Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035278.D
Acq On : 25 Nov 2024 10:52
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 25 18:31:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:32:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.315	152	2248	0.400	ng		0.00
7) Naphthalene-d8	10.063	136	5670	0.400	ng		0.00
13) Acenaphthene-d10	13.976	164	3200	0.400	ng		0.00
19) Phenanthrene-d10	16.734	188	7531	0.400	ng		0.00
29) Chrysene-d12	21.008	240	797	0.400	ng		0.00
35) Perylene-d12	23.084	264	4527	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.975	112	891	0.210	ng		0.00
5) Phenol-d6	6.520	99	1264	0.213	ng		0.00
8) Nitrobenzene-d5	8.450	82	1060	0.231	ng		0.00
11) 2-Methylnaphthalene-d10	11.666	152	1506	0.190	ng		0.00
14) 2,4,6-Tribromophenol	15.484	330	279	0.171	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	679	0.384	ng		0.00
27) Fluoranthene-d10	18.792	212	3625	0.180	ng		0.00
31) Terphenyl-d14	19.424	244	2197	0.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	310	0.192	ng	#	75
3) n-Nitrosodimethylamine	3.299	42	314	0.188	ng	#	82
6) bis(2-Chloroethyl)ether	6.766	93	978	0.196	ng		98
9) Naphthalene	10.116	128	2990	0.190	ng		96
10) Hexachlorobutadiene	10.415	225	818	0.185	ng	#	98
12) 2-Methylnaphthalene	11.742	142	1929	0.187	ng		97
16) Acenaphthylene	13.688	152	2991	0.186	ng		99
17) Acenaphthene	14.040	154	1852	0.183	ng		97
18) Fluorene	15.035	166	2587	0.182	ng		98
20) 4,6-Dinitro-2-methylph...	15.131	198	102	0.283	ng	#	49
21) 4-Bromophenyl-phenylether	15.952	248	888	0.186	ng	#	70
22) Hexachlorobenzene	16.051	284	1264	0.185	ng		98
23) Atrazine	16.237	200	357	0.177	ng		92
24) Pentachlorophenol	16.399	266	252	0.154	ng		97
25) Phenanthrene	16.783	178	4155	0.180	ng		100
26) Anthracene	16.870	178	3384	0.170	ng		99
28) Fluoranthene	18.825	202	4828	0.165	ng		100
30) Pyrene	19.192	202	4697	0.162	ng		99
32) Benzo(a)anthracene	21.017	228	4459	0.161	ng		99
33) Chrysene	21.017	228	4459	0.161	ng		99
34) Bis(2-ethylhexyl)phtha...	21.017	149	696	0.104	ng	#	92
36) Indeno(1,2,3-cd)pyrene	25.121	276	3191	0.172	ng		99
37) Benzo(b)fluoranthene	22.467	252	3513	0.179	ng	#	90
38) Benzo(k)fluoranthene	22.505	252	3588	0.172	ng	#	90
39) Benzo(a)pyrene	22.990	252	2673	0.178	ng	#	87
40) Dibenzo(a,h)anthracene	25.142	278	2328	0.166	ng	#	90
41) Benzo(g,h,i)perylene	25.741	276	2967	0.183	ng		95

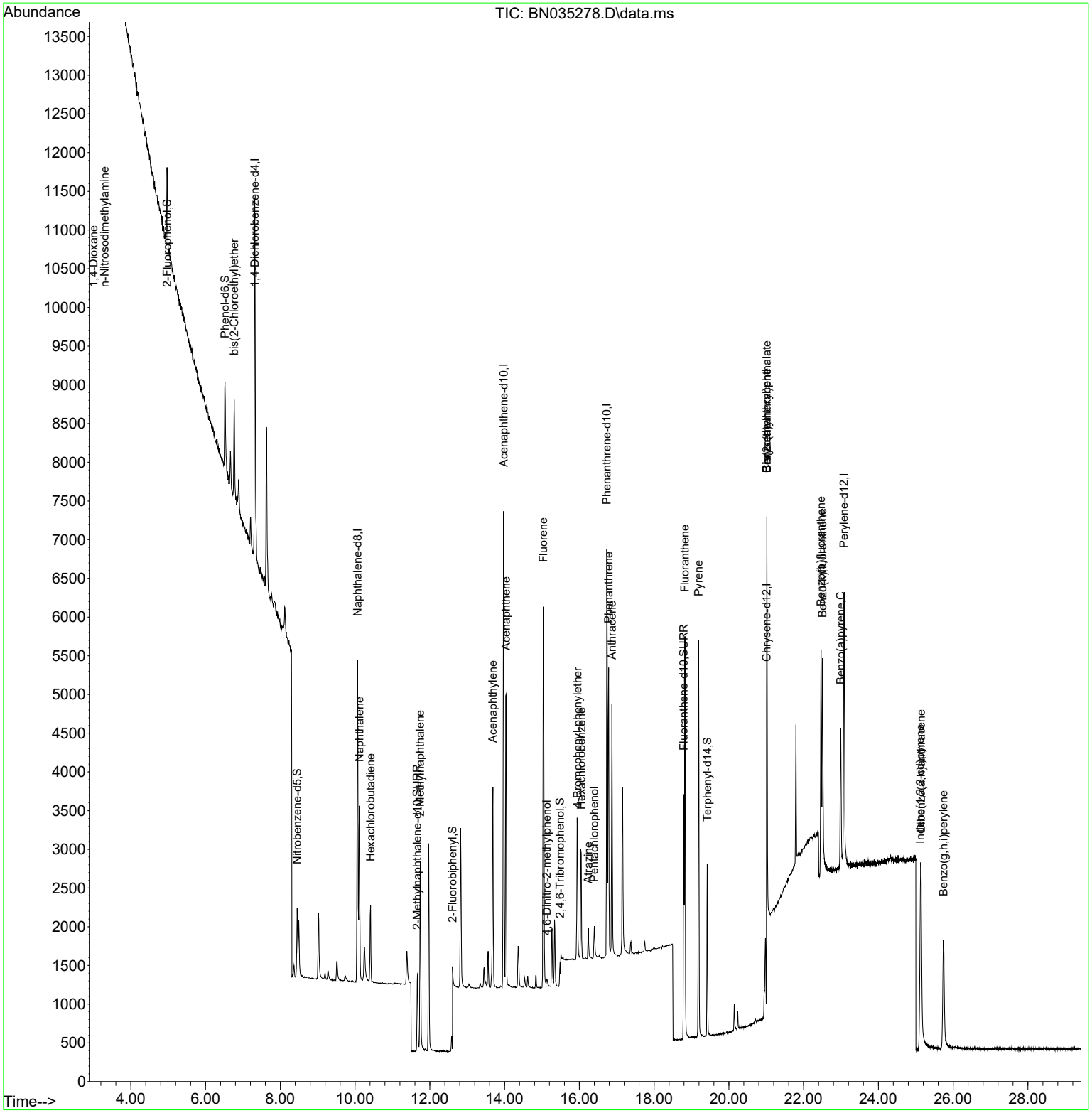
(#) = qualifier out of range (m) = manual integration (+) = signals summed

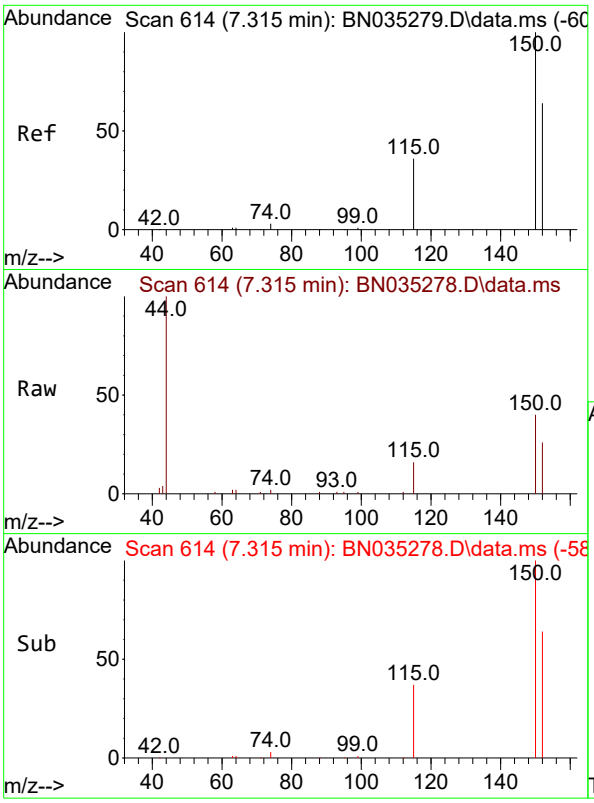
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035278.D
Acq On : 25 Nov 2024 10:52
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 25 18:31:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:32:52 2024
Response via : Initial Calibration



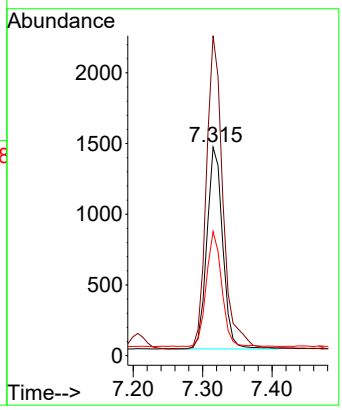


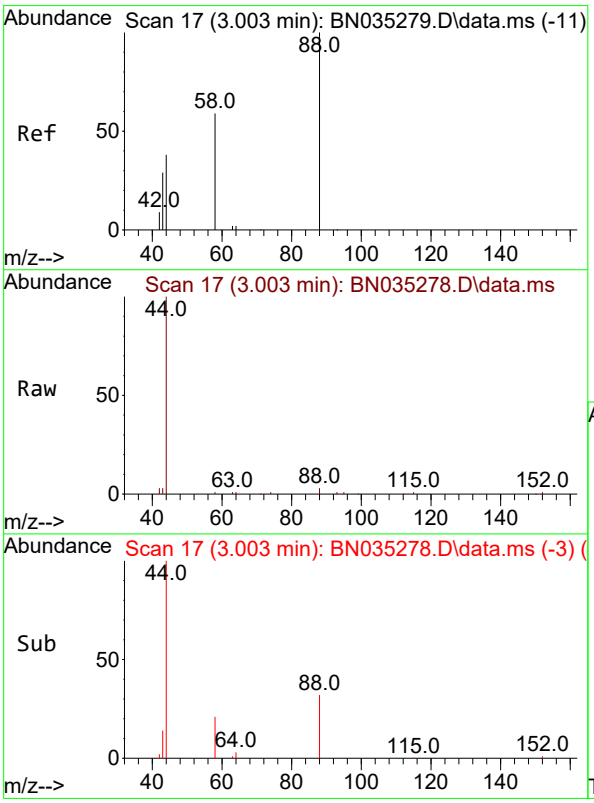
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.315 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 2248

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.5	186.7
115	59.6	47.8	71.8

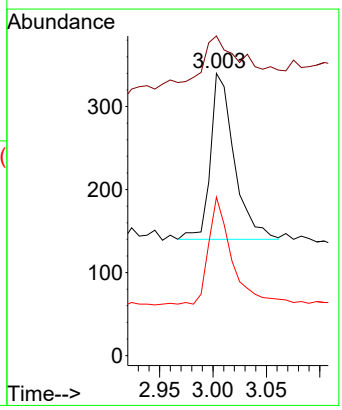


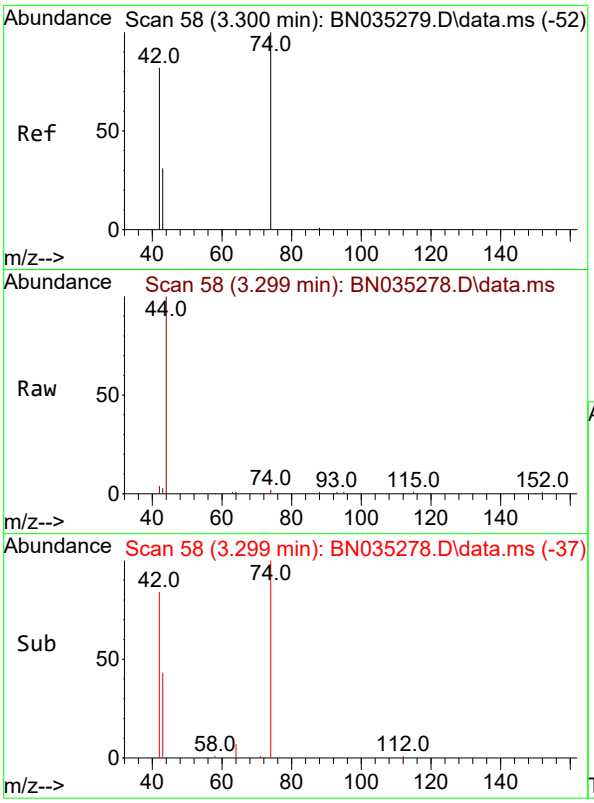


#2
1,4-Dioxane
Concen: 0.192 ng
RT: 3.003 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion: 88 Resp: 310

Ion	Ratio	Lower	Upper
88	100		
43	91.0	48.1	72.1#
58	65.5	46.9	70.3



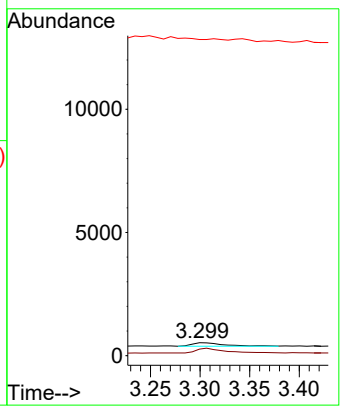


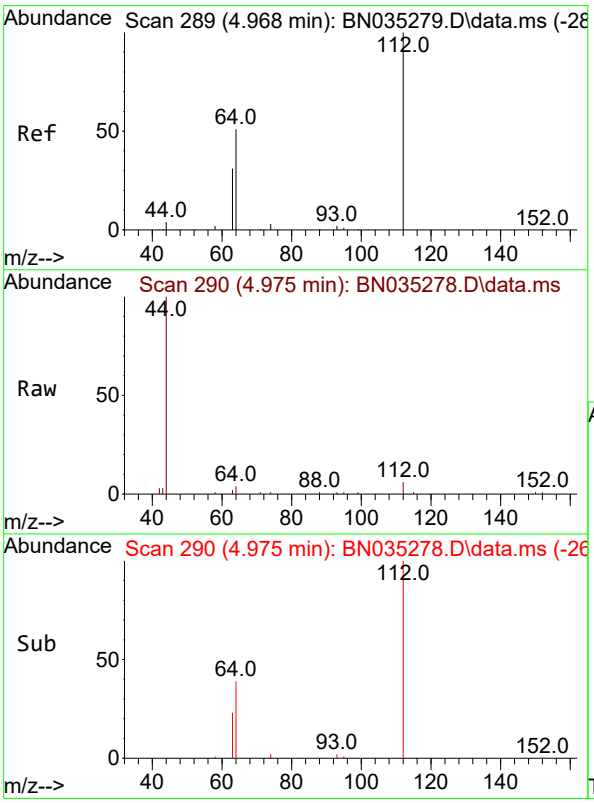
#3
n-Nitrosodimethylamine
Concen: 0.188 ng
RT: 3.299 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 314

Ion	Ratio	Lower	Upper
42	100		
74	125.8	102.7	154.1
44	0.0	34.1	51.1#

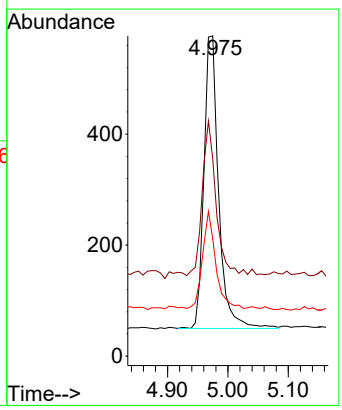


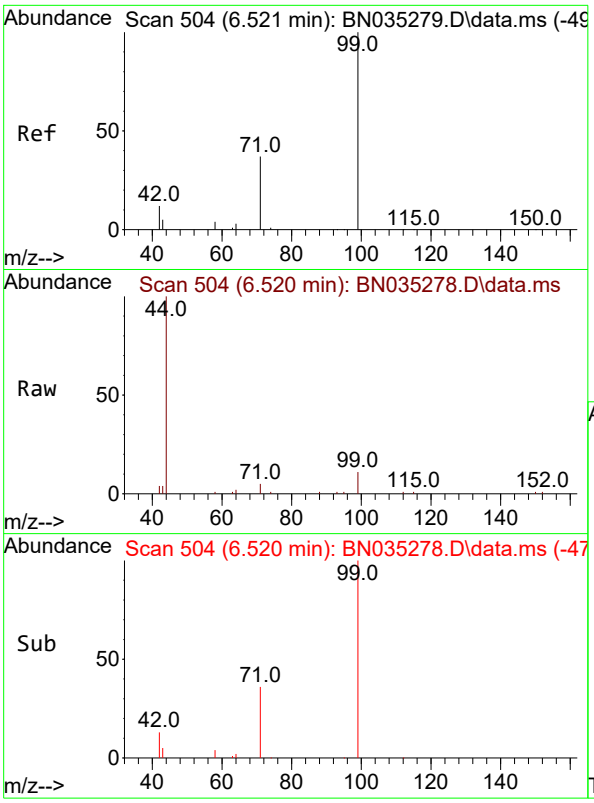


#4
2-Fluorophenol
Concen: 0.210 ng
RT: 4.975 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:112 Resp: 891

Ion	Ratio	Lower	Upper
112	100		
64	50.3	40.4	60.6
63	29.5	23.8	35.8



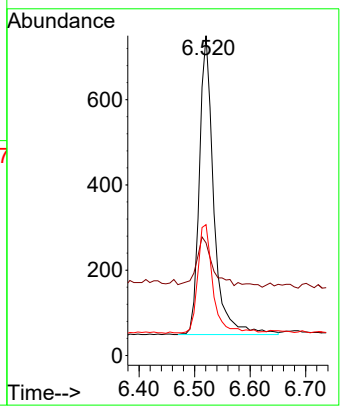


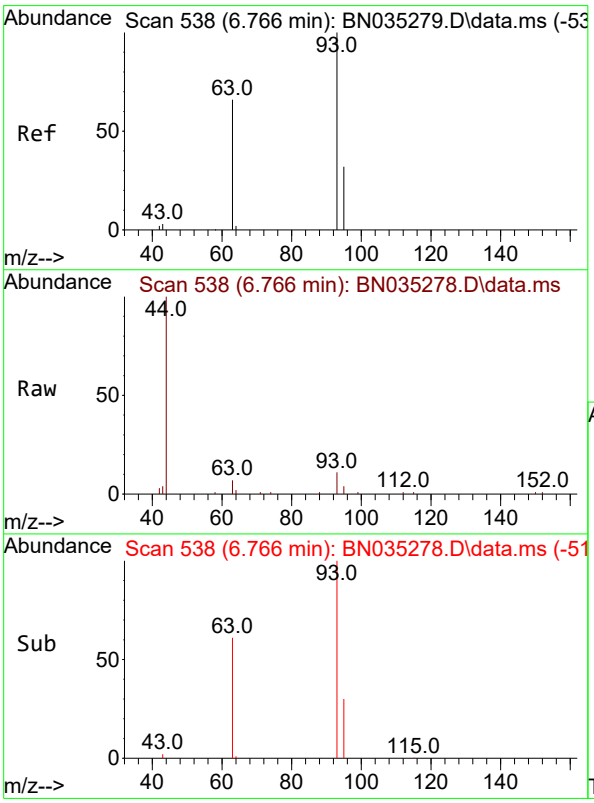
#5
Phenol-d6
Concen: 0.213 ng
RT: 6.520 min Scan# 5(
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 1264

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	37.8	31.4	47.2

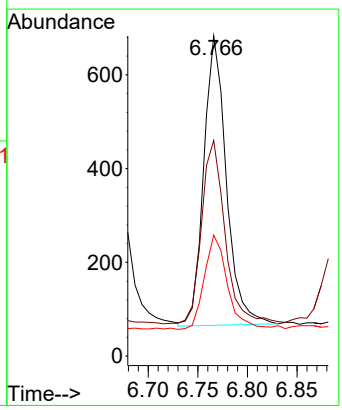


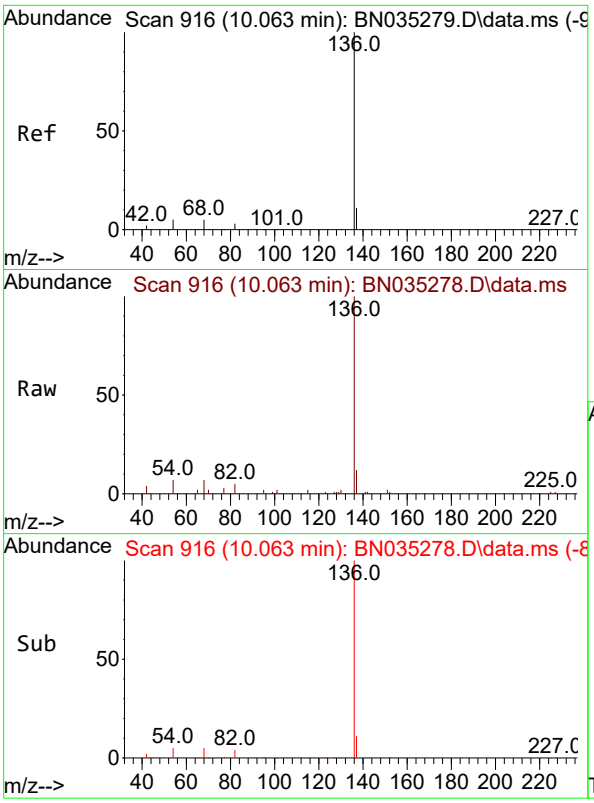


#6
bis(2-Chloroethyl)ether
Concen: 0.196 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion: 93 Resp: 978

Ion	Ratio	Lower	Upper
93	100		
63	66.0	52.3	78.5
95	33.7	25.5	38.3



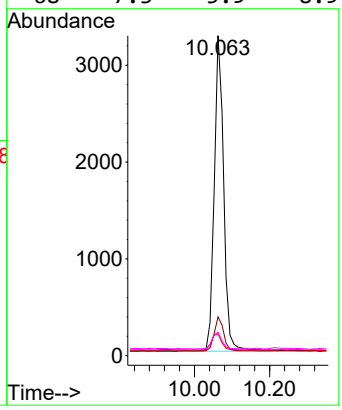


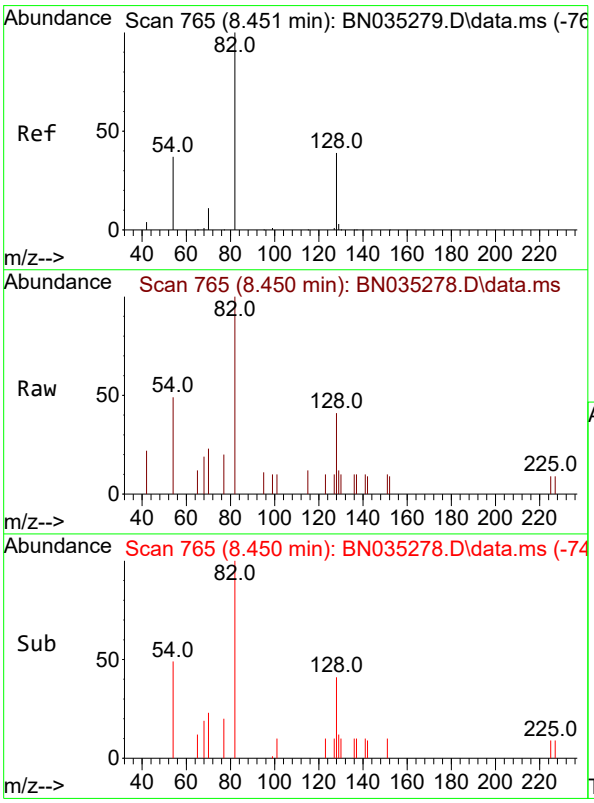
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.063 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 5670

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	6.8	5.3	7.9
68	7.3	5.9	8.9

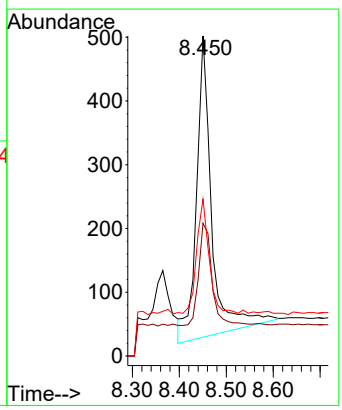


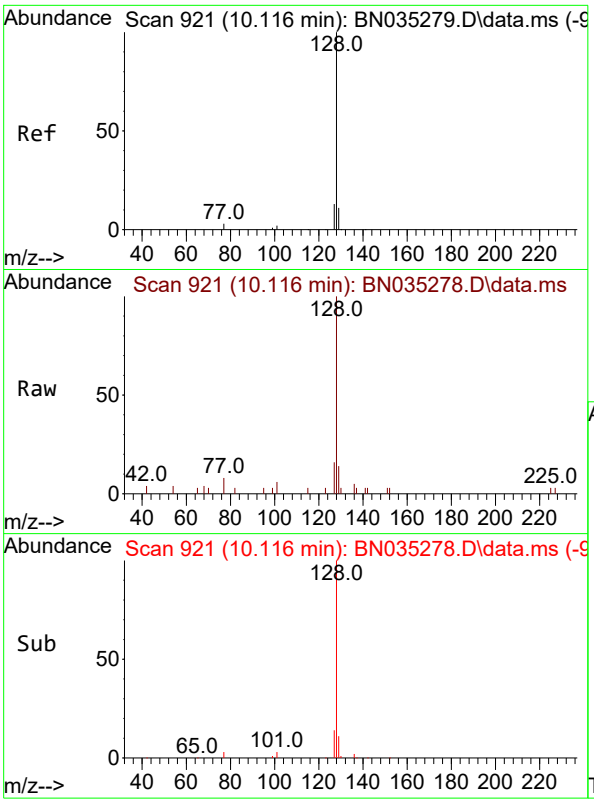


#8
Nitrobenzene-d5
Concen: 0.231 ng
RT: 8.450 min Scan# 765
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion: 82 Resp: 1060

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.0	49.4
54	49.0	33.3	49.9



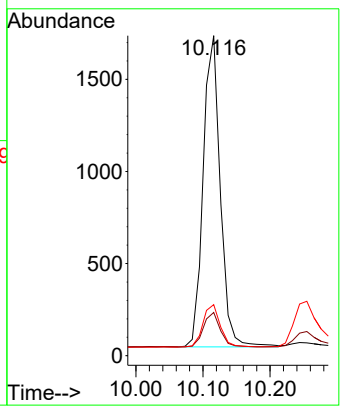


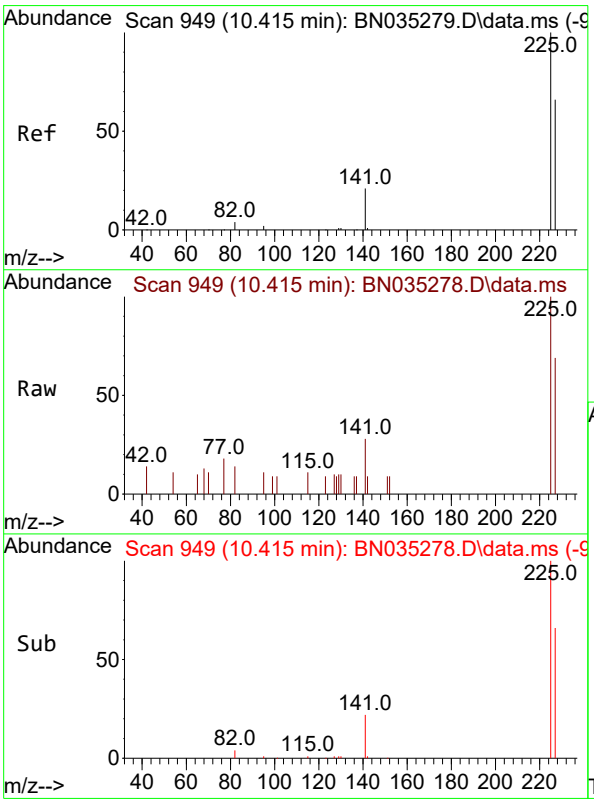
#9
Naphthalene
Concen: 0.190 ng
RT: 10.116 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 2990

Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.6	14.4
127	15.9	11.3	16.9

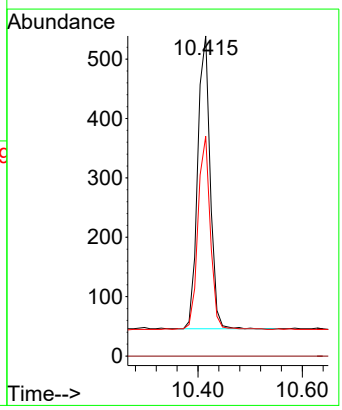


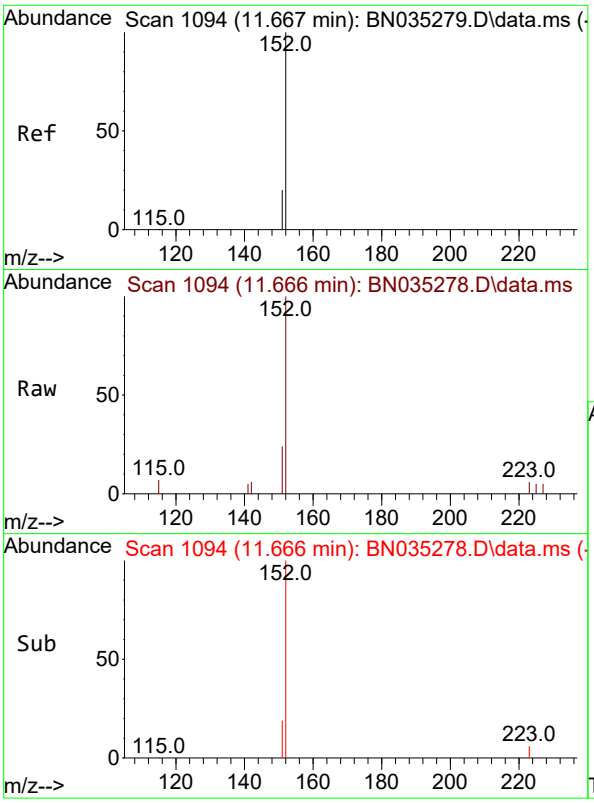


#10
Hexachlorobutadiene
Concen: 0.185 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:225 Resp: 818

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	51.3	76.9



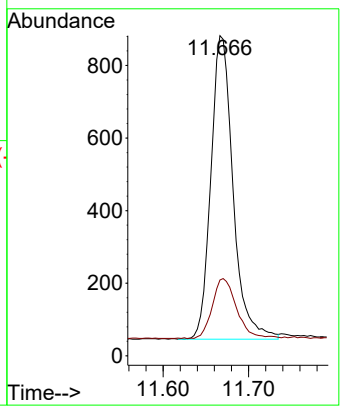


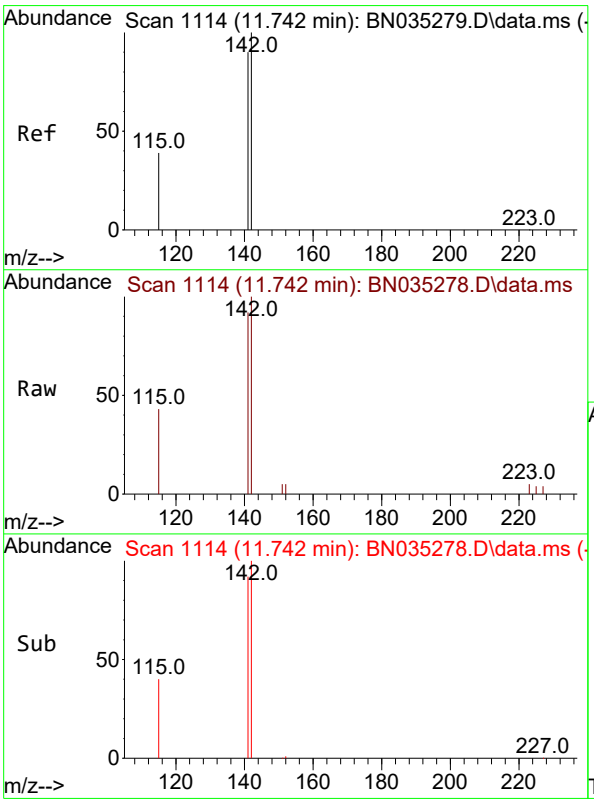
#11
2-Methylnaphthalene-d10
Concen: 0.190 ng
RT: 11.666 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1506

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8

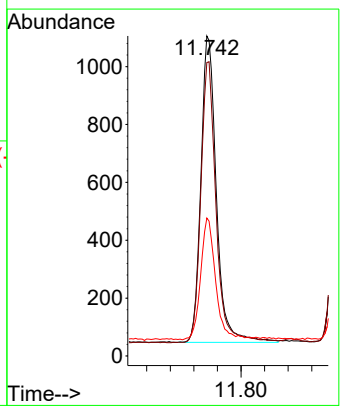


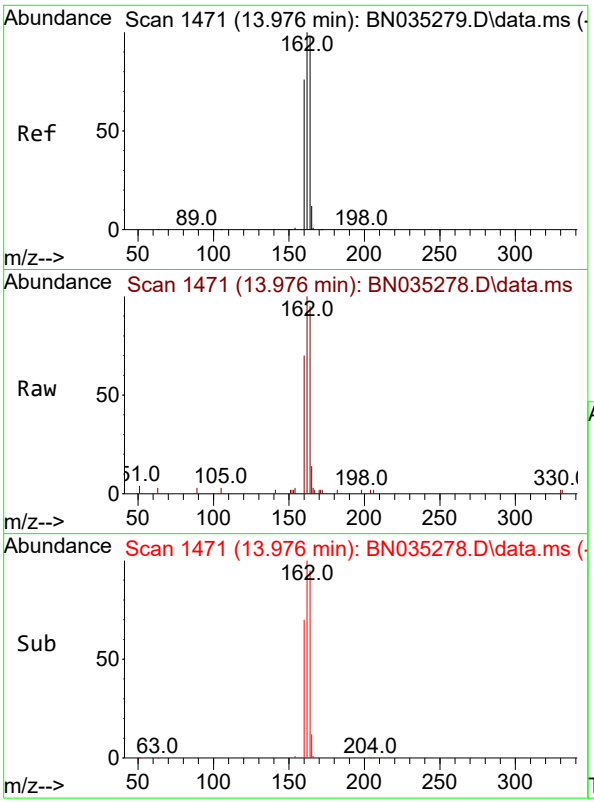


#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:142 Resp: 1929

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.8	107.8
115	43.1	32.6	49.0



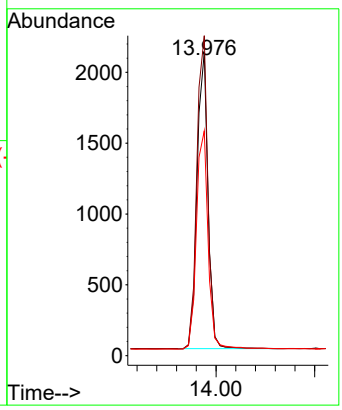


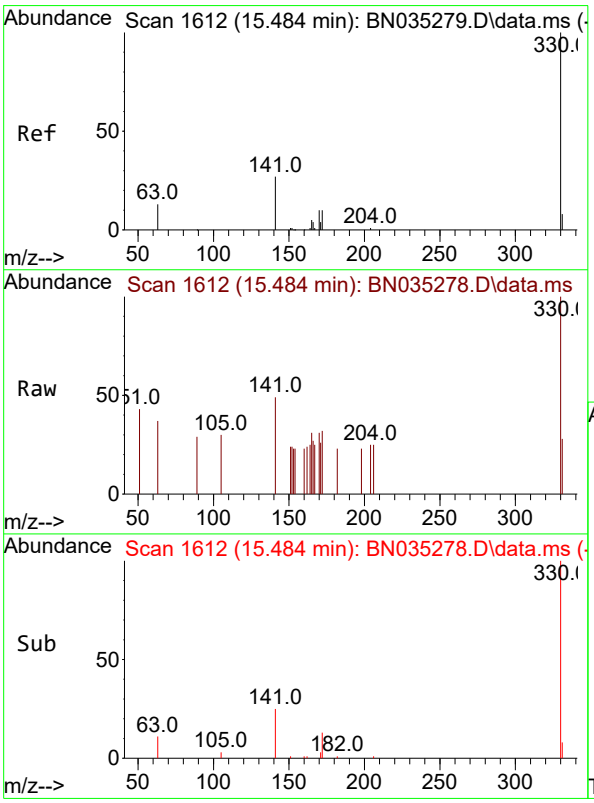
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.976 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 3200

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.0	123.0
160	74.2	63.0	94.4

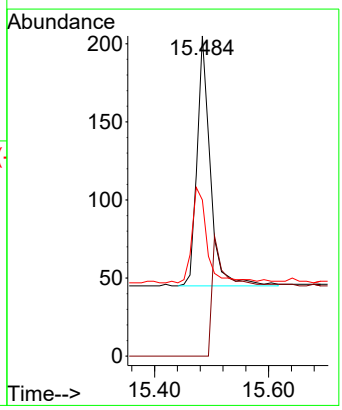


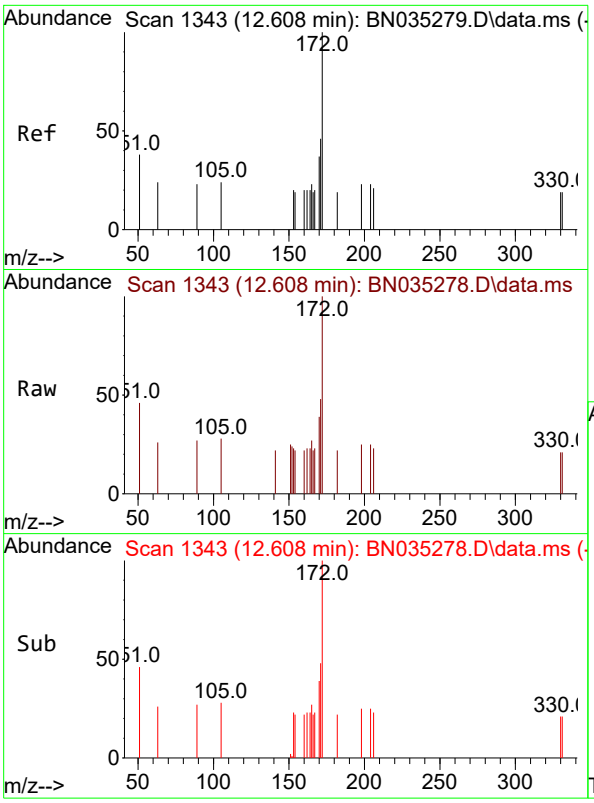


#14
2,4,6-Tribromophenol
Concen: 0.171 ng
RT: 15.484 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:330 Resp: 279

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.4	32.4	48.6



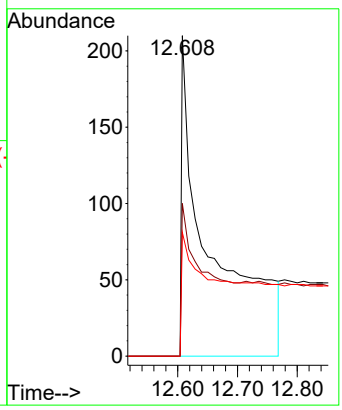


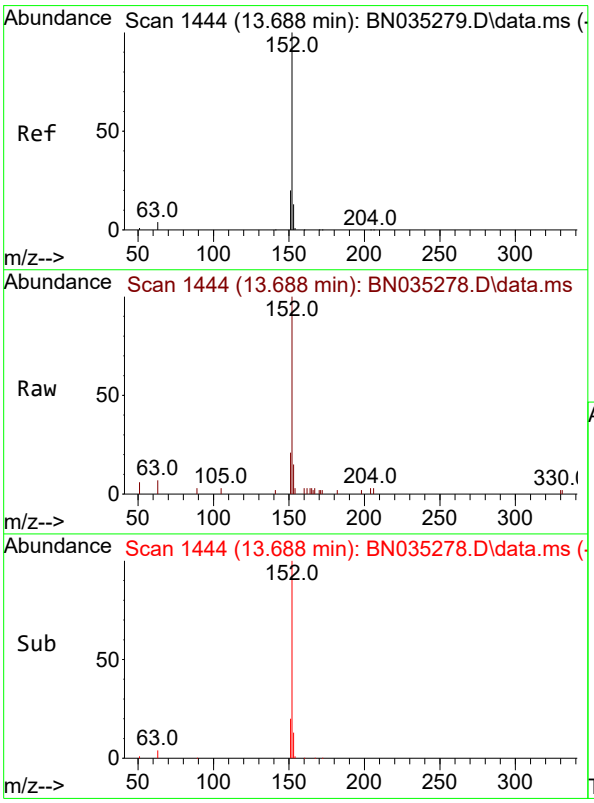
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.608 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 679

Ion	Ratio	Lower	Upper
172	100		
171	47.6	36.6	55.0
170	38.6	29.7	44.5

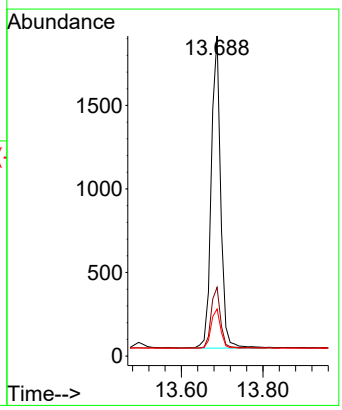


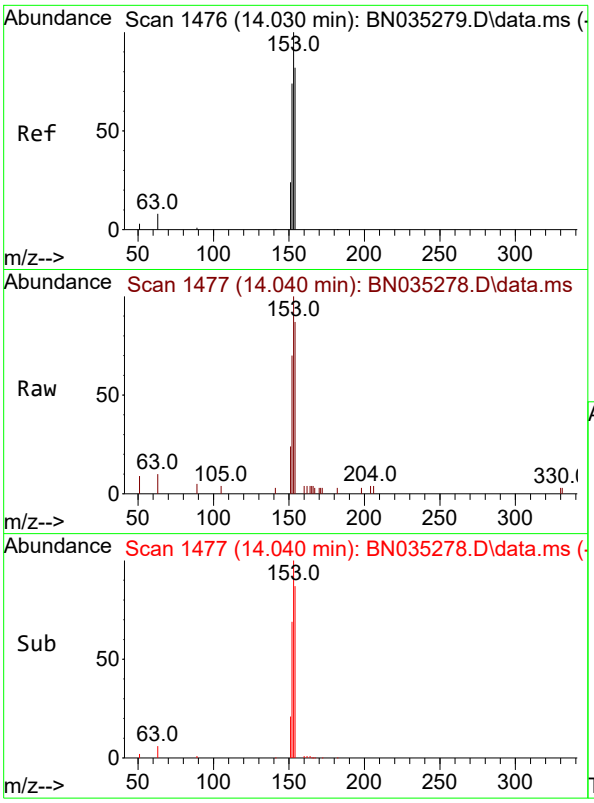


#16
Acenaphthylene
Concen: 0.186 ng
RT: 13.688 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:152 Resp: 2991

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.9	10.2	15.4



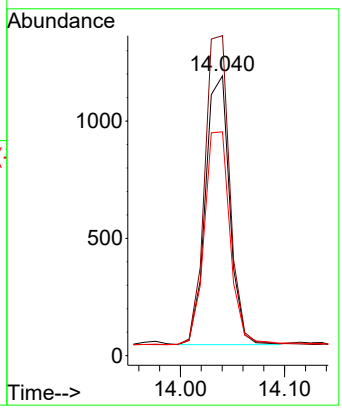


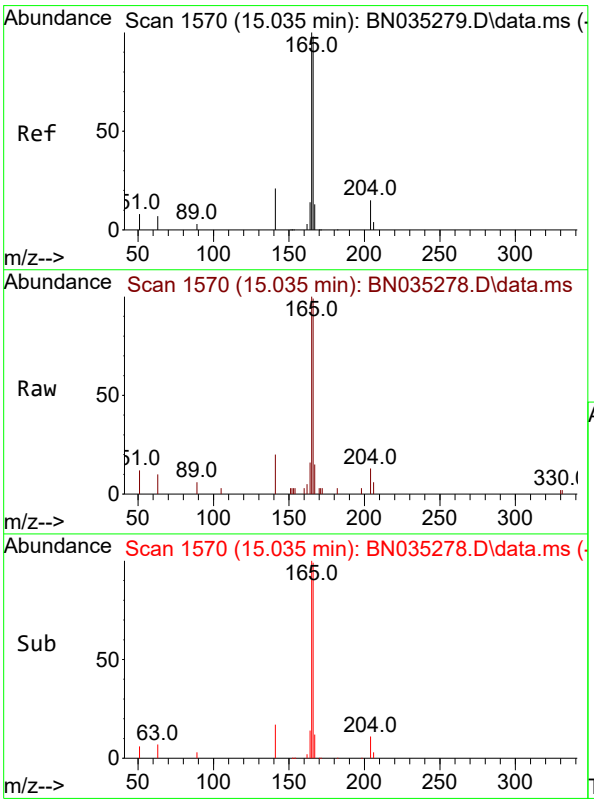
#17
Acenaphthene
Concen: 0.183 ng
RT: 14.040 min Scan# 14
Delta R.T. 0.010 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1852

Ion	Ratio	Lower	Upper
154	100		
153	119.7	96.1	144.1
152	84.6	72.2	108.2

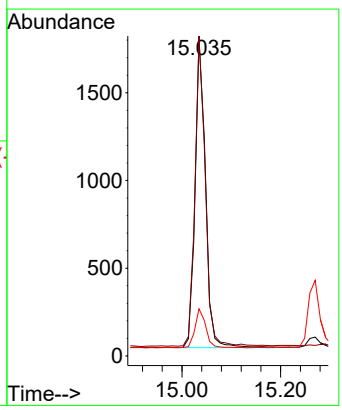


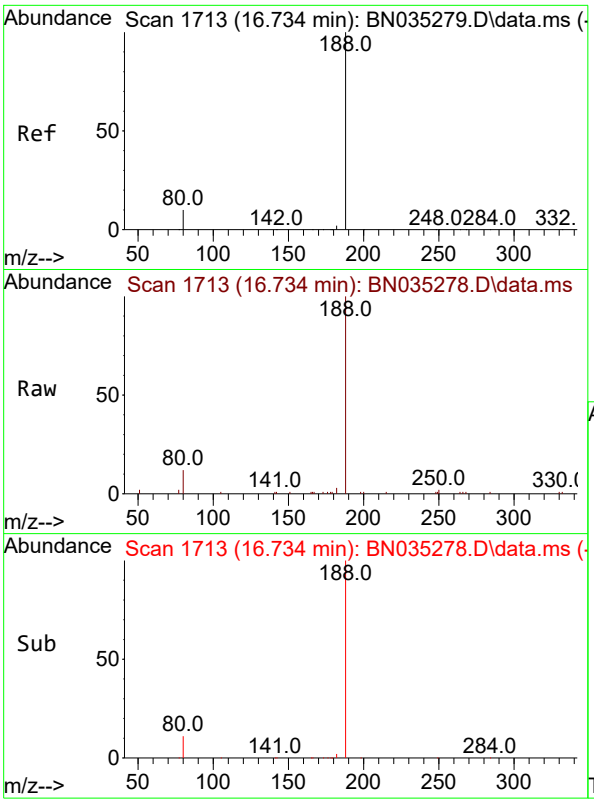


#18
Fluorene
Concen: 0.182 ng
RT: 15.035 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:166 Resp: 2587

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.2	121.8
167	13.2	10.5	15.7



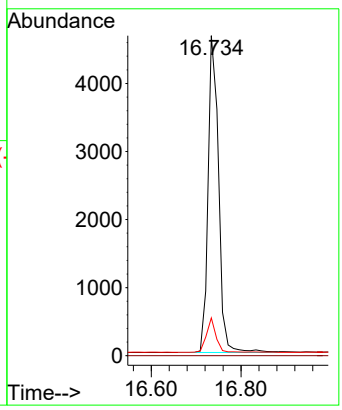


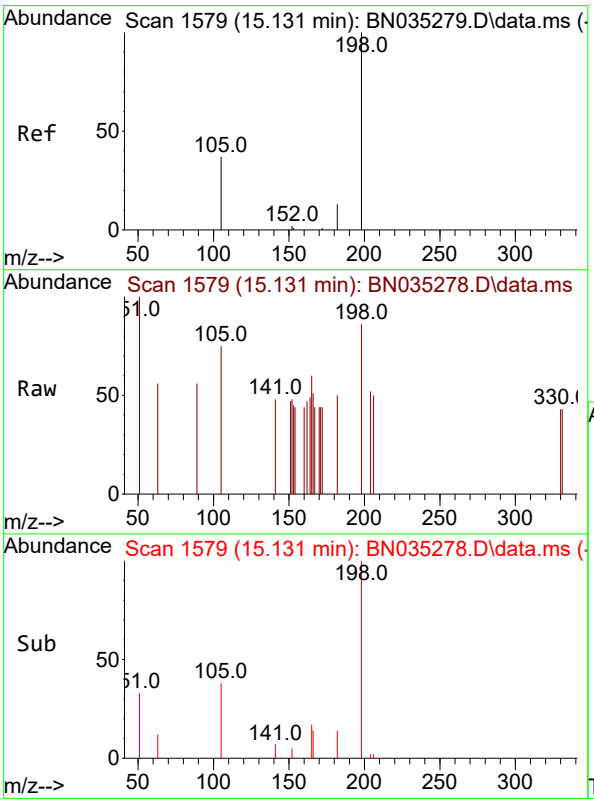
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 7531

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	8.9	13.3

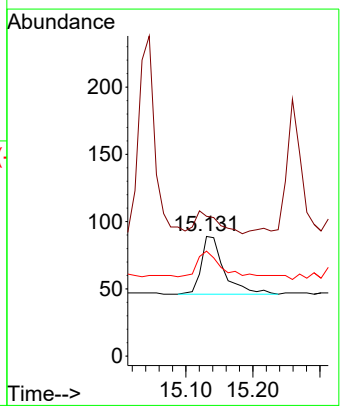


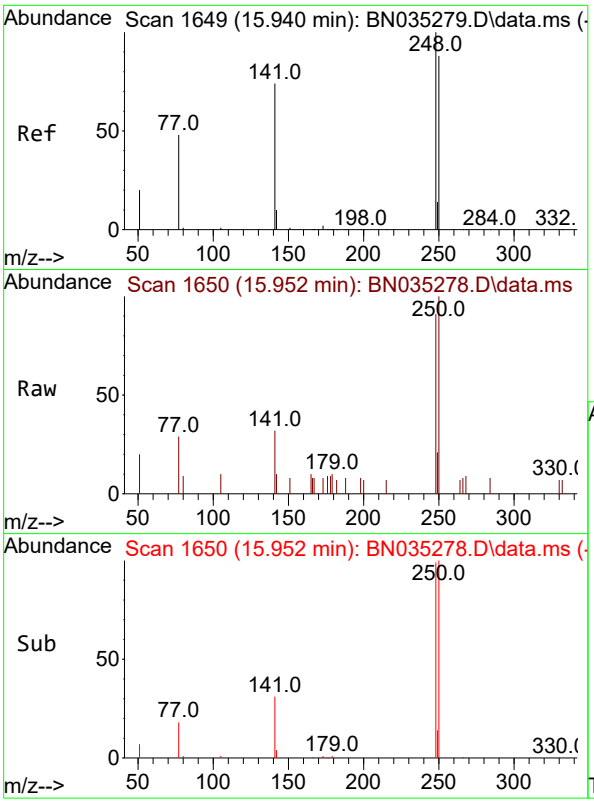


#20
4,6-Dinitro-2-methylphenol
Concen: 0.283 ng
RT: 15.131 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:198 Resp: 102

Ion	Ratio	Lower	Upper
198	100		
51	116.9	53.6	80.4#
105	87.6	47.4	71.2#



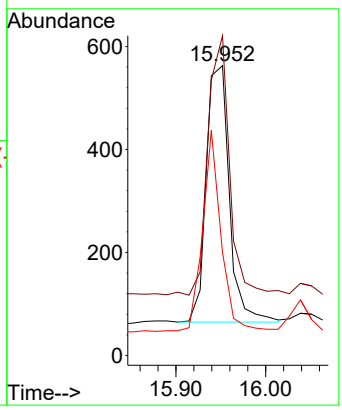


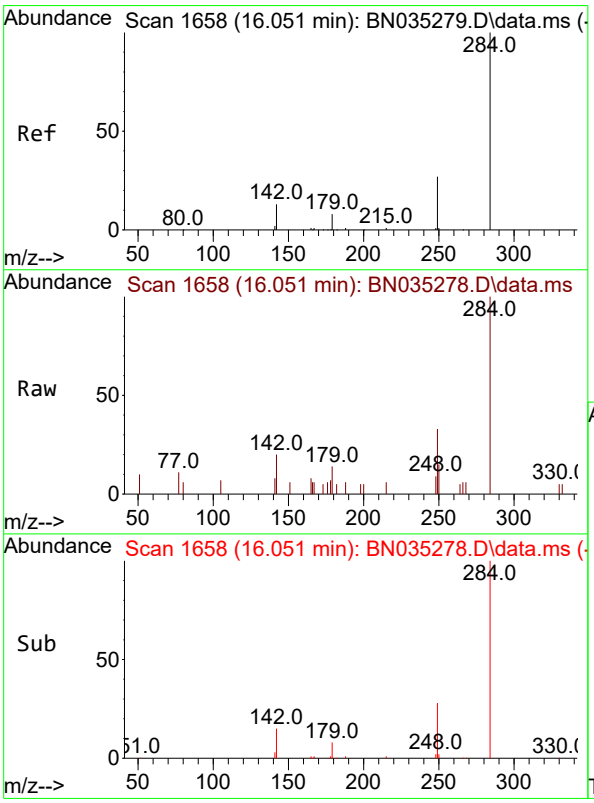
#21
4-Bromophenyl-phenylether
Concen: 0.186 ng
RT: 15.952 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 888

Ion	Ratio	Lower	Upper
248	100		
250	110.3	74.8	112.2
141	35.5	59.0	88.4#

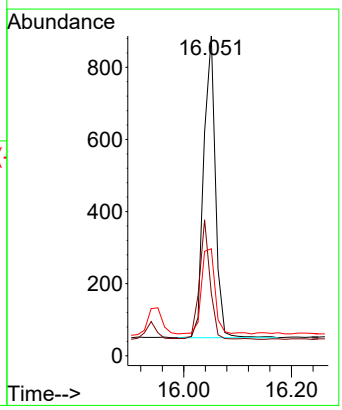


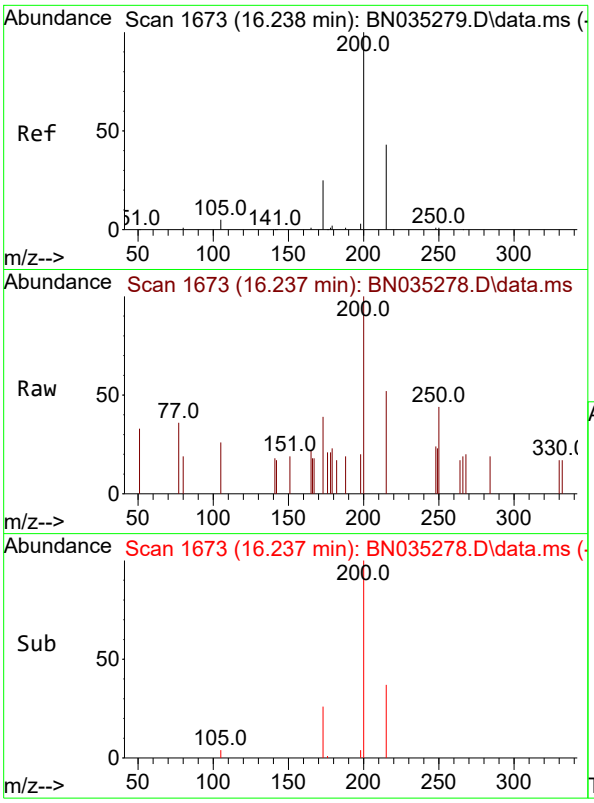


#22
Hexachlorobenzene
Concen: 0.185 ng
RT: 16.051 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:284 Resp: 1264

Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.7	43.1
249	33.8	25.4	38.0



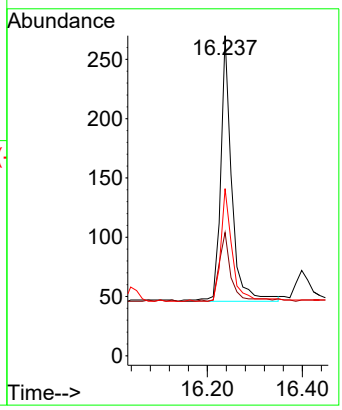


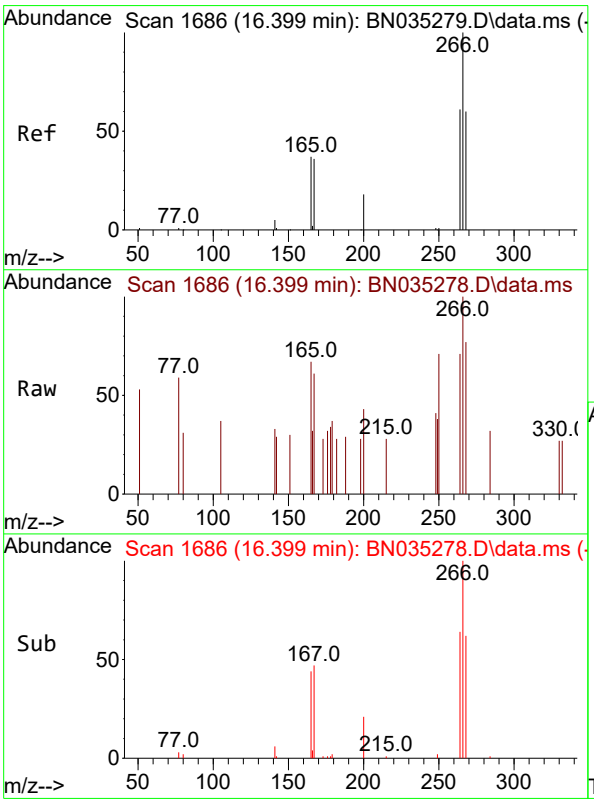
#23
Atrazine
Concen: 0.177 ng
RT: 16.237 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 357

Ion	Ratio	Lower	Upper
200	100		
173	38.5	25.8	38.8
215	52.2	38.6	58.0

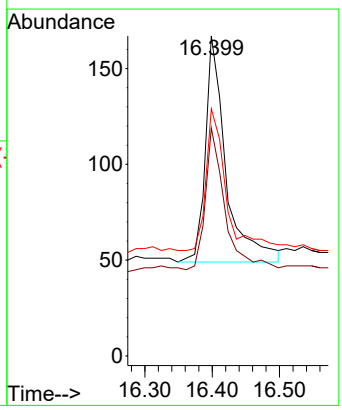


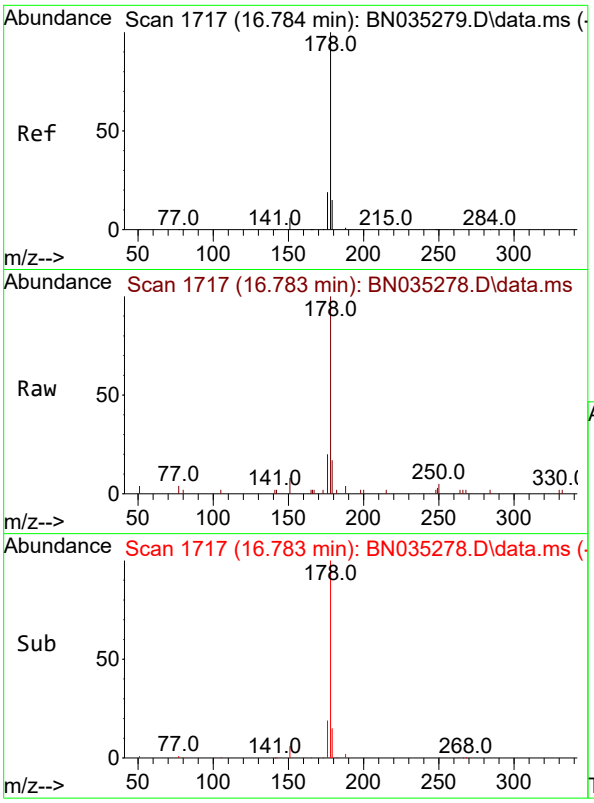


#24
Pentachlorophenol
Concen: 0.154 ng
RT: 16.399 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:266 Resp: 252

Ion	Ratio	Lower	Upper
266	100		
264	59.1	49.3	73.9
268	63.1	48.6	73.0



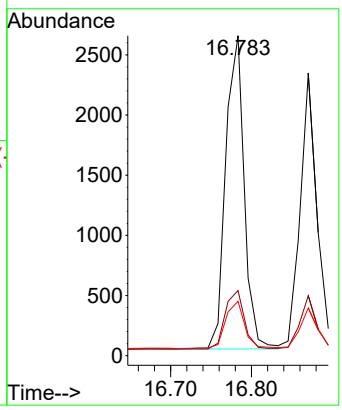


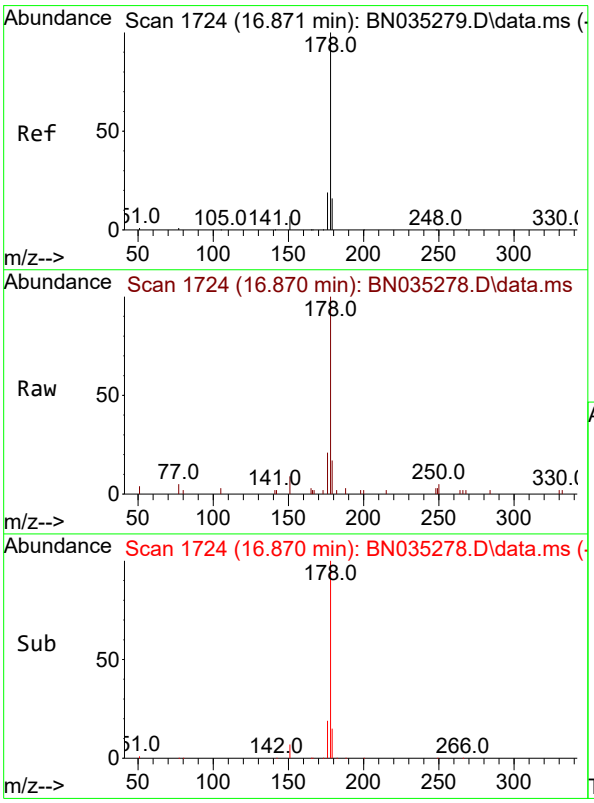
#25
Phenanthrene
Concen: 0.180 ng
RT: 16.783 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 4155

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.6	18.8

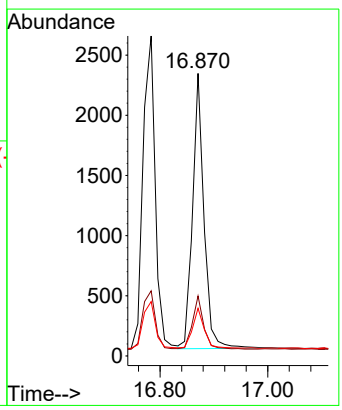


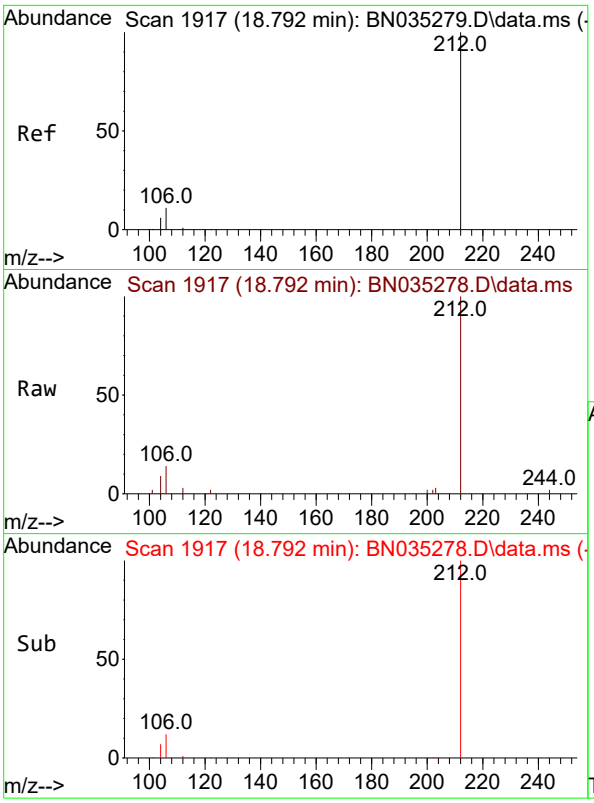


#26
Anthracene
Concen: 0.170 ng
RT: 16.870 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:178 Resp: 3384

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.0	12.4	18.6



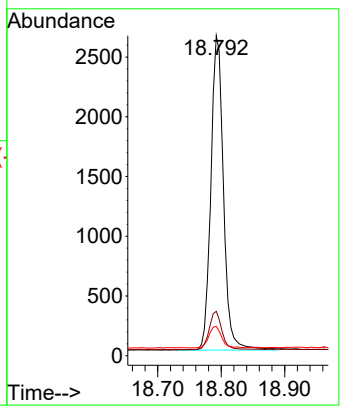


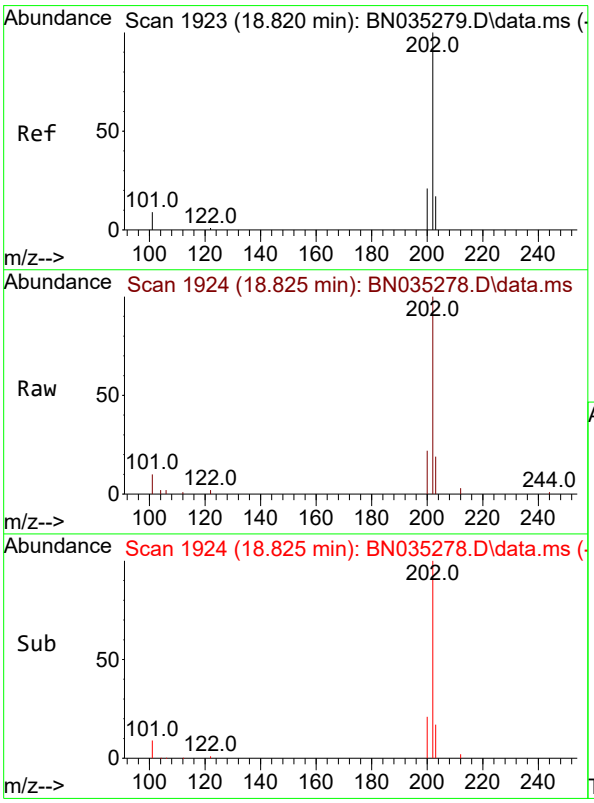
#27
Fluoranthene-d10
Concen: 0.180 ng
RT: 18.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 3625

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.8	14.8
104	6.9	5.6	8.4

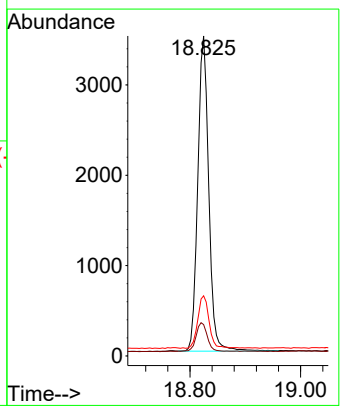


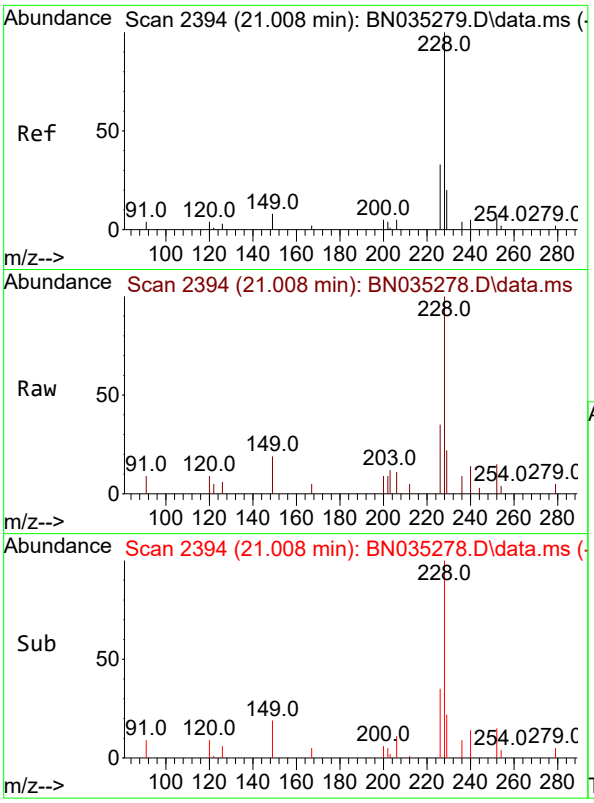


#28
Fluoranthene
Concen: 0.165 ng
RT: 18.825 min Scan# 1924
Delta R.T. 0.005 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:202 Resp: 4828

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.6	11.4
203	17.3	13.8	20.8



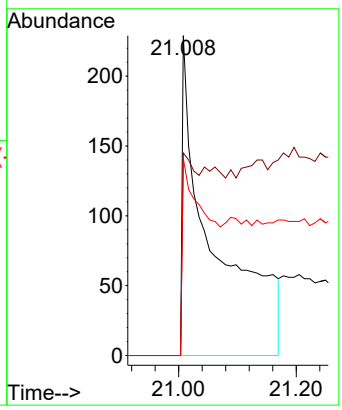


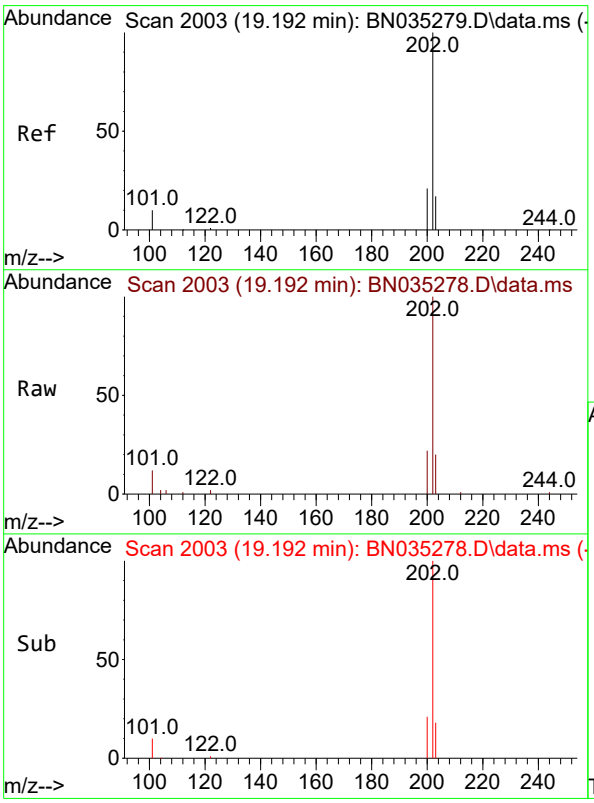
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 797

Ion	Ratio	Lower	Upper
240	100		
120	63.3	54.9	82.3
236	61.6	54.0	81.0

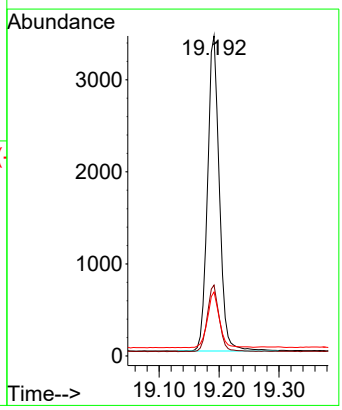


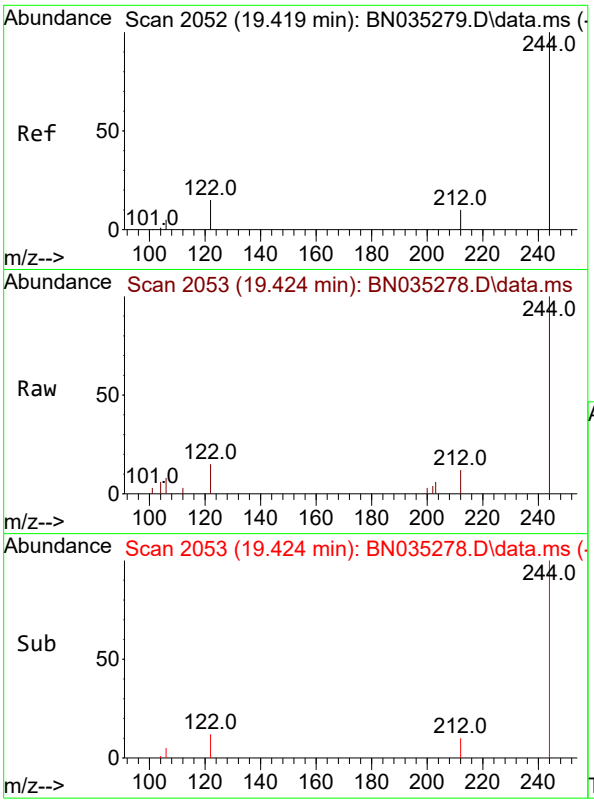


#30
Pyrene
Concen: 0.162 ng
RT: 19.192 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:202 Resp: 4697

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.7	14.4	21.6



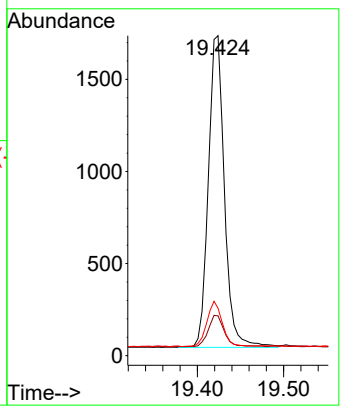


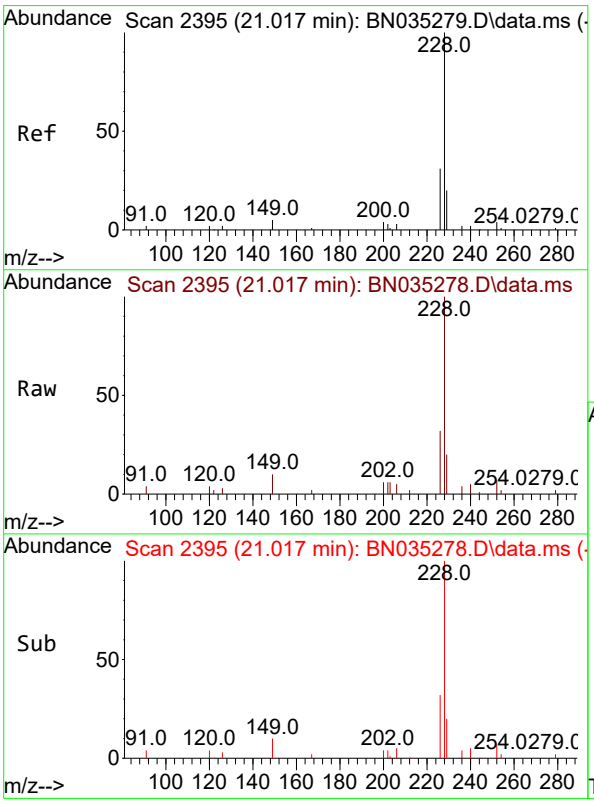
#31
Terphenyl-d14
Concen: 0.149 ng
RT: 19.424 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 2197

Ion	Ratio	Lower	Upper
244	100		
212	12.4	9.4	14.0
122	14.9	13.0	19.4

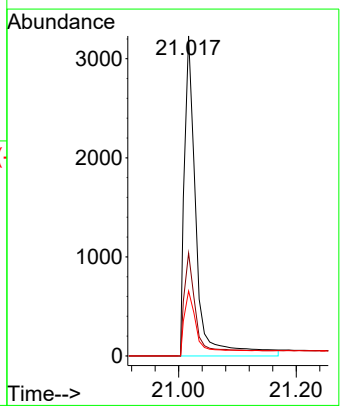


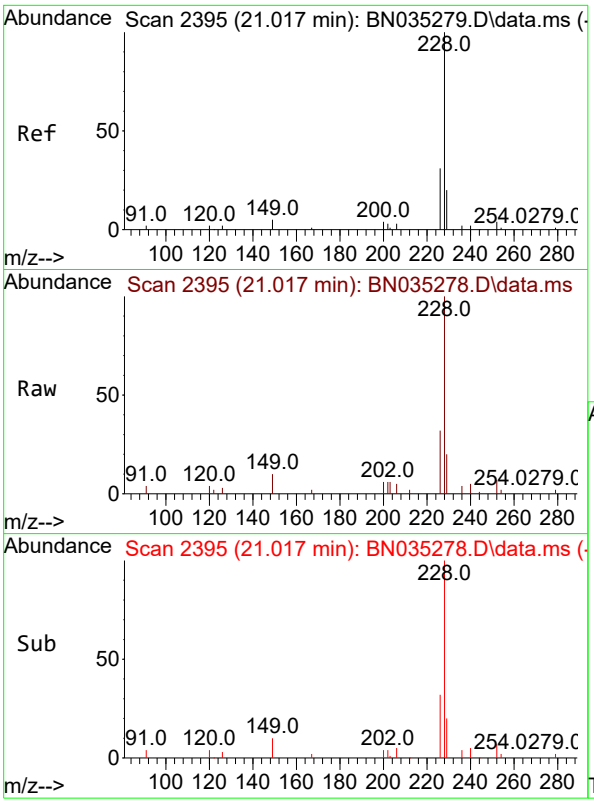


#32
Benzo(a)anthracene
Concen: 0.161 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:228 Resp: 4459

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	20.3	16.2	24.2



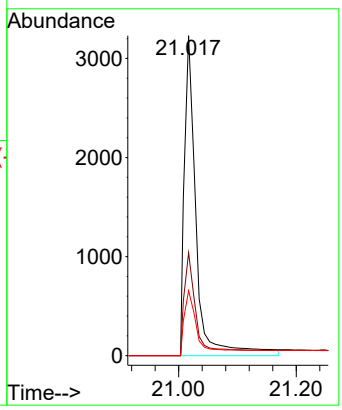


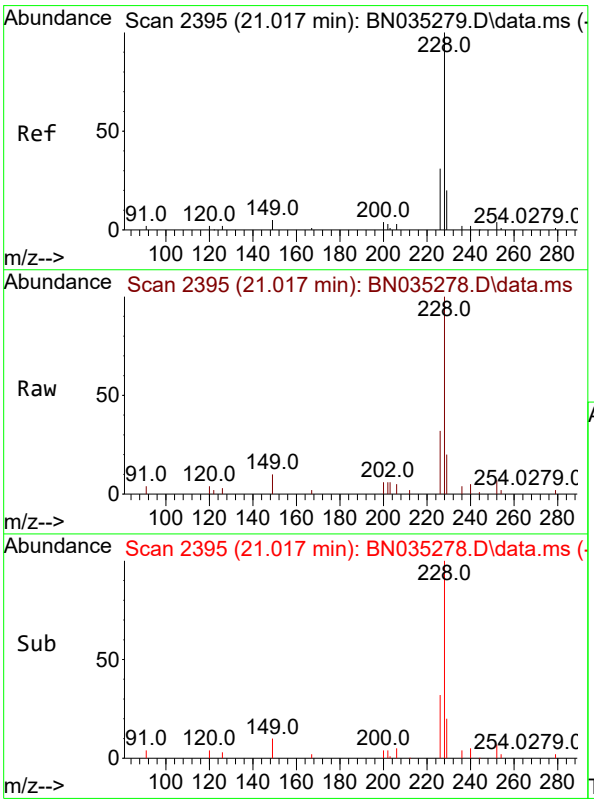
#33
Chrysene
Concen: 0.161 ng
RT: 21.017 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 4459

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	20.3	16.2	24.2

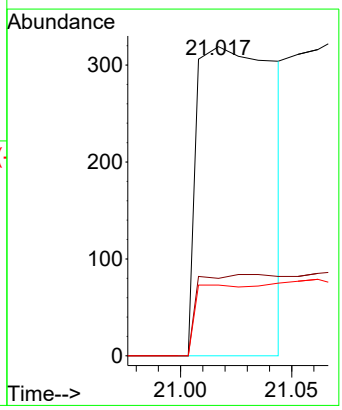


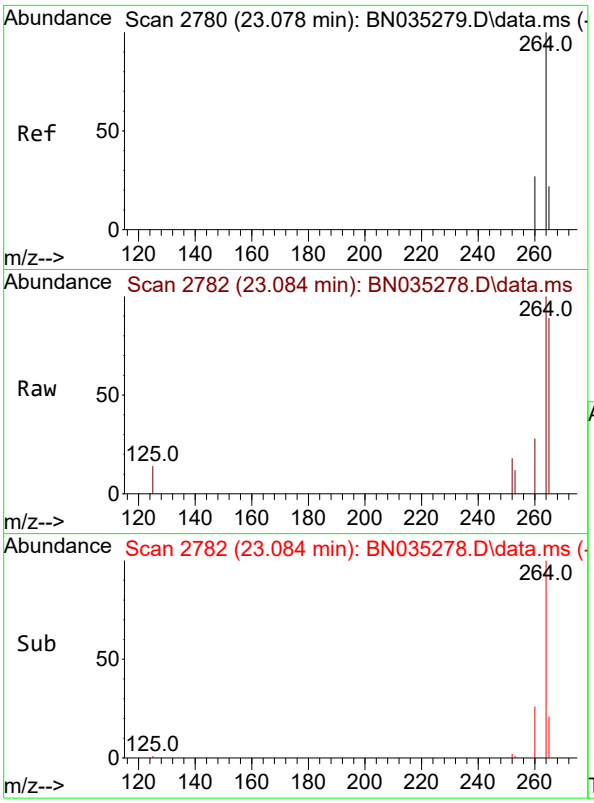


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:149 Resp: 696

Ion	Ratio	Lower	Upper
149	100		
167	26.7	0.0	0.0#
279	12.8	13.0	19.6#



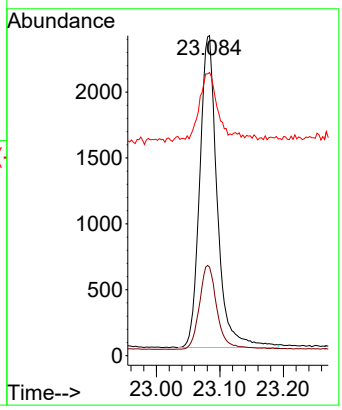


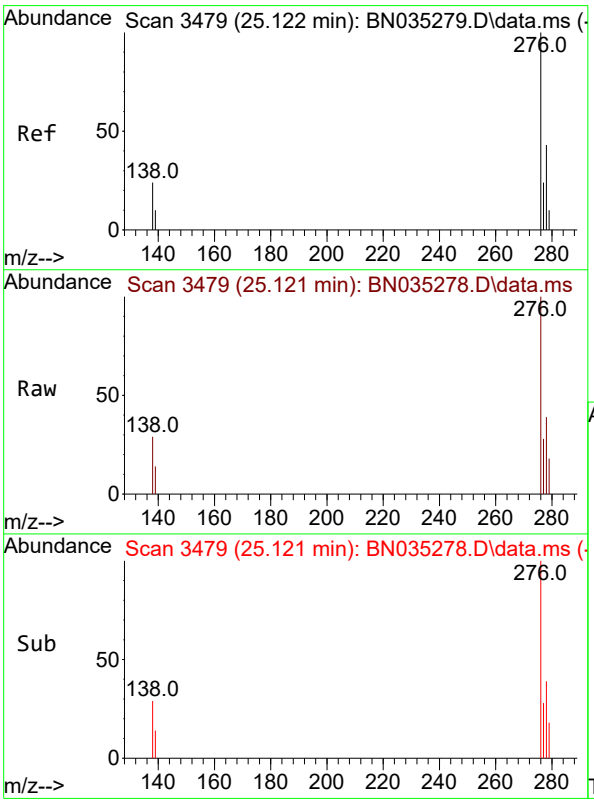
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.084 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 4527

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.3	33.5
265	88.5	68.6	103.0

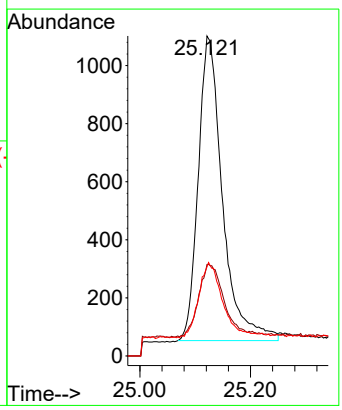


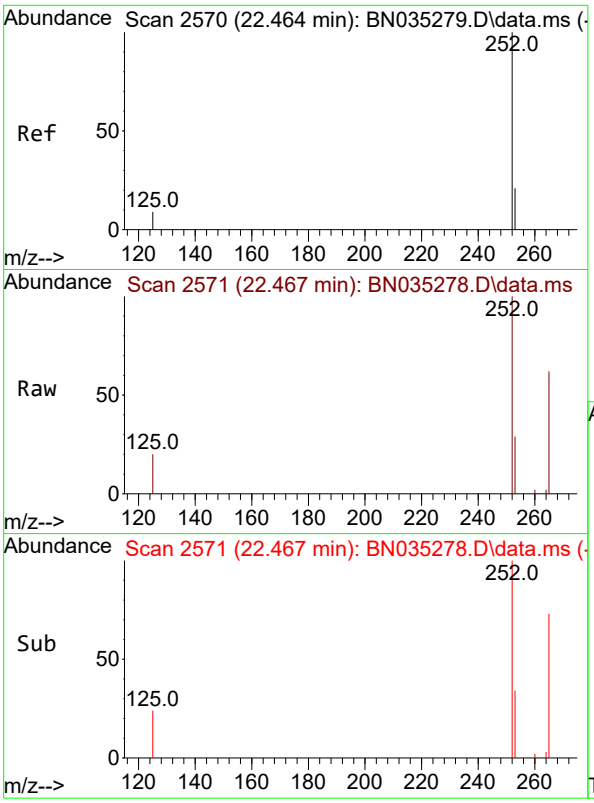


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng
RT: 25.121 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:276 Resp: 3191

Ion	Ratio	Lower	Upper
276	100		
138	23.2	18.8	28.2
277	23.0	18.2	27.4



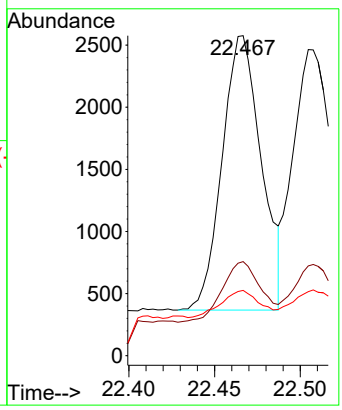


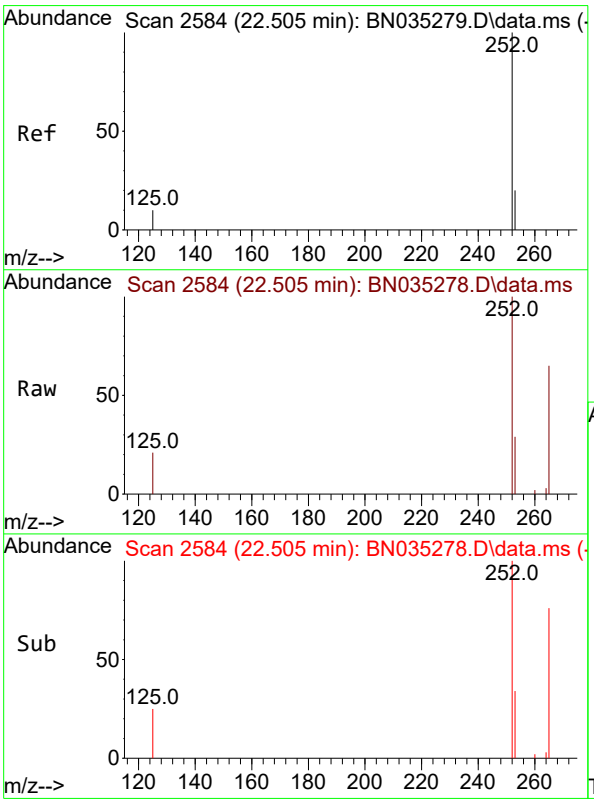
#37
Benzo(b)fluoranthene
Concen: 0.179 ng
RT: 22.467 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3513

Ion	Ratio	Lower	Upper
252	100		
253	29.4	20.2	30.2
125	20.4	12.0	18.0#

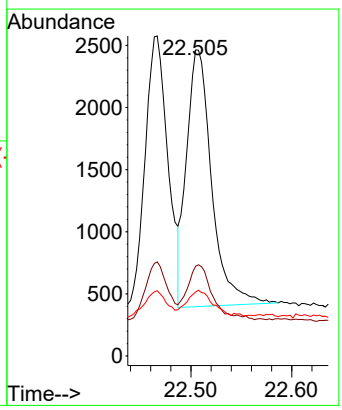


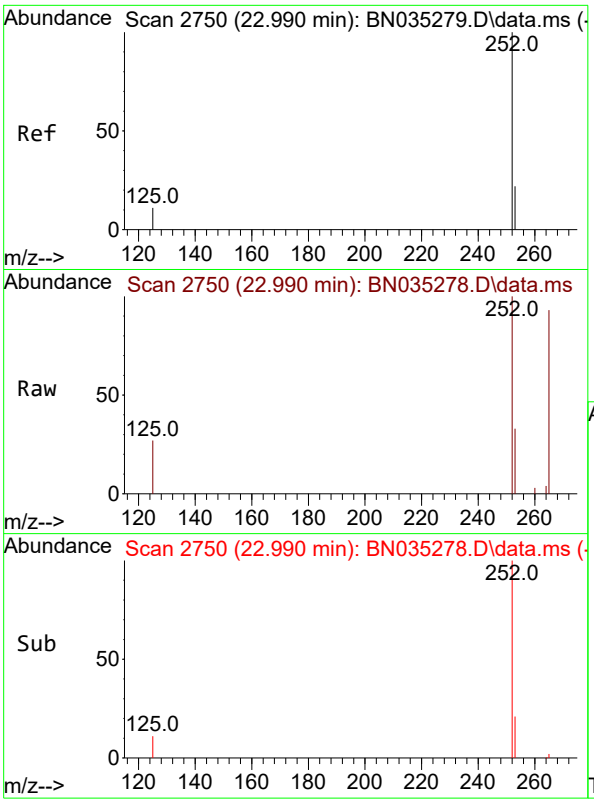


#38
Benzo(k)fluoranthene
Concen: 0.172 ng
RT: 22.505 min Scan# 2584
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:252 Resp: 3588

Ion	Ratio	Lower	Upper
252	100		
253	29.3	20.1	30.1
125	20.9	12.7	19.1#



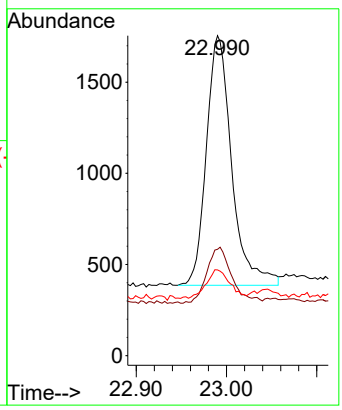


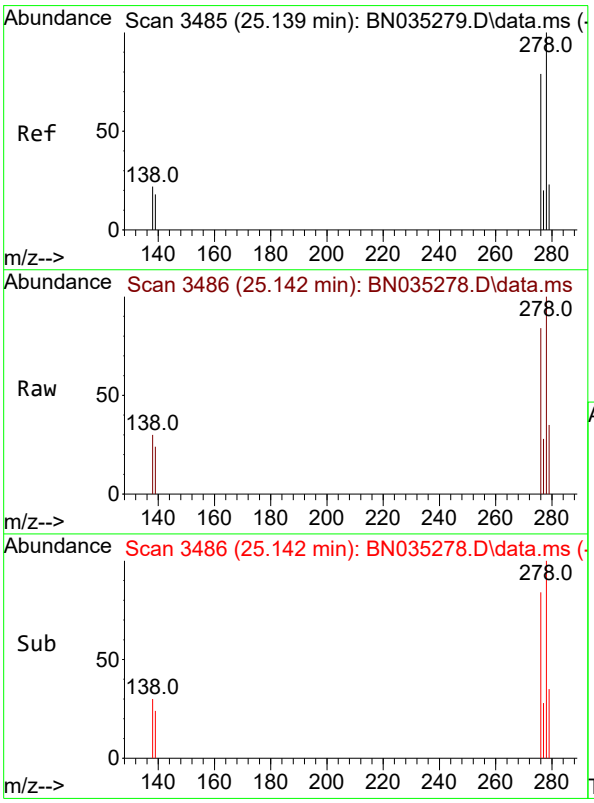
#39
Benzo(a)pyrene
Concen: 0.178 ng
RT: 22.990 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2673

Ion	Ratio	Lower	Upper
252	100		
253	33.2	22.3	33.5
125	26.8	15.3	22.9#

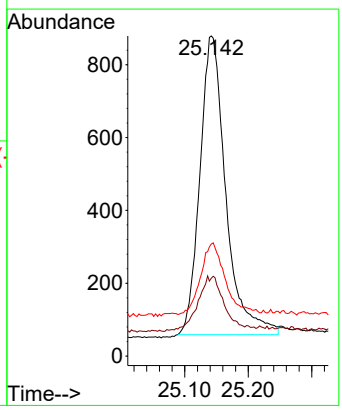


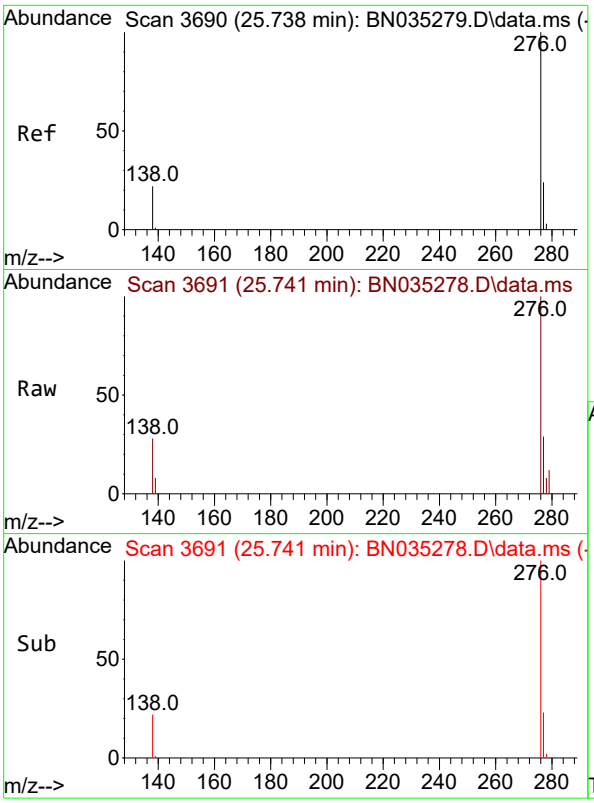


#40
Dibenzo(a,h)anthracene
Concen: 0.166 ng
RT: 25.142 min Scan# 3486
Delta R.T. 0.003 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Tgt Ion:278 Resp: 2328

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.0	25.6
279	35.0	23.0	34.4#





#41
Benzo(g,h,i)perylene
Concen: 0.183 ng
RT: 25.741 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN035278.D
Acq: 25 Nov 2024 10:52

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 2967

Ion	Ratio	Lower	Upper
276	100		
277	28.6	21.1	31.7
138	27.6	19.8	29.8