Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022982.D
Acq On : 30 Nov 2022 12:41
Operator : CG/JU
Sample : PB149254BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Quant Time: Nov 30 23:00:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

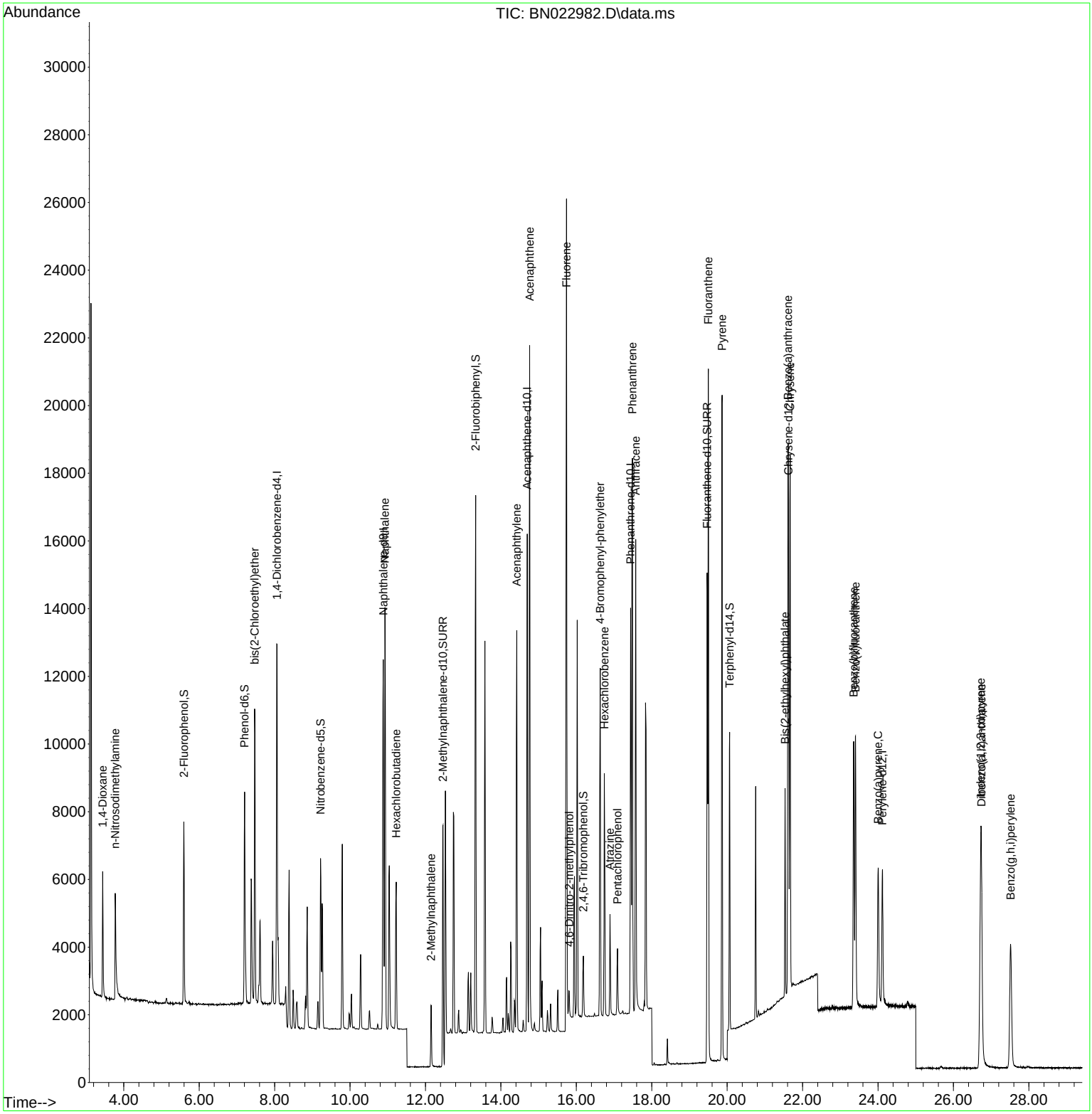
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	5257	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	14482	0.400	ng		# 0.00
13) Acenaphthene-d10	14.698	164	7538	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	15268	0.400	ng		0.00
29) Chrysene-d12	21.625	240	8865	0.400	ng		# 0.00
35) Perylene-d12	24.118	264	5925	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	4239	0.310	ng		0.00
5) Phenol-d6	7.204	99	5579	0.321	ng		0.00
8) Nitrobenzene-d5	9.217	82	4008	0.356	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	10351	0.330	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1032	0.284	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	13282	0.385	ng		0.00
27) Fluoranthene-d10	19.469	212	14916	0.360	ng		0.00
31) Terphenyl-d14	20.067	244	7696	0.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2252	0.338	ng		97
3) n-Nitrosodimethylamine	3.774	42	2322	0.323	ng		87
6) bis(2-Chloroethyl)ether	7.472	93	6185	0.379	ng		99
9) Naphthalene	10.925	128	16034	0.359	ng		100
10) Hexachlorobutadiene	11.224	225	3461	0.378	ng	#	100
12) 2-Methylnaphthalene	12.148	142	2608	0.287	ng	#	95
16) Acenaphthylene	14.420	152	12878	0.323	ng		99
17) Acenaphthene	14.762	154	9588	0.365	ng		98
18) Fluorene	15.739	166	11870	0.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.813	198	610	0.357	ng	#	67
21) 4-Bromophenyl-phenylether	16.632	248	3818	0.346	ng		93
22) Hexachlorobenzene	16.744	284	5142	0.382	ng		96
23) Atrazine	16.893	200	2251	0.290	ng		96
24) Pentachlorophenol	17.092	266	1008	0.274	ng		99
25) Phenanthrene	17.489	178	19151	0.361	ng		100
26) Anthracene	17.576	178	14778	0.321	ng		100
28) Fluoranthene	19.502	202	18222	0.323	ng		99
30) Pyrene	19.865	202	17312	0.375	ng		100
32) Benzo(a)anthracene	21.616	228	12037	0.336	ng		99
33) Chrysene	21.670	228	13832	0.372	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	5246	0.365	ng		98
36) Indeno(1,2,3-cd)pyrene	26.723	276	10129	0.412	ng		97
37) Benzo(b)fluoranthene	23.354	252	10573	0.400	ng	#	92
38) Benzo(k)fluoranthene	23.404	252	10751	0.375	ng	#	94
39) Benzo(a)pyrene	24.003	252	7124	0.353	ng	#	87
40) Dibenzo(a,h)anthracene	26.743	278	8211	0.421	ng		94
41) Benzo(g,h,i)perylene	27.515	276	8673	0.412	ng		96

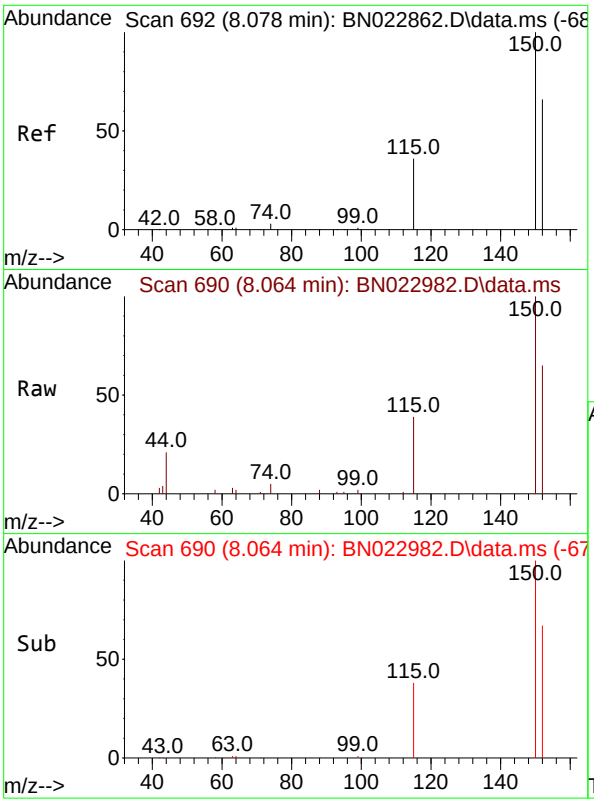
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022982.D
Acq On : 30 Nov 2022 12:41
Operator : CG/JU
Sample : PB149254BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Quant Time: Nov 30 23:00:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration



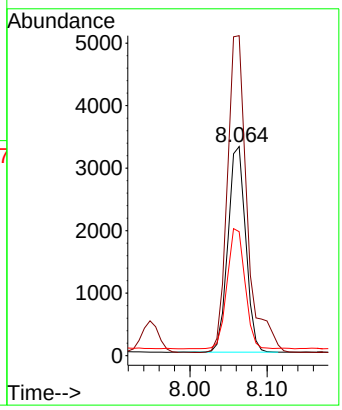


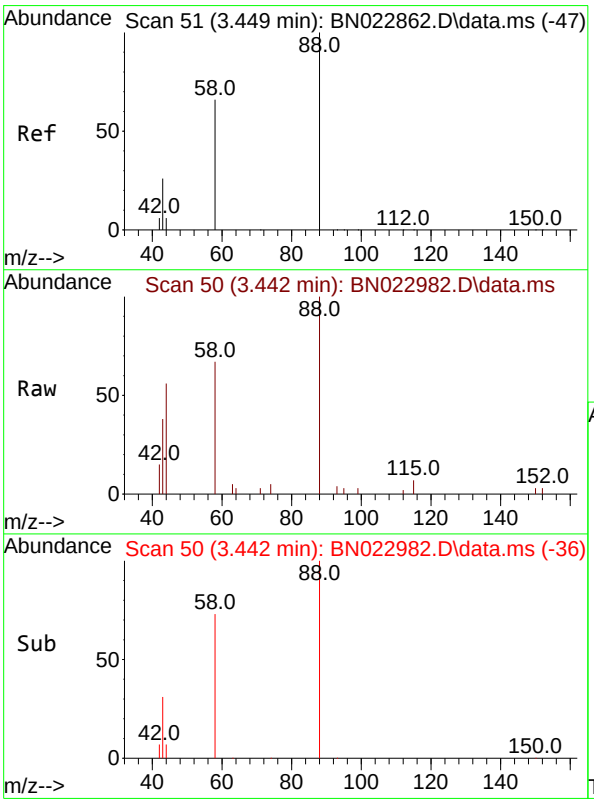
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:152 Resp: 5257

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.2	181.8
115	59.3	46.2	69.4

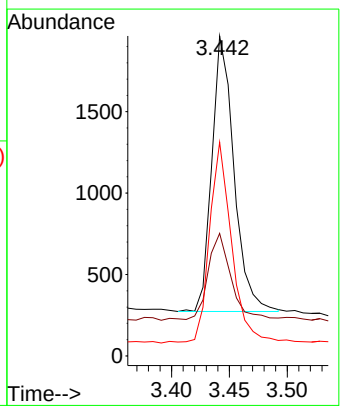


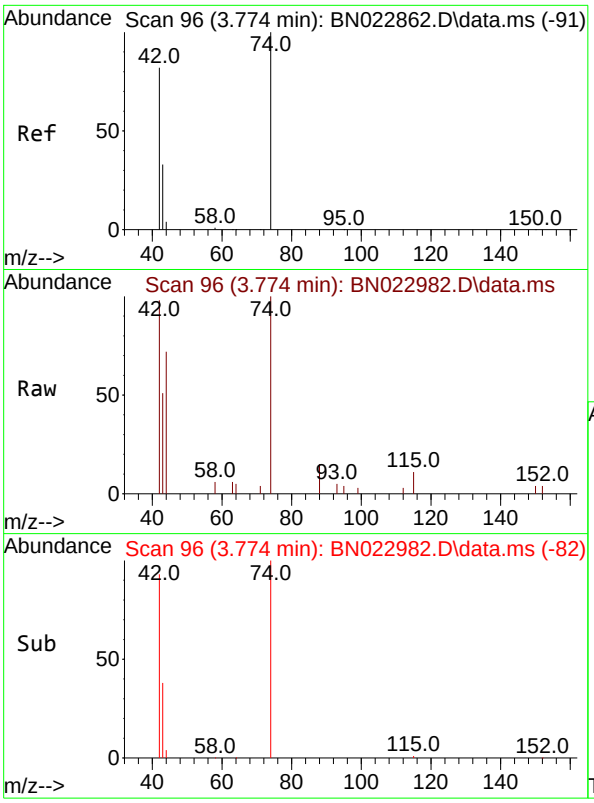


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion: 88 Resp: 2252

Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.4	38.2
58	72.6	56.5	84.7



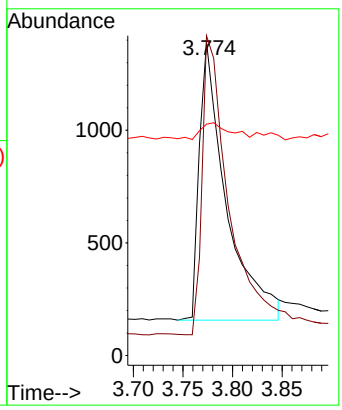


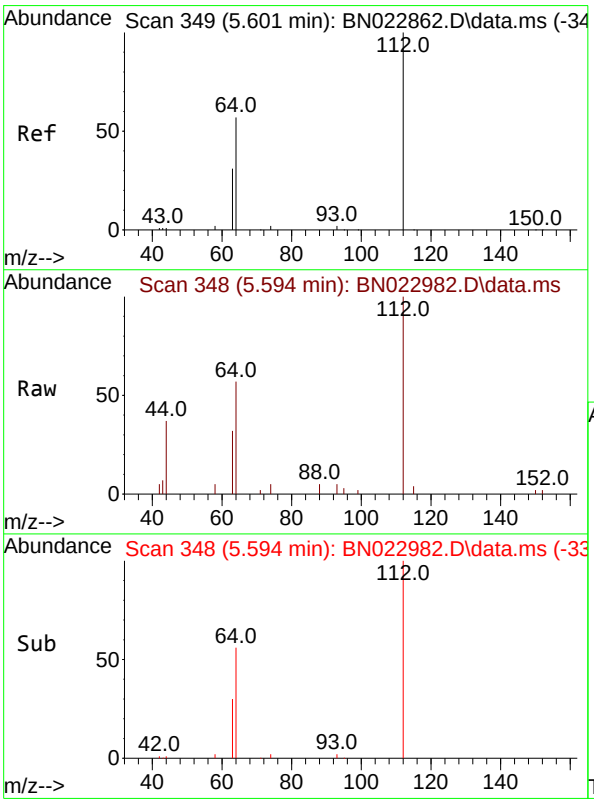
#3
n-Nitrosodimethylamine
Concen: 0.323 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion: 42 Resp: 2322

Ion	Ratio	Lower	Upper
42	100		
74	109.2	99.3	148.9
44	5.8	5.4	8.2

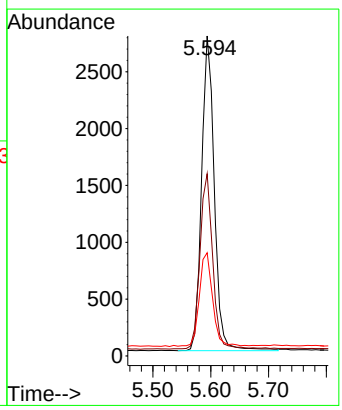


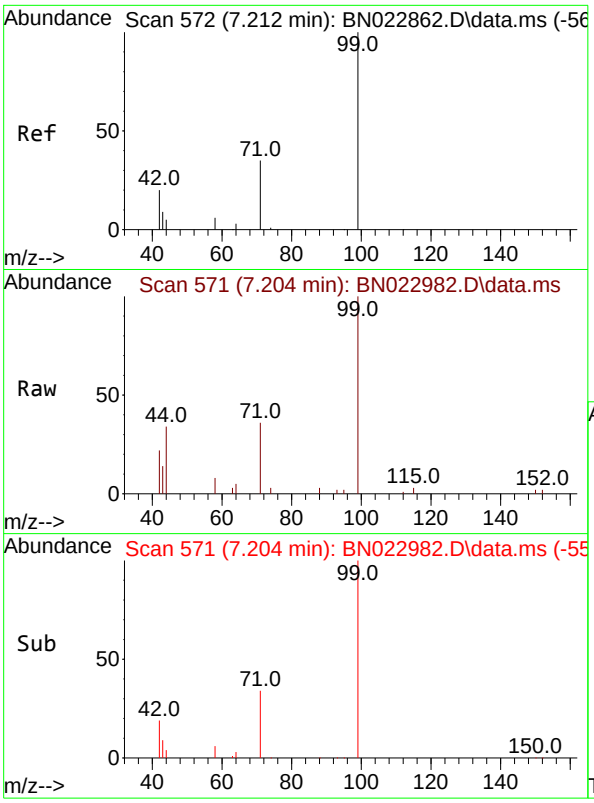


#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.007 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:112 Resp: 4239

Ion	Ratio	Lower	Upper
112	100		
64	55.6	43.4	65.2
63	30.6	23.4	35.2



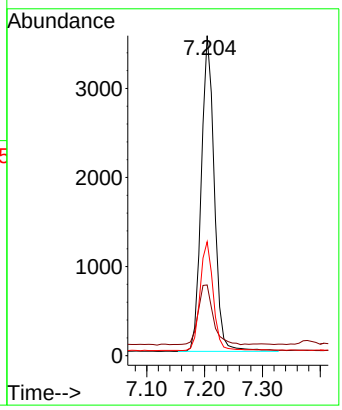


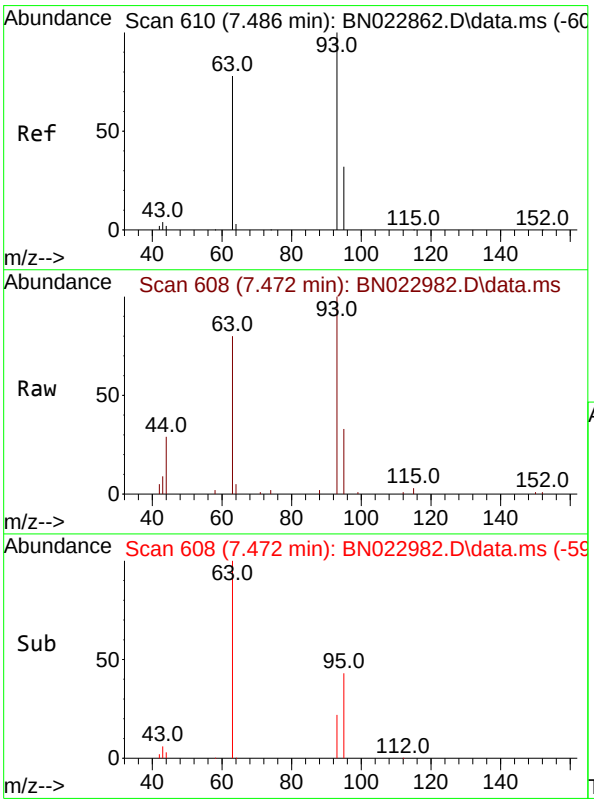
#5
Phenol-d6
Concen: 0.321 ng
RT: 7.204 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion: 99 Resp: 5579

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.0	24.0
71	34.9	26.8	40.2

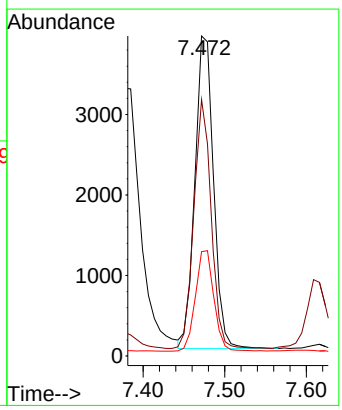


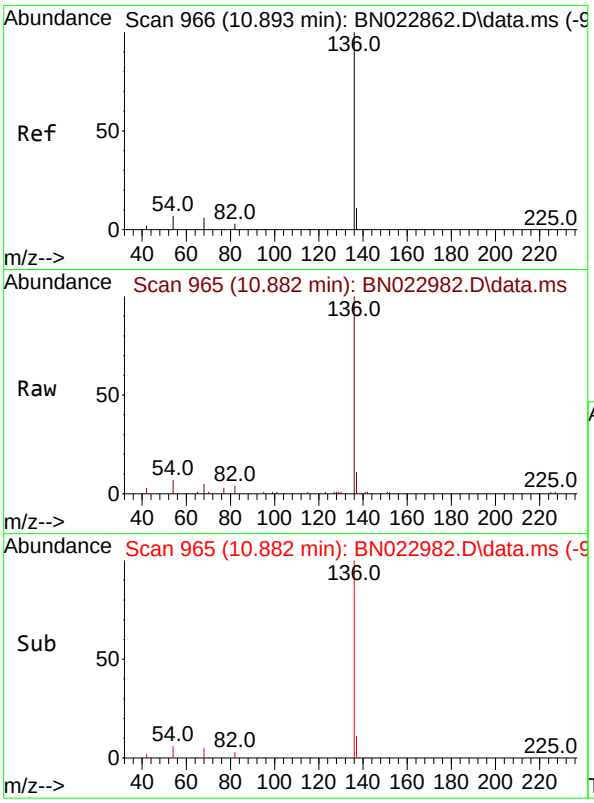


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.472 min Scan# 608
Delta R.T. -0.007 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion: 93 Resp: 6185

Ion	Ratio	Lower	Upper
93	100		
63	73.6	58.3	87.5
95	31.9	25.8	38.6



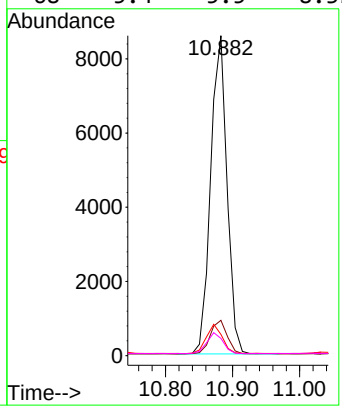


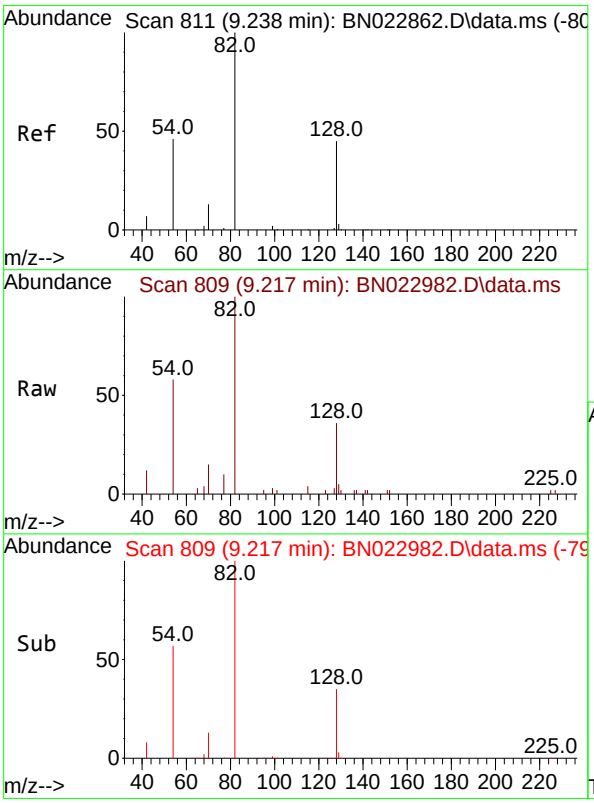
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:136 Resp: 14482

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	6.6	9.8
68	5.4	5.5	8.3#

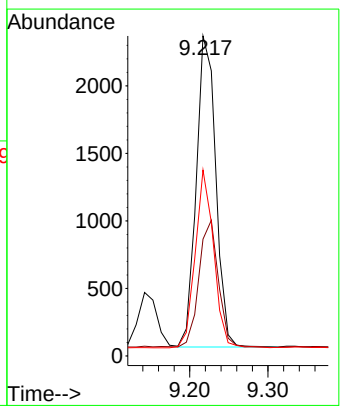


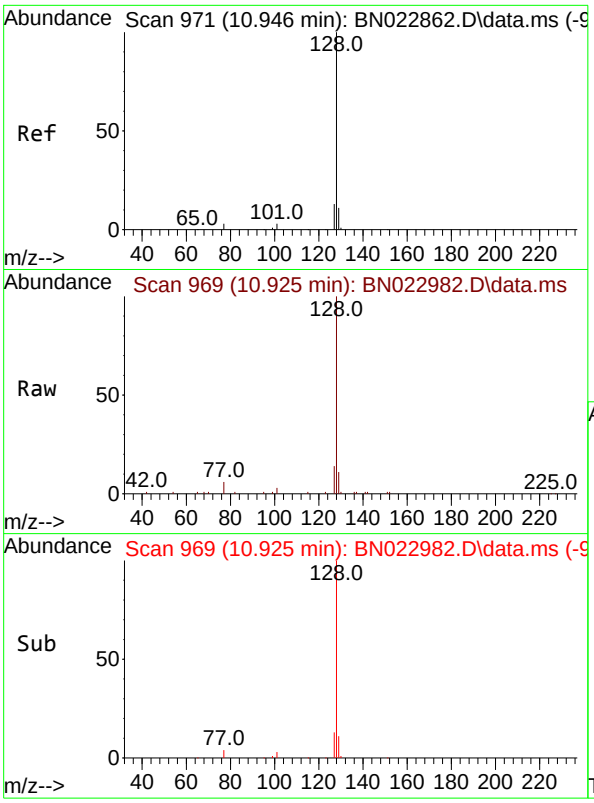


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion: 82 Resp: 4008

Ion	Ratio	Lower	Upper
82	100		
128	36.5	36.6	54.8#
54	58.1	38.5	57.7#



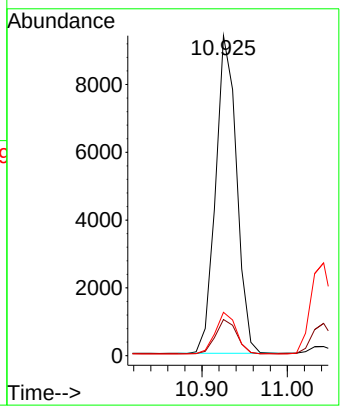


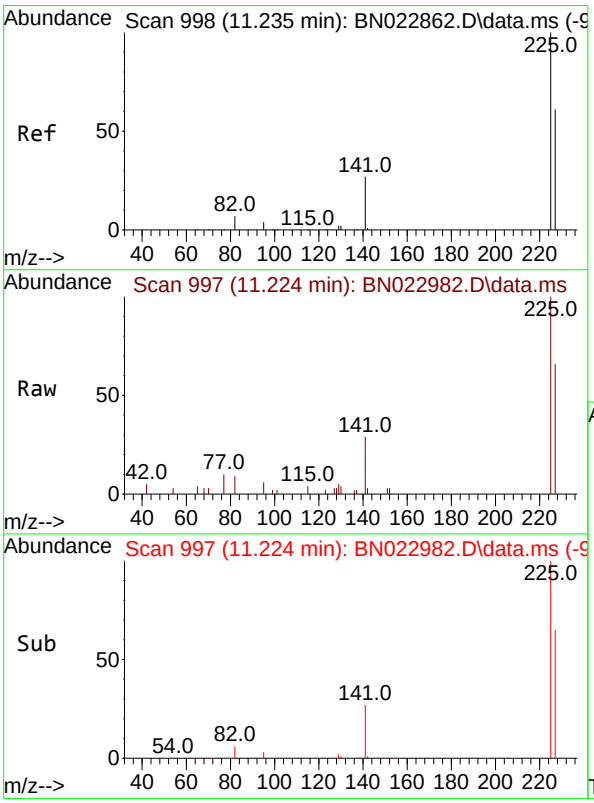
#9
Naphthalene
Concen: 0.359 ng
RT: 10.925 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:128 Resp: 16034

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.6	10.8	16.2

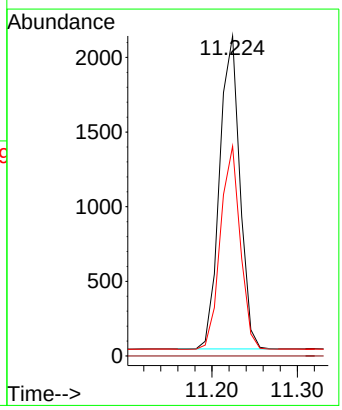


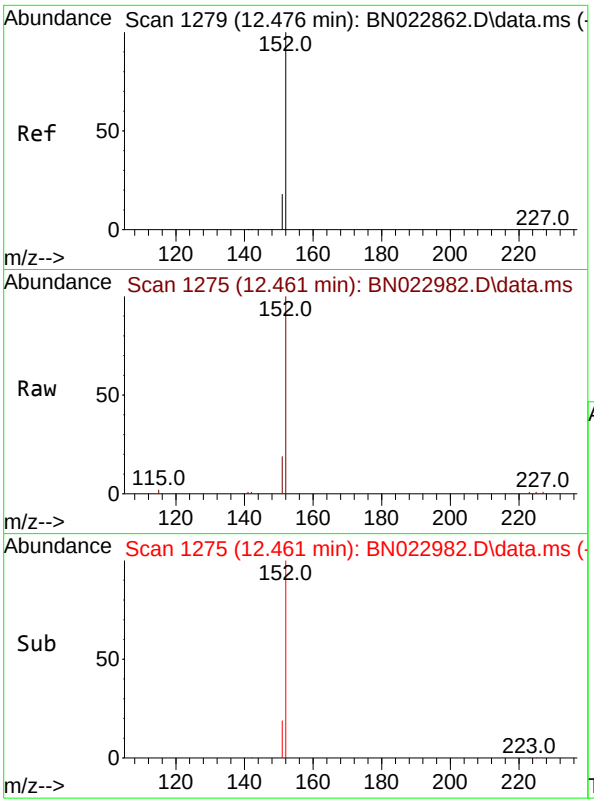


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 11.224 min Scan# 997
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:225 Resp: 3461

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.8	76.2



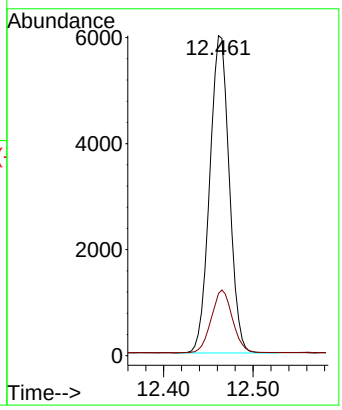


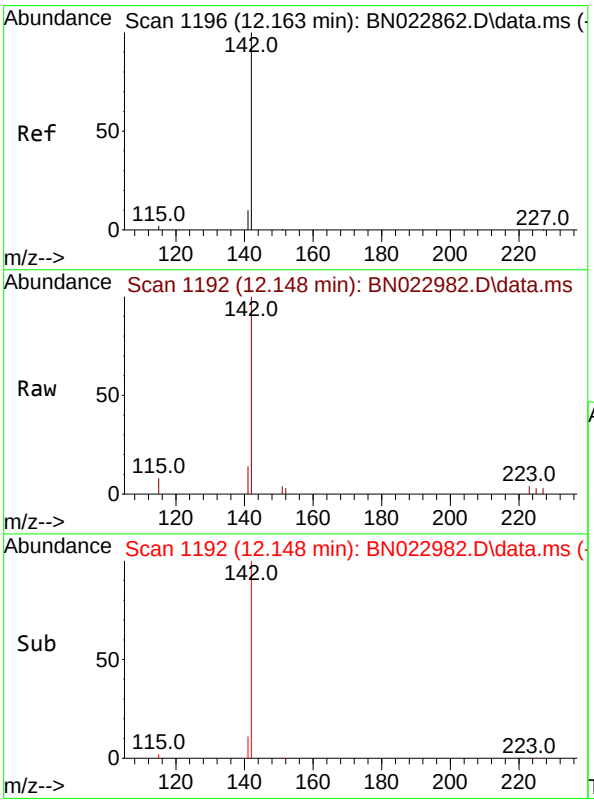
#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.461 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:152 Resp: 10351

Ion	Ratio	Lower	Upper
152	100		
151	21.5	18.6	27.8

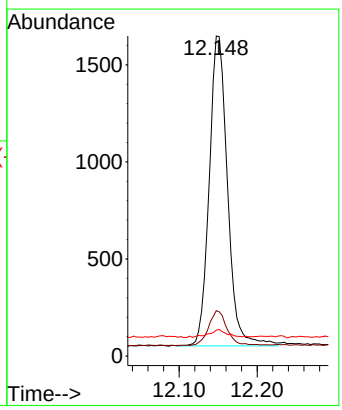


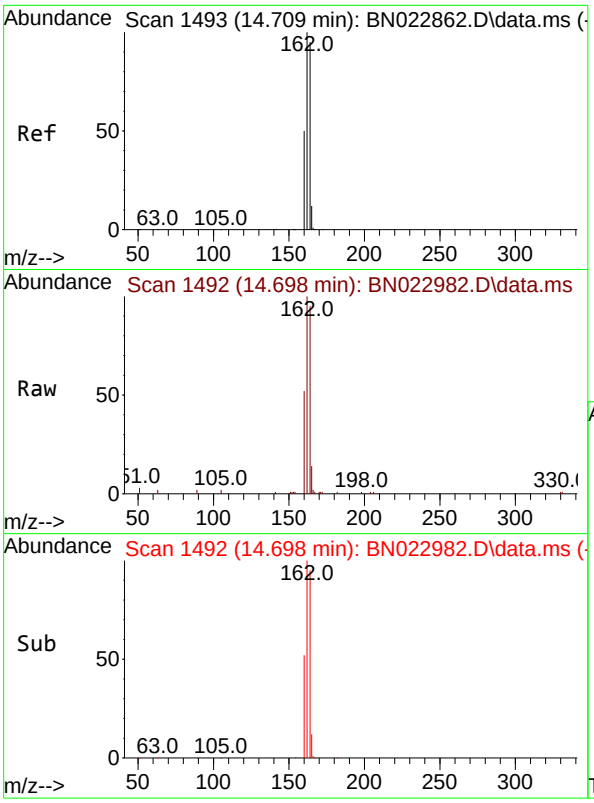


#12
2-Methylnaphthalene
Concen: 0.287 ng
RT: 12.148 min Scan# 1192
Delta R.T. -0.004 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:142 Resp: 2608

Ion	Ratio	Lower	Upper
142	100		
141	14.2	10.1	15.1
115	8.1	4.6	7.0#



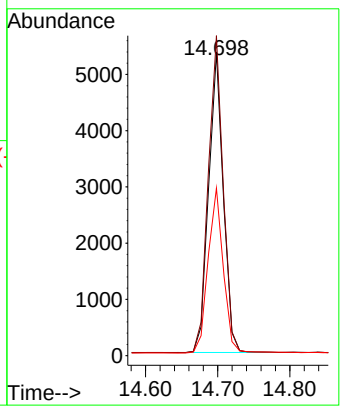


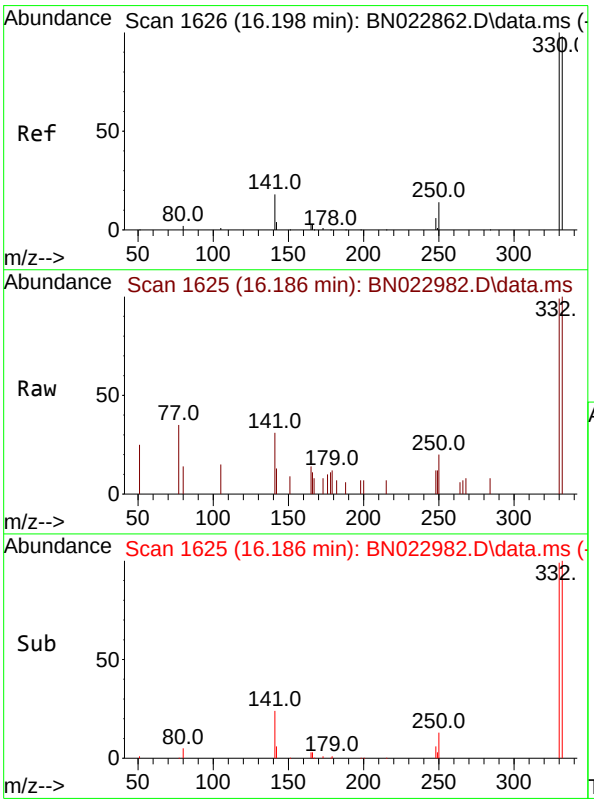
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:164 Resp: 7538

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.2	126.4
160	55.3	42.5	63.7

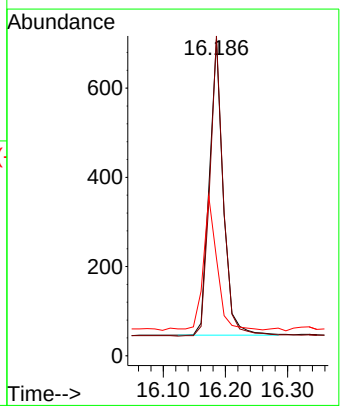


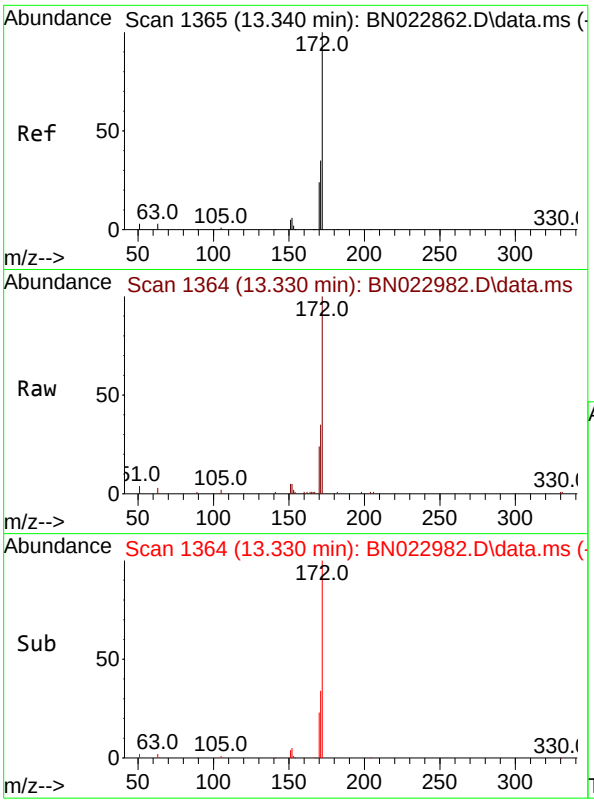


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:330 Resp: 1032

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.5	114.7
141	44.1	32.6	48.8



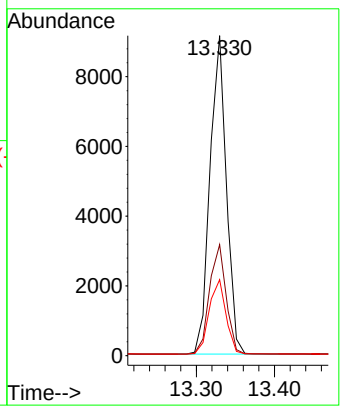


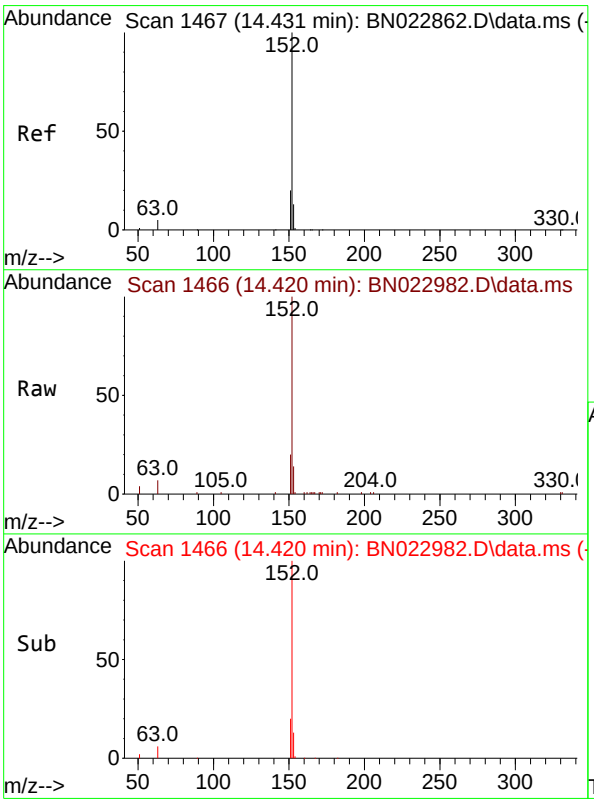
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:172 Resp: 13282

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.4
170	23.7	19.3	28.9

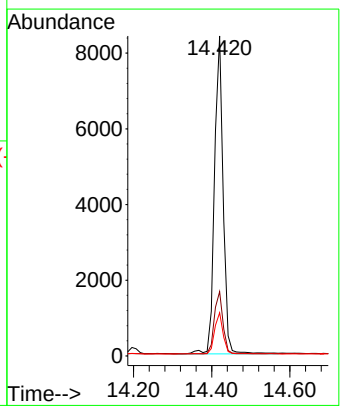


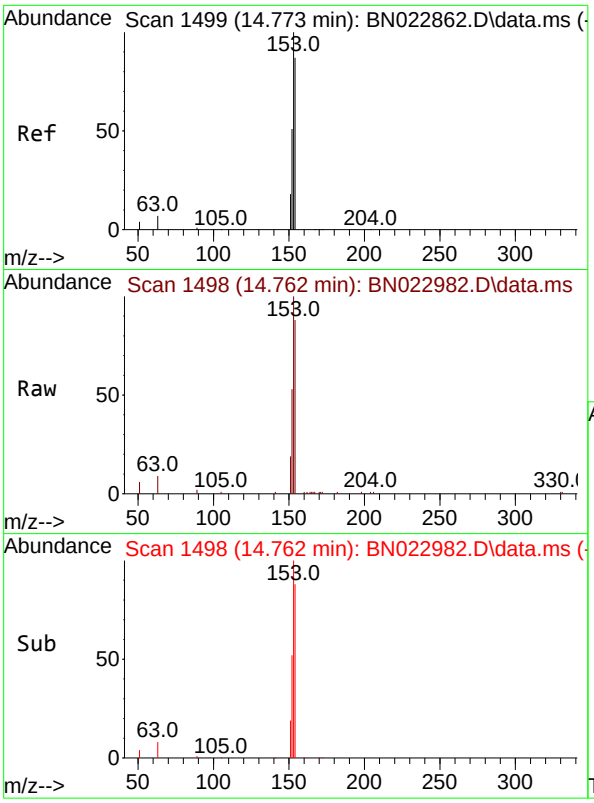


#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:152 Resp: 12878

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	12.9	10.5	15.7



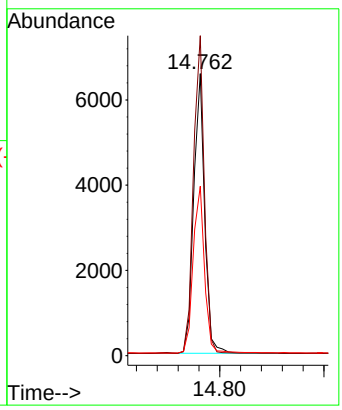


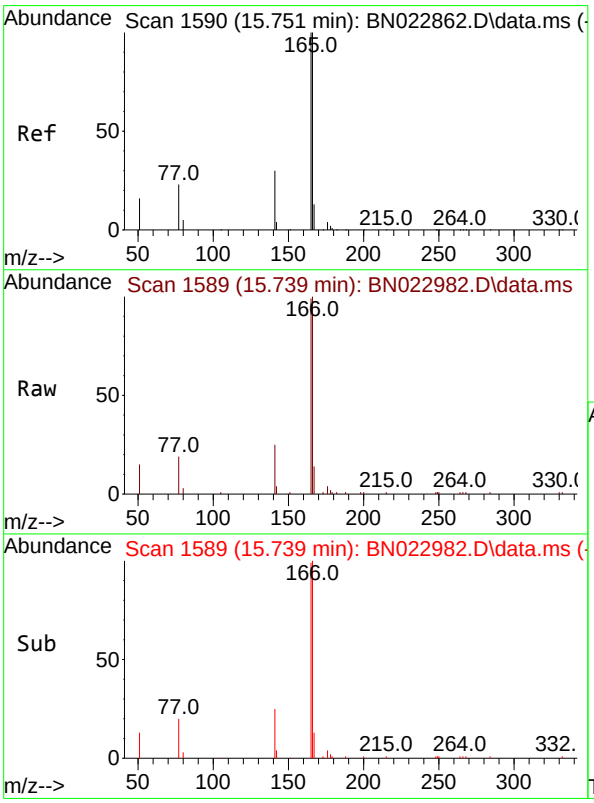
#17
Acenaphthene
Concen: 0.365 ng
RT: 14.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:154 Resp: 9588

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.0	135.0
152	61.8	47.0	70.6

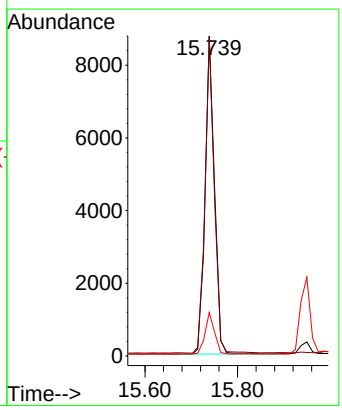


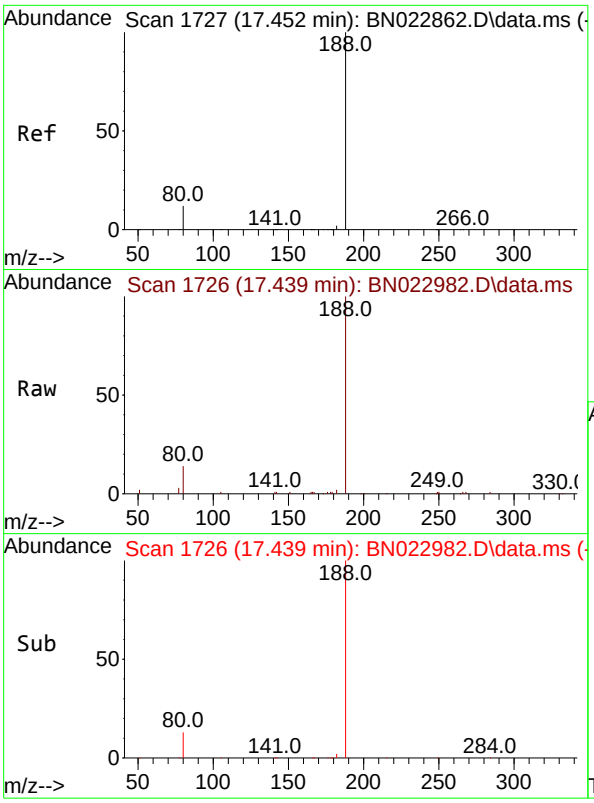


#18
Fluorene
Concen: 0.353 ng
RT: 15.739 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:166 Resp: 11870

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.4	119.0
167	13.0	10.7	16.1



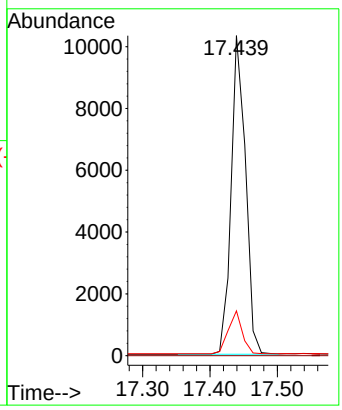


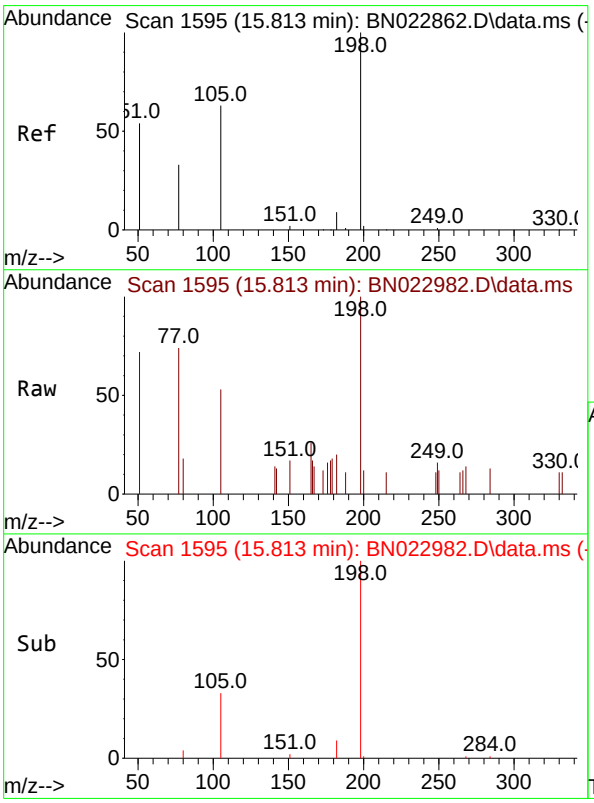
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:188 Resp: 15268

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	10.3	15.5

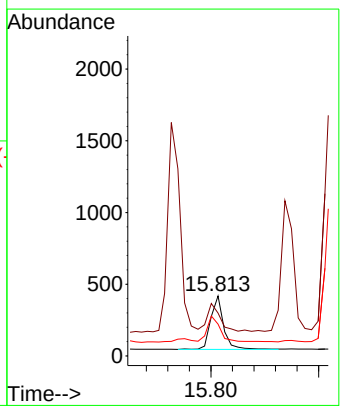


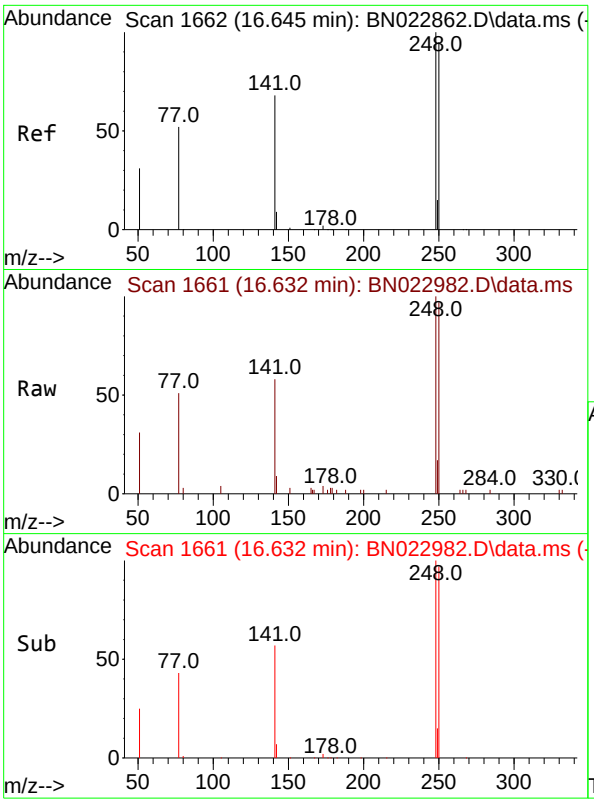


#20
4,6-Dinitro-2-methylphenol
Concen: 0.357 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:198 Resp: 610

Ion	Ratio	Lower	Upper
198	100		
51	71.5	80.5	120.7#
105	53.1	70.5	105.7#



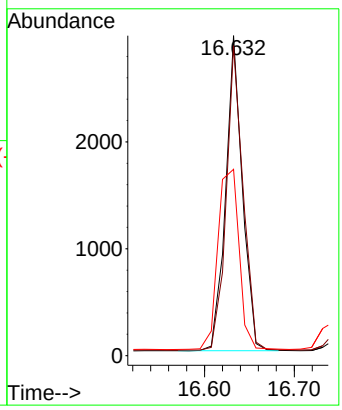


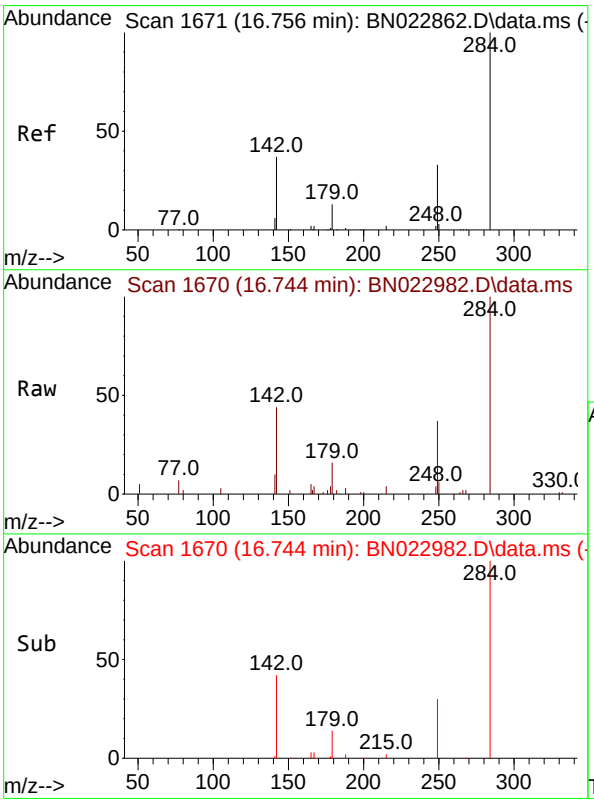
#21
4-Bromophenyl-phenylether
Concen: 0.346 ng
RT: 16.632 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:248 Resp: 3818

Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.8	113.6
141	58.2	55.4	83.0

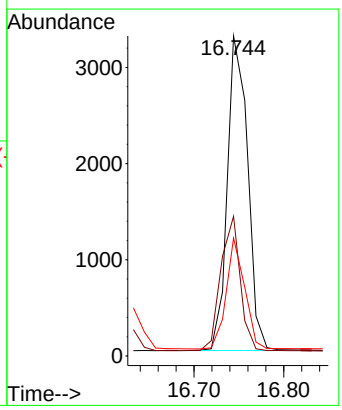


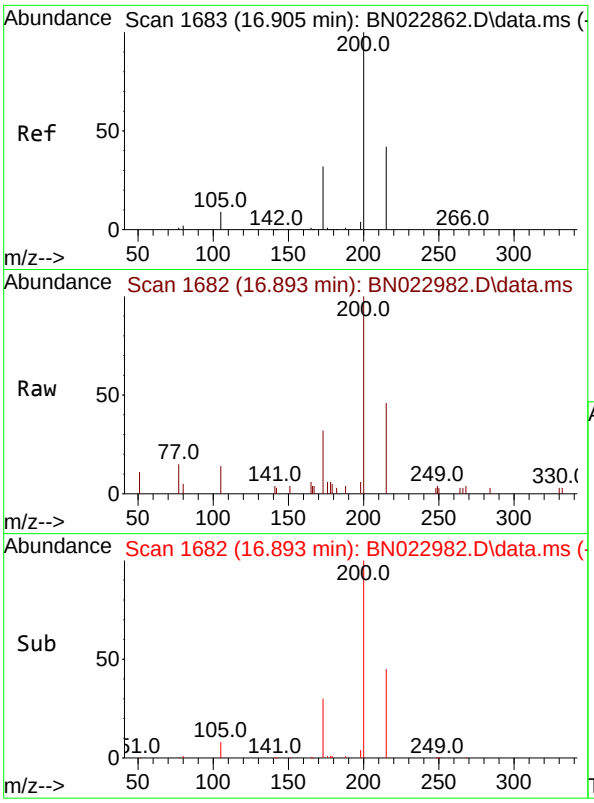


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:284 Resp: 5142

Ion	Ratio	Lower	Upper
284	100		
142	41.0	30.1	45.1
249	31.7	24.5	36.7



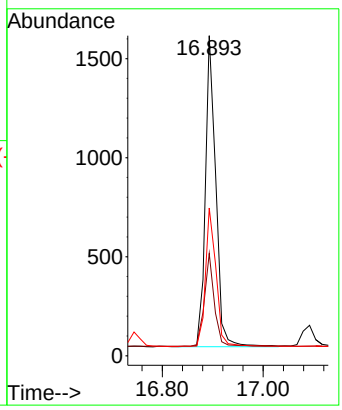


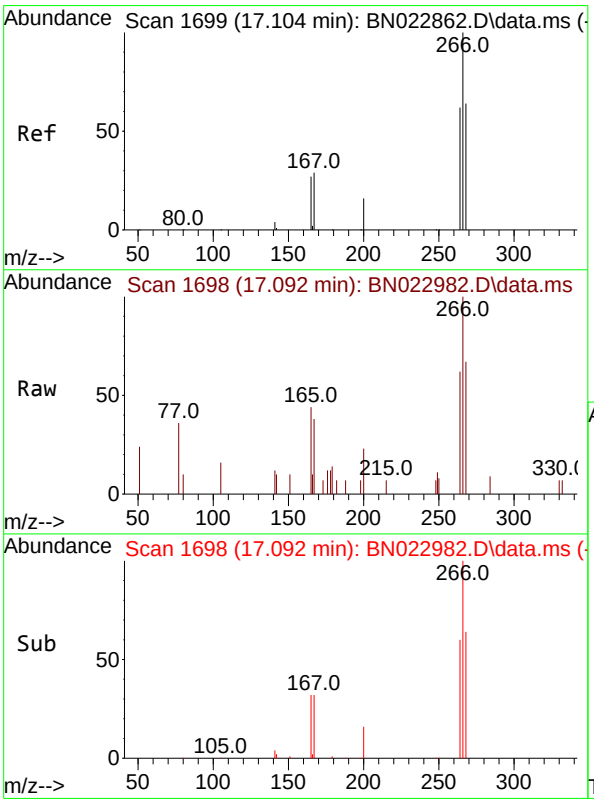
#23
Atrazine
Concen: 0.290 ng
RT: 16.893 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:200 Resp: 2251

Ion	Ratio	Lower	Upper
200	100		
173	32.0	26.4	39.6
215	46.2	34.4	51.6

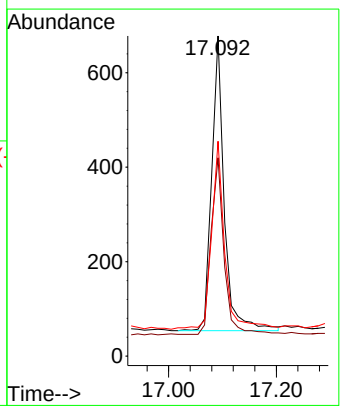


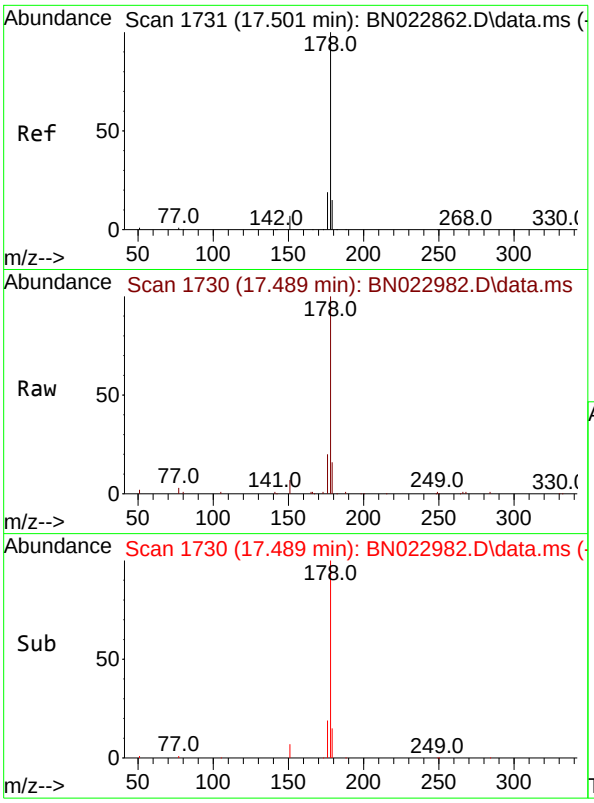


#24
Pentachlorophenol
Concen: 0.274 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:266 Resp: 1008

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	63.0	50.9	76.3



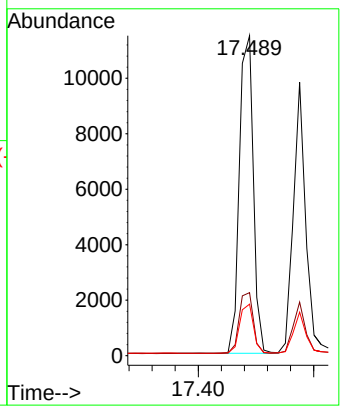


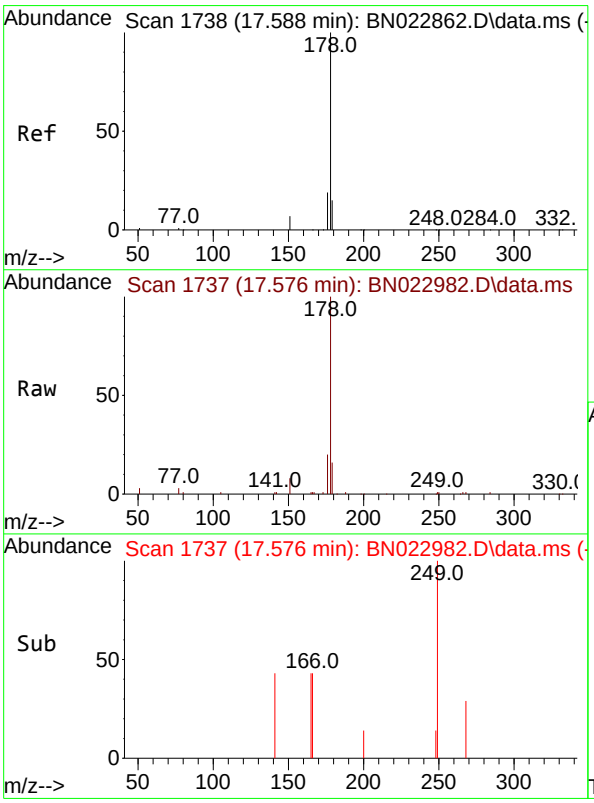
#25
Phenanthrene
Concen: 0.361 ng
RT: 17.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:178 Resp: 19151

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.2	18.2

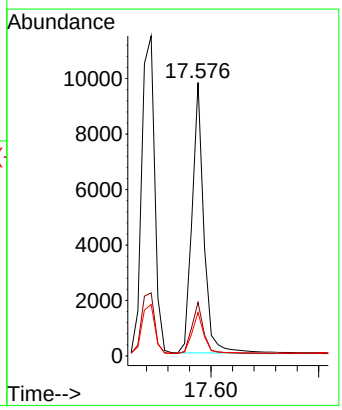


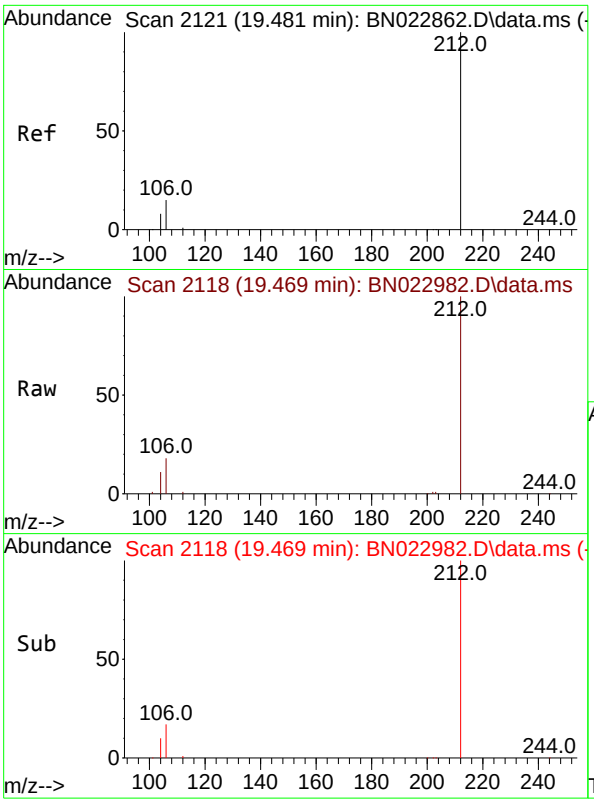


#26
Anthracene
Concen: 0.321 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:178 Resp: 14778

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.3	12.2	18.2



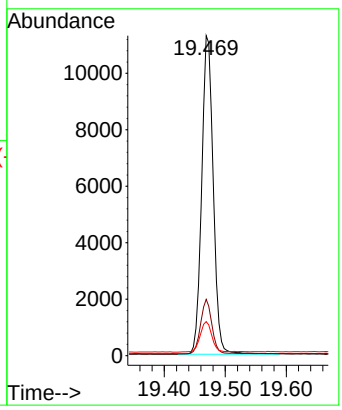


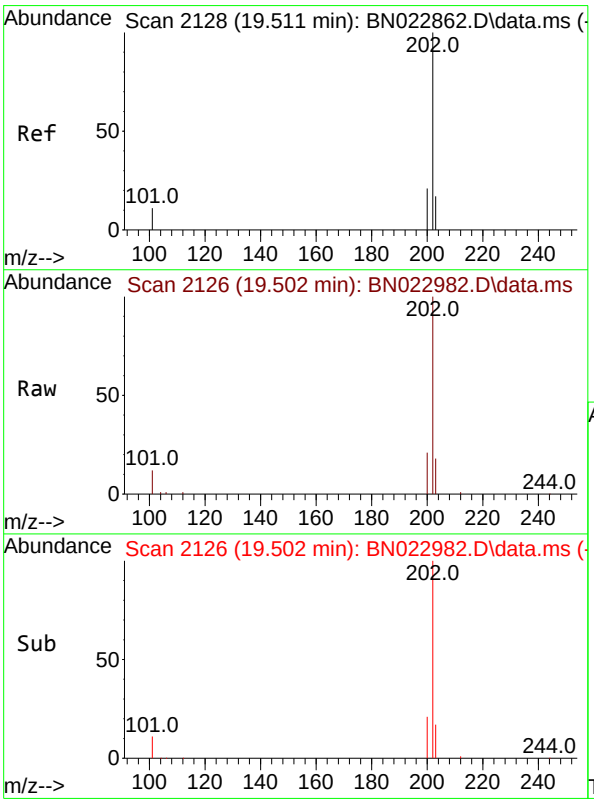
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:212 Resp: 14916

Ion	Ratio	Lower	Upper
212	100		
106	16.6	12.3	18.5
104	9.9	7.0	10.4

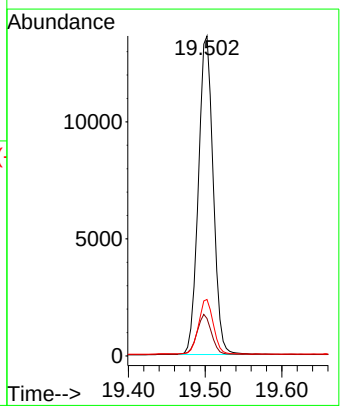


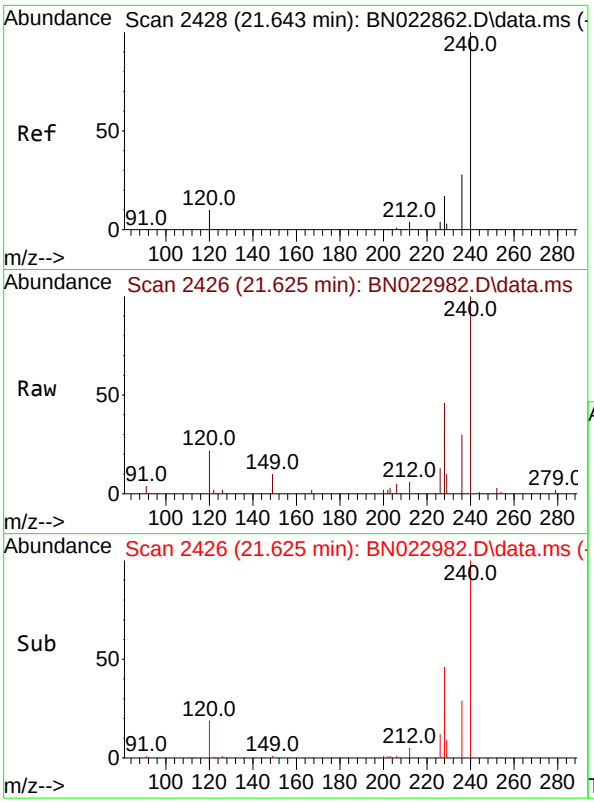


#28
Fluoranthene
Concen: 0.323 ng
RT: 19.502 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:202 Resp: 18222

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
203	17.0	13.7	20.5



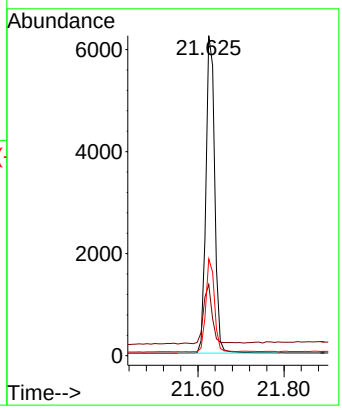


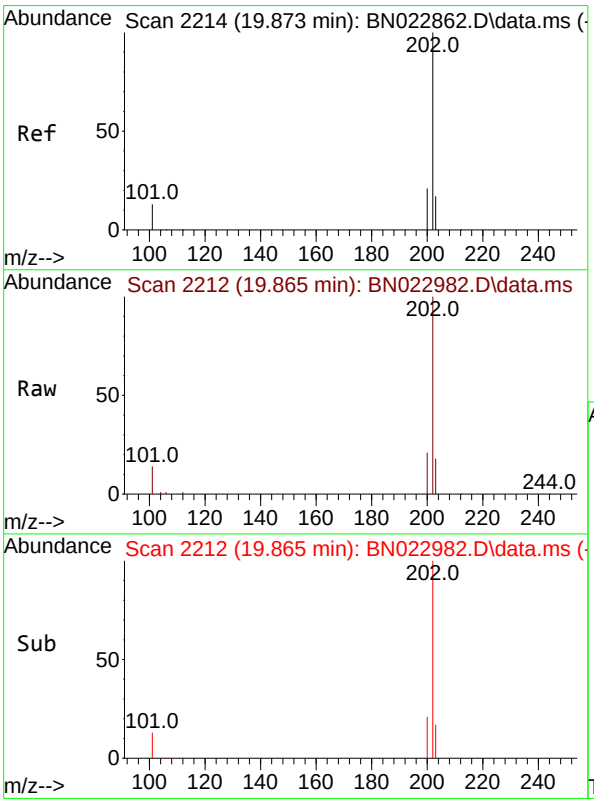
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:240 Resp: 8865

Ion	Ratio	Lower	Upper
240	100		
120	22.2	9.2	13.8#
236	30.2	22.6	34.0

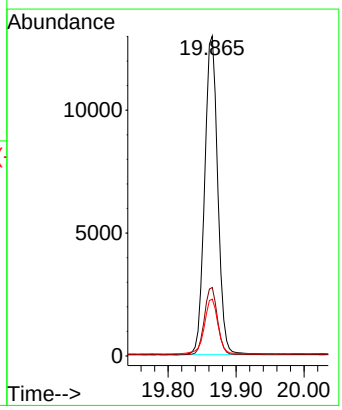


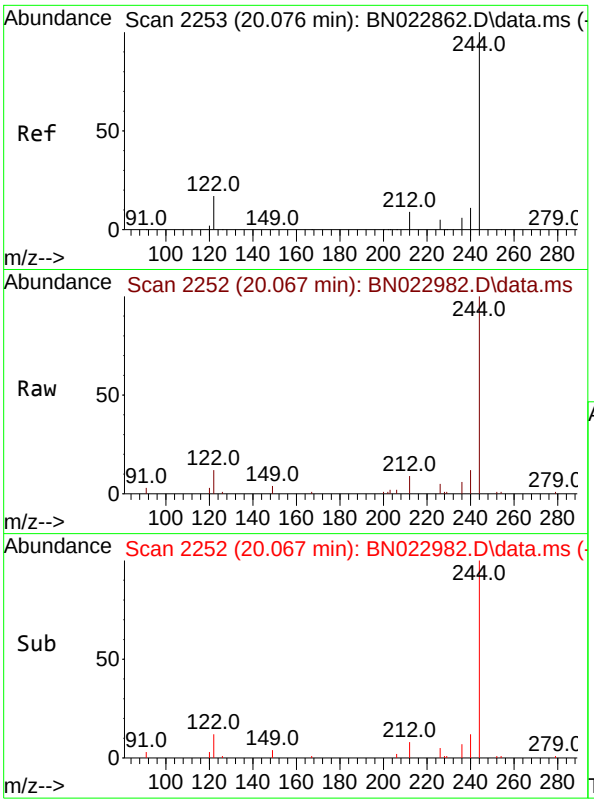


#30
Pyrene
Concen: 0.375 ng
RT: 19.865 min Scan# 2212
Delta R.T. 0.000 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:202 Resp: 17312

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	18.0	14.2	21.2



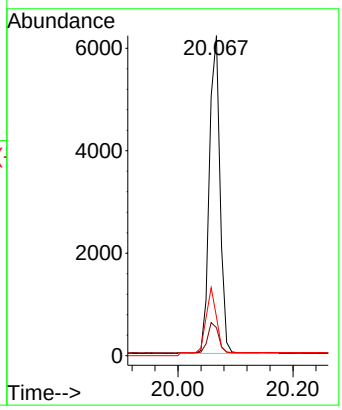


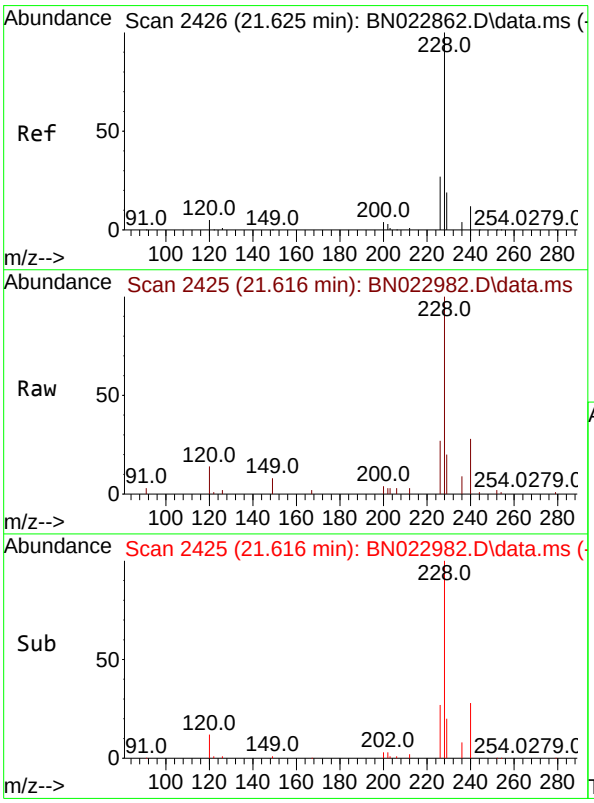
#31
Terphenyl-d14
Concen: 0.370 ng
RT: 20.067 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:244 Resp: 7696

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.9	11.9
122	12.1	13.9	20.9#

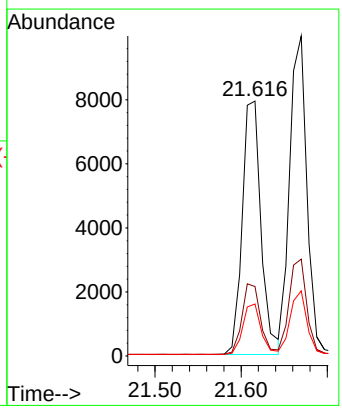


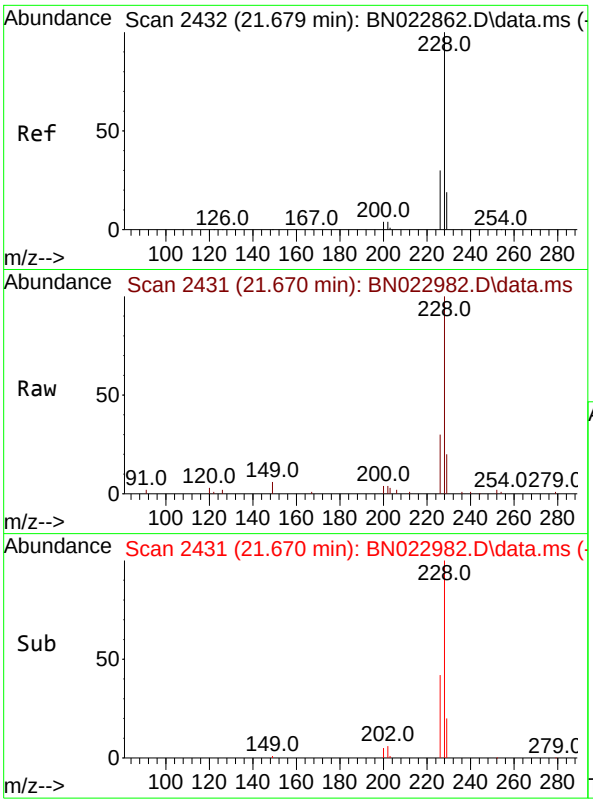


#32
Benzo(a)anthracene
Concen: 0.336 ng
RT: 21.616 min Scan# 2425
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:228 Resp: 12037

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.4	15.8	23.6



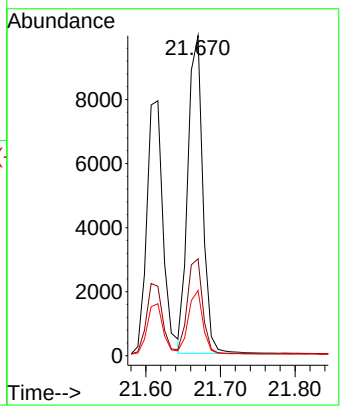


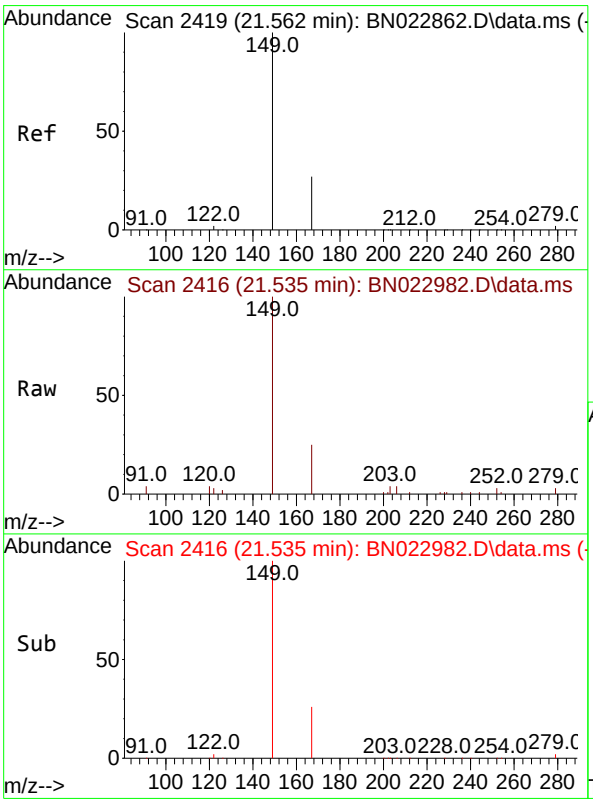
#33
Chrysene
Concen: 0.372 ng
RT: 21.670 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:228 Resp: 13832

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	20.4	15.8	23.6

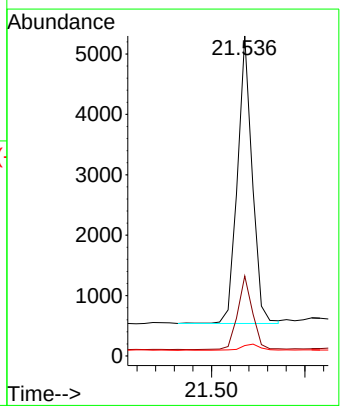


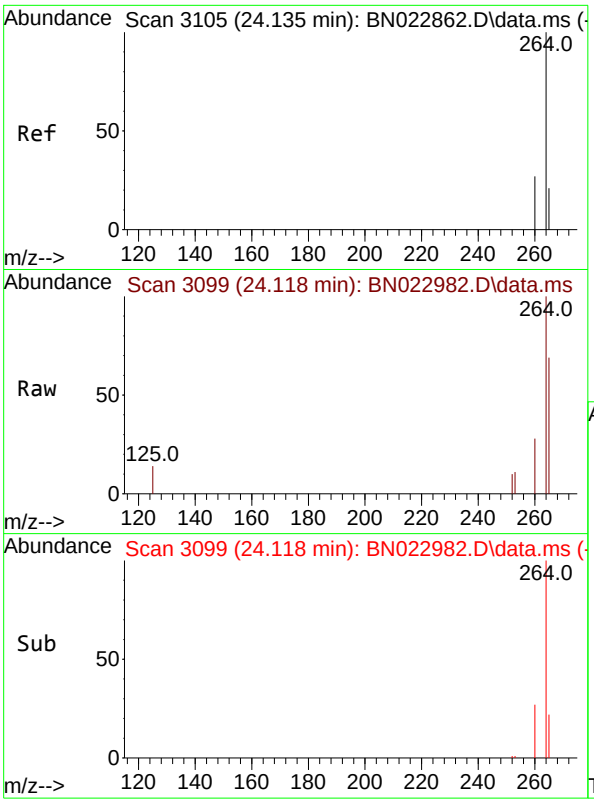


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.535 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:149 Resp: 5246

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.3	31.9
279	2.6	2.3	3.5



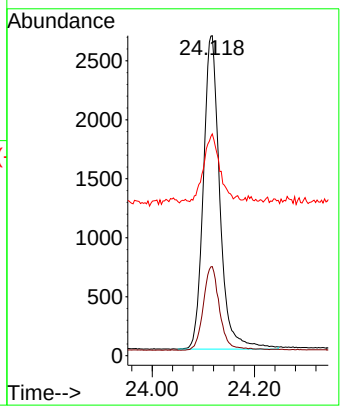


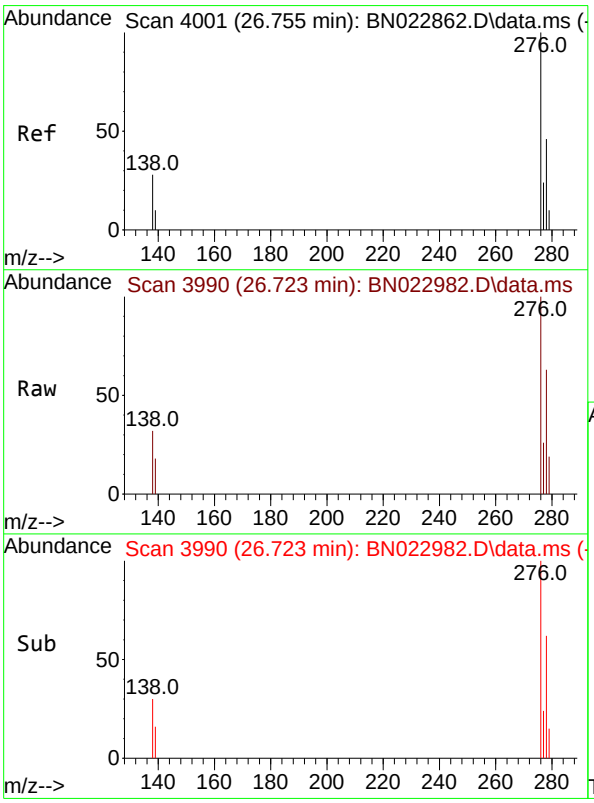
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.118 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:264 Resp: 5925

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.7	32.5
265	69.3	31.0	46.4#

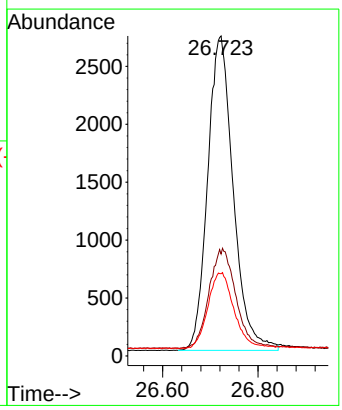


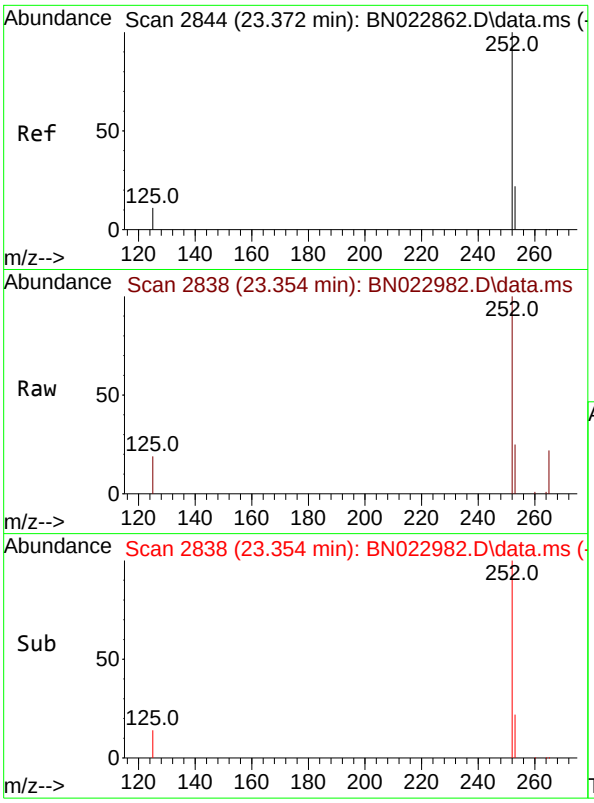


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.412 ng
RT: 26.723 min Scan# 3990
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:276 Resp: 10129

Ion	Ratio	Lower	Upper
276	100		
138	33.2	24.4	36.6
277	24.9	19.9	29.9



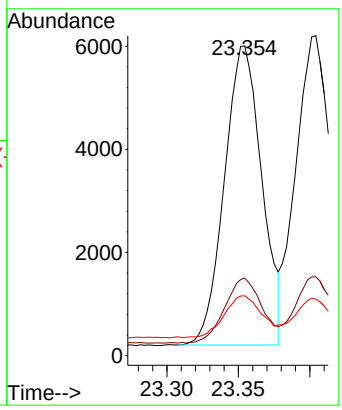


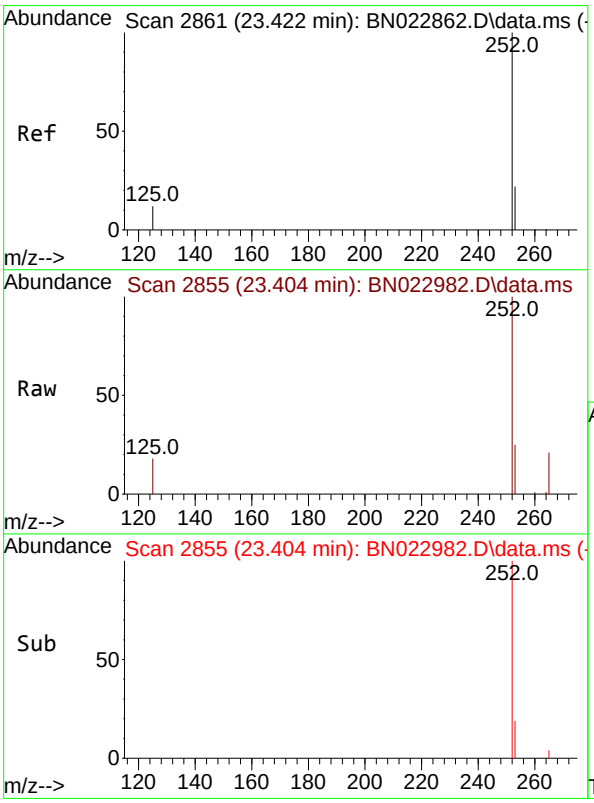
#37
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.354 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:252 Resp: 10573

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	19.3	10.8	16.2#

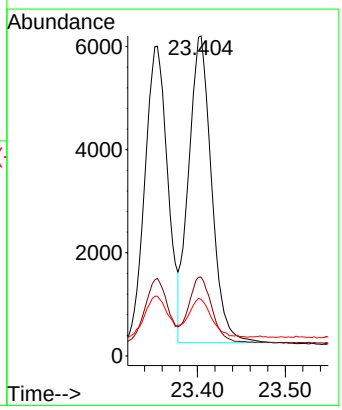


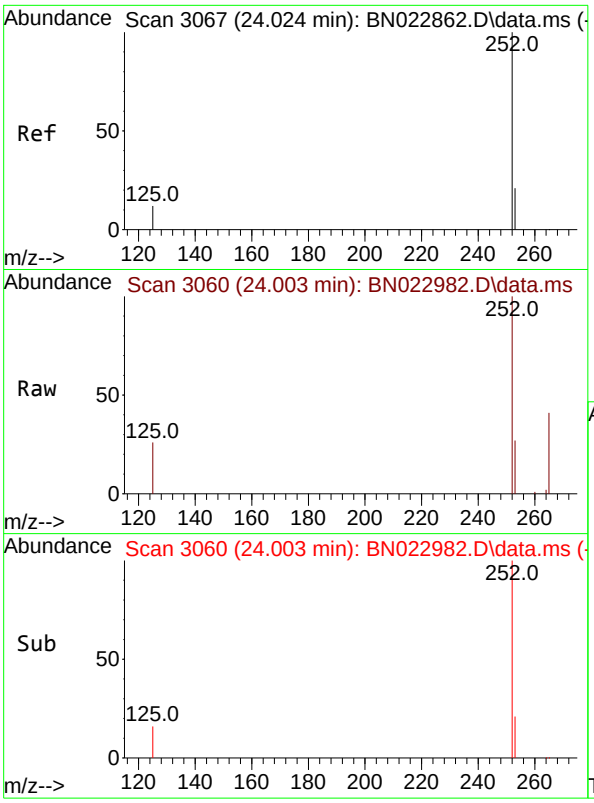


#38
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 23.404 min Scan# 2855
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:252 Resp: 10751

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	27.8
125	17.7	11.0	16.4#



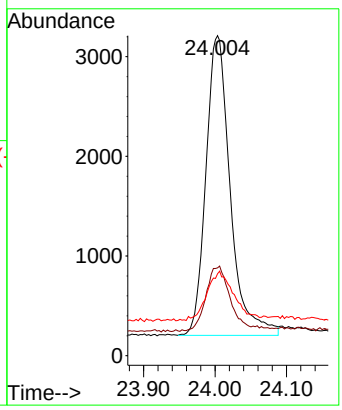


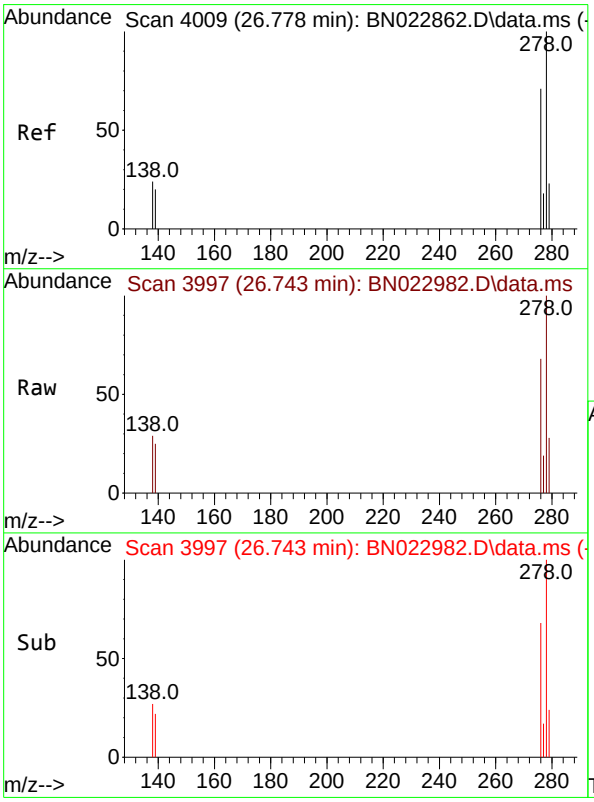
#39
Benzo(a)pyrene
Concen: 0.353 ng
RT: 24.003 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:252 Resp: 7124

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.2	28.8
125	25.6	12.7	19.1#

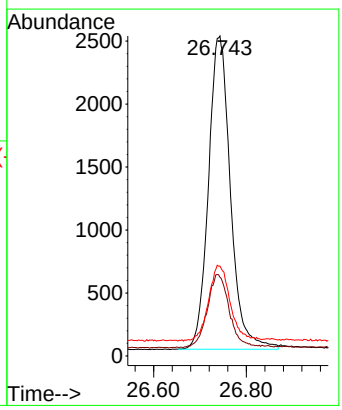


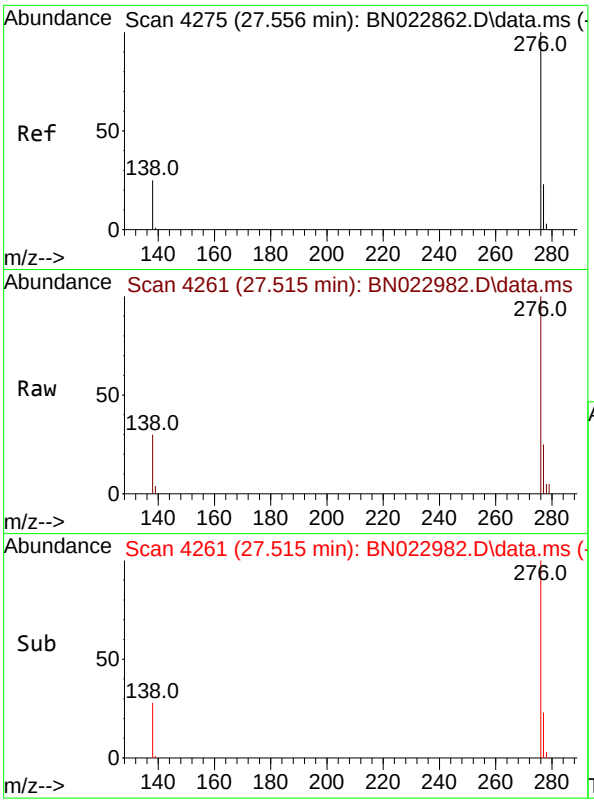


#40
Dibenzo(a,h)anthracene
Concen: 0.421 ng
RT: 26.743 min Scan# 3997
Delta R.T. 0.005 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Tgt Ion:278 Resp: 8211

Ion	Ratio	Lower	Upper
278	100		
139	24.6	17.4	26.0
279	28.1	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 27.515 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN022982.D
Acq: 30 Nov 2022 12:41

Instrument :
BNA_N
ClientSampleId :
PB149254BSD

Tgt Ion:276 Resp: 8673

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.7	29.5
138	29.9	21.4	32.2