Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071124\
Data File : BN032617.D
Acq On : 10 Jul 2024 16:30
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 10 23:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:11:23 2024
Response via : Initial Calibration

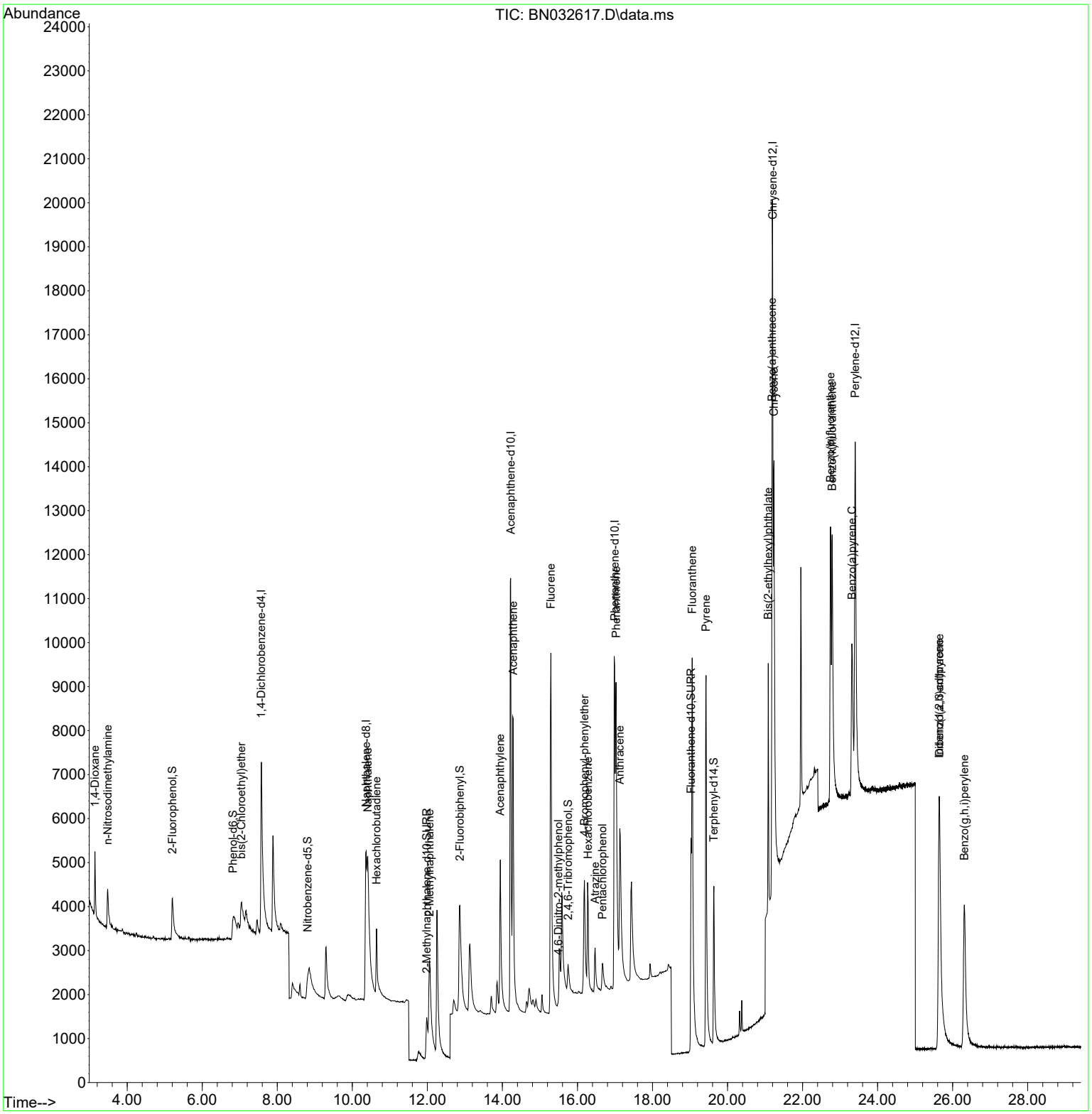
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.574	152	4107	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	12794	0.400	ng		0.01
13) Acenaphthene-d10	14.221	164	8748	0.400	ng		0.01
19) Phenanthrene-d10	16.991	188	19183	0.400	ng		0.01
29) Chrysene-d12	21.202	240	15620	0.400	ng		0.00
35) Perylene-d12	23.402	264	15078	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	2011	0.194	ng		0.00
5) Phenol-d6	6.823	99	2262	0.170	ng		0.03
8) Nitrobenzene-d5	8.809	82	1732	0.181	ng		0.03
11) 2-Methylnaphthalene-d10	11.983	152	3683	0.182	ng		0.02
14) 2,4,6-Tribromophenol	15.750	330	655	0.165	ng		0.01
15) 2-Fluorobiphenyl	12.863	172	6071	0.188	ng		0.01
27) Fluoranthene-d10	19.026	212	9463	0.189	ng		0.00
31) Terphenyl-d14	19.635	244	6201	0.163	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	1078	0.199	ng	#	97
3) n-Nitrosodimethylamine	3.479	42	838	0.213	ng	#	99
6) bis(2-Chloroethyl)ether	7.040	93	1728	0.190	ng		95
9) Naphthalene	10.411	128	6872	0.197	ng	#	94
10) Hexachlorobutadiene	10.645	225	1379	0.198	ng	#	100
12) 2-Methylnaphthalene	12.058	142	4254	0.182	ng		96
16) Acenaphthylene	13.943	152	6373	0.169	ng		98
17) Acenaphthene	14.285	154	4760	0.182	ng		100
18) Fluorene	15.290	166	6444	0.188	ng		100
20) 4,6-Dinitro-2-methylph...	15.493	198	269	0.107	ng	#	31
21) 4-Bromophenyl-phenylether	16.185	248	2098	0.184	ng		92
22) Hexachlorobenzene	16.284	284	2435	0.194	ng		97
23) Atrazine	16.470	200	1492	0.168	ng		95
24) Pentachlorophenol	16.669	266	772	0.184	ng		97
25) Phenanthrene	17.029	178	9461	0.182	ng		99
26) Anthracene	17.128	178	7118	0.170	ng		99
28) Fluoranthene	19.059	202	11847	0.188	ng		99
30) Pyrene	19.426	202	12255	0.193	ng		100
32) Benzo(a)anthracene	21.184	228	8415	0.163	ng		98
33) Chrysene	21.238	228	11768	0.192	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	5344	0.152	ng		100
36) Indeno(1,2,3-cd)pyrene	25.639	276	10630	0.185	ng		98
37) Benzo(b)fluoranthene	22.744	252	9009	0.179	ng	#	86
38) Benzo(k)fluoranthene	22.785	252	11694	0.202	ng	#	89
39) Benzo(a)pyrene	23.315	252	8607	0.181	ng	#	80
40) Dibenzo(a,h)anthracene	25.648	278	8413	0.184	ng	#	90
41) Benzo(g,h,i)perylene	26.311	276	9713	0.195	ng		96

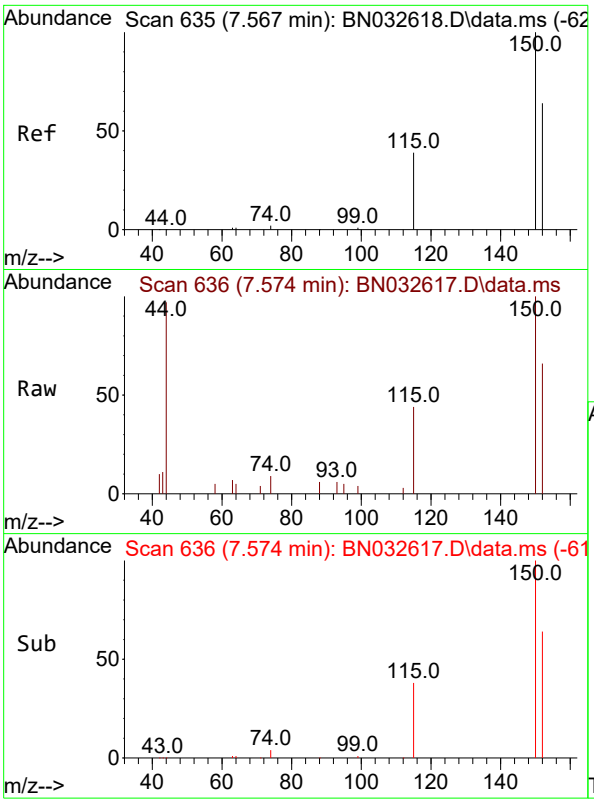
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071124\
Data File : BN032617.D
Acq On : 10 Jul 2024 16:30
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 10 23:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 23:11:23 2024
Response via : Initial Calibration



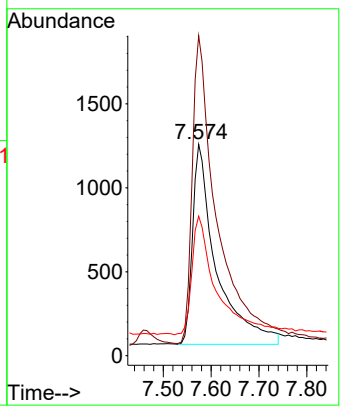


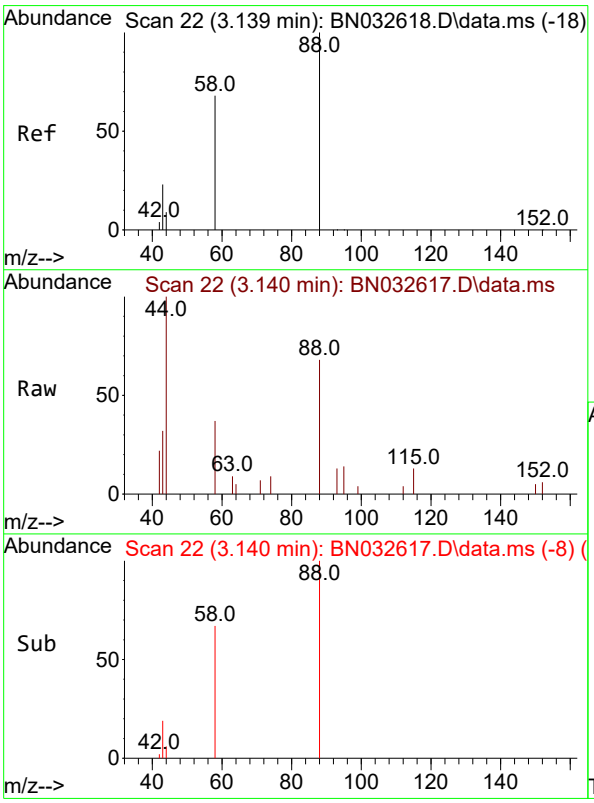
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.574 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4107

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.8	185.6
115	66.0	52.8	79.2

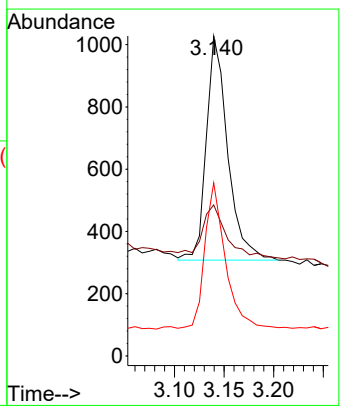


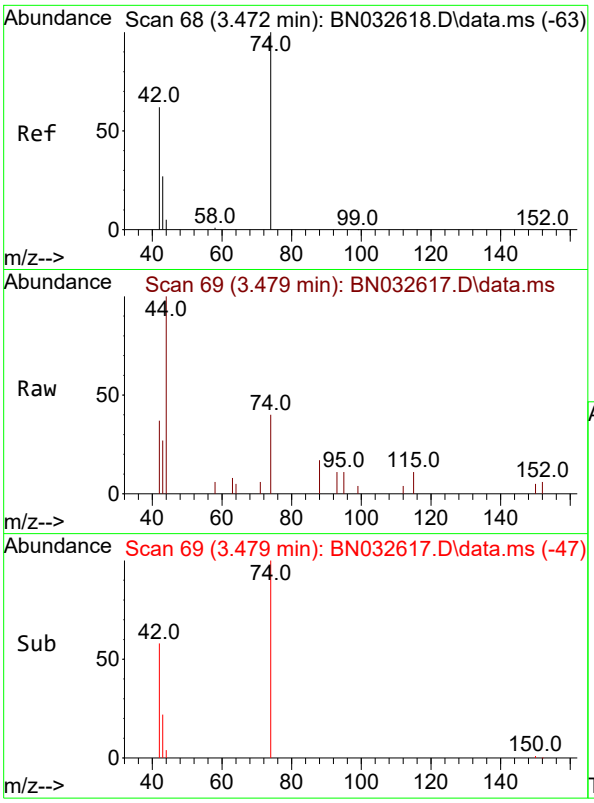


#2
1,4-Dioxane
Concen: 0.199 ng
RT: 3.140 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion: 88 Resp: 1078

Ion	Ratio	Lower	Upper
88	100		
43	28.8	18.4	27.6#
58	61.8	49.2	73.8



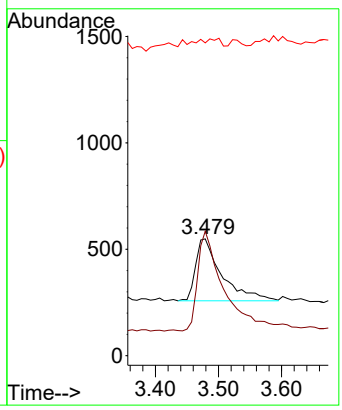


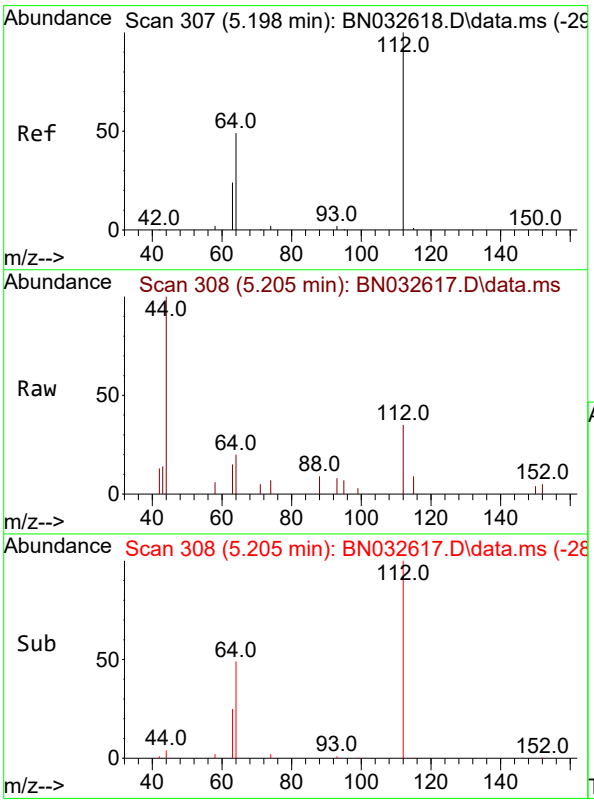
#3
n-Nitrosodimethylamine
Concen: 0.213 ng
RT: 3.479 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 838

Ion	Ratio	Lower	Upper
42	100		
74	159.1	126.9	190.3
44	0.0	4.8	7.2#

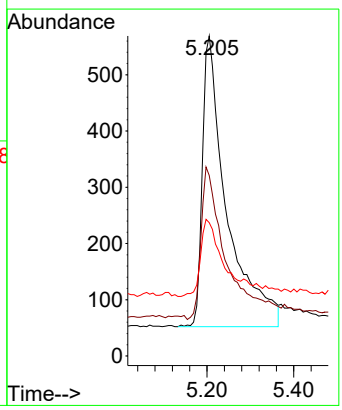


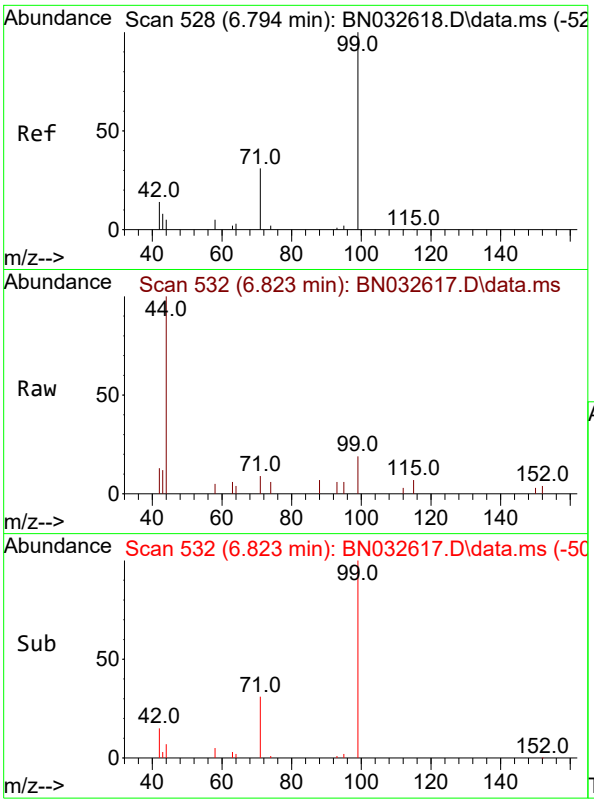


#4
2-Fluorophenol
Concen: 0.194 ng
RT: 5.205 min Scan# 308
Delta R.T. 0.007 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:112 Resp: 2011

Ion	Ratio	Lower	Upper
112	100		
64	54.5	40.2	60.4
63	26.2	22.2	33.4



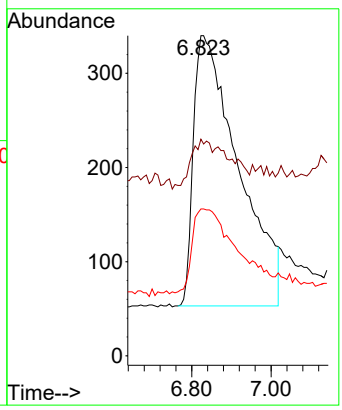


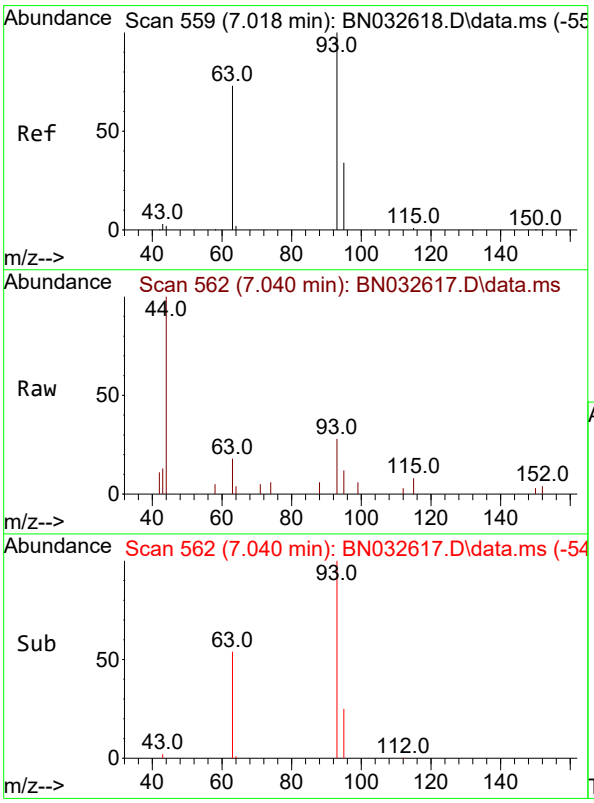
#5
Phenol-d6
Concen: 0.170 ng
RT: 6.823 min Scan# 5
Delta R.T. 0.029 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2262

Ion	Ratio	Lower	Upper
99	100		
42	7.2	10.5	15.7#
71	30.9	22.3	33.5

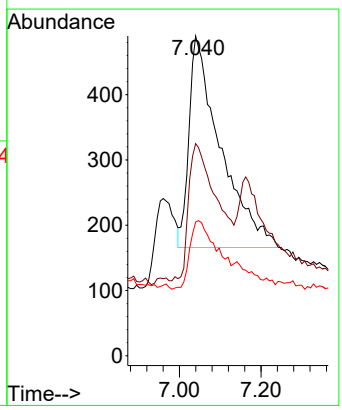


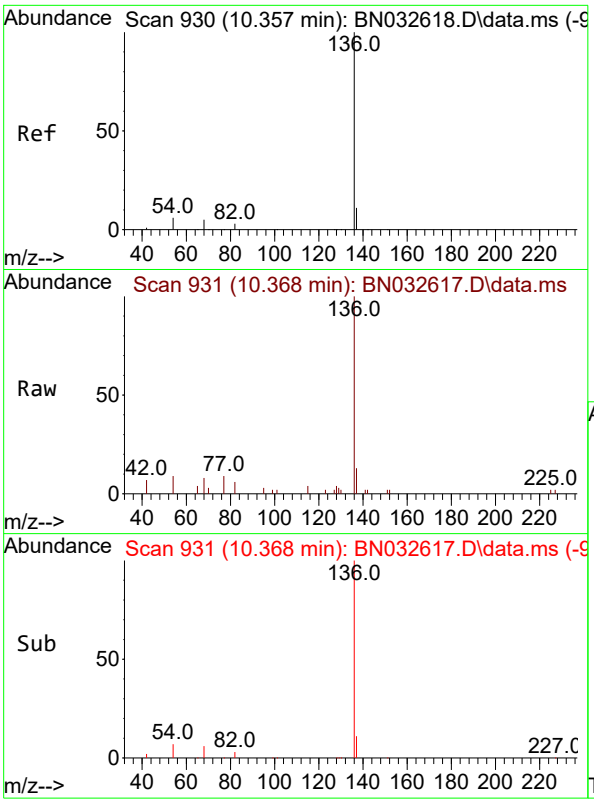


#6
bis(2-Chloroethyl)ether
Concen: 0.190 ng
RT: 7.040 min Scan# 562
Delta R.T. 0.022 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion: 93 Resp: 1728

Ion	Ratio	Lower	Upper
93	100		
63	60.8	46.4	69.6
95	35.8	25.5	38.3



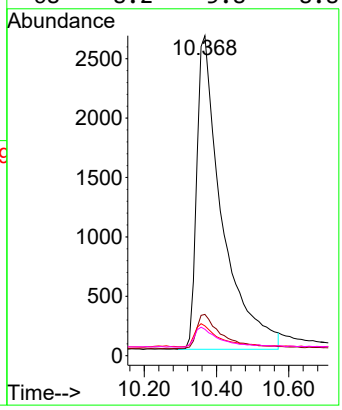


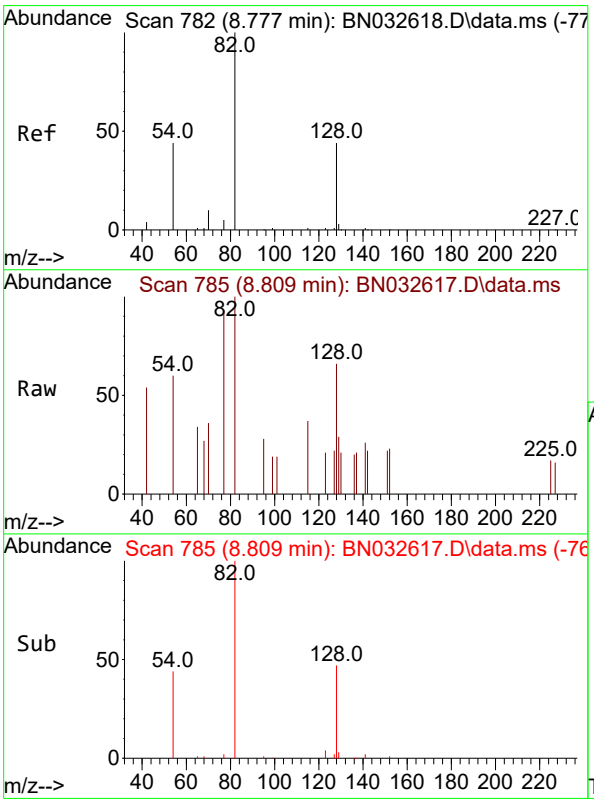
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.368 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 12794

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.9	14.9
54	9.3	6.5	9.7
68	8.2	5.8	8.8

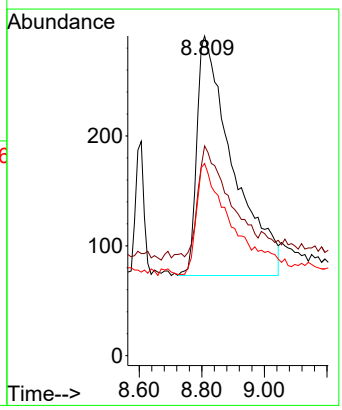


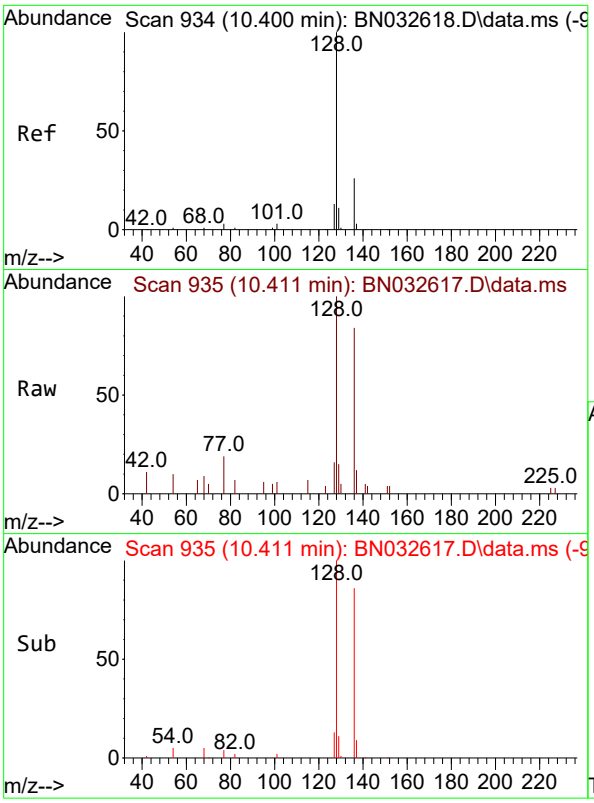


#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 8.809 min Scan# 785
Delta R.T. 0.032 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion: 82 Resp: 1732

Ion	Ratio	Lower	Upper
82	100		
128	65.6	41.7	62.5#
54	60.1	39.5	59.3#



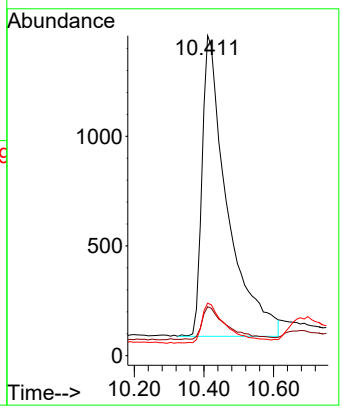


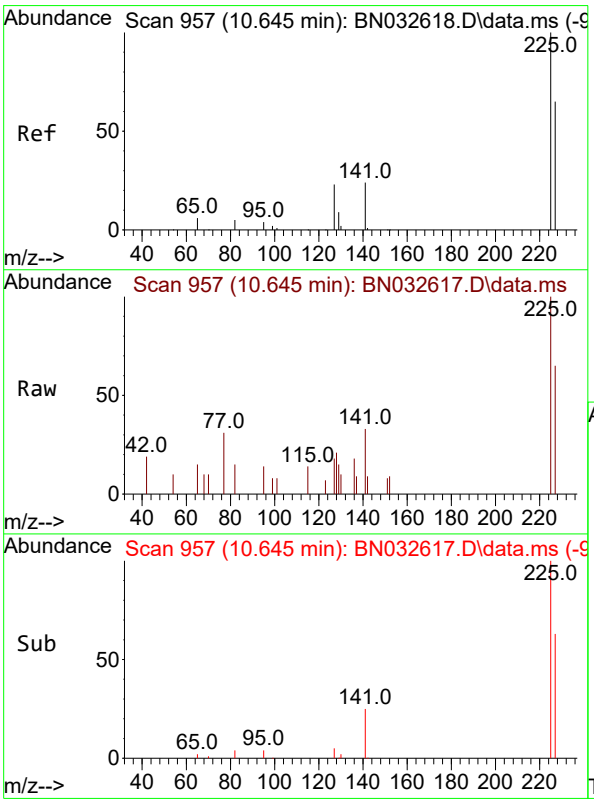
#9
Naphthalene
Concen: 0.197 ng
RT: 10.411 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 6872

Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.8	14.8#
127	16.4	11.5	17.3

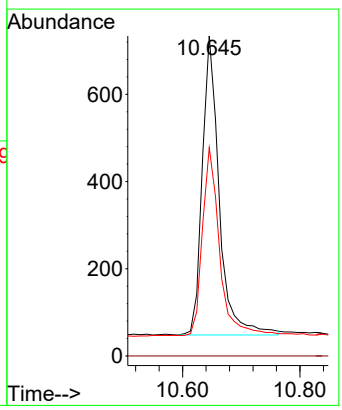


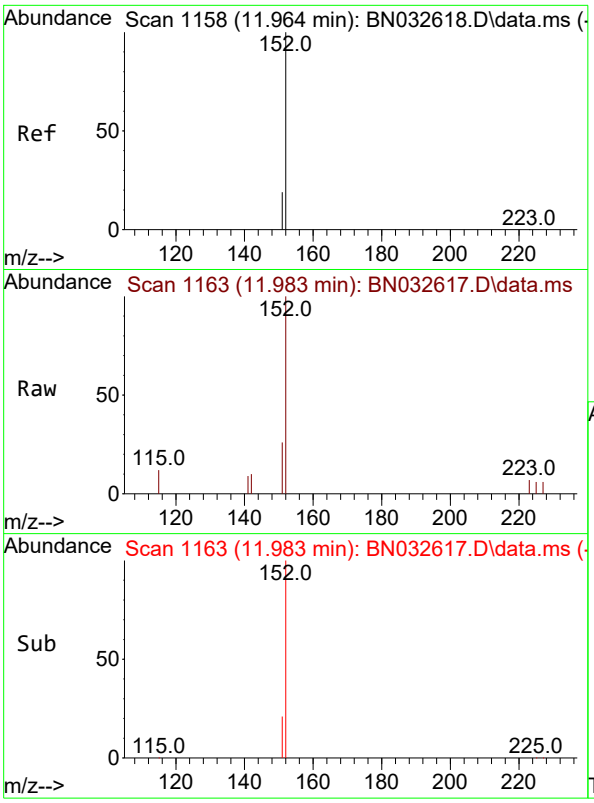


#10
Hexachlorobutadiene
Concen: 0.198 ng
RT: 10.645 min Scan# 957
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:225 Resp: 1379

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



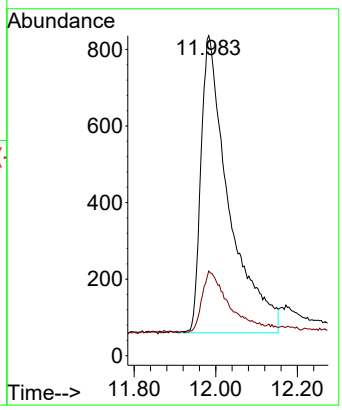


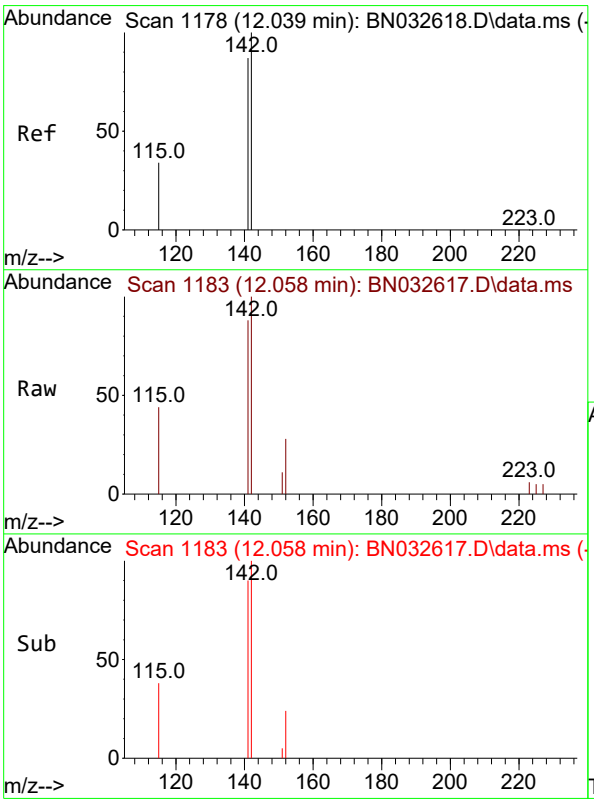
#11
2-Methylnaphthalene-d10
Concen: 0.182 ng
RT: 11.983 min Scan# 11
Delta R.T. 0.019 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3683

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2

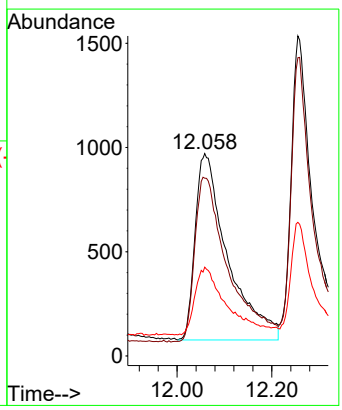


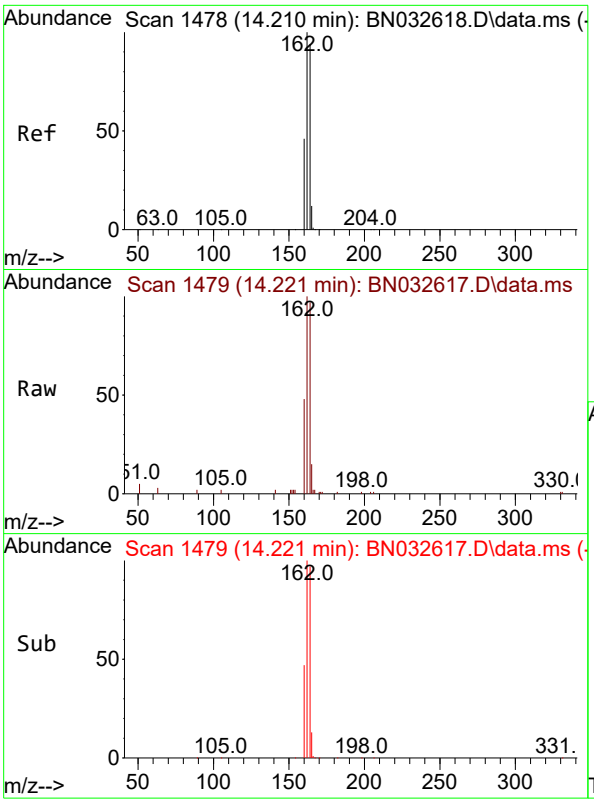


#12
2-Methylnaphthalene
Concen: 0.182 ng
RT: 12.058 min Scan# 1183
Delta R.T. 0.019 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:142 Resp: 4254

Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.3	103.9
115	43.9	29.5	44.3



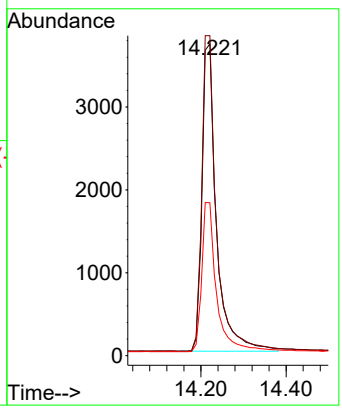


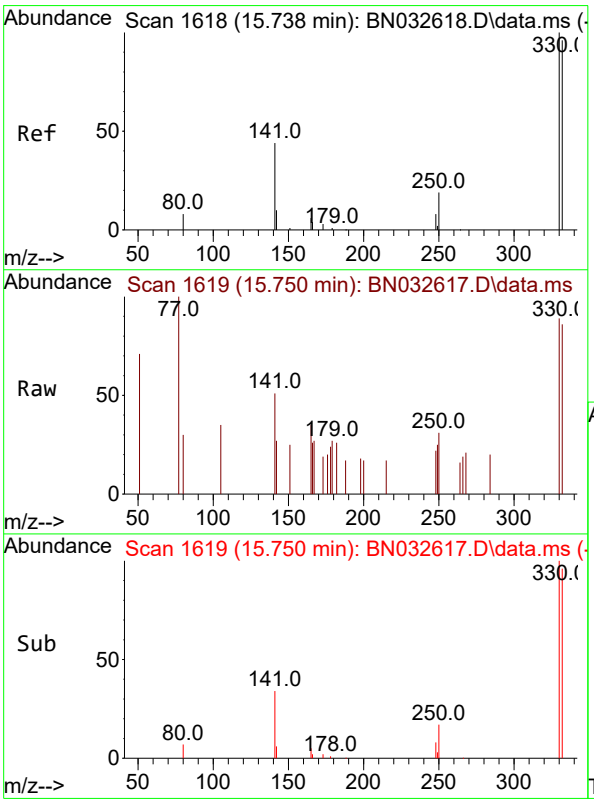
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.221 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 8748

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.0	127.4
160	49.1	39.4	59.2

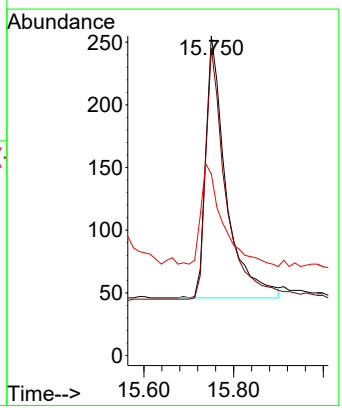


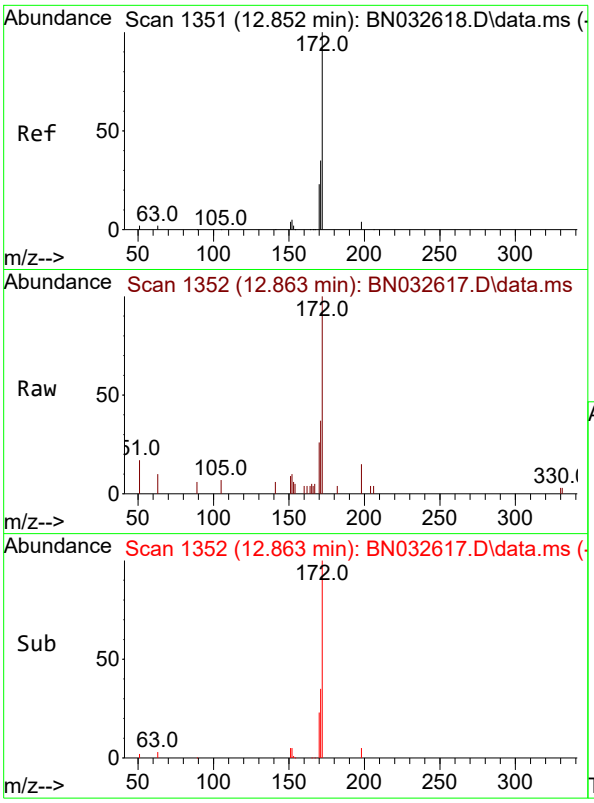


#14
2,4,6-Tribromophenol
Concen: 0.165 ng
RT: 15.750 min Scan# 1619
Delta R.T. 0.012 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:330 Resp: 655

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.8	116.8
141	42.6	34.2	51.2



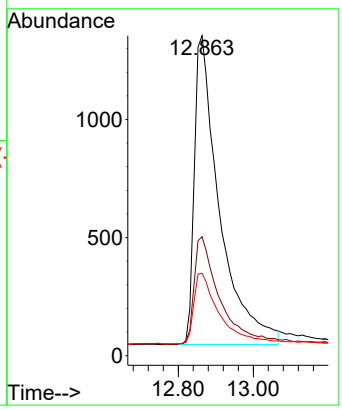


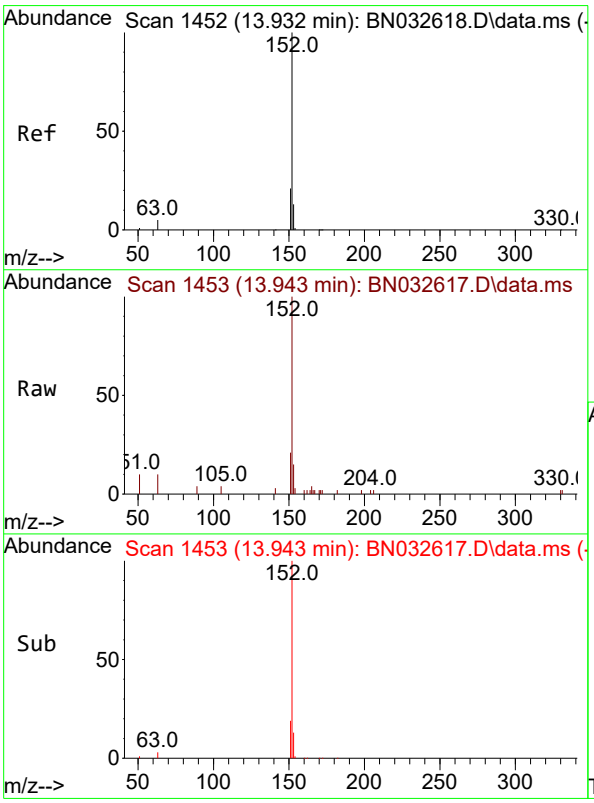
#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6071

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	43.0
170	25.8	19.0	28.6

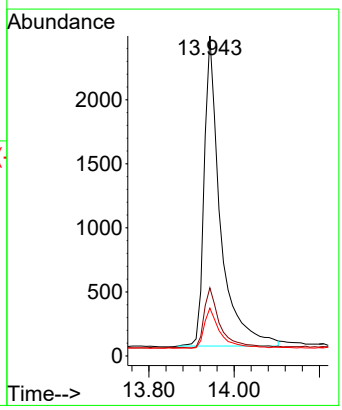


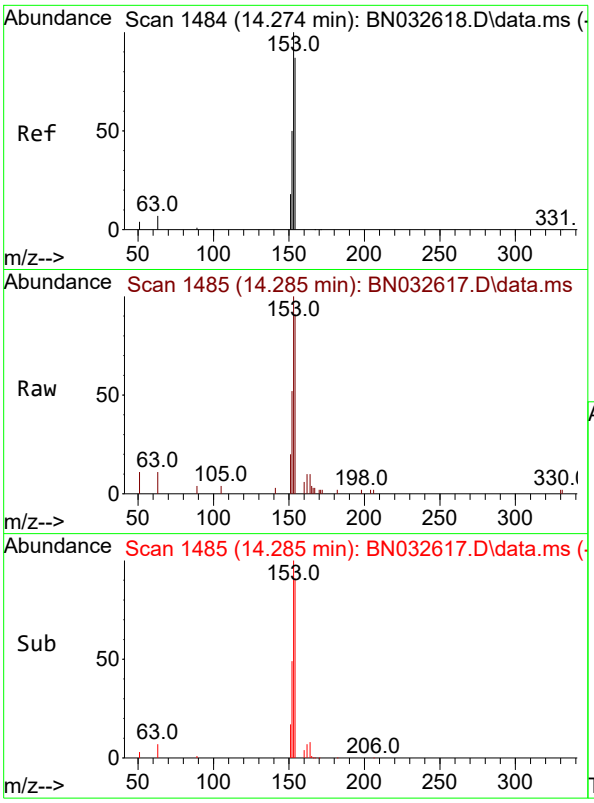


#16
Acenaphthylene
Concen: 0.169 ng
RT: 13.943 min Scan# 1453
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:152 Resp: 6373

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.0	24.0
153	12.6	10.6	15.8



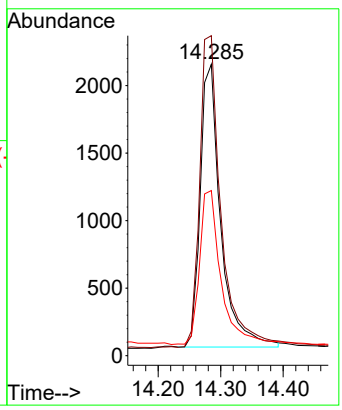


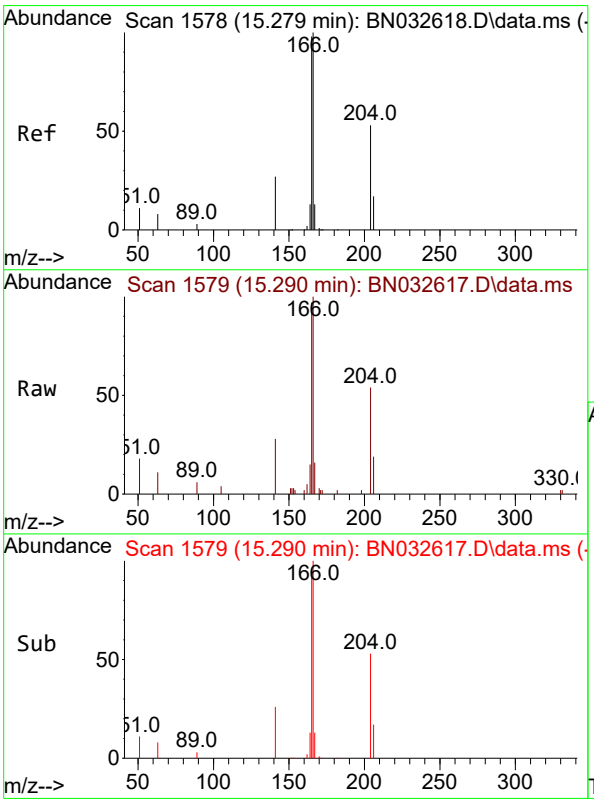
#17
Acenaphthene
Concen: 0.182 ng
RT: 14.285 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4760

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.8	137.8
152	56.8	45.2	67.8

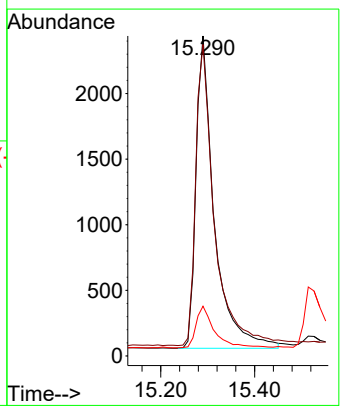


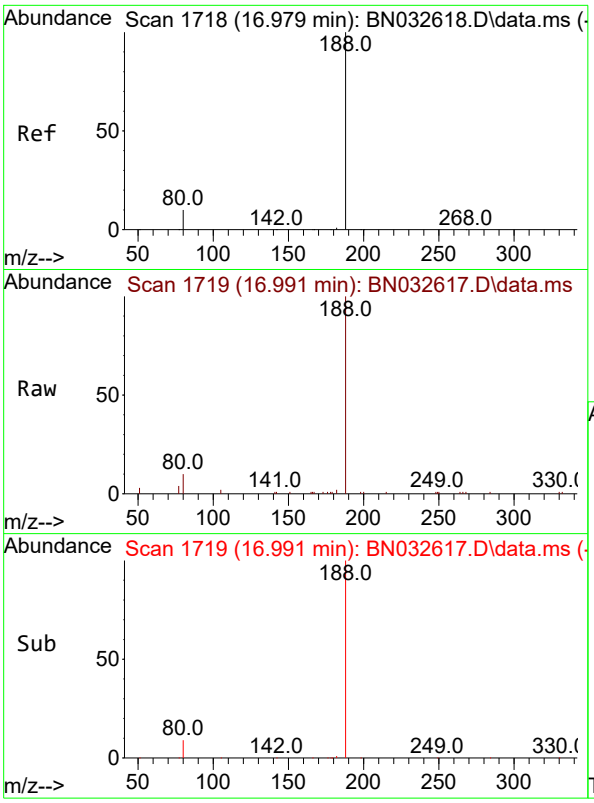


#18
Fluorene
Concen: 0.188 ng
RT: 15.290 min Scan# 1579
Delta R.T. 0.011 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:166 Resp: 6444

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.5	10.7	16.1



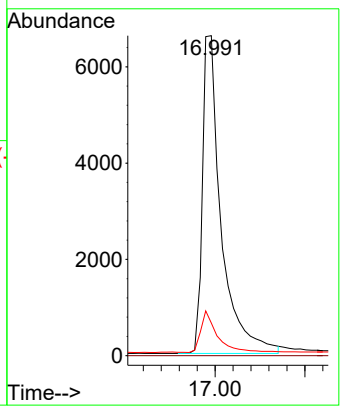


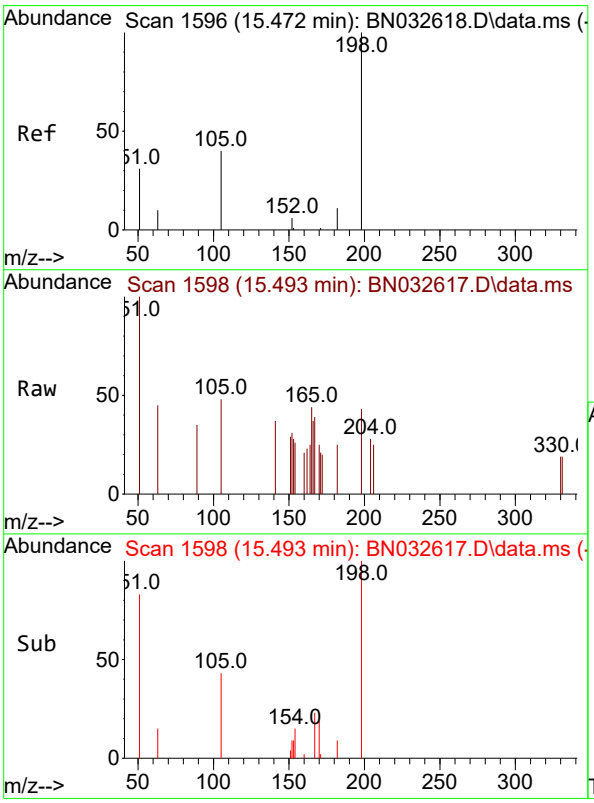
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.991 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 19183

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.8	13.2

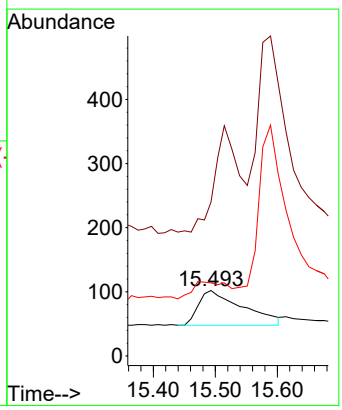


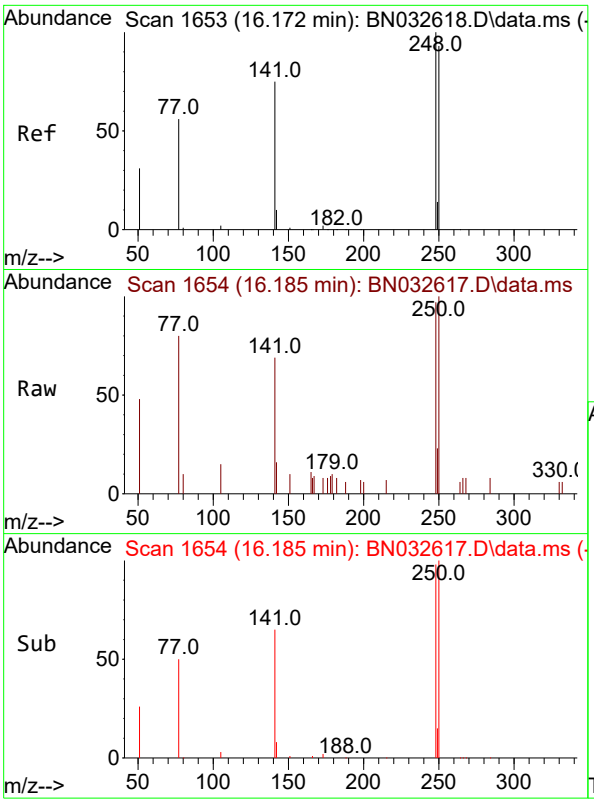


#20
4,6-Dinitro-2-methylphenol
Concen: 0.107 ng
RT: 15.493 min Scan# 1598
Delta R.T. 0.021 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	235.3	105.7	158.5#
105	111.8	63.0	94.6#



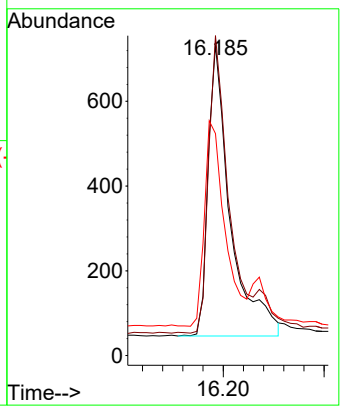


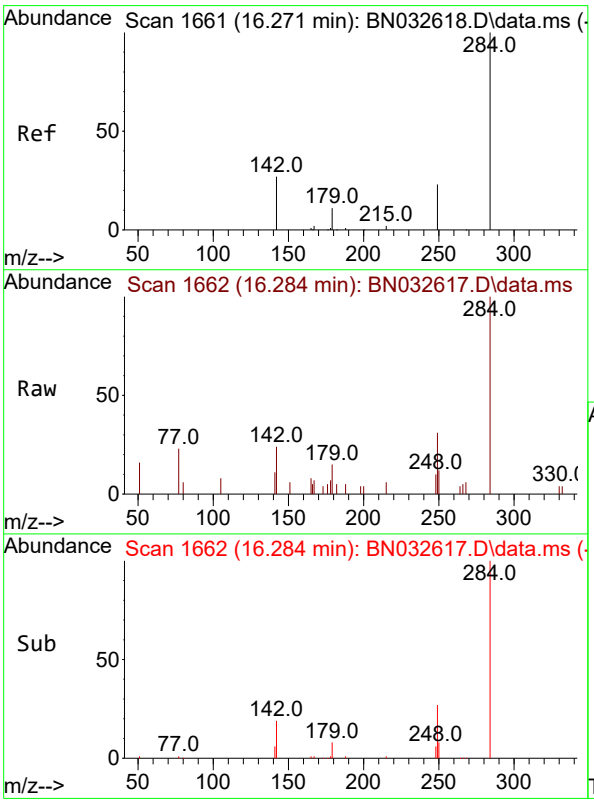
#21
4-Bromophenyl-phenylether
Concen: 0.184 ng
RT: 16.185 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2098

Ion	Ratio	Lower	Upper
248	100		
250	103.0	75.1	112.7
141	71.5	62.0	93.0

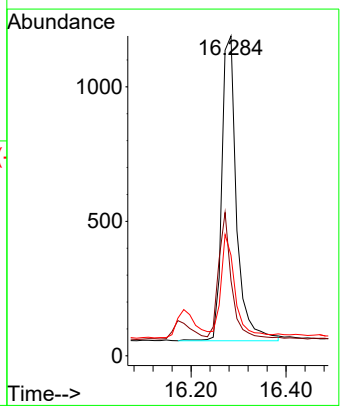


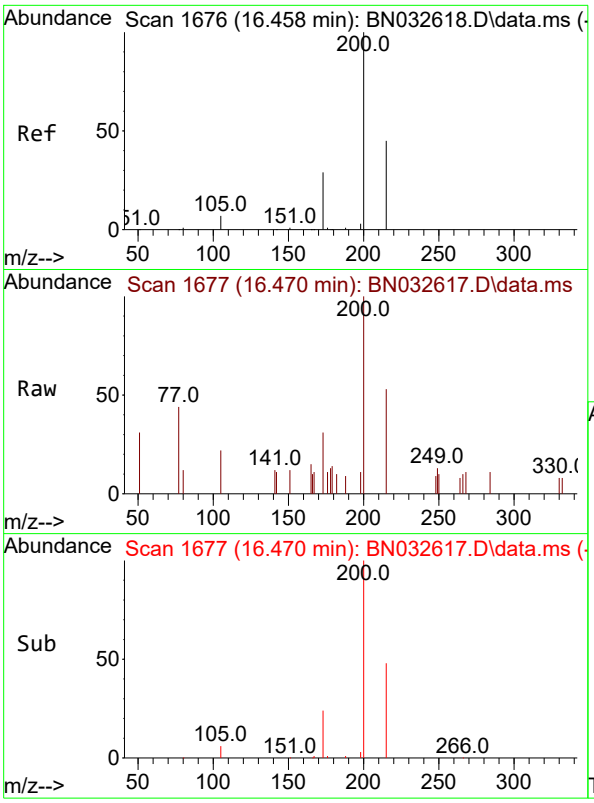


#22
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.284 min Scan# 1662
Delta R.T. 0.013 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:284 Resp: 2435

Ion	Ratio	Lower	Upper
284	100		
142	34.8	29.4	44.0
249	29.4	24.6	36.8



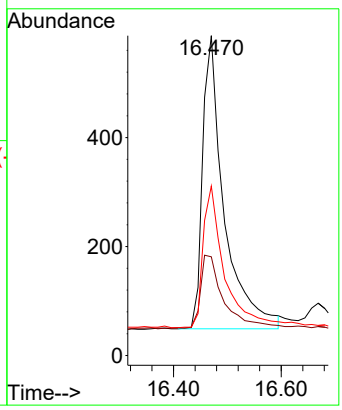


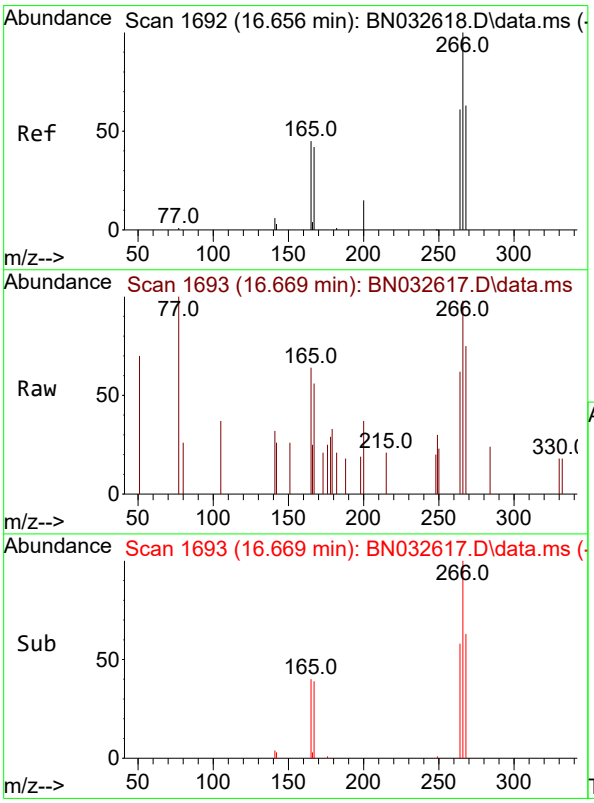
#23
Atrazine
Concen: 0.168 ng
RT: 16.470 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1492

Ion	Ratio	Lower	Upper
200	100		
173	30.8	25.4	38.2
215	53.0	38.2	57.2

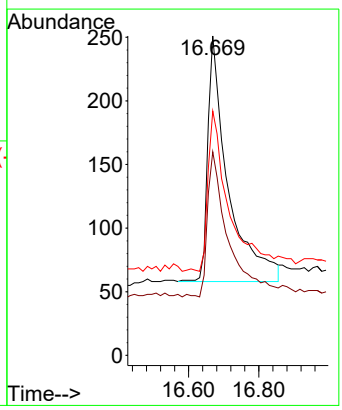


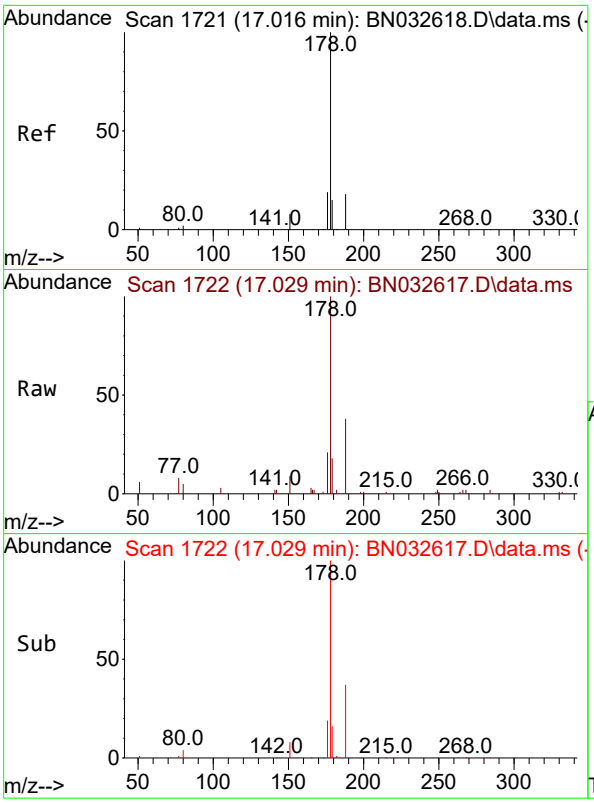


#24
Pentachlorophenol
Concen: 0.184 ng
RT: 16.669 min Scan# 1693
Delta R.T. 0.013 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:266 Resp: 772

Ion	Ratio	Lower	Upper
266	100		
264	59.5	50.2	75.2
268	68.0	52.8	79.2



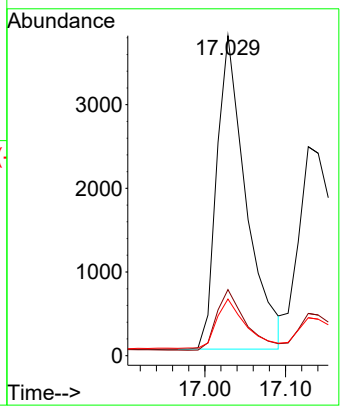


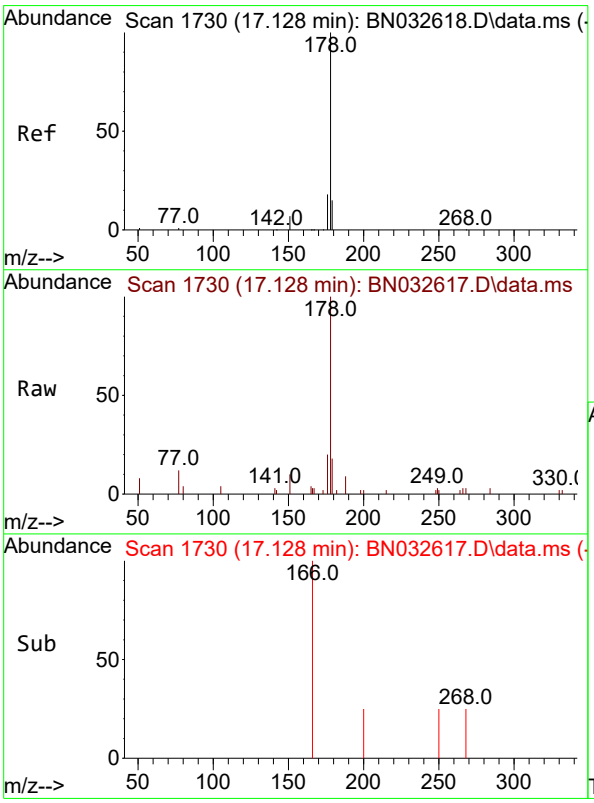
#25
Phenanthrene
Concen: 0.182 ng
RT: 17.029 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 9461

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.7	12.2	18.4

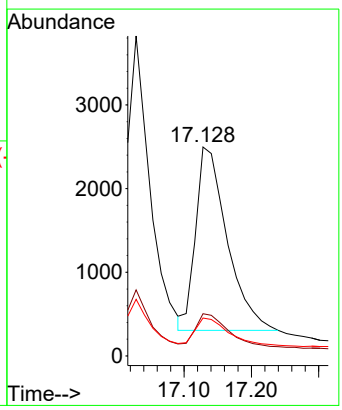


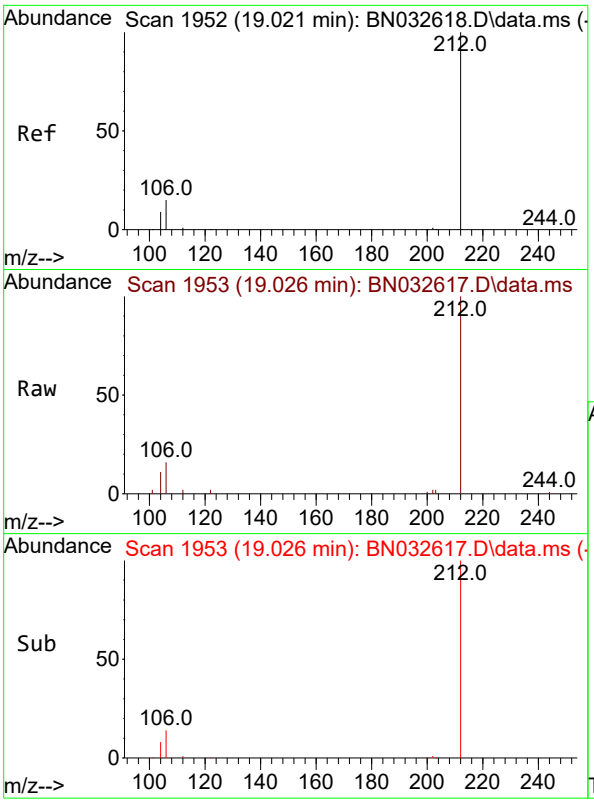


#26
Anthracene
Concen: 0.170 ng
RT: 17.128 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:178 Resp: 7118

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	15.2	11.8	17.8



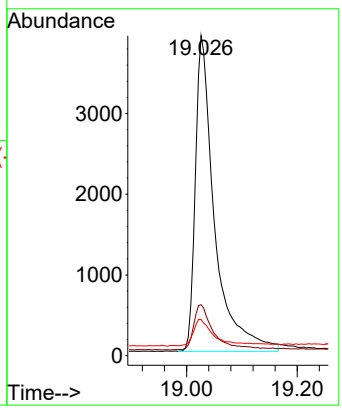


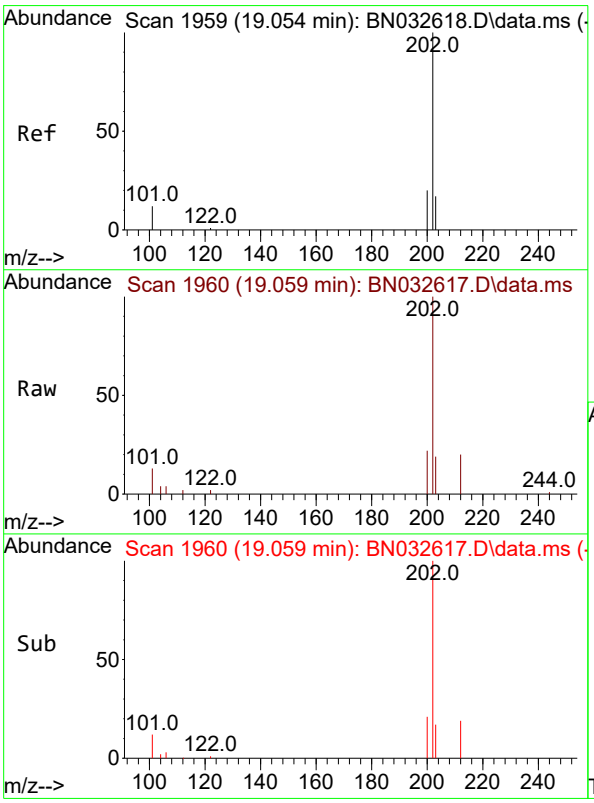
#27
Fluoranthene-d10
Concen: 0.189 ng
RT: 19.026 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 9463

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.9	17.9
104	9.2	6.9	10.3

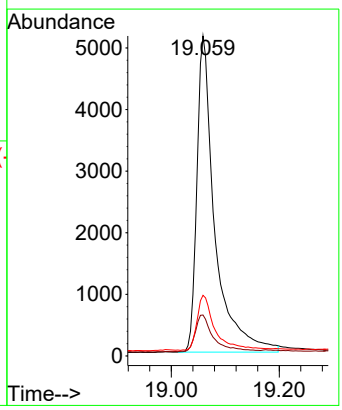


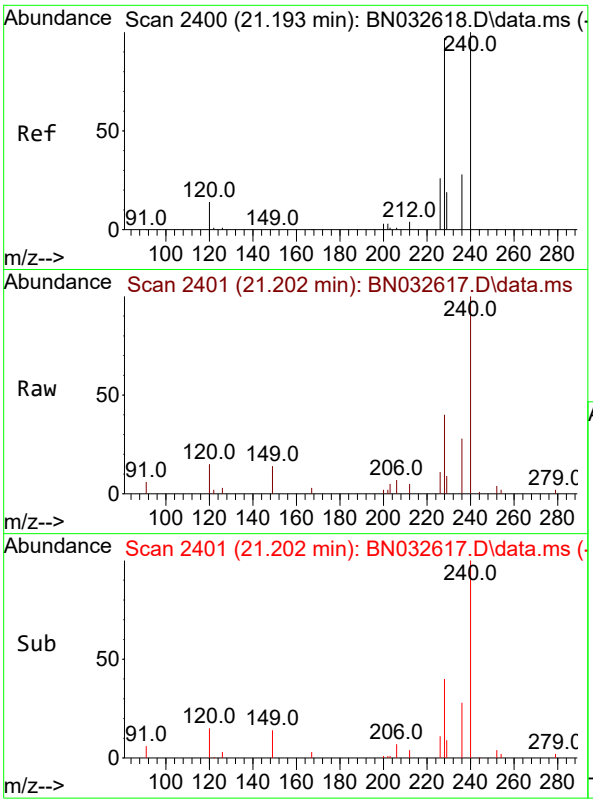


#28
Fluoranthene
Concen: 0.188 ng
RT: 19.059 min Scan# 1960
Delta R.T. 0.005 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:202 Resp: 11847

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
203	17.5	13.8	20.6



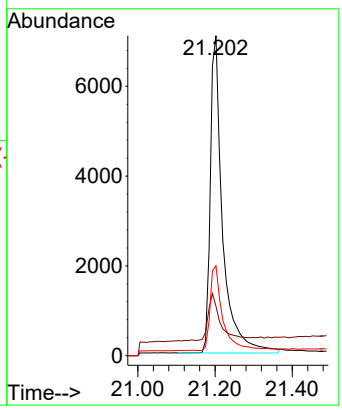


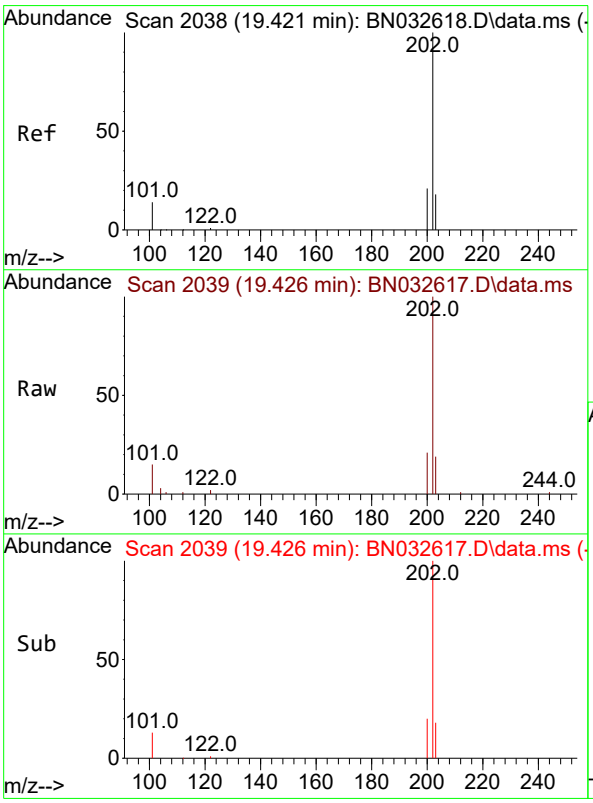
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 15620

Ion	Ratio	Lower	Upper
240	100		
120	15.4	14.8	22.2
236	28.1	23.3	34.9

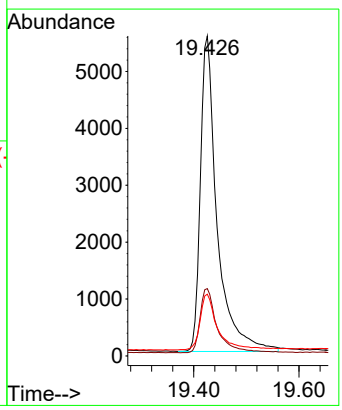


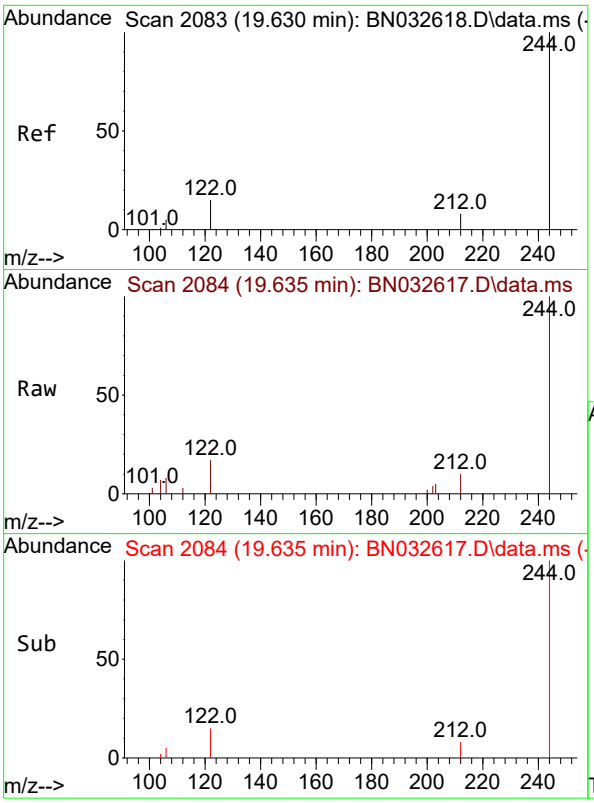


#30
Pyrene
Concen: 0.193 ng
RT: 19.426 min Scan# 2039
Delta R.T. 0.005 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:202 Resp: 12255

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	18.6	14.8	22.2



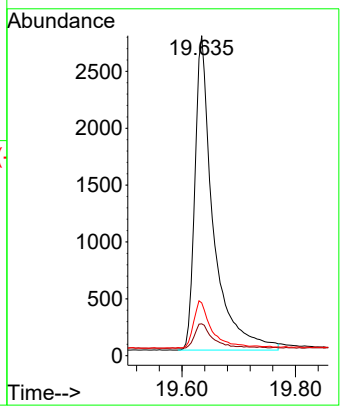


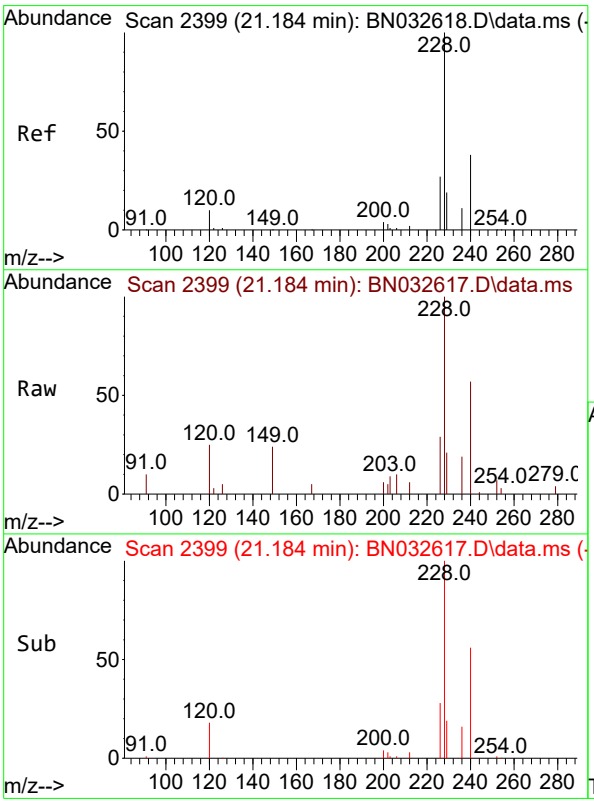
#31
Terphenyl-d14
Concen: 0.163 ng
RT: 19.635 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6201

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.5	11.3
122	16.5	12.6	19.0

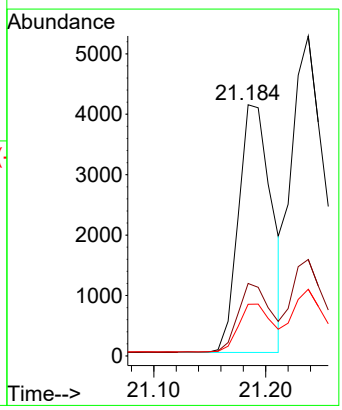


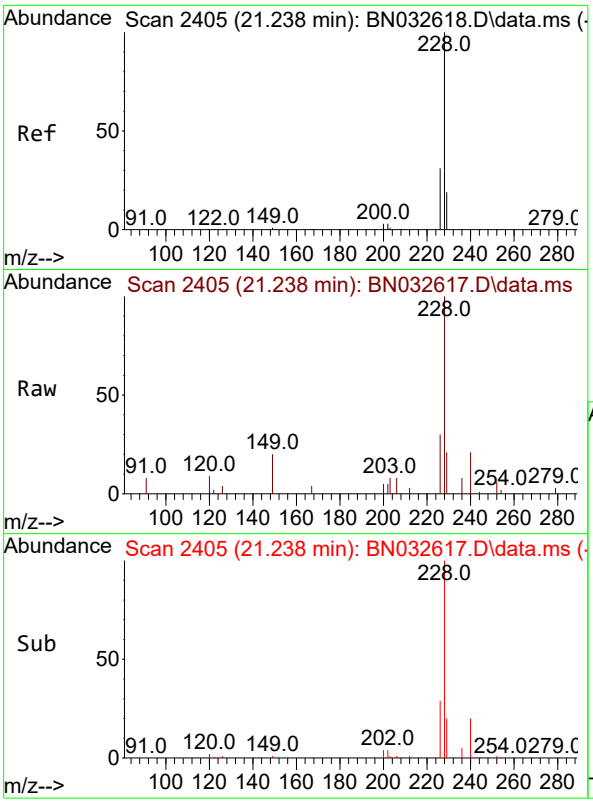


#32
Benzo(a)anthracene
Concen: 0.163 ng
RT: 21.184 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:228 Resp: 8415

Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.8	32.6
229	20.6	16.0	24.0



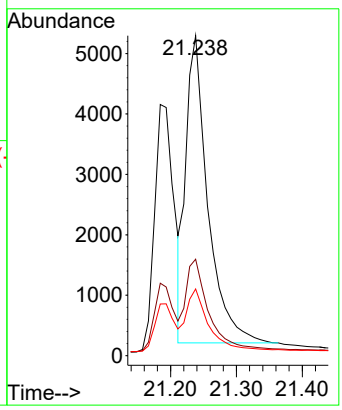


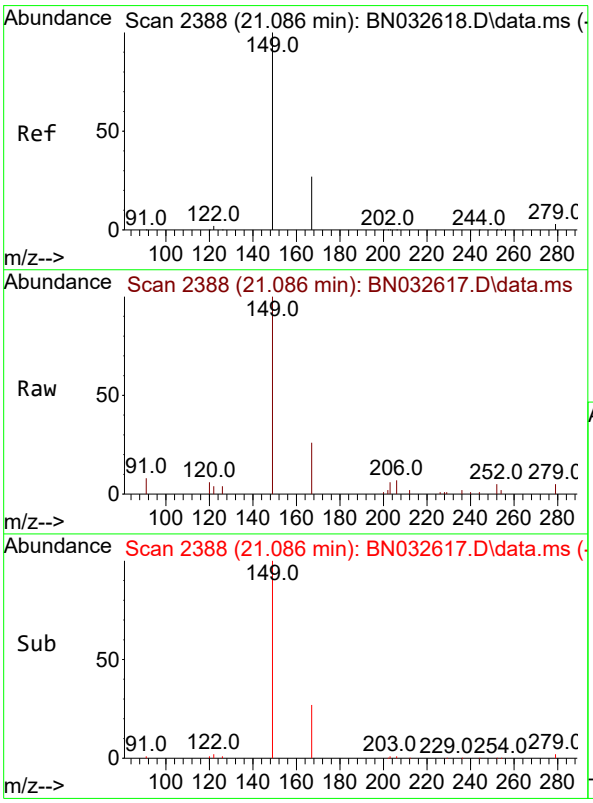
#33
Chrysene
Concen: 0.192 ng
RT: 21.238 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 11768

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	20.8	16.0	24.0

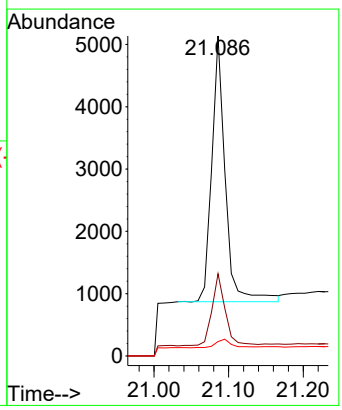


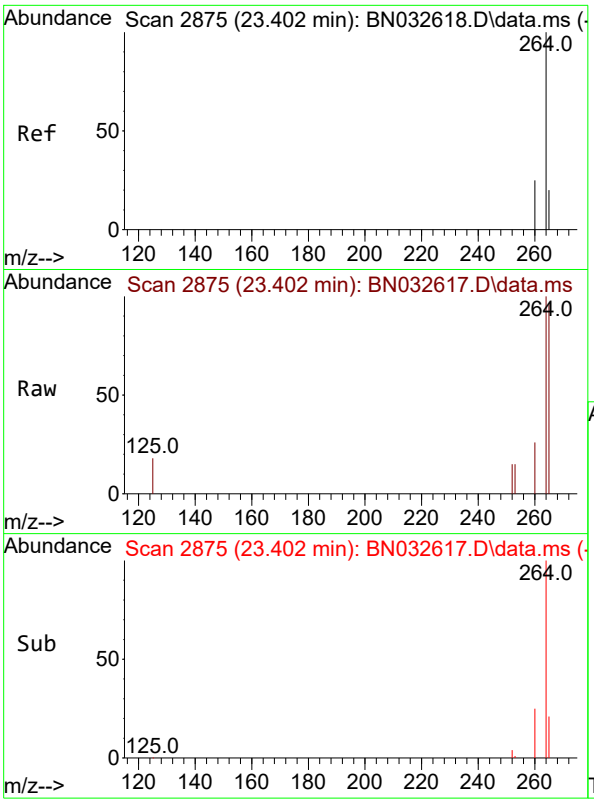


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.152 ng
RT: 21.086 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:149 Resp: 5344

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.2
279	3.8	2.8	4.2



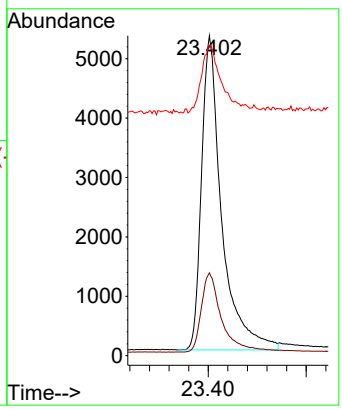


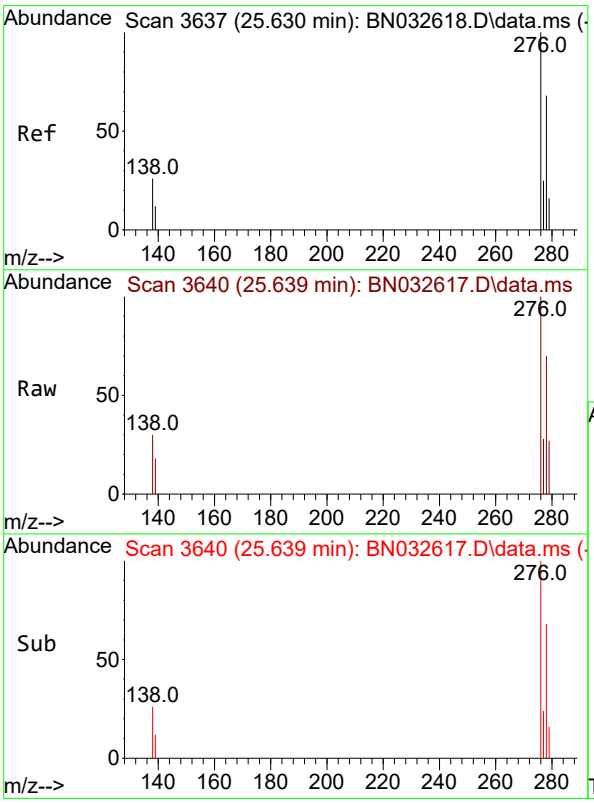
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.402 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 15078

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.9	31.3
265	96.4	85.4	128.2

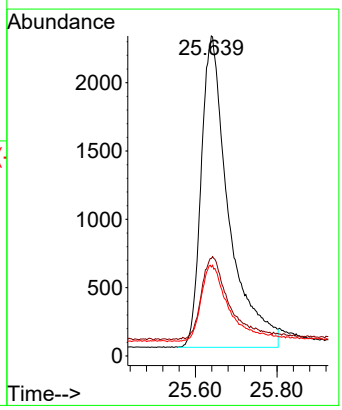


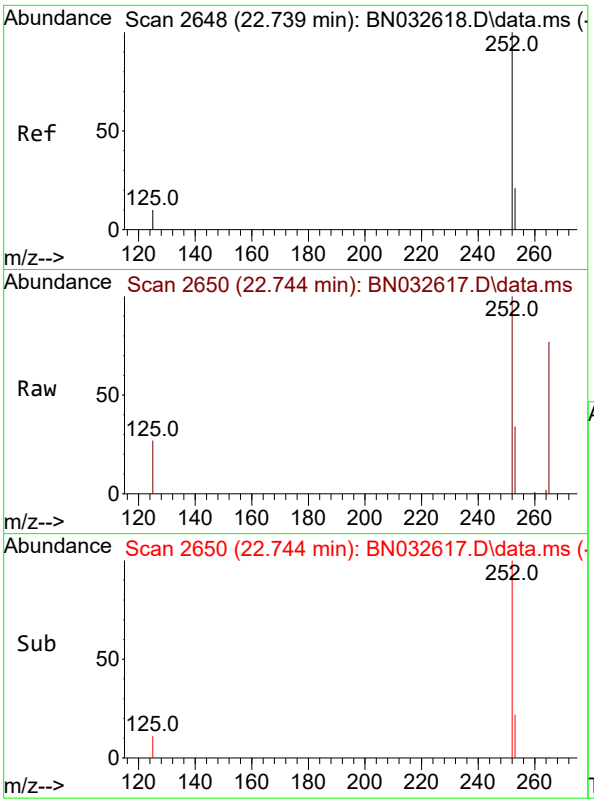


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng
RT: 25.639 min Scan# 3640
Delta R.T. 0.009 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:276 Resp: 10630

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.0	31.4
277	24.0	19.5	29.3



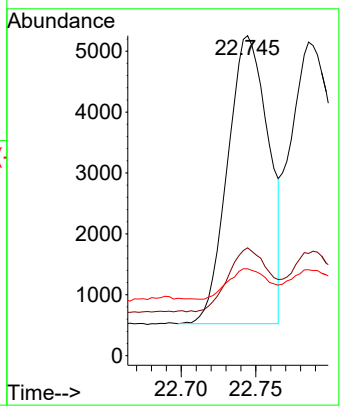


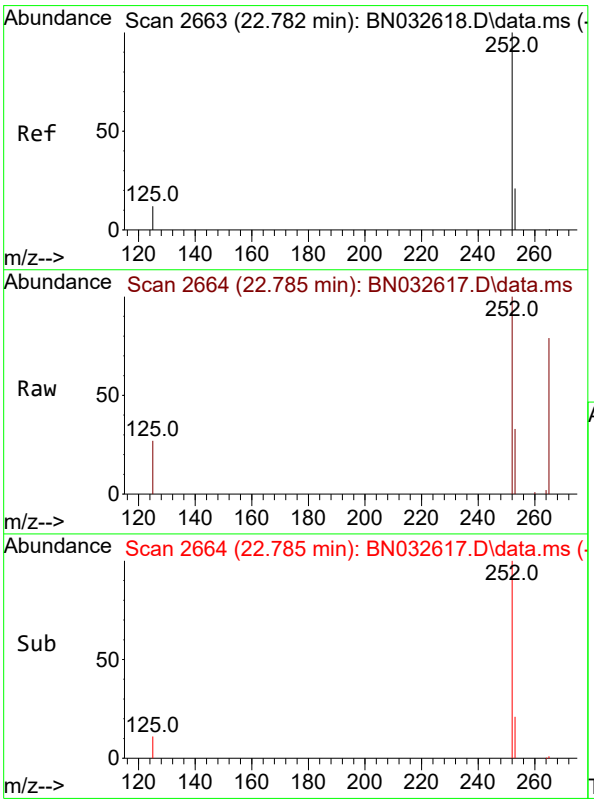
#37
Benzo(b)fluoranthene
Concen: 0.179 ng
RT: 22.744 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 9009

Ion	Ratio	Lower	Upper
252	100		
253	33.7	22.3	33.5#
125	27.2	15.4	23.2#

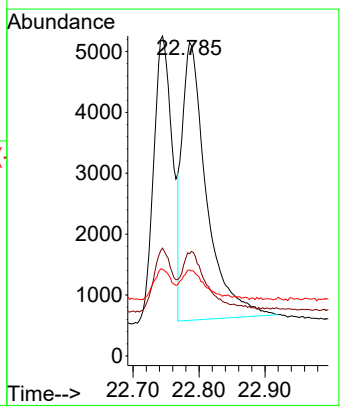


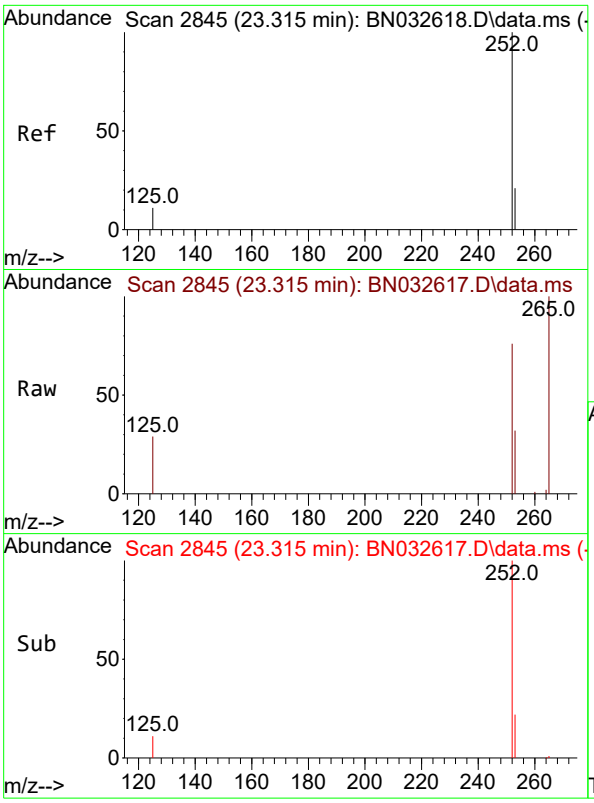


#38
Benzo(k)fluoranthene
Concen: 0.202 ng
RT: 22.785 min Scan# 2664
Delta R.T. 0.003 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:252 Resp: 11694

Ion	Ratio	Lower	Upper
252	100		
253	32.6	22.6	34.0
125	27.4	16.2	24.4#



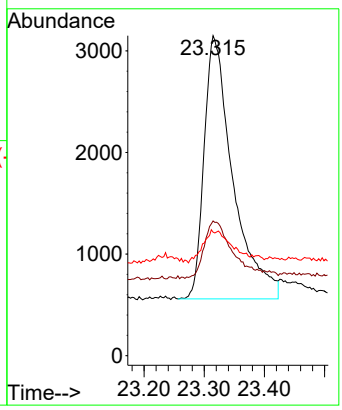


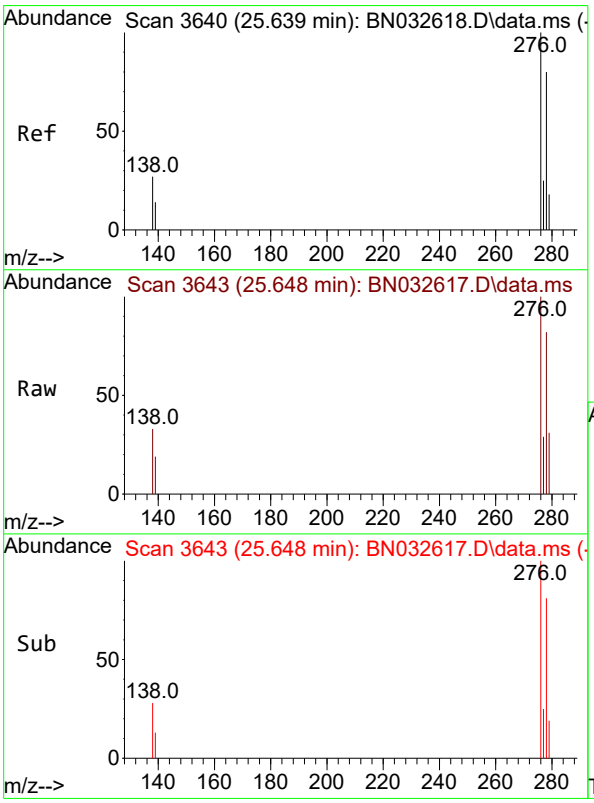
#39
Benzo(a)pyrene
Concen: 0.181 ng
RT: 23.315 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 8607

Ion	Ratio	Lower	Upper
252	100		
253	42.1	25.8	38.8#
125	38.6	21.4	32.2#

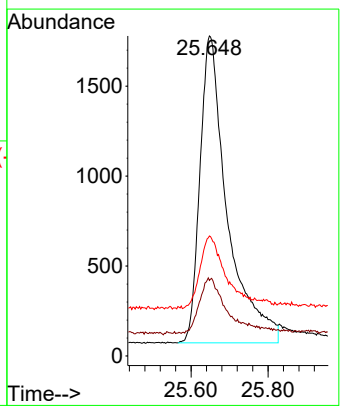


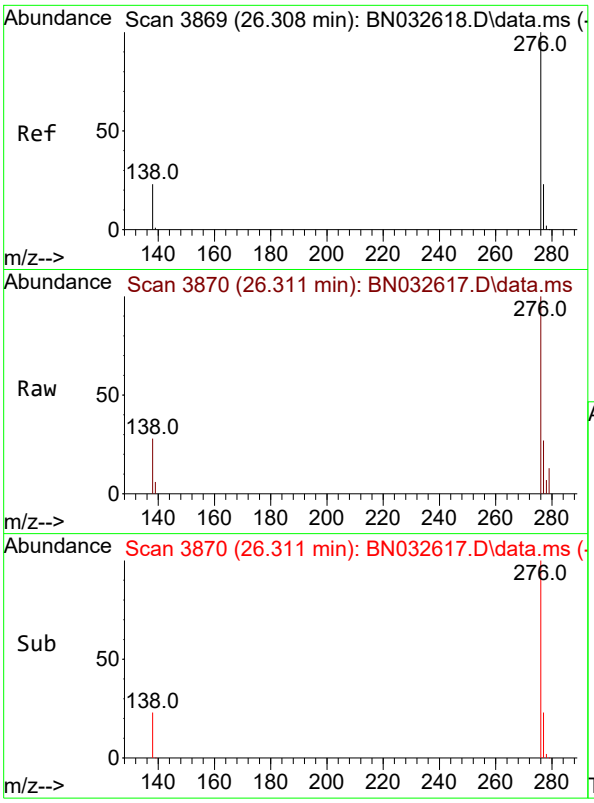


#40
Dibenzo(a,h)anthracene
Concen: 0.184 ng
RT: 25.648 min Scan# 3643
Delta R.T. 0.009 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Tgt Ion:278 Resp: 8413

Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.7	25.1
279	37.5	24.3	36.5#





#41
Benzo(g,h,i)perylene
Concen: 0.195 ng
RT: 26.311 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN032617.D
Acq: 10 Jul 2024 16:30

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 9713

Ion	Ratio	Lower	Upper
276	100		
277	27.2	20.2	30.2
138	27.8	20.5	30.7