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:152 Resp: 2626

Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.4	179.0
115	66.2	56.9	85.3

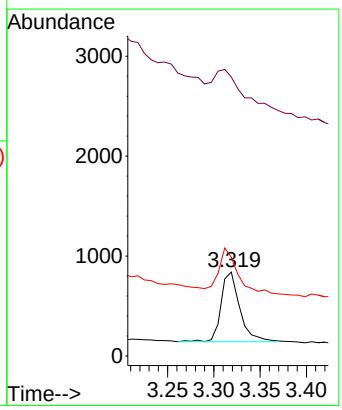


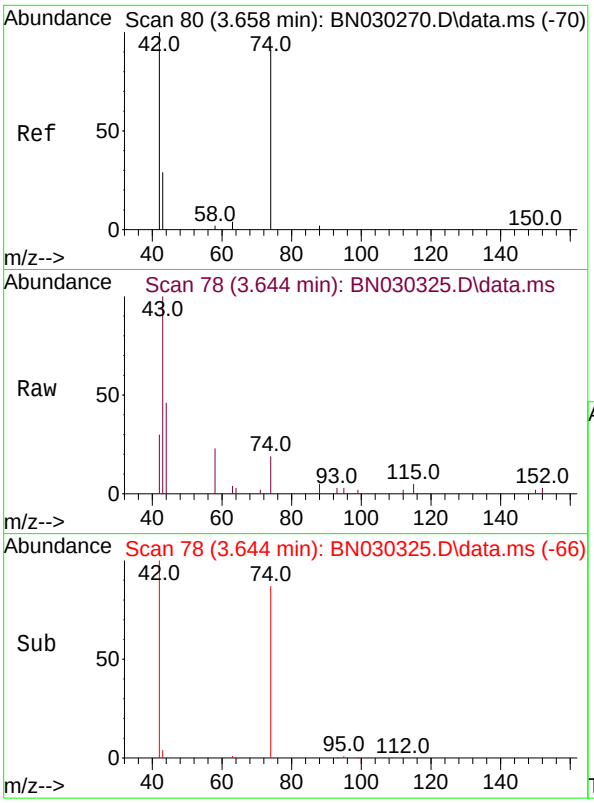


#2
1,4-Dioxane
Concen: 0.292 ng
RT: 3.319 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion: 88 Resp: 993

Ion	Ratio	Lower	Upper
88	100		
43	90.0	23.8	35.8#
58	66.1	46.2	69.4



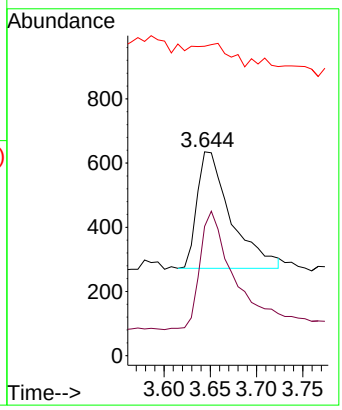


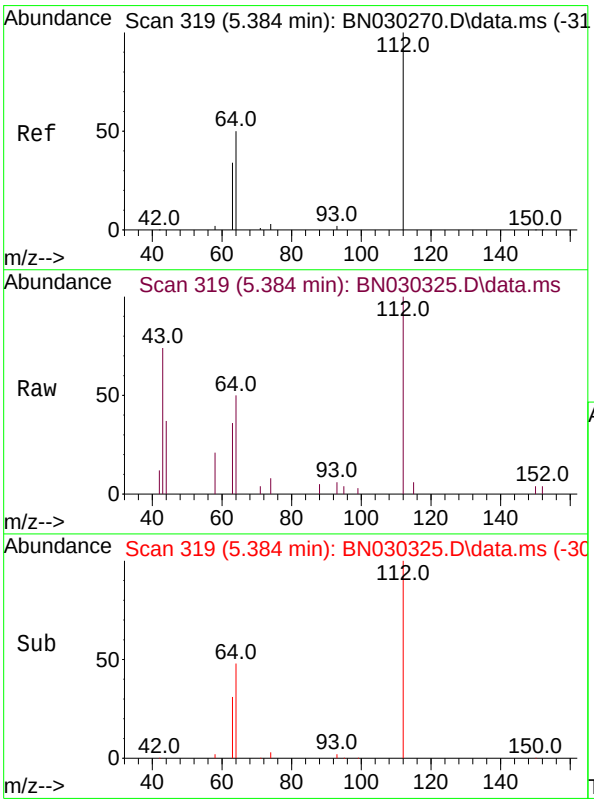
#3
n-Nitrosodimethylamine
Concen: 0.257 ng
RT: 3.644 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion: 42 Resp: 924

Ion	Ratio	Lower	Upper
42	100		
74	103.6	79.4	119.0
44	0.0	0.0	0.0

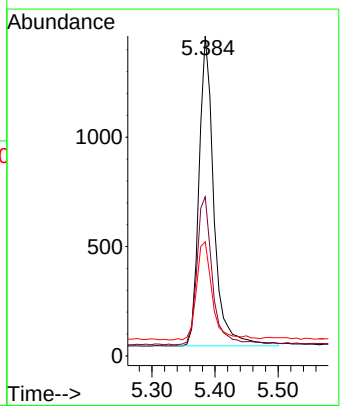


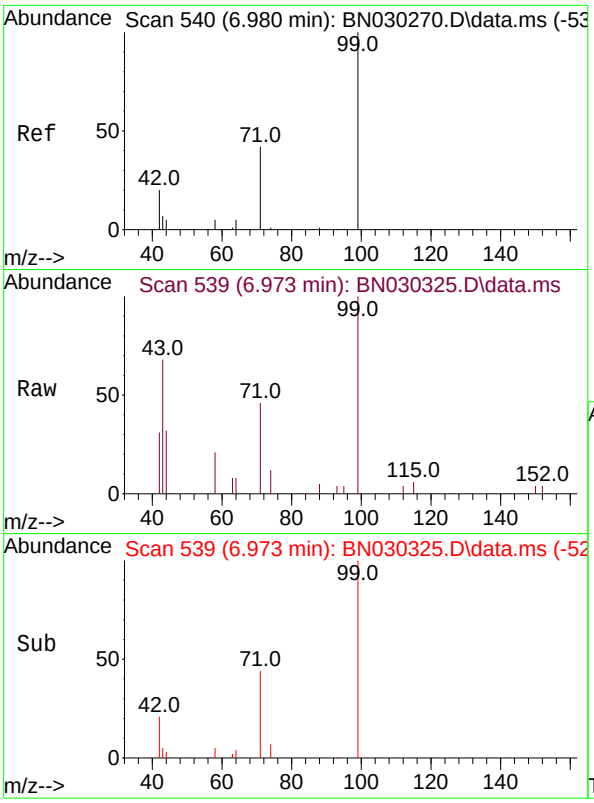


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:112 Resp: 2321

Ion	Ratio	Lower	Upper
112	100		
64	49.9	41.8	62.8
63	33.9	27.1	40.7



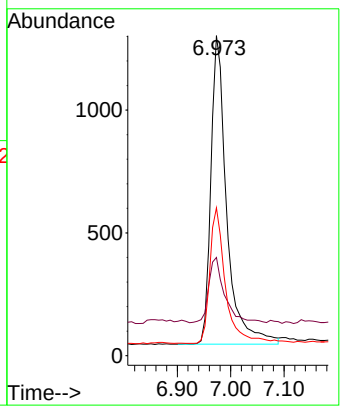


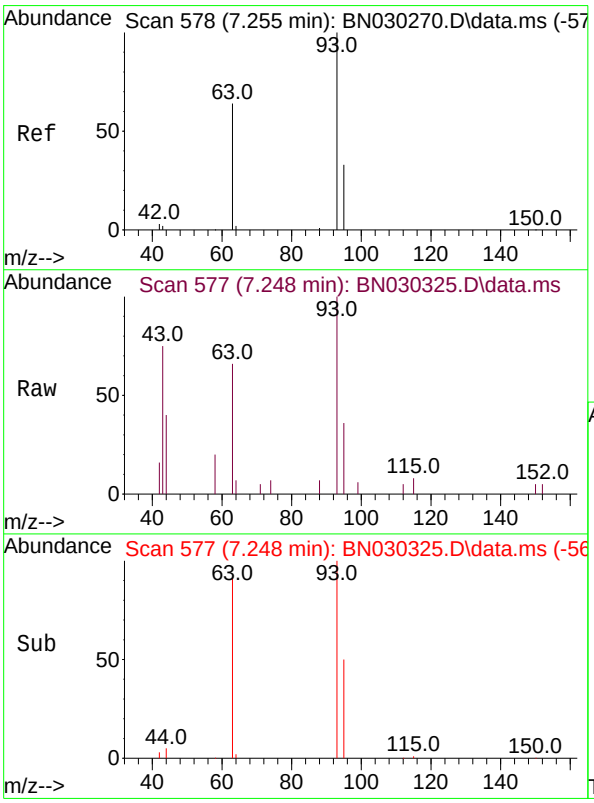
#5
Phenol-d6
Concen: 0.357 ng
RT: 6.973 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion: 99 Resp: 2586

Ion	Ratio	Lower	Upper
99	100		
42	21.6	19.0	28.6
71	43.7	36.0	54.0

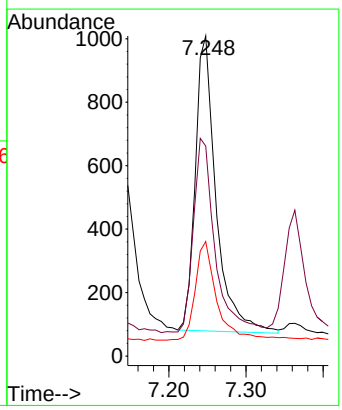


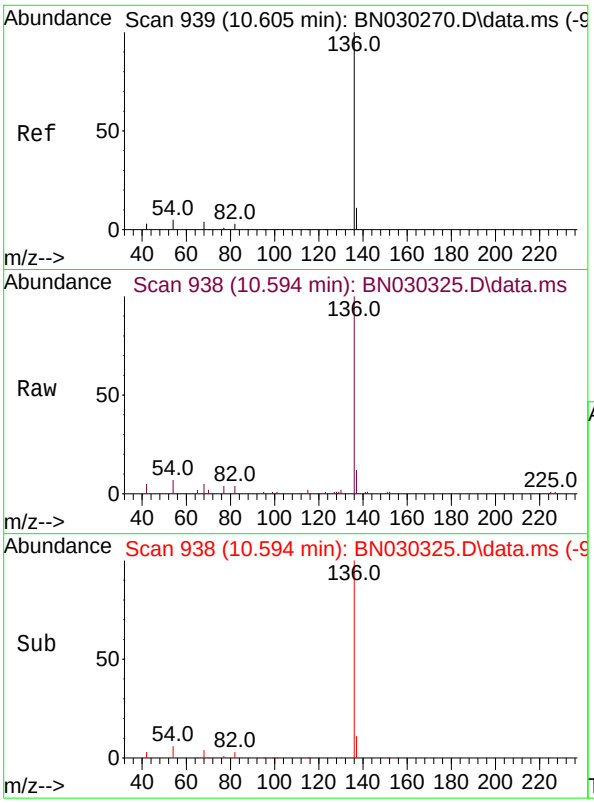


#6
bis(2-Chloroethyl)ether
Concen: 0.302 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion: 93 Resp: 1738

Ion	Ratio	Lower	Upper
93	100		
63	68.1	57.7	86.5
95	35.6	28.6	43.0



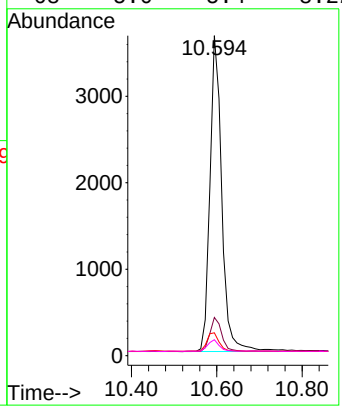


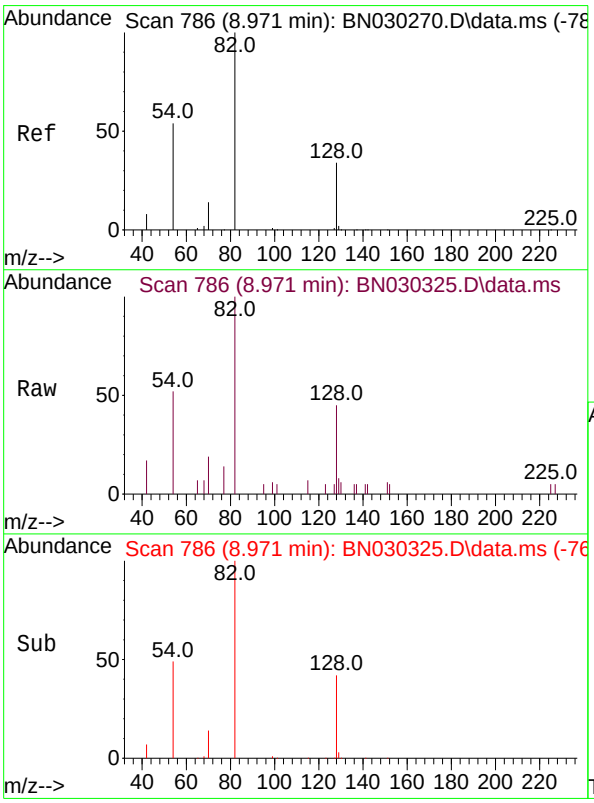
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:136 Resp: 7029

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.5	15.7
54	7.1	6.4	9.6
68	5.0	5.4	8.2#

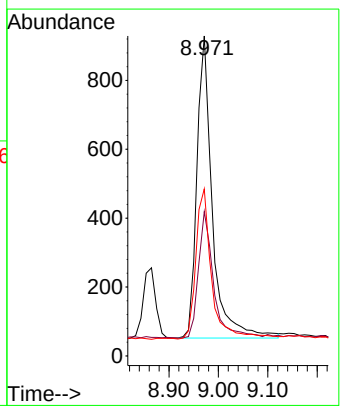


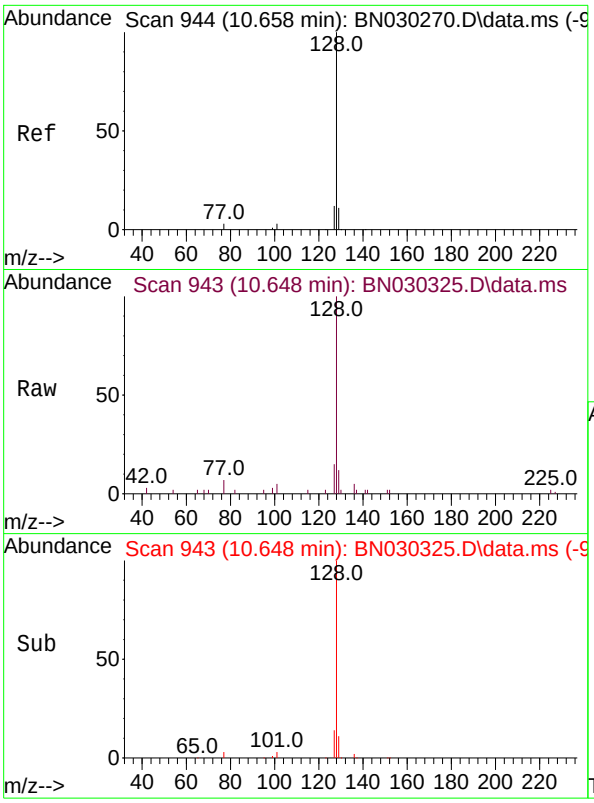


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion: 82 Resp: 1903

Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.2	48.2
54	52.2	47.3	70.9



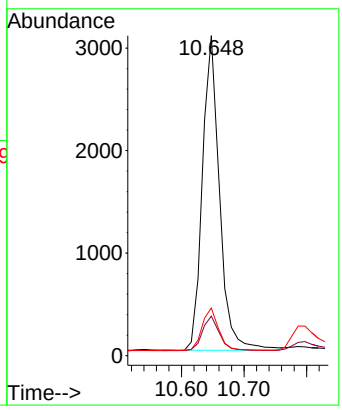


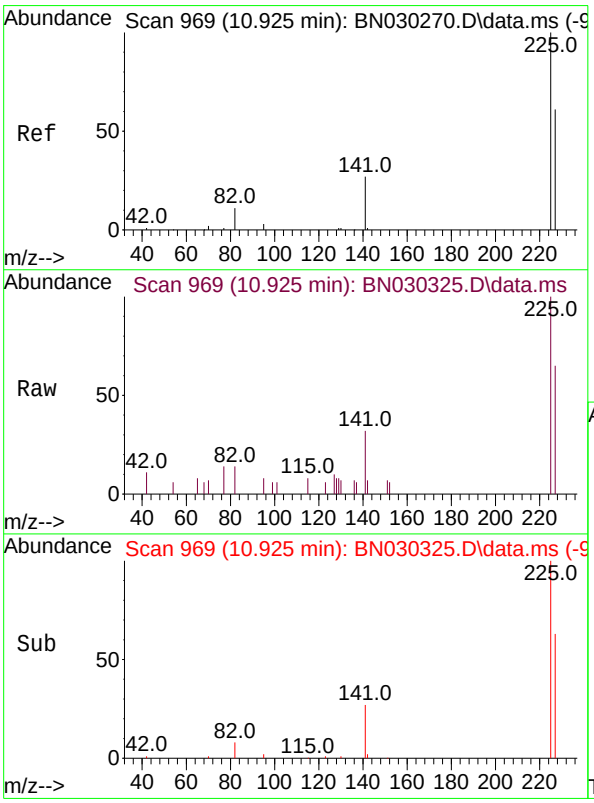
#9
Naphthalene
Concen: 0.297 ng
RT: 10.648 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:128 Resp: 5838

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.8	16.2
127	14.9	11.7	17.5

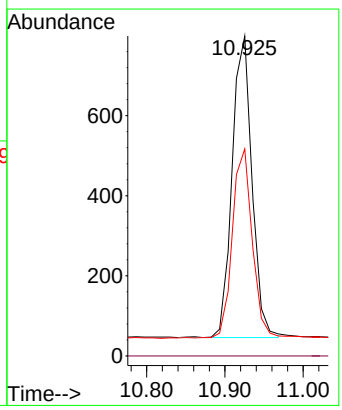


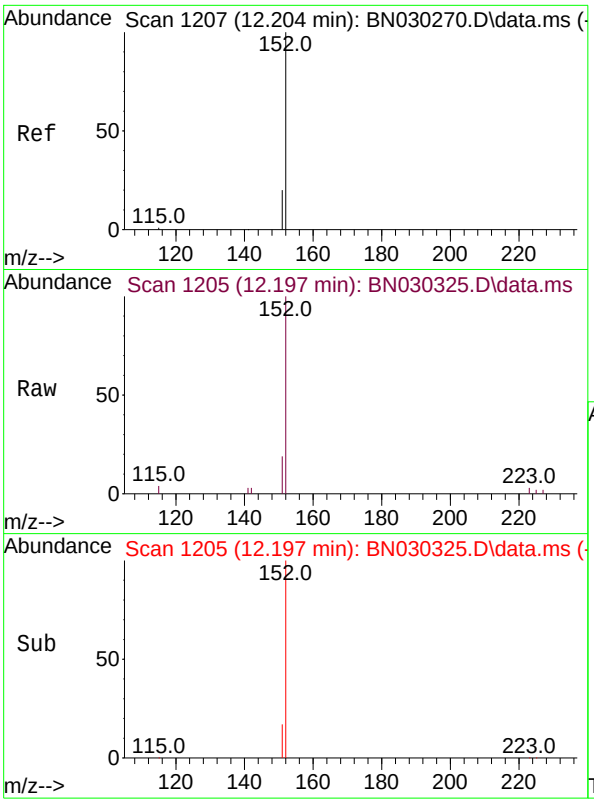


#10
Hexachlorobutadiene
Concen: 0.297 ng
RT: 10.925 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:225 Resp: 1330

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.4	50.6	76.0



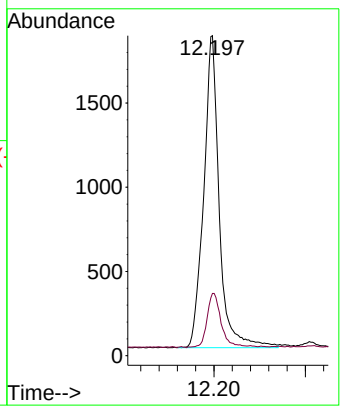


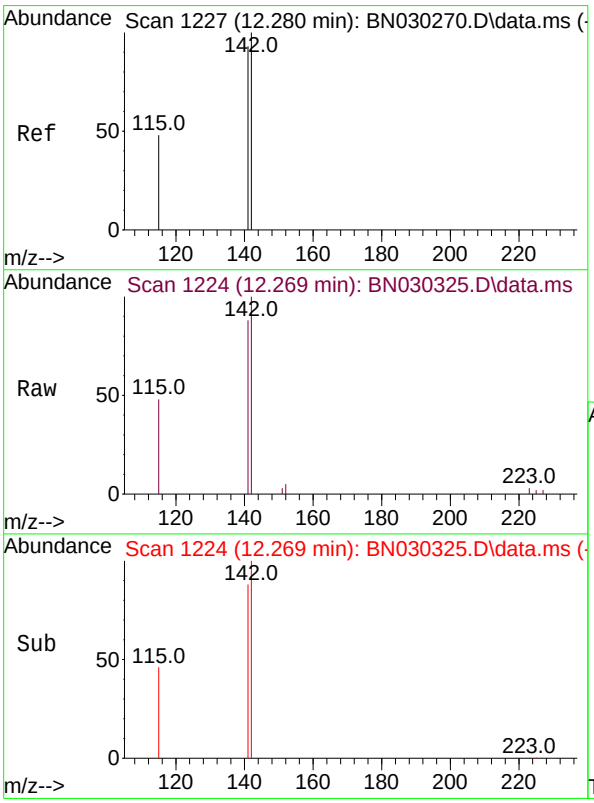
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.197 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:152 Resp: 4359

Ion	Ratio	Lower	Upper
152	100		
151	15.9	16.7	25.1#

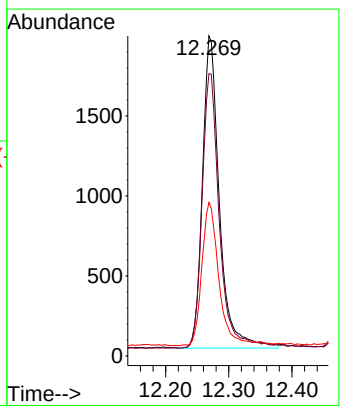


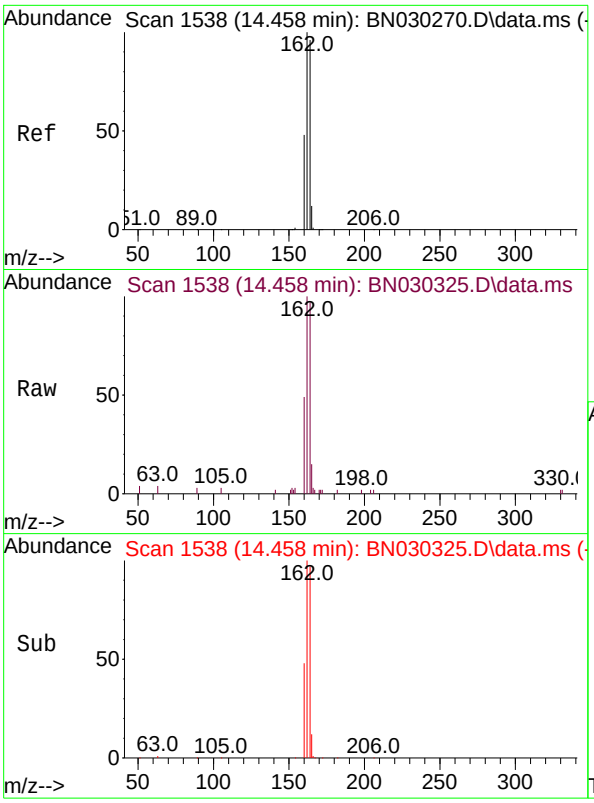


#12
2-Methylnaphthalene
Concen: 0.300 ng
RT: 12.269 min Scan# 1224
Delta R.T. -0.011 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:142 Resp: 3632

Ion	Ratio	Lower	Upper
142	100		
141	88.2	74.2	111.4
115	48.0	40.7	61.1



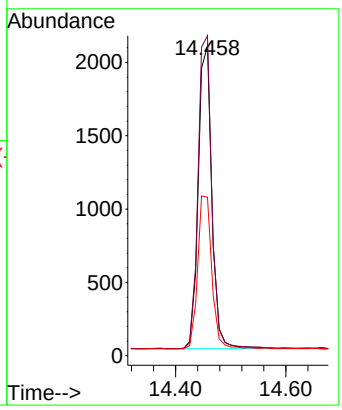


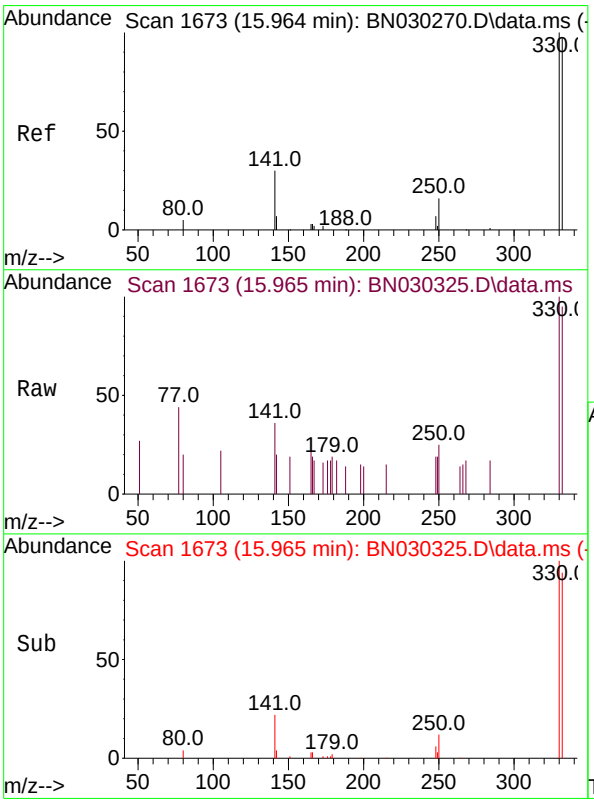
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:164 Resp: 3524

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.2
160	51.1	41.7	62.5

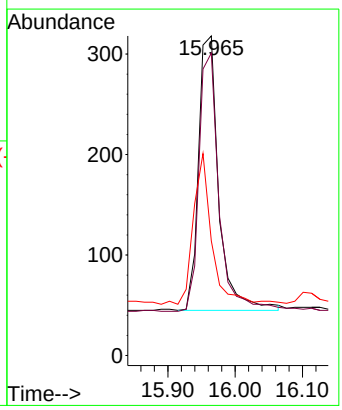


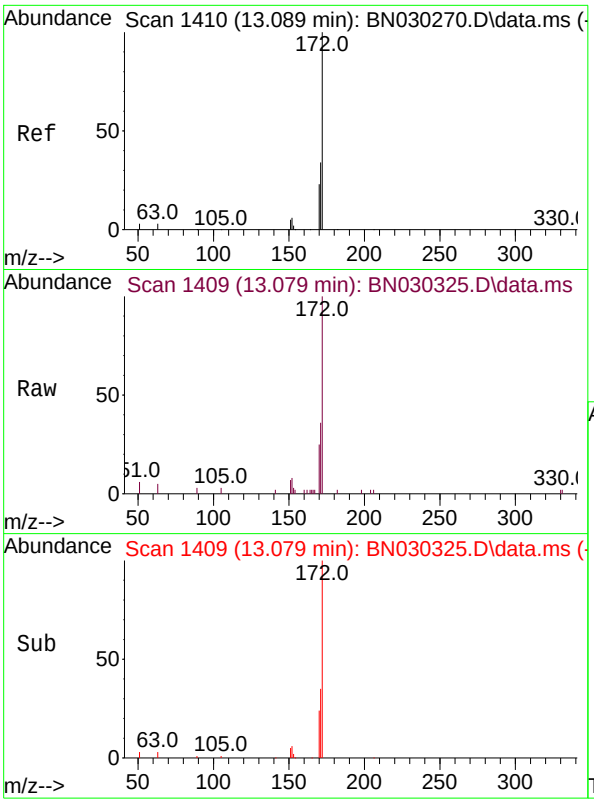


#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.965 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:330 Resp: 570

Ion	Ratio	Lower	Upper
330	100		
332	93.9	72.6	108.8
141	50.4	41.3	61.9



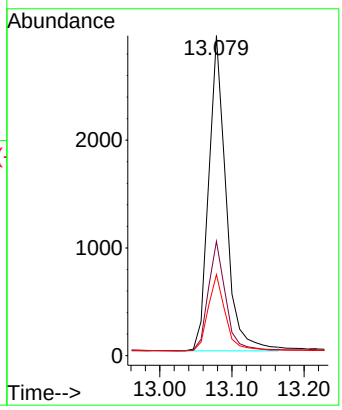


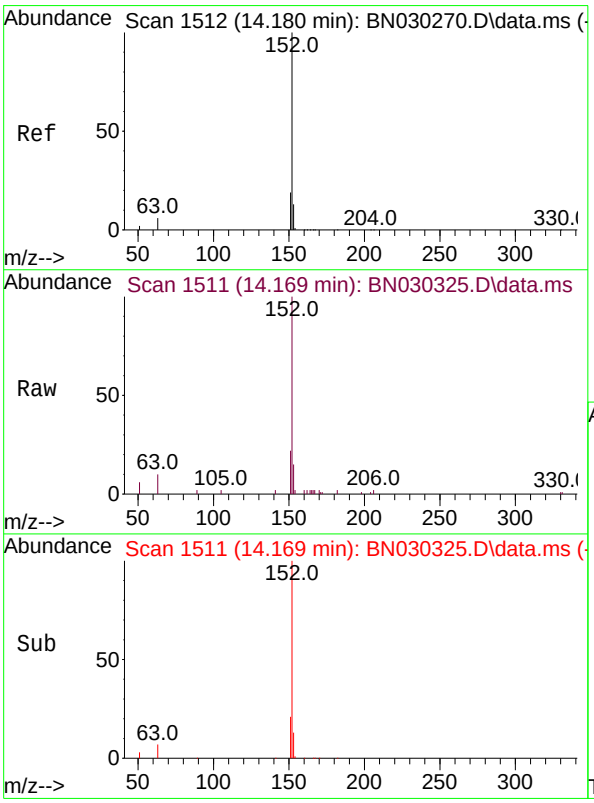
#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.079 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:172 Resp: 4893

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	25.4	20.2	30.2

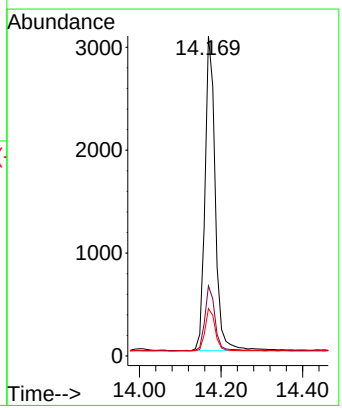


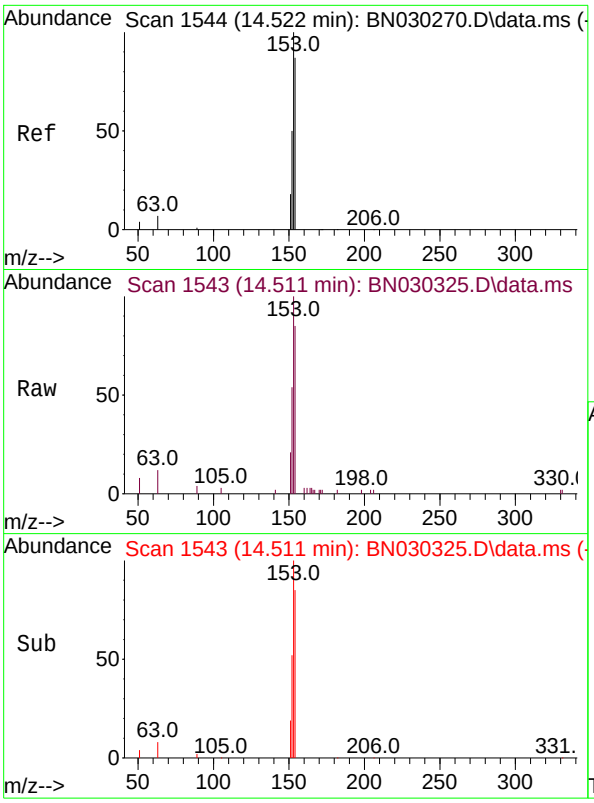


#16
Acenaphthylene
Concen: 0.317 ng
RT: 14.169 min Scan# 1511
Delta R.T. -0.011 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:152 Resp: 5391

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.1	24.1
153	13.3	10.3	15.5



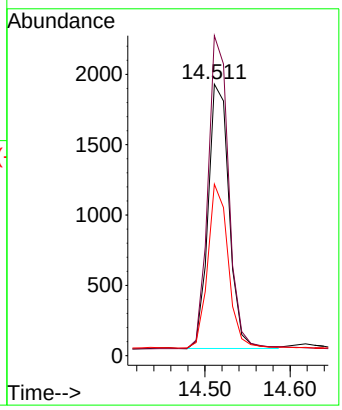


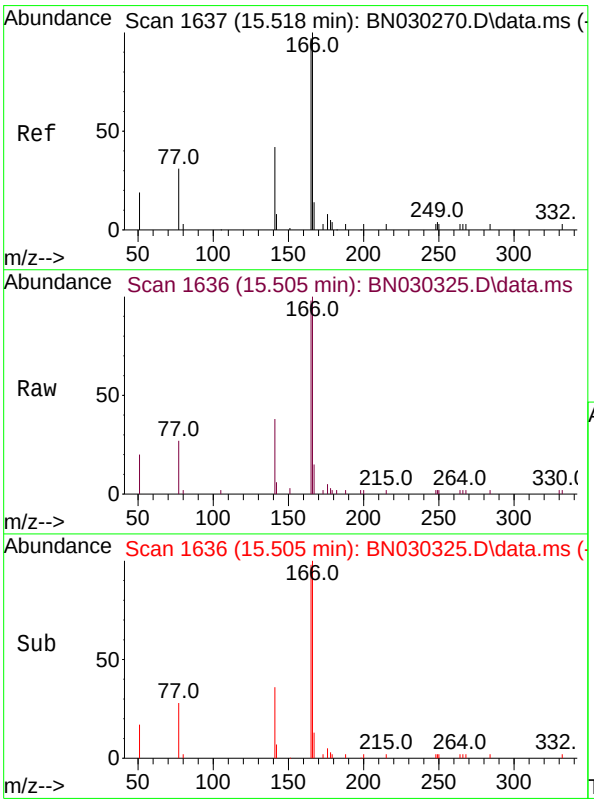
#17
Acenaphthene
Concen: 0.293 ng
RT: 14.511 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:154 Resp: 3213

Ion	Ratio	Lower	Upper
154	100		
153	117.2	92.9	139.3
152	60.4	47.3	70.9

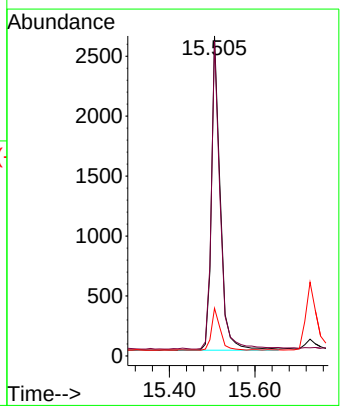


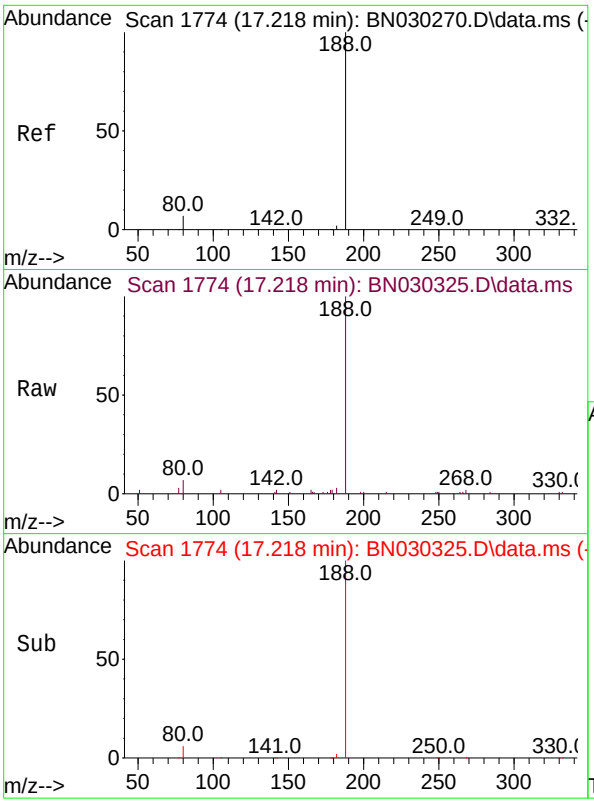


#18
Fluorene
Concen: 0.285 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:166 Resp: 3759

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.9	119.9
167	13.0	11.0	16.4



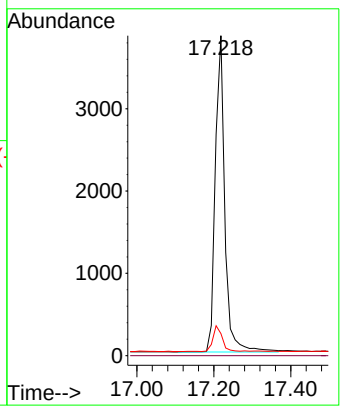


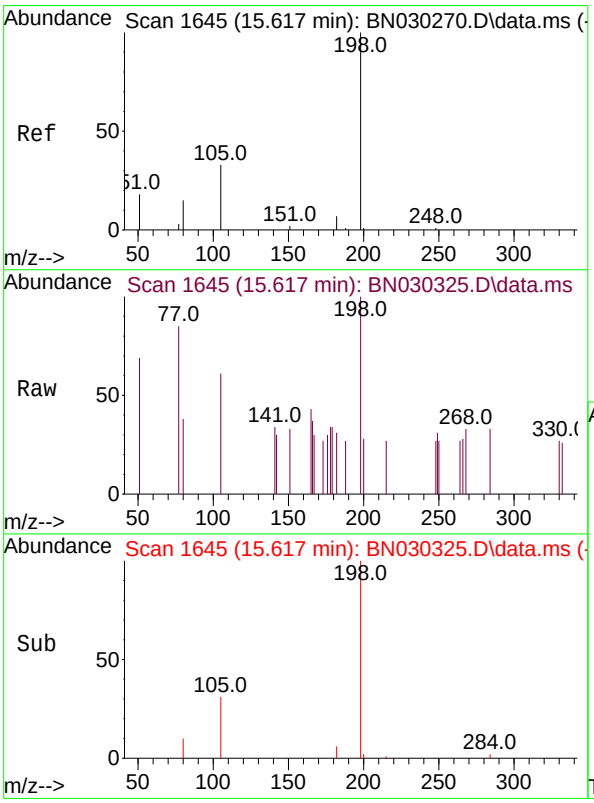
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:188 Resp: 6573

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	7.8	11.6#

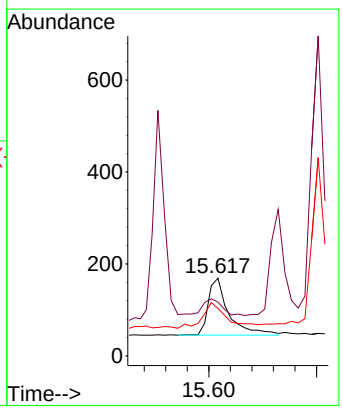


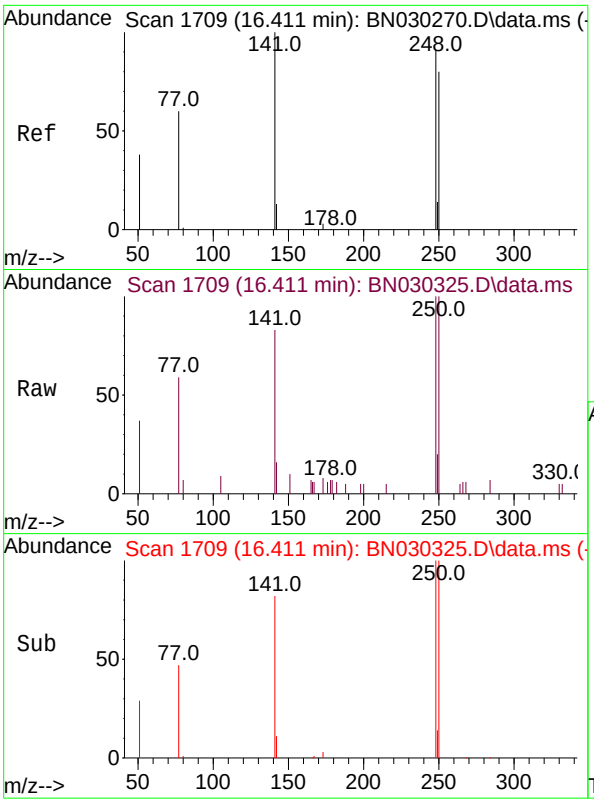


#20
4,6-Dinitro-2-methylphenol
Concen: 0.241 ng
RT: 15.617 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:198 Resp: 329

Ion	Ratio	Lower	Upper
198	100		
51	69.2	67.4	101.2
105	60.9	50.8	76.2



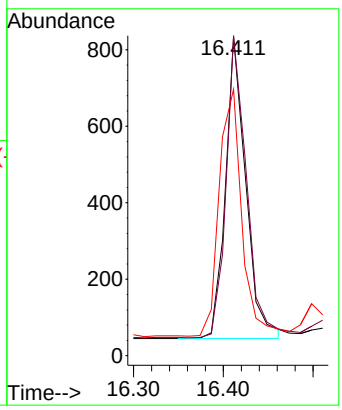


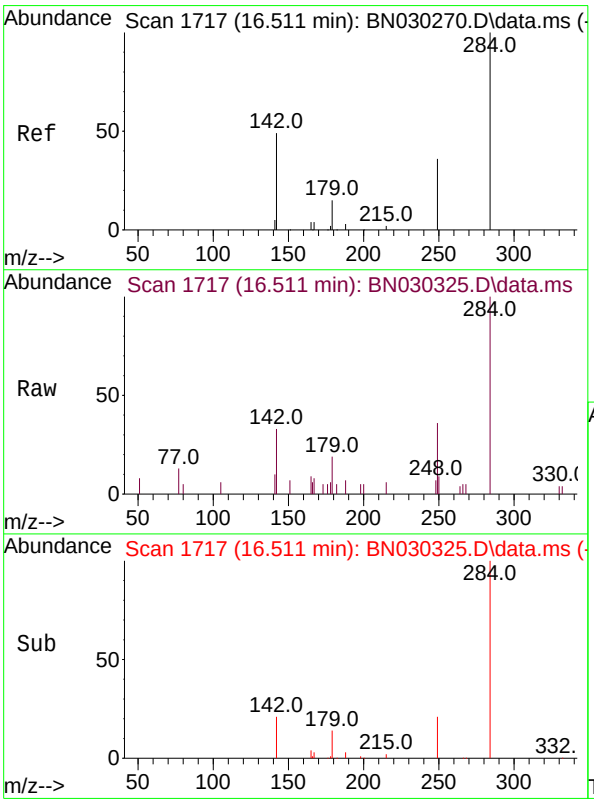
#21
4-Bromophenyl-phenylether
Concen: 0.308 ng
RT: 16.411 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:248 Resp: 1238

Ion	Ratio	Lower	Upper
248	100		
250	100.2	71.3	106.9
141	83.5	88.0	132.0#

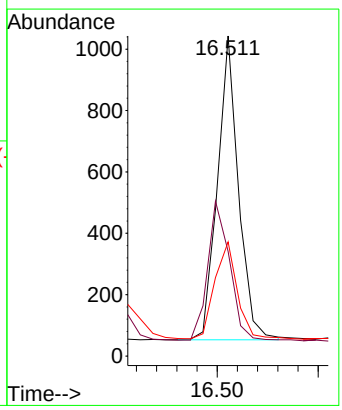


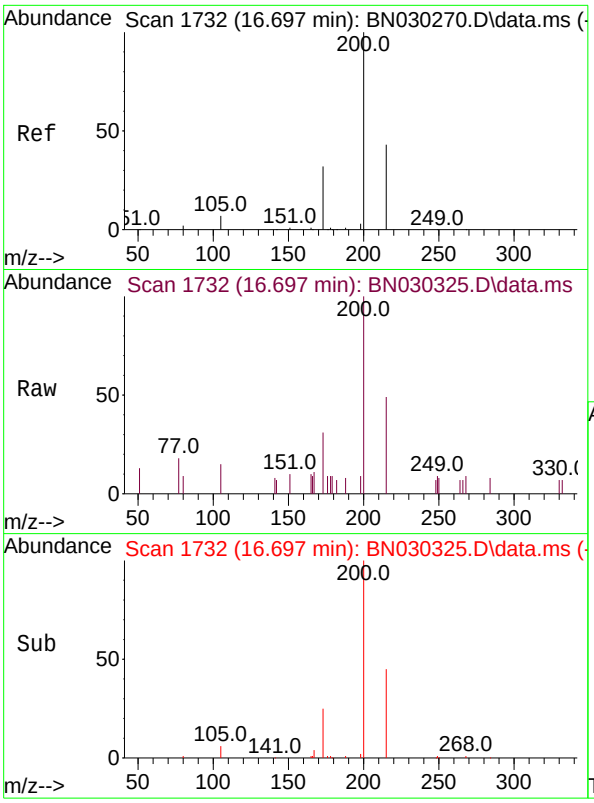


#22
Hexachlorobenzene
Concen: 0.308 ng
RT: 16.511 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:284 Resp: 1429

Ion	Ratio	Lower	Upper
284	100		
142	47.4	41.0	61.6
249	34.2	27.4	41.2



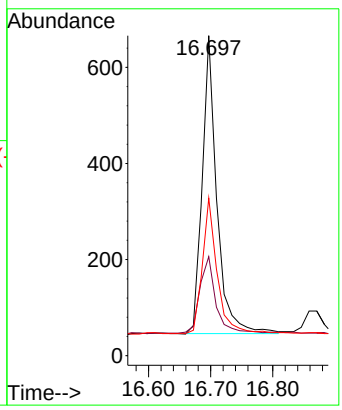


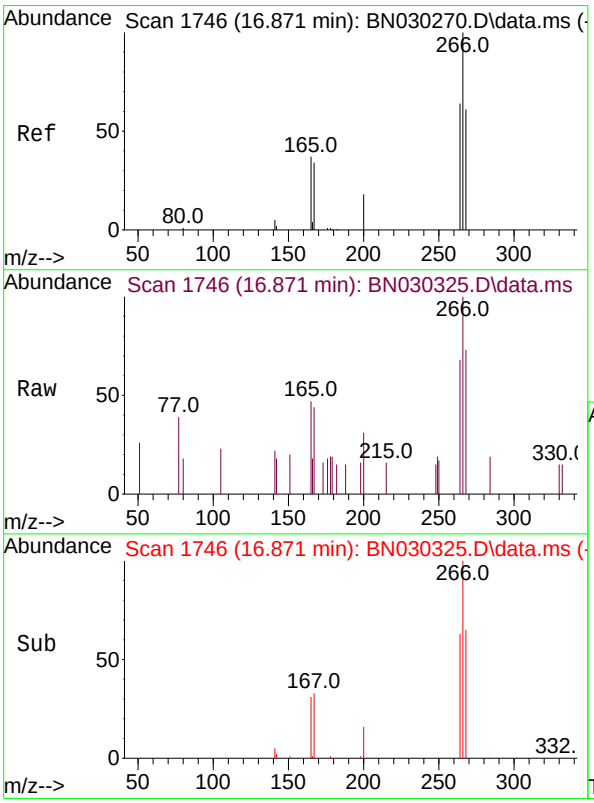
#23
Atrazine
Concen: 0.286 ng
RT: 16.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:200 Resp: 1017

Ion	Ratio	Lower	Upper
200	100		
173	30.9	30.8	46.2
215	49.2	38.7	58.1

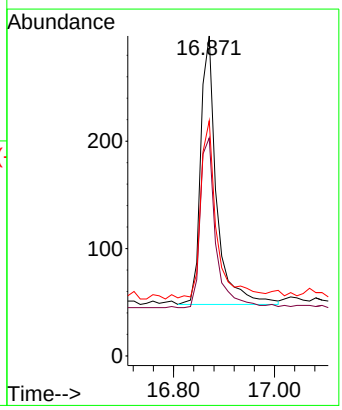


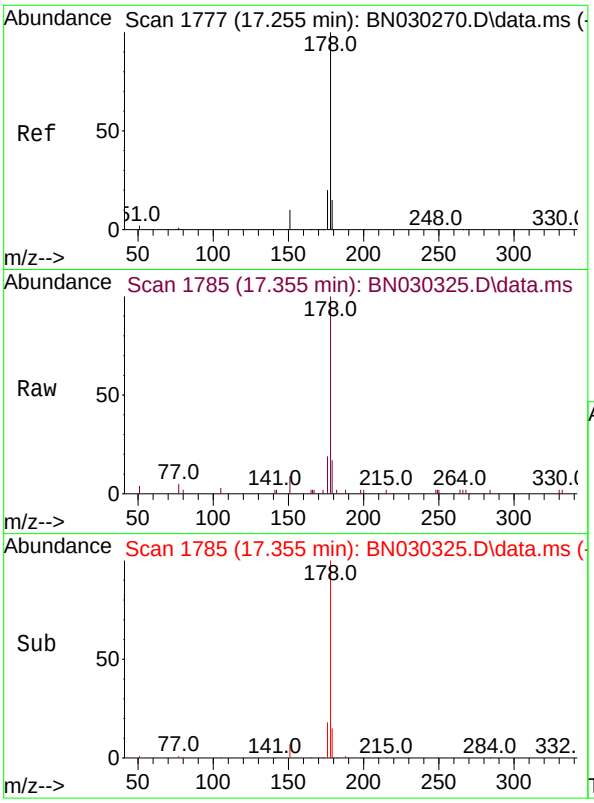


#24
Pentachlorophenol
Concen: 0.226 ng
RT: 16.871 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:266 Resp: 548

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.1	73.7
268	65.5	49.2	73.8



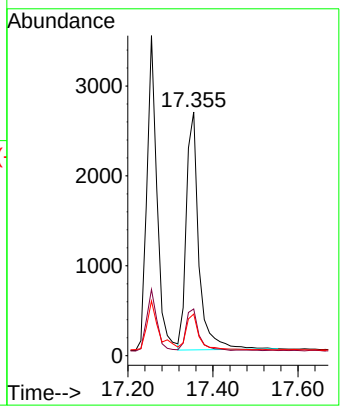


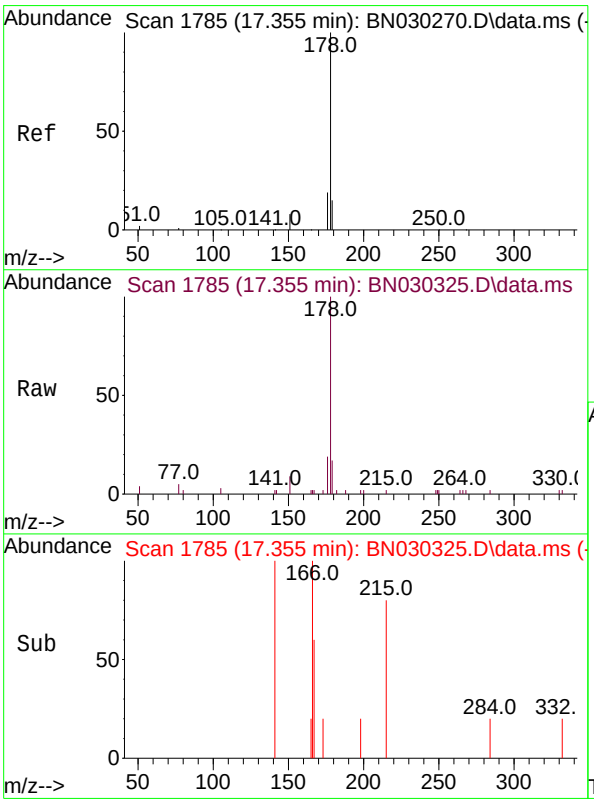
#25
Phenanthrene
Concen: 0.288 ng
RT: 17.355 min Scan# 1
Delta R.T. 0.099 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:178 Resp: 5415

Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.0	24.0
179	15.6	12.4	18.6

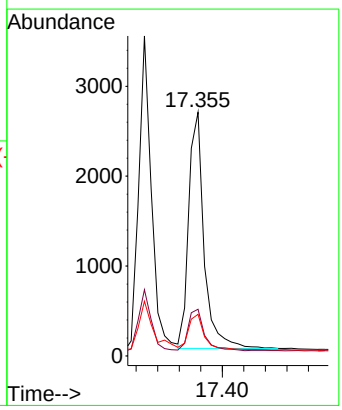


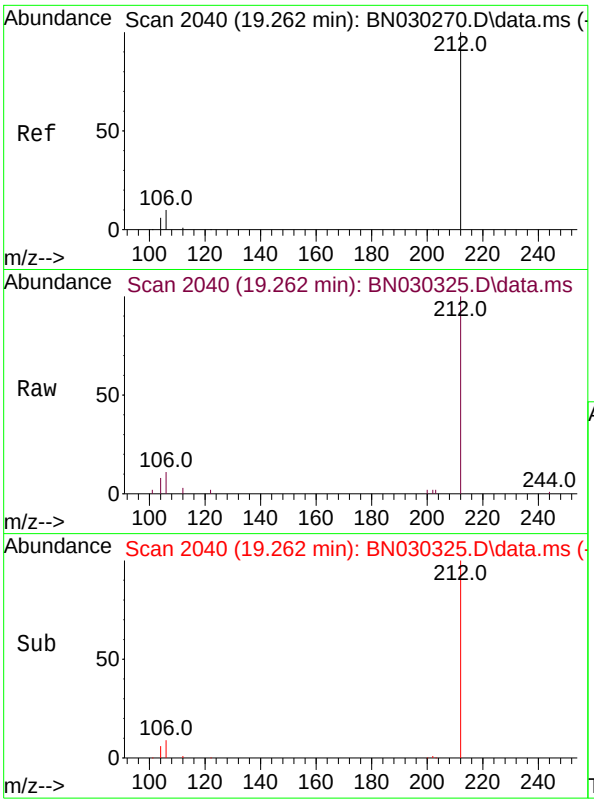


#26
Anthracene
Concen: 0.302 ng
RT: 17.355 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:178 Resp: 5212

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.3	22.9
179	15.8	12.5	18.7



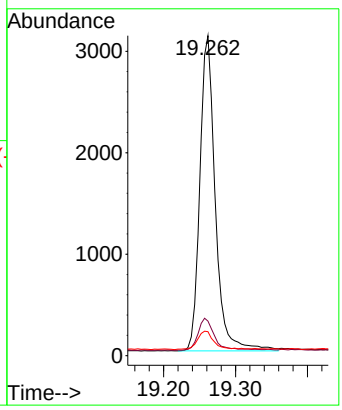


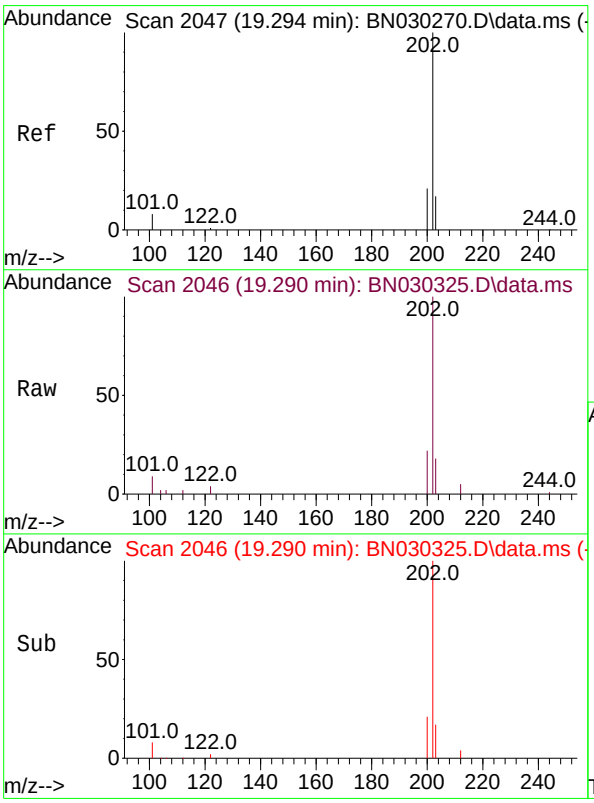
#27
Fluoranthene-d10
Concen: 0.257 ng
RT: 19.262 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:212 Resp: 4634

Ion	Ratio	Lower	Upper
212	100		
106	10.6	8.2	12.4
104	6.4	4.7	7.1

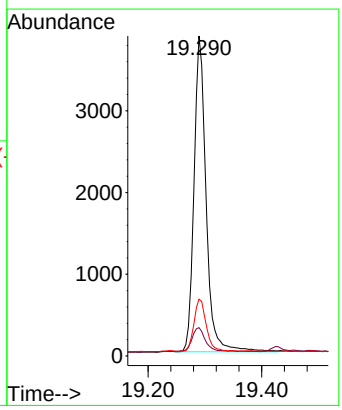


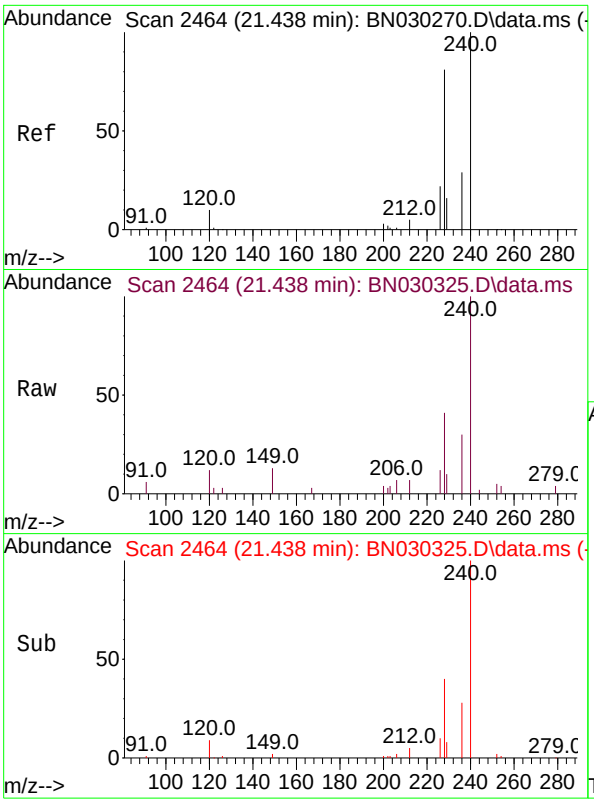


#28
Fluoranthene
Concen: 0.249 ng
RT: 19.290 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:202 Resp: 5697

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.3	9.5
203	16.6	13.4	20.0



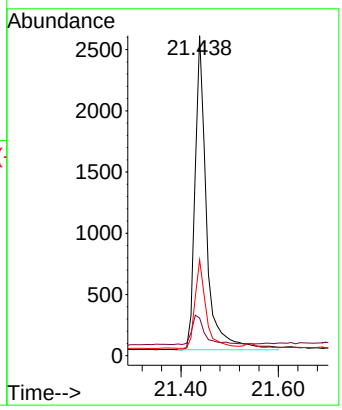


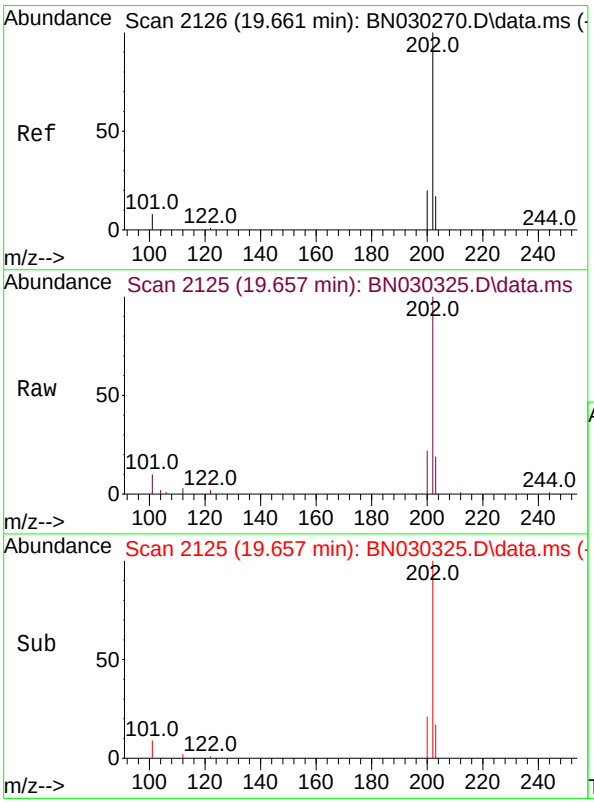
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:240 Resp: 4212

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.2	18.2#
236	29.9	25.2	37.8

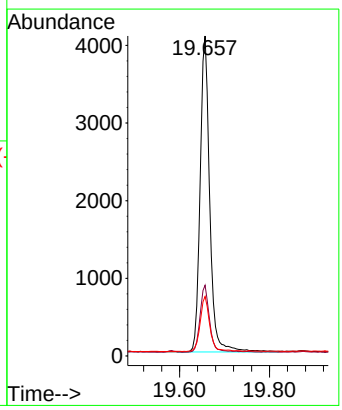


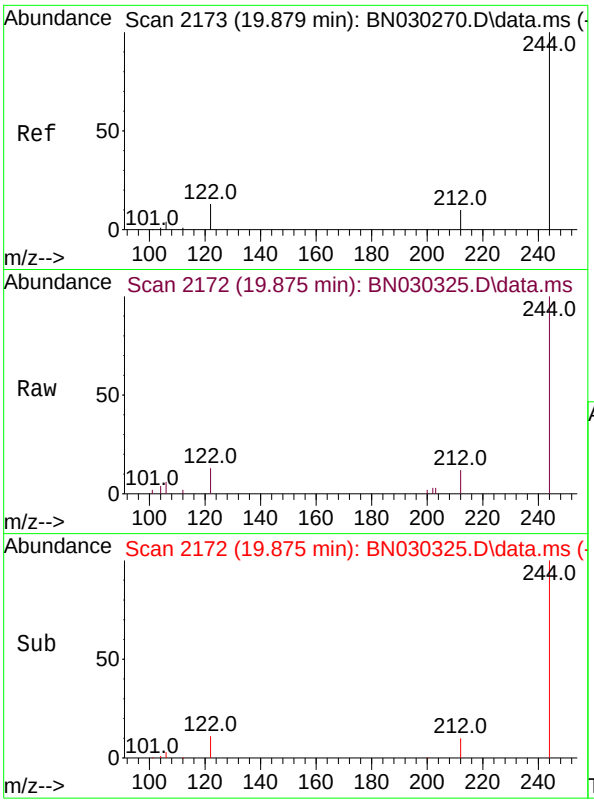


#30
Pyrene
Concen: 0.341 ng
RT: 19.657 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:202 Resp: 6036

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.4	14.1	21.1



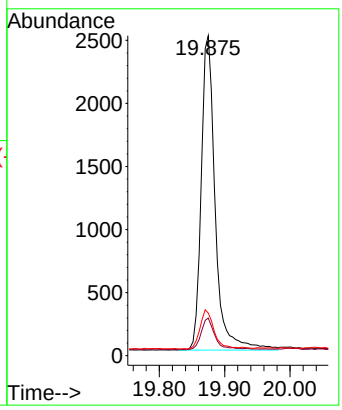


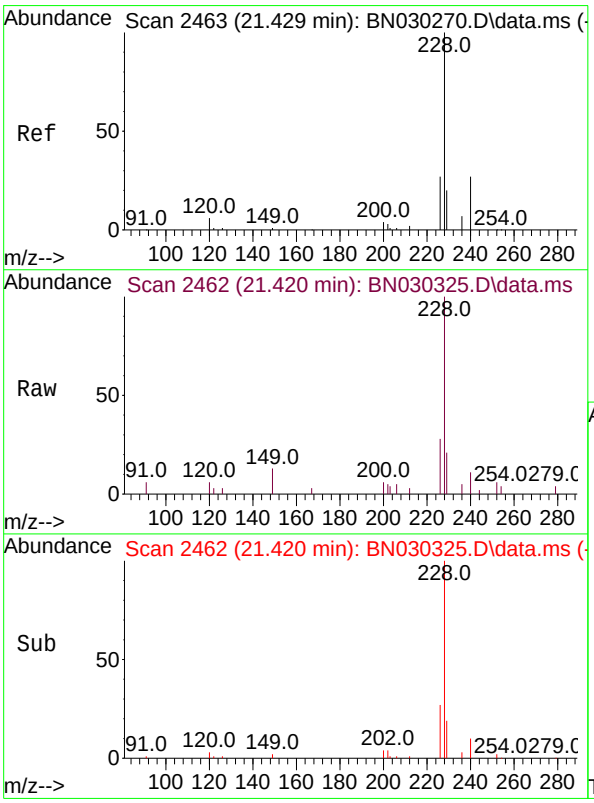
#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.875 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:244 Resp: 3695

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.5	14.3
122	13.3	11.8	17.6

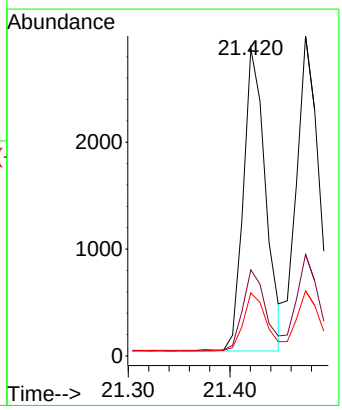


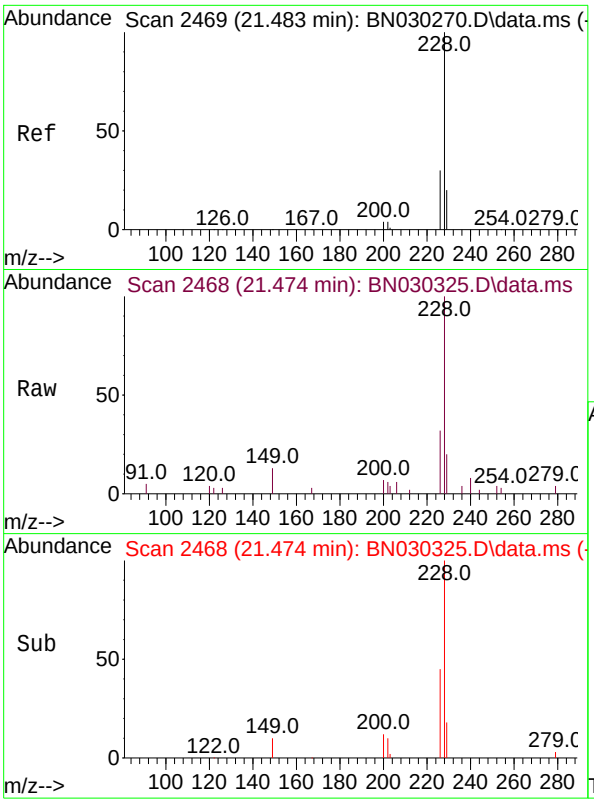


#32
Benzo(a)anthracene
Concen: 0.291 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:228 Resp: 4295

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.1	34.7
229	20.5	17.0	25.4



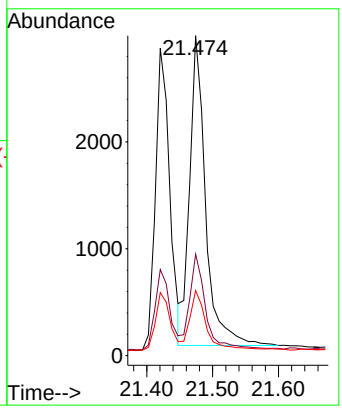


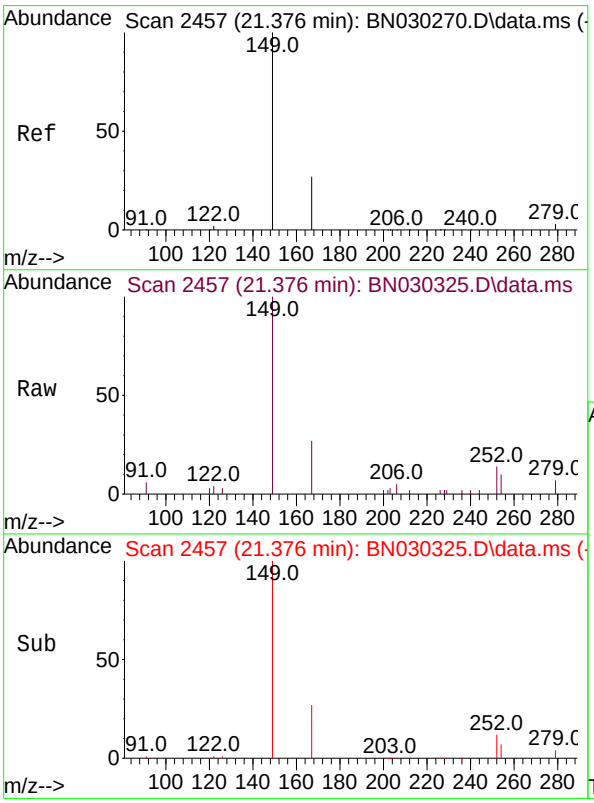
#33
Chrysene
Concen: 0.305 ng
RT: 21.474 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:228 Resp: 4880

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	20.3	17.3	25.9

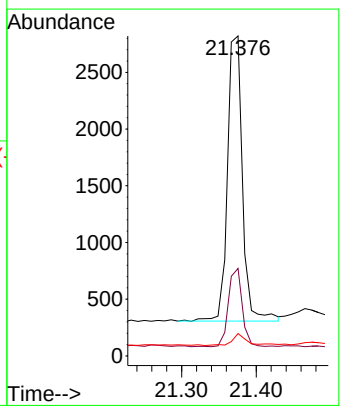


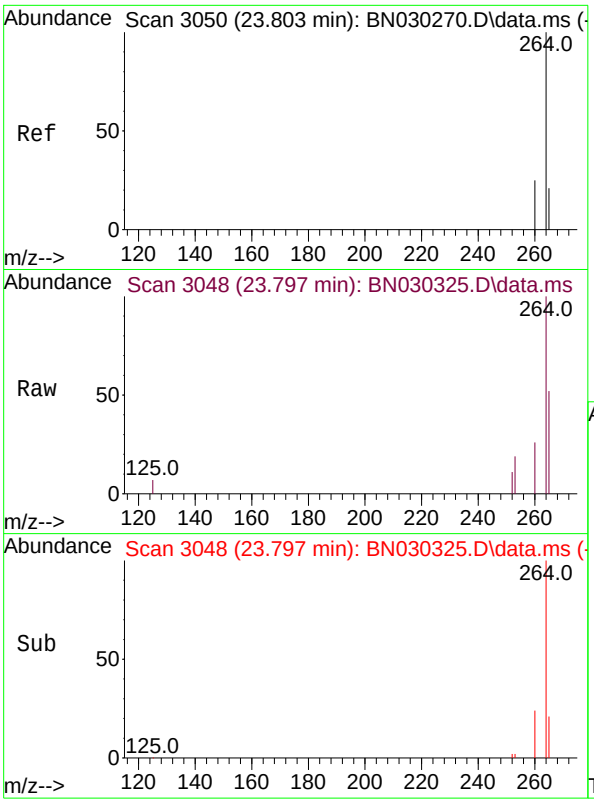


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.298 ng
RT: 21.376 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:149 Resp: 3510

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.6	30.8
279	4.2	4.0	6.0



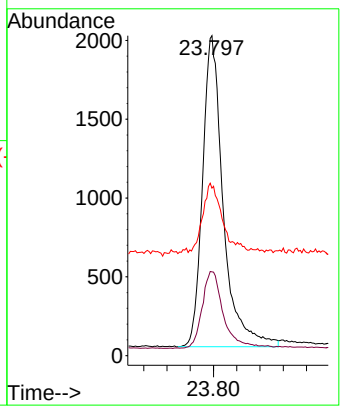


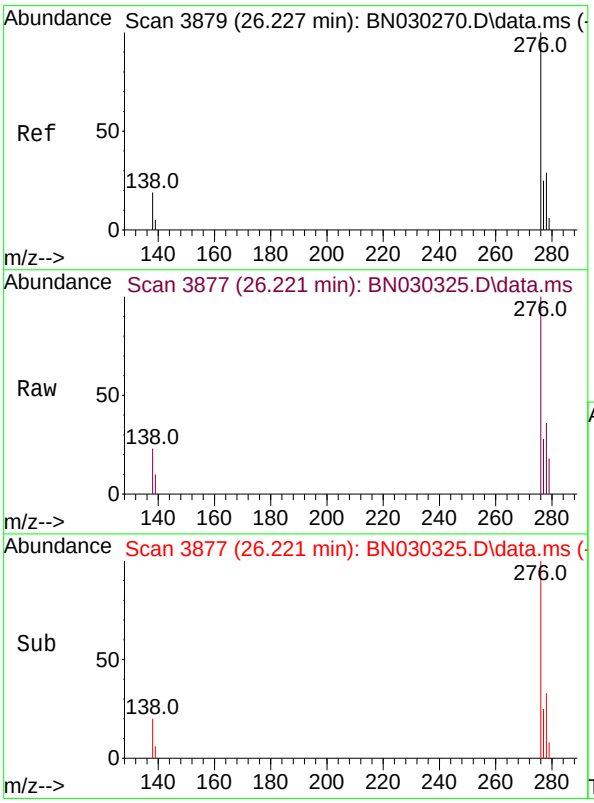
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.797 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:264 Resp: 4870

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.7	32.5
265	52.4	50.8	76.2

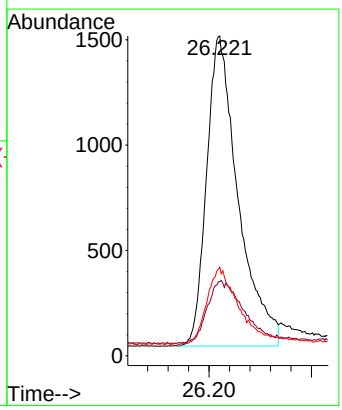


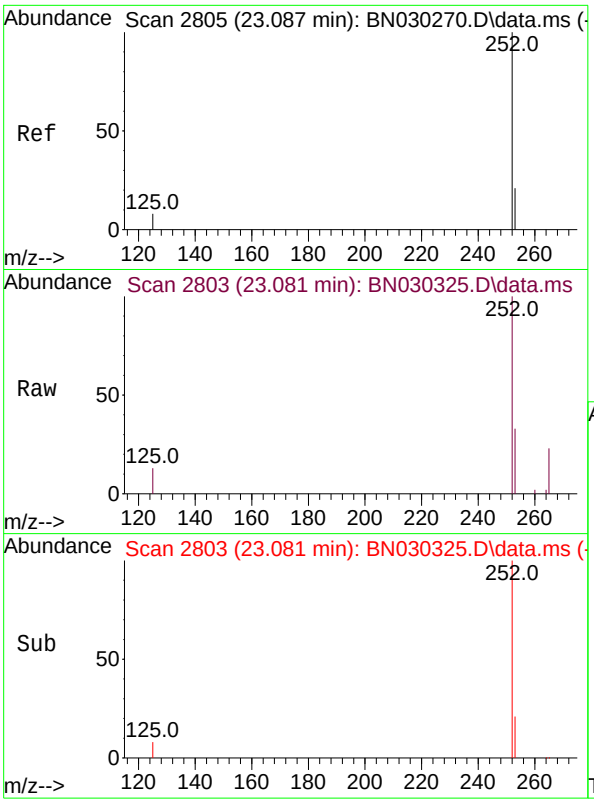


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng
RT: 26.221 min Scan# 3877
Delta R.T. -0.006 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:276 Resp: 6301

Ion	Ratio	Lower	Upper
276	100		
138	10.7	17.4	26.2#
277	24.8	18.9	28.3



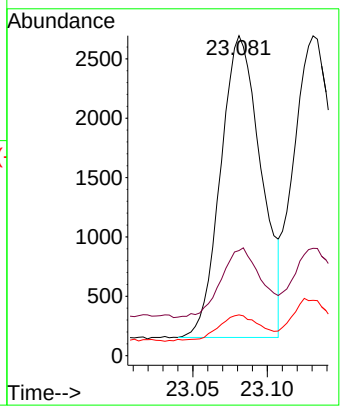


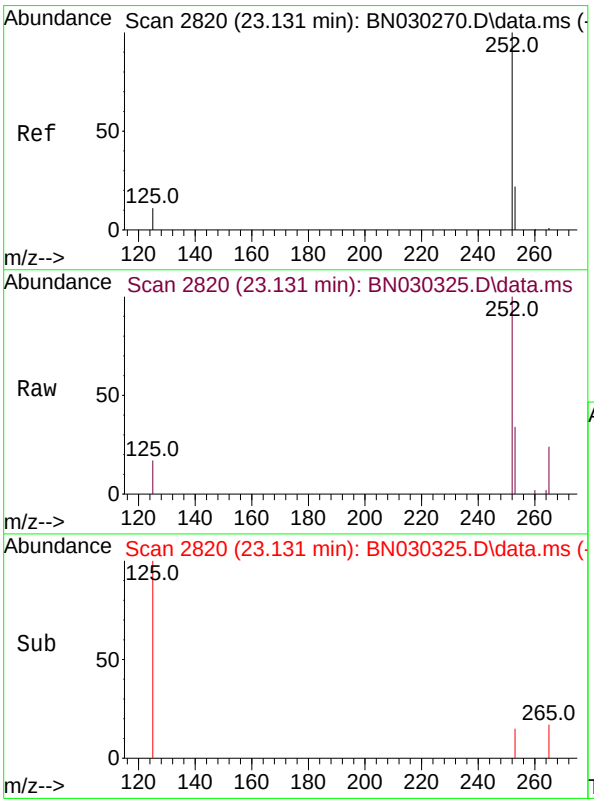
#37
Benzo(b)fluoranthene
Concen: 0.282 ng
RT: 23.081 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:252 Resp: 4800

Ion	Ratio	Lower	Upper
252	100		
253	32.8	25.4	38.0
125	12.7	10.0	15.0

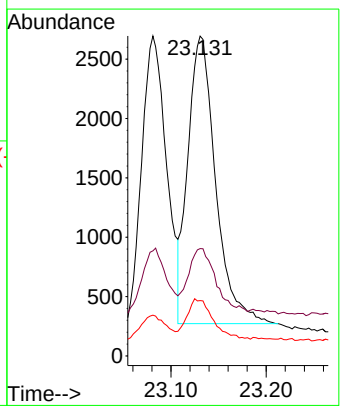


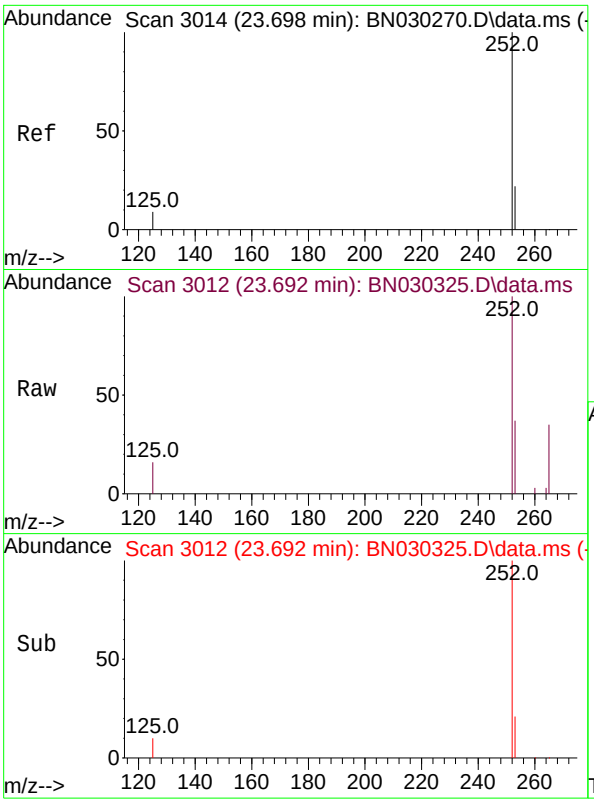


#38
Benzo(k)fluoranthene
Concen: 0.283 ng
RT: 23.131 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:252 Resp: 4901

Ion	Ratio	Lower	Upper
252	100		
253	33.6	25.7	38.5
125	17.3	11.5	17.3#



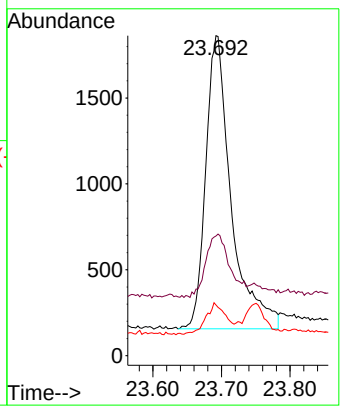


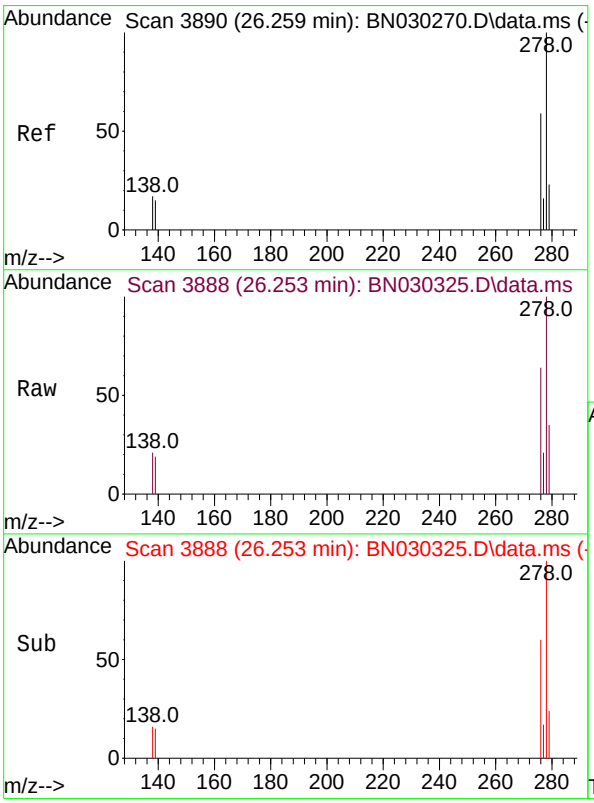
#39
Benzo(a)pyrene
Concen: 0.293 ng
RT: 23.692 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:252 Resp: 4403

Ion	Ratio	Lower	Upper
252	100		
253	37.4	30.8	46.2
125	15.8	12.5	18.7

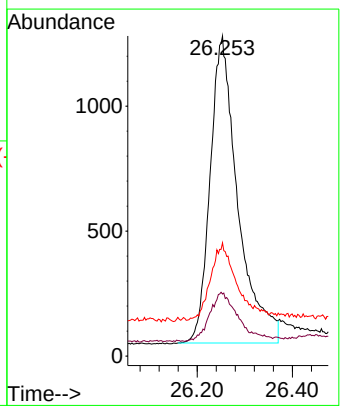


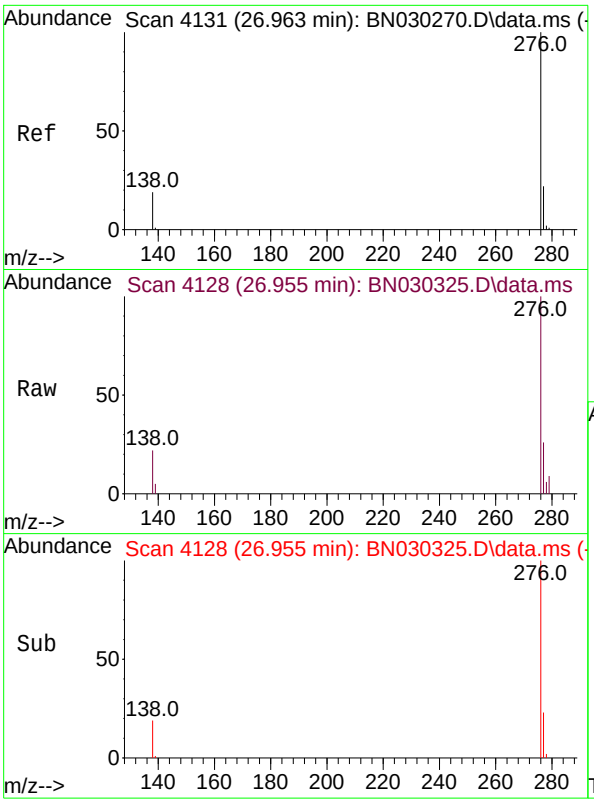


#40
Dibenzo(a,h)anthracene
Concen: 0.310 ng
RT: 26.253 min Scan# 3888
Delta R.T. -0.006 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Tgt Ion:278 Resp: 4973

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.5	23.3
279	35.4	27.3	40.9





#41
Benzo(g,h,i)perylene
Concen: 0.309 ng
RT: 26.955 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN030325.D
Acq: 07 Mar 2024 14:19

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Tgt Ion:276 Resp: 5710

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.6	30.8
138	22.2	18.2	27.4