Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031382.D
Acq On : 02 May 2024 21:41
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 03 01:12:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

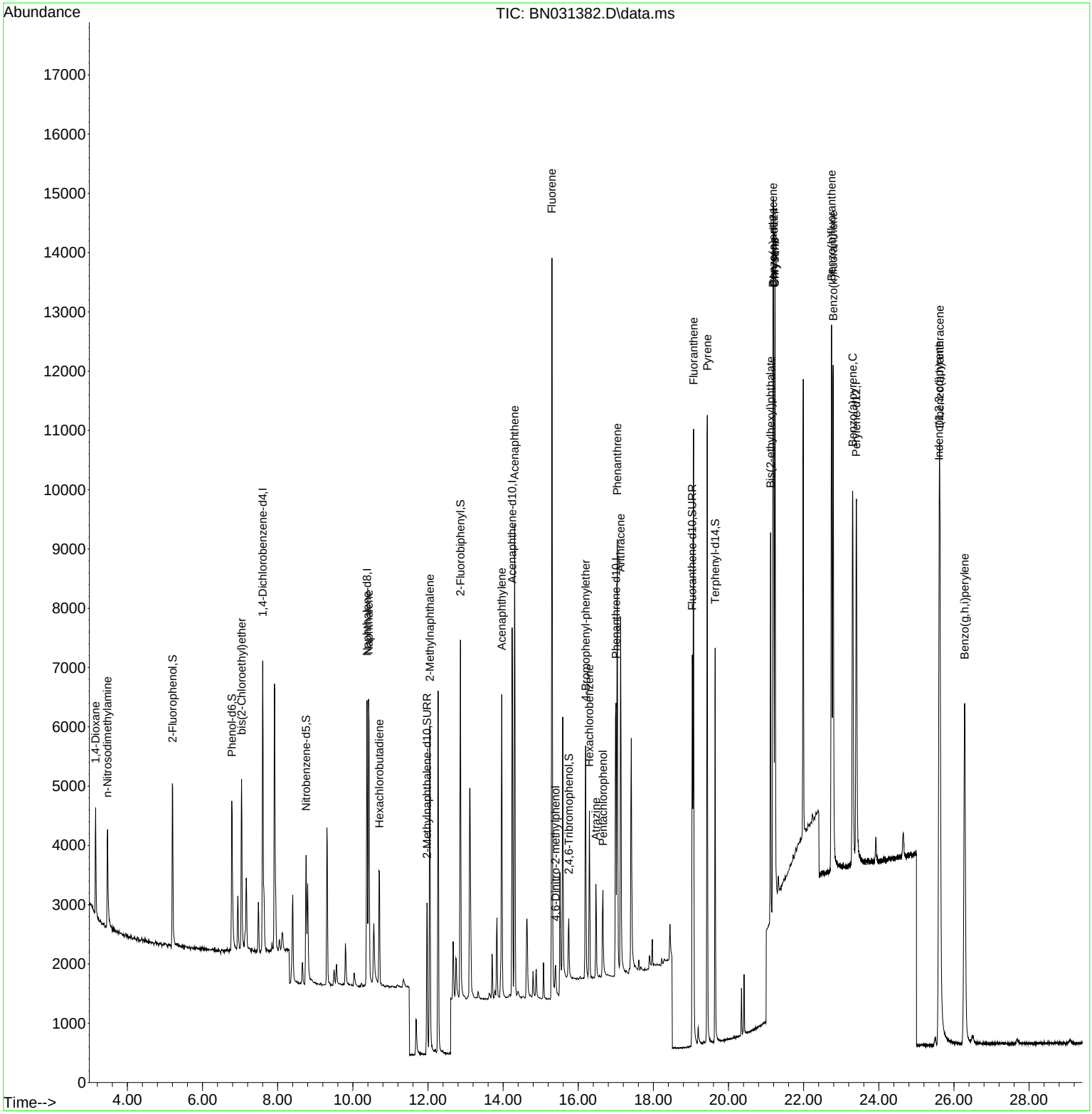
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	2425	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	6674	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	3579	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	7570	0.400	ng	# 0.00
29) Chrysene-d12	21.202	240	7334	0.400	ng	0.00
35) Perylene-d12	23.402	264	8536	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	2419	0.448	ng	0.00
5) Phenol-d6	6.779	99	2601	0.398	ng	0.00
8) Nitrobenzene-d5	8.755	82	1990	0.431	ng	0.00
11) 2-Methylnaphthalene-d10	11.975	152	3813	0.371	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	581	0.418	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	5322	0.442	ng	0.00
27) Fluoranthene-d10	19.035	212	7956	0.390	ng	0.00
31) Terphenyl-d14	19.644	244	6700	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	1176	0.394	ng	# 91
3) n-Nitrosodimethylamine	3.464	42	1205	0.432	ng	# 88
6) bis(2-Chloroethyl)ether	7.039	93	2262	0.350	ng	95
9) Naphthalene	10.421	128	6727	0.366	ng	98
10) Hexachlorobutadiene	10.709	225	1666	0.451	ng	# 99
12) 2-Methylnaphthalene	12.051	142	4262	0.348	ng	# 95
16) Acenaphthylene	13.964	152	5654	0.358	ng	99
17) Acenaphthene	14.306	154	3968	0.356	ng	98
18) Fluorene	15.300	166	5042	0.342	ng	99
20) 4,6-Dinitro-2-methylph...	15.397	198	428	0.474	ng	# 91
21) 4-Bromophenyl-phenylether	16.197	248	1649	0.367	ng	# 88
22) Hexachlorobenzene	16.296	284	1945	0.370	ng	95
23) Atrazine	16.470	200	1338	0.411	ng	97
24) Pentachlorophenol	16.656	266	836	0.527	ng	97
25) Phenanthrene	17.041	178	7718	0.345	ng	99
26) Anthracene	17.128	178	6688	0.362	ng	99
28) Fluoranthene	19.068	202	9436	0.352	ng	98
30) Pyrene	19.435	202	9907	0.348	ng	99
32) Benzo(a)anthracene	21.184	228	9153	0.358	ng	100
33) Chrysene	21.238	228	9635	0.347	ng	99
34) Bis(2-ethylhexyl)phtha...	21.121	149	5650	0.483	ng	99
36) Indeno(1,2,3-cd)pyrene	25.607	276	13587	0.342	ng	95
37) Benzo(b)fluoranthene	22.741	252	11498	0.326	ng	97
38) Benzo(k)fluoranthene	22.785	252	10895	0.316	ng	96
39) Benzo(a)pyrene	23.306	252	9641	0.329	ng	96
40) Dibenzo(a,h)anthracene	25.624	278	10967	0.345	ng	94
41) Benzo(g,h,i)perylene	26.285	276	12263	0.350	ng	96

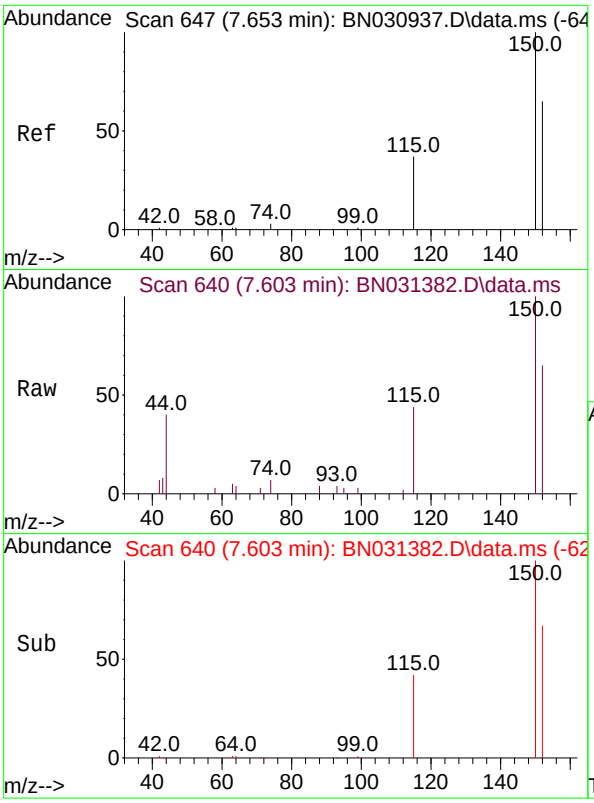
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031382.D
Acq On : 02 May 2024 21:41
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 03 01:12:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration



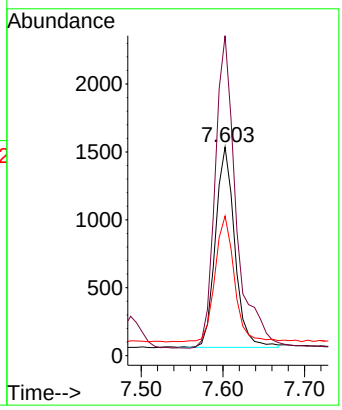


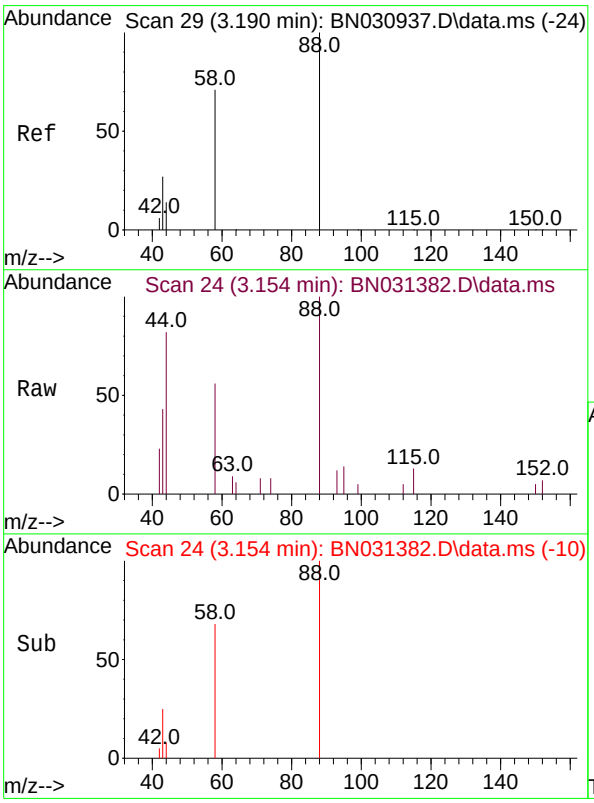
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.603 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2425

Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.7	182.5
115	66.9	47.8	71.8

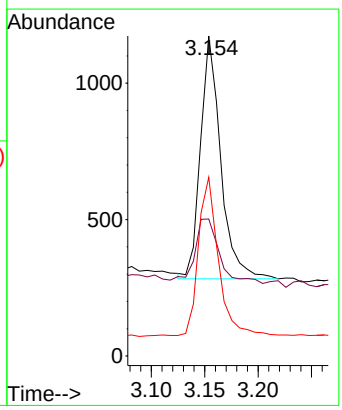


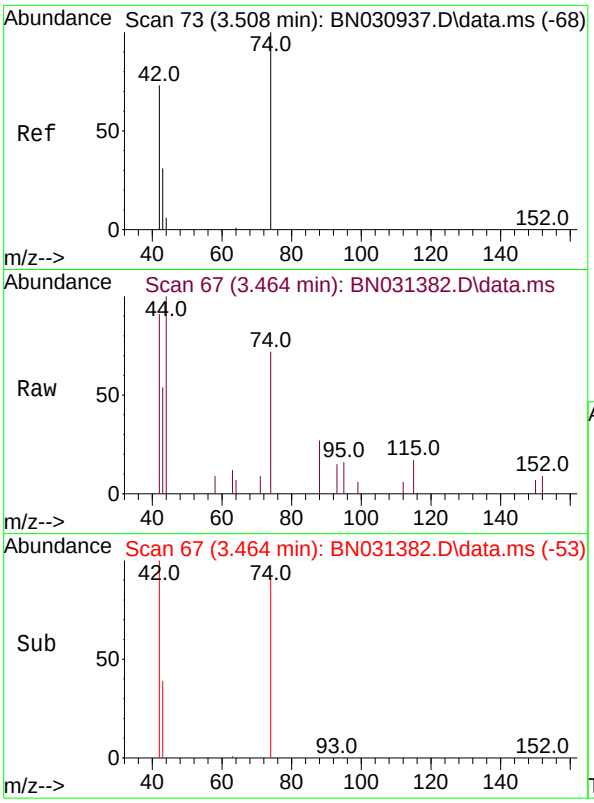


#2
1,4-Dioxane
Concen: 0.394 ng
RT: 3.154 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion: 88 Resp: 1176

Ion	Ratio	Lower	Upper
88	100		
43	40.1	23.7	35.5#
58	66.2	55.7	83.5



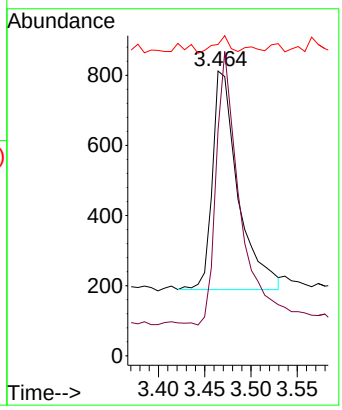


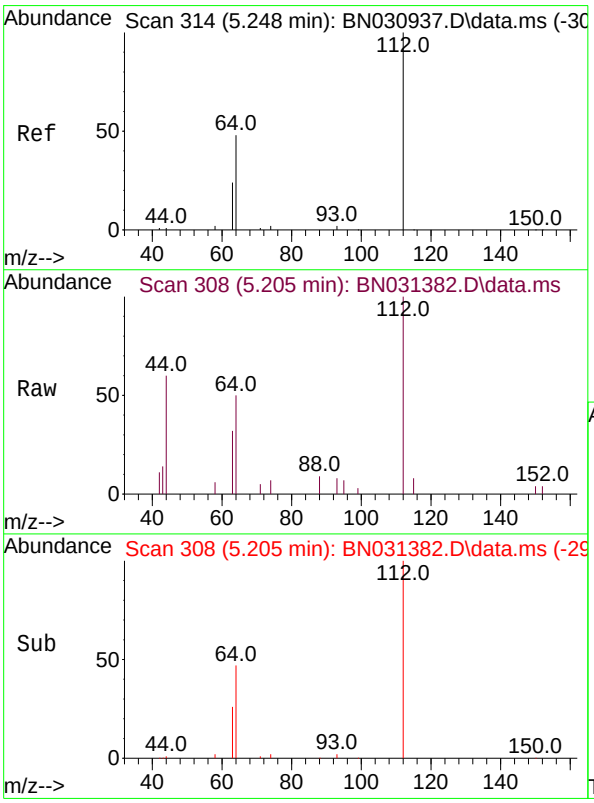
#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.464 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1205

Ion	Ratio	Lower	Upper
42	100		
74	114.6	103.1	154.7
44	4.4	7.0	10.6#

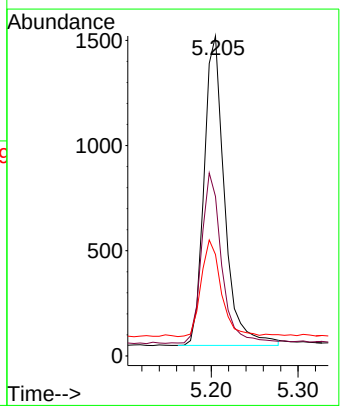


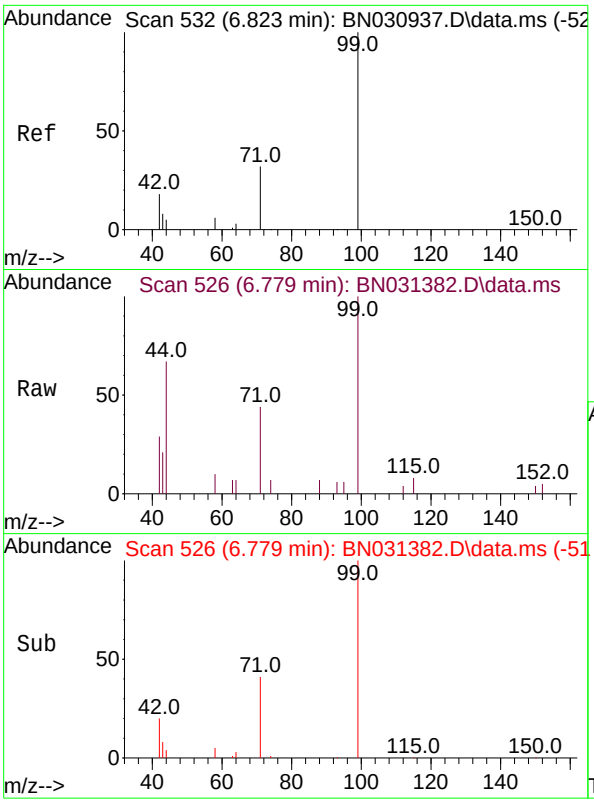


#4
2-Fluorophenol
Concen: 0.448 ng
RT: 5.205 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:112 Resp: 2419

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.4	65.2
63	30.5	22.2	33.2



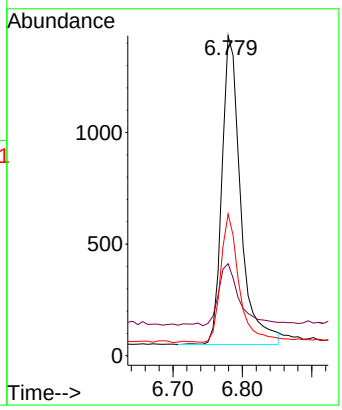


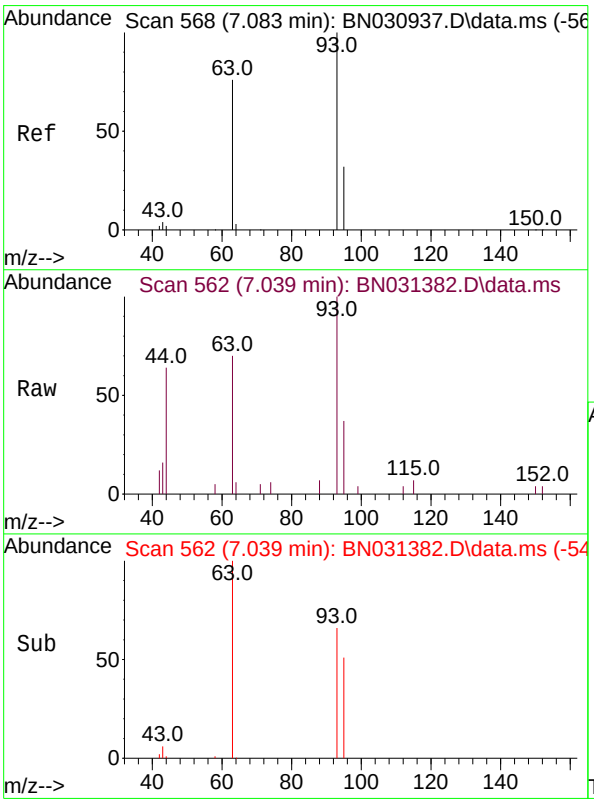
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.779 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2601

Ion	Ratio	Lower	Upper
99	100		
42	22.5	16.4	24.6
71	40.6	26.3	39.5#

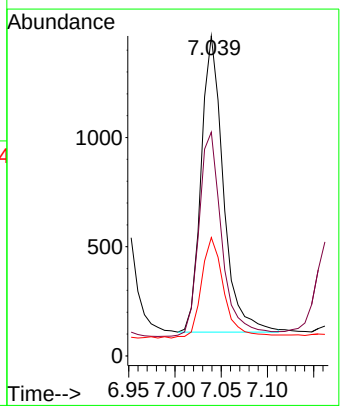


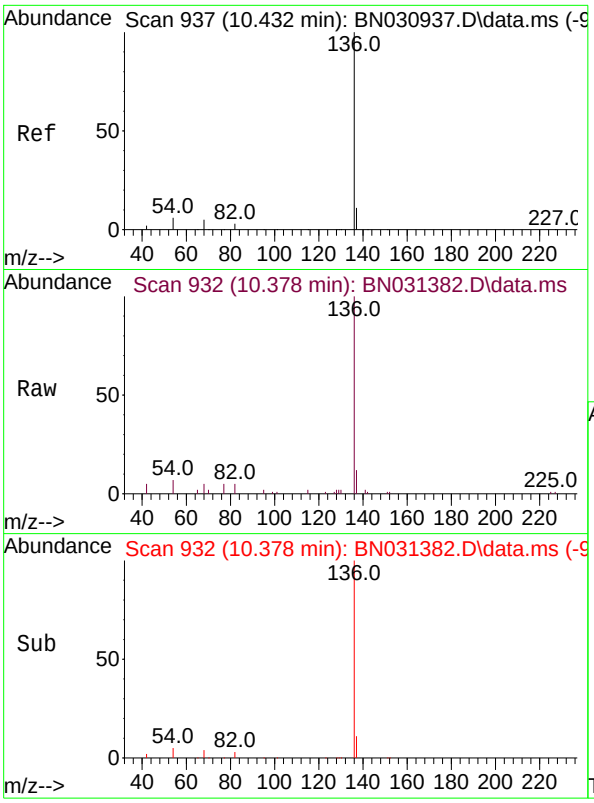


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.039 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion: 93 Resp: 2262

Ion	Ratio	Lower	Upper
93	100		
63	72.1	61.8	92.8
95	34.8	27.4	41.0



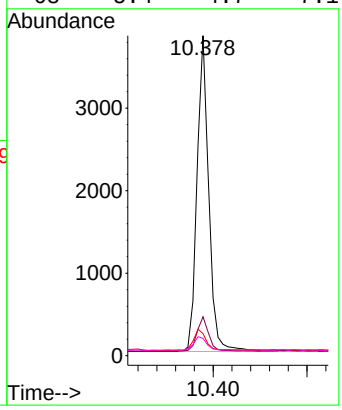


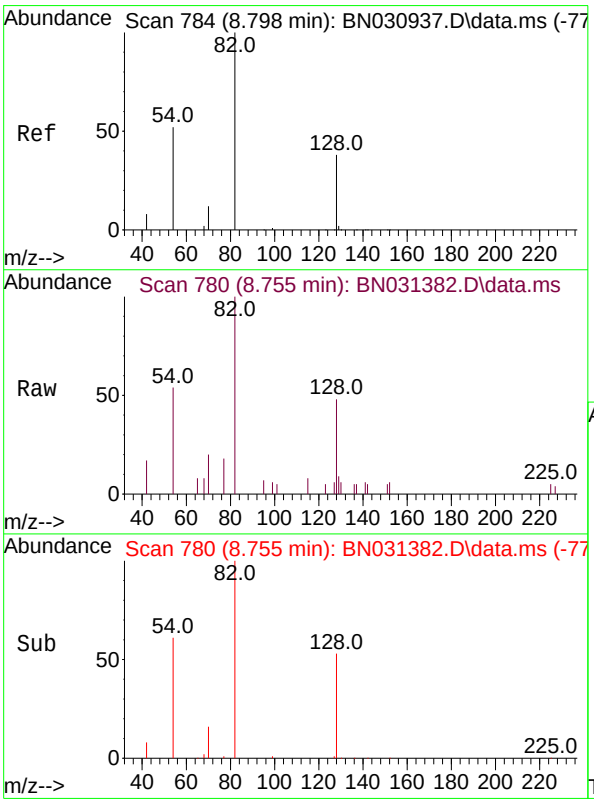
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 6674

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.4	14.0
54	6.9	5.3	7.9
68	5.4	4.7	7.1

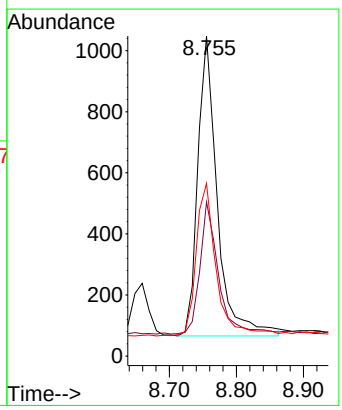


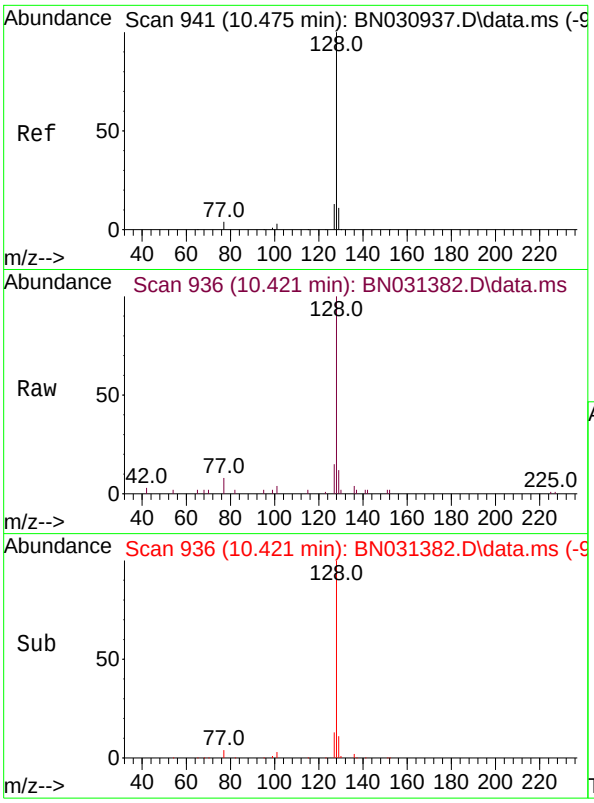


#8
Nitrobenzene-d5
Concen: 0.431 ng
RT: 8.755 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion: 82 Resp: 1990

Ion	Ratio	Lower	Upper
82	100		
128	48.2	33.7	50.5
54	53.9	43.7	65.5



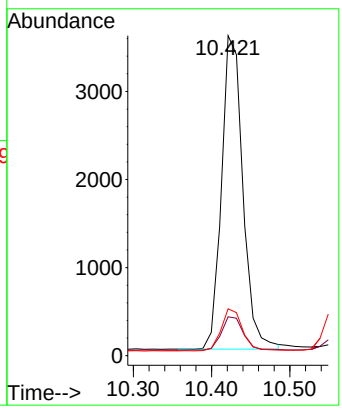


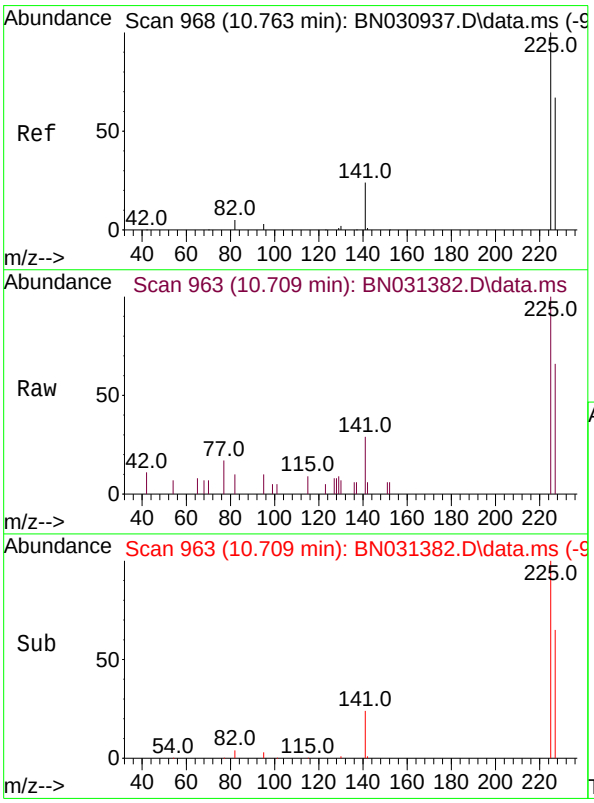
#9
Naphthalene
Concen: 0.366 ng
RT: 10.421 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6727

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.6	10.9	16.3

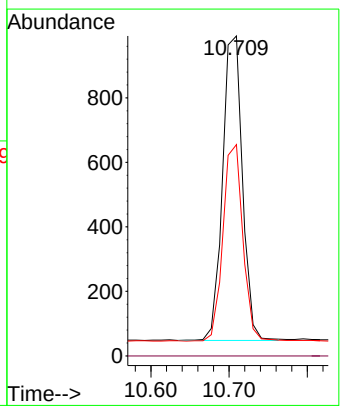


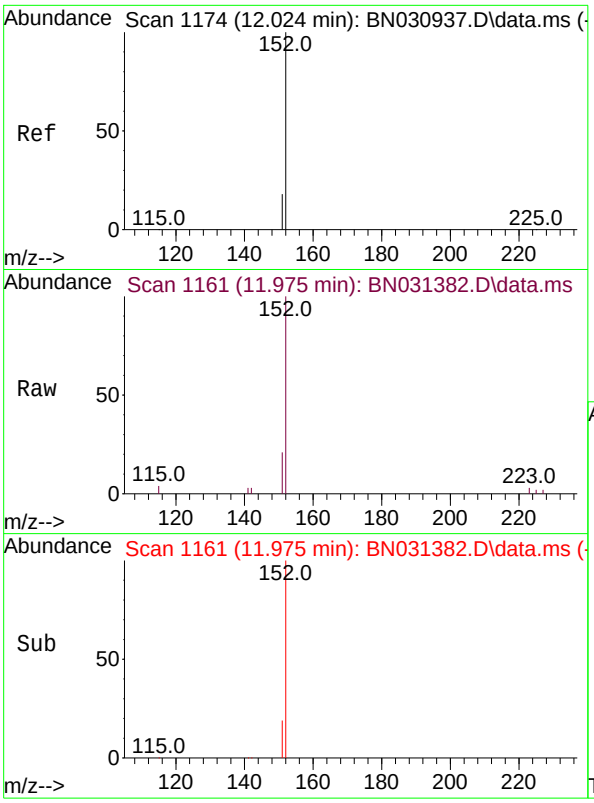


#10
Hexachlorobutadiene
Concen: 0.451 ng
RT: 10.709 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:225 Resp: 1666

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.3	76.9



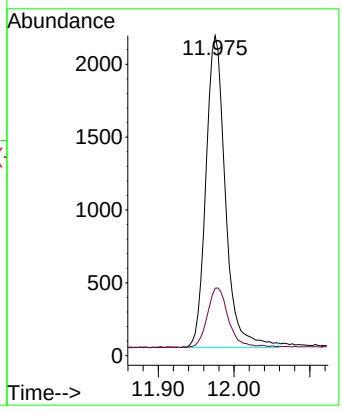


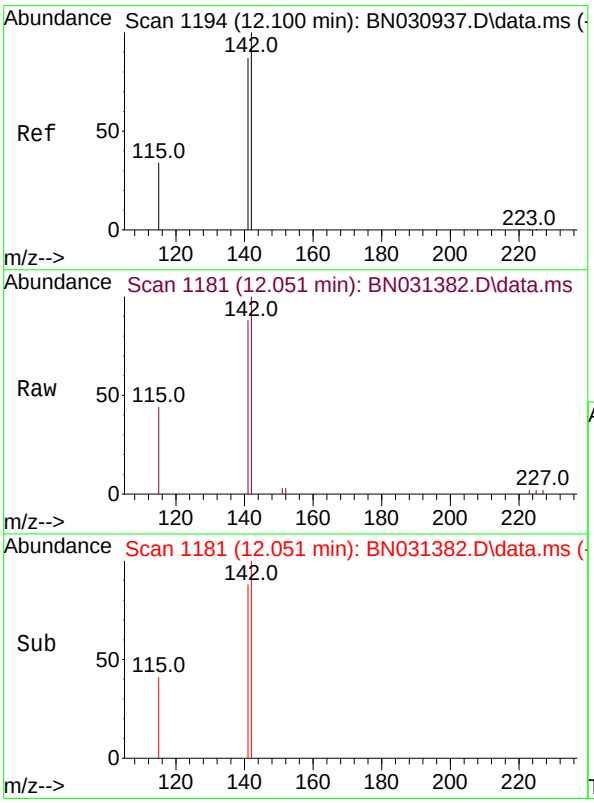
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 11.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3813

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.7	25.1

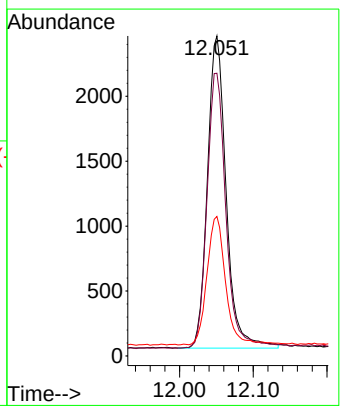


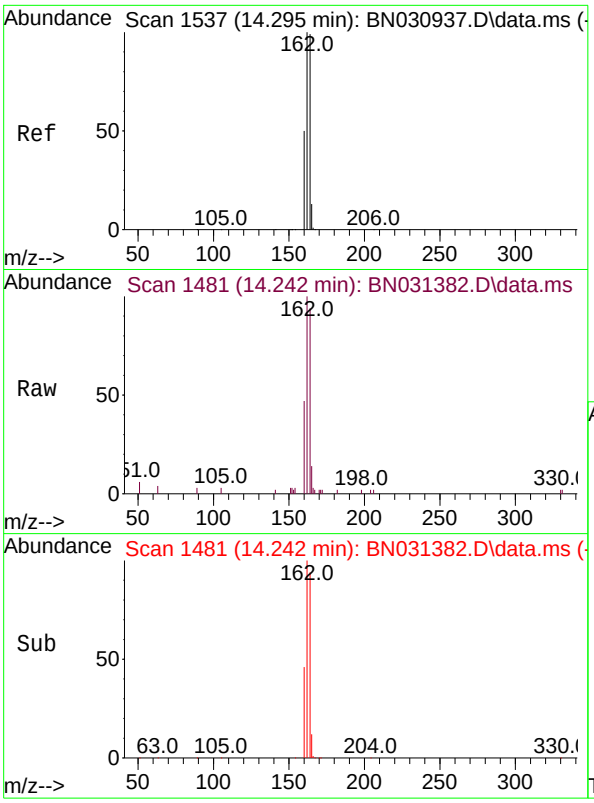


#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.051 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:142 Resp: 4262

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.8
115	43.6	28.3	42.5#



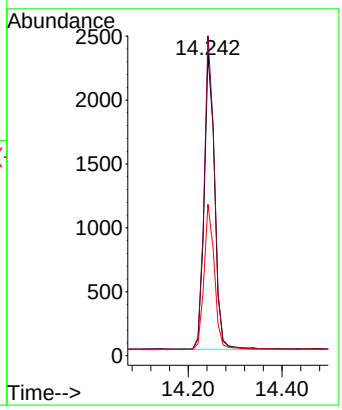


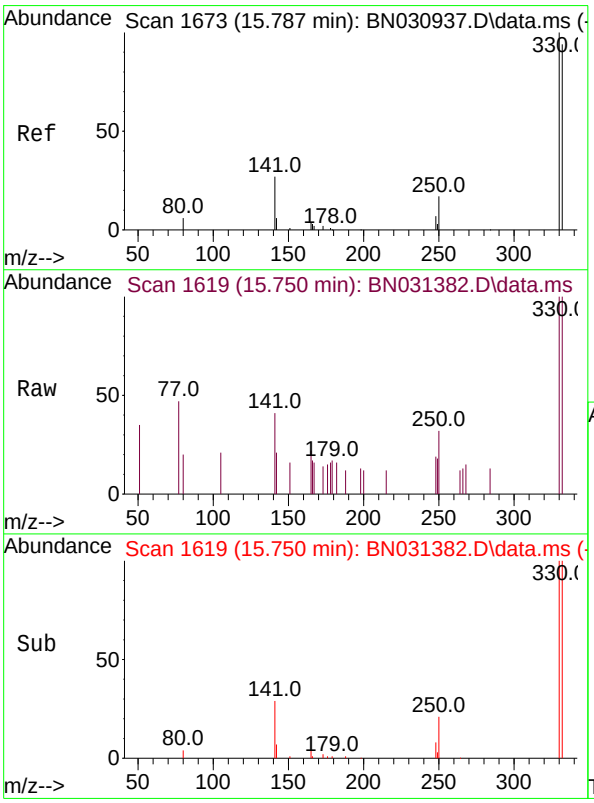
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3579

Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.6	121.0
160	50.2	40.7	61.1

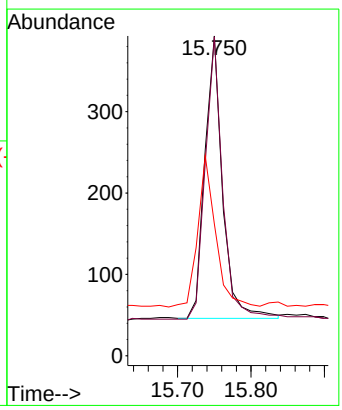


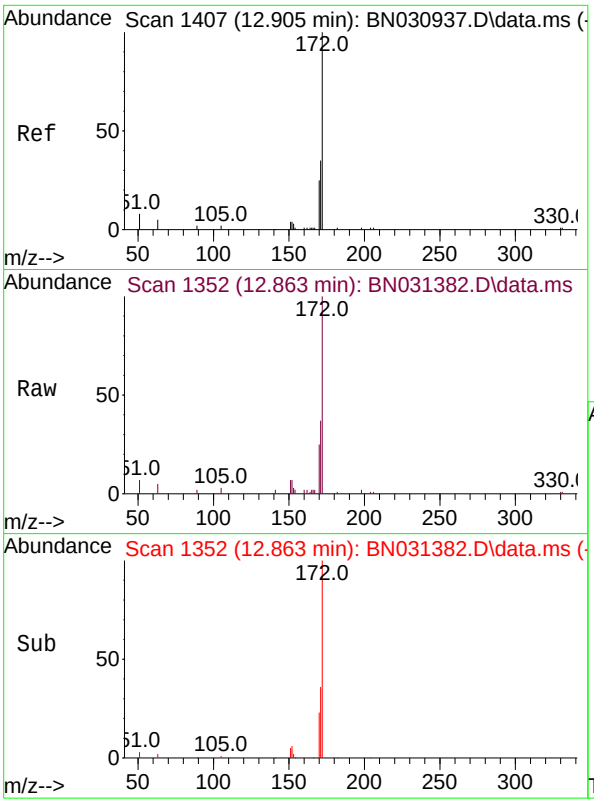


#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 15.750 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:330 Resp: 581

Ion	Ratio	Lower	Upper
330	100		
332	98.6	74.2	111.2
141	53.5	37.2	55.8



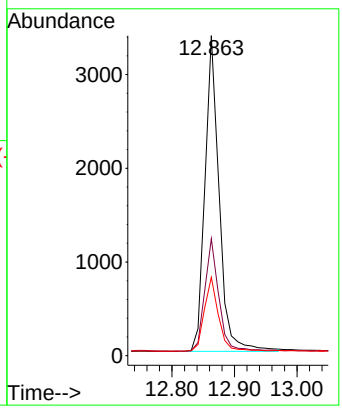


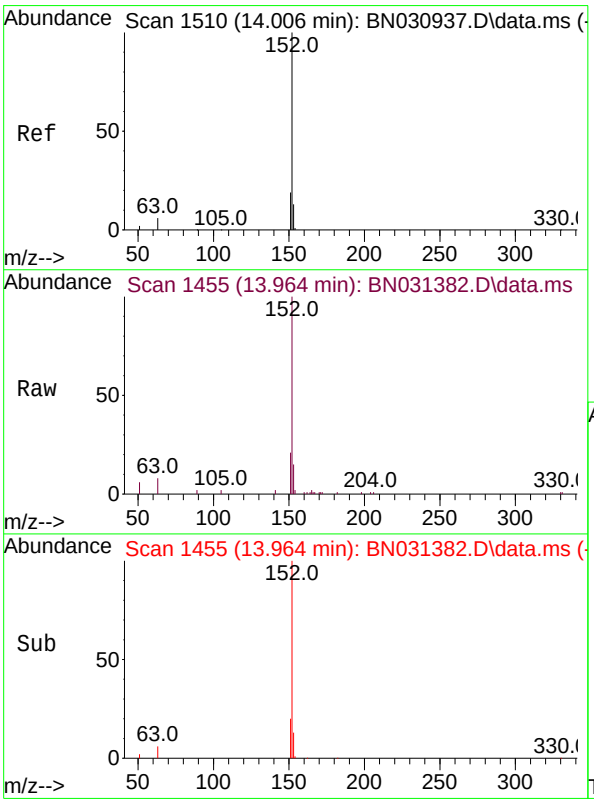
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5322

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.3	42.5
170	24.5	19.8	29.8

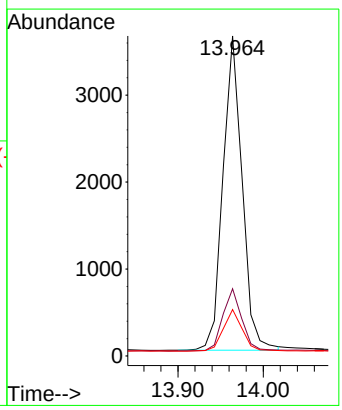


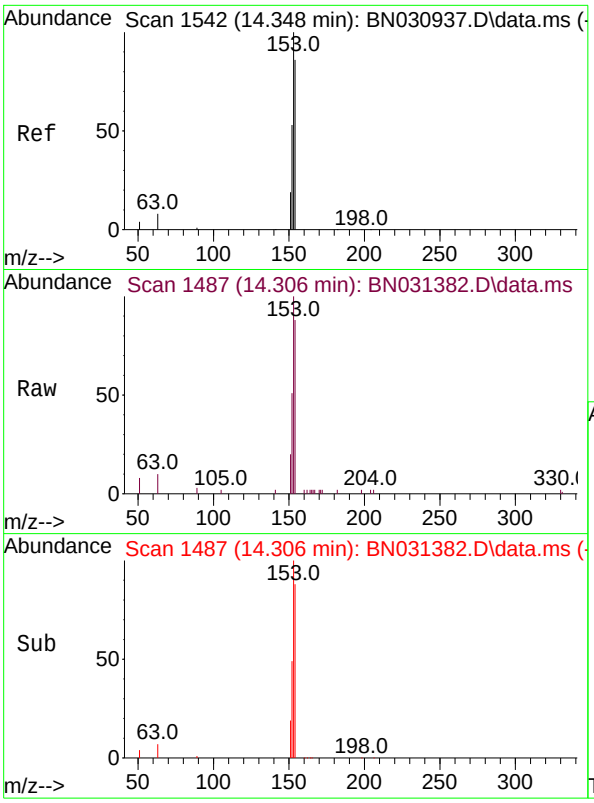


#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.964 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:152 Resp: 5654

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.3	22.9
153	13.3	10.4	15.6



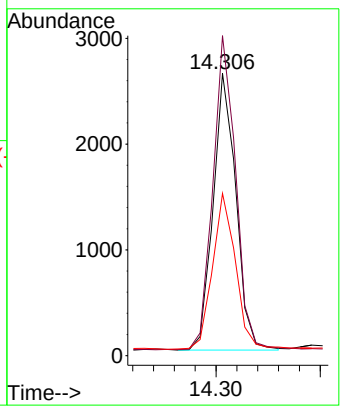


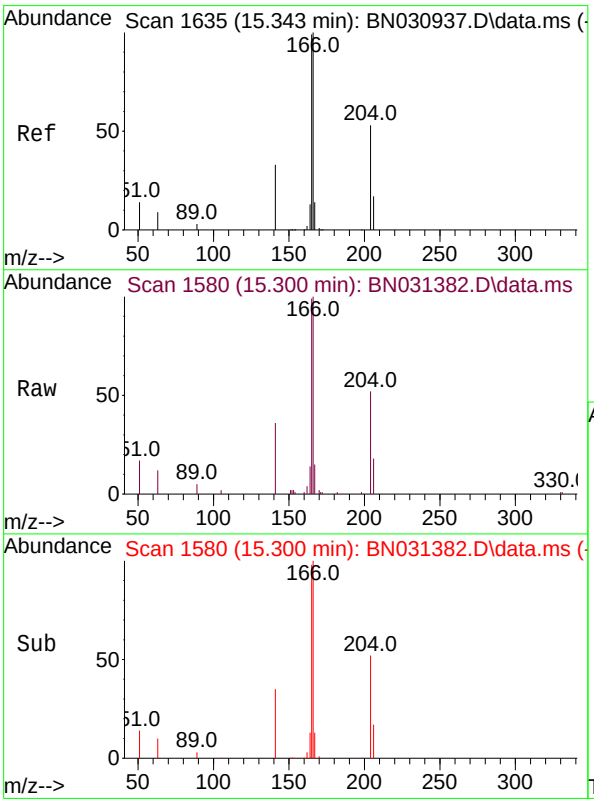
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.306 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 3968

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.1	136.7
152	57.0	47.6	71.4

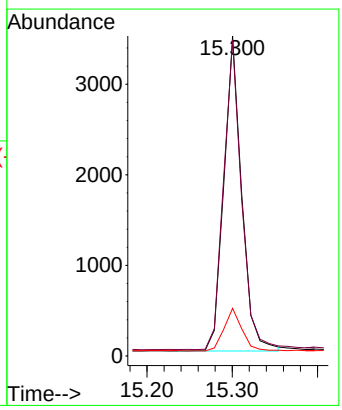


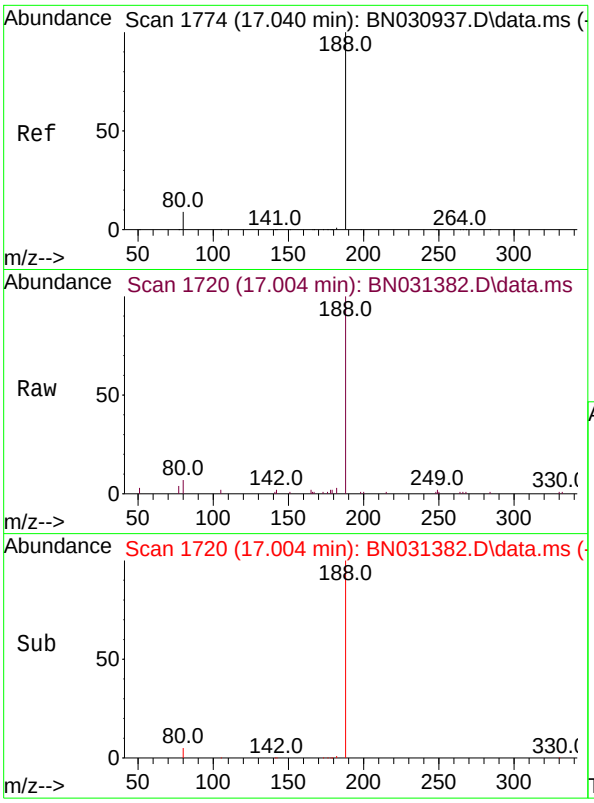


#18
Fluorene
Concen: 0.342 ng
RT: 15.300 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:166 Resp: 5042

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.3	117.5
167	13.7	11.1	16.7



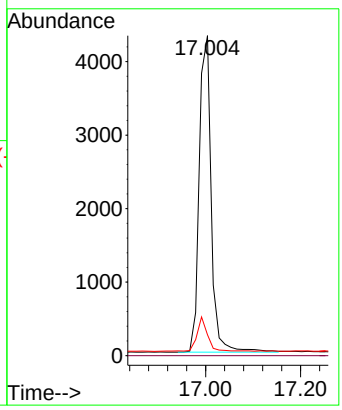


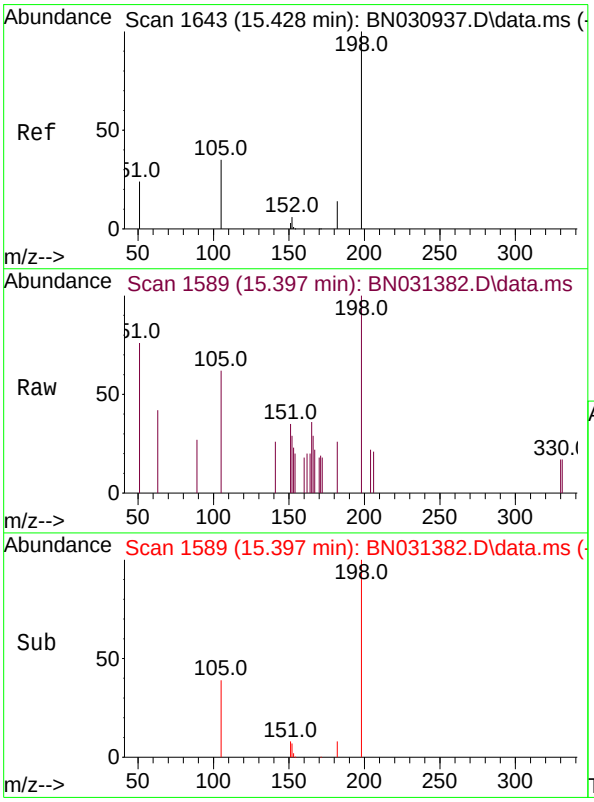
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 7570

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	7.4	11.2#

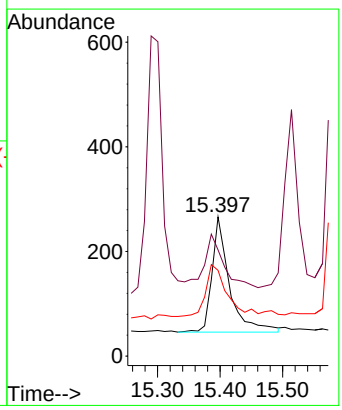


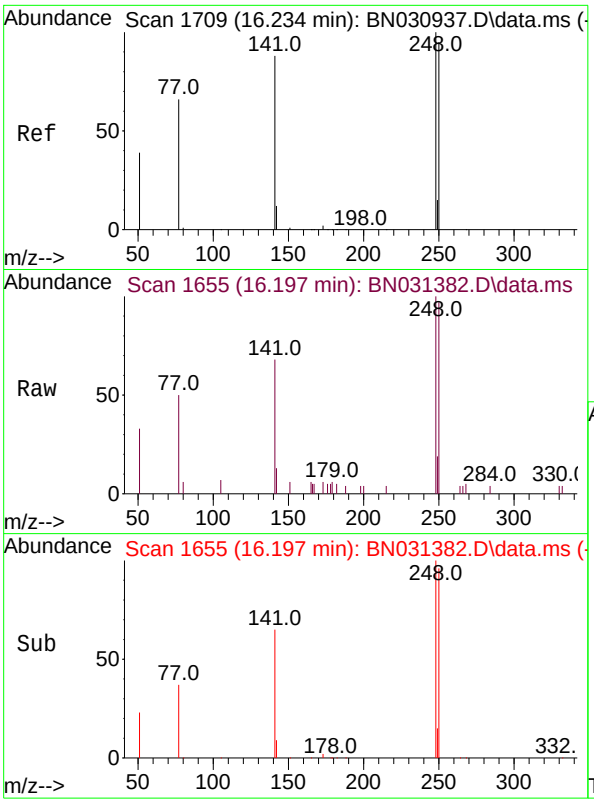


#20
4,6-Dinitro-2-methylphenol
Concen: 0.474 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:198 Resp: 428

Ion	Ratio	Lower	Upper
198	100		
51	76.3	65.2	97.8
105	61.7	41.0	61.4#



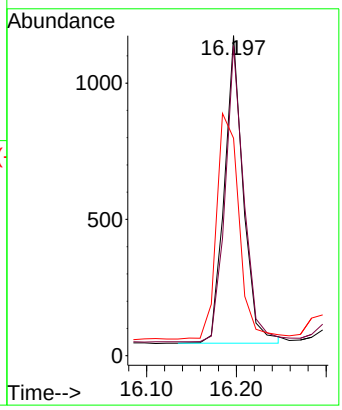


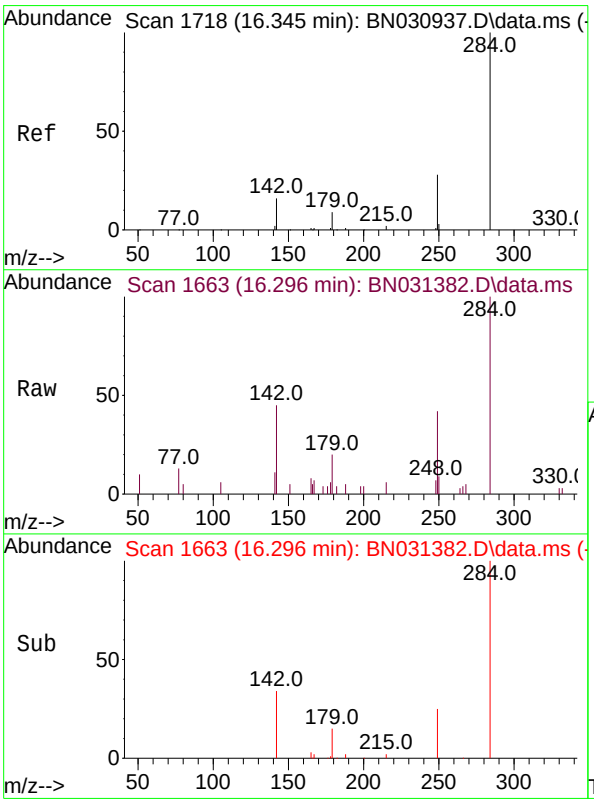
#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.197 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1649

Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.1	114.1
141	68.0	71.1	106.7#

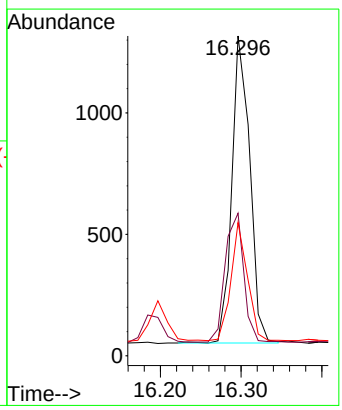


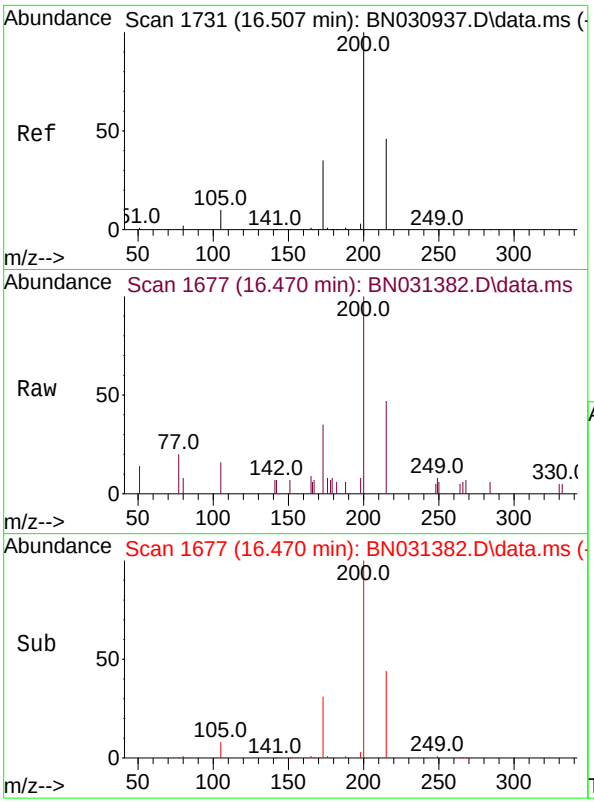


#22
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.296 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:284 Resp: 1945

Ion	Ratio	Lower	Upper
284	100		
142	43.7	33.0	49.4
249	35.4	25.5	38.3



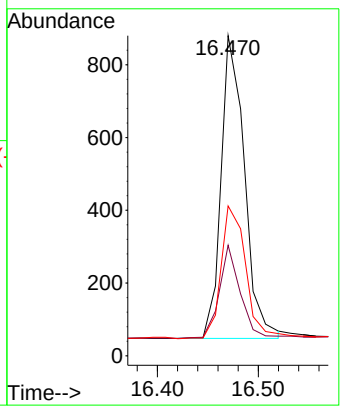


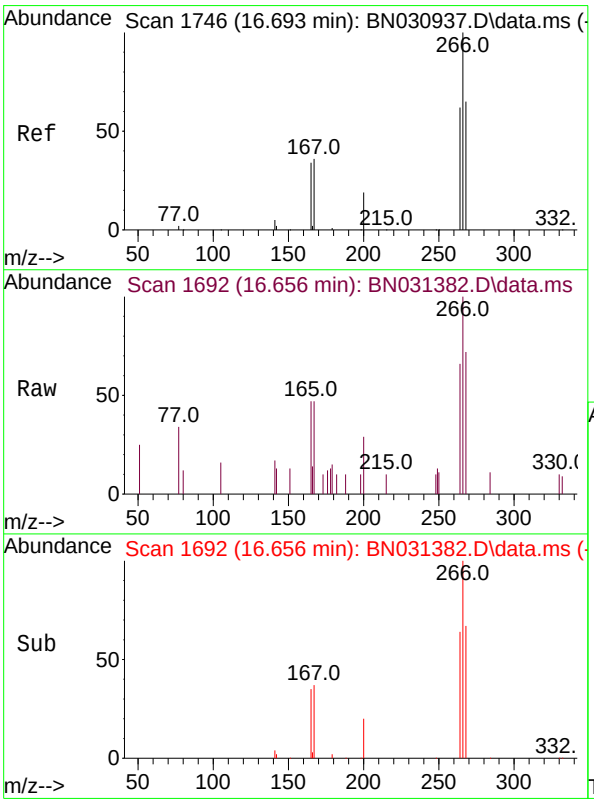
#23
Atrazine
Concen: 0.411 ng
RT: 16.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1338

Ion	Ratio	Lower	Upper
200	100		
173	34.5	29.9	44.9
215	46.8	38.7	58.1

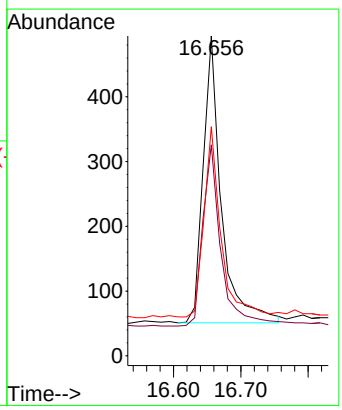


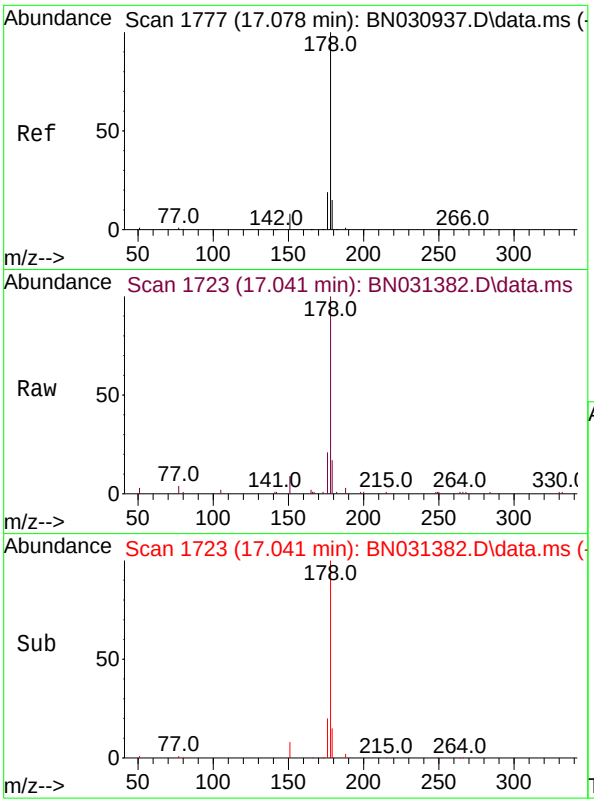


#24
Pentachlorophenol
Concen: 0.527 ng
RT: 16.656 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:266 Resp: 836

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.2	75.2
268	61.8	52.3	78.5



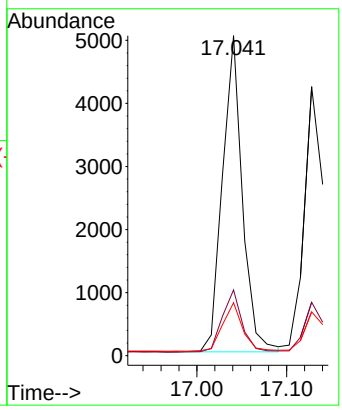


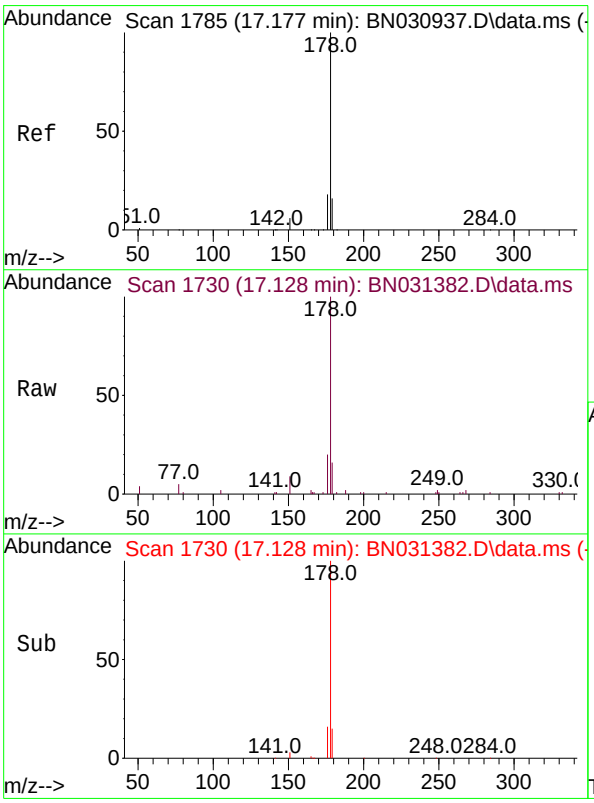
#25
Phenanthrene
Concen: 0.345 ng
RT: 17.041 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 7718

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.4	12.2	18.2

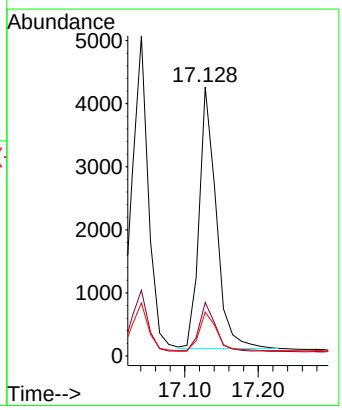


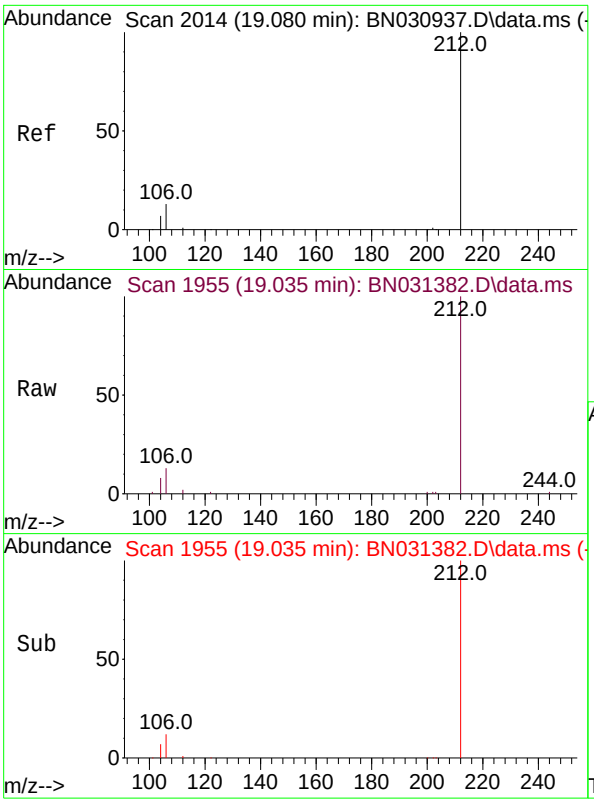


#26
Anthracene
Concen: 0.362 ng
RT: 17.128 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:178 Resp: 6688

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	14.8	12.3	18.5



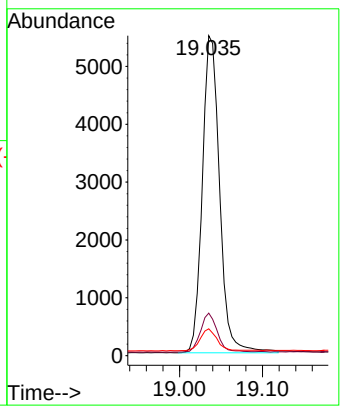


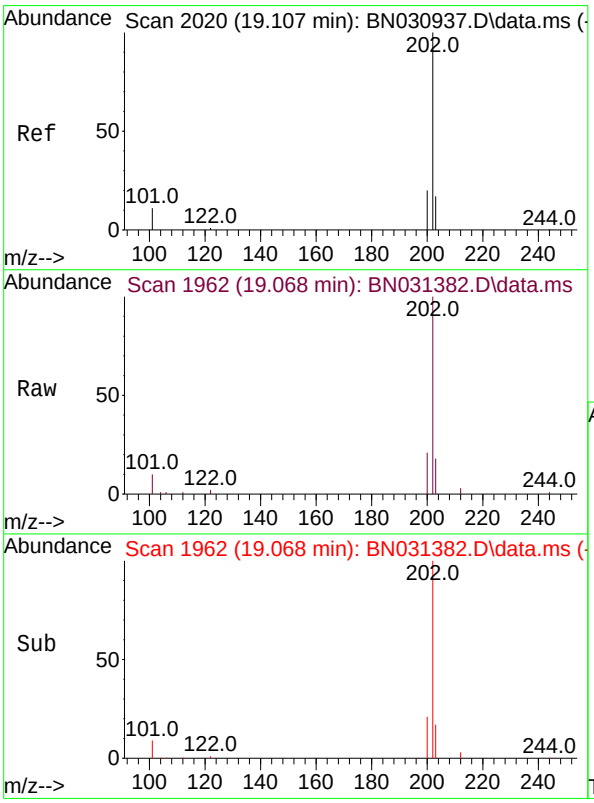
#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7956

Ion	Ratio	Lower	Upper
212	100		
106	11.8	12.0	18.0#
104	6.9	6.7	10.1

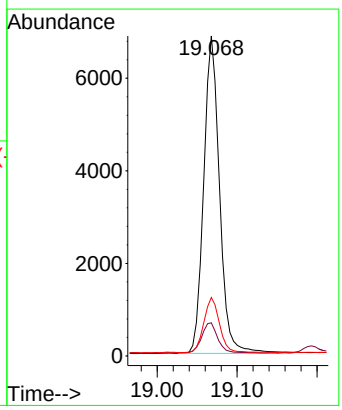


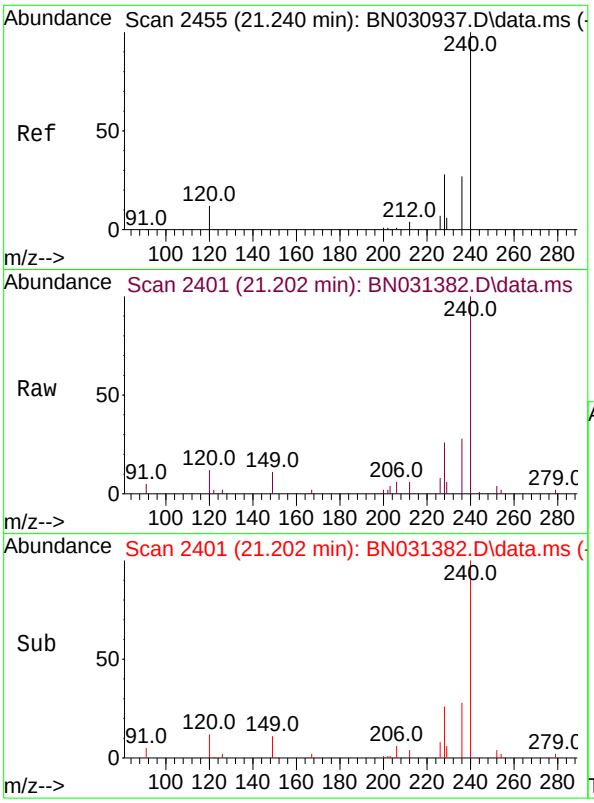


#28
Fluoranthene
Concen: 0.352 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:202 Resp: 9436

Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.4	14.2
203	17.1	13.8	20.8



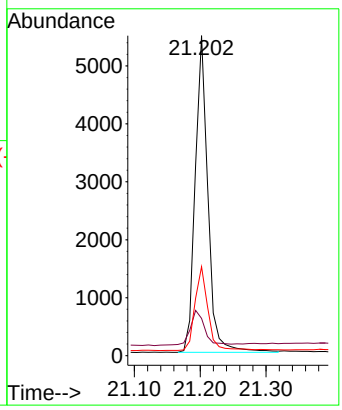


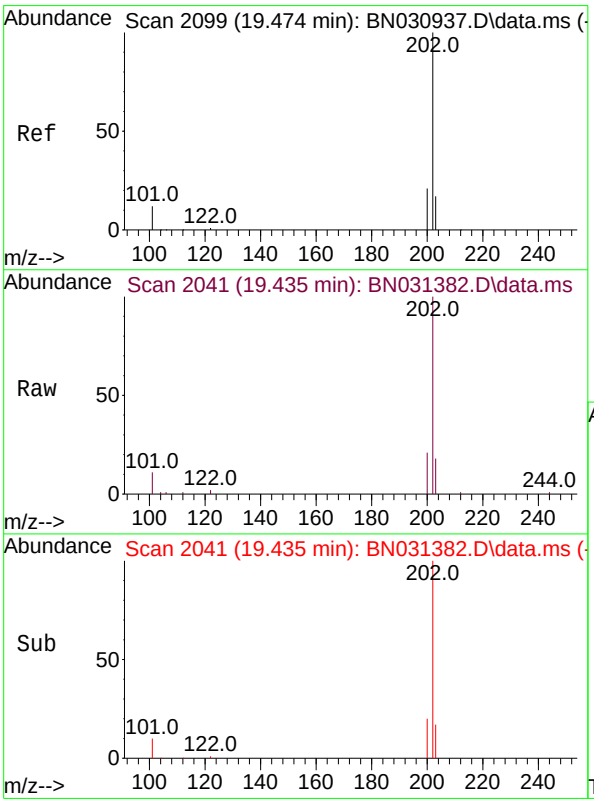
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 7334

Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.0	16.4
236	27.8	22.3	33.5

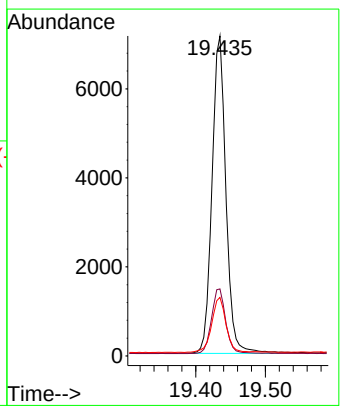


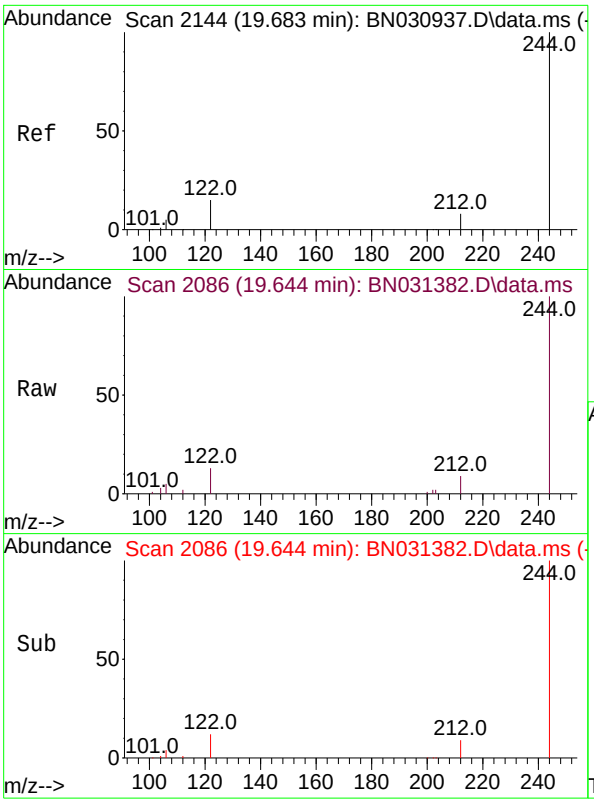


#30
Pyrene
Concen: 0.348 ng
RT: 19.435 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:202 Resp: 9907

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.2	14.3	21.5



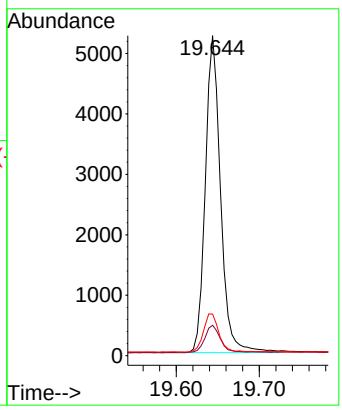


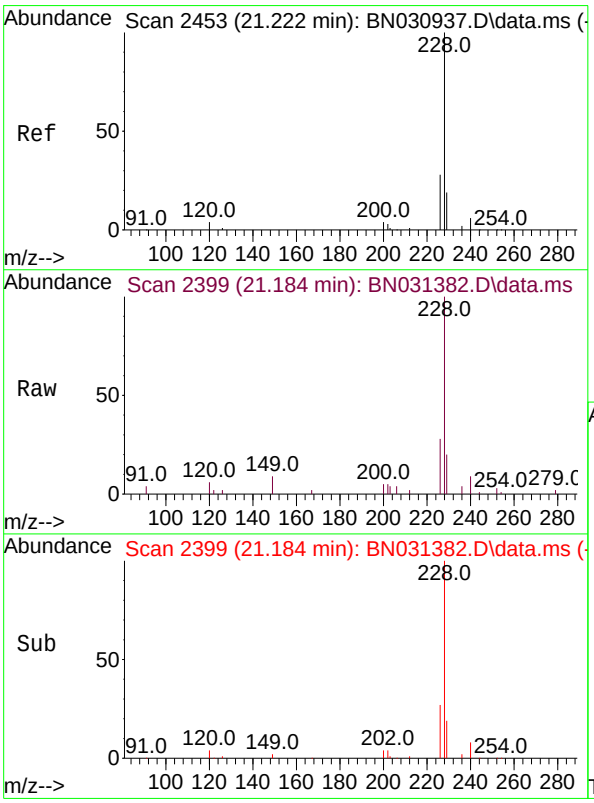
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.644 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 6700

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	13.0	12.7	19.1

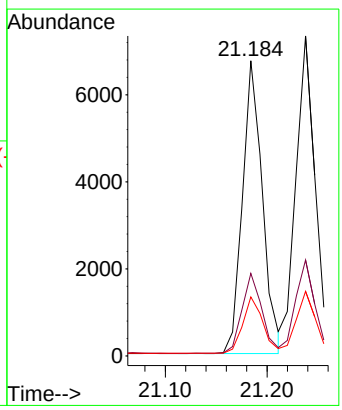


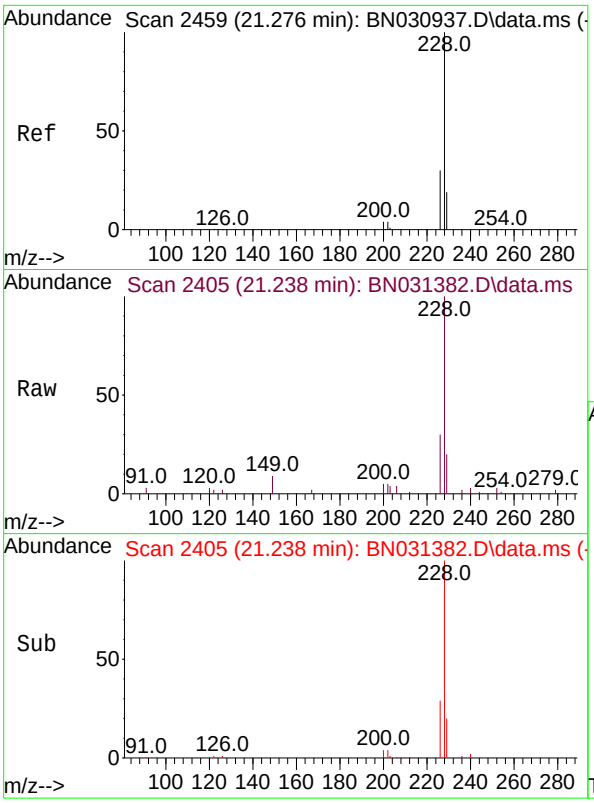


#32
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.184 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:228 Resp: 9153

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	20.0	15.7	23.5



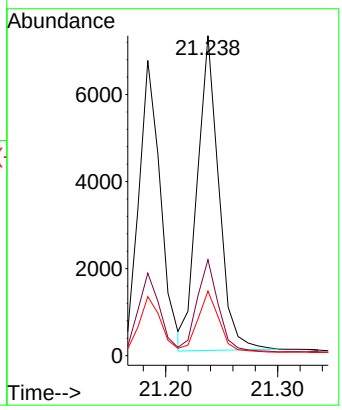


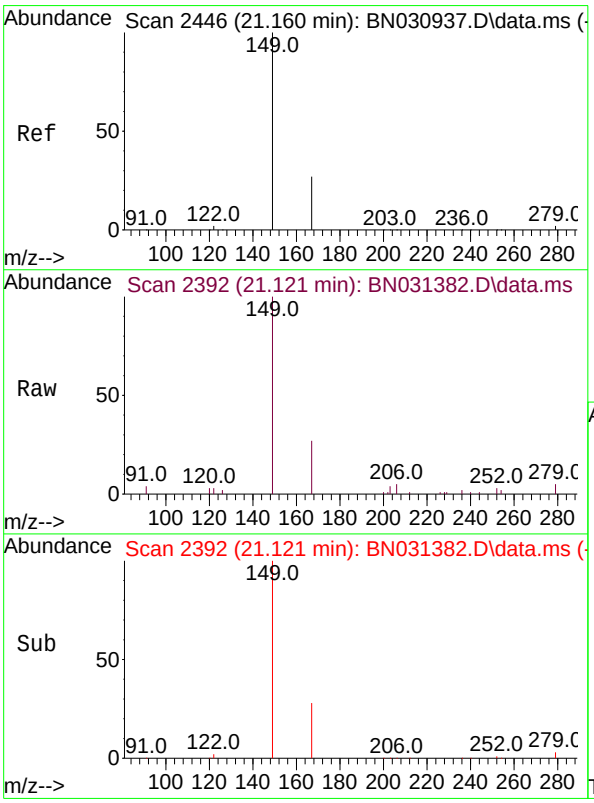
#33
Chrysene
Concen: 0.347 ng
RT: 21.238 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9635

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.2	15.8	23.6

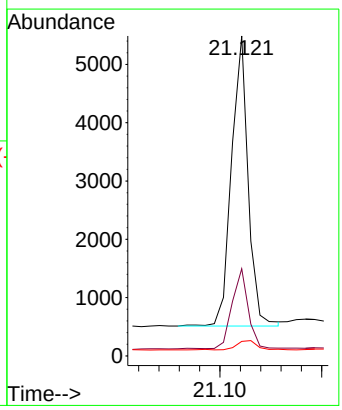


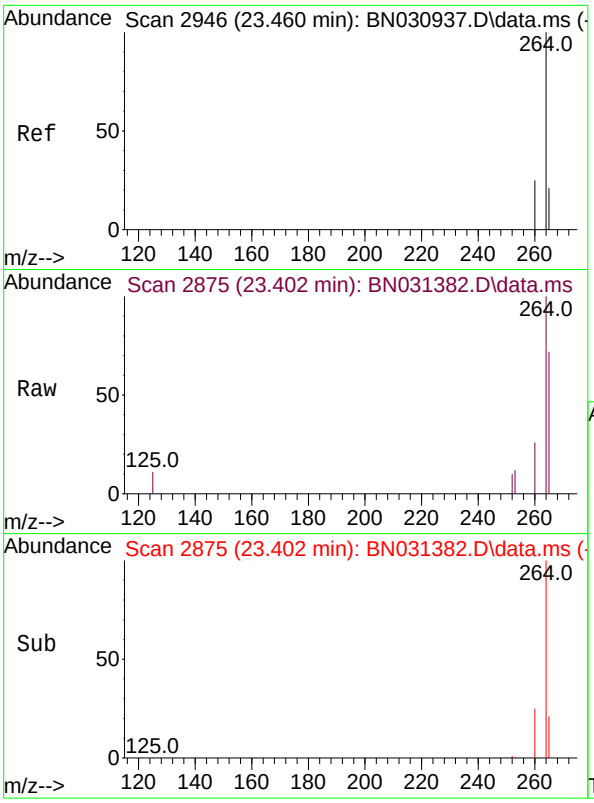


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.483 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:149 Resp: 5650

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	4.1	2.9	4.3



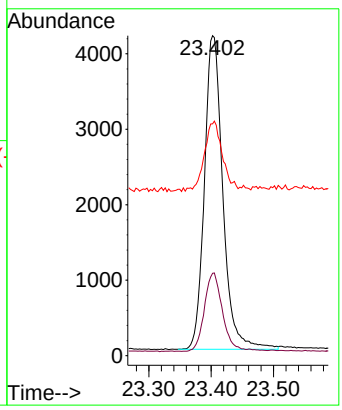


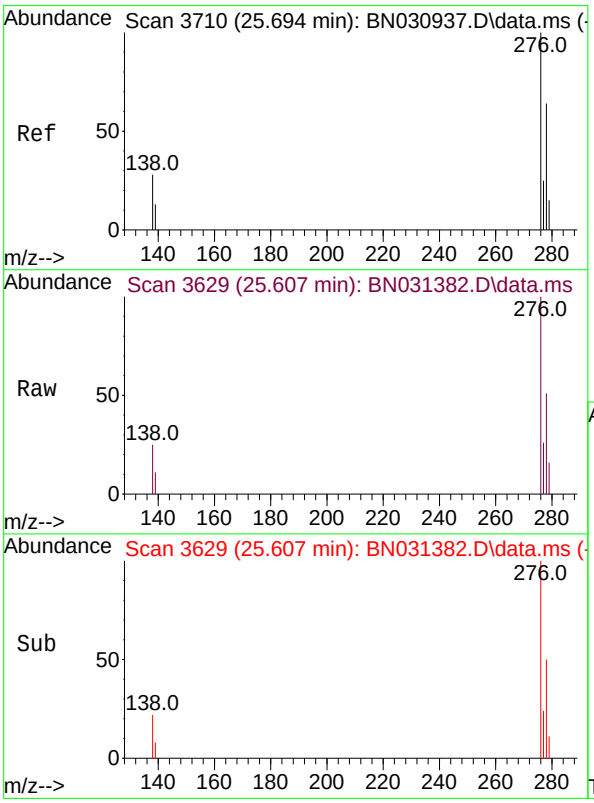
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.402 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 8536

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	31.0
265	72.4	53.3	79.9

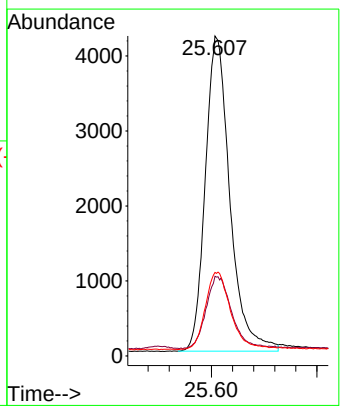


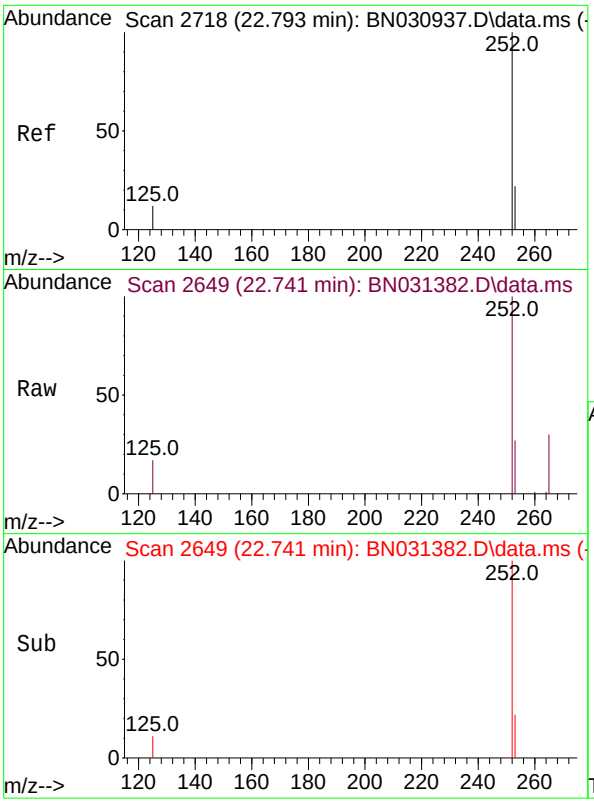


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.342 ng
RT: 25.607 min Scan# 3629
Delta R.T. -0.012 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:276 Resp: 13587

Ion	Ratio	Lower	Upper
276	100		
138	24.0	23.1	34.7
277	25.3	19.9	29.9



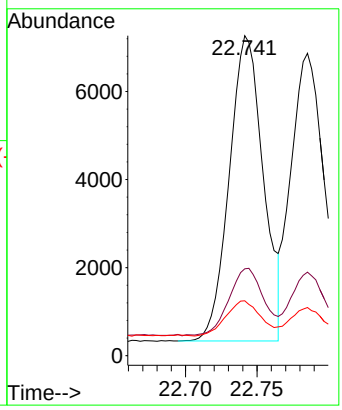


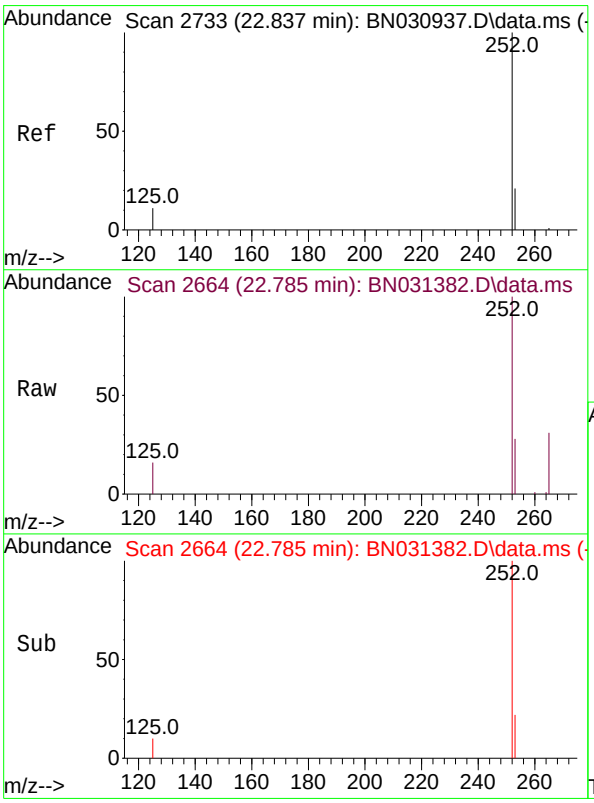
#37
Benzo(b)fluoranthene
Concen: 0.326 ng
RT: 22.741 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11498

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.2	30.2
125	17.1	13.4	20.2

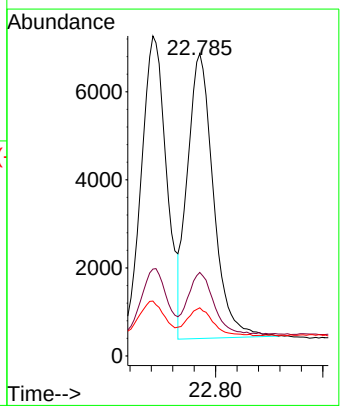


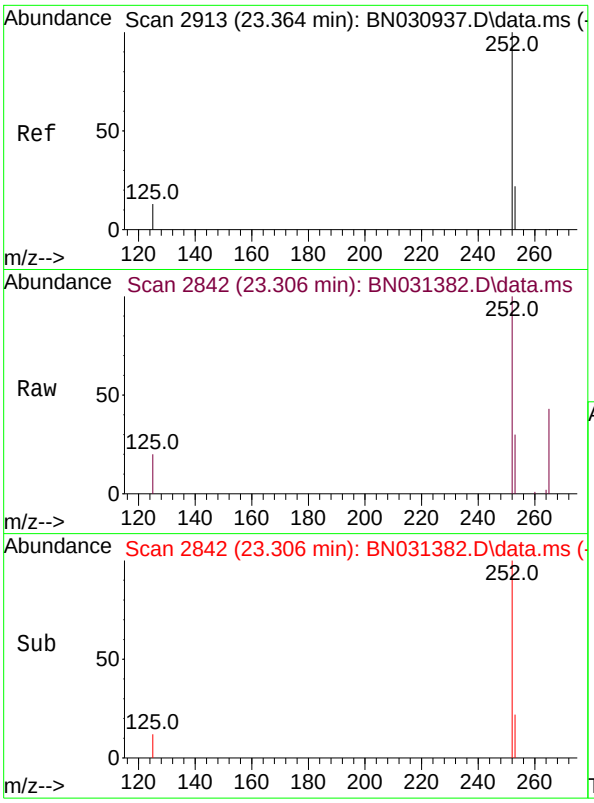


#38
Benzo(k)fluoranthene
Concen: 0.316 ng
RT: 22.785 min Scan# 2664
Delta R.T. -0.006 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:252 Resp: 10895

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.9	29.9
125	15.9	13.2	19.8



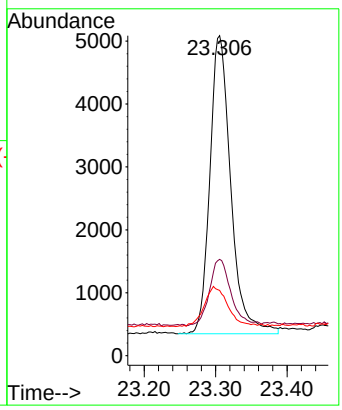


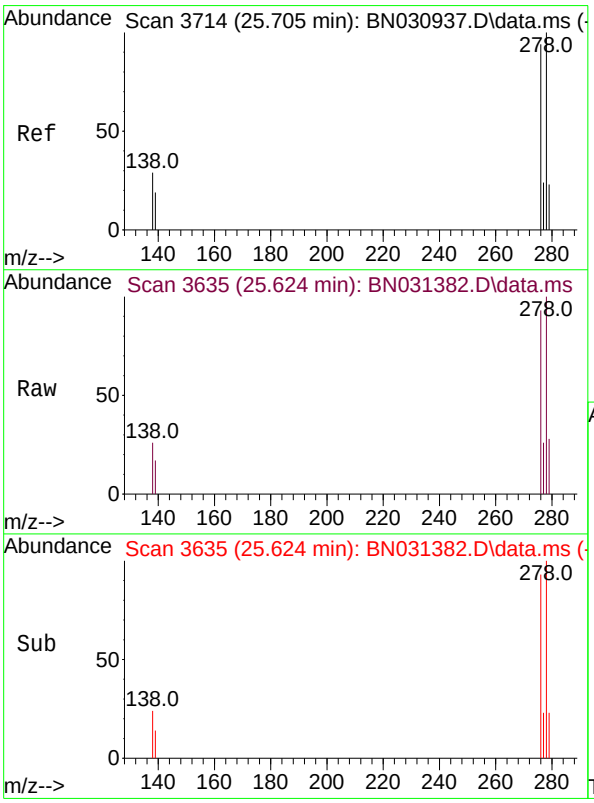
#39
Benzo(a)pyrene
Concen: 0.329 ng
RT: 23.306 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9641

Ion	Ratio	Lower	Upper
252	100		
253	30.1	21.4	32.2
125	20.4	16.6	25.0

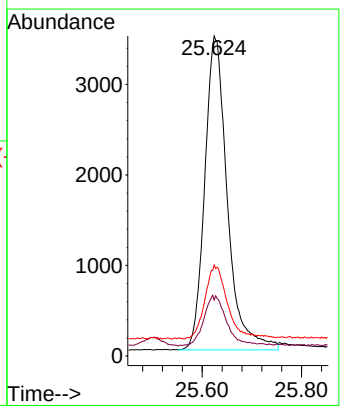


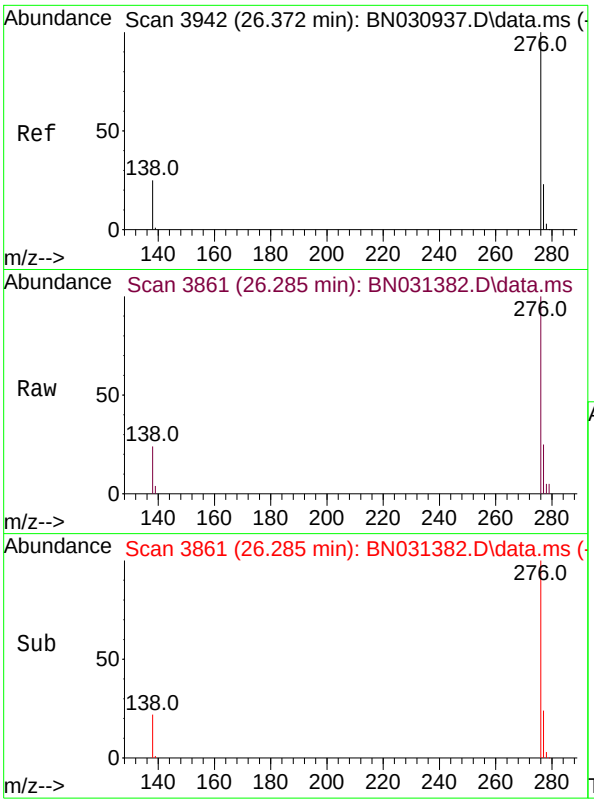


#40
Dibenzo(a,h)anthracene
Concen: 0.345 ng
RT: 25.624 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Tgt Ion:278 Resp: 10967

Ion	Ratio	Lower	Upper
278	100		
139	17.5	16.3	24.5
279	28.4	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 26.285 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN031382.D
Acq: 02 May 2024 21:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12263

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.4	29.2
138	23.9	21.0	31.4