Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030942.D
Acq On : 15 Apr 2024 17:07
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Quant Time: Apr 15 17:33:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	3947	0.400	ng		0.00
7) Naphthalene-d8	10.432	136	11881	0.400	ng		0.00
13) Acenaphthene-d10	14.295	164	6834	0.400	ng		0.00
19) Phenanthrene-d10	17.040	188	16129	0.400	ng		0.00
29) Chrysene-d12	21.240	240	13859	0.400	ng		0.00
35) Perylene-d12	23.463	264	13030	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	3307	0.376	ng		0.00
5) Phenol-d6	6.823	99	3828	0.359	ng		0.00
8) Nitrobenzene-d5	8.798	82	3019	0.367	ng		0.00
11) 2-Methylnaphthalene-d10	12.024	152	6999	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	905	0.341	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	9207	0.401	ng		0.00
27) Fluoranthene-d10	19.080	212	15723	0.362	ng		0.00
31) Terphenyl-d14	19.683	244	12270	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	1898	0.391	ng		97
3) n-Nitrosodimethylamine	3.501	42	1713	0.377	ng		97
6) bis(2-Chloroethyl)ether	7.083	93	3872	0.368	ng		100
9) Naphthalene	10.474	128	12749	0.389	ng		100
10) Hexachlorobutadiene	10.752	225	2616	0.398	ng	#	99
12) 2-Methylnaphthalene	12.100	142	8244	0.379	ng		99
16) Acenaphthylene	14.006	152	10863	0.361	ng		100
17) Acenaphthene	14.348	154	8157	0.384	ng		100
18) Fluorene	15.343	166	10725	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.428	198	688	0.384	ng		96
21) 4-Bromophenyl-phenylether	16.234	248	3560	0.372	ng		97
22) Hexachlorobenzene	16.345	284	4241	0.379	ng		99
23) Atrazine	16.519	200	2365	0.341	ng	#	89
24) Pentachlorophenol	16.693	266	1144	0.385	ng		99
25) Phenanthrene	17.078	178	17705	0.372	ng		100
26) Anthracene	17.177	178	13673	0.347	ng		99
28) Fluoranthene	19.107	202	20467	0.358	ng		99
30) Pyrene	19.474	202	20610	0.383	ng		100
32) Benzo(a)anthracene	21.222	228	17196	0.356	ng		99
33) Chrysene	21.276	228	20183	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.160	149	7392	0.334	ng		100
36) Indeno(1,2,3-cd)pyrene	25.694	276	22032	0.364	ng		100
37) Benzo(b)fluoranthene	22.793	252	20457	0.380	ng		100
38) Benzo(k)fluoranthene	22.840	252	19836	0.377	ng		100
39) Benzo(a)pyrene	23.364	252	15531	0.347	ng		100
40) Dibenzo(a,h)anthracene	25.711	278	17787	0.367	ng		100
41) Benzo(g,h,i)perylene	26.378	276	20241	0.379	ng		99

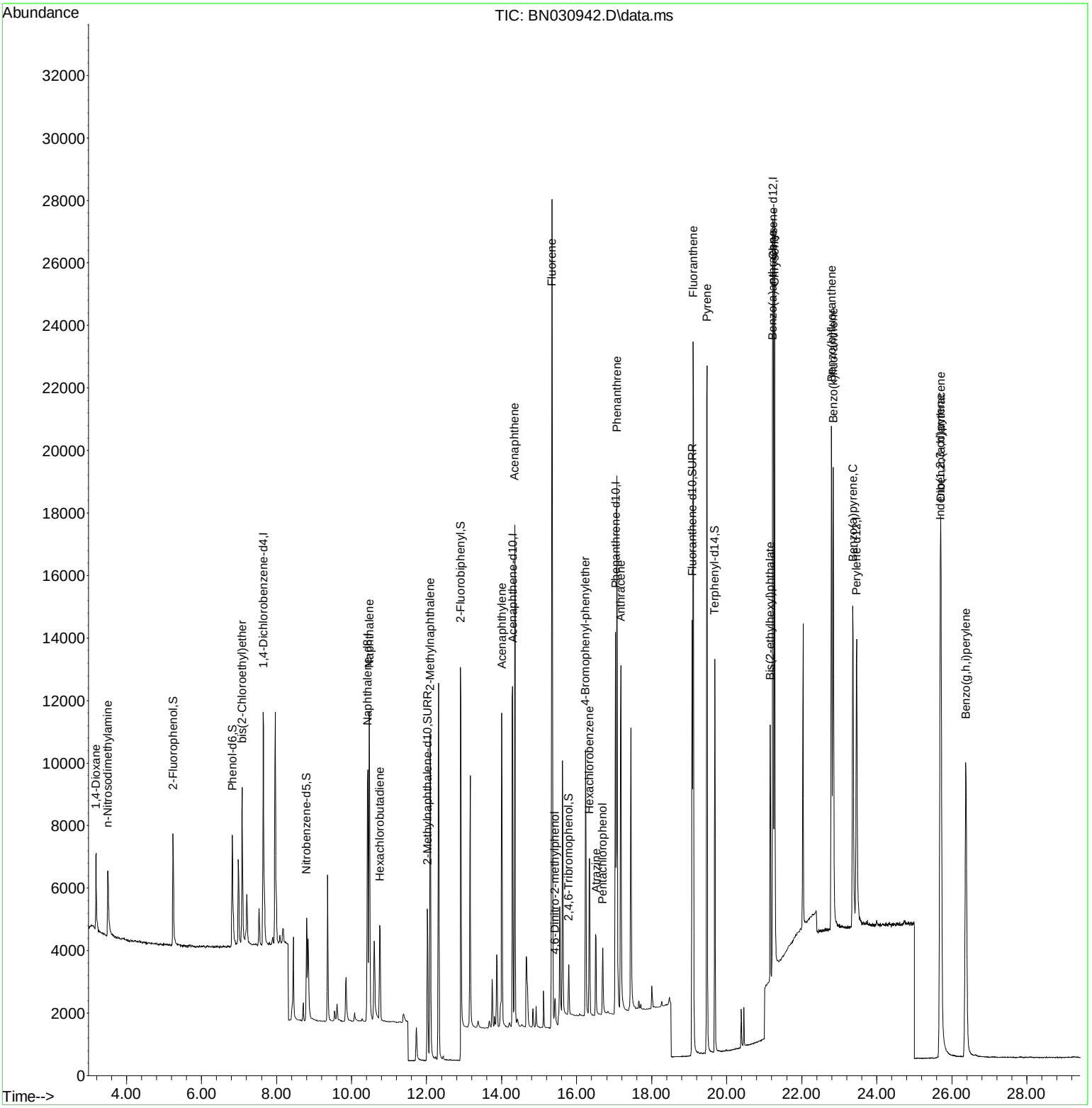
(#) = qualifier out of range (m) = manual integration (+) = signals summed

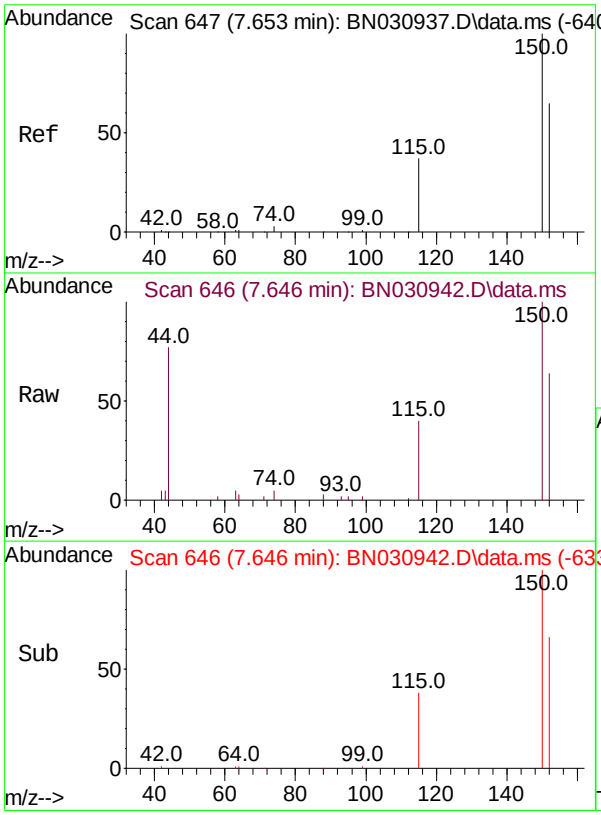
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030942.D
Acq On : 15 Apr 2024 17:07
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Quant Time: Apr 15 17:33:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration



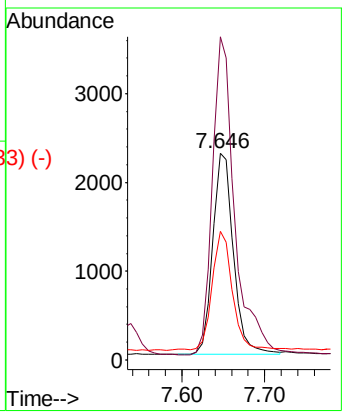


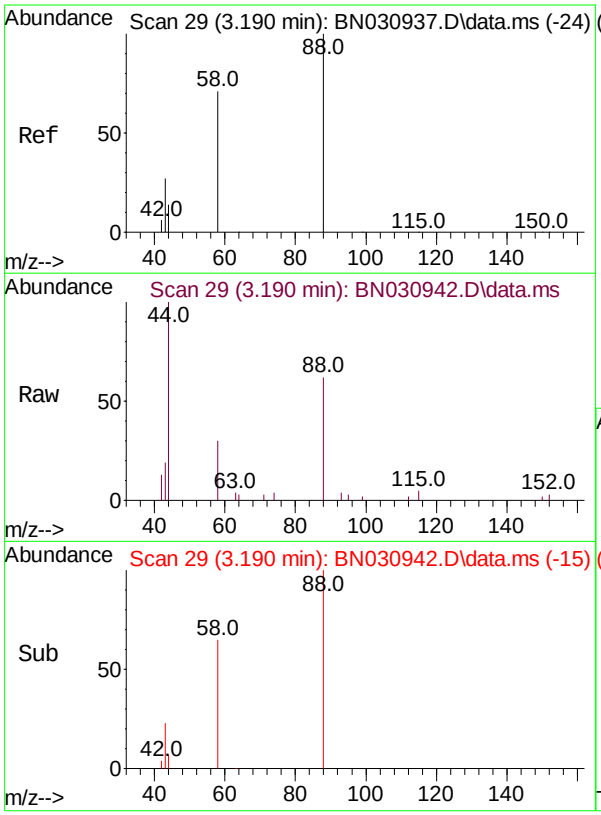
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:152 Resp: 3947

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.7	182.5
115	62.1	47.8	71.8

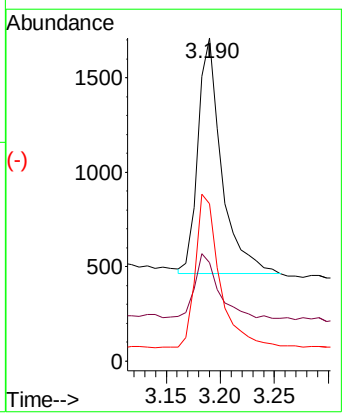


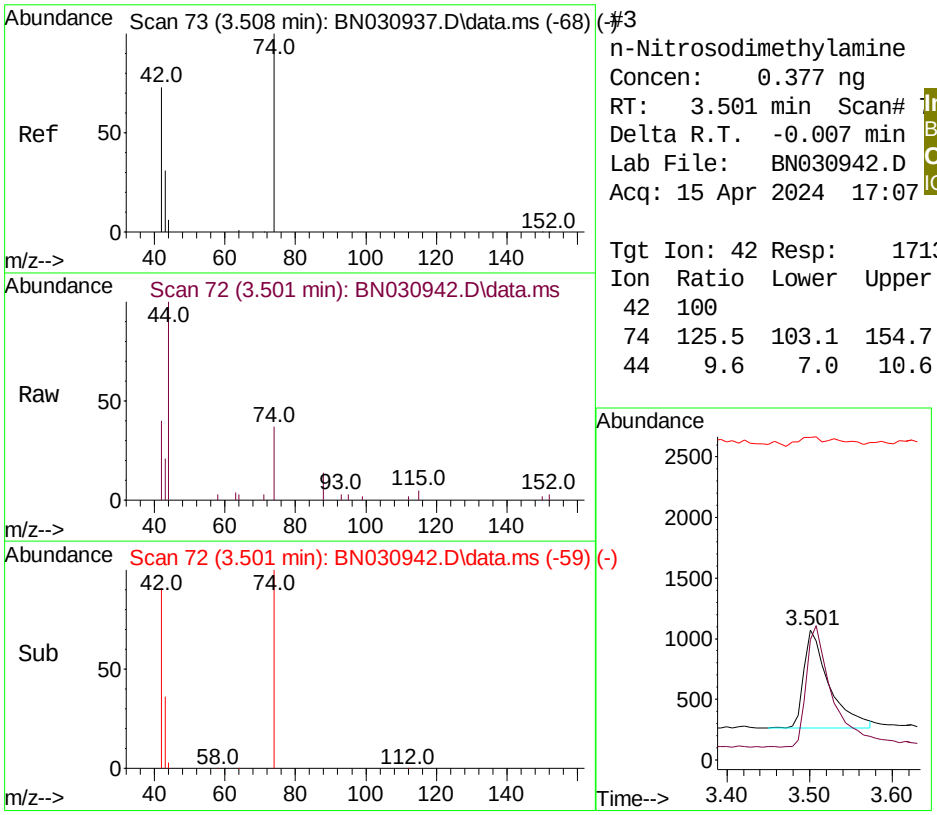


#2
1,4-Dioxane
Concen: 0.391 ng
RT: 3.190 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion: 88 Resp: 1898

Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.7	35.5
58	67.7	55.7	83.5



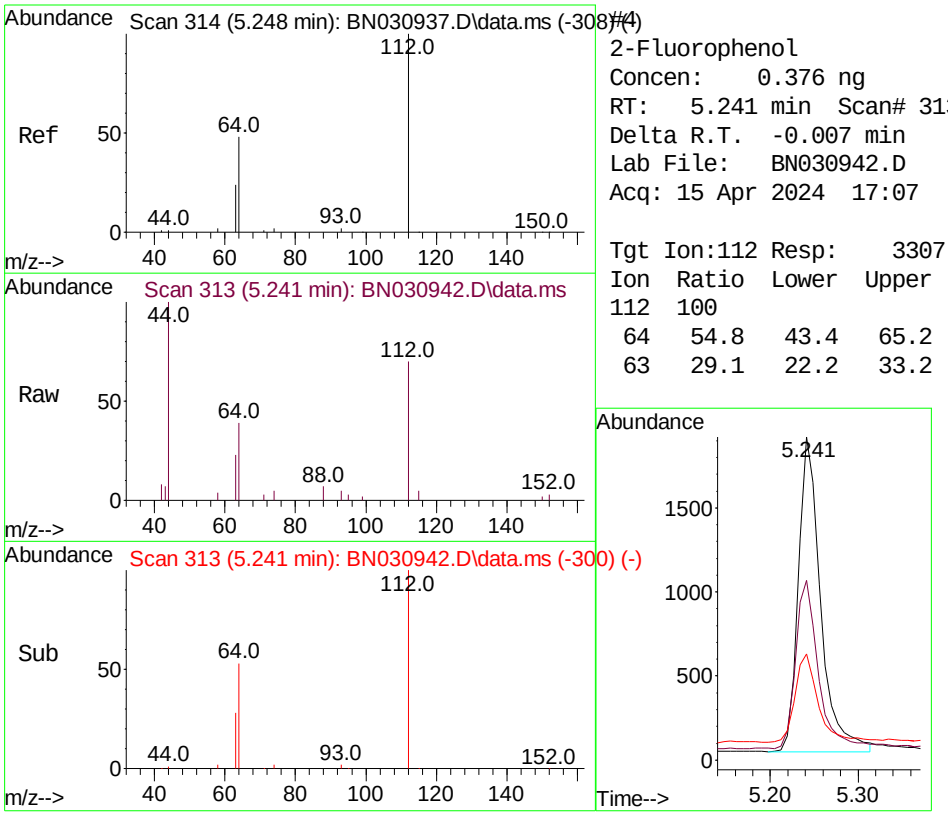


#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.501 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion: 42 Resp: 1713

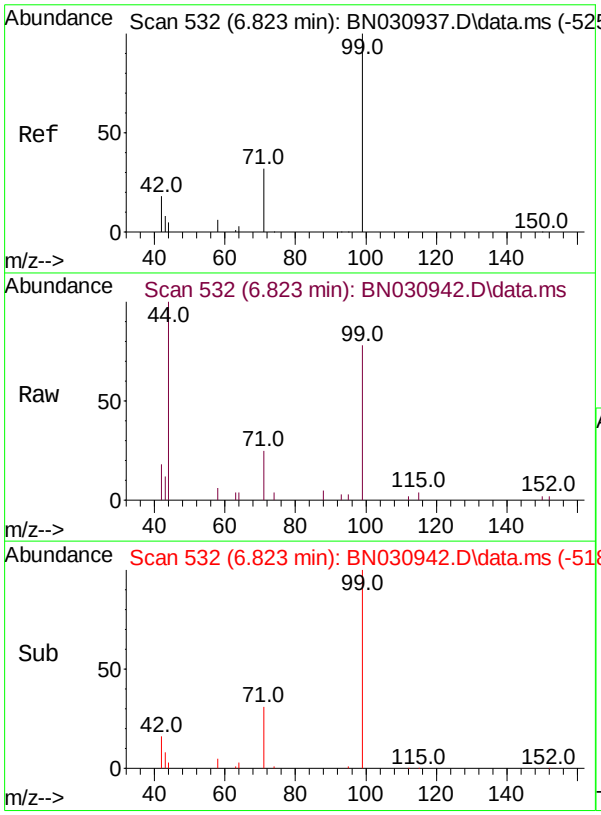
Ion	Ratio	Lower	Upper
42	100		
74	125.5	103.1	154.7
44	9.6	7.0	10.6



#4
2-Fluorophenol
Concen: 0.376 ng
RT: 5.241 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:112 Resp: 3307

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.4	65.2
63	29.1	22.2	33.2

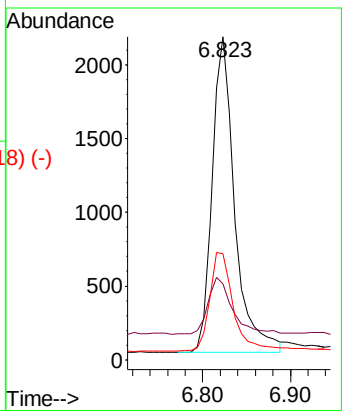


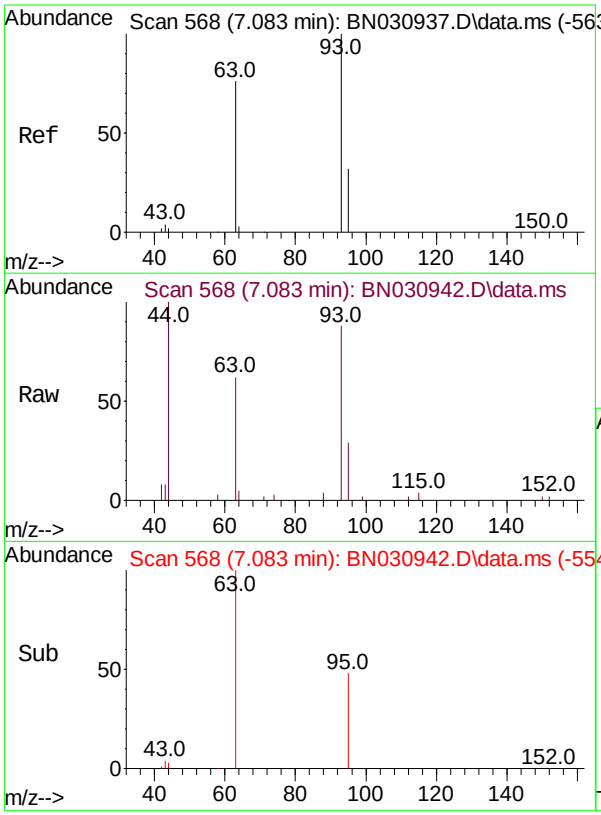
#5
Phenol-d6
Concen: 0.359 ng
RT: 6.823 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion: 99 Resp: 3828

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.4	24.6
71	32.8	26.3	39.5

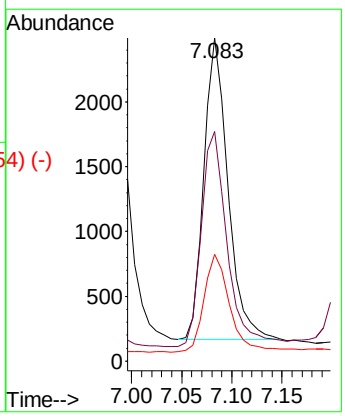


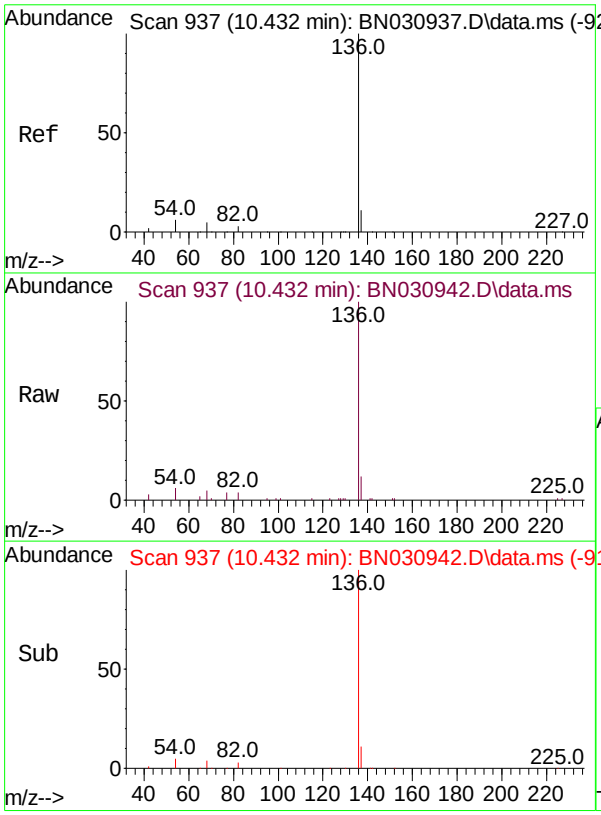


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.083 min Scan# 568
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion: 93 Resp: 3872

Ion	Ratio	Lower	Upper
93	100		
63	77.0	61.8	92.8
95	34.5	27.4	41.0



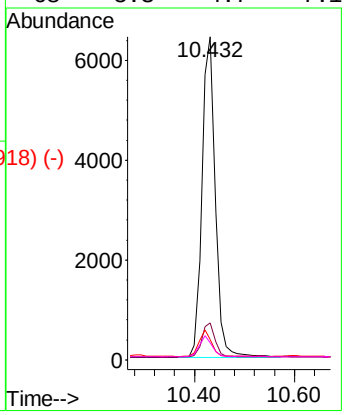


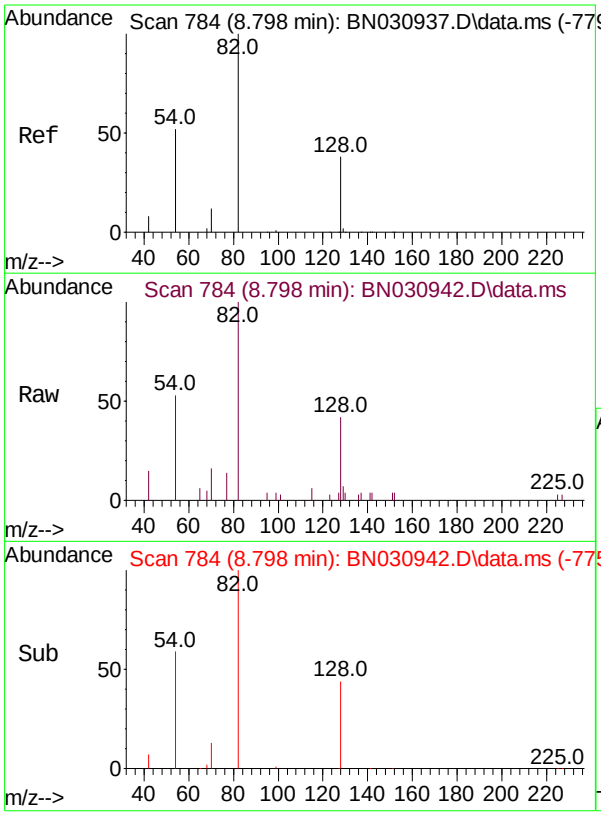
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:136 Resp: 11881

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.0
54	6.4	5.3	7.9
68	5.3	4.7	7.1

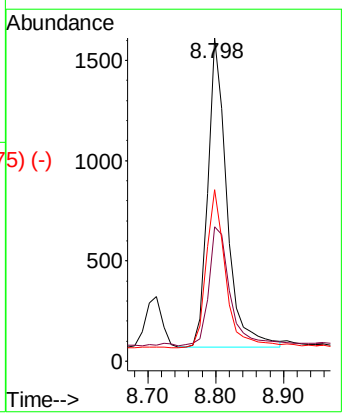


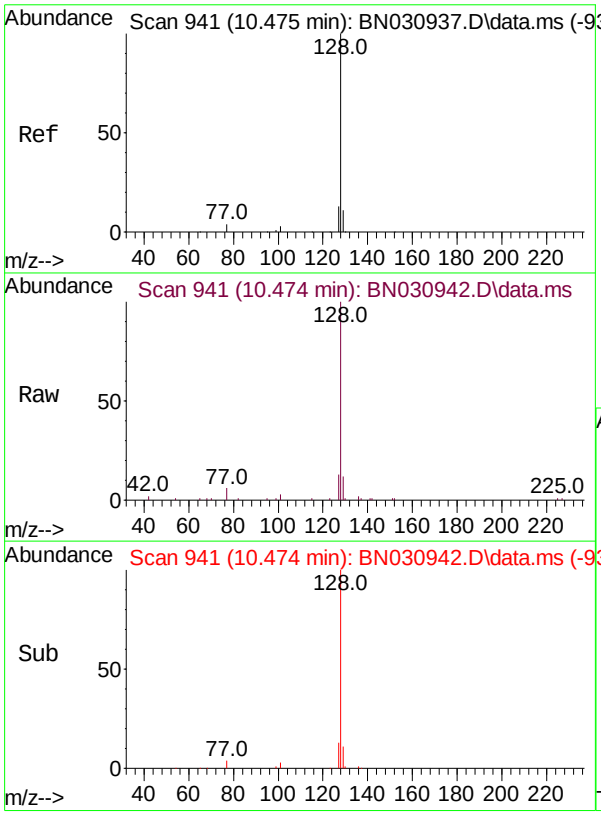


#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion: 82 Resp: 3019

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.7	50.5
54	53.0	43.7	65.5



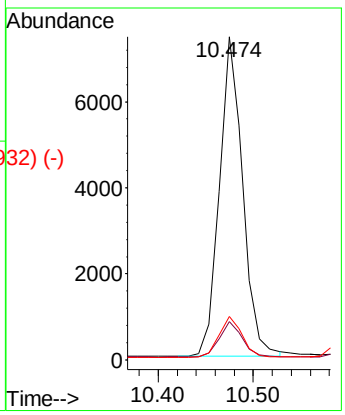


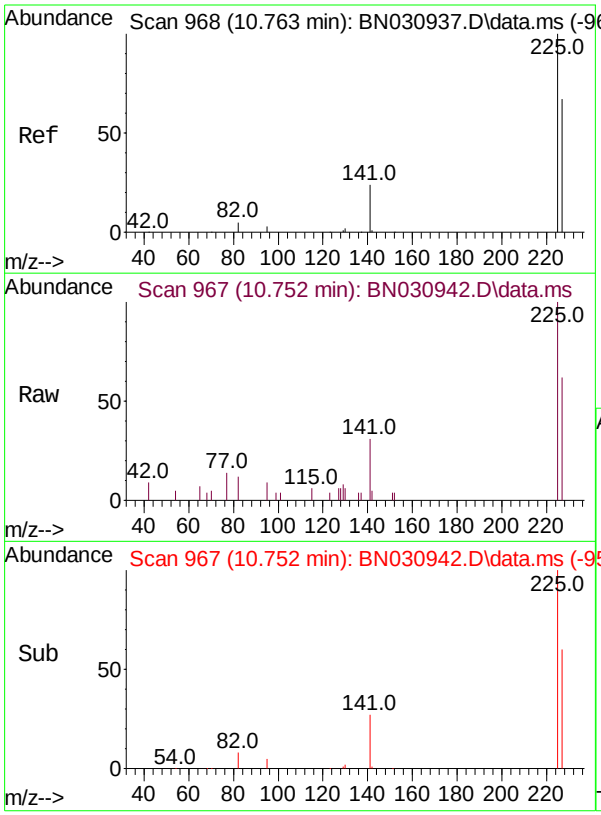
#9
Naphthalene
Concen: 0.389 ng
RT: 10.474 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:128 Resp: 12749

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	13.4	10.9	16.3

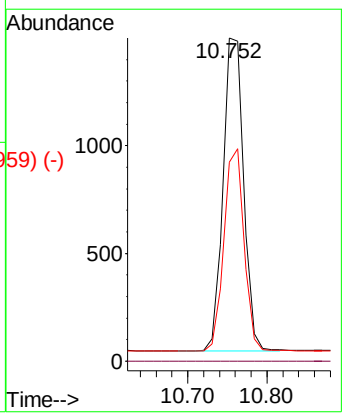


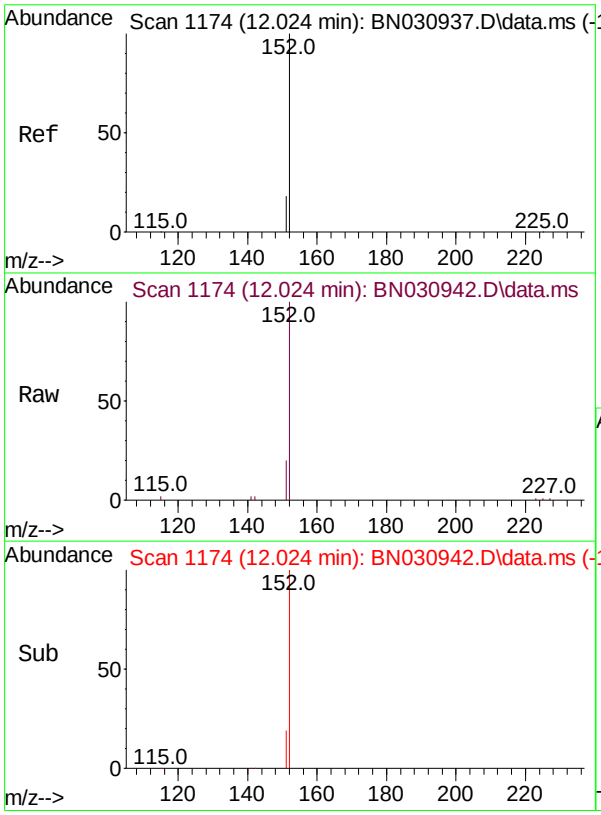


#10
Hexachlorobutadiene
Concen: 0.398 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.011 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:225 Resp: 2616

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.3	76.9



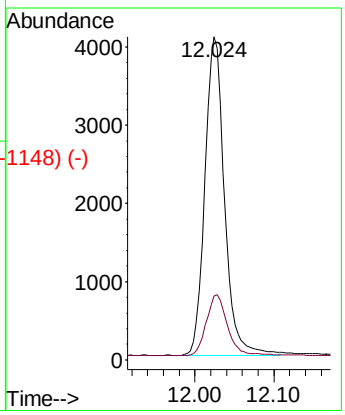


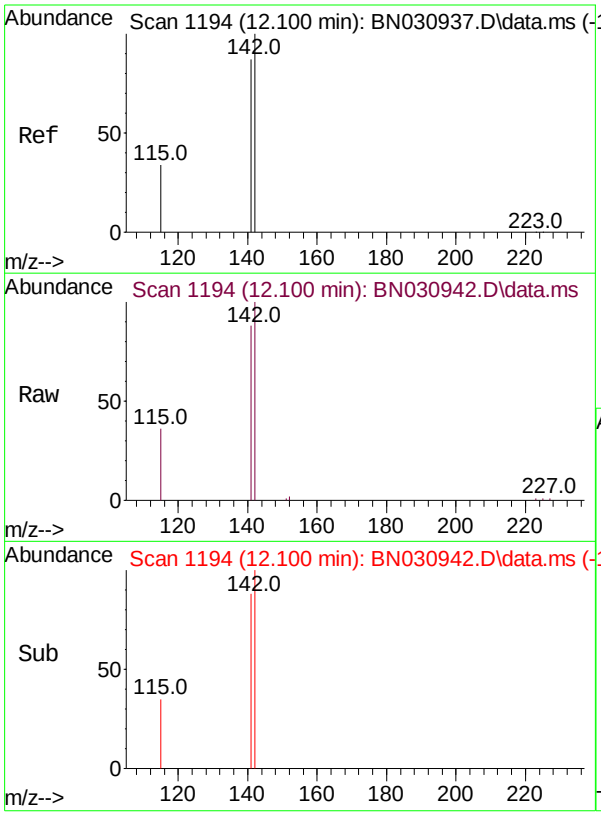
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:152 Resp: 6999

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

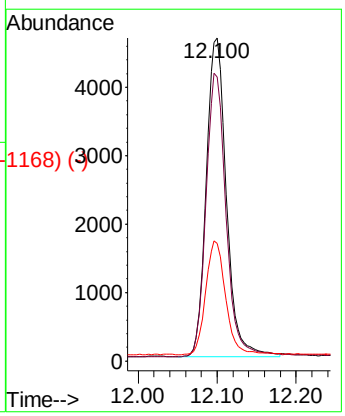


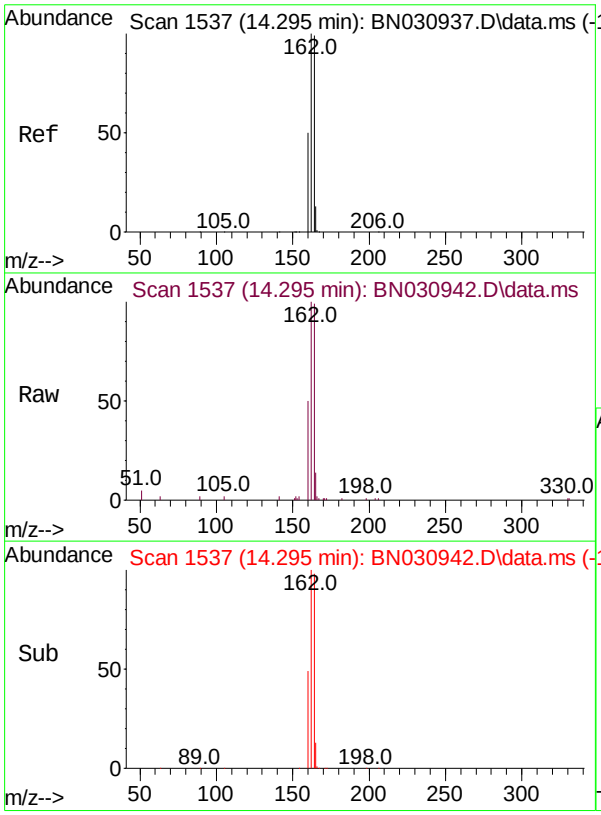


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.100 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:142 Resp: 8244

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.8	104.8
115	36.4	28.3	42.5



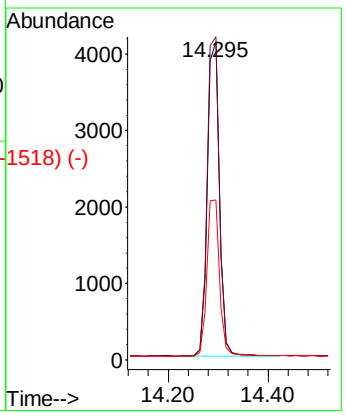


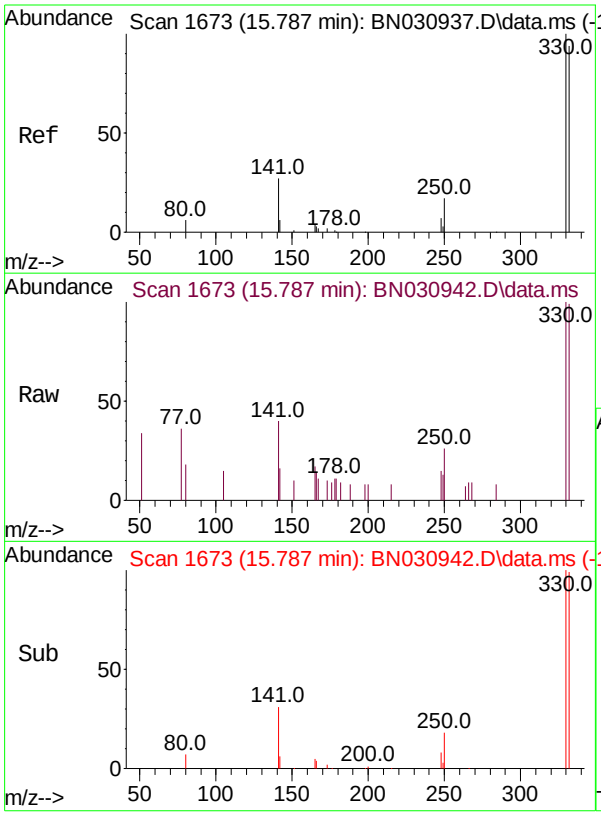
#10
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.295 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:164 Resp: 6834

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	121.0
160	50.3	40.7	61.1

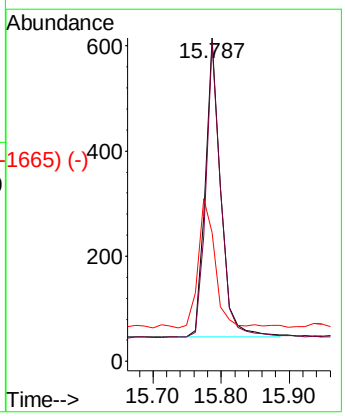


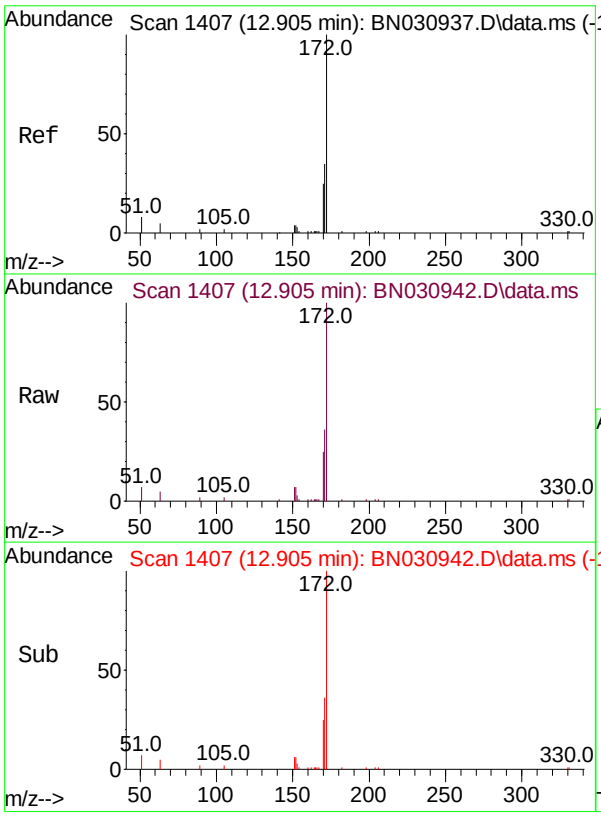


#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 15.787 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:330 Resp: 905

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.2	111.2
141	46.1	37.2	55.8



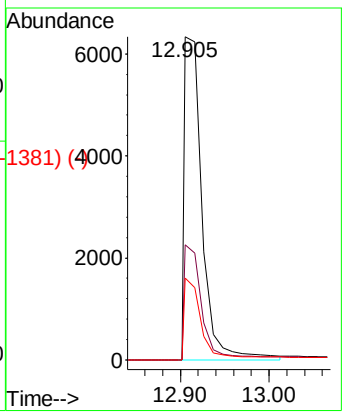


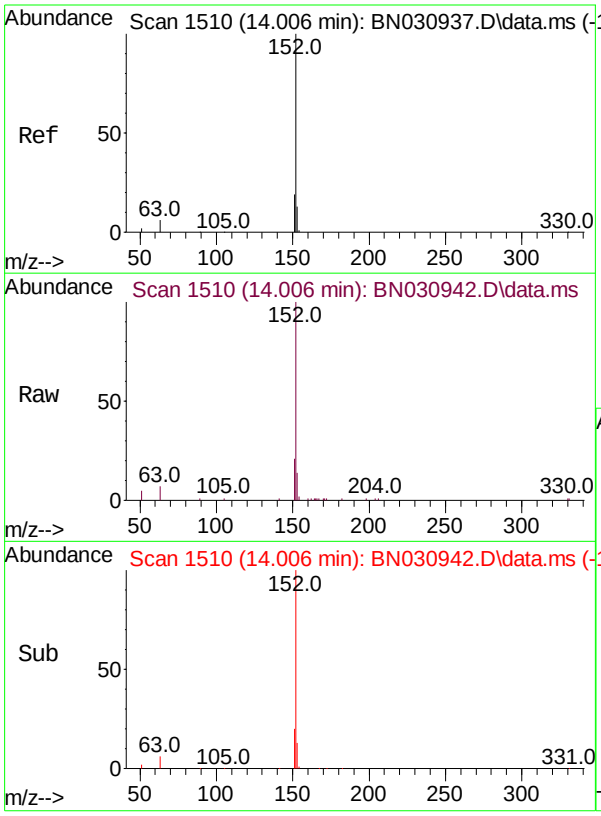
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 12.905 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:172 Resp: 9207

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	25.2	19.8	29.8

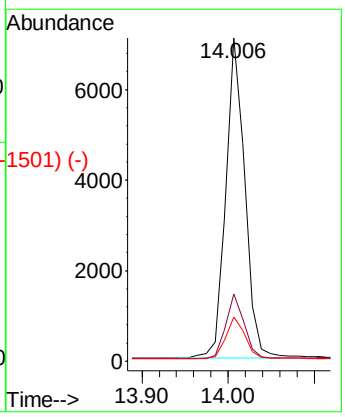


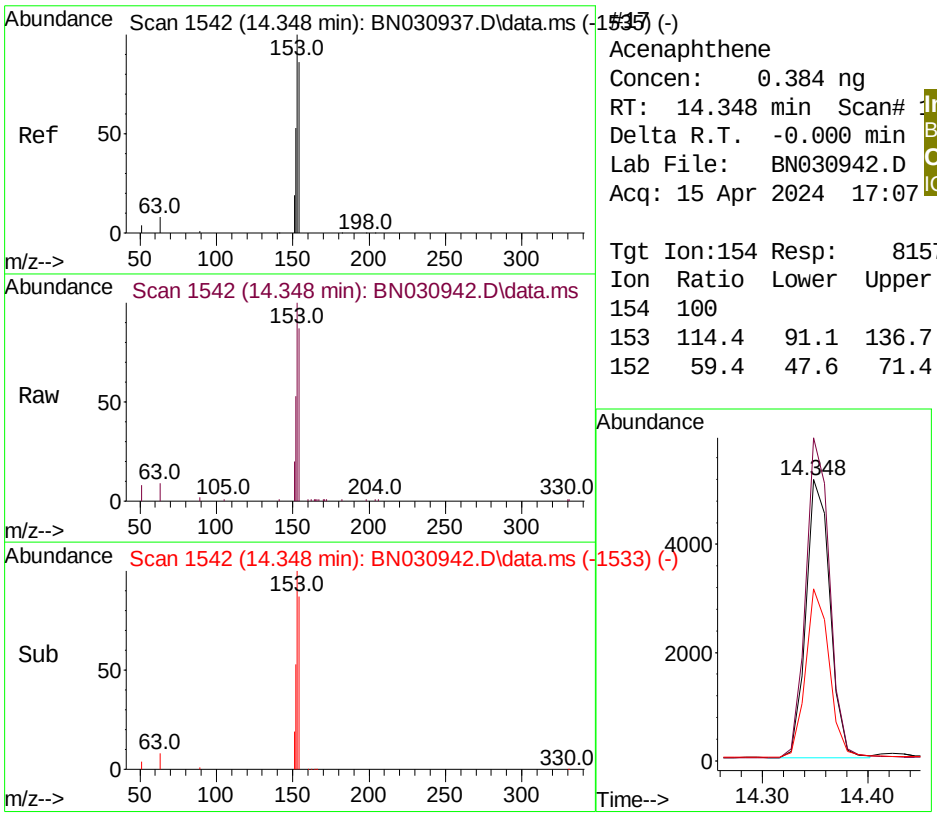


#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.006 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:152 Resp: 10863

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9
153	13.0	10.4	15.6



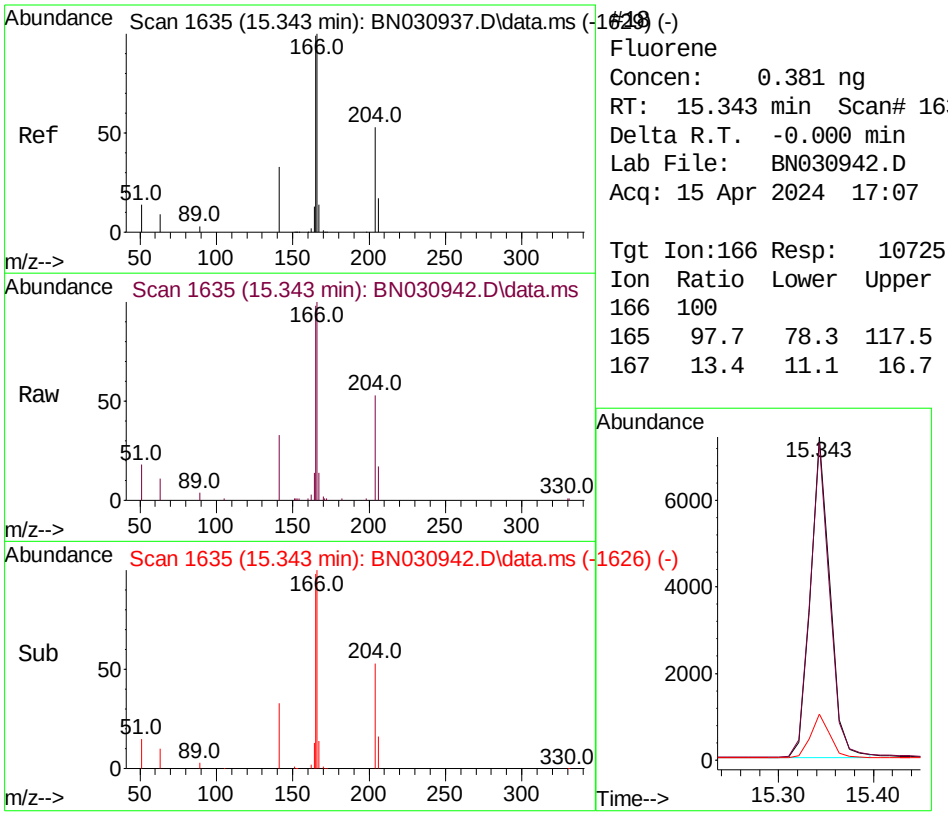


#17
Acenaphthene
Concen: 0.384 ng
RT: 14.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:154 Resp: 8157

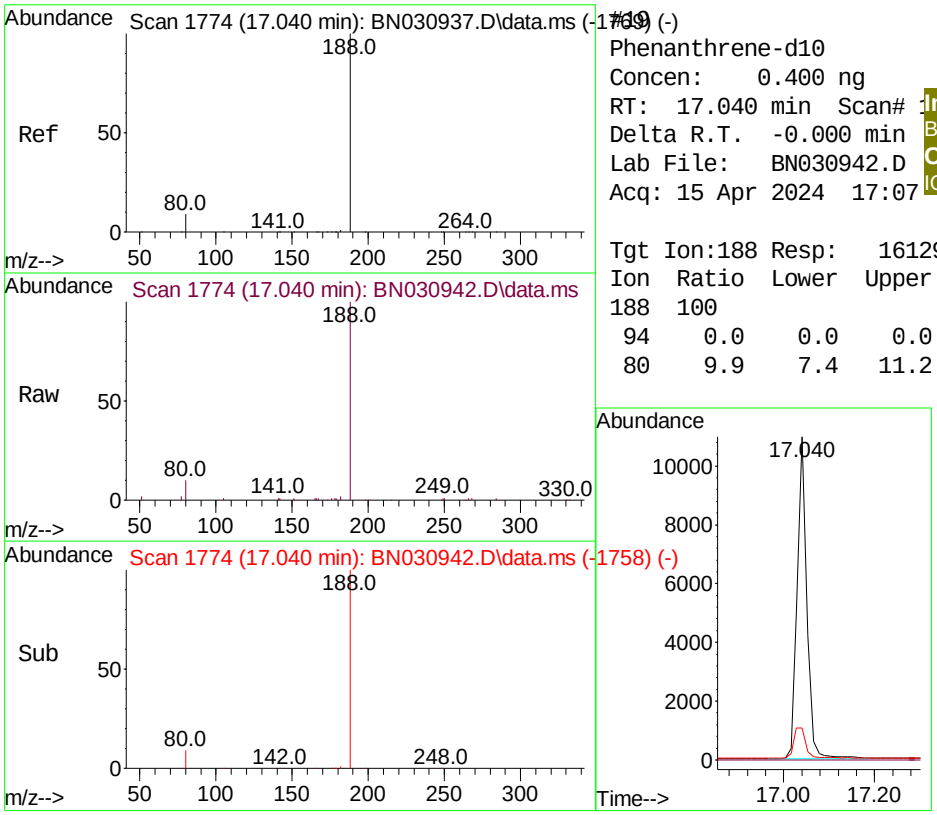
Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.1	136.7
152	59.4	47.6	71.4



#18
Fluorene
Concen: 0.381 ng
RT: 15.343 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:166 Resp: 10725

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.3	117.5
167	13.4	11.1	16.7

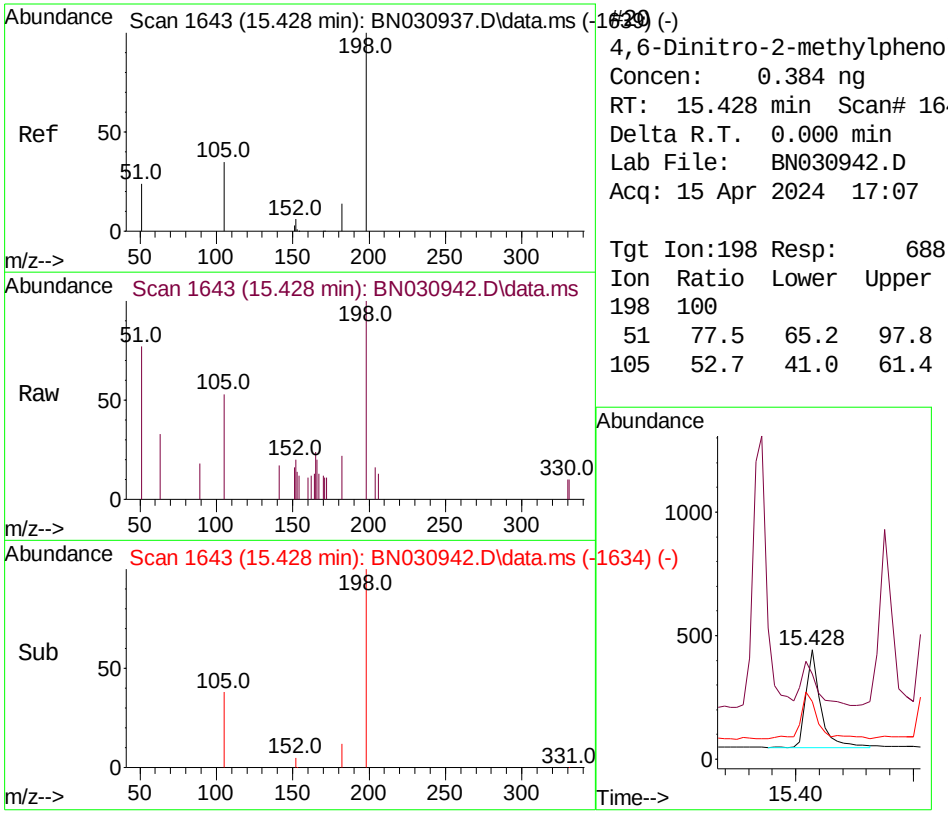


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.040 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:188 Resp: 16129

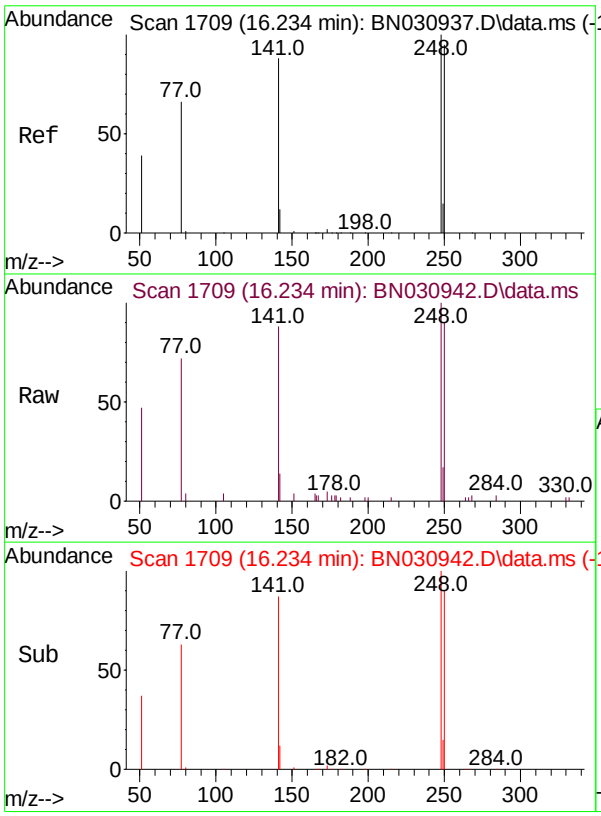
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.4	11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.384 ng
RT: 15.428 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:198 Resp: 688

Ion	Ratio	Lower	Upper
198	100		
51	77.5	65.2	97.8
105	52.7	41.0	61.4

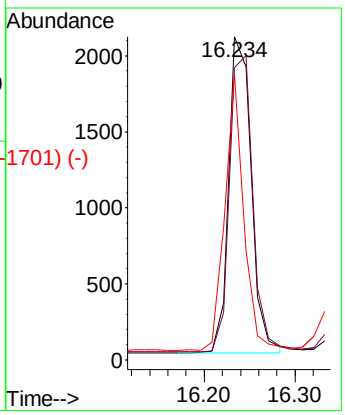


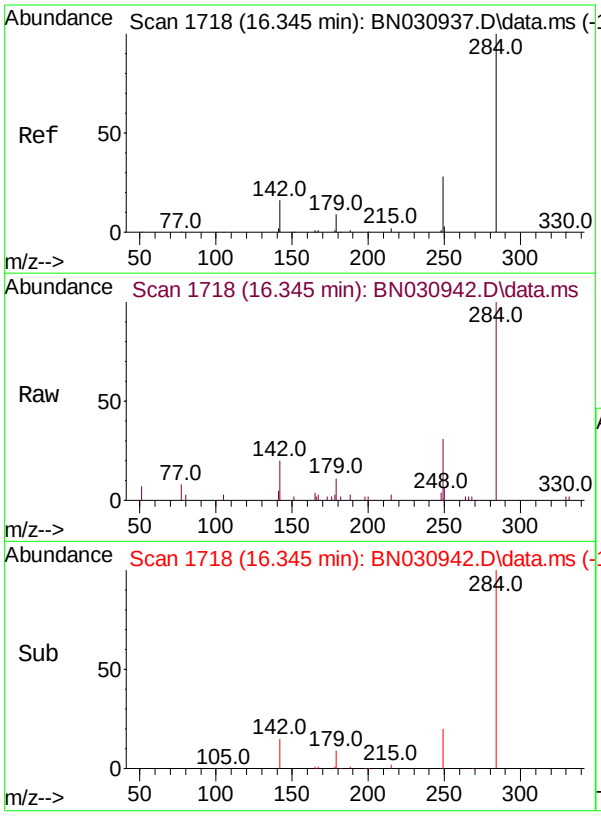
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.234 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:248 Resp: 3560

Ion	Ratio	Lower	Upper
248	100		
250	90.4	76.1	114.1
141	88.4	71.1	106.7

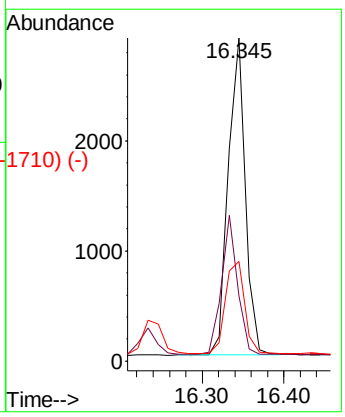


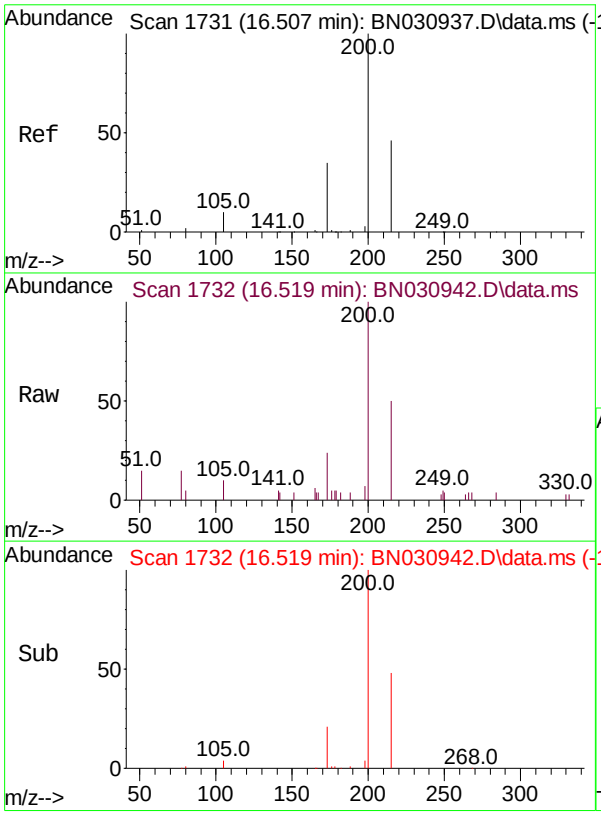


#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.345 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:284 Resp: 4241

Ion	Ratio	Lower	Upper
284	100		
142	41.0	33.0	49.4
249	32.6	25.5	38.3



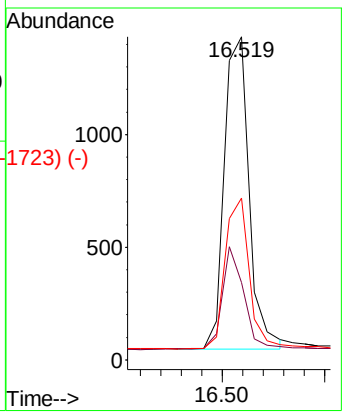


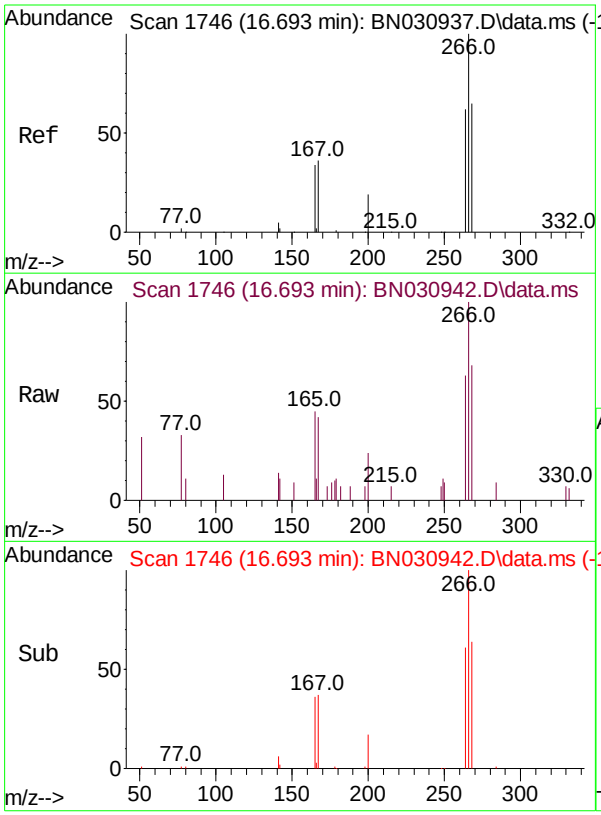
#23
Atrazine
Concen: 0.341 ng
RT: 16.519 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:200 Resp: 2365

Ion	Ratio	Lower	Upper
200	100		
173	24.0	29.9	44.9#
215	50.0	38.7	58.1

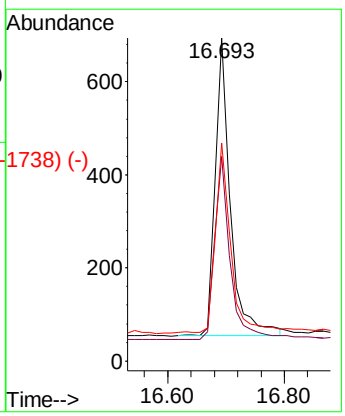


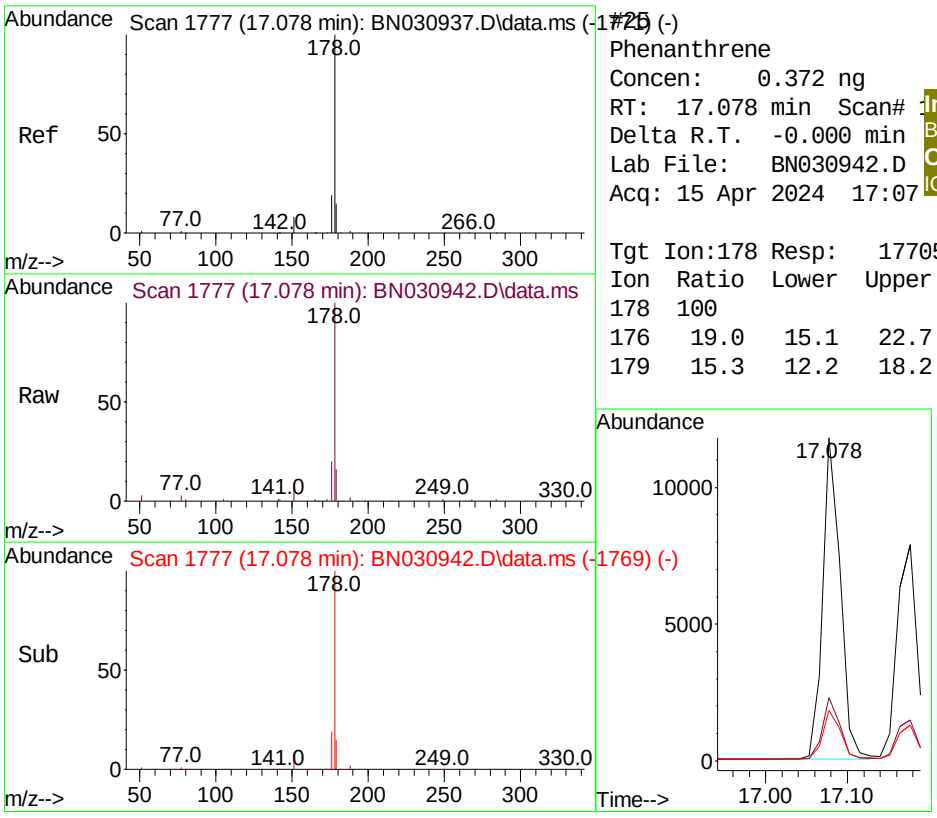


#24
Pentachlorophenol
Concen: 0.385 ng
RT: 16.693 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:266 Resp: 1144

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.2	75.2
268	64.2	52.3	78.5



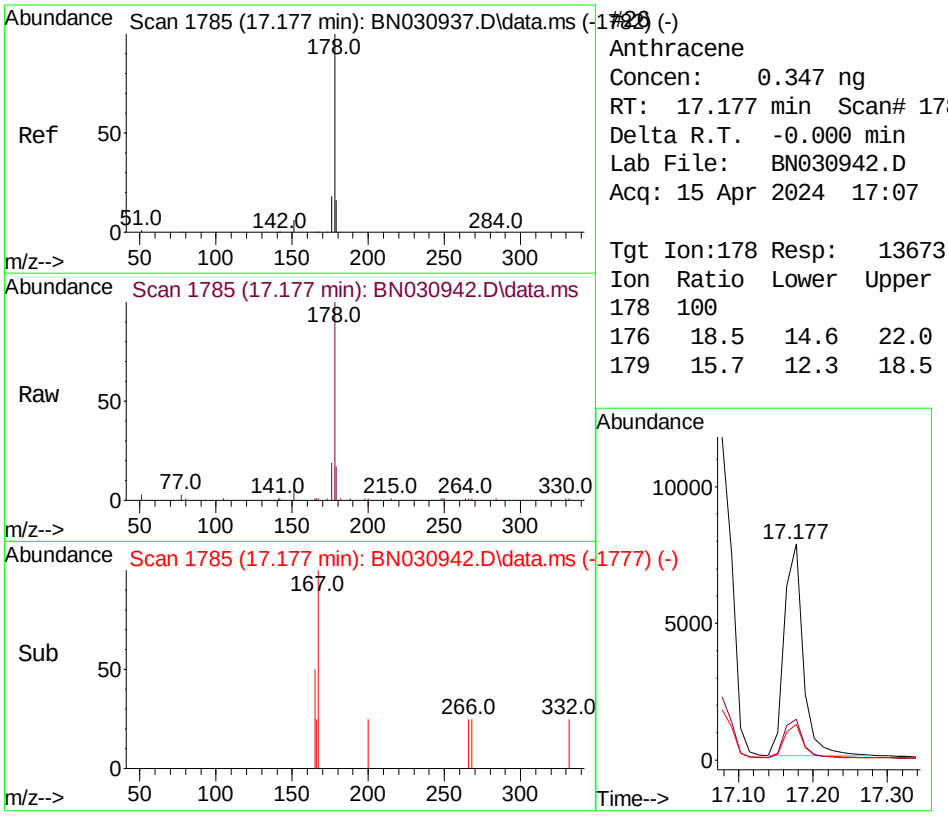


#25
Phenanthrene
Concen: 0.372 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:178 Resp: 17705

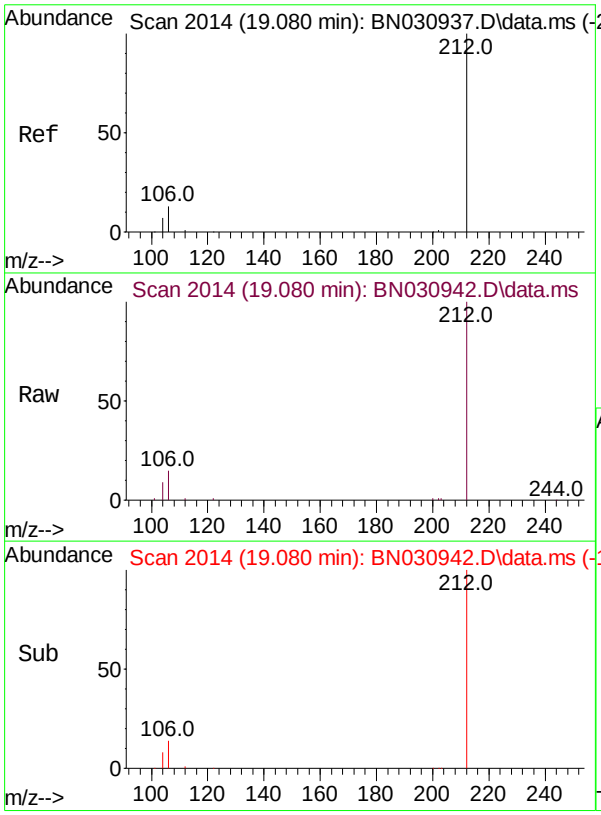
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.3	12.2	18.2



#26
Anthracene
Concen: 0.347 ng
RT: 17.177 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:178 Resp: 13673

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.7	12.3	18.5

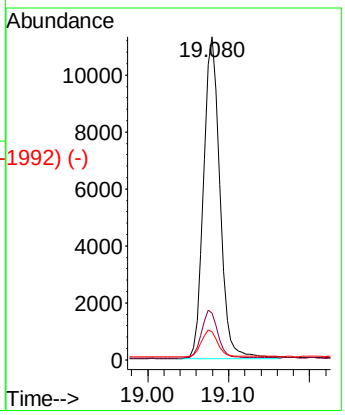


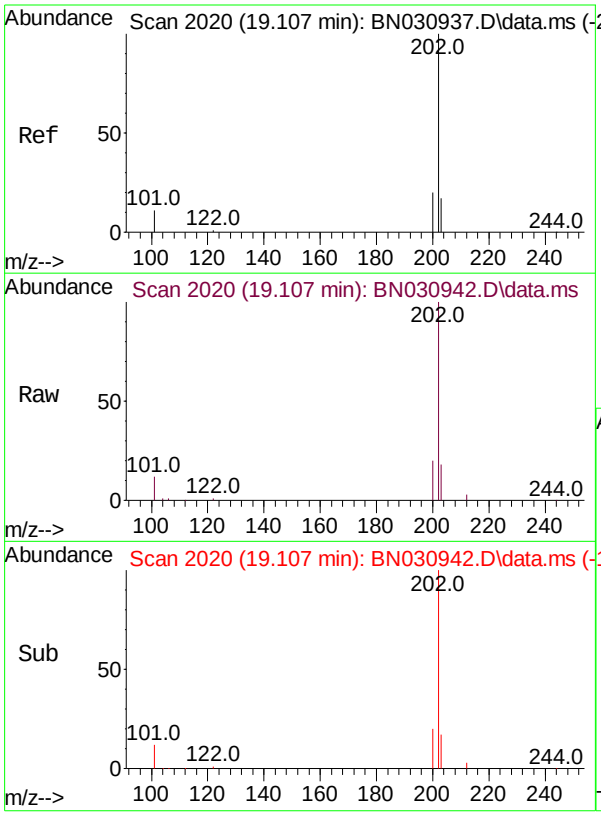
#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.080 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:212 Resp: 15723

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.0	18.0
104	8.5	6.7	10.1

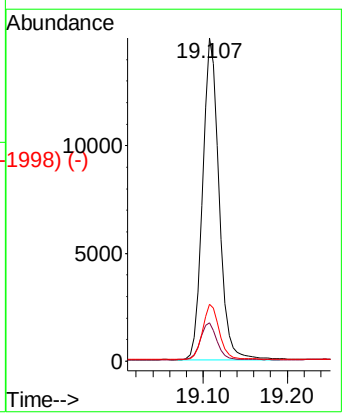


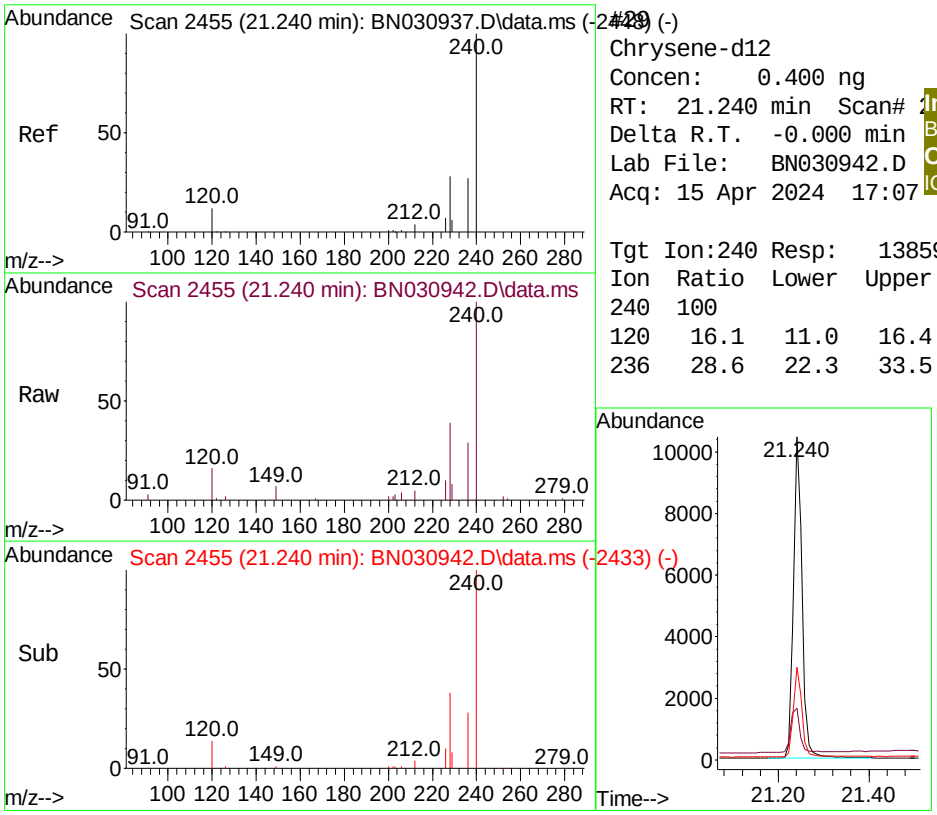


#28
Fluoranthene
Concen: 0.358 ng
RT: 19.107 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:202 Resp: 20467

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
203	17.0	13.8	20.8



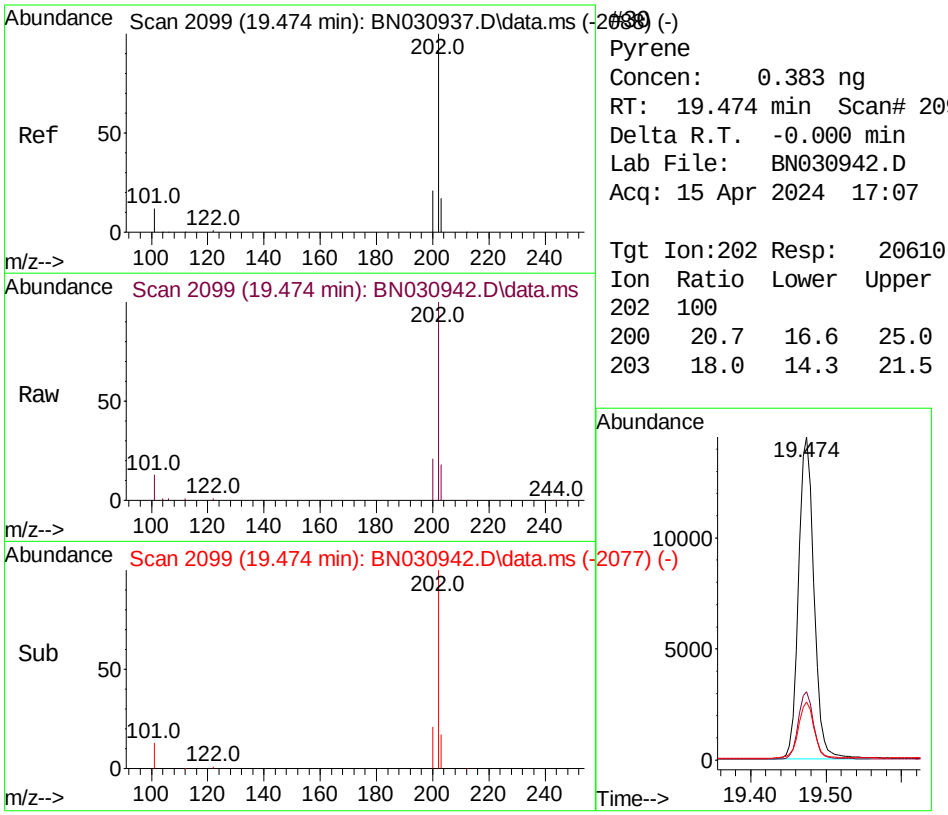


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.240 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:240 Resp: 13859

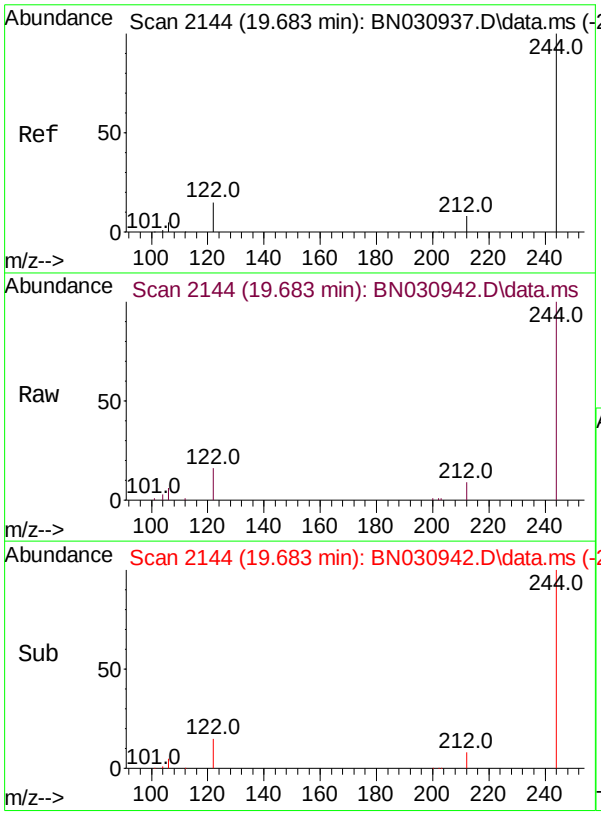
Ion	Ratio	Lower	Upper
240	100		
120	16.1	11.0	16.4
236	28.6	22.3	33.5



#30
Pyrene
Concen: 0.383 ng
RT: 19.474 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:202 Resp: 20610

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.0	14.3	21.5

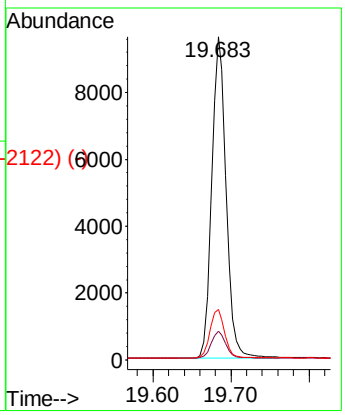


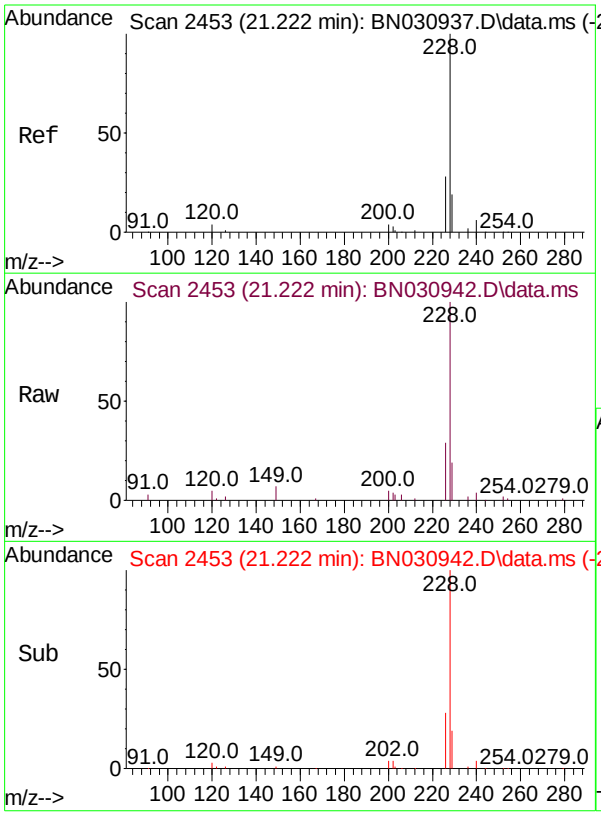
#31 (-)
Terphenyl-d14
Concen: 0.381 ng
RT: 19.683 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:244 Resp: 12270

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	15.5	12.7	19.1

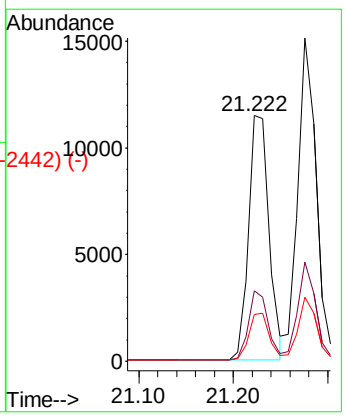


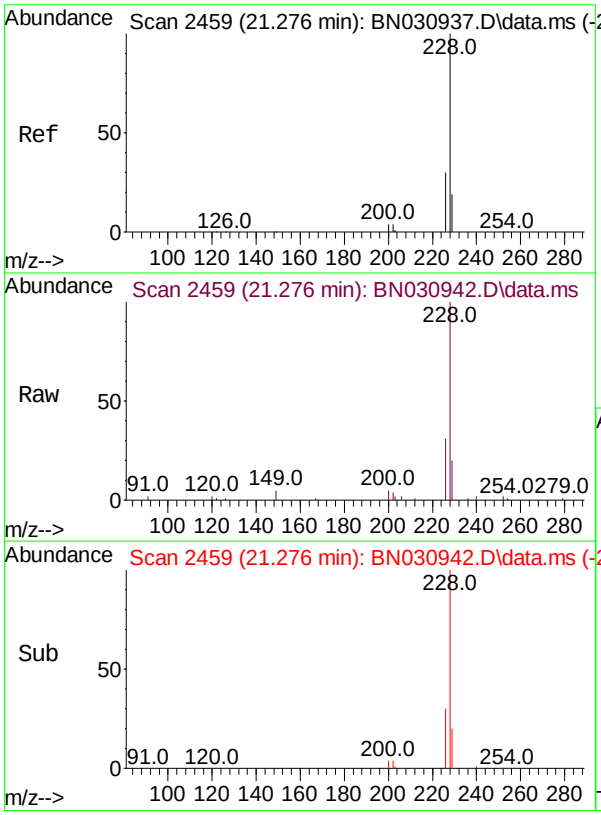


#32 (-)
Benzo(a)anthracene
Concen: 0.356 ng
RT: 21.222 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:228 Resp: 17196

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	19.1	15.7	23.5



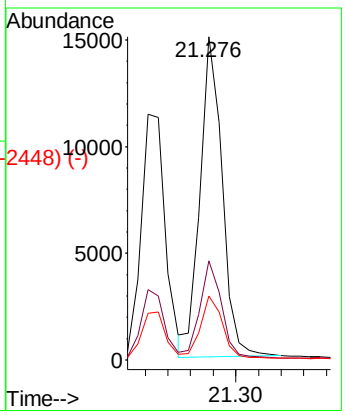


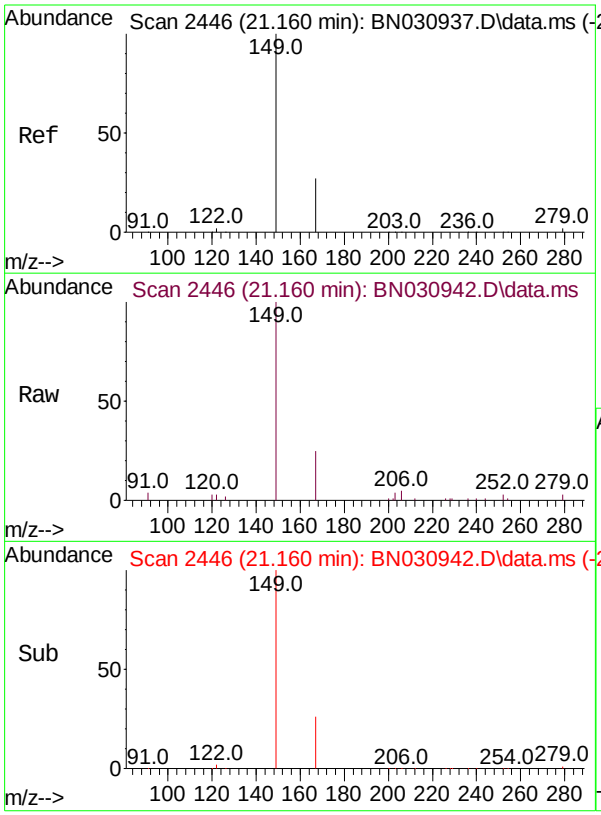
#33
Chrysene
Concen: 0.385 ng
RT: 21.276 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:228 Resp: 20183

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	19.8	15.8	23.6

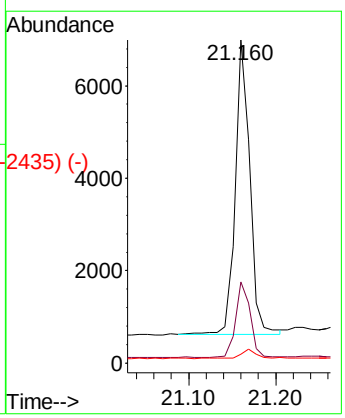


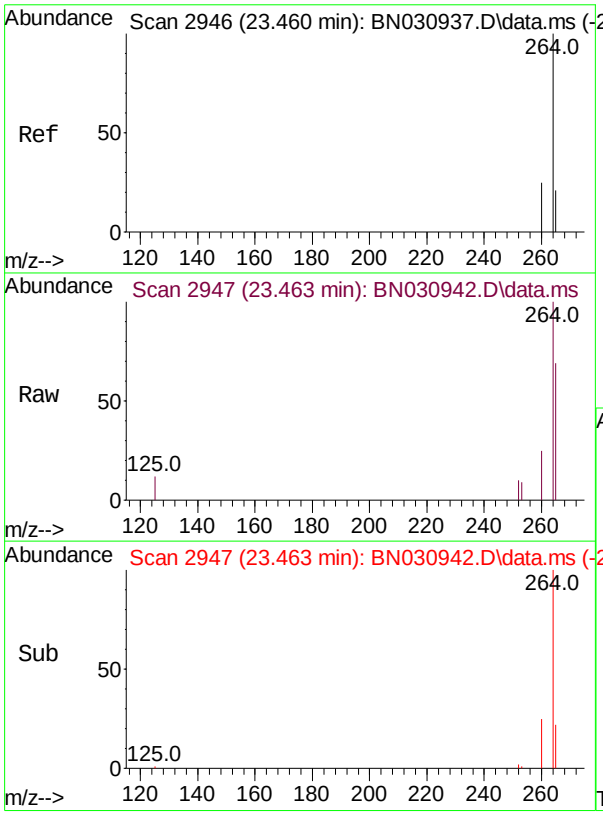


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.160 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:149 Resp: 7392

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.5	2.9	4.3



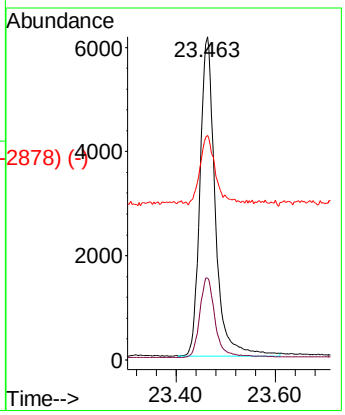


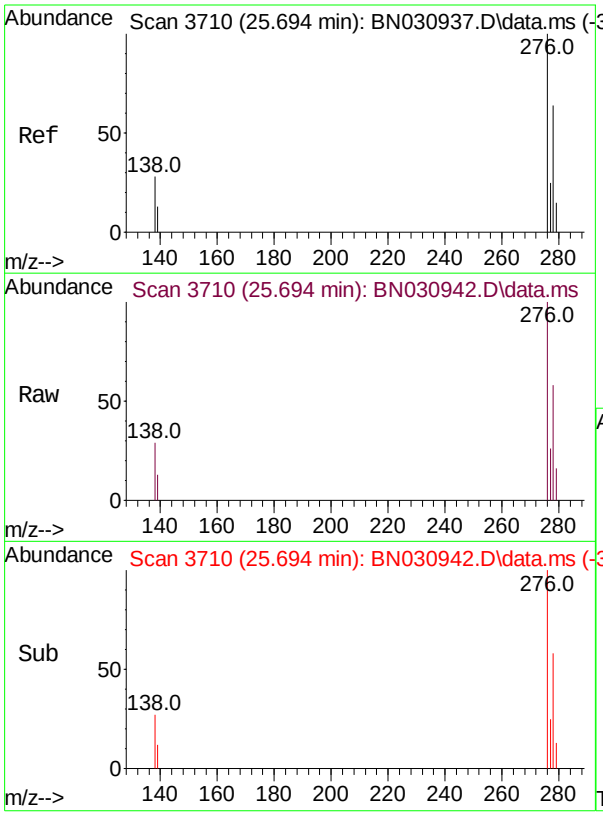
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.463 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:264 Resp: 13030

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	31.0
265	69.4	53.3	79.9

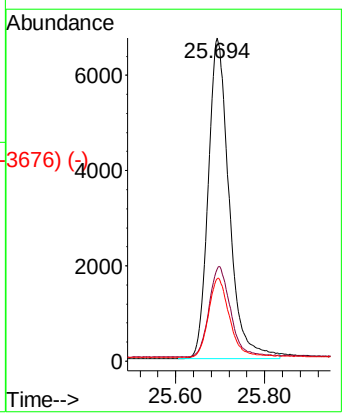


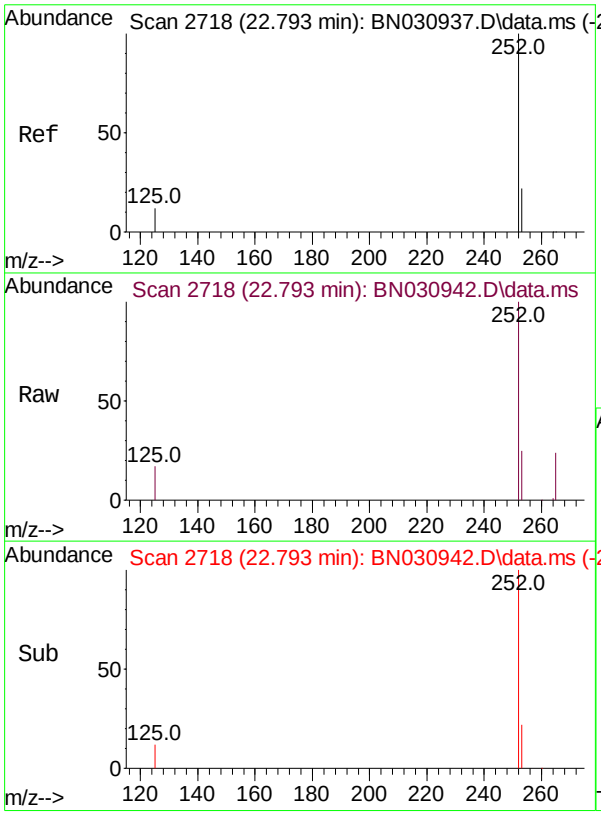


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 25.694 min Scan# 3710
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:276 Resp: 22032

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.1	34.7
277	24.5	19.9	29.9



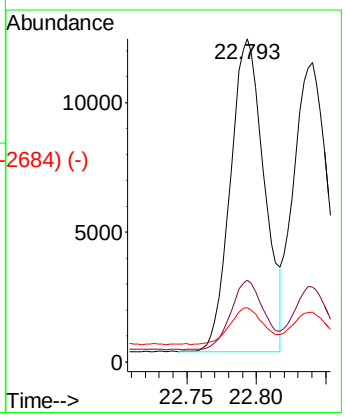


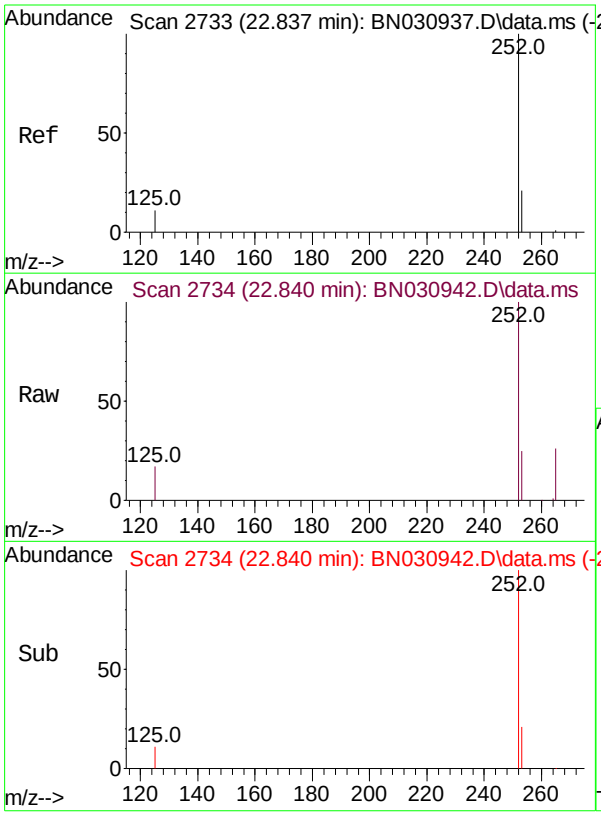
#37
Benzo(b)fluoranthene
Concen: 0.380 ng
RT: 22.793 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:252 Resp: 20457

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.2	30.2
125	16.7	13.4	20.2

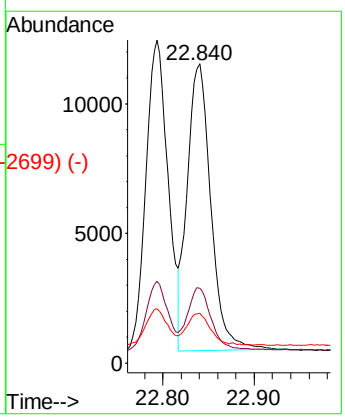


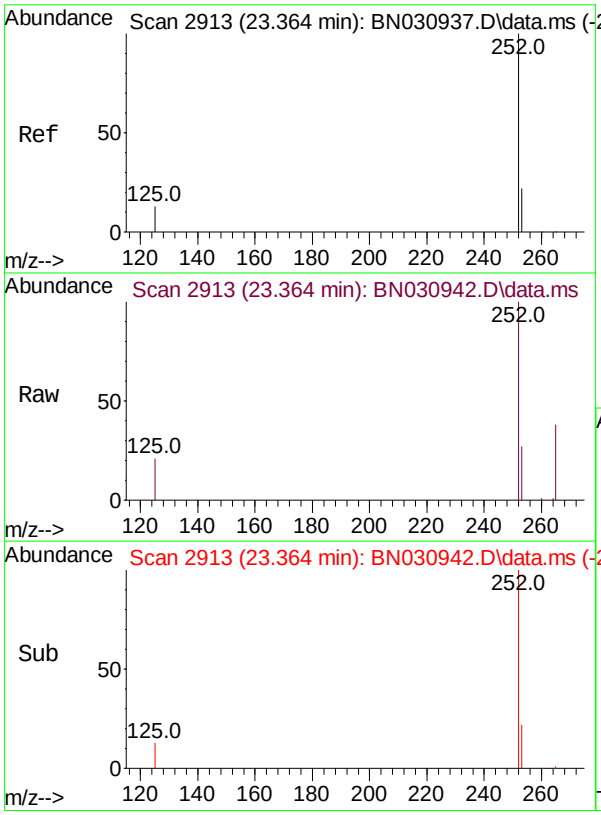


#38
Benzo(k)fluoranthene
Concen: 0.377 ng
RT: 22.840 min Scan# 2734
Delta R.T. 0.003 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:252 Resp: 19836

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	16.6	13.2	19.8



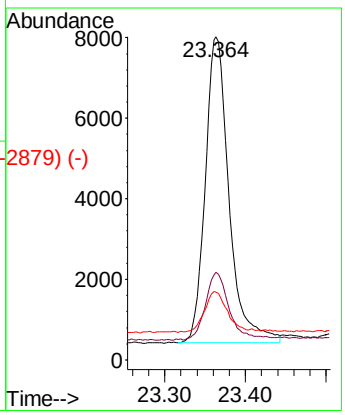


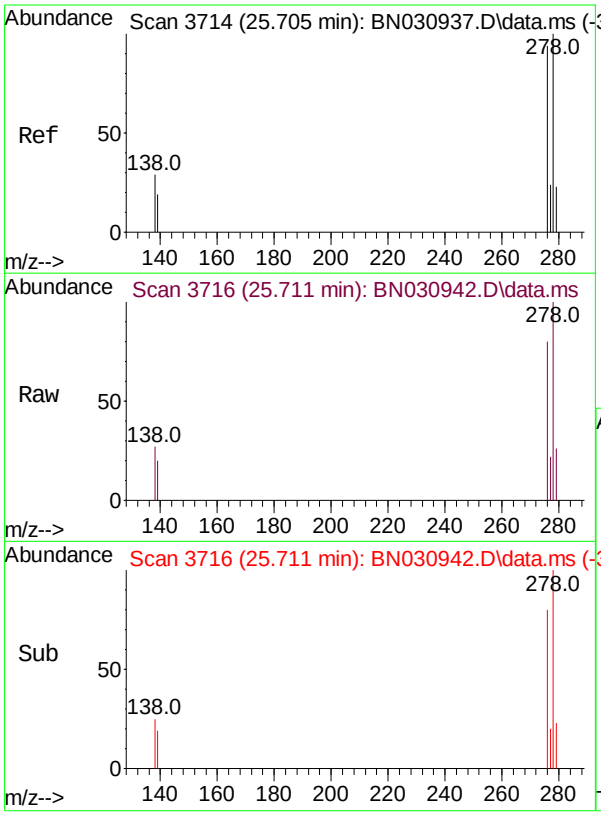
#39
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.364 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:252 Resp: 15531

Ion	Ratio	Lower	Upper
252	100		
253	27.1	21.4	32.2
125	20.9	16.6	25.0

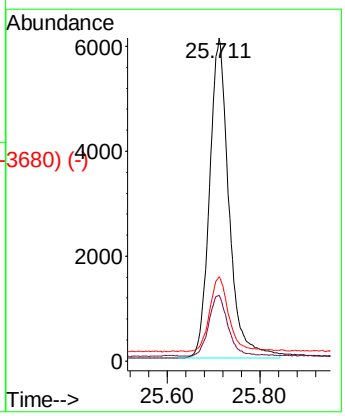


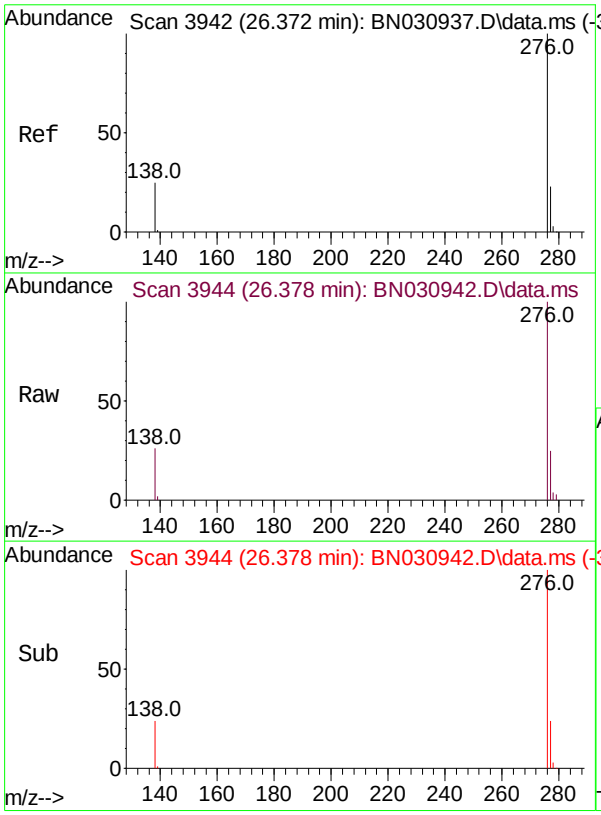


#40
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 25.711 min Scan# 3716
Delta R.T. 0.006 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Tgt Ion:278 Resp: 17787

Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.3	24.5
279	26.0	20.6	31.0





#43 (-)
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 26.378 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN030942.D
Acq: 15 Apr 2024 17:07

Instrument :
BNA_N
ClientSampleId :
ICVBN041524

Tgt Ion:276 Resp: 20241

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	25.8	21.0	31.4