Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029319.D
Acq On : 20 Jan 2024 00:19
Operator : MA/JU
Sample : PB158451BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Quant Time: Jan 20 02:04:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3327	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	9162	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5028	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	12441	0.400	ng	0.00
29) Chrysene-d12	21.528	240	10101	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	9167	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	3071	0.372	ng	0.00
5) Phenol-d6	7.103	99	4075	0.372	ng	0.00
8) Nitrobenzene-d5	9.099	82	2418	0.285	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	5555	0.355	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	645	0.418	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	7139	0.305	ng	0.00
27) Fluoranthene-d10	19.359	212	9968	0.264	ng	0.00
31) Terphenyl-d14	19.968	244	7970	0.315	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	1273	0.313	ng	# 35
3) n-Nitrosodimethylamine	3.745	42	1143	0.283	ng	# 95
6) bis(2-Chloroethyl)ether	7.378	93	3019	0.294	ng	99
9) Naphthalene	10.786	128	7804	0.274	ng	99
10) Hexachlorobutadiene	11.064	225	1655	0.268	ng	# 100
12) 2-Methylnaphthalene	12.404	142	4940	0.258	ng	98
16) Acenaphthylene	14.297	152	7524	0.294	ng	100
17) Acenaphthene	14.639	154	4755	0.274	ng	99
18) Fluorene	15.617	166	6727	0.283	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	421	0.336	ng	# 82
21) 4-Bromophenyl-phenylether	16.523	248	2142	0.324	ng	99
22) Hexachlorobenzene	16.622	284	2839	0.262	ng	98
23) Atrazine	16.796	200	1597	0.261	ng	98
24) Pentachlorophenol	16.970	266	1308	0.391	ng	96
25) Phenanthrene	17.367	178	11395	0.274	ng	99
26) Anthracene	17.454	178	9709	0.267	ng	99
28) Fluoranthene	19.392	202	12511	0.246	ng	99
30) Pyrene	19.754	202	12572	0.295	ng	100
32) Benzo(a)anthracene	21.510	228	10921	0.280	ng	100
33) Chrysene	21.564	228	11775	0.283	ng	99
34) Bis(2-ethylhexyl)phtha...	21.456	149	4824	0.274	ng	100
36) Indeno(1,2,3-cd)pyrene	26.428	276	11464	0.280	ng	99
37) Benzo(b)fluoranthene	23.201	252	11284	0.292	ng	97
38) Benzo(k)fluoranthene	23.250	252	10368	0.276	ng	96
39) Benzo(a)pyrene	23.826	252	8541	0.275	ng	# 94
40) Dibenzo(a,h)anthracene	26.461	278	9160	0.277	ng	96
41) Benzo(g,h,i)perylene	27.191	276	9767	0.280	ng	97

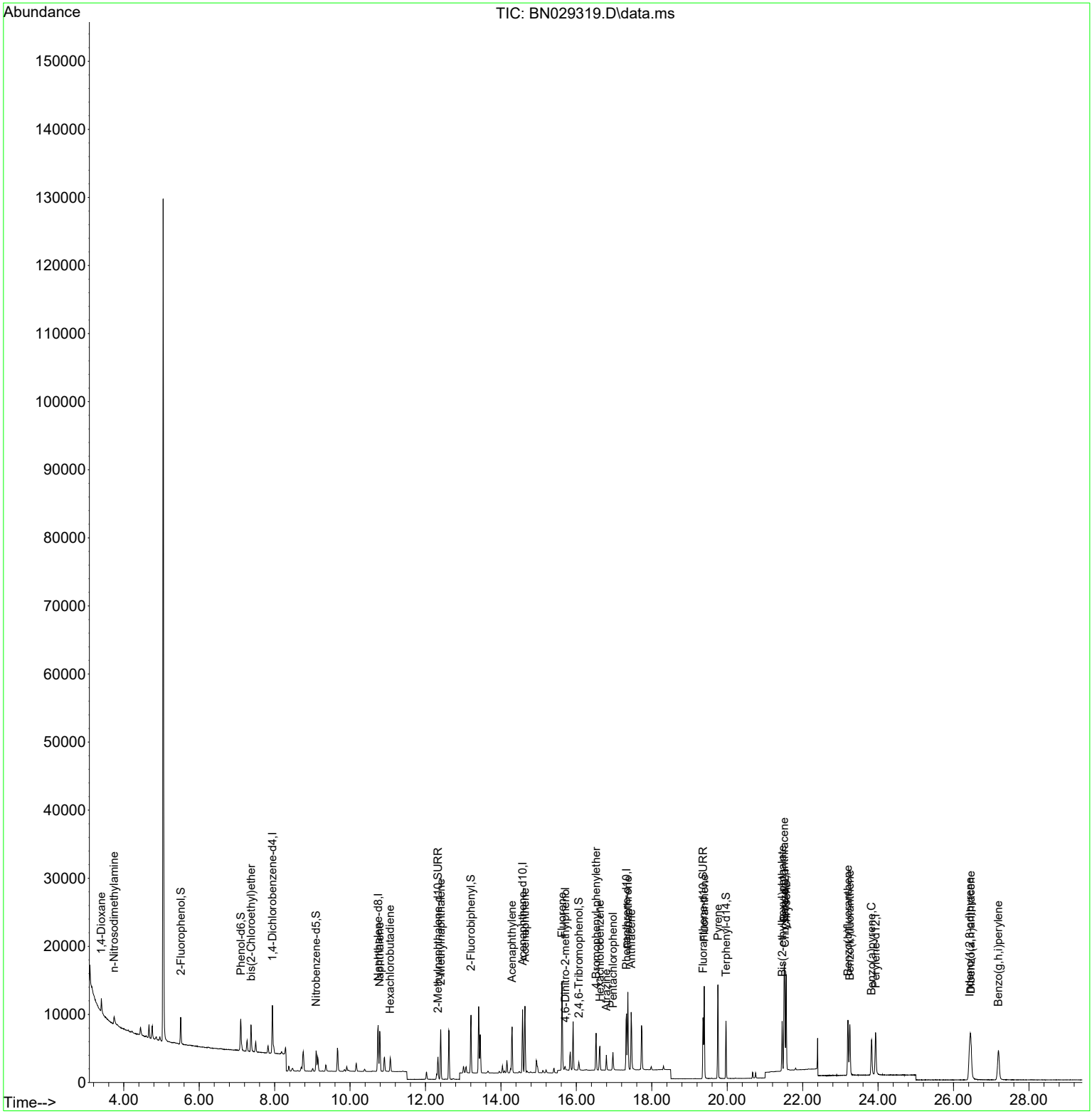
(#) = qualifier out of range (m) = manual integration (+) = signals summed

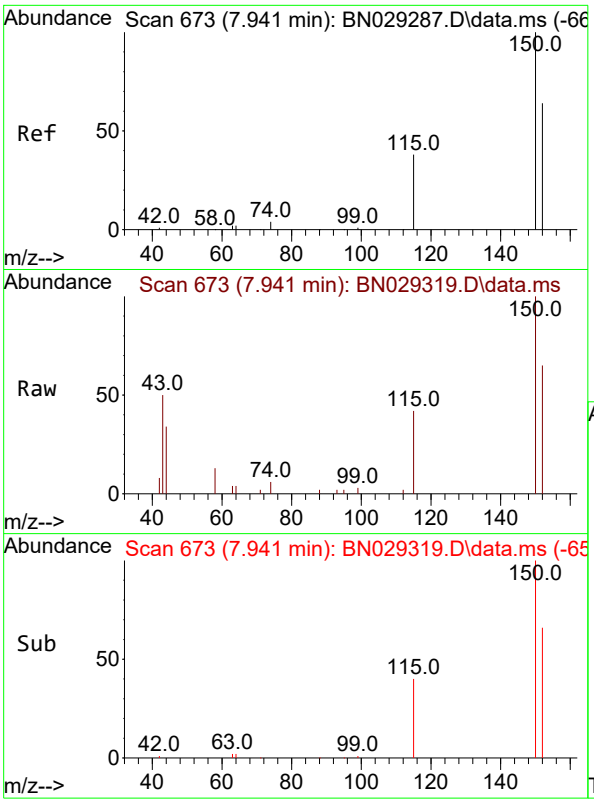
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029319.D
Acq On : 20 Jan 2024 00:19
Operator : MA/JU
Sample : PB158451BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Quant Time: Jan 20 02:04:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration



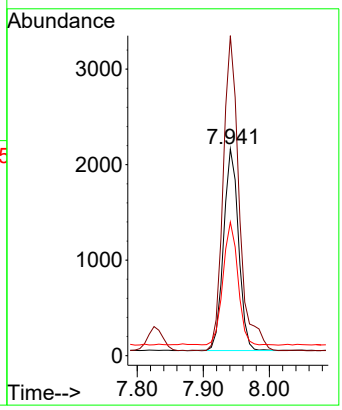


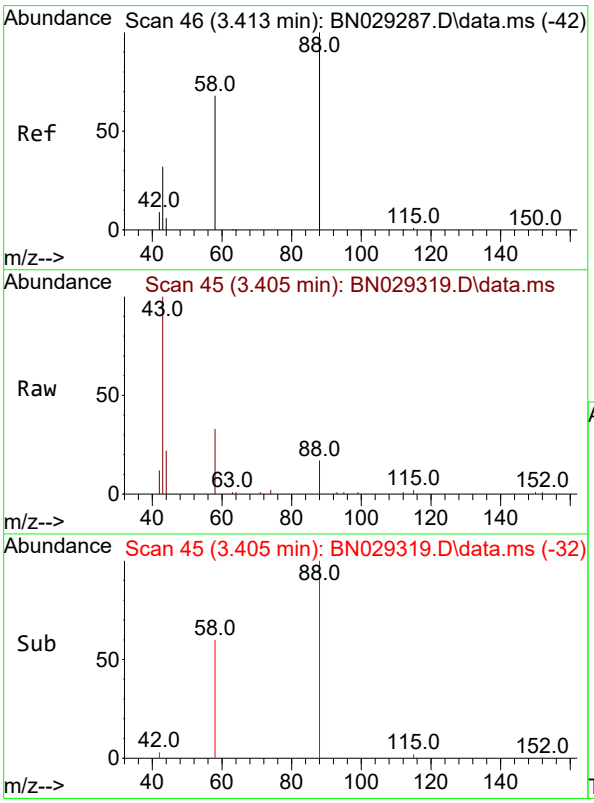
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:152 Resp: 3327

Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	64.6	50.6	76.0

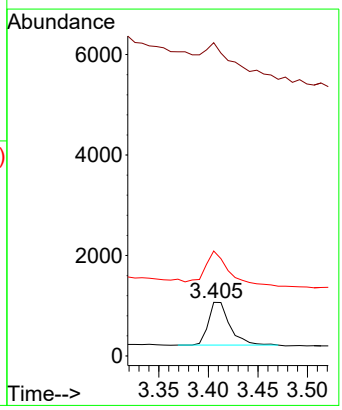


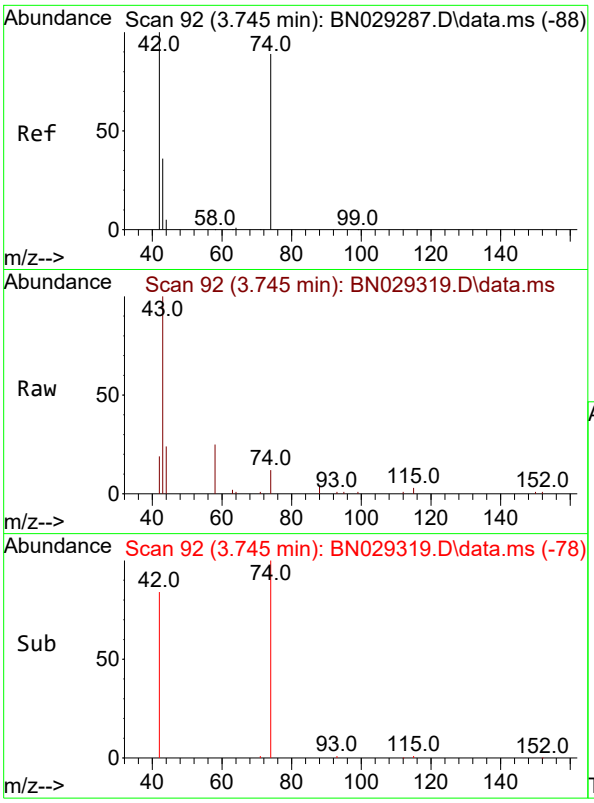


#2
1,4-Dioxane
Concen: 0.313 ng
RT: 3.405 min Scan# 45
Delta R.T. -0.007 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion: 88 Resp: 1273

Ion	Ratio	Lower	Upper
88	100		
43	113.1	26.2	39.2#
58	92.2	55.3	82.9#



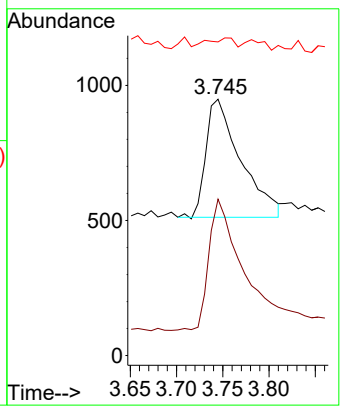


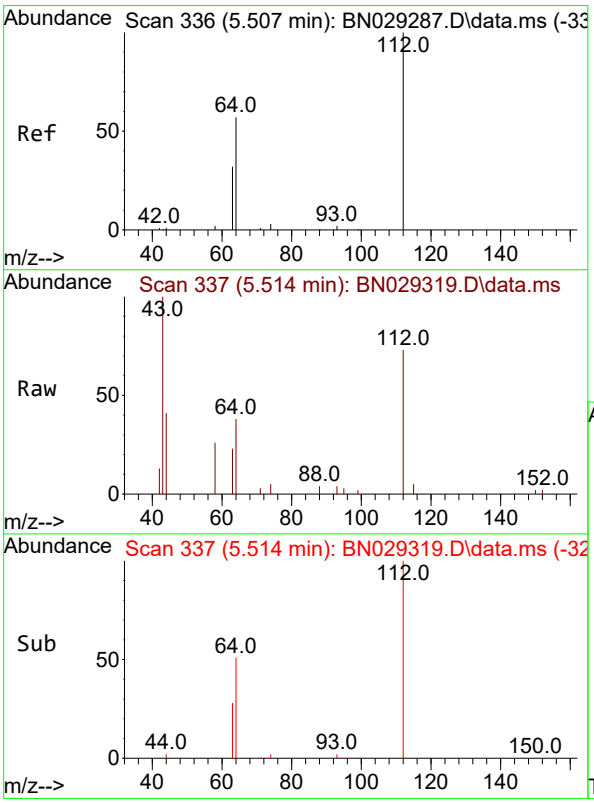
#3
n-Nitrosodimethylamine
Concen: 0.283 ng
RT: 3.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion: 42 Resp: 1143

Ion	Ratio	Lower	Upper
42	100		
74	111.4	85.4	128.2
44	6.4	2.8	4.2#

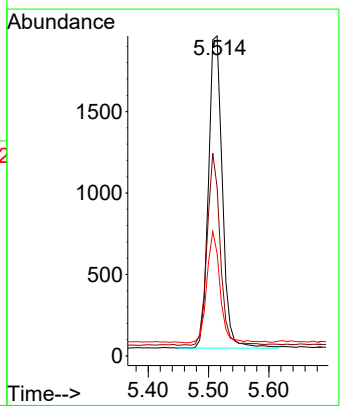


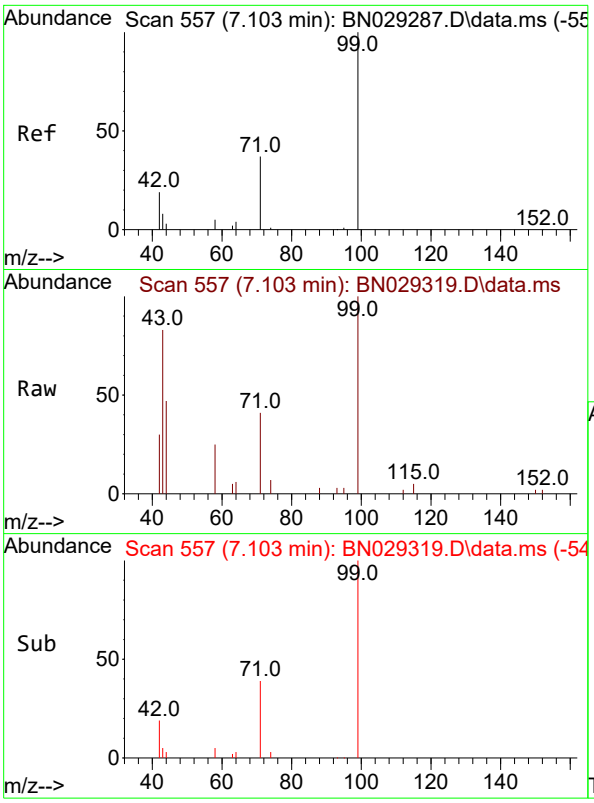


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.514 min Scan# 337
Delta R.T. 0.007 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:112 Resp: 3071

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.7	68.5
63	34.0	26.6	39.8



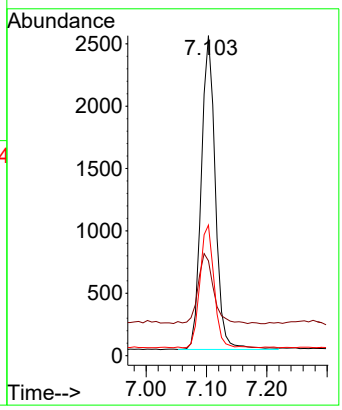


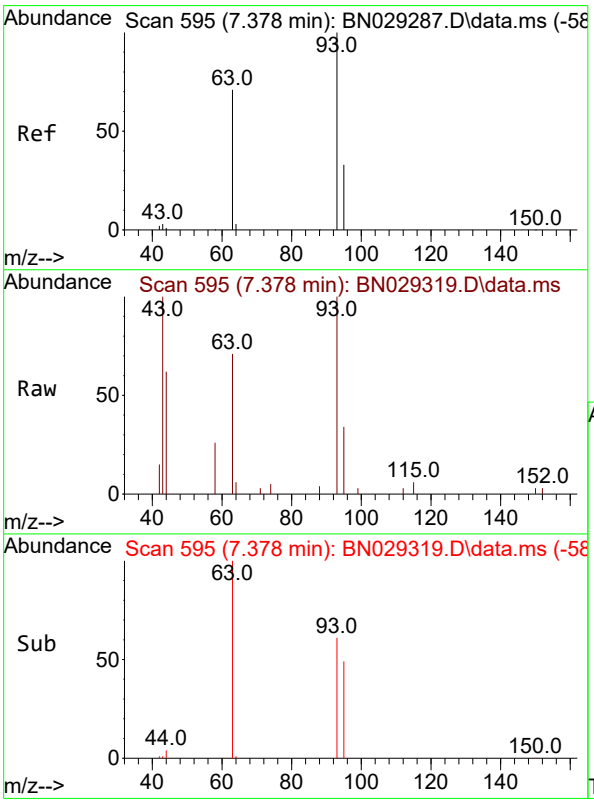
#5
Phenol-d6
Concen: 0.372 ng
RT: 7.103 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion: 99 Resp: 4075

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.1	28.7
71	39.2	31.2	46.8

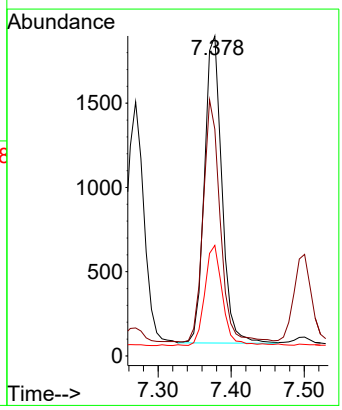


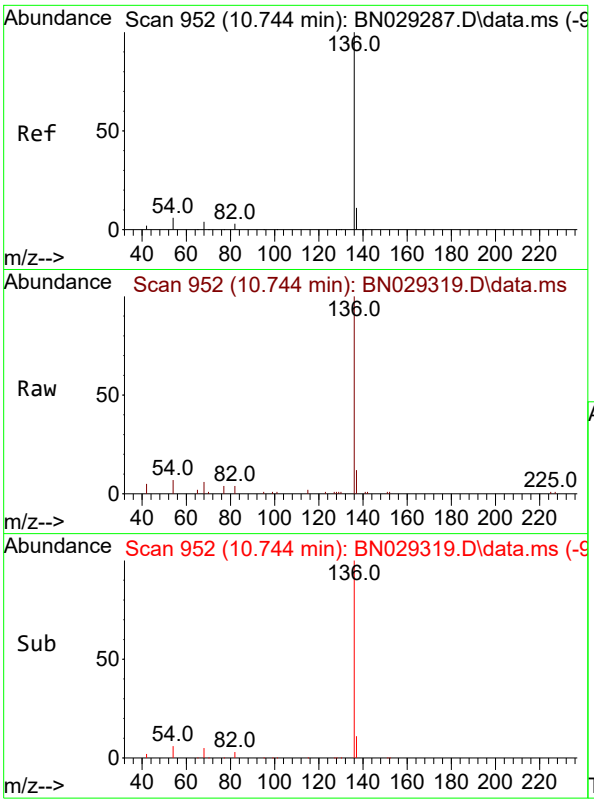


#6
bis(2-Chloroethyl)ether
Concen: 0.294 ng
RT: 7.378 min Scan# 595
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion: 93 Resp: 3019

Ion	Ratio	Lower	Upper
93	100		
63	76.2	61.3	91.9
95	33.4	26.3	39.5



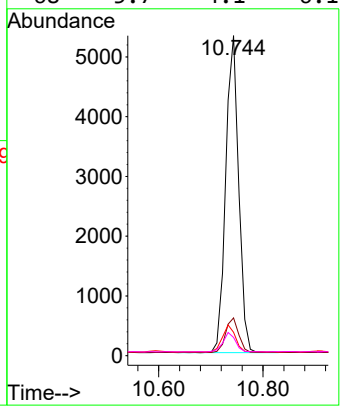


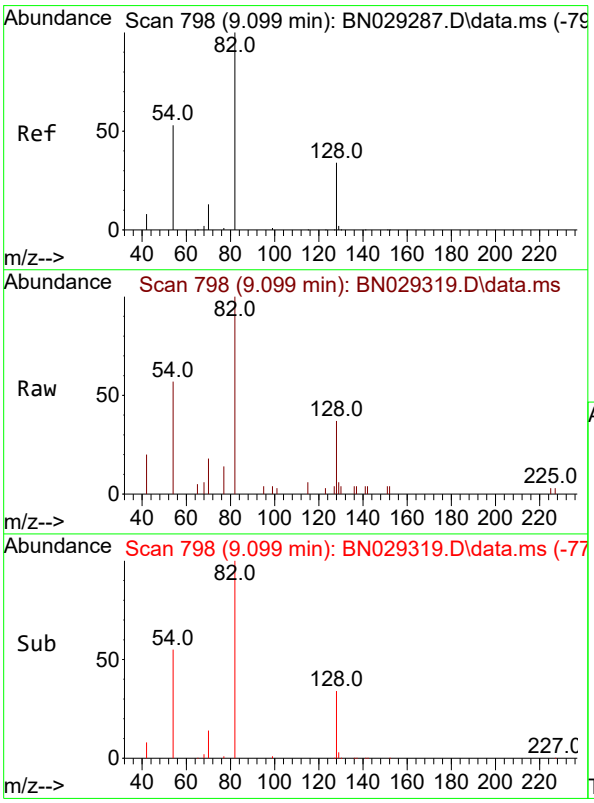
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:136 Resp: 9162

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	7.3	5.2	7.8
68	5.7	4.1	6.1

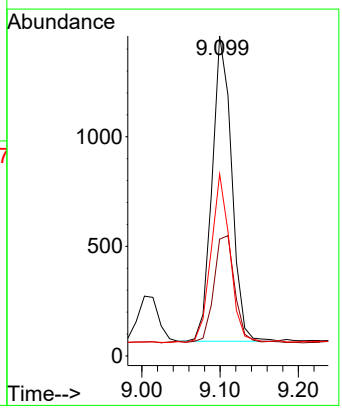


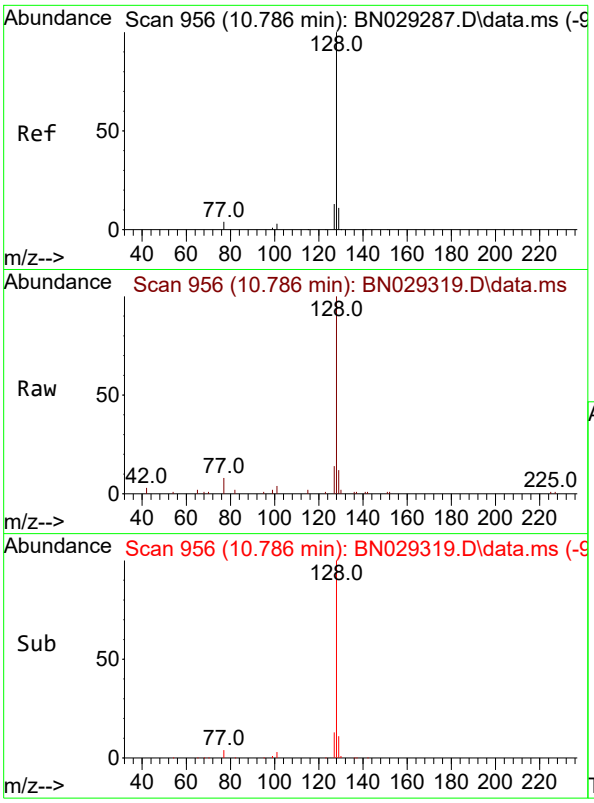


#8
Nitrobenzene-d5
Concen: 0.285 ng
RT: 9.099 min Scan# 798
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion: 82 Resp: 2418

Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.6	43.0
54	56.8	42.9	64.3



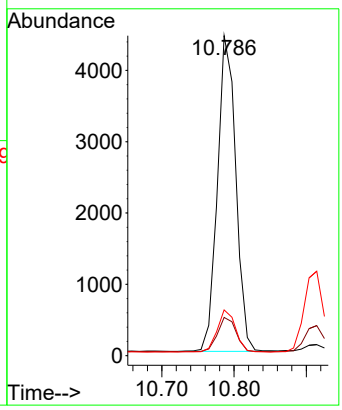


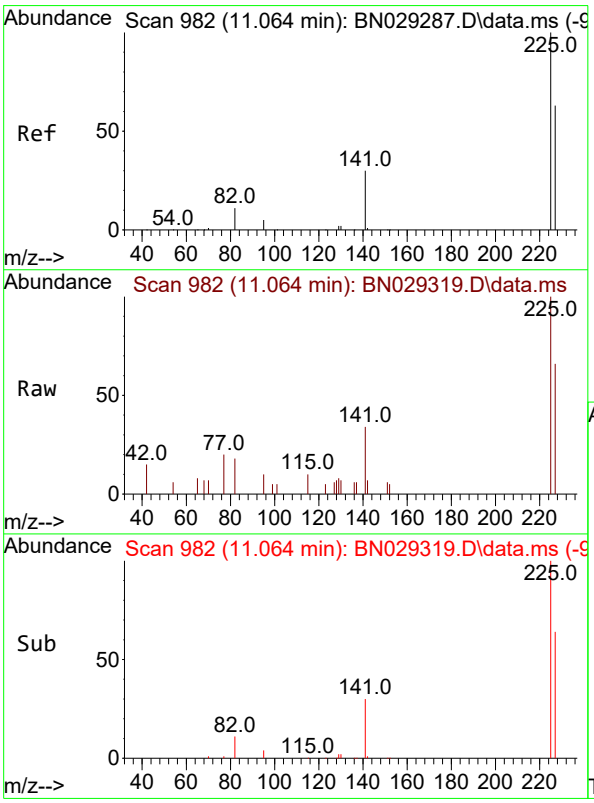
#9
Naphthalene
Concen: 0.274 ng
RT: 10.786 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:128 Resp: 7804

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.3	11.2	16.8

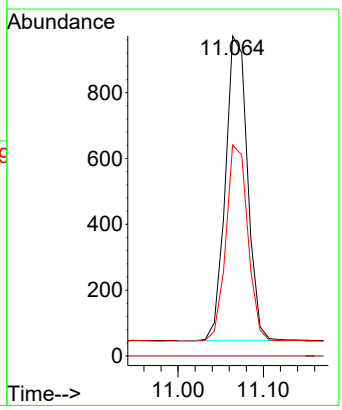


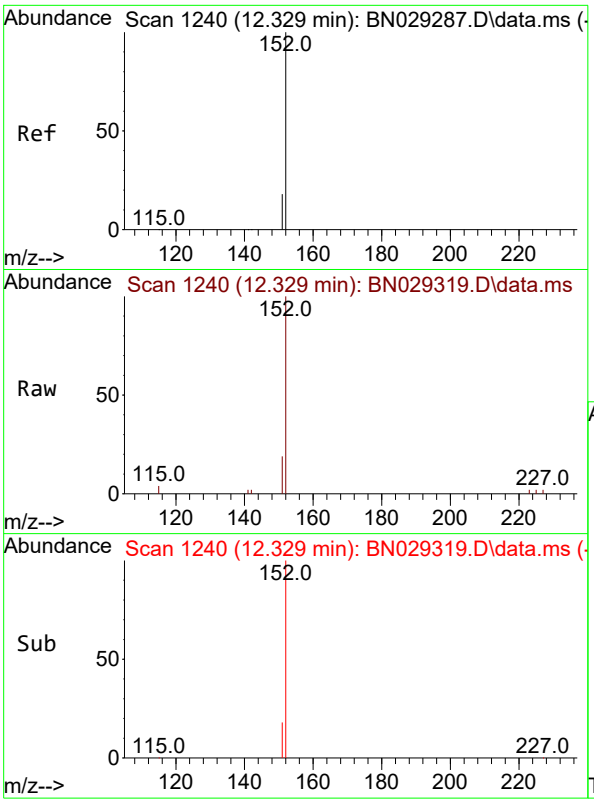


#10
Hexachlorobutadiene
Concen: 0.268 ng
RT: 11.064 min Scan# 982
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:225 Resp: 1655

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.3	76.9



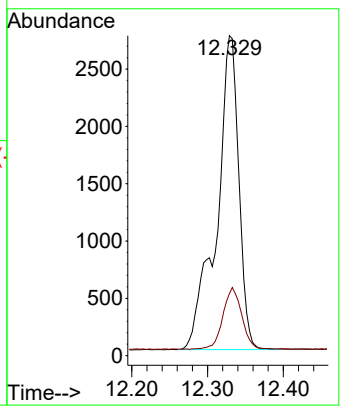


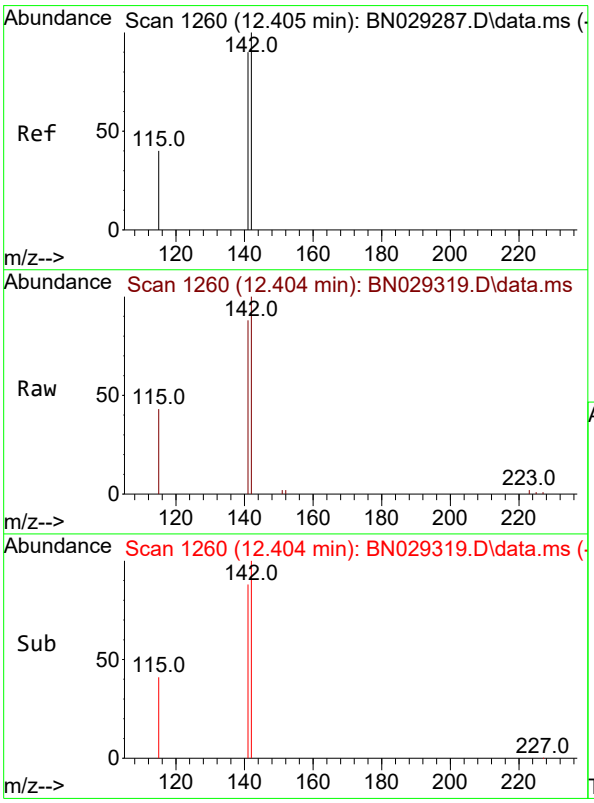
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:152 Resp: 5555

Ion	Ratio	Lower	Upper
152	100		
151	16.6	16.6	24.8

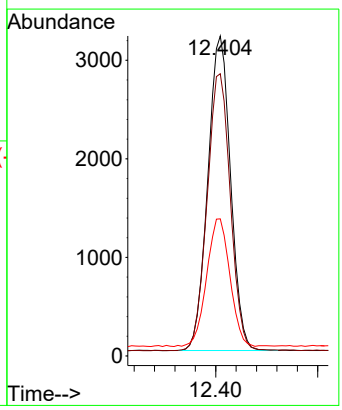


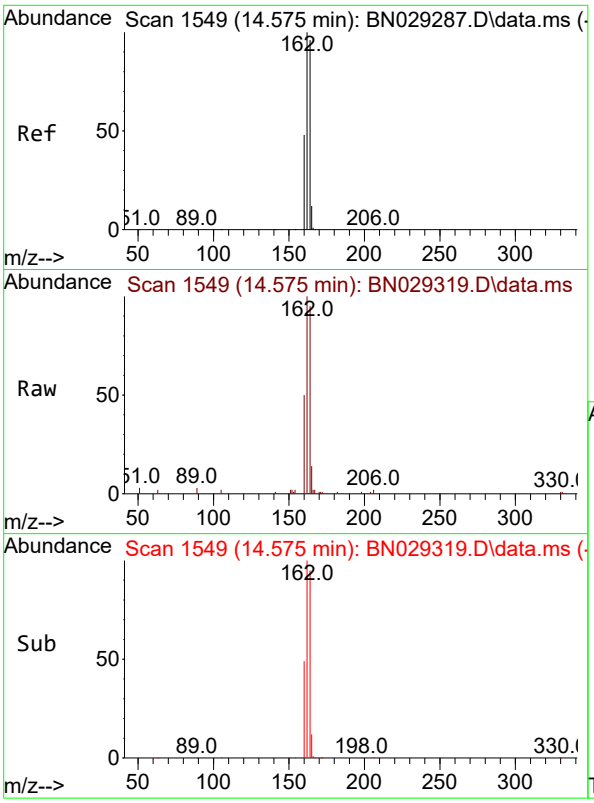


#12
2-Methylnaphthalene
Concen: 0.258 ng
RT: 12.404 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:142 Resp: 4940

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.2
115	42.8	32.9	49.3



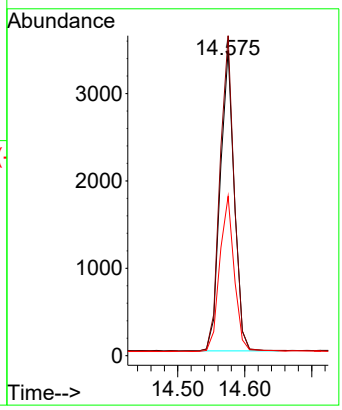


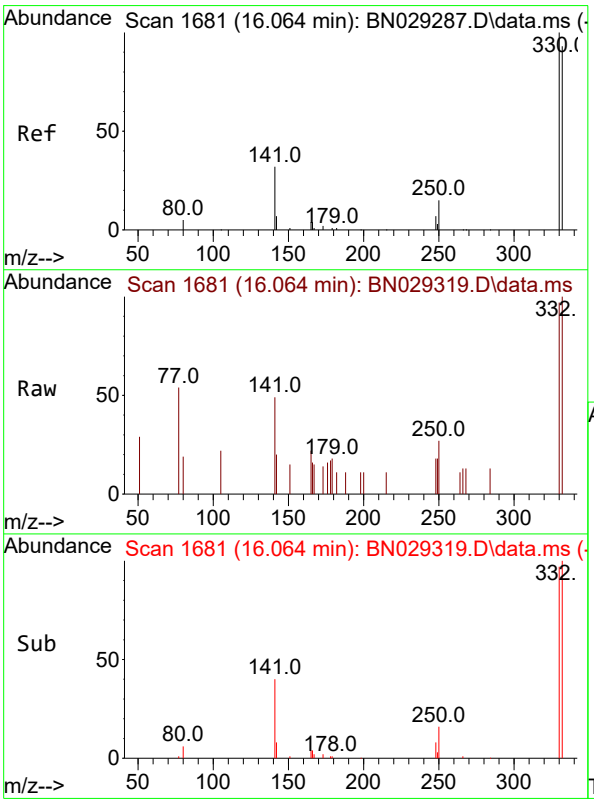
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:164 Resp: 5028

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.4	125.2
160	52.2	40.6	61.0

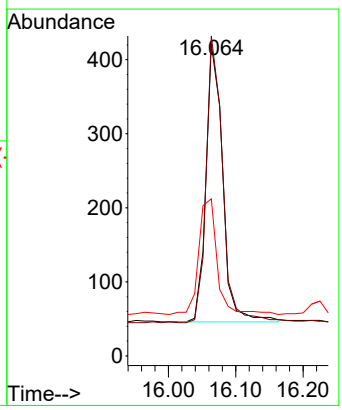


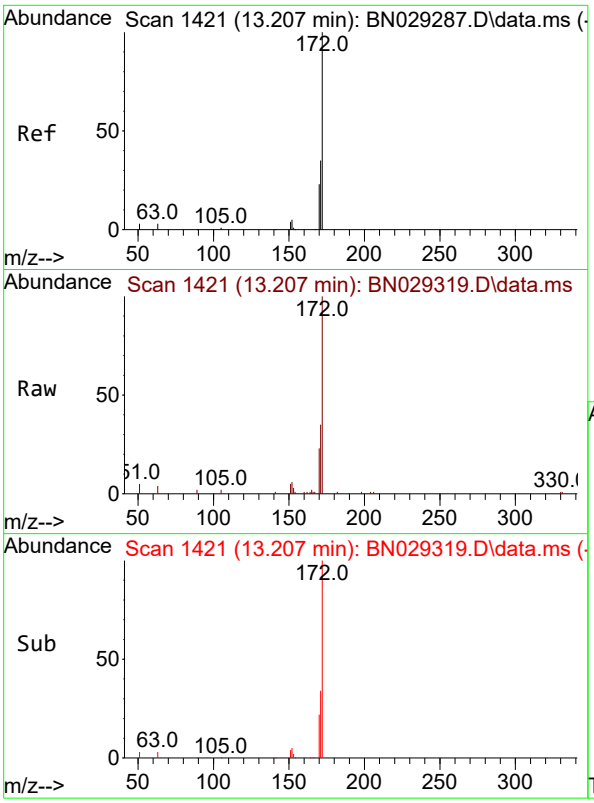


#14
2,4,6-Tribromophenol
Concen: 0.418 ng
RT: 16.064 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:330 Resp: 645

Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	46.2	34.3	51.5



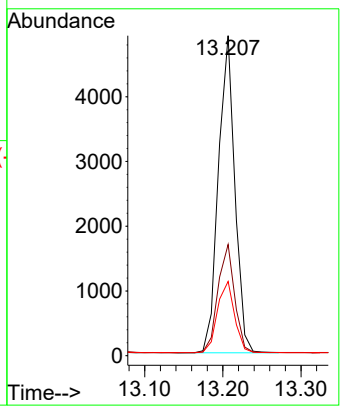


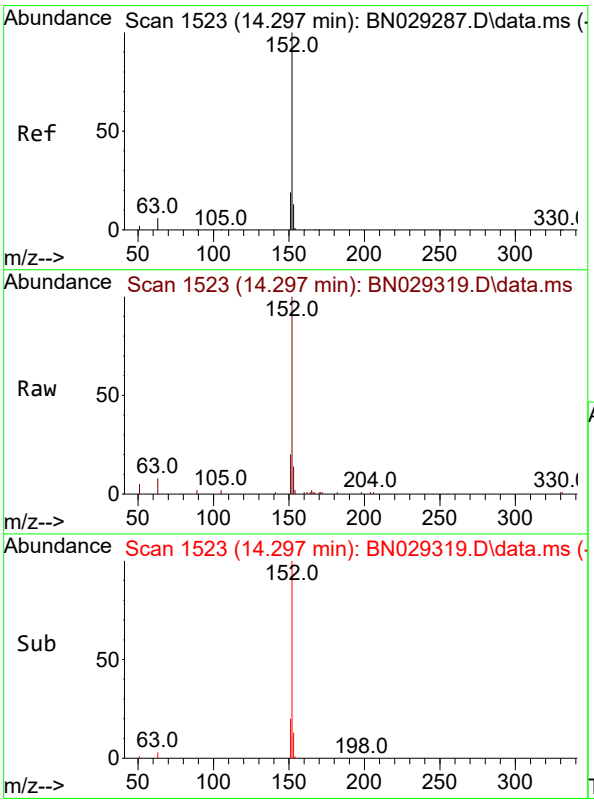
#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.207 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:172 Resp: 7139

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.2	18.7	28.1

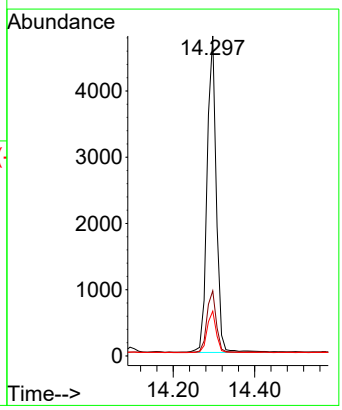


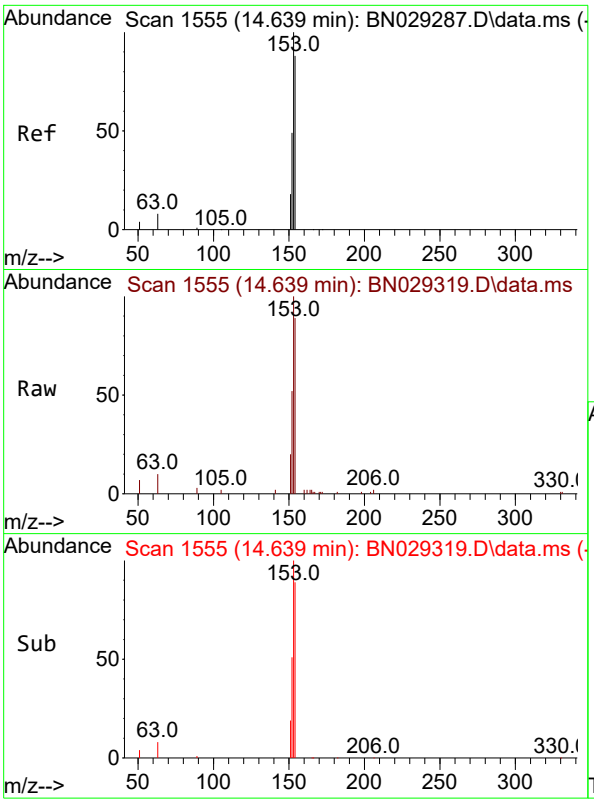


#16
Acenaphthylene
Concen: 0.294 ng
RT: 14.297 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:152 Resp: 7524

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.6	16.0





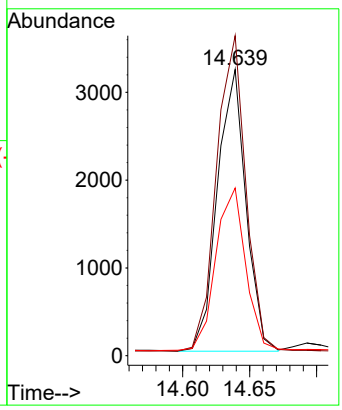
#17
Acenaphthene
Concen: 0.274 ng
RT: 14.639 min Scan# 1

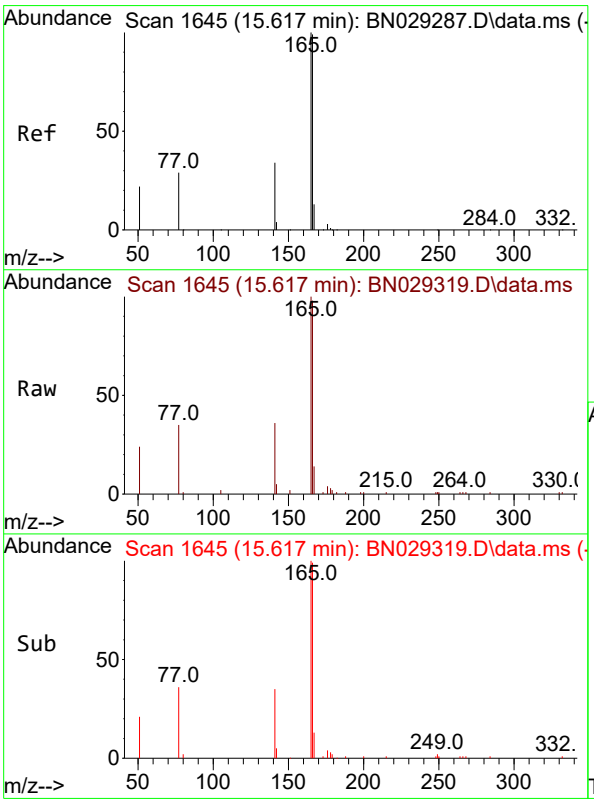
Instrument :
BNA_N
ClientSampleId :
PB158451BS

Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:154 Resp: 4755

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.2	138.2
152	61.6	47.4	71.2

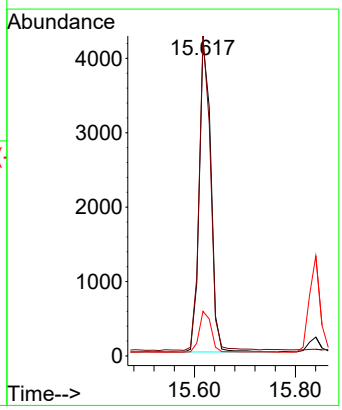


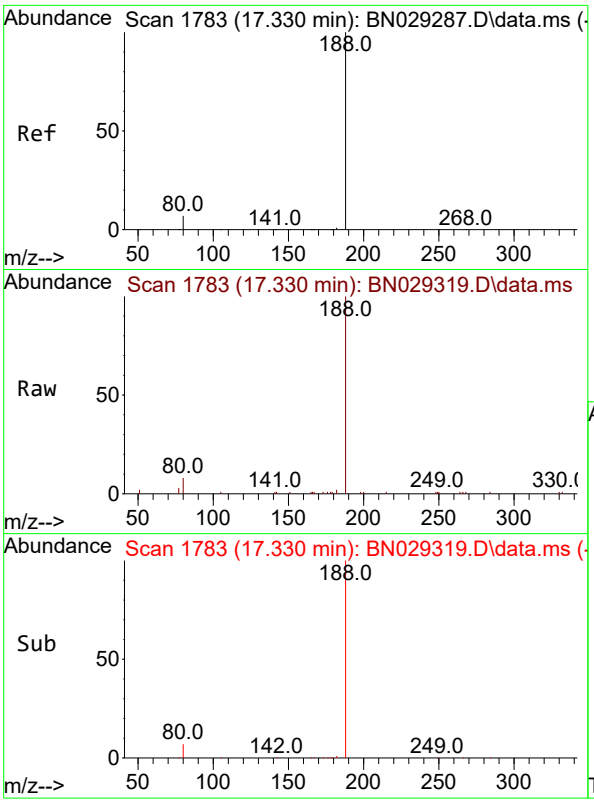


#18
Fluorene
Concen: 0.283 ng
RT: 15.617 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:166 Resp: 6727

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.3	118.9
167	13.5	10.8	16.2



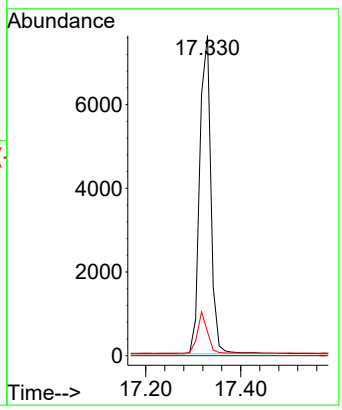


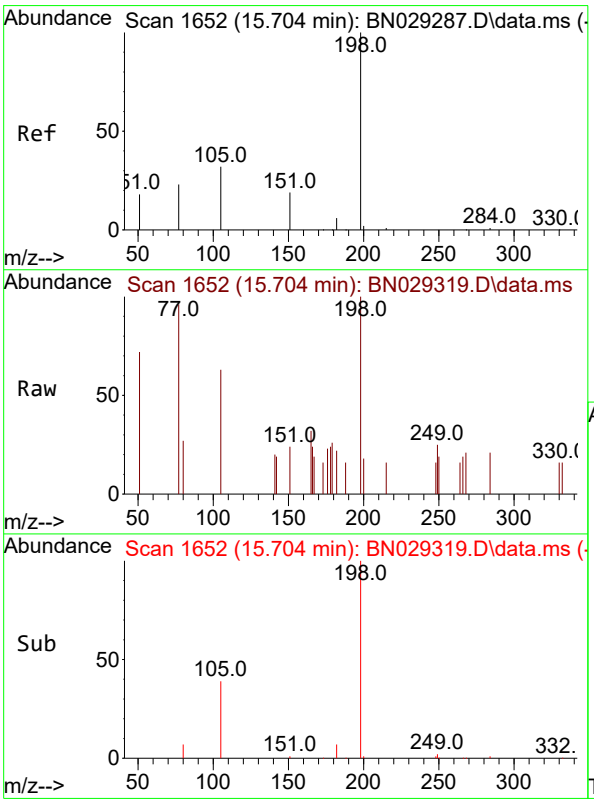
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:188 Resp: 12441

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	5.7	8.5

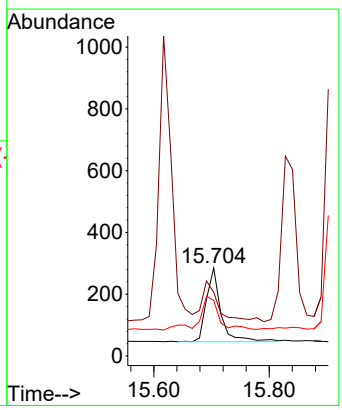


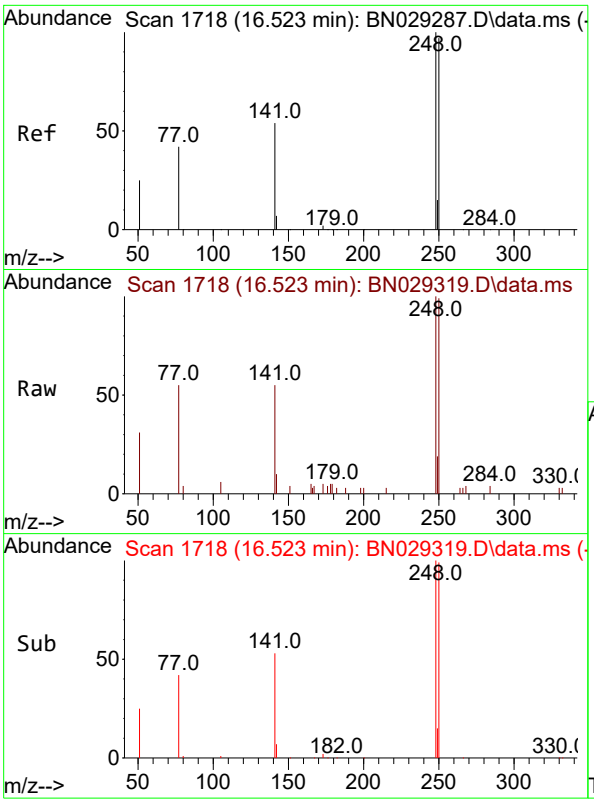


#20
4,6-Dinitro-2-methylphenol
Concen: 0.336 ng
RT: 15.704 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:198 Resp: 421

Ion	Ratio	Lower	Upper
198	100		
51	72.3	48.8	73.2
105	63.2	39.0	58.6#



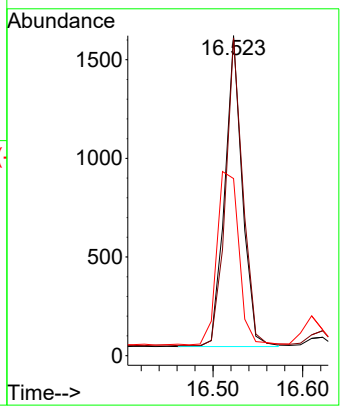


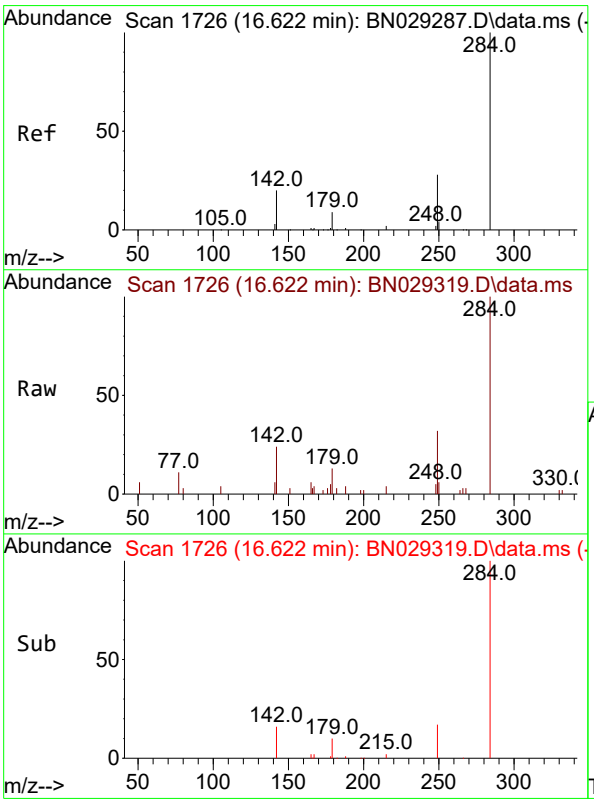
#21
4-Bromophenyl-phenylether
Concen: 0.324 ng
RT: 16.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:248 Resp: 2142

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.1	117.1
141	55.4	44.2	66.4

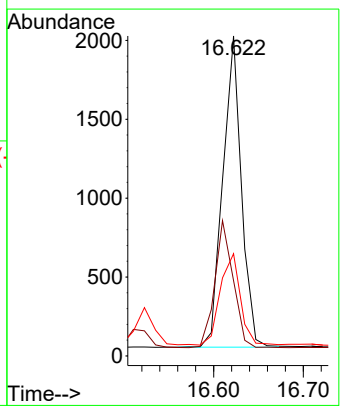


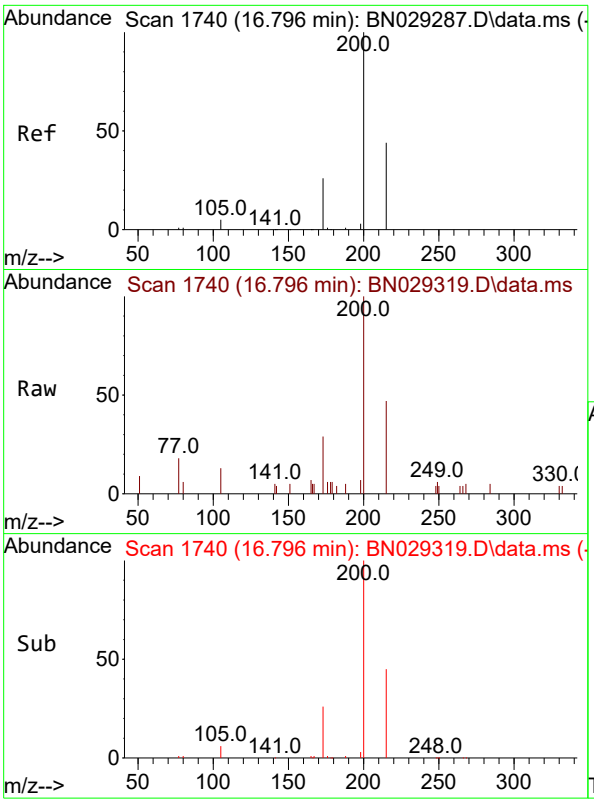


#22
Hexachlorobenzene
Concen: 0.262 ng
RT: 16.622 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:284 Resp: 2839

Ion	Ratio	Lower	Upper
284	100		
142	40.2	30.6	45.8
249	31.6	24.9	37.3



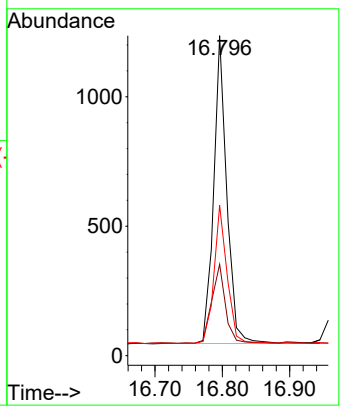


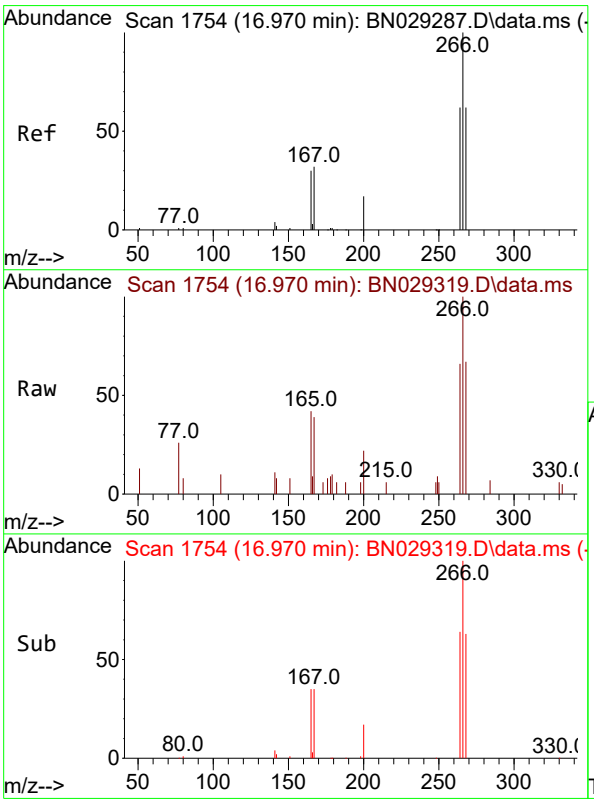
#23
Atrazine
Concen: 0.261 ng
RT: 16.796 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:200 Resp: 1597

Ion	Ratio	Lower	Upper
200	100		
173	28.6	22.2	33.4
215	47.0	36.6	54.8

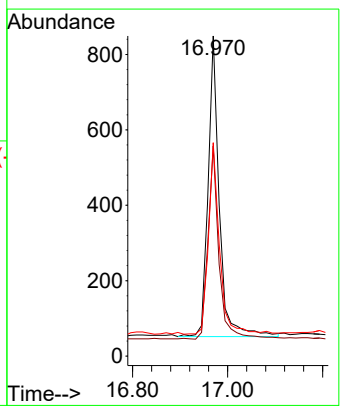


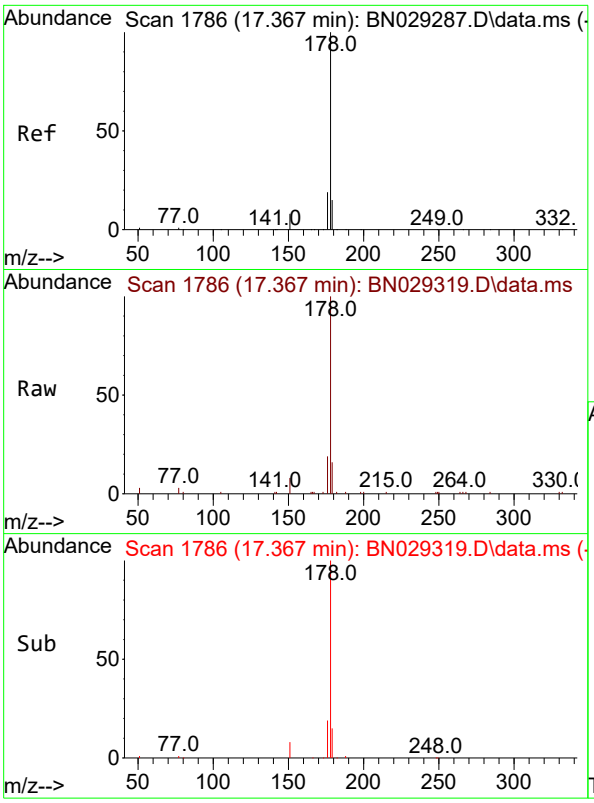


#24
Pentachlorophenol
Concen: 0.391 ng
RT: 16.970 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:266 Resp: 1308

Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.3	72.5
268	63.5	47.7	71.5



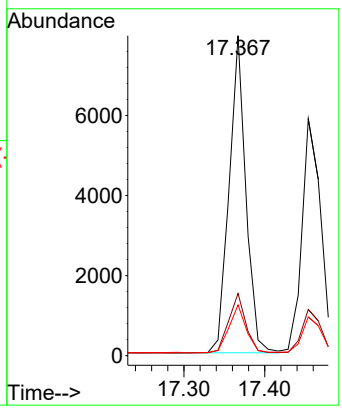


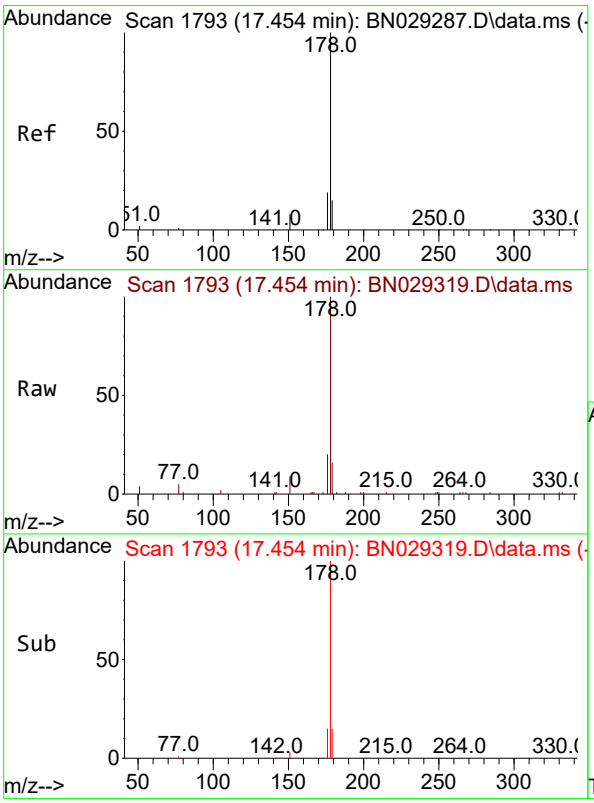
#25
Phenanthrene
Concen: 0.274 ng
RT: 17.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:178 Resp: 11395

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.3	18.5

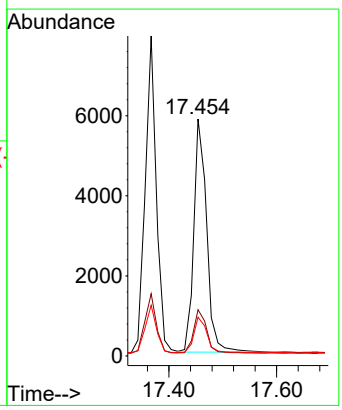


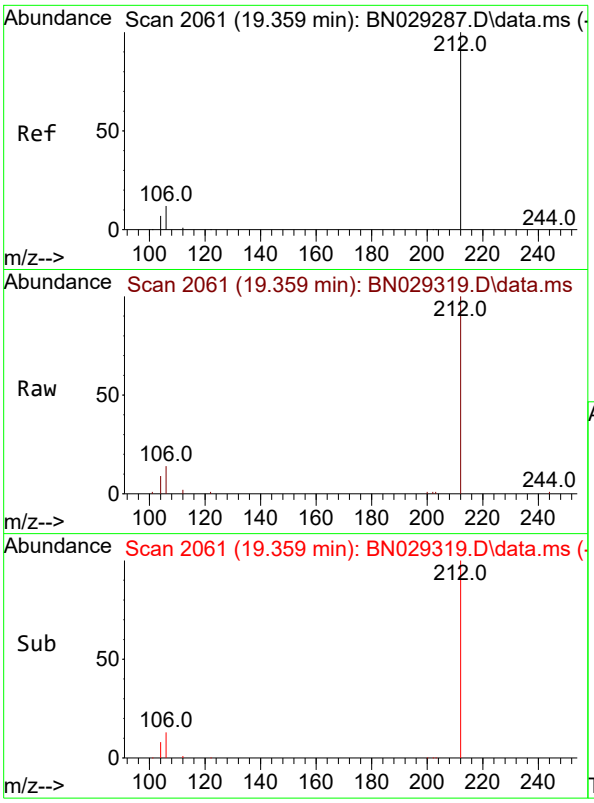


#26
Anthracene
Concen: 0.267 ng
RT: 17.454 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:178 Resp: 9709

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.2	18.2



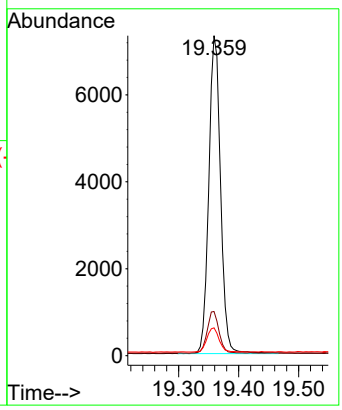


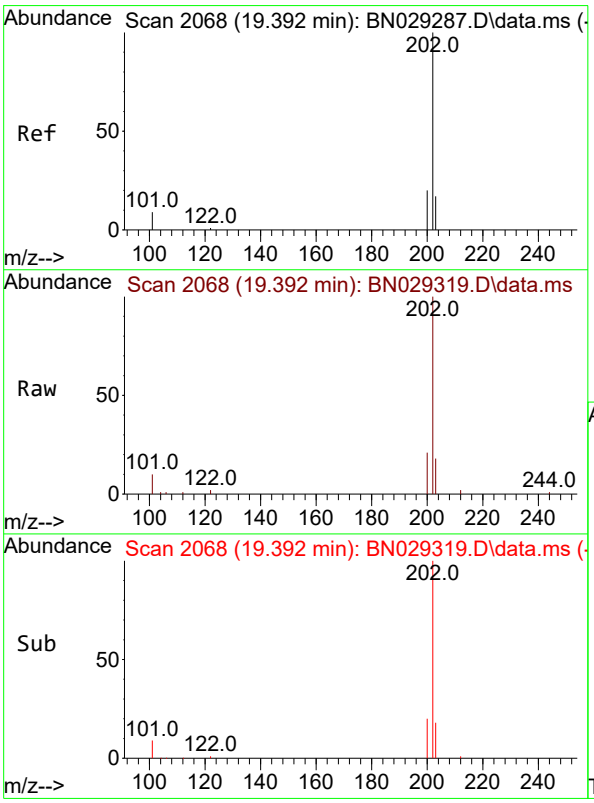
#27
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.359 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:212 Resp: 9968

Ion	Ratio	Lower	Upper
212	100		
106	13.3	9.9	14.9
104	7.9	5.8	8.8

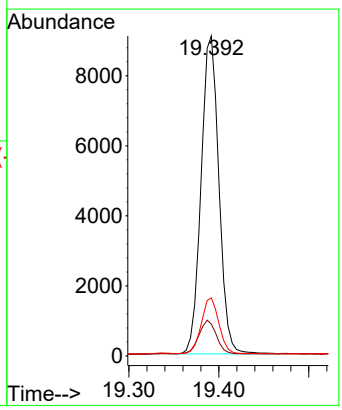


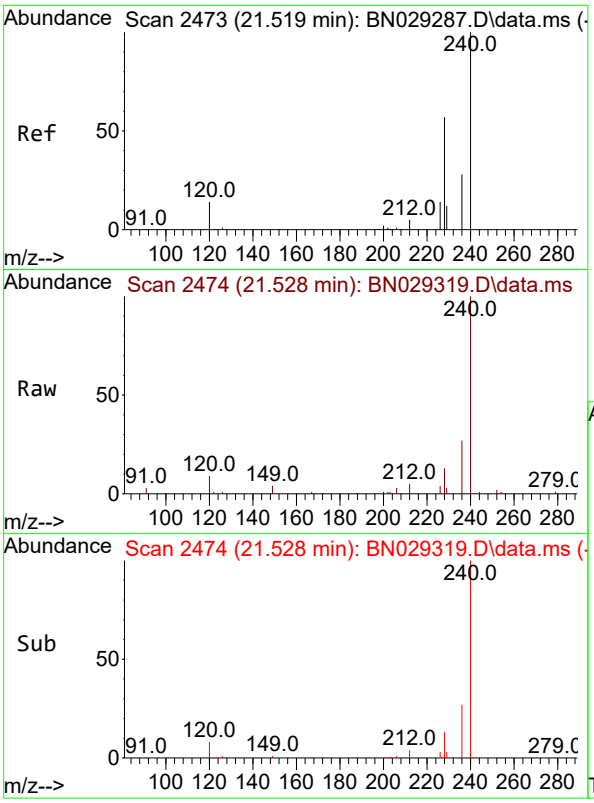


#28
Fluoranthene
Concen: 0.246 ng
RT: 19.392 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:202 Resp: 12511

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.1	12.1
203	17.4	13.8	20.6



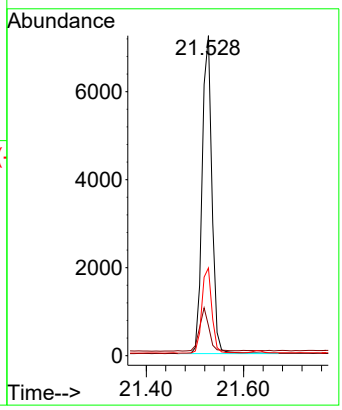


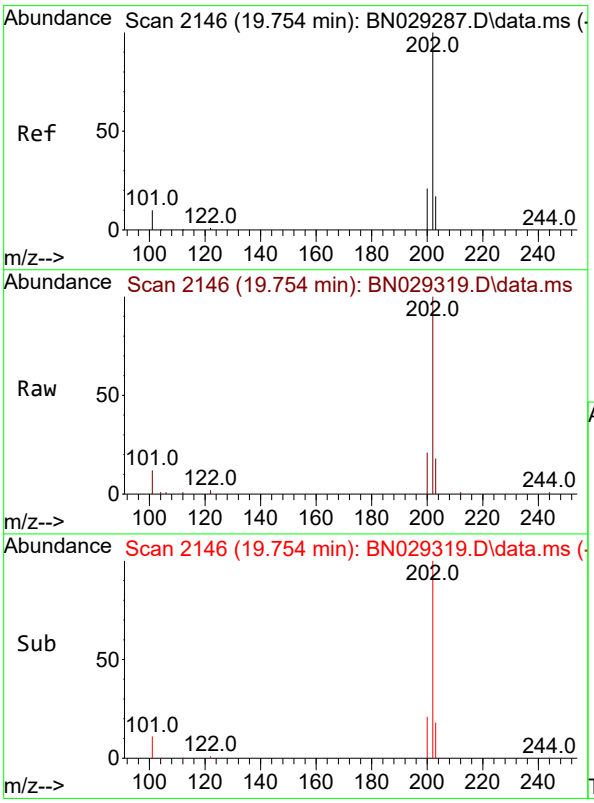
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.528 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:240 Resp: 10101

Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.8	17.8#
236	27.4	22.7	34.1

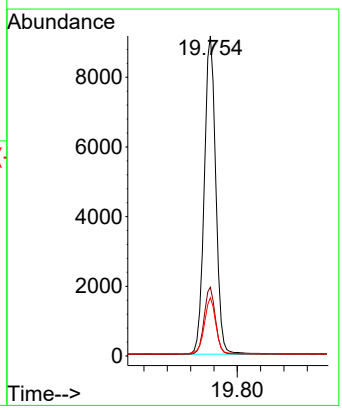


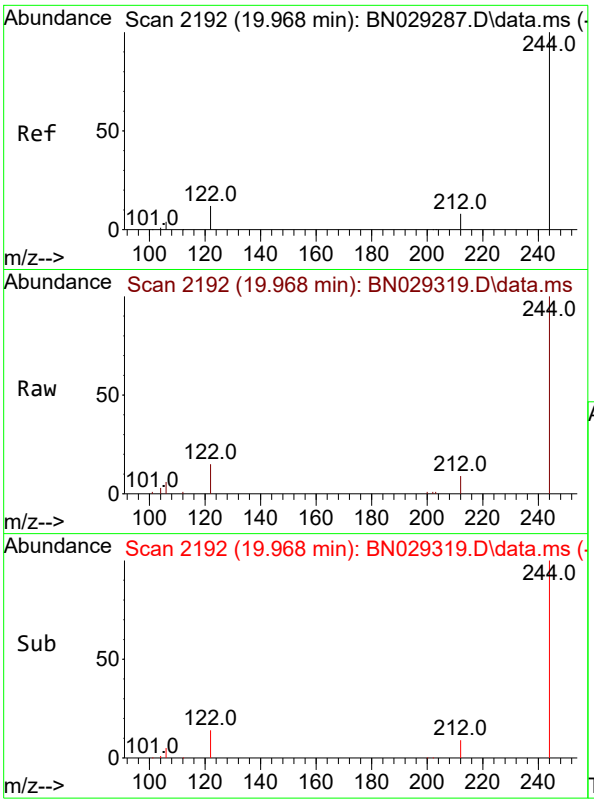


#30
Pyrene
Concen: 0.295 ng
RT: 19.754 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:202 Resp: 12572

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	17.6	14.2	21.2



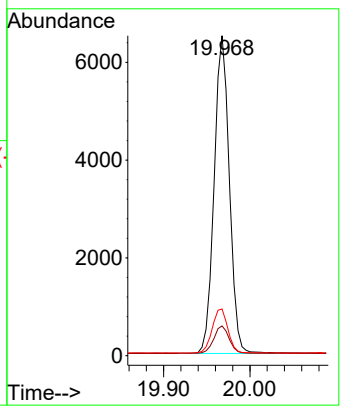


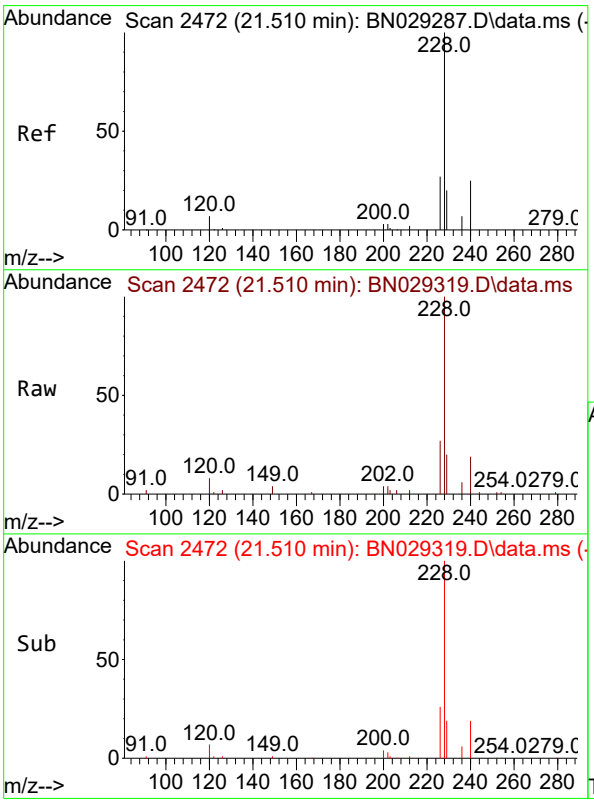
#31
Terphenyl-d14
Concen: 0.315 ng
RT: 19.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:244 Resp: 7970

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.4
122	14.6	10.2	15.4

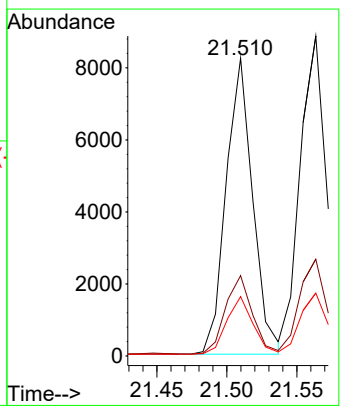


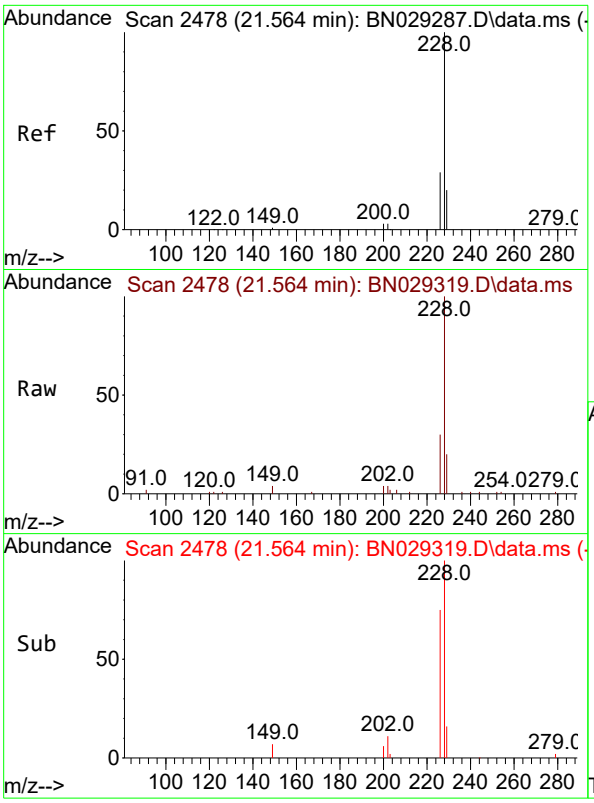


#32
Benzo(a)anthracene
Concen: 0.280 ng
RT: 21.510 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:228 Resp: 10921

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.9	16.1	24.1



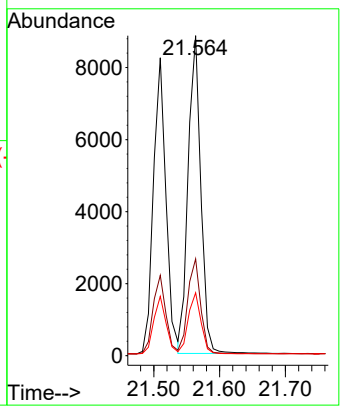


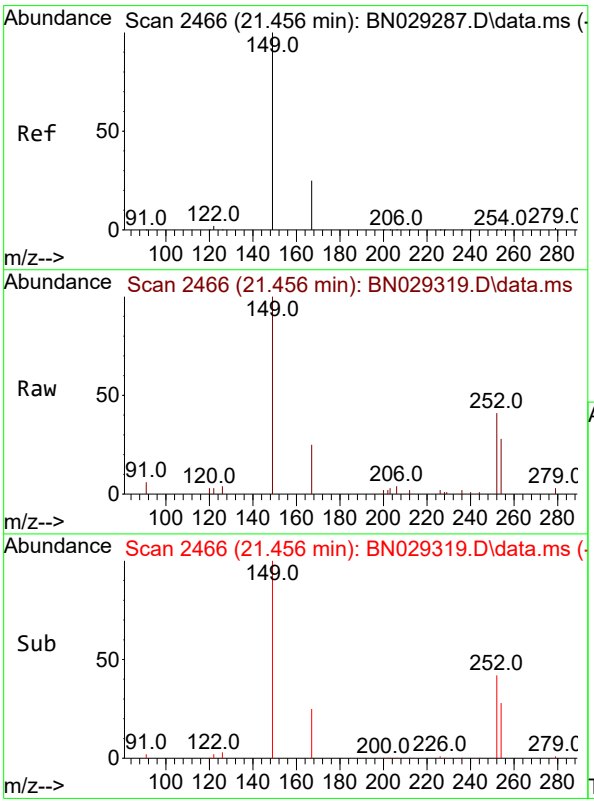
#33
Chrysene
Concen: 0.283 ng
RT: 21.564 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:228 Resp: 11775

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.5	35.3
229	19.6	15.8	23.8

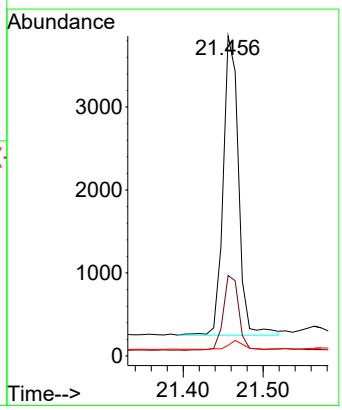


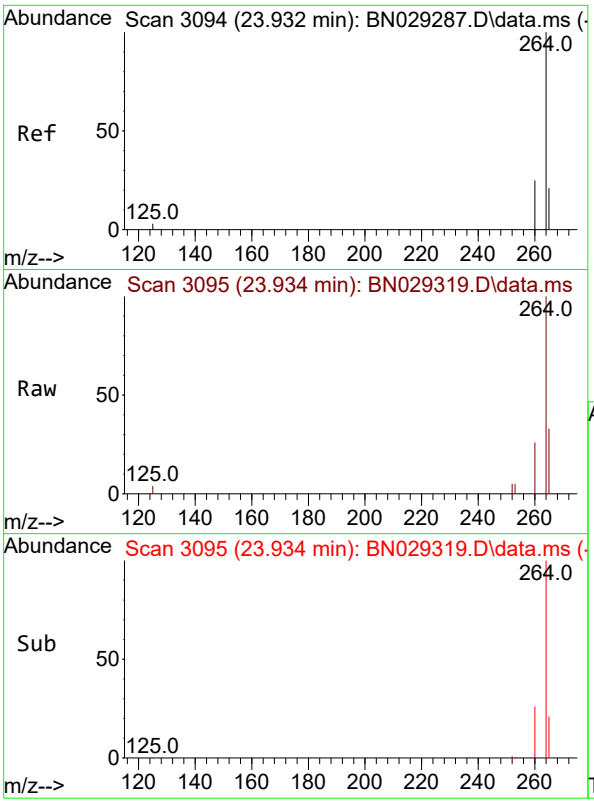


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.274 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:149 Resp: 4824

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	2.7	2.6	4.0



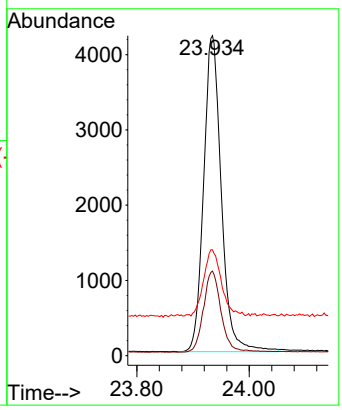


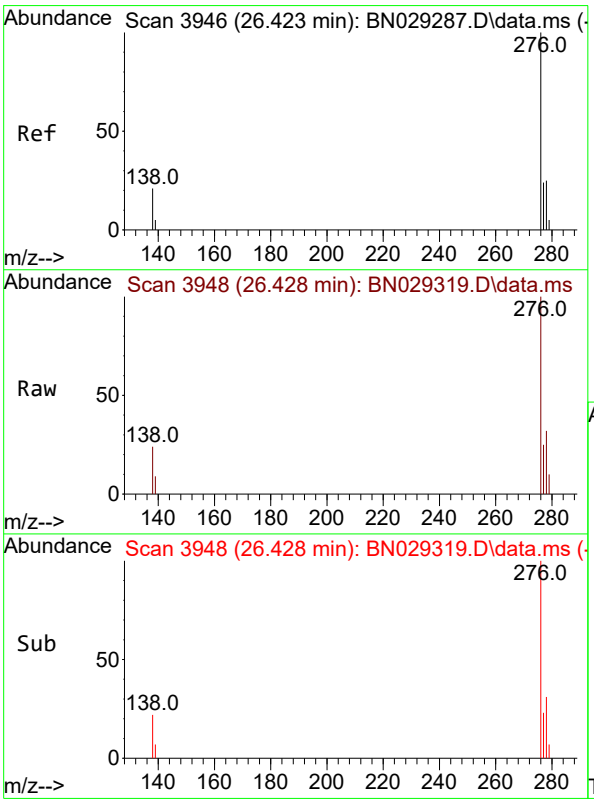
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.934 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:264 Resp: 9167

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.7	31.1
265	33.1	21.4	32.0#

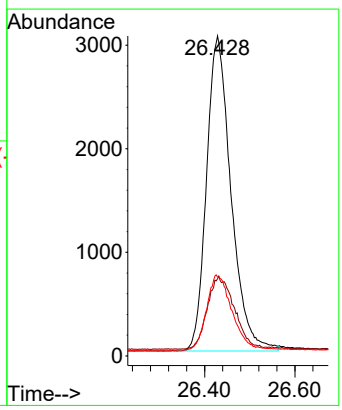


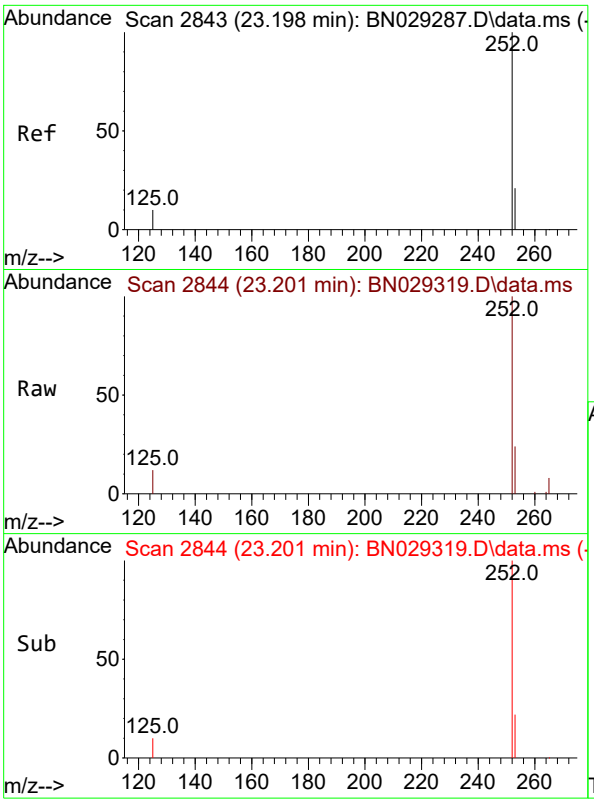


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng
RT: 26.428 min Scan# 3948
Delta R.T. 0.006 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:276 Resp: 11464

Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.4	29.0
277	25.0	20.1	30.1



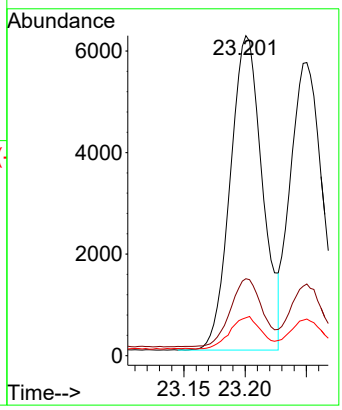


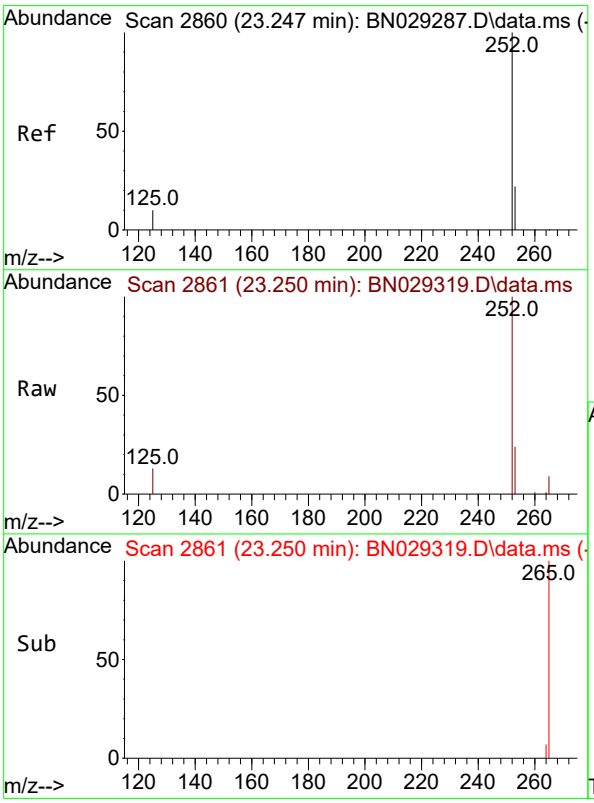
#37
Benzo(b)fluoranthene
Concen: 0.292 ng
RT: 23.201 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:252 Resp: 11284

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	11.8	8.3	12.5

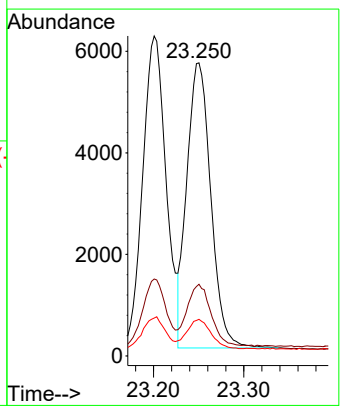


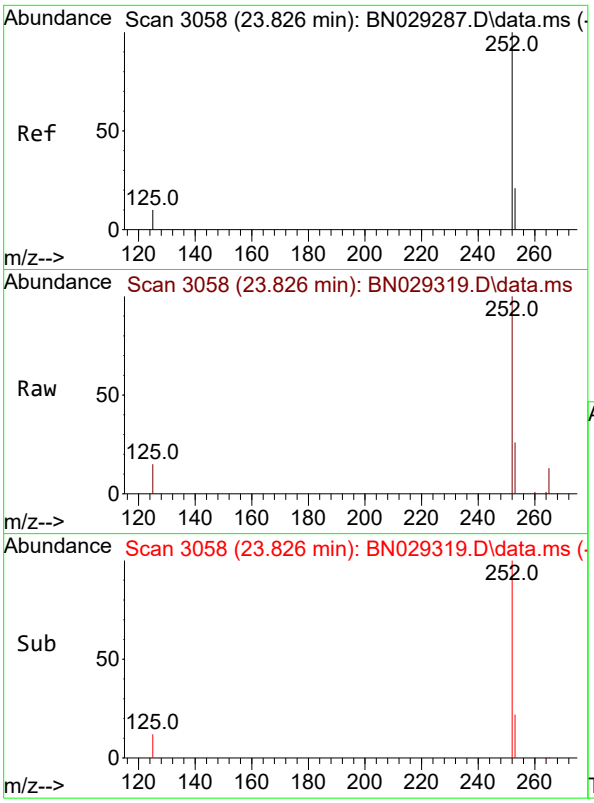


#38
Benzo(k)fluoranthene
Concen: 0.276 ng
RT: 23.250 min Scan# 2861
Delta R.T. 0.003 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:252 Resp: 10368

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.5	8.6	13.0



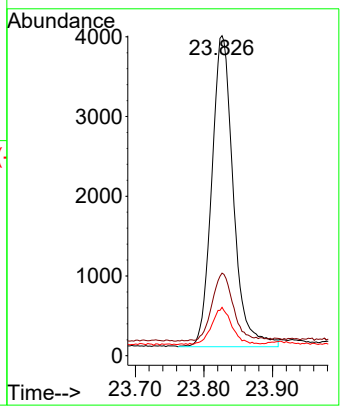


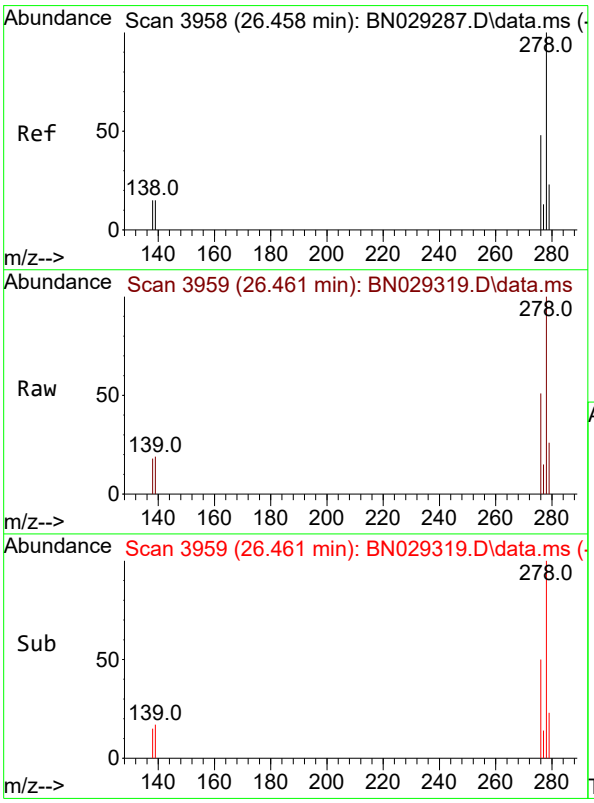
#39
Benzo(a)pyrene
Concen: 0.275 ng
RT: 23.826 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:252 Resp: 8541

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.7	28.1
125	15.1	9.4	14.2#

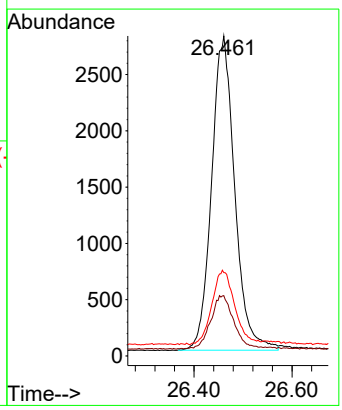


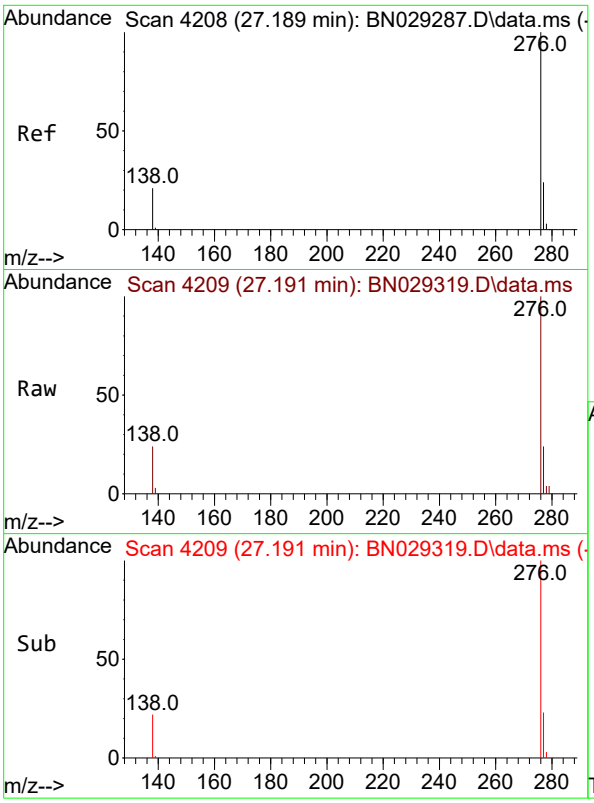


#40
Dibenzo(a,h)anthracene
Concen: 0.277 ng
RT: 26.461 min Scan# 3959
Delta R.T. 0.003 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Tgt Ion:278 Resp: 9160

Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.0	19.6
279	26.1	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 0.280 ng
RT: 27.191 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029319.D
Acq: 20 Jan 2024 00:19

Instrument :
BNA_N
ClientSampleId :
PB158451BS

Tgt Ion:276 Resp: 9767

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	24.0	17.2	25.8