Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031419.D
Acq On : 07 May 2024 13:21
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 07 17:09:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration

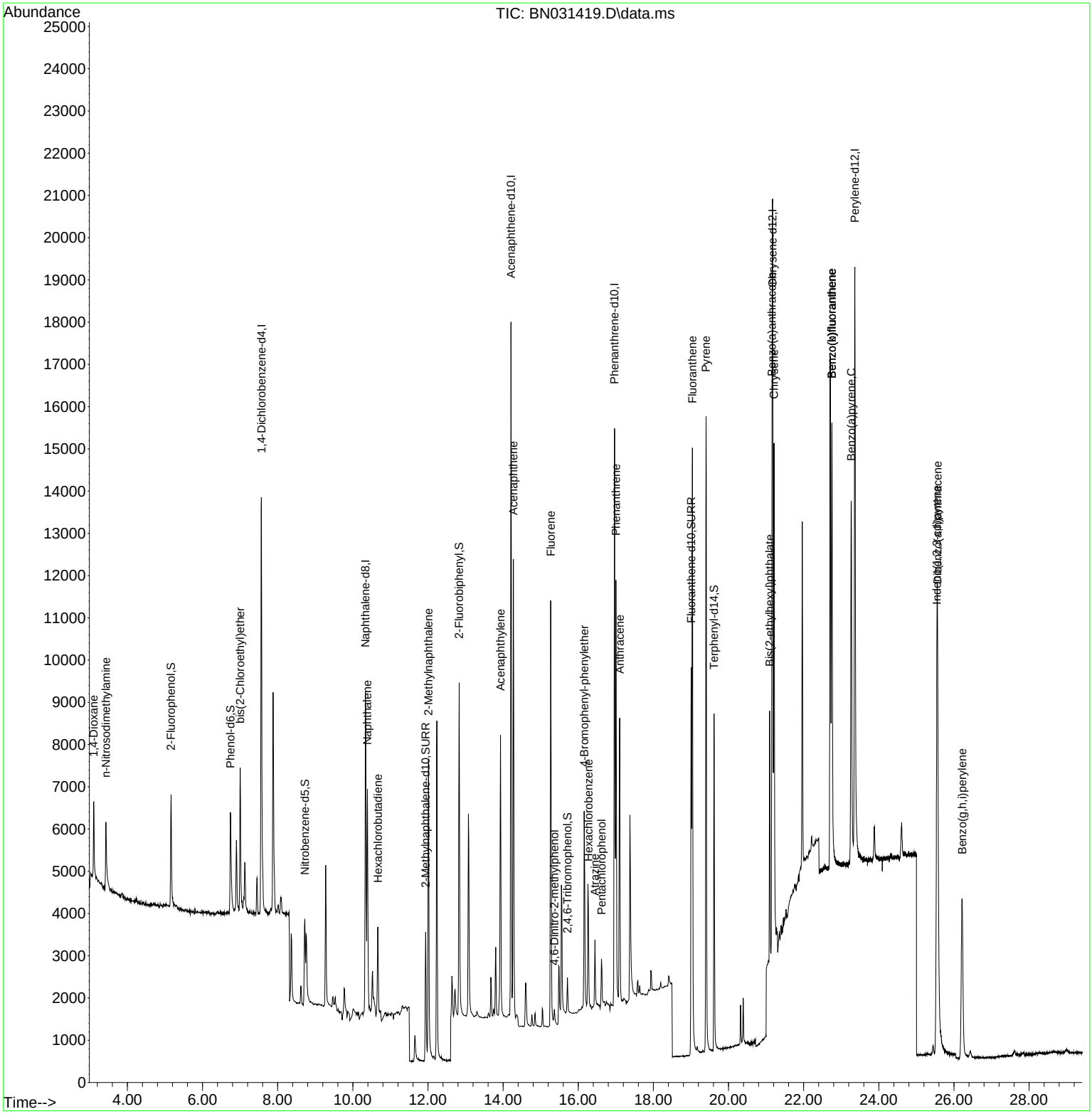
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	5265	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	11542	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	9206	0.400	ng		0.00
19) Phenanthrene-d10	16.966	188	17846	0.400	ng		0.00
29) Chrysene-d12	21.175	240	15072	0.400	ng	#	0.00
35) Perylene-d12	23.361	264	19178	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	2494	0.202	ng		0.00
5) Phenol-d6	6.743	99	2719	0.186	ng		0.00
8) Nitrobenzene-d5	8.723	82	2120	0.209	ng		0.01
11) 2-Methylnaphthalene-d10	11.941	152	4841	0.401	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	474	0.109	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	7575	0.222	ng		0.00
27) Fluoranthene-d10	19.007	212	10747	0.223	ng		0.00
31) Terphenyl-d14	19.616	244	8577	0.224	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	1323	0.211	ng		98
3) n-Nitrosodimethylamine	3.428	42	1260	0.201	ng	#	91
6) bis(2-Chloroethyl)ether	7.003	93	2624	0.192	ng		100
9) Naphthalene	10.389	128	7009	0.217	ng		100
10) Hexachlorobutadiene	10.667	225	1553	0.231	ng	#	99
12) 2-Methylnaphthalene	12.013	142	5723	0.410	ng		97
16) Acenaphthylene	13.932	152	7454	0.185	ng		100
17) Acenaphthene	14.274	154	5167	0.187	ng		98
18) Fluorene	15.268	166	4192	0.117	ng		99
20) 4,6-Dinitro-2-methylph...	15.365	198	327	0.145	ng	#	59
21) 4-Bromophenyl-phenylether	16.160	248	1927	0.187	ng		94
22) Hexachlorobenzene	16.271	284	2204	0.187	ng		95
23) Atrazine	16.445	200	1396	0.173	ng		98
24) Pentachlorophenol	16.619	266	661	0.259	ng		98
25) Phenanthrene	17.004	178	10017	0.196	ng		99
26) Anthracene	17.103	178	7738	0.180	ng		100
28) Fluoranthene	19.040	202	13744	0.220	ng		100
30) Pyrene	19.402	202	14099	0.257	ng		100
32) Benzo(a)anthracene	21.157	228	10058	0.193	ng		99
33) Chrysene	21.211	228	10395	0.192	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	5226	0.190	ng		99
36) Indeno(1,2,3-cd)pyrene	25.545	276	14721	0.190	ng		99
37) Benzo(b)fluoranthene	22.753	252	14099	0.187	ng		94
38) Benzo(k)fluoranthene	22.753	252	14427	0.196	ng	#	92
39) Benzo(a)pyrene	23.268	252	11959	0.189	ng	#	87
40) Dibenzo(a,h)anthracene	25.566	278	11504	0.188	ng		93
41) Benzo(g,h,i)perylene	26.221	276	8426	0.136	ng		97

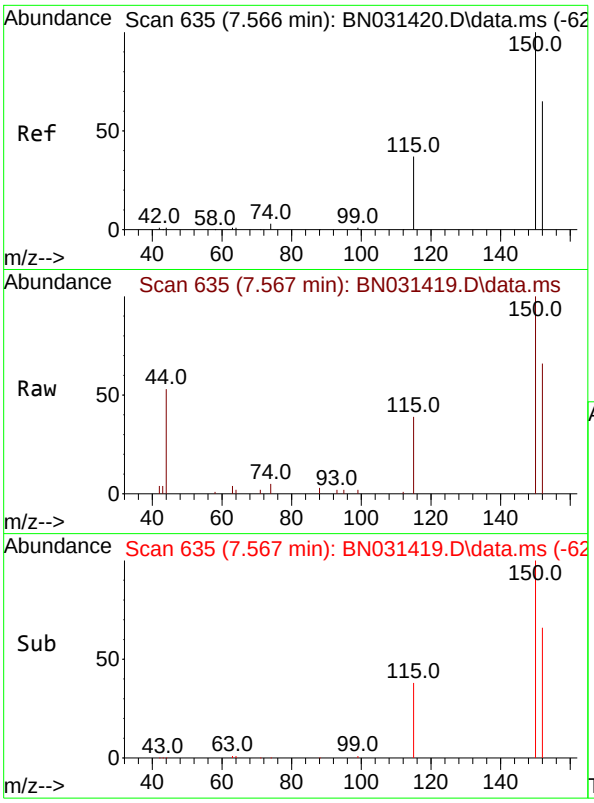
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031419.D
Acq On : 07 May 2024 13:21
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 07 17:09:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration



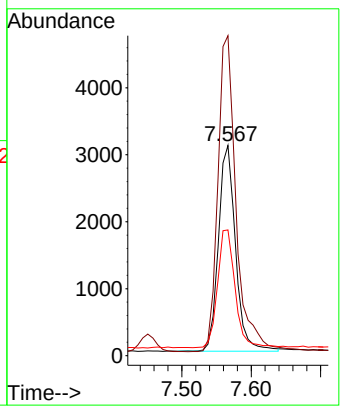


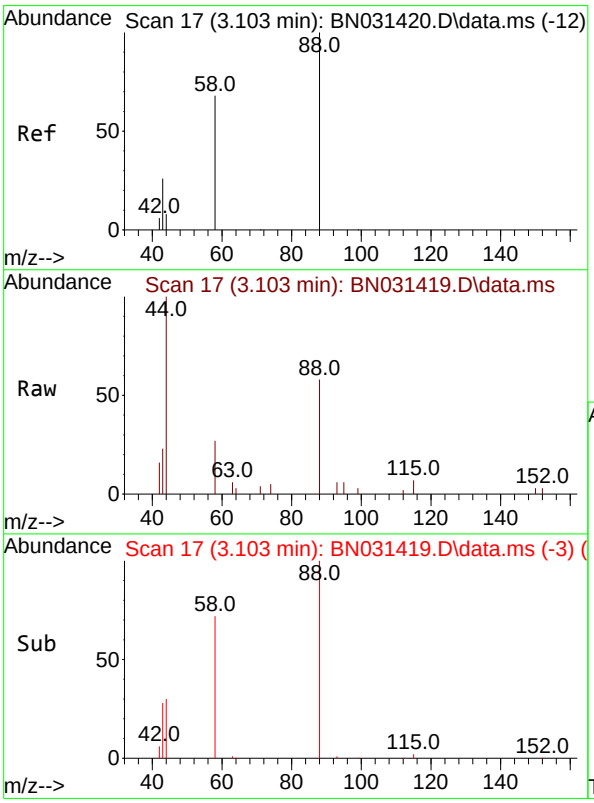
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5265

Ion	Ratio	Lower	Upper
152	100		
150	152.2	122.2	183.2
115	59.8	47.8	71.6

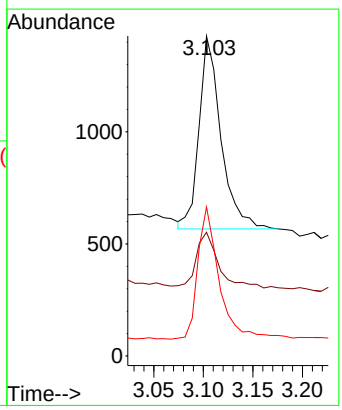


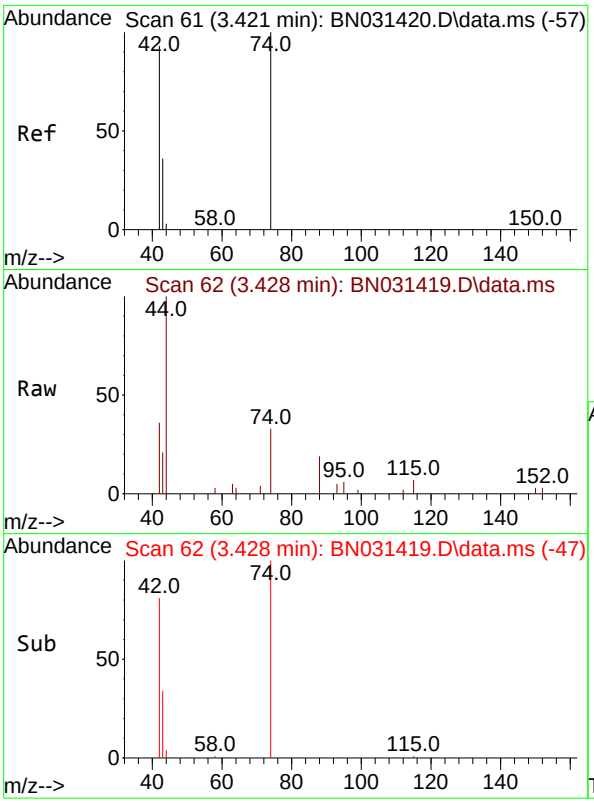


#2
1,4-Dioxane
Concen: 0.211 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion: 88 Resp: 1323

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.8	35.8
58	66.3	54.6	81.8



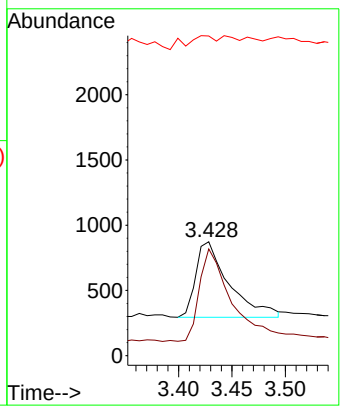


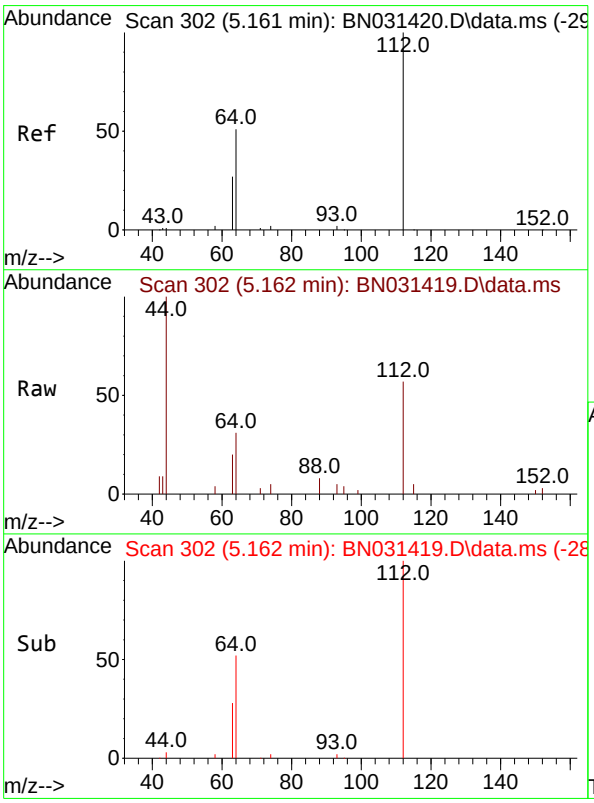
#3
n-Nitrosodimethylamine
Concen: 0.201 ng
RT: 3.428 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1260

Ion	Ratio	Lower	Upper
42	100		
74	117.9	101.7	152.5
44	16.0	5.3	7.9#

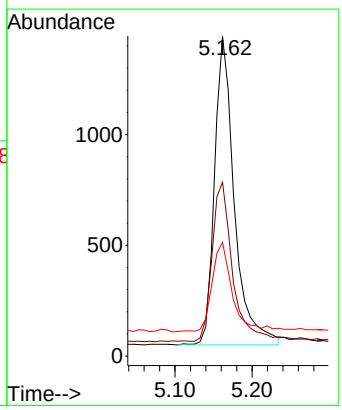


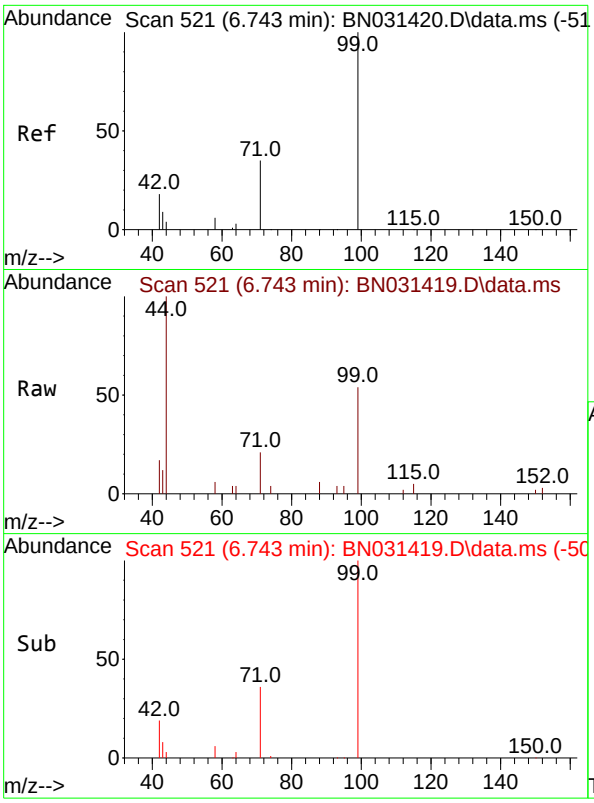


#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.162 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:112 Resp: 2494

Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.4	63.6
63	28.9	22.6	34.0



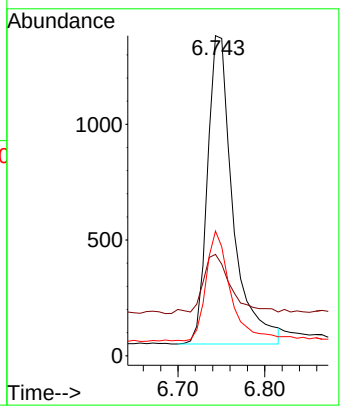


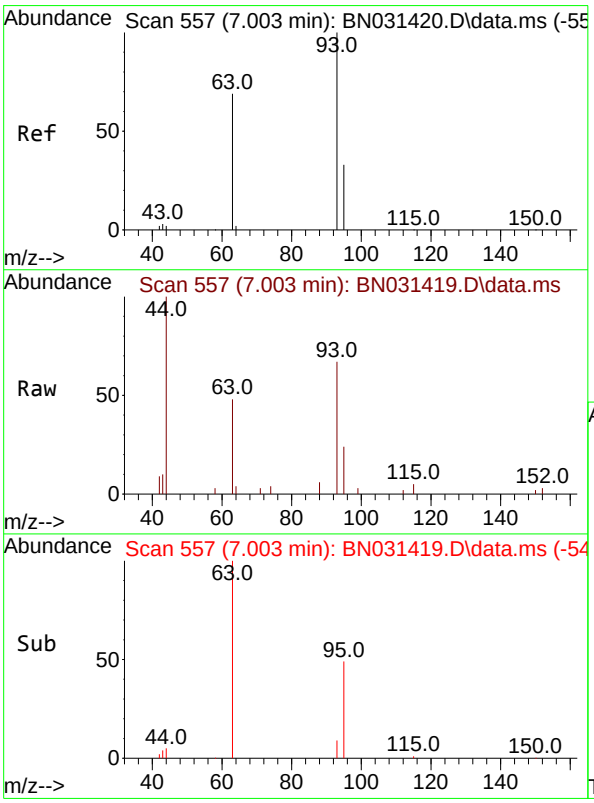
#5
Phenol-d6
Concen: 0.186 ng
RT: 6.743 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2719

Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.8	23.8
71	34.1	27.8	41.6

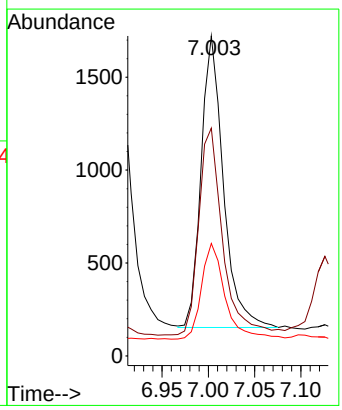


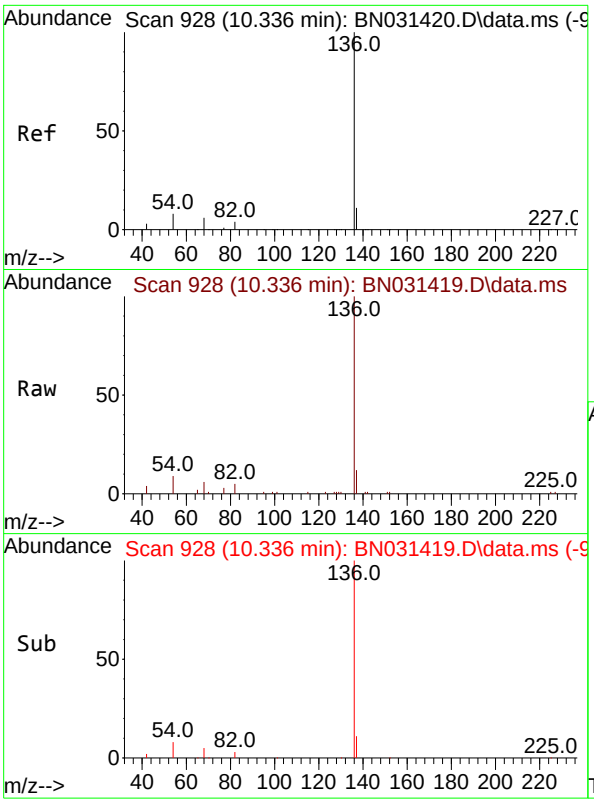


#6
bis(2-Chloroethyl)ether
Concen: 0.192 ng
RT: 7.003 min Scan# 557
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion: 93 Resp: 2624

Ion	Ratio	Lower	Upper
93	100		
63	75.9	60.7	91.1
95	34.8	28.0	42.0



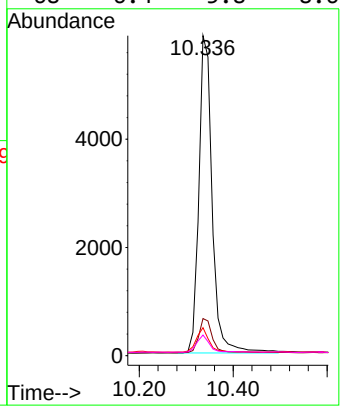


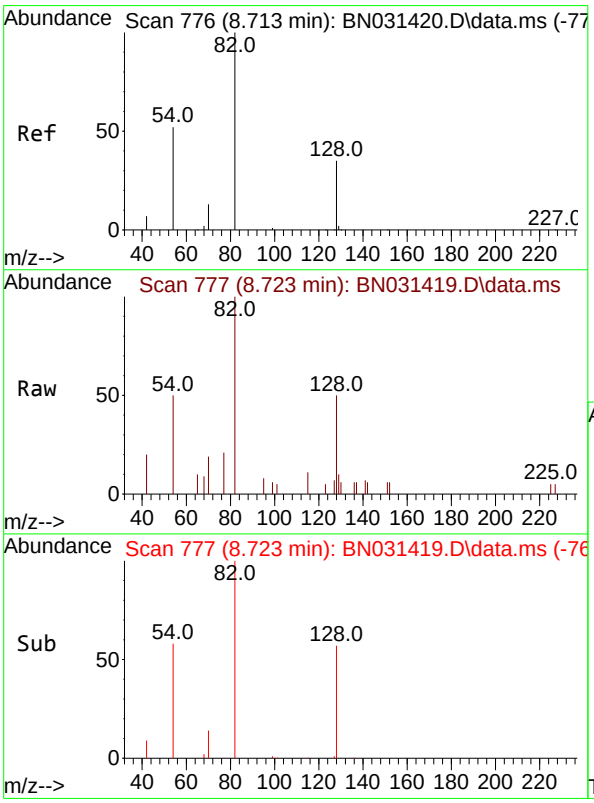
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 11542

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.8	7.2	10.8
68	6.4	5.8	8.6

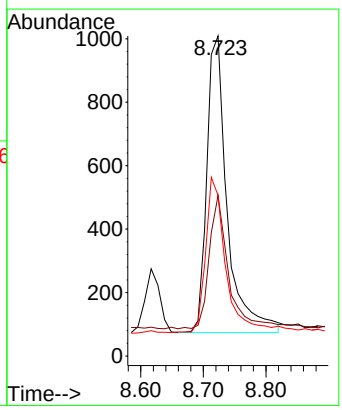


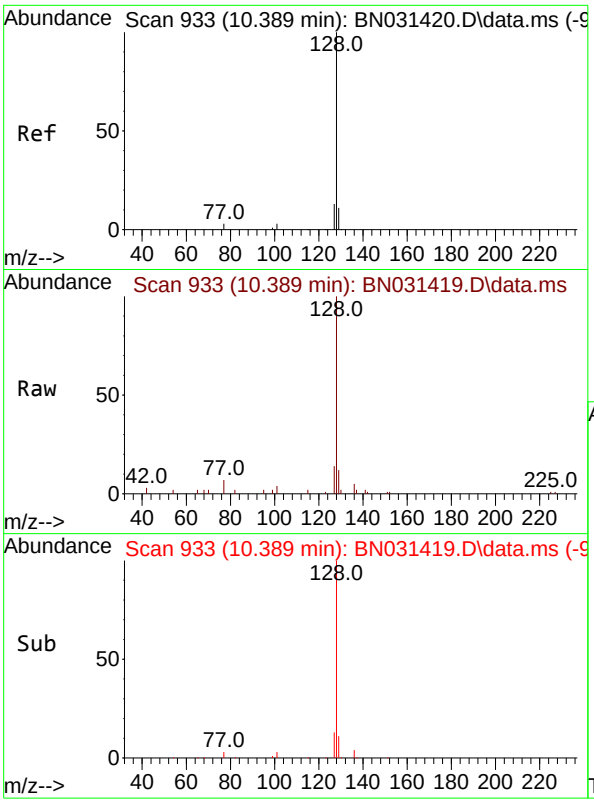


#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.723 min Scan# 777
Delta R.T. 0.011 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion: 82 Resp: 2120

Ion	Ratio	Lower	Upper
82	100		
128	50.1	30.0	45.0#
54	50.1	43.4	65.0



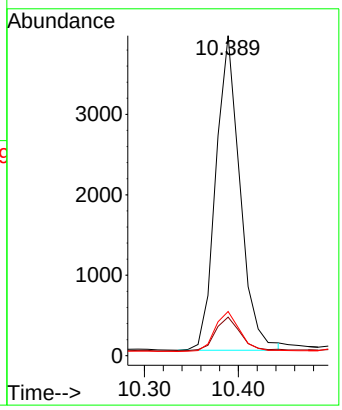


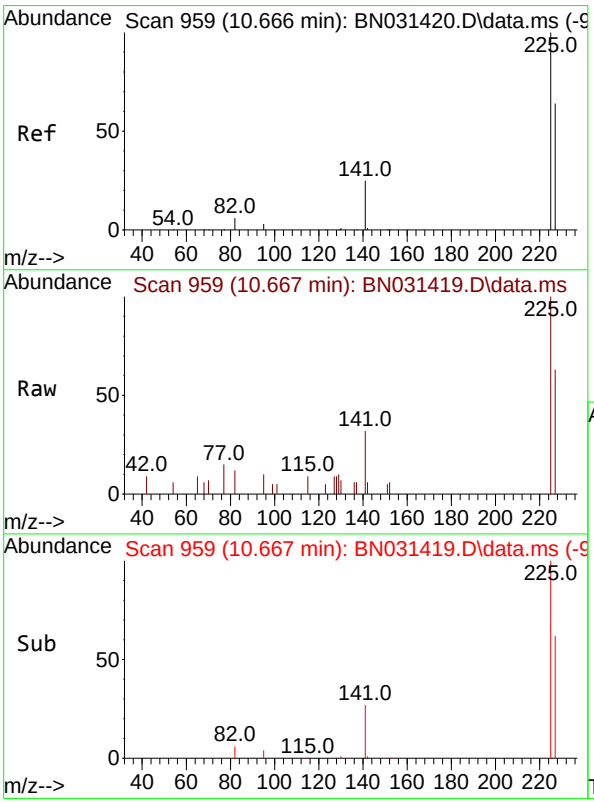
#9
Naphthalene
Concen: 0.217 ng
RT: 10.389 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7009

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	13.8	11.1	16.7

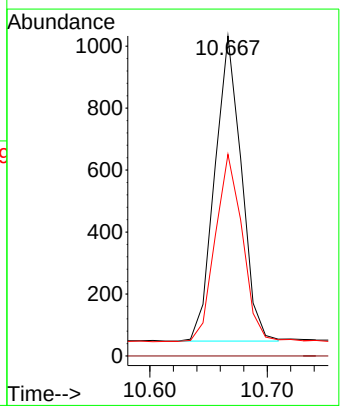


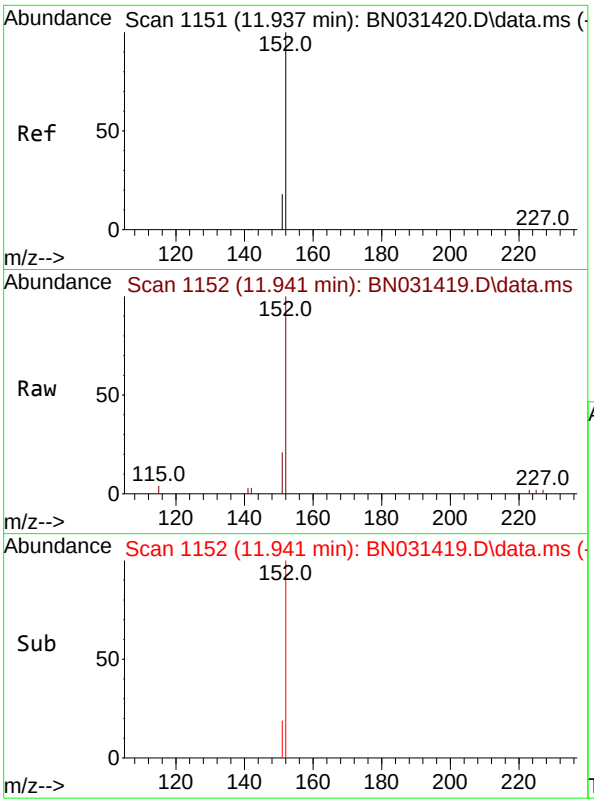


#10
Hexachlorobutadiene
Concen: 0.231 ng
RT: 10.667 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:225 Resp: 1553

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	50.8	76.2



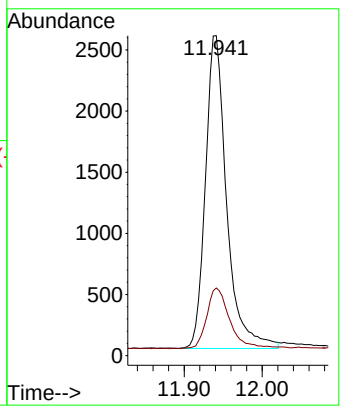


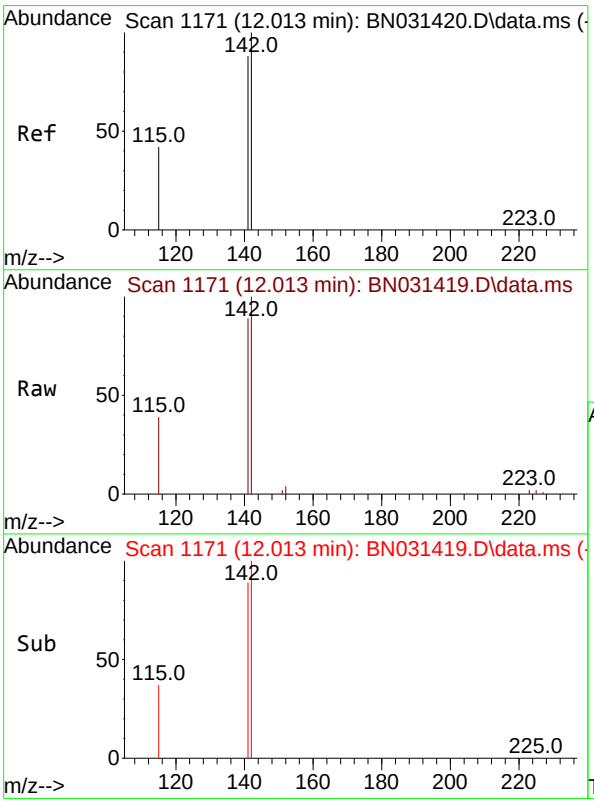
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.941 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4841

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

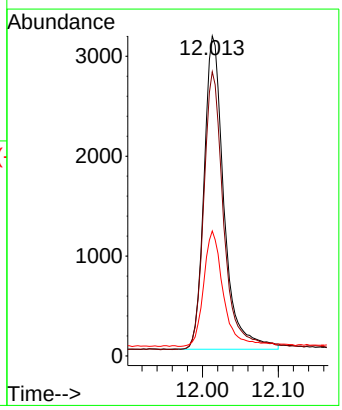


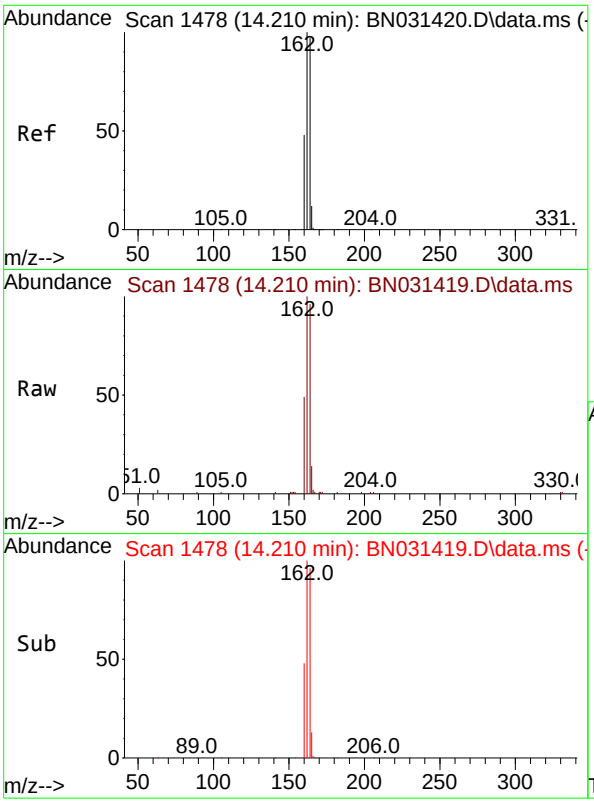


#12
2-Methylnaphthalene
Concen: 0.410 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:142 Resp: 5723

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.2	105.2
115	39.0	34.2	51.4



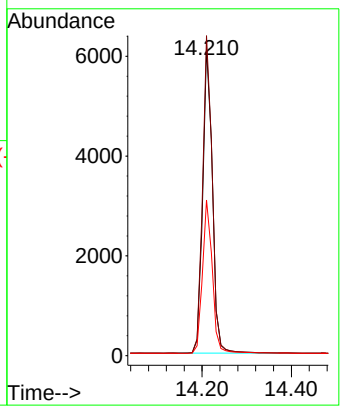


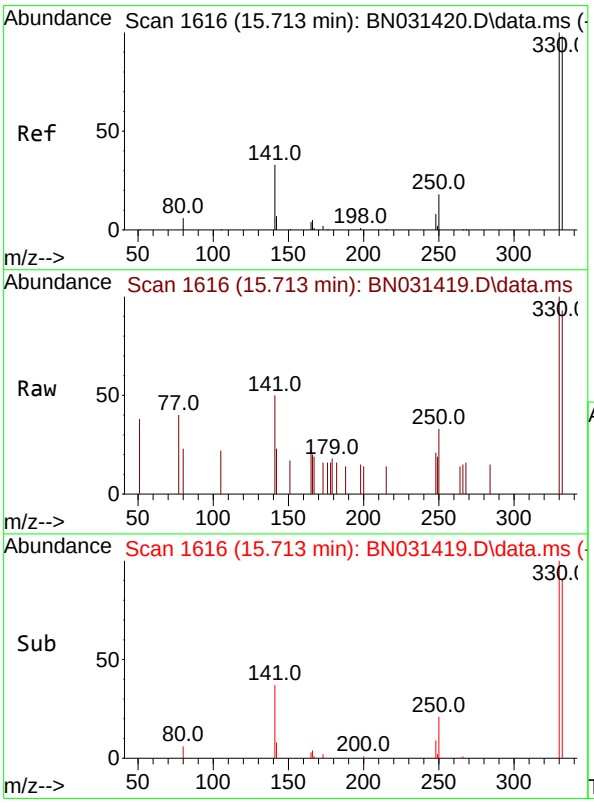
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9206

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.3	123.5
160	50.6	40.2	60.2

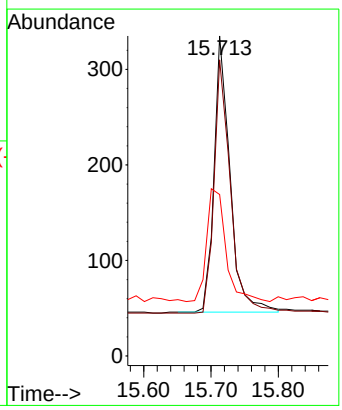


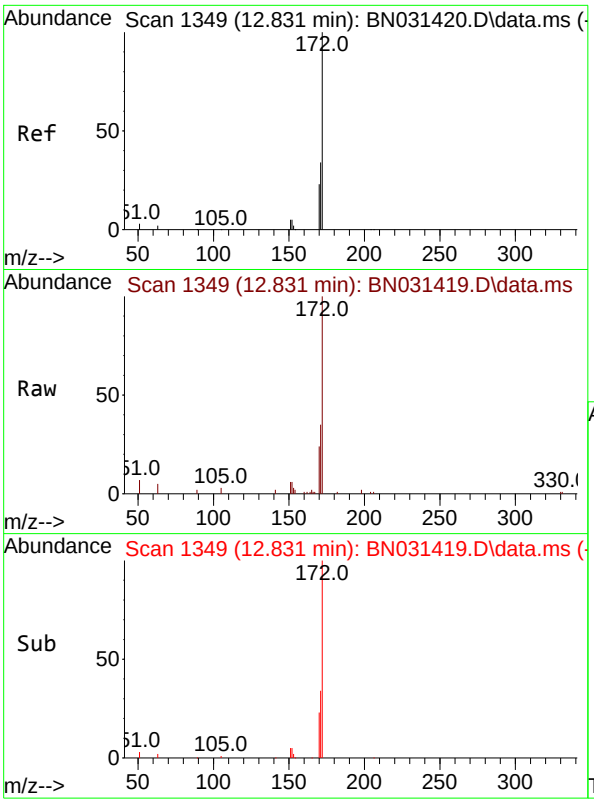


#14
2,4,6-Tribromophenol
Concen: 0.109 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:330 Resp: 474

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.5	116.3
141	48.9	39.3	58.9



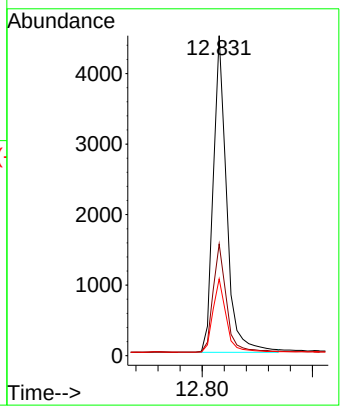


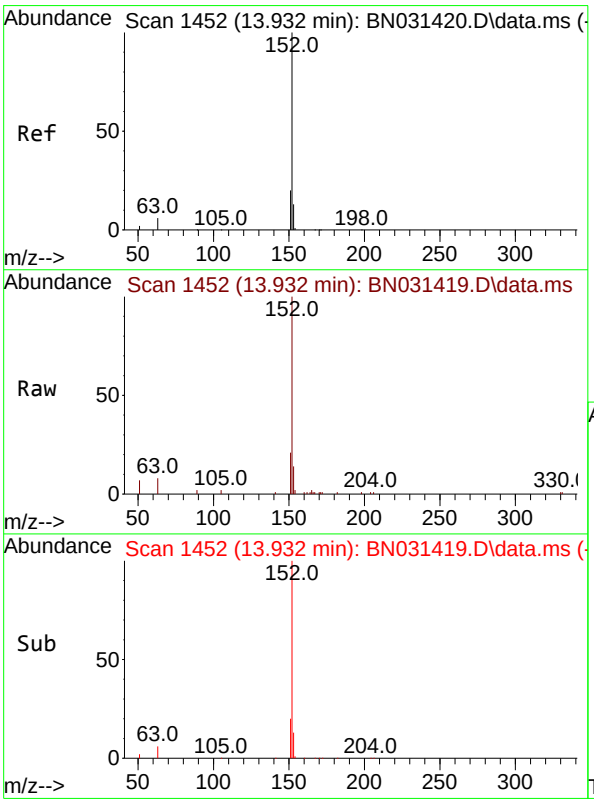
#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7575

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	24.0	18.9	28.3

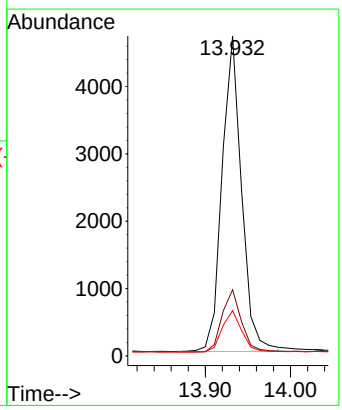


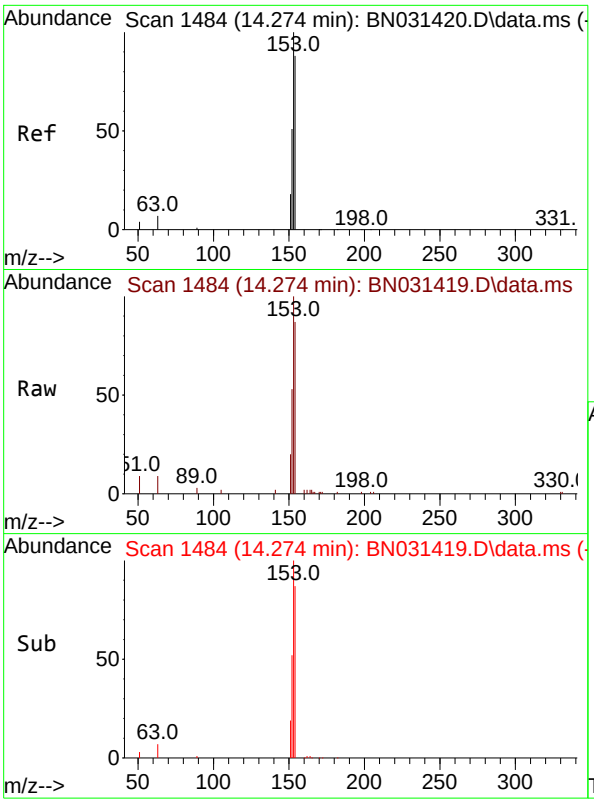


#16
Acenaphthylene
Concen: 0.185 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:152 Resp: 7454

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.3	10.5	15.7



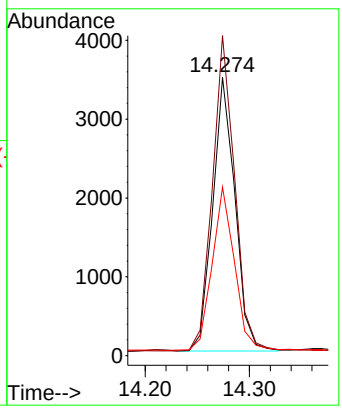


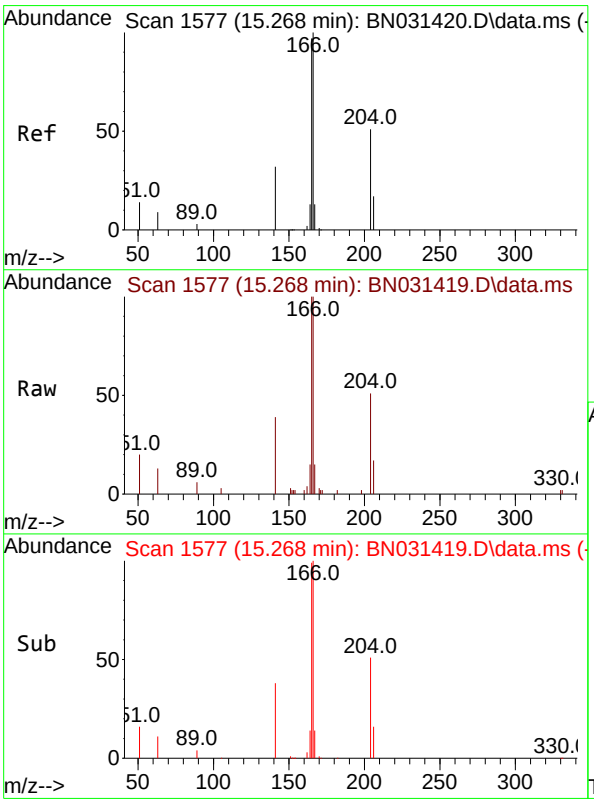
#17
Acenaphthene
Concen: 0.187 ng
RT: 14.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5167

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.4	135.6
152	59.5	46.4	69.6

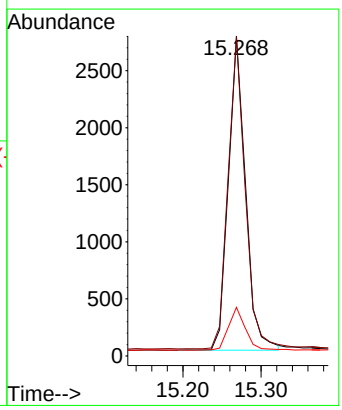


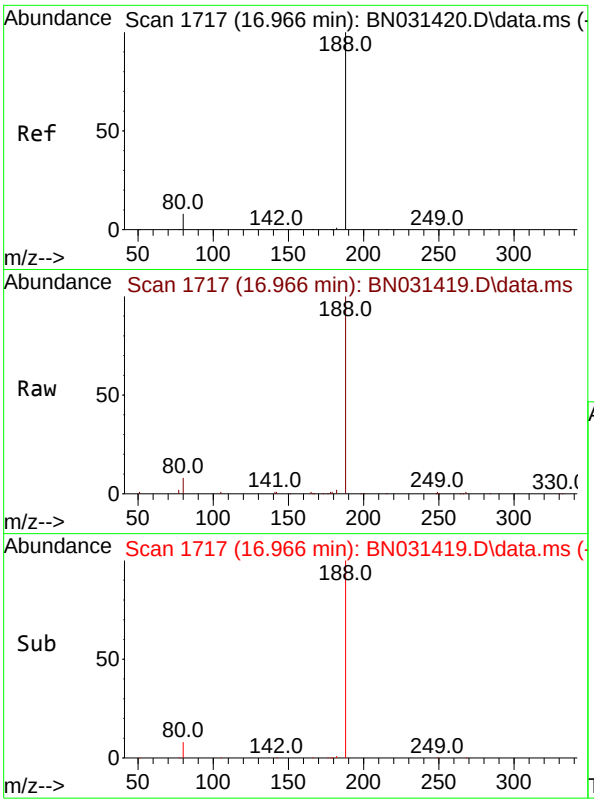


#18
Fluorene
Concen: 0.117 ng
RT: 15.268 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:166 Resp: 4192

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.5	10.8	16.2



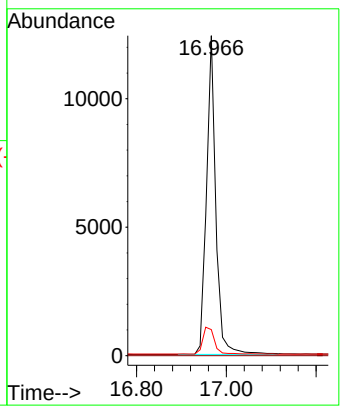


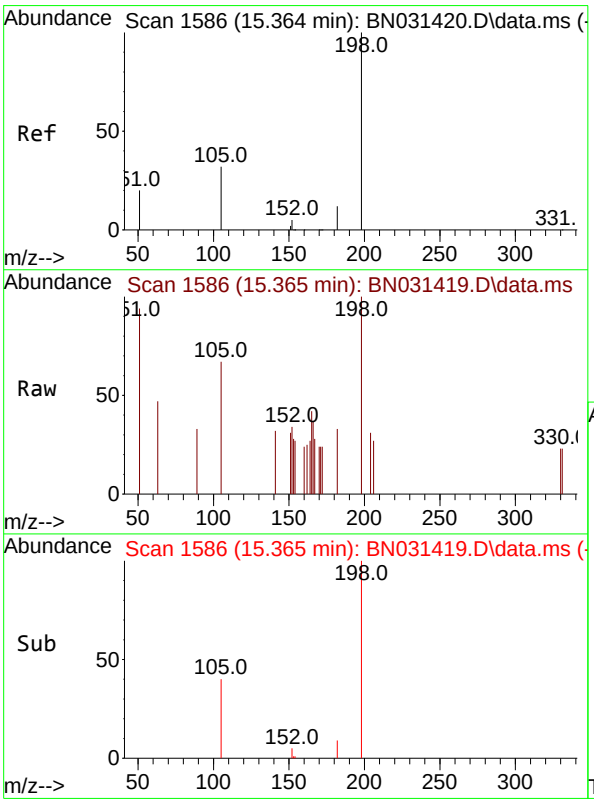
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 17846

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.8	10.2

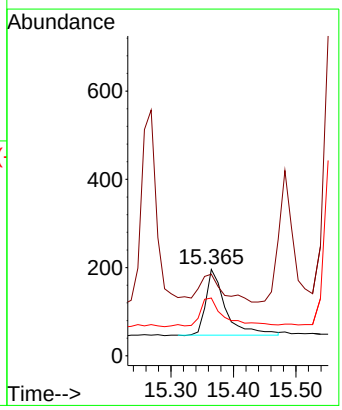


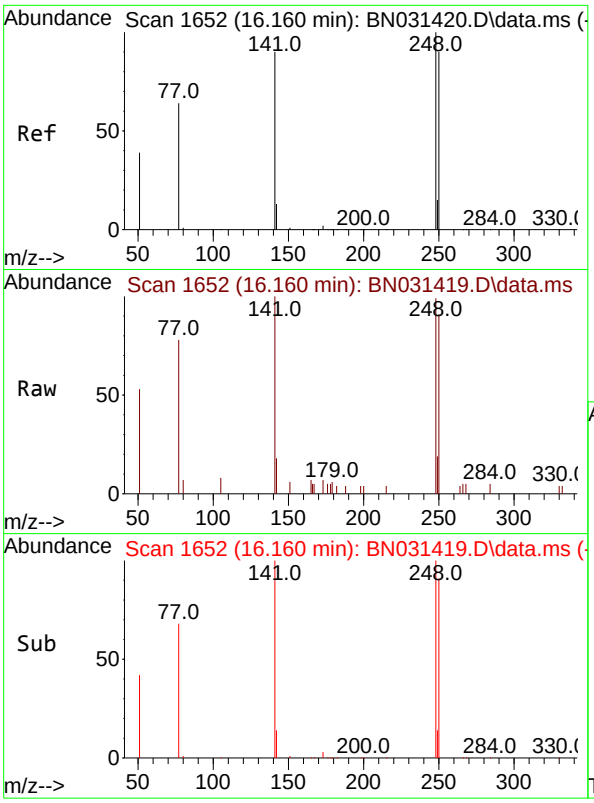


#20
4,6-Dinitro-2-methylphenol
Concen: 0.145 ng
RT: 15.365 min Scan# 1586
Delta R.T. 0.001 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:198 Resp: 327

Ion	Ratio	Lower	Upper
198	100		
51	94.4	47.4	71.2#
105	66.8	35.7	53.5#



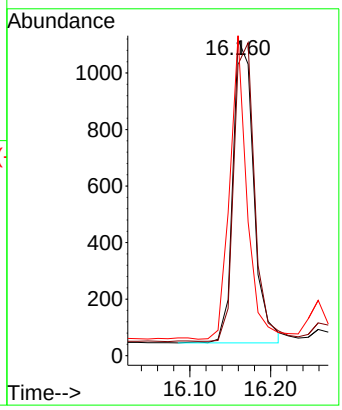


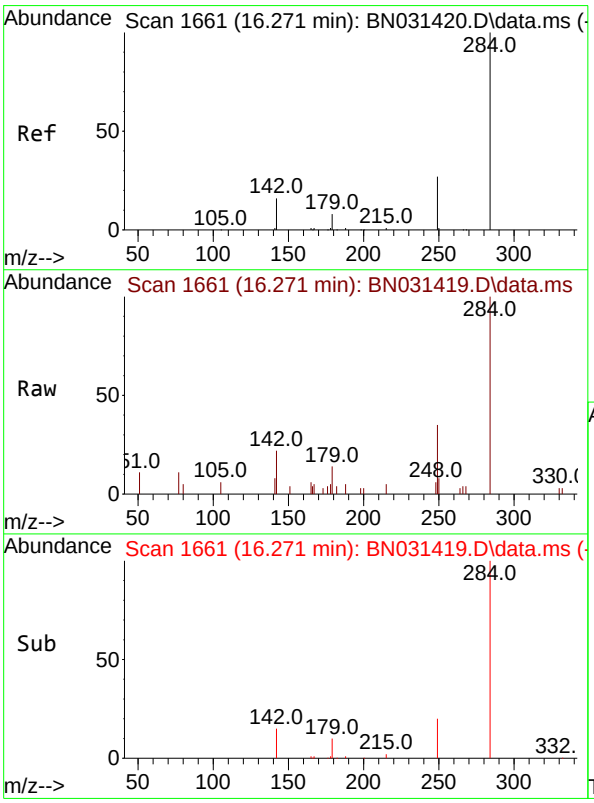
#21
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.160 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1927

Ion	Ratio	Lower	Upper
248	100		
250	92.0	72.3	108.5
141	101.2	72.9	109.3

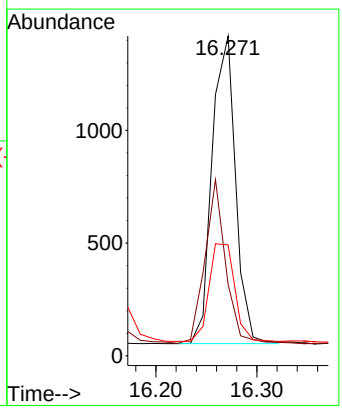


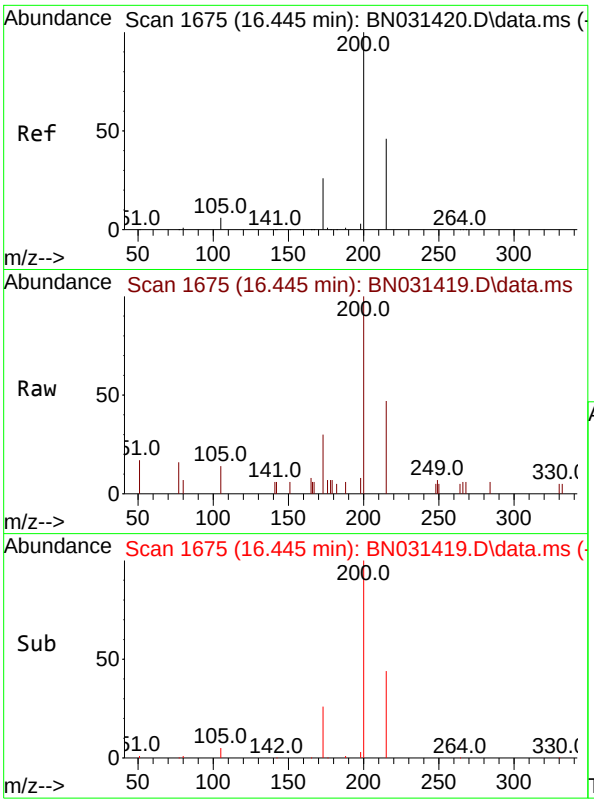


#22
Hexachlorobenzene
Concen: 0.187 ng
RT: 16.271 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:284 Resp: 2204

Ion	Ratio	Lower	Upper
284	100		
142	46.4	33.8	50.8
249	34.5	25.8	38.8



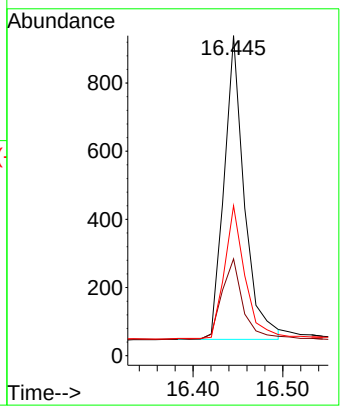


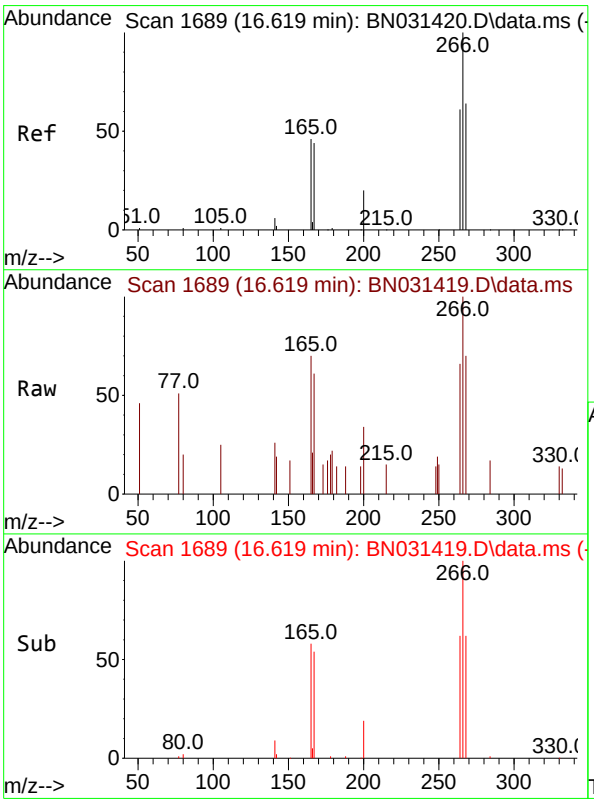
#23
Atrazine
Concen: 0.173 ng
RT: 16.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1396

Ion	Ratio	Lower	Upper
200	100		
173	30.2	21.8	32.6
215	46.9	37.5	56.3

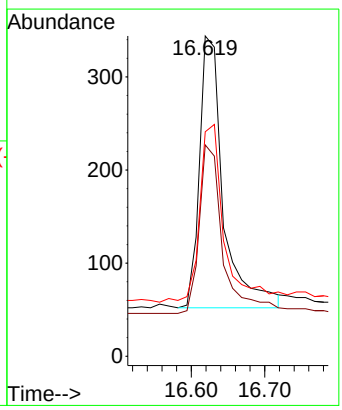


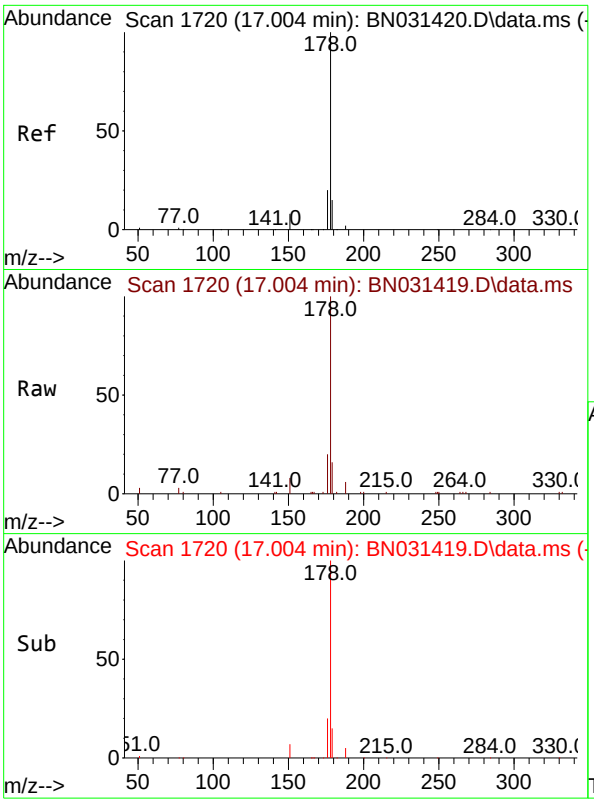


#24
Pentachlorophenol
Concen: 0.259 ng
RT: 16.619 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:266 Resp: 661

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.0	73.4
268	66.0	51.0	76.4



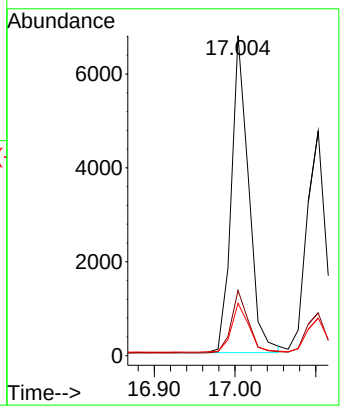


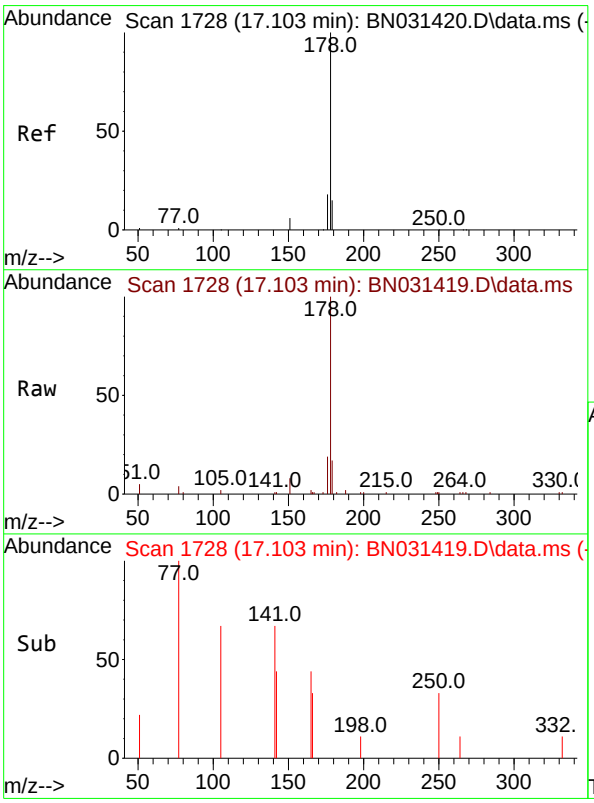
#25
Phenanthrene
Concen: 0.196 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 10017

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.8	12.3	18.5

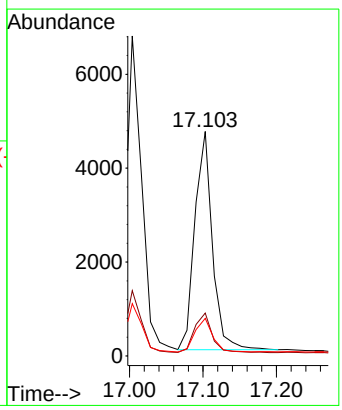


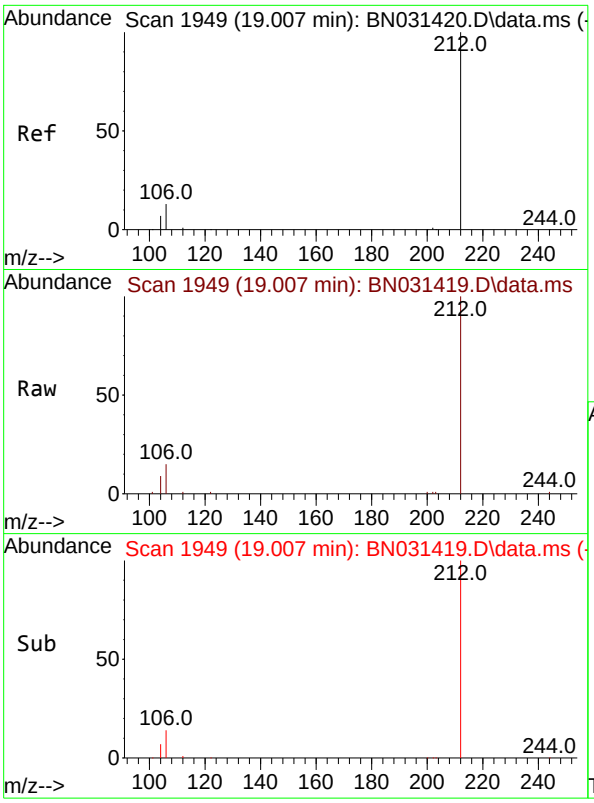


#26
Anthracene
Concen: 0.180 ng
RT: 17.103 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:178 Resp: 7738

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.4	12.1	18.1



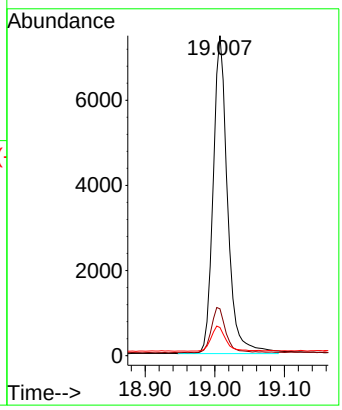


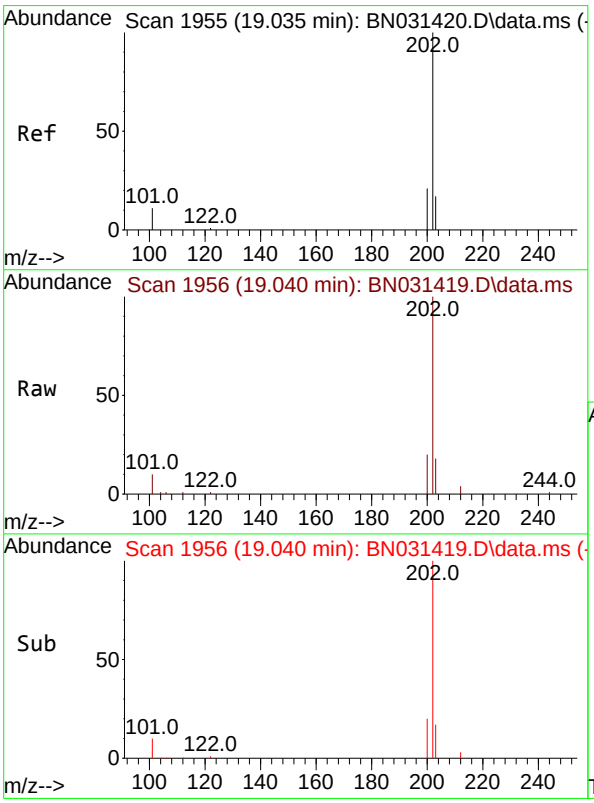
#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.007 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 10747

Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.5	17.3
104	8.0	6.4	9.6

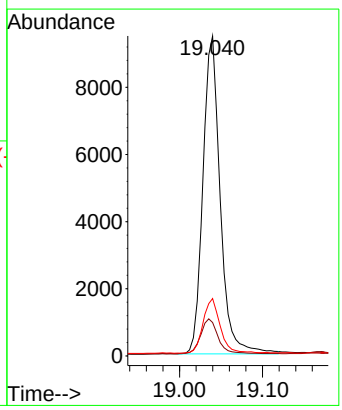


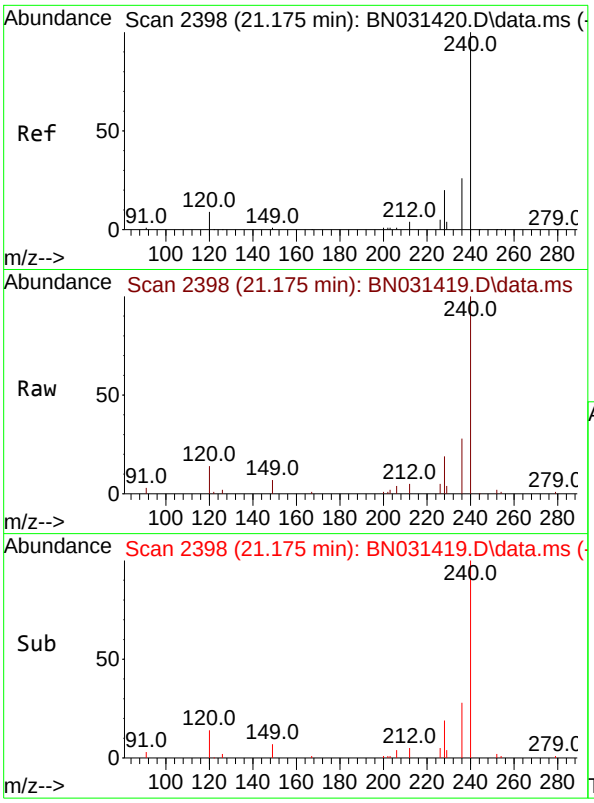


#28
Fluoranthene
Concen: 0.220 ng
RT: 19.040 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:202 Resp: 13744

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
203	17.2	13.7	20.5



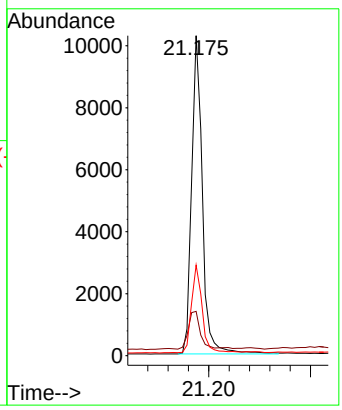


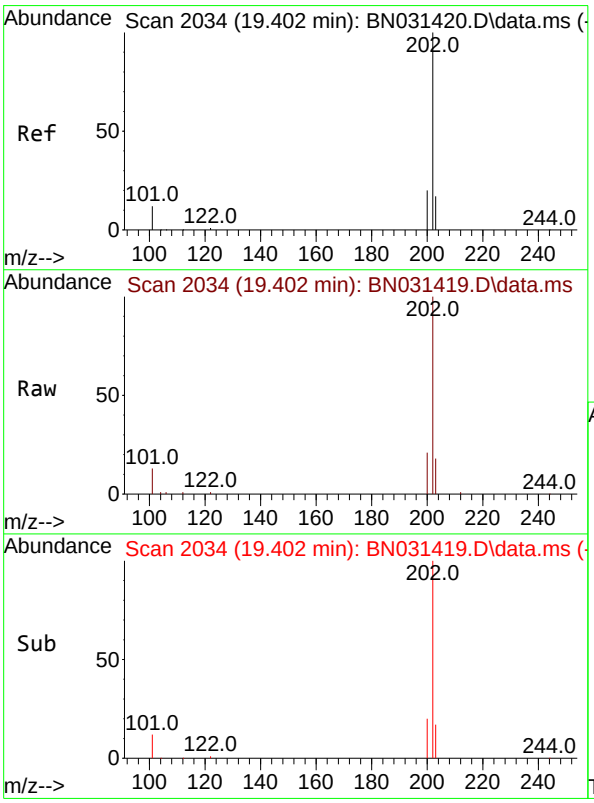
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.175 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 15072

Ion	Ratio	Lower	Upper
240	100		
120	13.8	7.9	11.9#
236	28.3	21.4	32.2

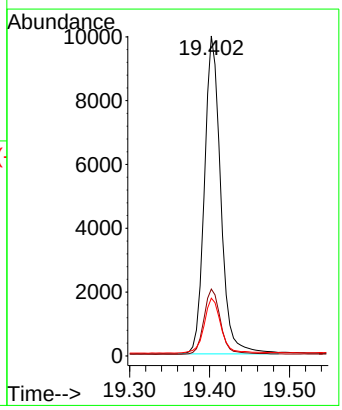


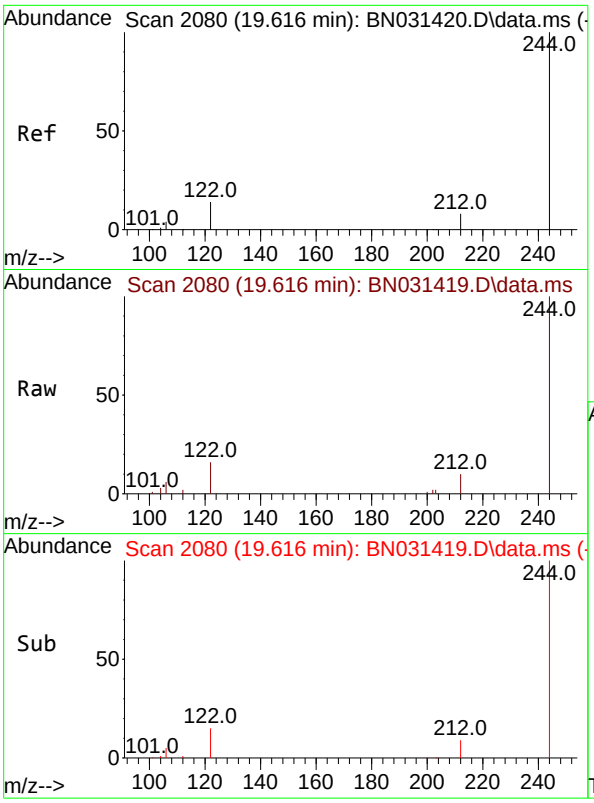


#30
Pyrene
Concen: 0.257 ng
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:202 Resp: 14099

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.8	14.3	21.5



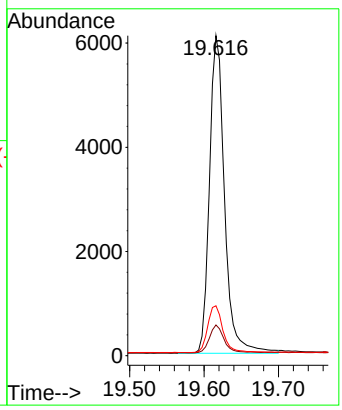


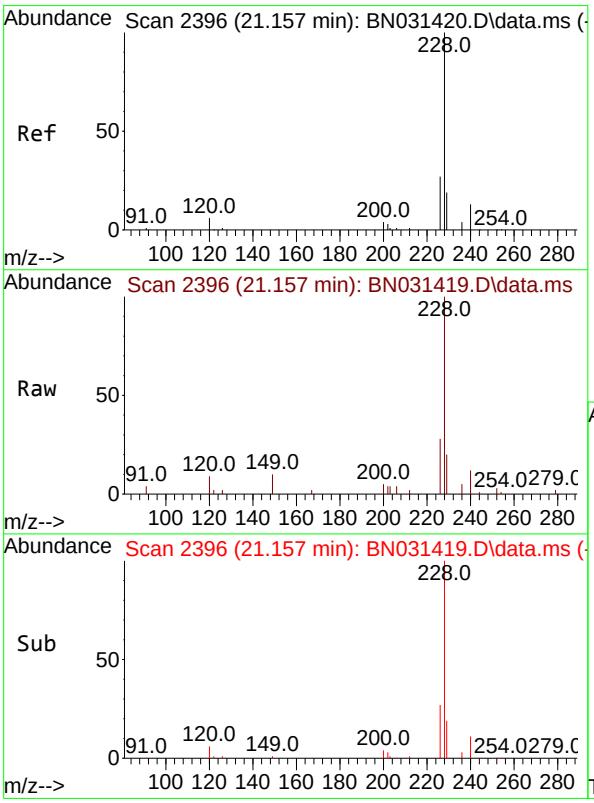
#31
Terphenyl-d14
Concen: 0.224 ng
RT: 19.616 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 8577

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.9	10.3
122	15.6	11.4	17.2

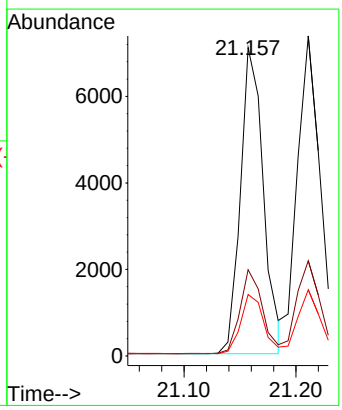


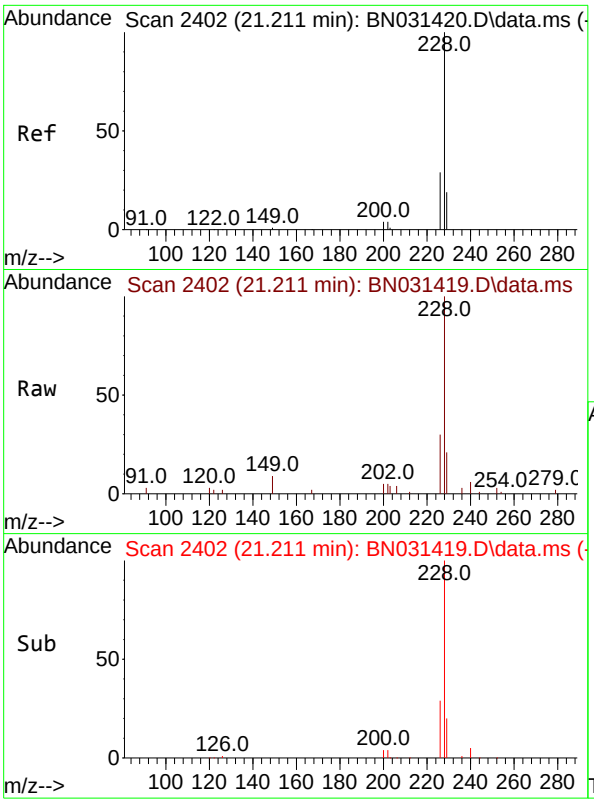


#32
Benzo(a)anthracene
Concen: 0.193 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:228 Resp: 10058

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.0	15.6	23.4



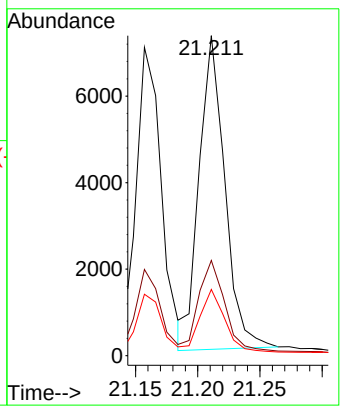


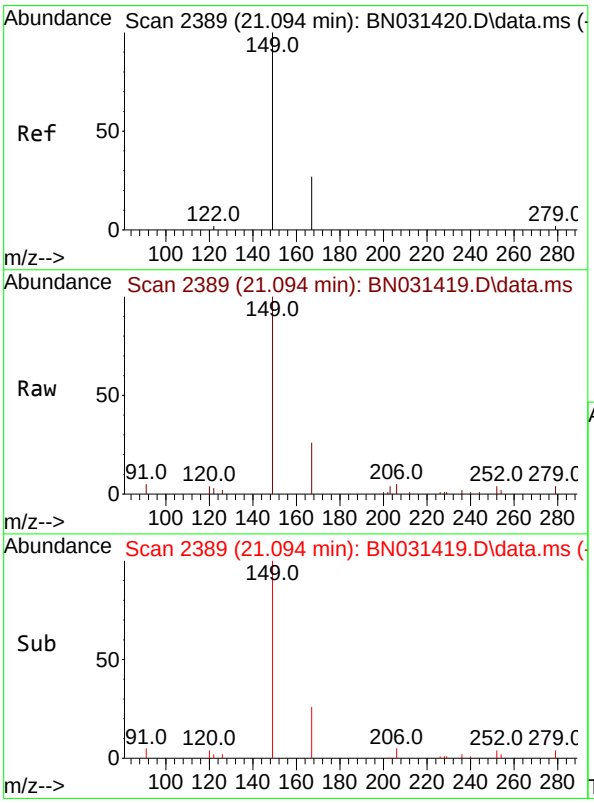
#33
Chrysene
Concen: 0.192 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 10395

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	20.7	15.8	23.8

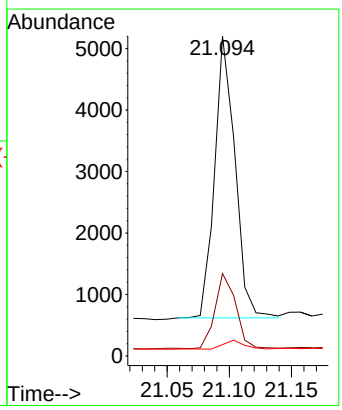


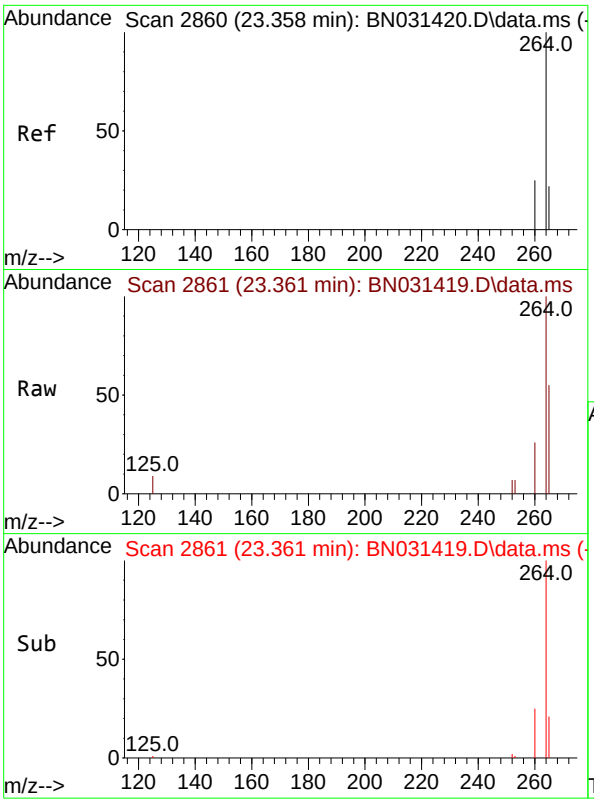


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.190 ng
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:149 Resp: 5226

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	3.8	3.2	4.8



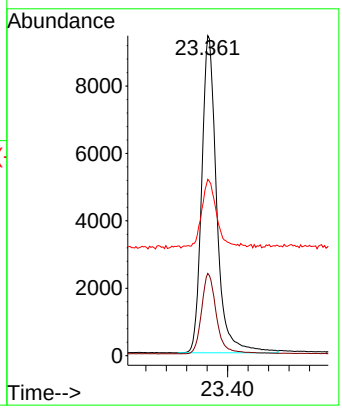


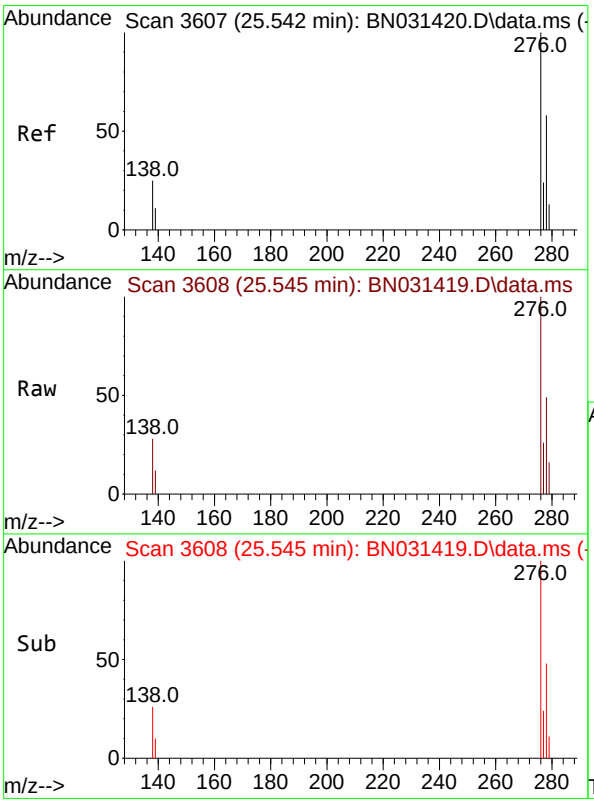
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.361 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 19178

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.4
265	55.1	43.4	65.2

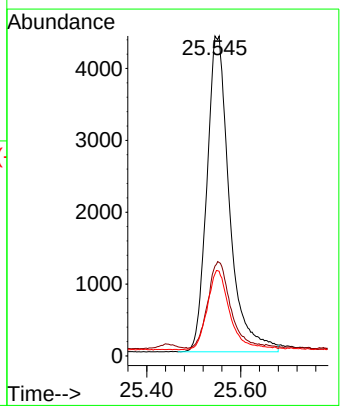


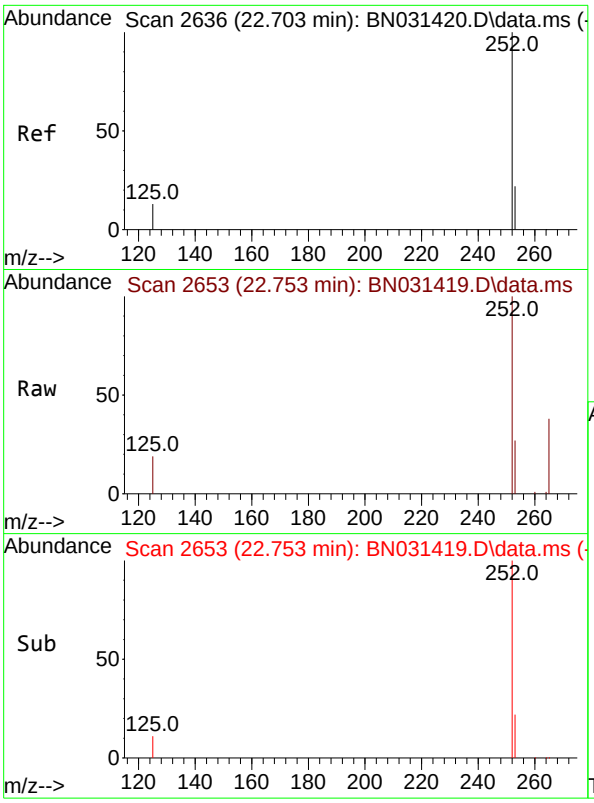


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng
RT: 25.545 min Scan# 3608
Delta R.T. 0.003 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:276 Resp: 14721

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.5	32.3
277	25.0	19.8	29.8



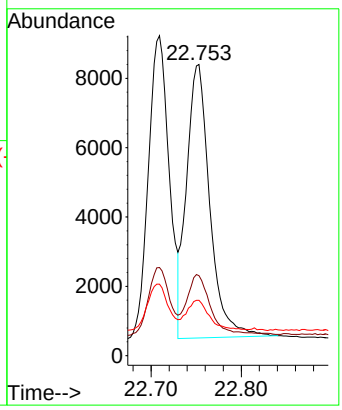


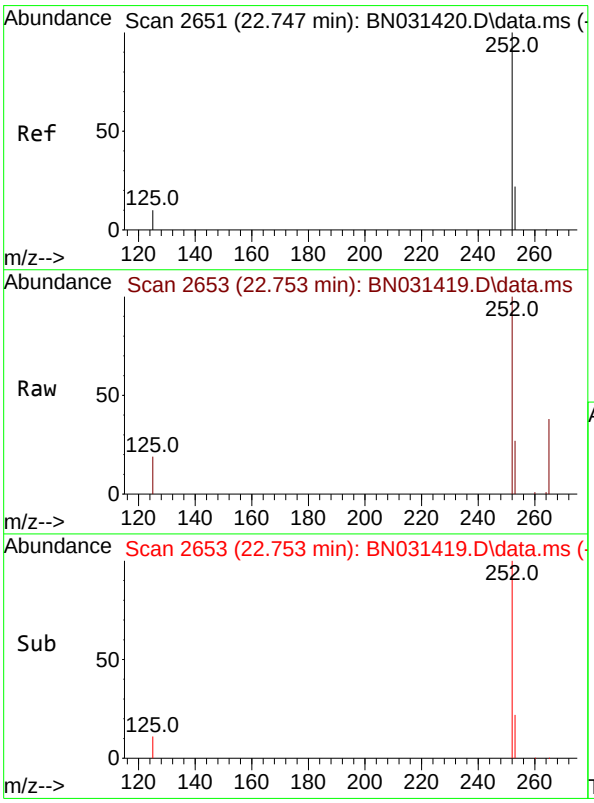
#37
Benzo(b)fluoranthene
Concen: 0.187 ng
RT: 22.753 min Scan# 2
Delta R.T. 0.050 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 14099

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.5	29.3
125	19.0	12.9	19.3

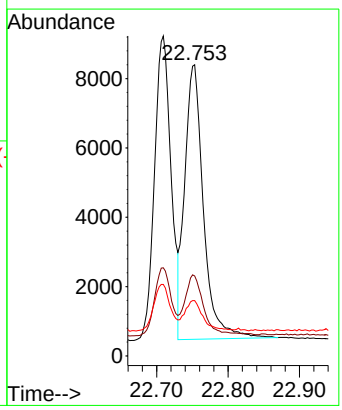


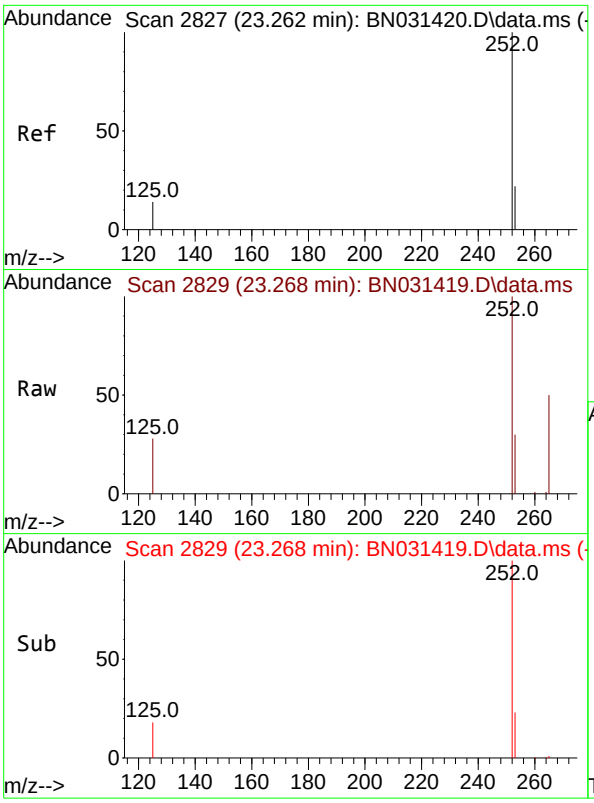


#38
Benzo(k)fluoranthene
Concen: 0.196 ng
RT: 22.753 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:252 Resp: 14427

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.5	29.3
125	19.0	11.5	17.3#



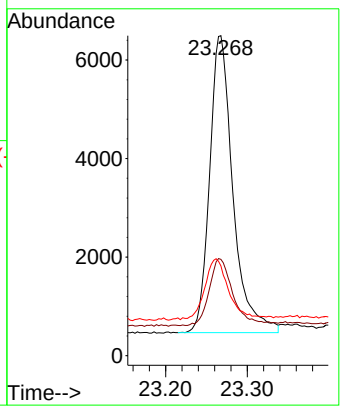


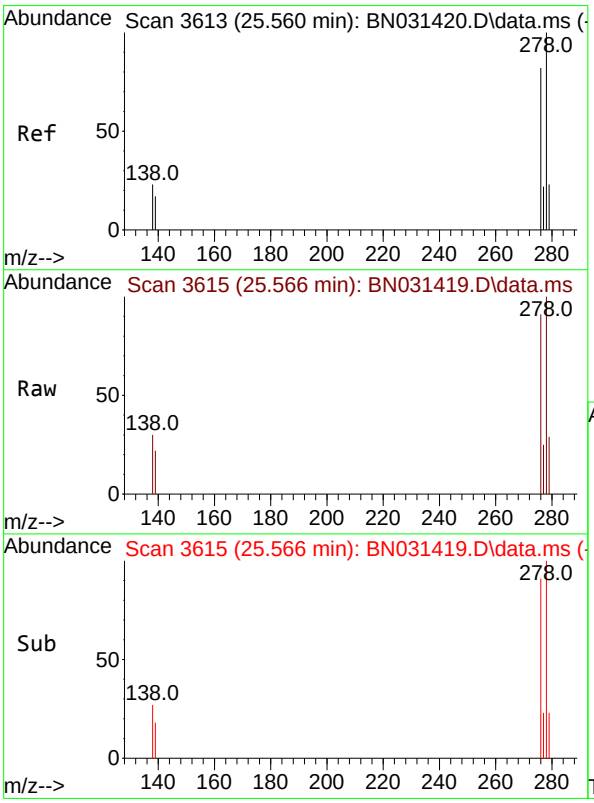
#39
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.268 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 11959

Ion	Ratio	Lower	Upper
252	100		
253	30.1	20.8	31.2
125	28.0	15.2	22.8#

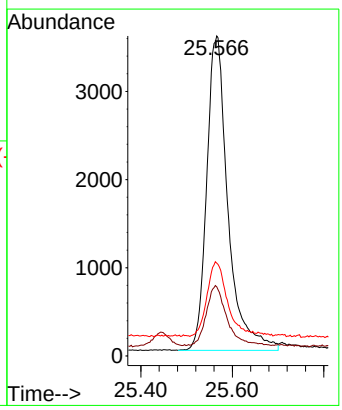


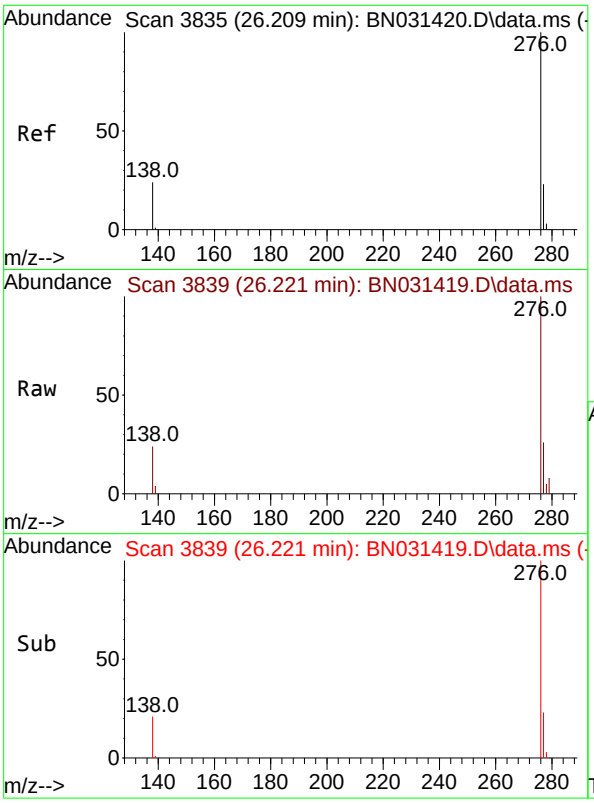


#40
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 25.566 min Scan# 3615
Delta R.T. 0.006 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Tgt Ion:278 Resp: 11504

Ion	Ratio	Lower	Upper
278	100		
139	21.6	14.7	22.1
279	29.0	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 0.136 ng
RT: 26.221 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN031419.D
Acq: 07 May 2024 13:21

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 8426

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.2
138	23.5	19.7	29.5