Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080724\
Data File : BN033290.D
Acq On : 07 Aug 2024 20:00
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 08 04:31:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:24:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	4772	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	13956	0.400	ng		0.00
13) Acenaphthene-d10	14.222	164	9277	0.400	ng		0.00
19) Phenanthrene-d10	16.969	188	20862	0.400	ng		0.00
29) Chrysene-d12	21.178	240	19870	0.400	ng		0.00
35) Perylene-d12	23.367	264	23171	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	2557	0.188	ng		0.00
5) Phenol-d6	6.758	99	3399	0.191	ng		0.00
8) Nitrobenzene-d5	8.717	82	1609	0.139	ng		0.00
11) 2-Methylnaphthalene-d10	11.954	152	4234	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	730	0.164	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	6612	0.188	ng		0.00
27) Fluoranthene-d10	19.010	212	11076	0.195	ng		0.00
31) Terphenyl-d14	19.633	244	6817	0.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	1099	0.188	ng		95
3) n-Nitrosodimethylamine	3.494	42	1329	0.239	ng	#	93
6) bis(2-Chloroethyl)ether	7.026	93	2843	0.186	ng		99
9) Naphthalene	10.404	128	7632	0.203	ng		95
10) Hexachlorobutadiene	10.703	225	1421	0.216	ng	#	98
12) 2-Methylnaphthalene	12.025	142	5250	0.204	ng	#	95
16) Acenaphthylene	13.933	152	8488	0.198	ng		99
17) Acenaphthene	14.286	154	5385	0.196	ng		100
18) Fluorene	15.280	166	7320	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	251	0.070	ng	#	14
21) 4-Bromophenyl-phenylether	16.175	248	2463	0.208	ng		95
22) Hexachlorobenzene	16.287	284	2543	0.207	ng		99
23) Atrazine	16.460	200	2007	0.185	ng		94
24) Pentachlorophenol	16.622	266	821	0.135	ng		97
25) Phenanthrene	17.007	178	11597	0.200	ng		99
26) Anthracene	17.106	178	11220	0.209	ng		100
28) Fluoranthene	19.043	202	14522	0.207	ng		100
30) Pyrene	19.405	202	15275	0.193	ng		100
32) Benzo(a)anthracene	21.160	228	14819	0.198	ng		100
33) Chrysene	21.214	228	14588	0.206	ng		99
34) Bis(2-ethylhexyl)phtha...	21.151	149	7939	0.155	ng		99
36) Indeno(1,2,3-cd)pyrene	25.548	276	18661	0.216	ng		100
37) Benzo(b)fluoranthene	22.715	252	16302	0.193	ng		96
38) Benzo(k)fluoranthene	22.762	252	16033	0.201	ng		97
39) Benzo(a)pyrene	23.270	252	14433	0.198	ng		96
40) Dibenzo(a,h)anthracene	25.574	278	14703	0.216	ng		96
41) Benzo(g,h,i)perylene	26.203	276	16242	0.222	ng		96

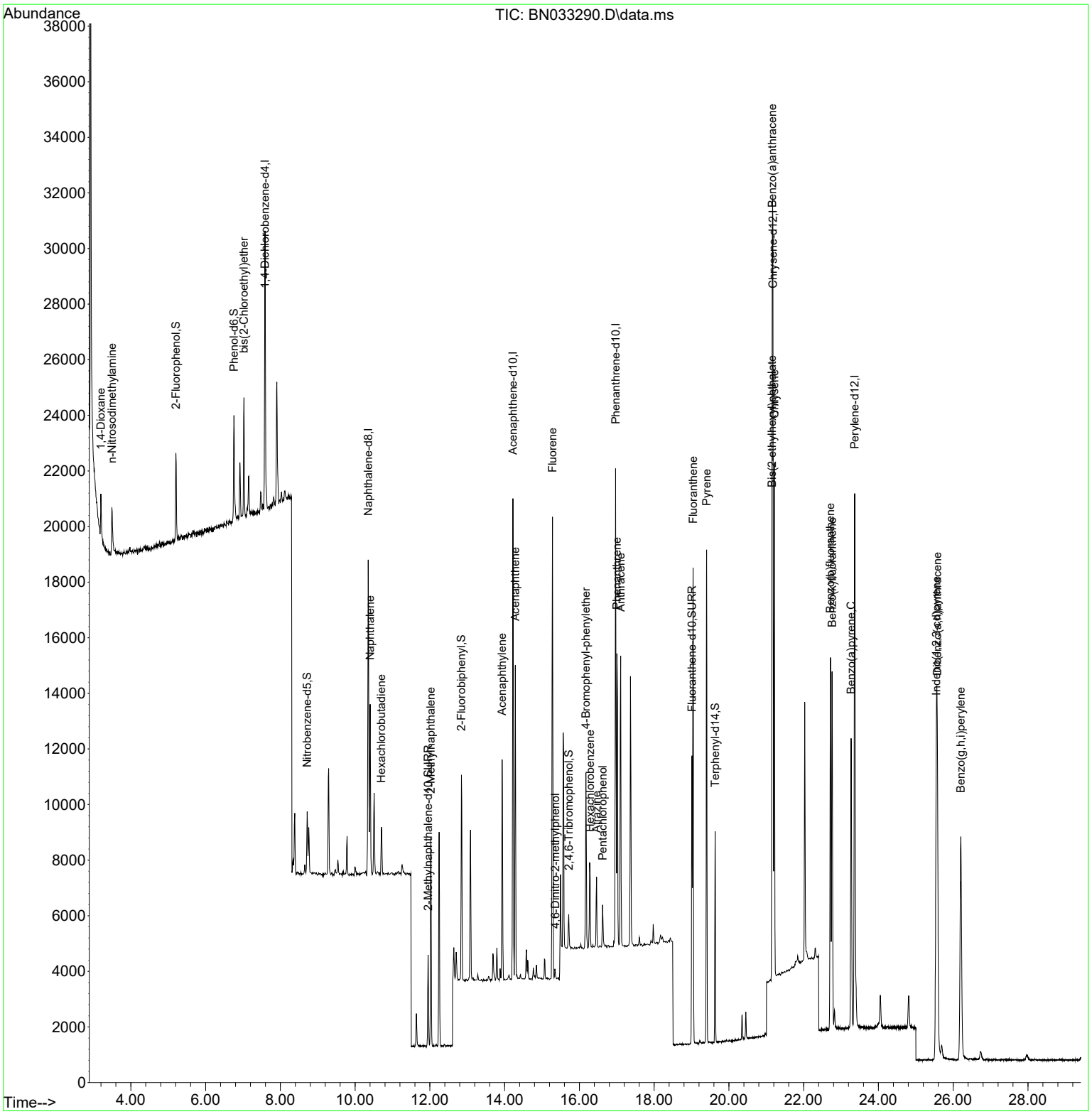
(#) = qualifier out of range (m) = manual integration (+) = signals summed

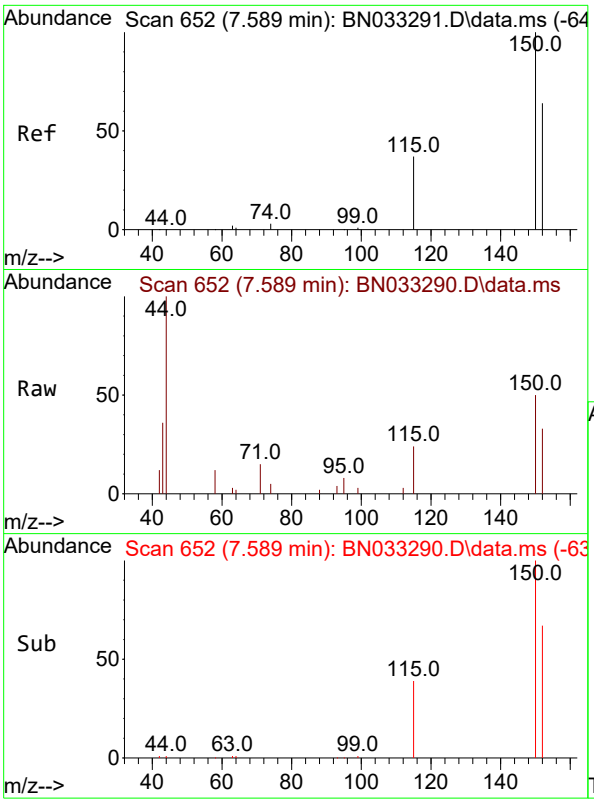
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080724\
Data File : BN033290.D
Acq On : 07 Aug 2024 20:00
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 08 04:31:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:24:54 2024
Response via : Initial Calibration



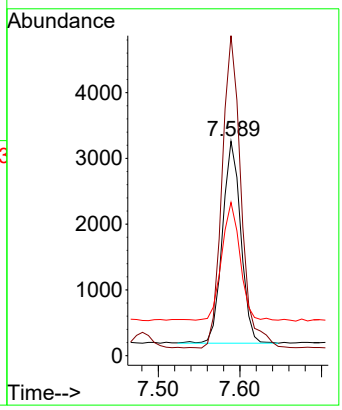


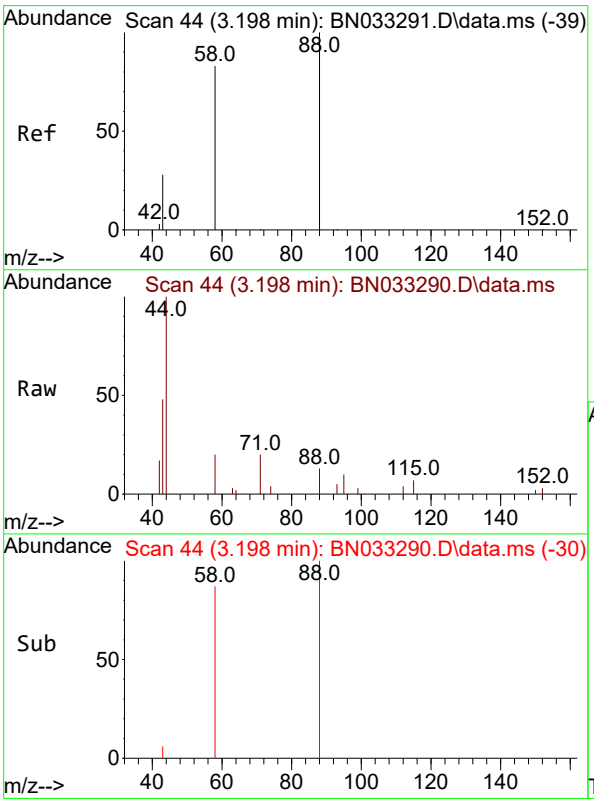
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4772

Ion	Ratio	Lower	Upper
152	100		
150	149.3	120.7	181.1
115	71.5	55.8	83.8

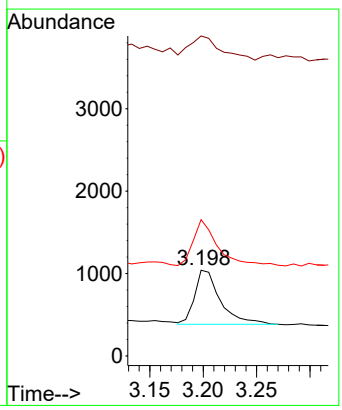


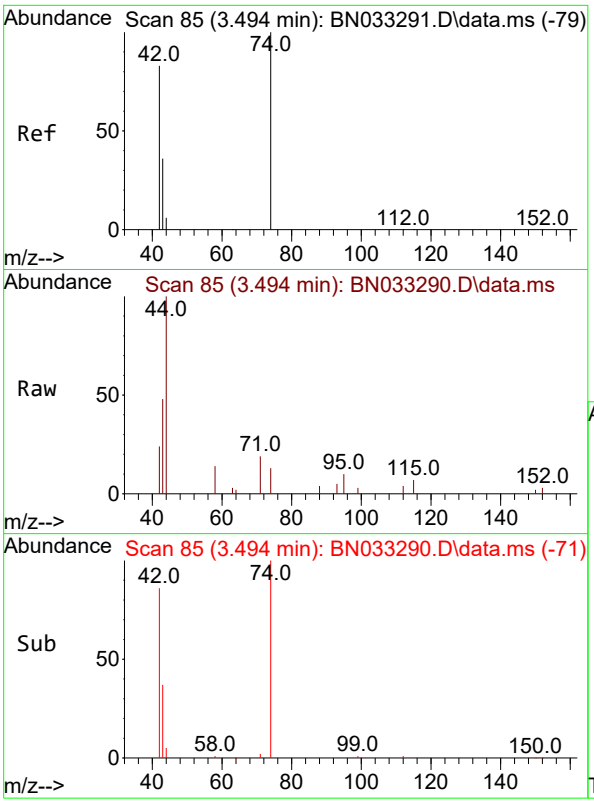


#2
1,4-Dioxane
Concen: 0.188 ng
RT: 3.198 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion: 88 Resp: 1099

Ion	Ratio	Lower	Upper
88	100		
43	53.7	37.0	55.6
58	80.1	65.1	97.7



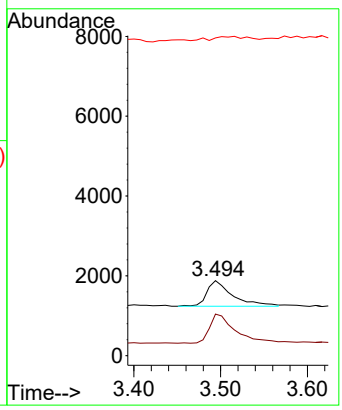


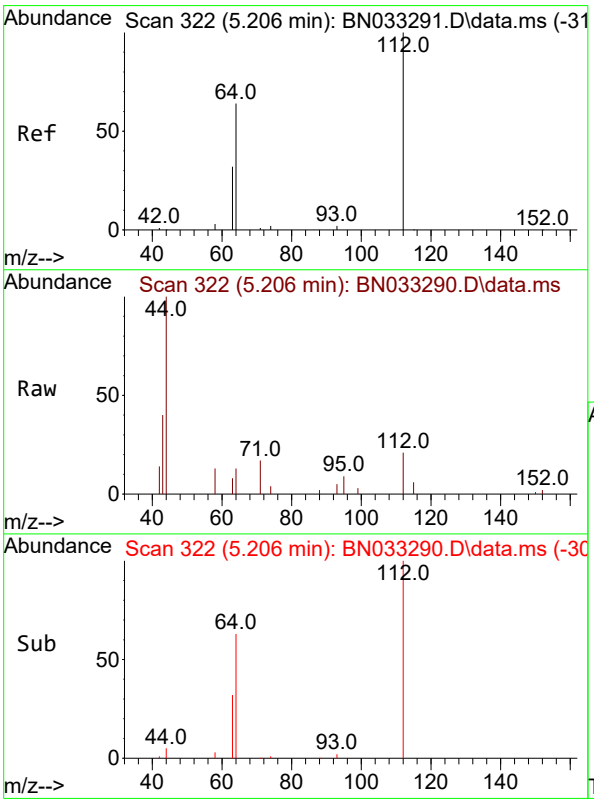
#3
n-Nitrosodimethylamine
Concen: 0.239 ng
RT: 3.494 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1329

Ion	Ratio	Lower	Upper
42	100		
74	112.6	94.9	142.3
44	0.0	7.0	10.4#

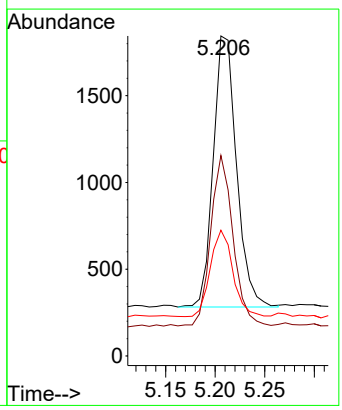


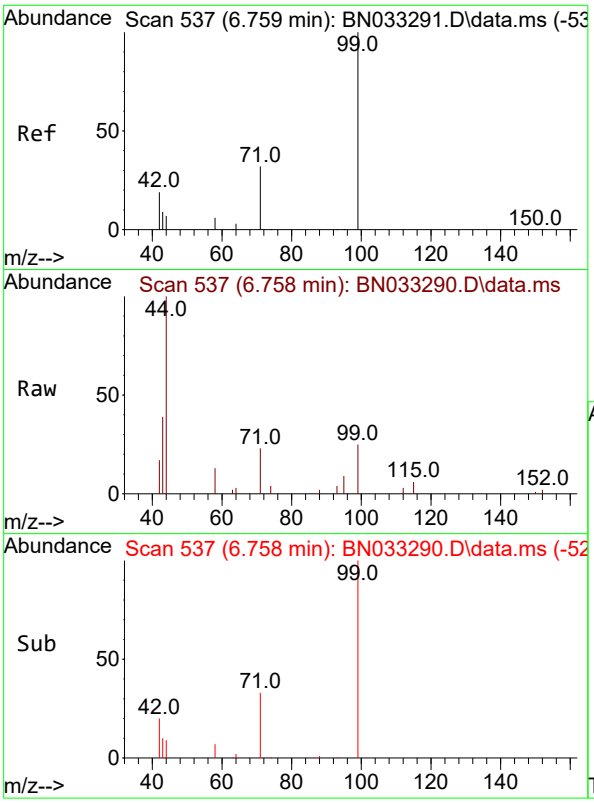


#4
2-Fluorophenol
Concen: 0.188 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:112 Resp: 2557

Ion	Ratio	Lower	Upper
112	100		
64	59.8	48.7	73.1
63	30.8	25.4	38.2



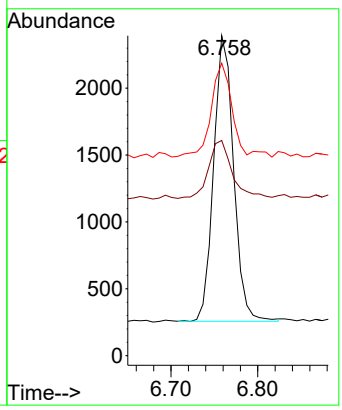


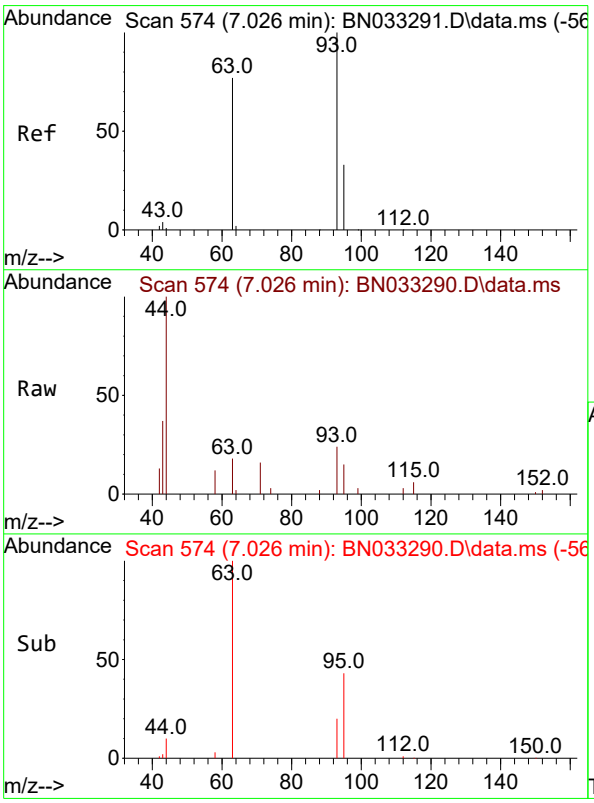
#5
Phenol-d6
Concen: 0.191 ng
RT: 6.758 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3399

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.3	28.9
71	35.1	27.6	41.4

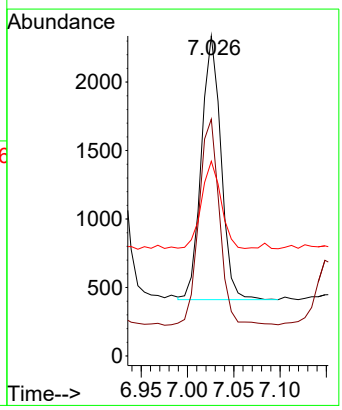


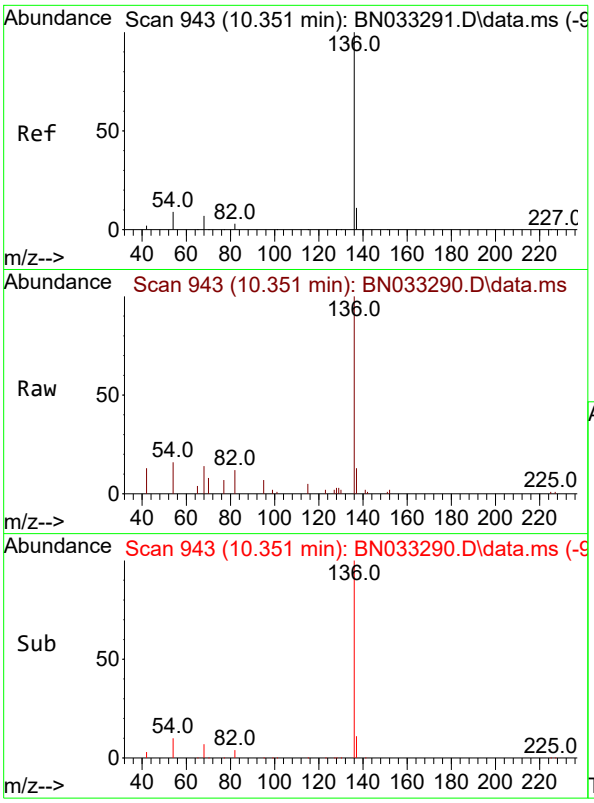


#6
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion: 93 Resp: 2843

Ion	Ratio	Lower	Upper
93	100		
63	82.1	64.5	96.7
95	33.3	26.6	39.8



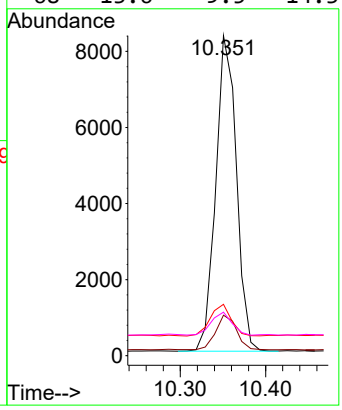


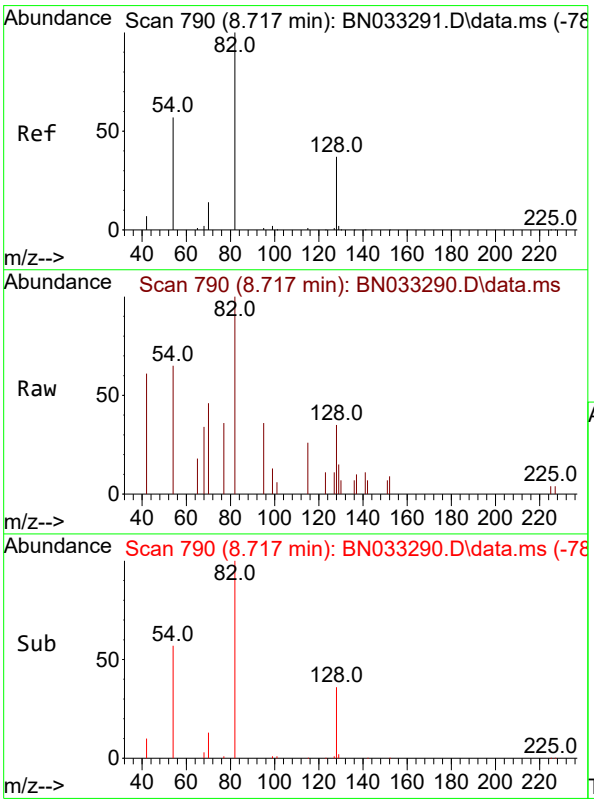
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 13956

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.9	14.9
54	16.1	11.4	17.2
68	13.6	9.5	14.3

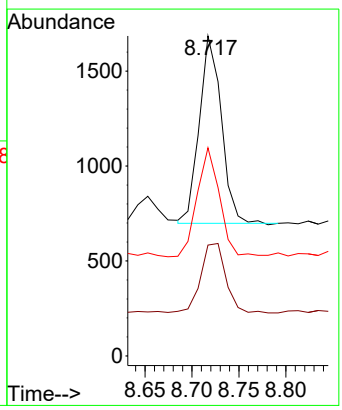


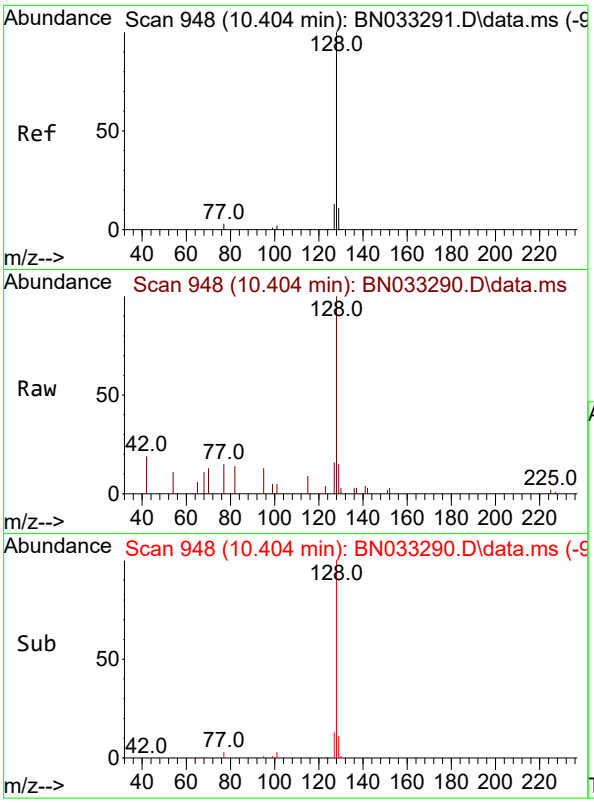


#8
Nitrobenzene-d5
Concen: 0.139 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion: 82 Resp: 1609

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.4	44.2
54	65.0	50.0	75.0



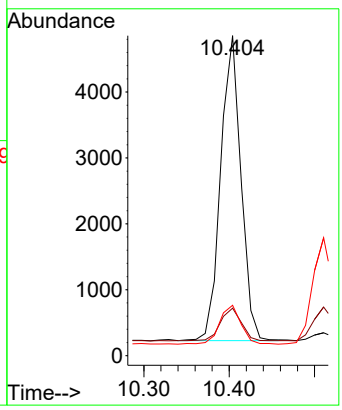


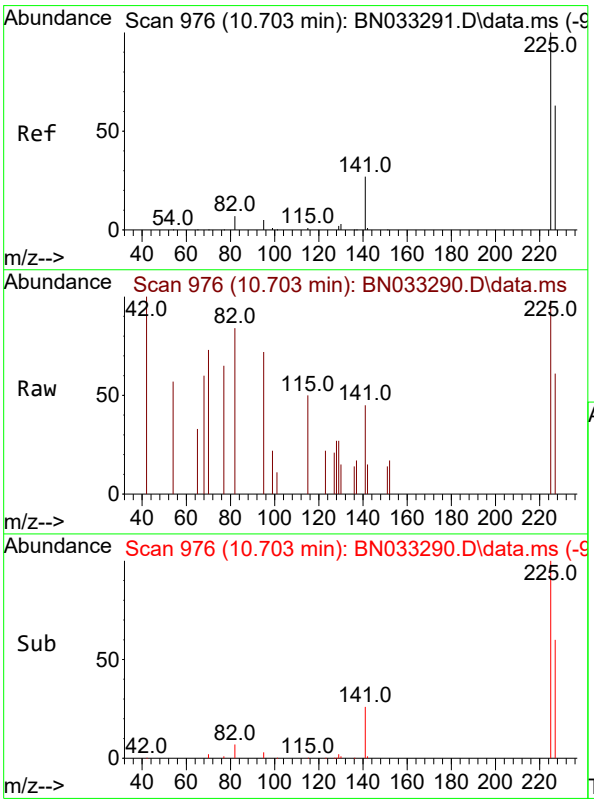
#9
Naphthalene
Concen: 0.203 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7632

Ion	Ratio	Lower	Upper
128	100		
129	14.8	10.1	15.1
127	15.7	11.4	17.2

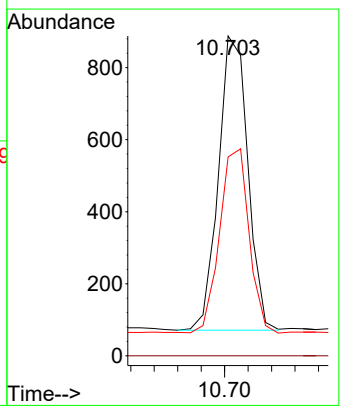


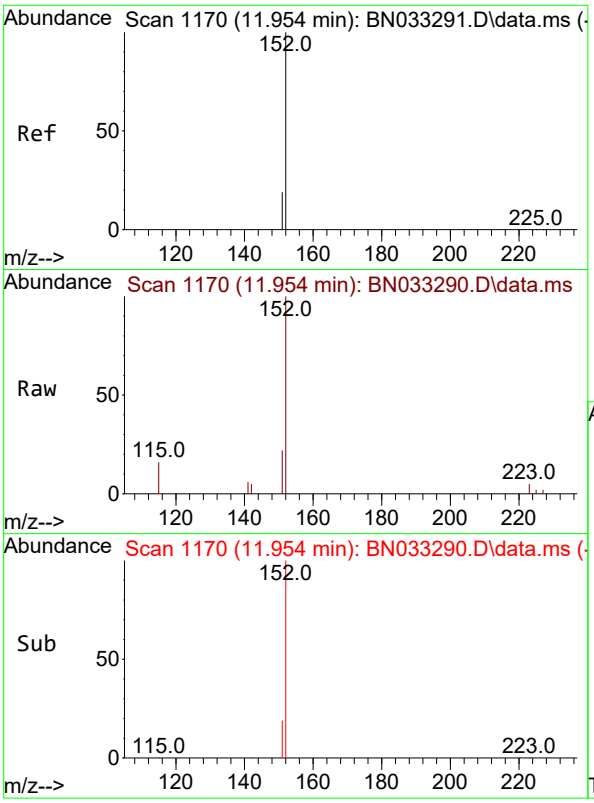


#10
Hexachlorobutadiene
Concen: 0.216 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:225 Resp: 1421

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	51.8	77.6



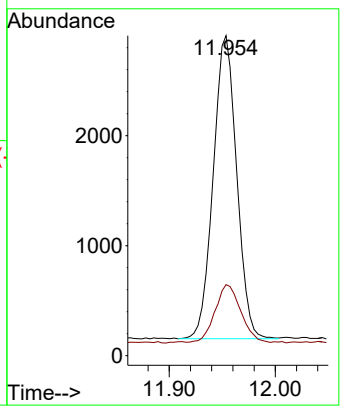


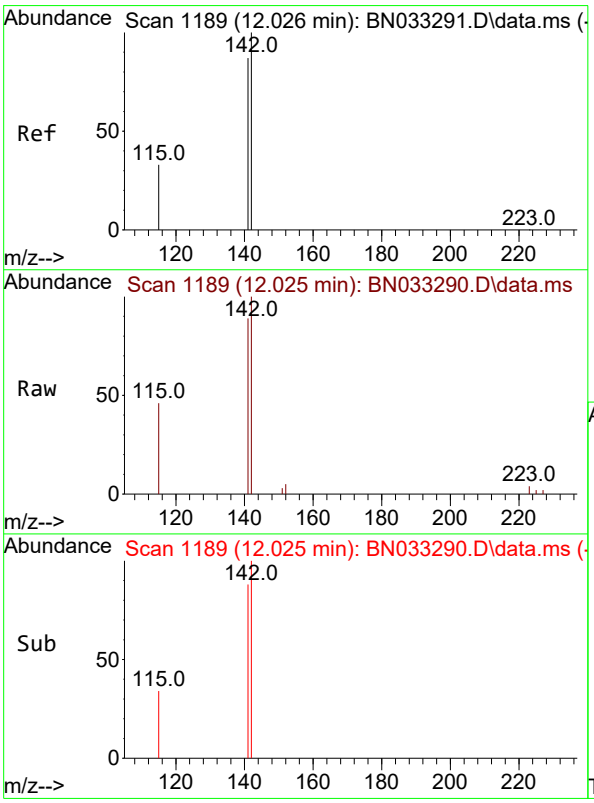
#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 11.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4234

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

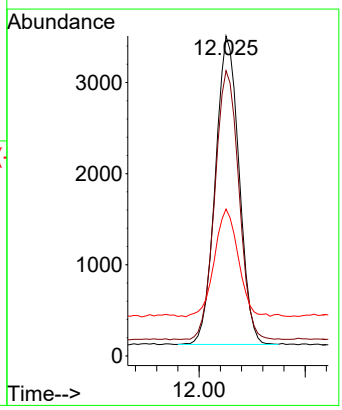


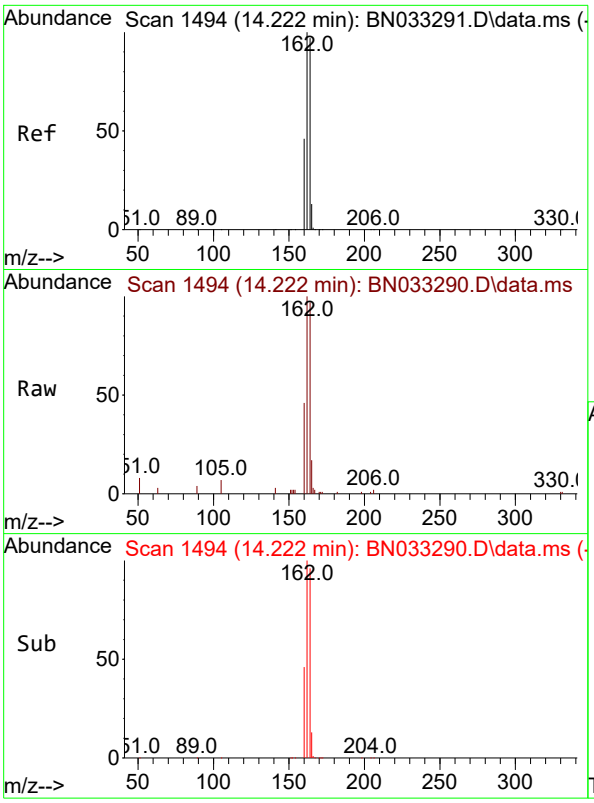


#12
2-Methylnaphthalene
Concen: 0.204 ng
RT: 12.025 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:142 Resp: 5250

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.5	105.7
115	45.9	30.3	45.5#



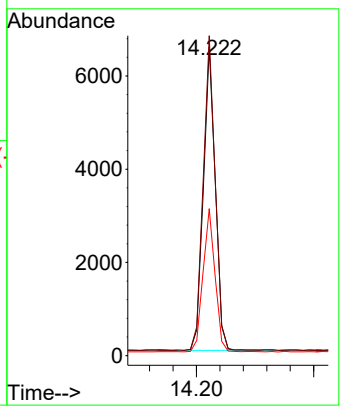


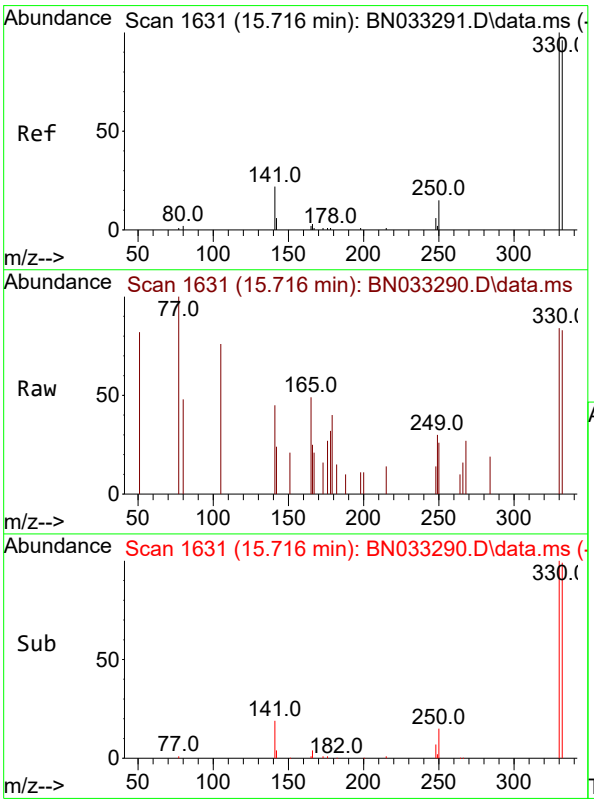
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 9277

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	124.0
160	47.6	38.2	57.4

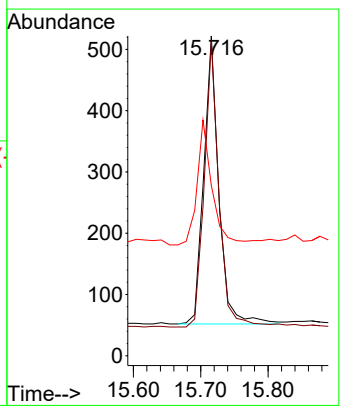


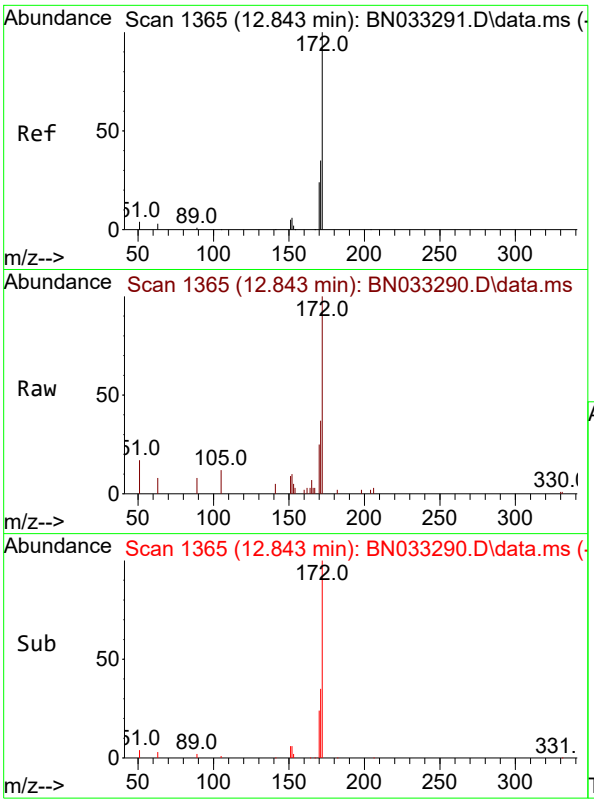


#14
2,4,6-Tribromophenol
Concen: 0.164 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:330 Resp: 730

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.6	113.4
141	42.7	31.0	46.4



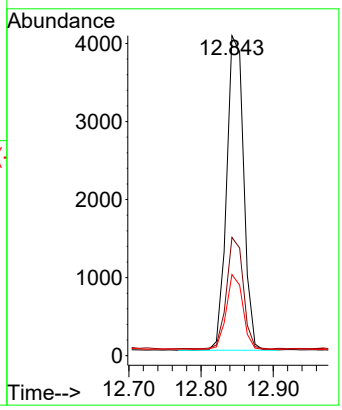


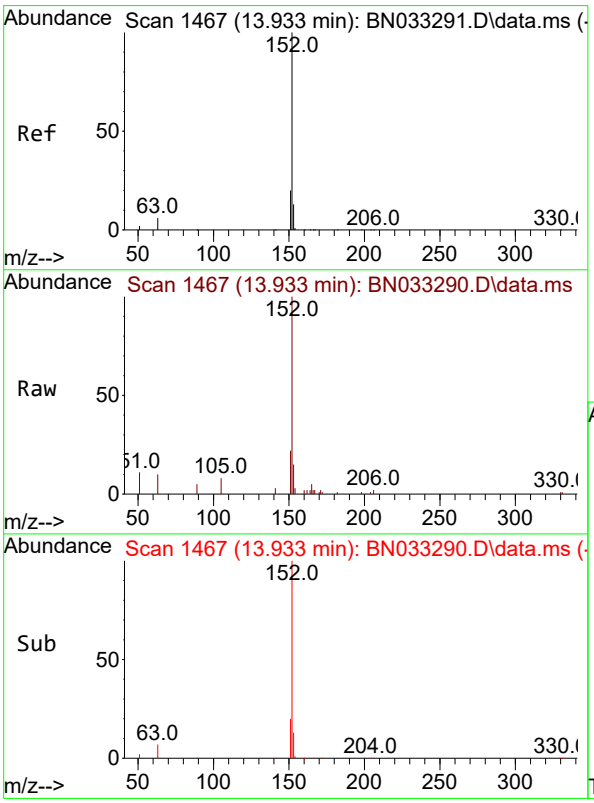
#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 12.843 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6612

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.3	42.5
170	25.3	19.4	29.2

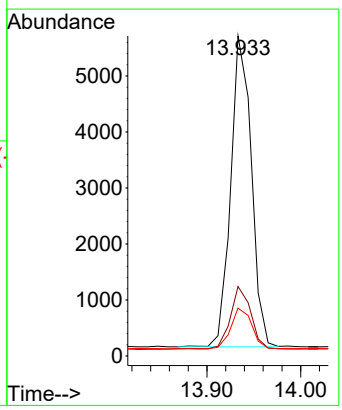


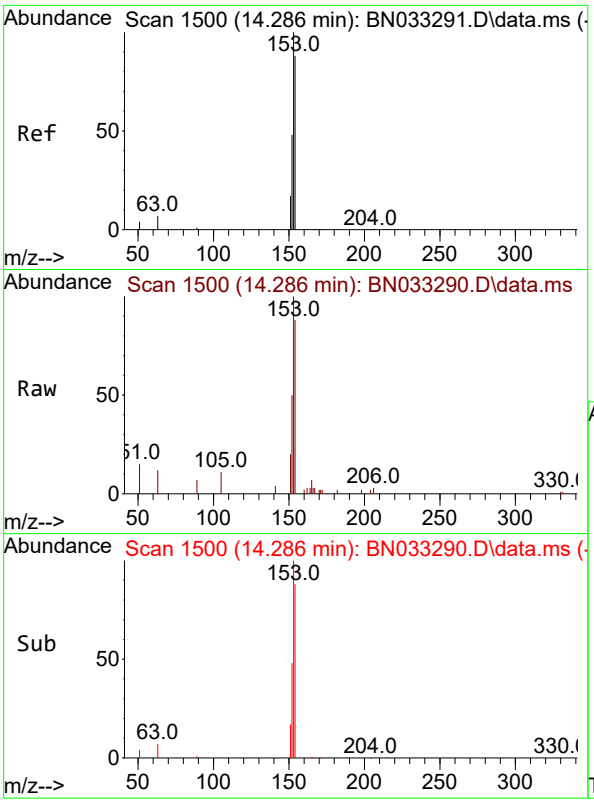


#16
Acenaphthylene
Concen: 0.198 ng
RT: 13.933 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:152 Resp: 8488

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.5	10.3	15.5



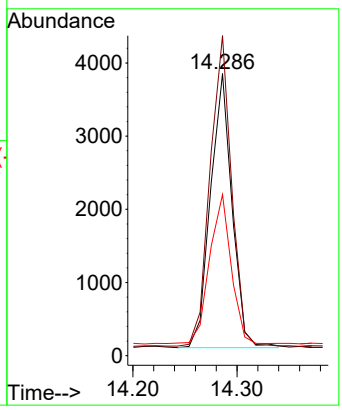


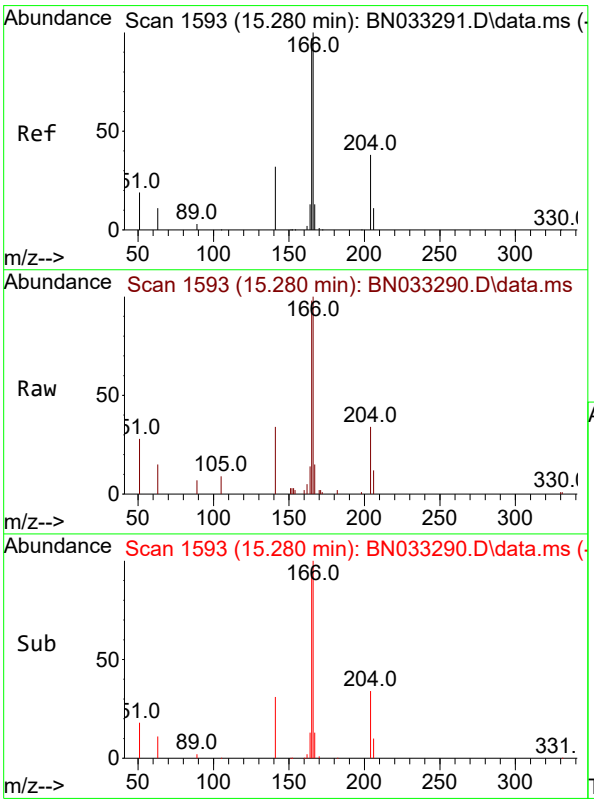
#17
Acenaphthene
Concen: 0.196 ng
RT: 14.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5385

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.5	134.3
152	54.9	43.6	65.4

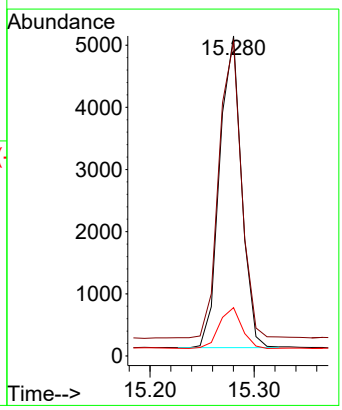


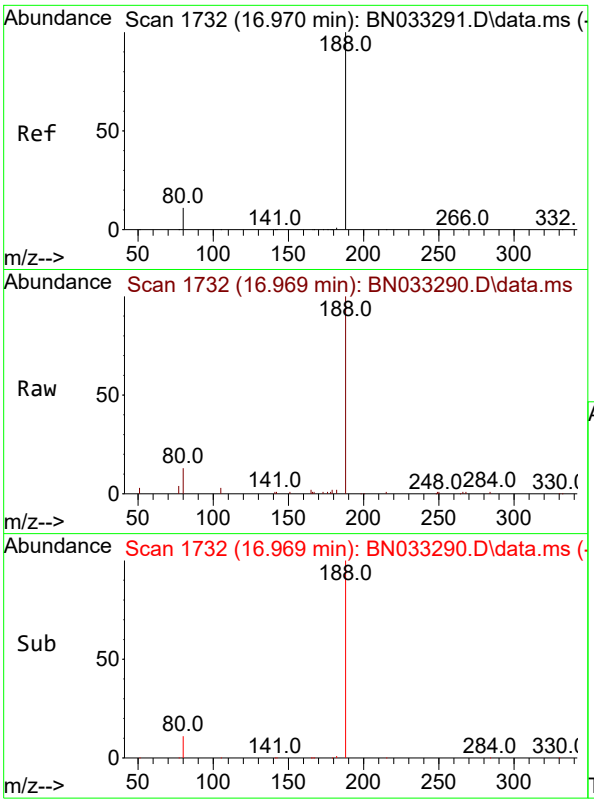


#18
Fluorene
Concen: 0.199 ng
RT: 15.280 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:166 Resp: 7320

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.9	118.3
167	13.6	10.6	16.0



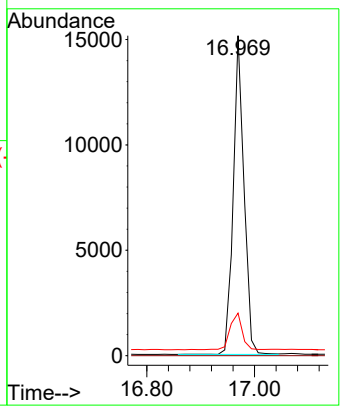


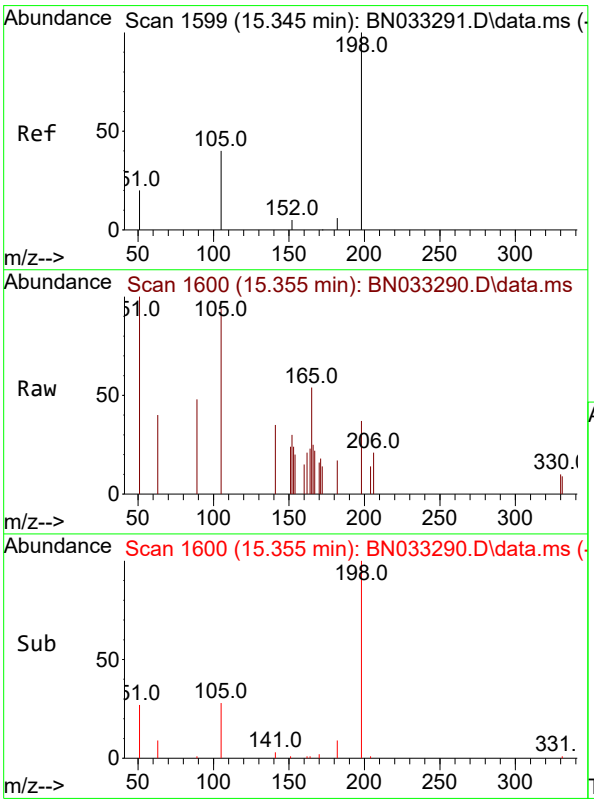
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 20862

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	10.5	15.7

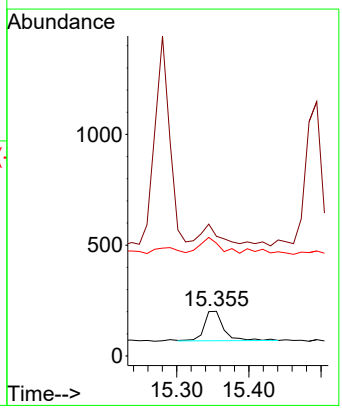


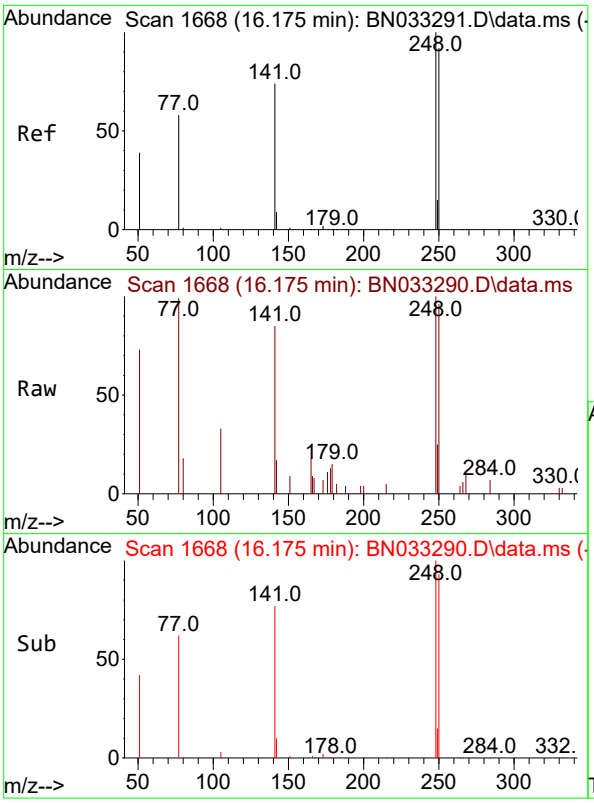


#20
4,6-Dinitro-2-methylphenol
Concen: 0.070 ng
RT: 15.355 min Scan# 1600
Delta R.T. 0.010 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:198 Resp: 251

Ion	Ratio	Lower	Upper
198	100		
51	267.3	127.9	191.9#
105	252.0	112.3	168.5#



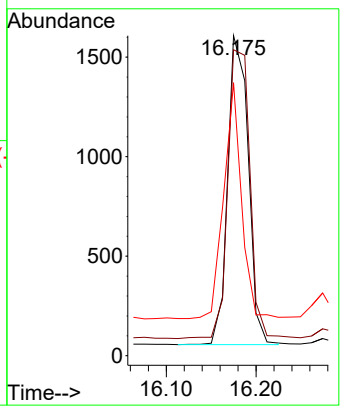


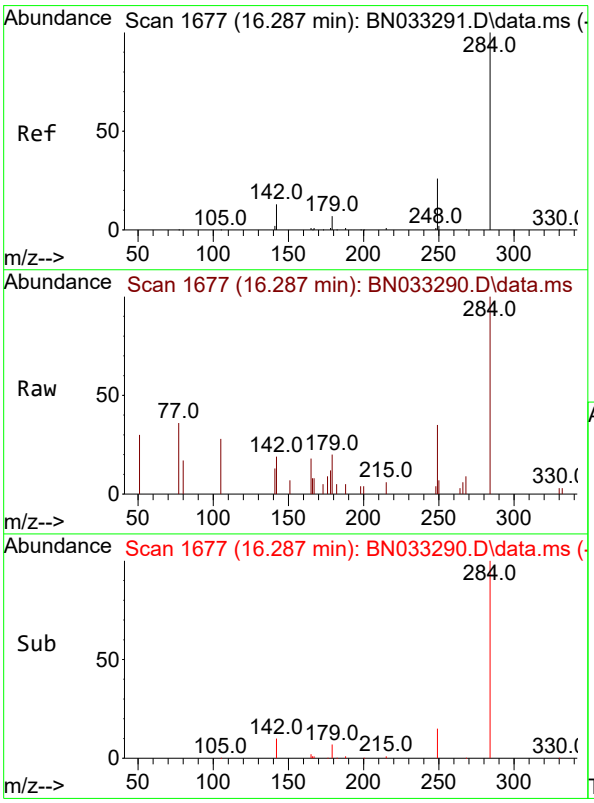
#21
4-Bromophenyl-phenylether
Concen: 0.208 ng
RT: 16.175 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2463

Ion	Ratio	Lower	Upper
248	100		
250	95.6	74.6	112.0
141	85.3	62.2	93.2

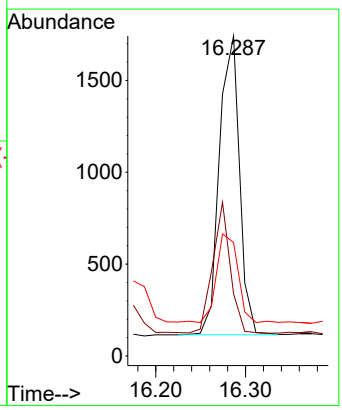


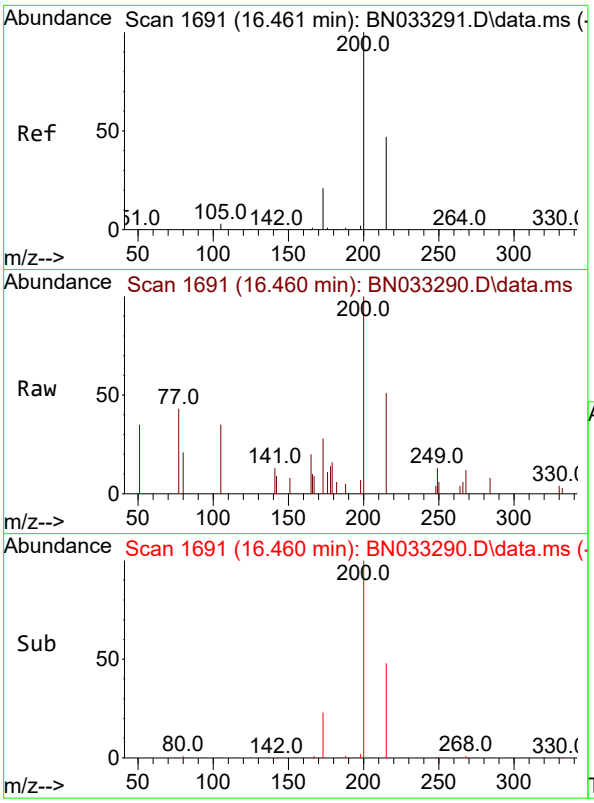


#22
Hexachlorobenzene
Concen: 0.207 ng
RT: 16.287 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:284 Resp: 2543

Ion	Ratio	Lower	Upper
284	100		
142	38.0	30.6	45.8
249	31.3	24.6	36.8



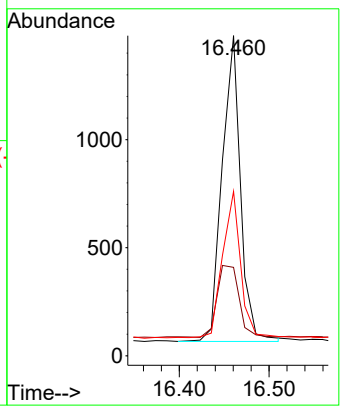


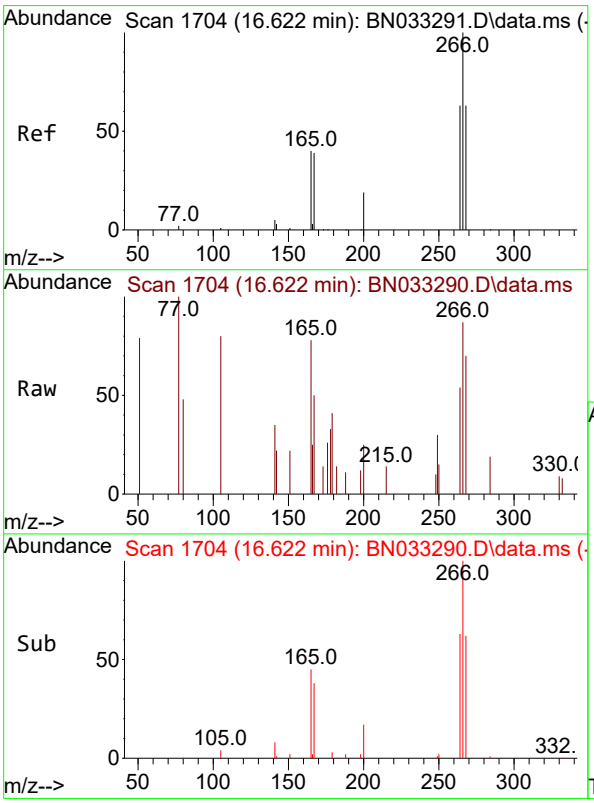
#23
Atrazine
Concen: 0.185 ng
RT: 16.460 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 2007

Ion	Ratio	Lower	Upper
200	100		
173	27.6	18.9	28.3
215	51.4	38.6	57.8

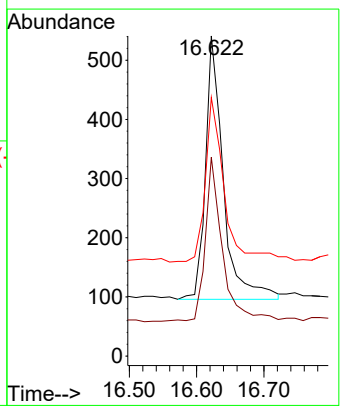


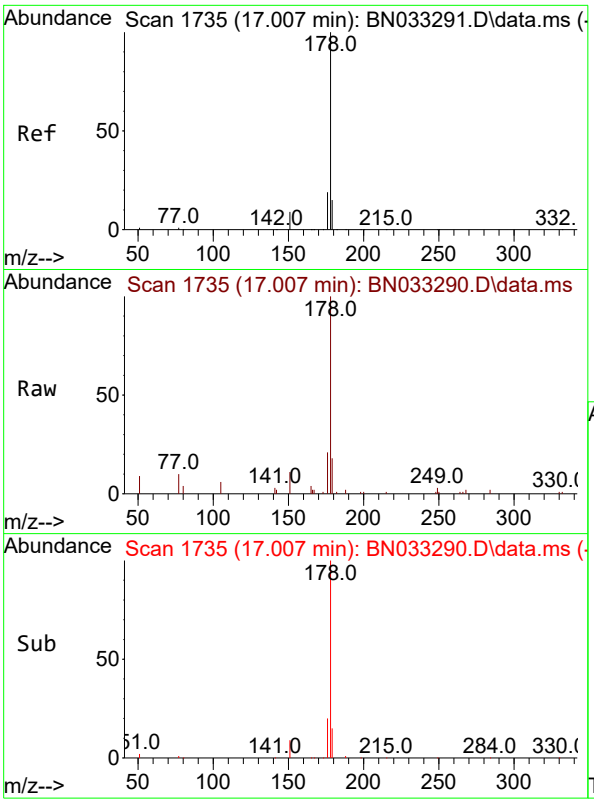


#24
Pentachlorophenol
Concen: 0.135 ng
RT: 16.622 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:266 Resp: 821

Ion	Ratio	Lower	Upper
266	100		
264	59.6	50.3	75.5
268	65.7	51.0	76.4



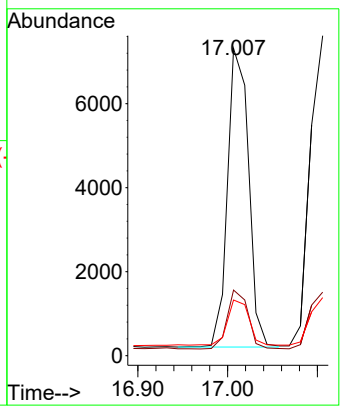


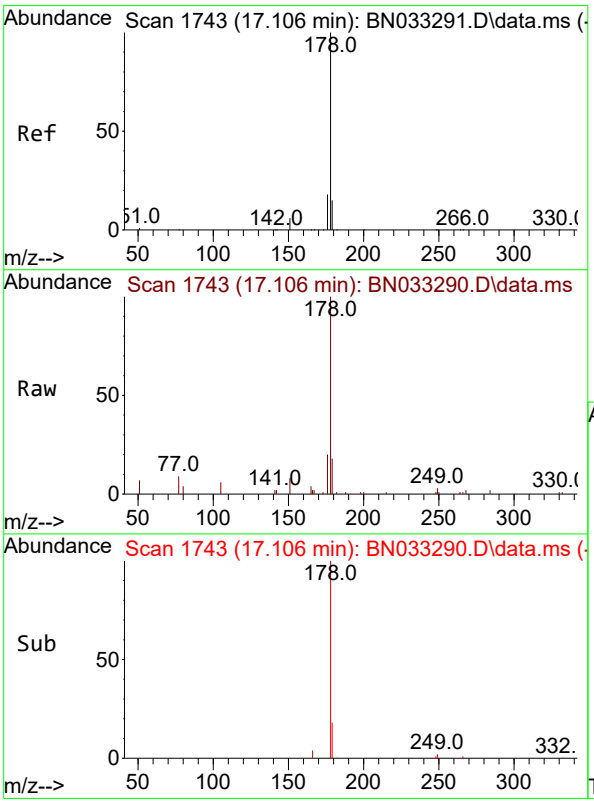
#25
Phenanthrene
Concen: 0.200 ng
RT: 17.007 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 11597

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.5	12.0	18.0

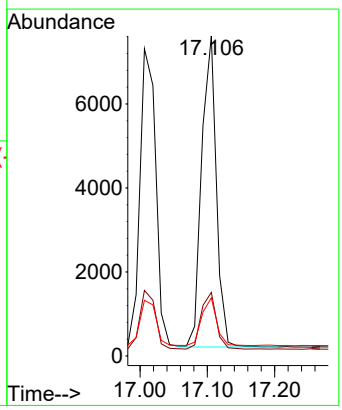


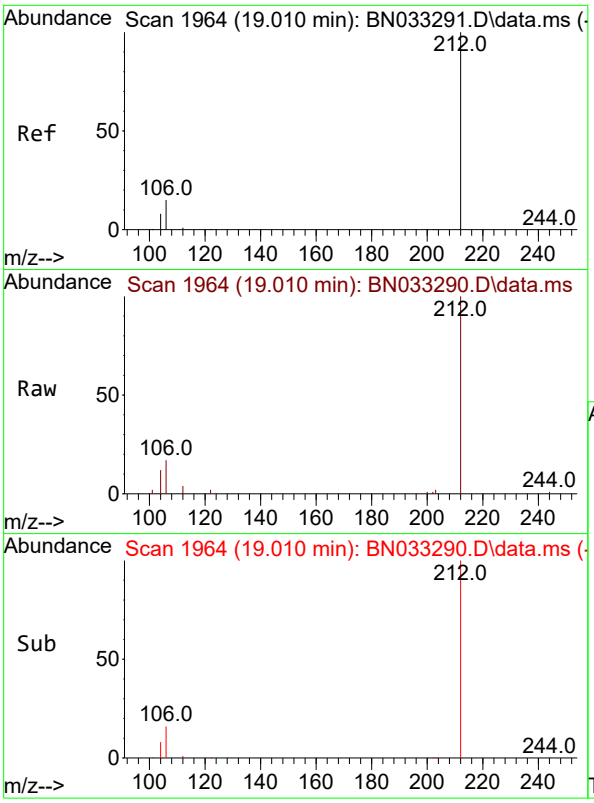


#26
Anthracene
Concen: 0.209 ng
RT: 17.106 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:178 Resp: 11220

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.5	12.2	18.4



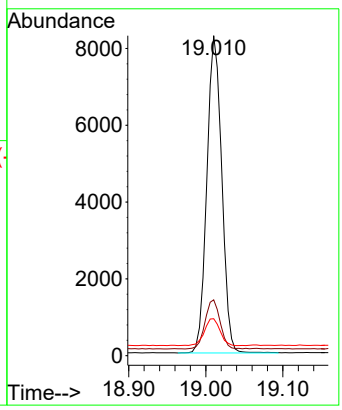


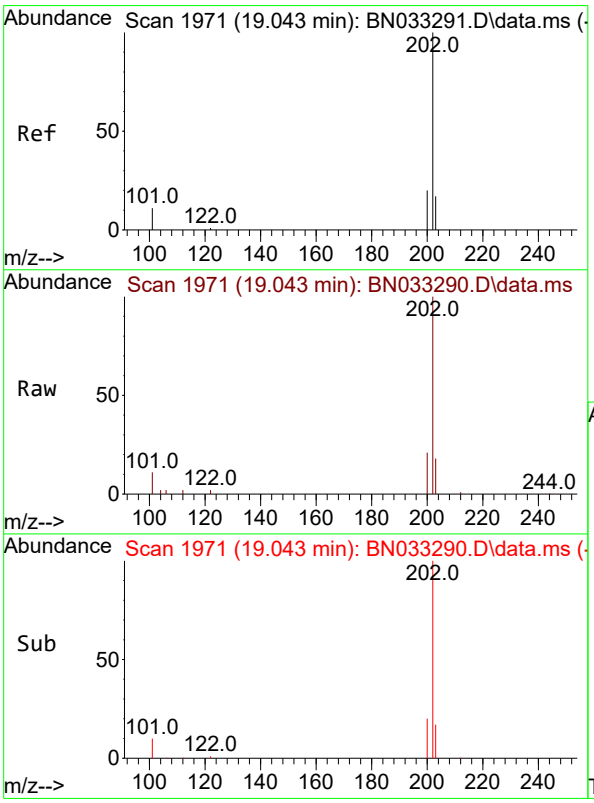
#27
Fluoranthene-d10
Concen: 0.195 ng
RT: 19.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 11076

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.2	18.4
104	8.8	6.9	10.3

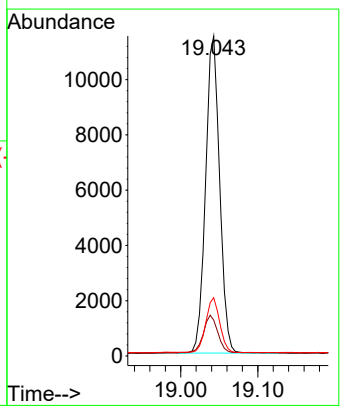


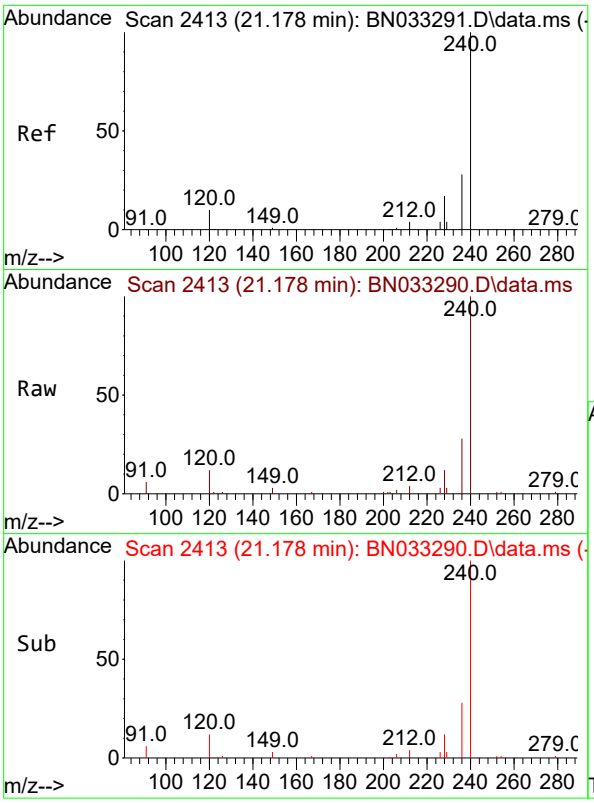


#28
Fluoranthene
Concen: 0.207 ng
RT: 19.043 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:202 Resp: 14522

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.4	14.0
203	17.2	13.8	20.6



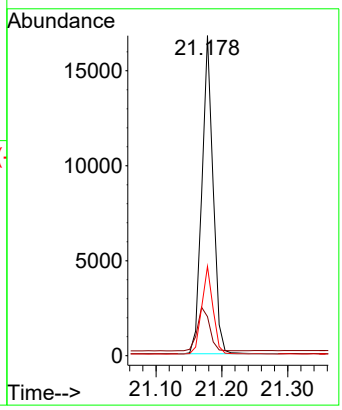


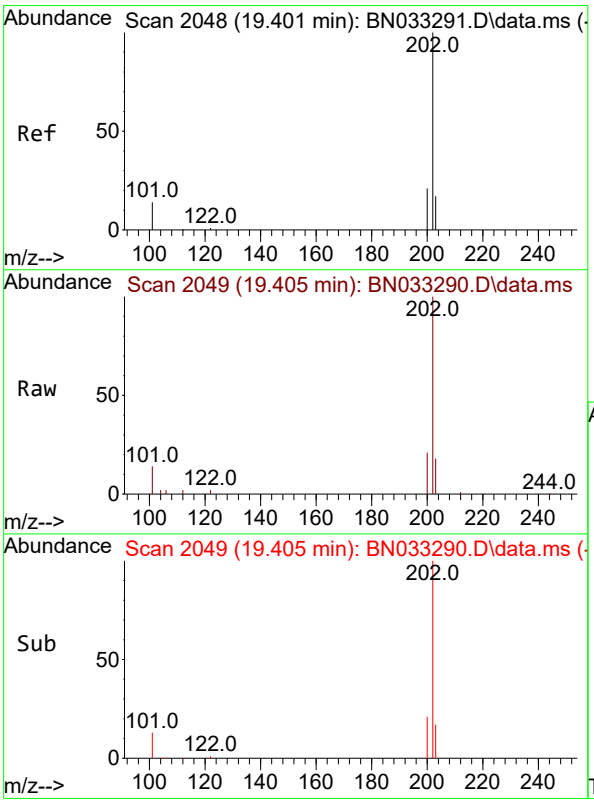
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.178 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 19870

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.6
236	27.9	22.4	33.6

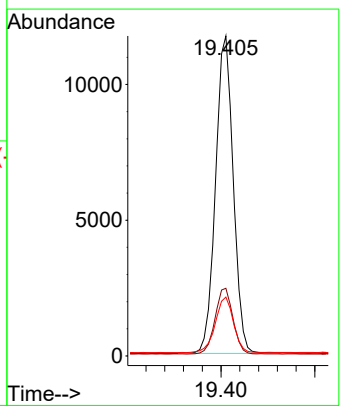


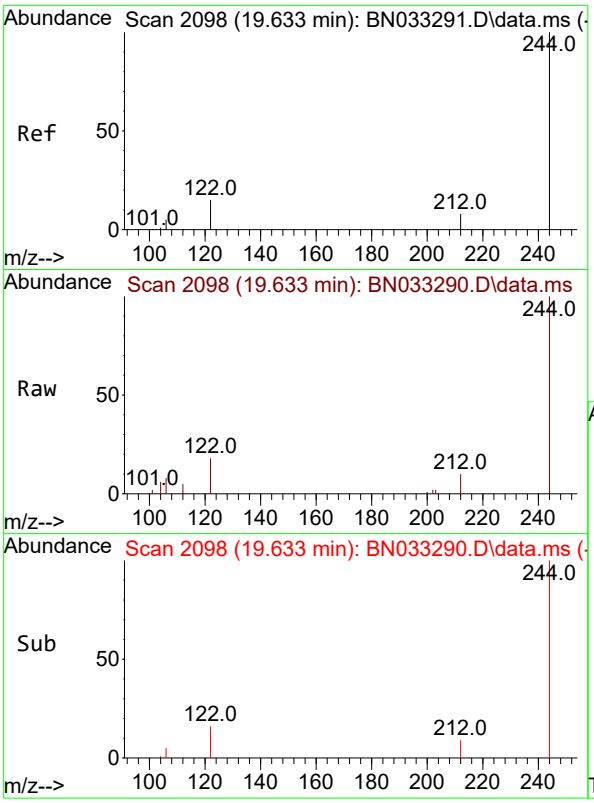


#30
Pyrene
Concen: 0.193 ng
RT: 19.405 min Scan# 2049
Delta R.T. 0.004 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:202 Resp: 15275

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.0	14.2	21.4



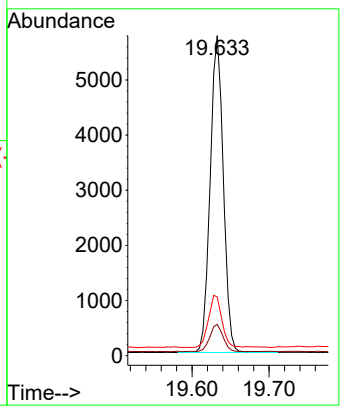


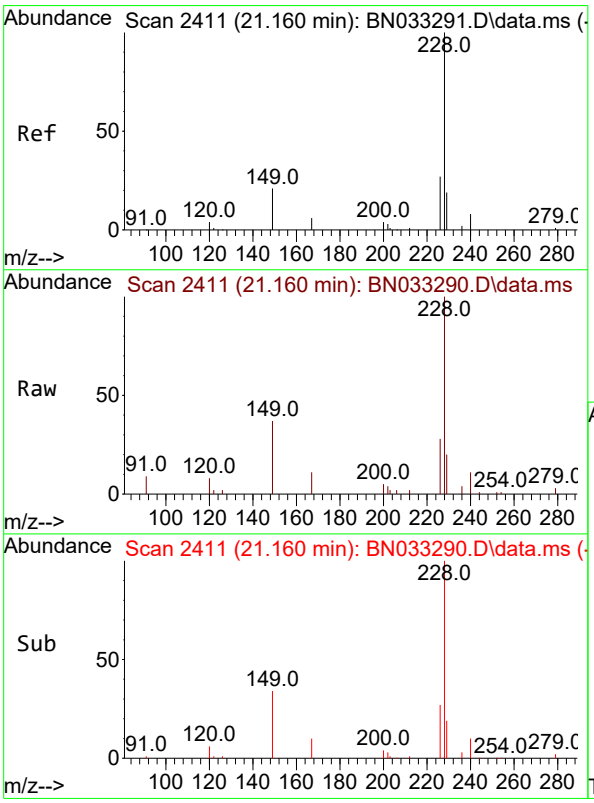
#31
Terphenyl-d14
Concen: 0.140 ng
RT: 19.633 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 6817

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	18.3	12.7	19.1

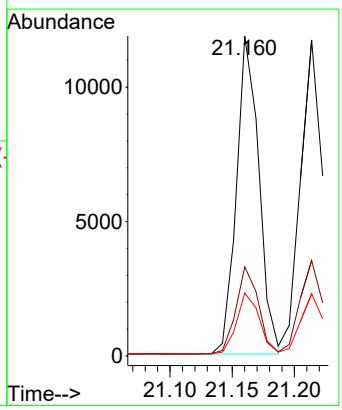


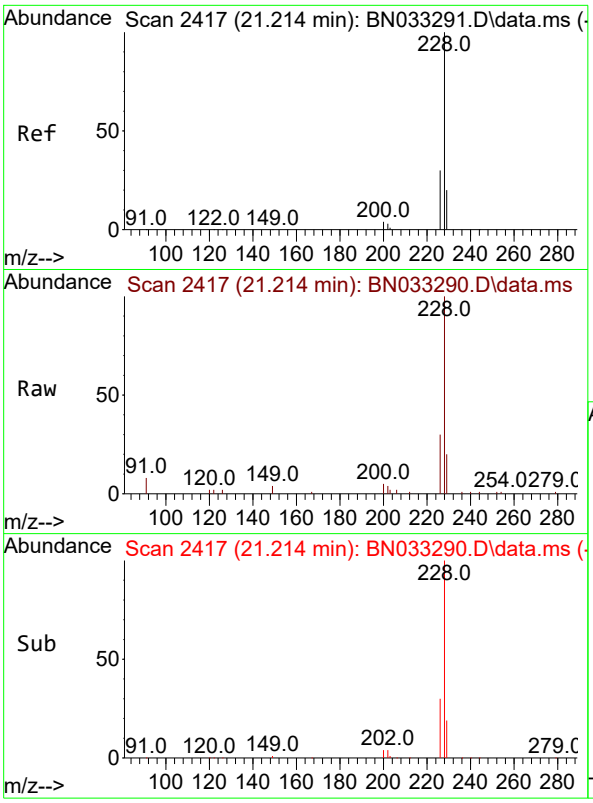


#32
Benzo(a)anthracene
Concen: 0.198 ng
RT: 21.160 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:228 Resp: 14819

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.7	15.6	23.4



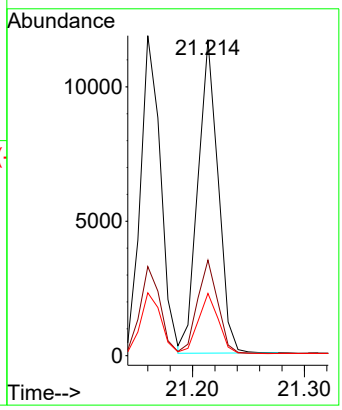


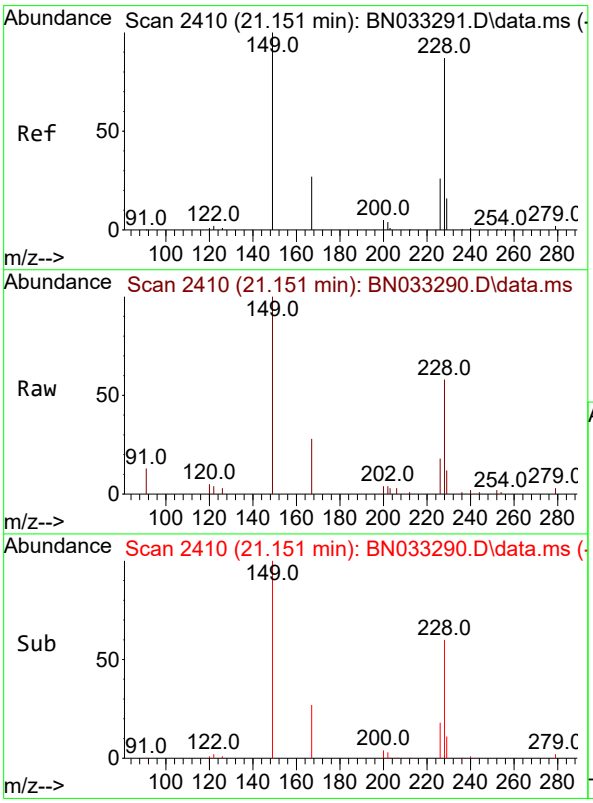
#33
Chrysene
Concen: 0.206 ng
RT: 21.214 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 14588

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.7	15.8	23.8

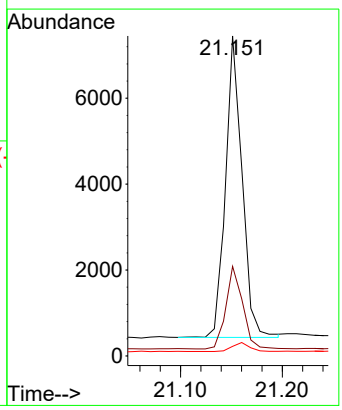


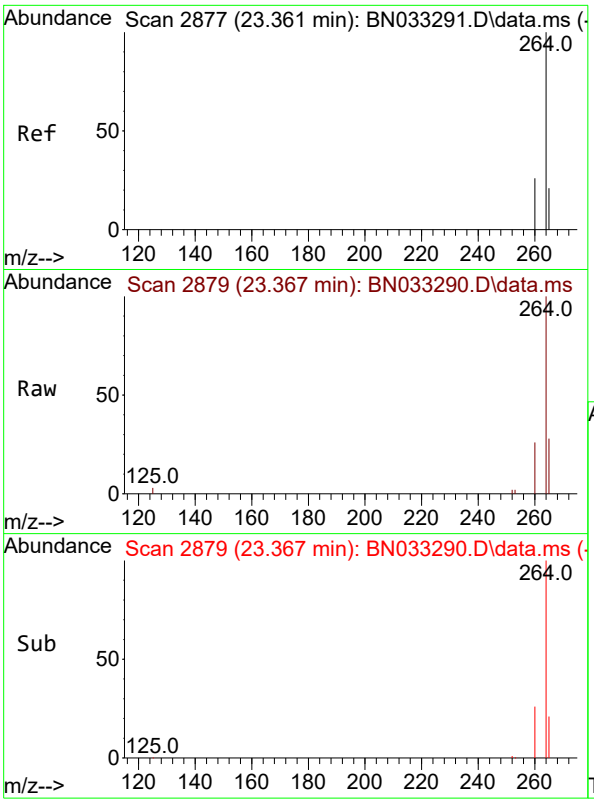


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.151 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:149 Resp: 7939

Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	3.1	2.6	4.0



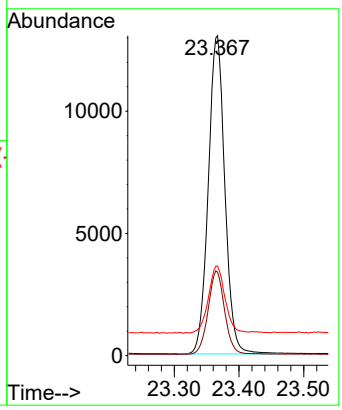


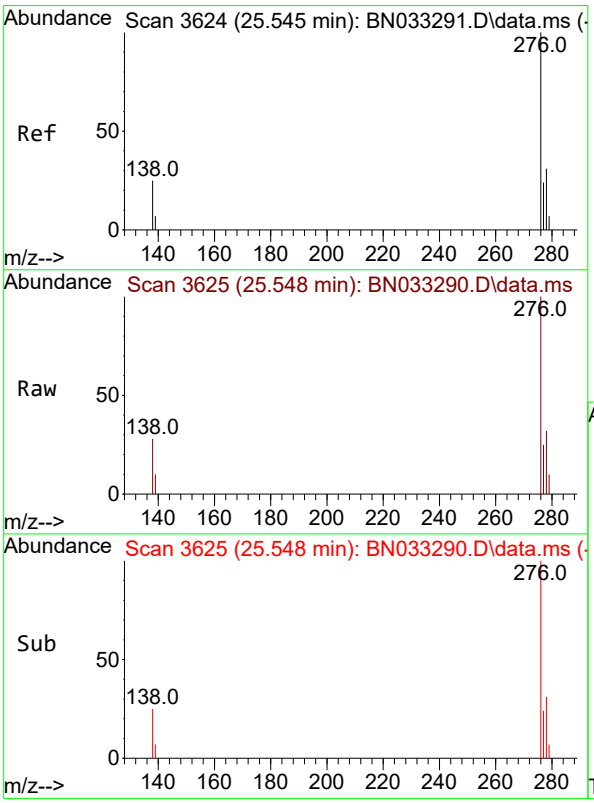
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.367 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 23171

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.4	32.0
265	28.0	22.4	33.6

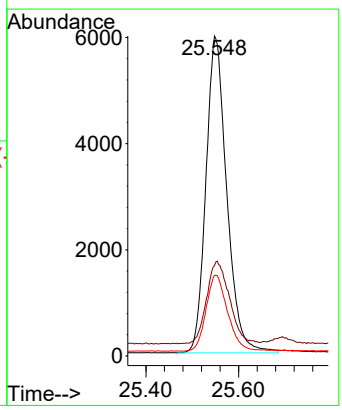


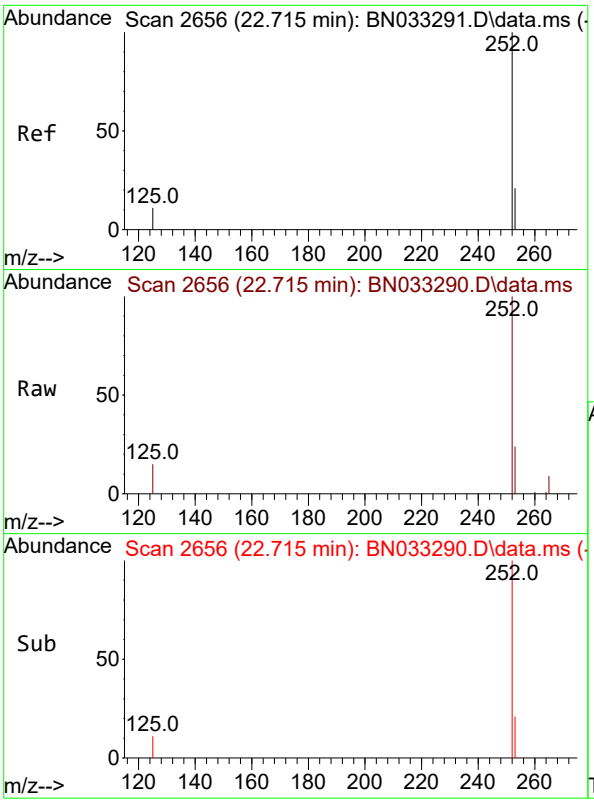


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.216 ng
RT: 25.548 min Scan# 3625
Delta R.T. 0.003 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:276 Resp: 18661

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.7	34.1
277	25.0	19.8	29.8



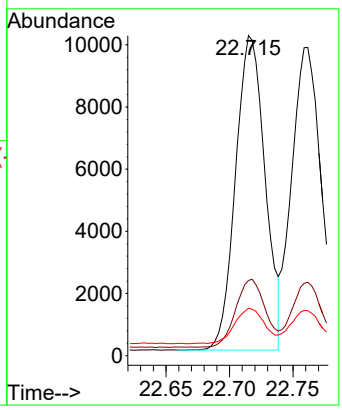


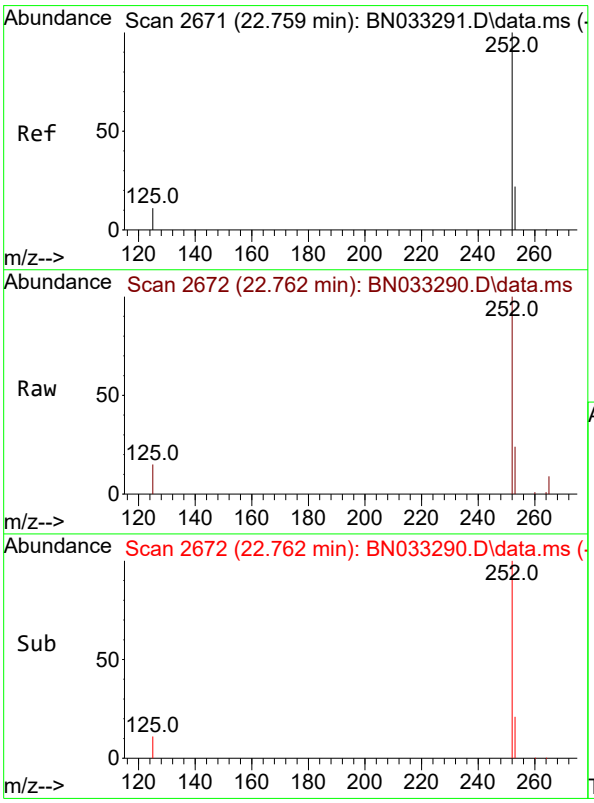
#37
Benzo(b)fluoranthene
Concen: 0.193 ng
RT: 22.715 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 16302

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	14.9	10.0	15.0

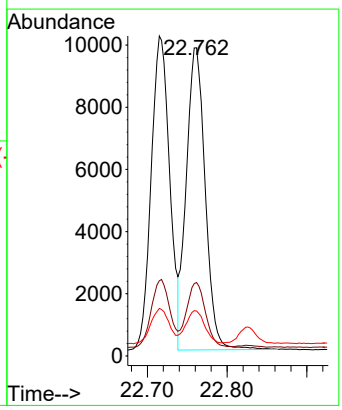


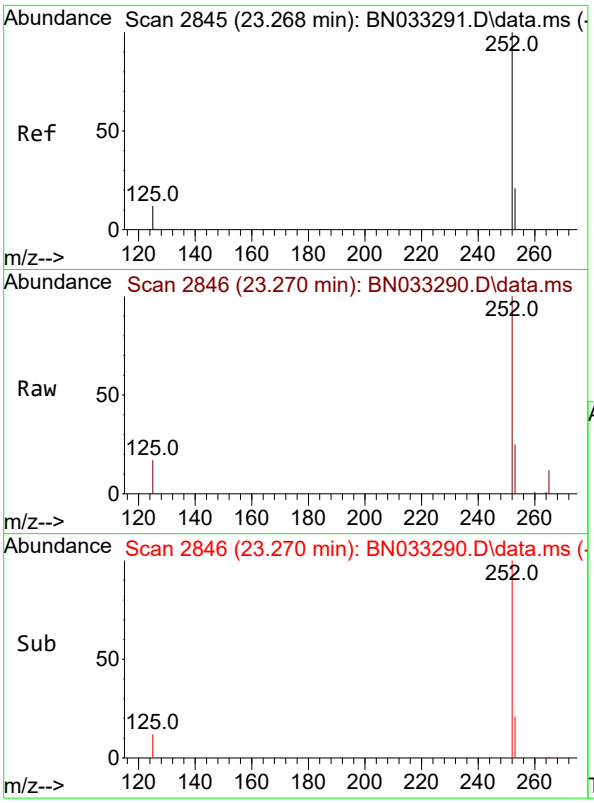


#38
Benzo(k)fluoranthene
Concen: 0.201 ng
RT: 22.762 min Scan# 2672
Delta R.T. 0.003 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:252 Resp: 16033

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.3	27.5
125	14.6	10.2	15.4



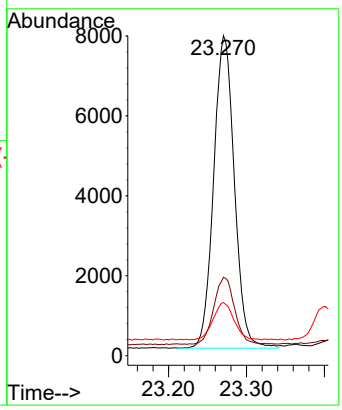


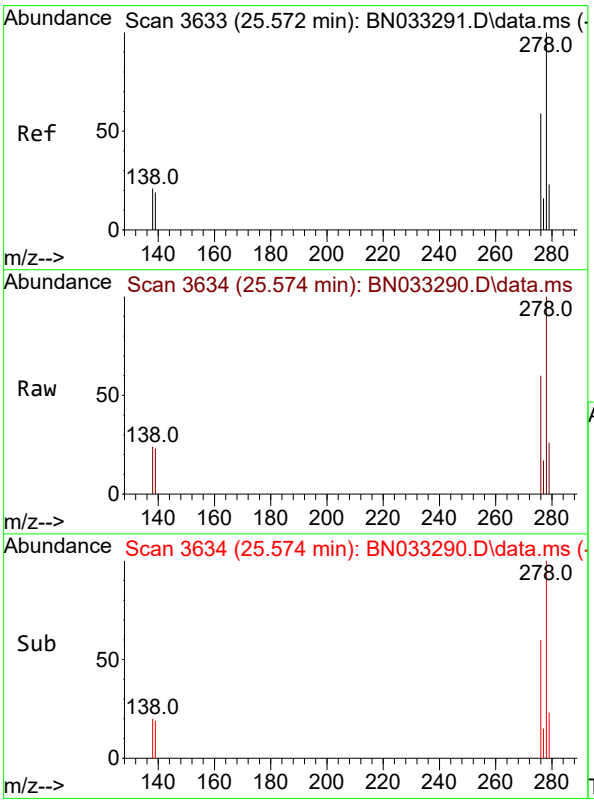
#39
Benzo(a)pyrene
Concen: 0.198 ng
RT: 23.270 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 14433

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	16.6	11.4	17.2

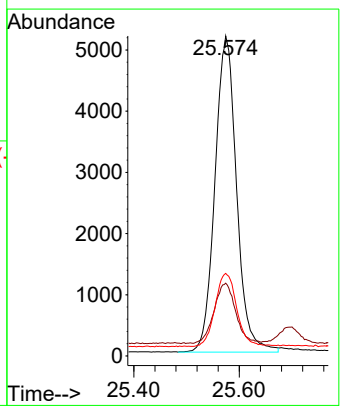


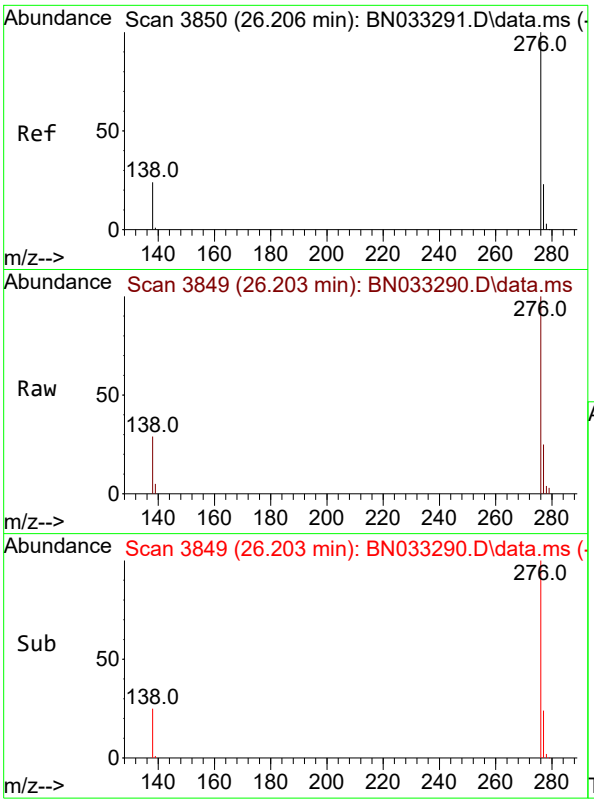


#40
Dibenzo(a,h)anthracene
Concen: 0.216 ng
RT: 25.574 min Scan# 3634
Delta R.T. 0.003 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Tgt Ion:278 Resp: 14703

Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.3	24.5
279	25.8	19.4	29.2





#41
Benzo(g,h,i)perylene
Concen: 0.222 ng
RT: 26.203 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN033290.D
Acq: 07 Aug 2024 20:00

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 16242

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	28.6	20.8	31.2