Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026776.D
Acq On : 01 Aug 2023 10:05
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 02 00:25:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:20:57 2023
Response via : Initial Calibration

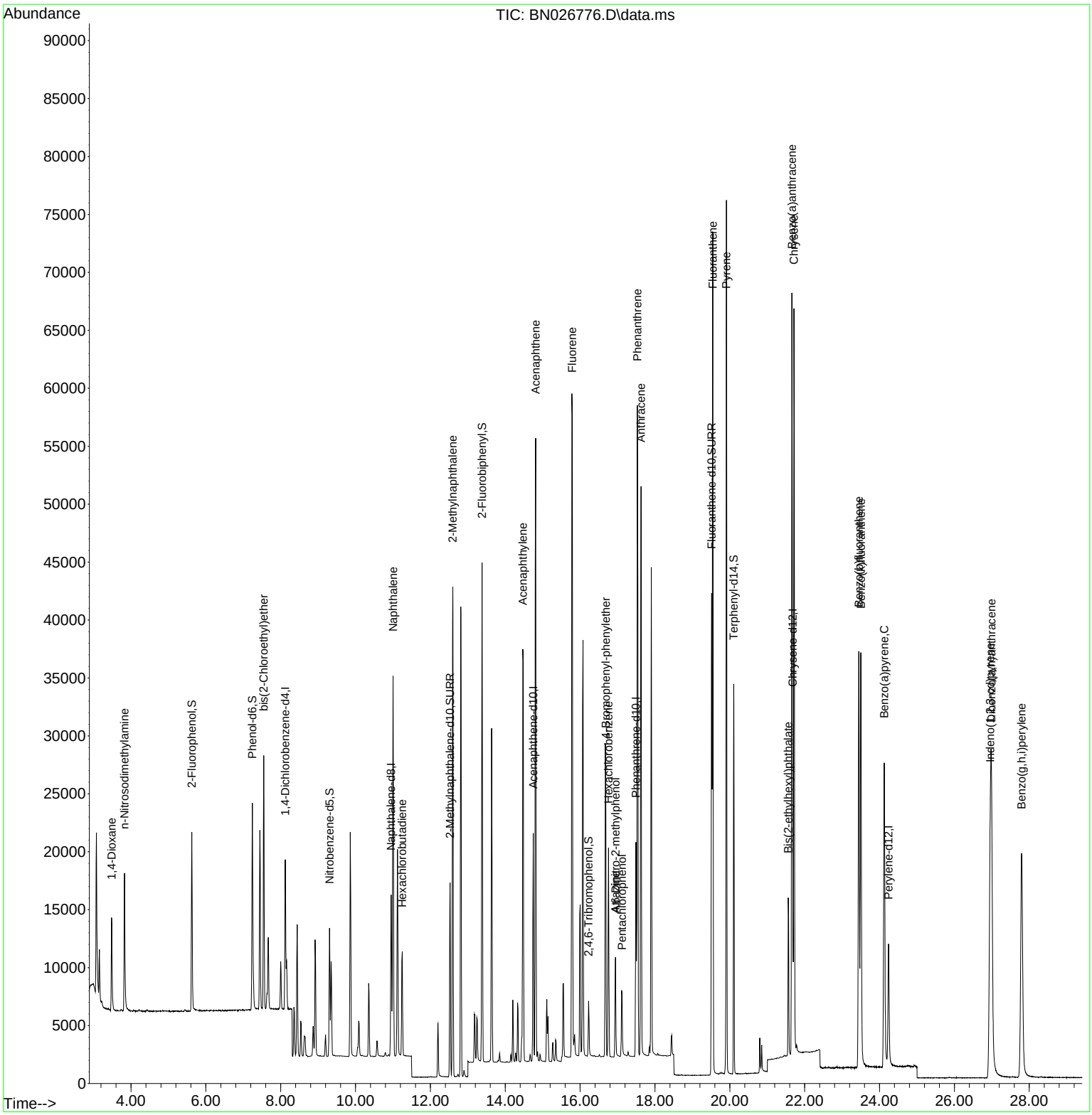
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	6315	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	18436	0.400	ng		0.00
13) Acenaphthene-d10	14.747	164	10720	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	23393	0.400	ng		0.00
29) Chrysene-d12	21.676	240	18470	0.400	ng		0.00
35) Perylene-d12	24.241	264	16001	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	13262	0.829	ng		0.00
5) Phenol-d6	7.243	99	17051	0.823	ng		0.00
8) Nitrobenzene-d5	9.304	82	8592	0.787	ng		0.00
11) 2-Methylnaphthalene-d10	12.525	152	21707	0.821	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	2737	0.750	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	35300	0.807	ng		0.00
27) Fluoranthene-d10	19.514	212	45199	0.805	ng		0.00
31) Terphenyl-d14	20.104	244	31118	0.808	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	6080	0.825	ng		99
3) n-Nitrosodimethylamine	3.826	42	6952	0.845	ng		100
6) bis(2-Chloroethyl)ether	7.546	93	15429	0.826	ng		99
9) Naphthalene	11.002	128	41633	0.821	ng		99
10) Hexachlorobutadiene	11.248	225	7609	0.828	ng	#	99
12) 2-Methylnaphthalene	12.596	142	28374	0.820	ng		99
16) Acenaphthylene	14.469	152	42687	0.806	ng		100
17) Acenaphthene	14.811	154	27146	0.817	ng		100
18) Fluorene	15.792	166	35457	0.819	ng		99
20) 4,6-Dinitro-2-methylph...	16.946	198	306	0.808	ng	#	69
21) 4-Bromophenyl-phenylether	16.685	248	11441	0.809	ng		96
22) Hexachlorobenzene	16.760	284	13400	0.829	ng		99
23) Atrazine	16.946	200	7156	0.766	ng		98
24) Pentachlorophenol	17.120	266	3311	0.793	ng		99
25) Phenanthrene	17.530	178	58203	0.819	ng		100
26) Anthracene	17.629	178	50917	0.802	ng		100
28) Fluoranthene	19.546	202	64718	0.818	ng		100
30) Pyrene	19.908	202	66306	0.831	ng		100
32) Benzo(a)anthracene	21.659	228	51547	0.813	ng		99
33) Chrysene	21.712	228	58173	0.830	ng		100
34) Bis(2-ethylhexyl)phtha...	21.560	149	14519	0.691	ng		99
36) Indeno(1,2,3-cd)pyrene	26.957	276	52626	0.806	ng		100
37) Benzo(b)fluoranthene	23.446	252	50862	0.795	ng		98
38) Benzo(k)fluoranthene	23.501	252	53229	0.830	ng		99
39) Benzo(a)pyrene	24.124	252	46609	0.812	ng		97
40) Dibenzo(a,h)anthracene	26.989	278	41005	0.809	ng		99
41) Benzo(g,h,i)perylene	27.796	276	49658	0.827	ng		100

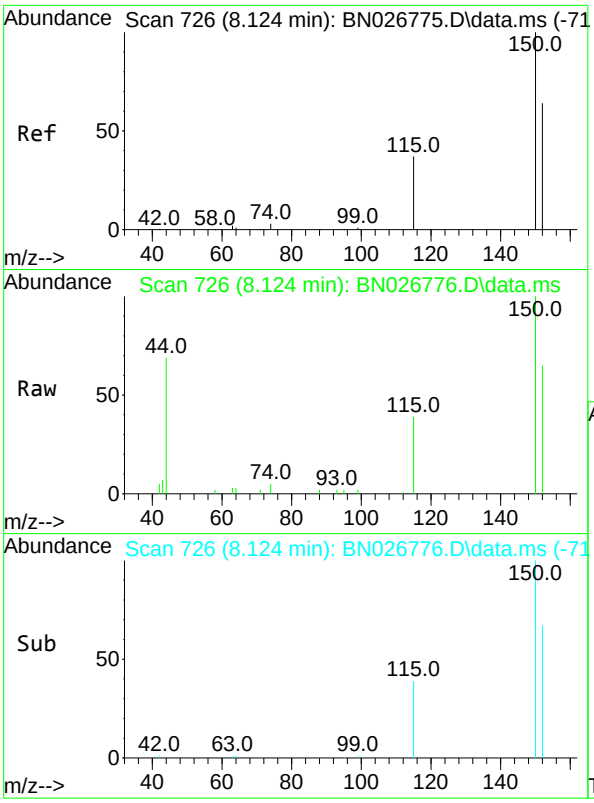
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026776.D
Acq On : 01 Aug 2023 10:05
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Aug 02 00:25:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:20:57 2023
Response via : Initial Calibration



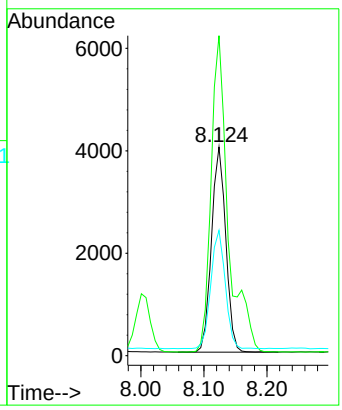


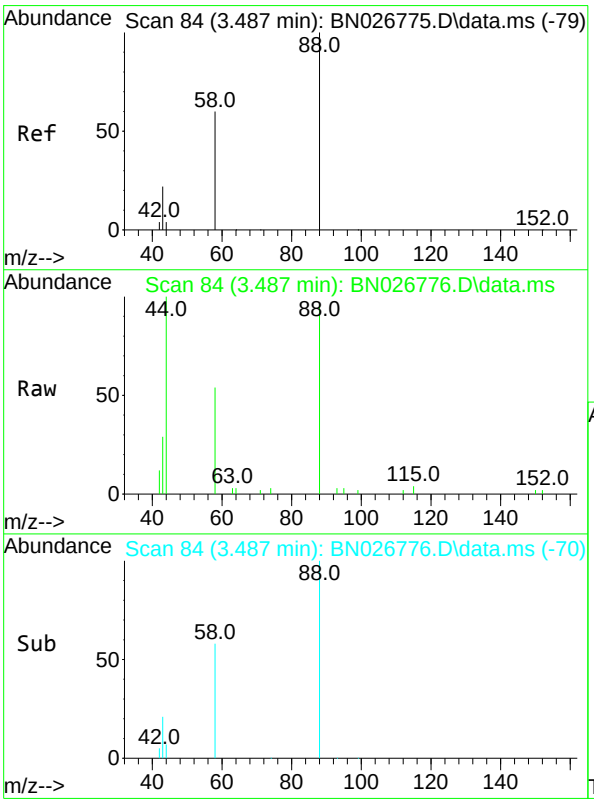
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.124 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 6315

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.8
115	60.0	48.0	72.0

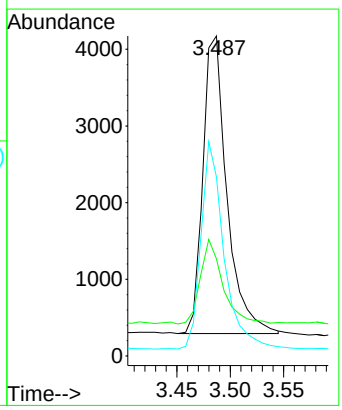


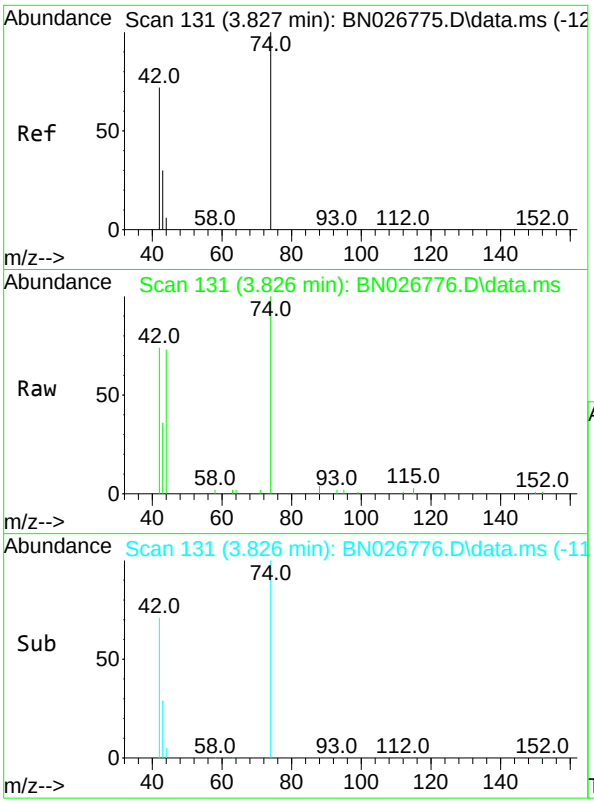


#2
1,4-Dioxane
Concen: 0.825 ng
RT: 3.487 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion: 88 Resp: 6080

Ion	Ratio	Lower	Upper
88	100		
43	26.2	21.7	32.5
58	66.8	53.3	79.9



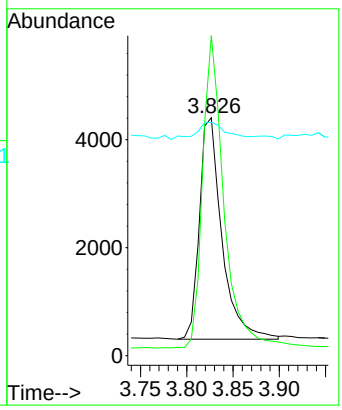


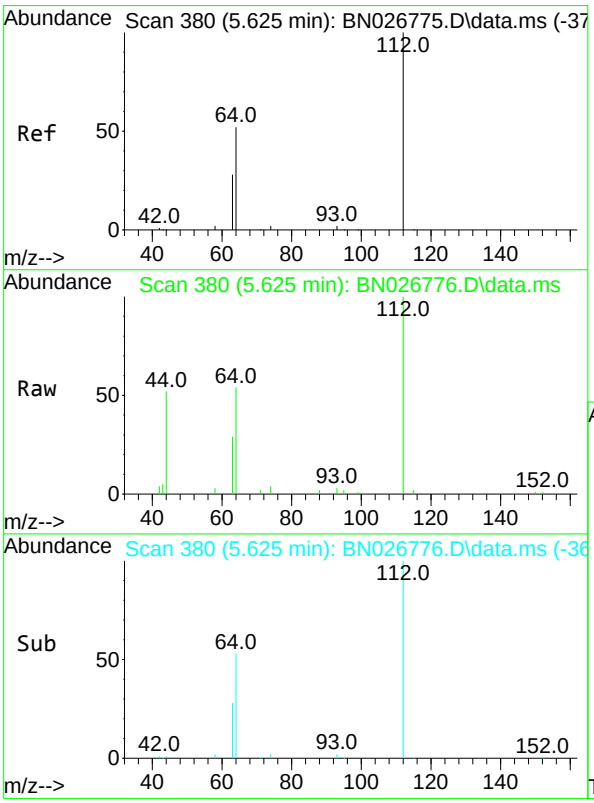
#3
n-Nitrosodimethylamine
Concen: 0.845 ng
RT: 3.826 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 6952

Ion	Ratio	Lower	Upper
42	100		
74	132.9	106.4	159.6
44	10.4	7.3	10.9

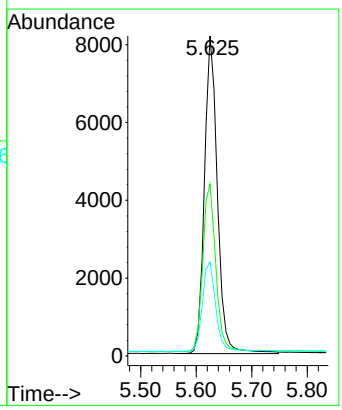


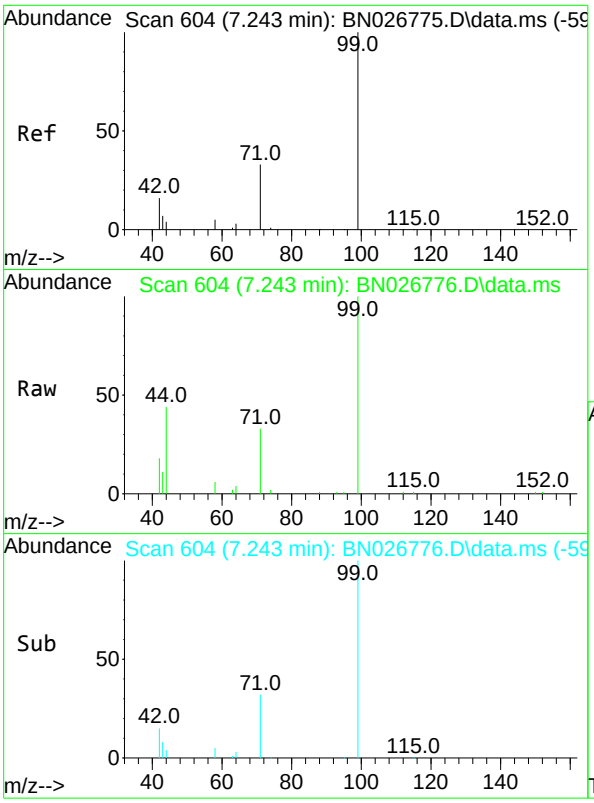


#4
2-Fluorophenol
Concen: 0.829 ng
RT: 5.625 min Scan# 380
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:112 Resp: 13262

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.2	63.2
63	28.4	22.7	34.1



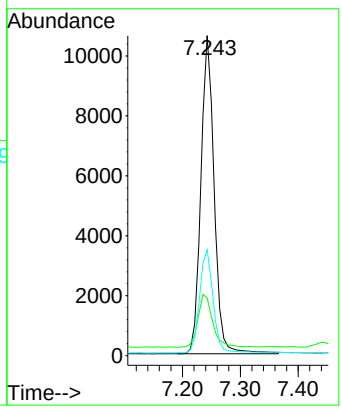


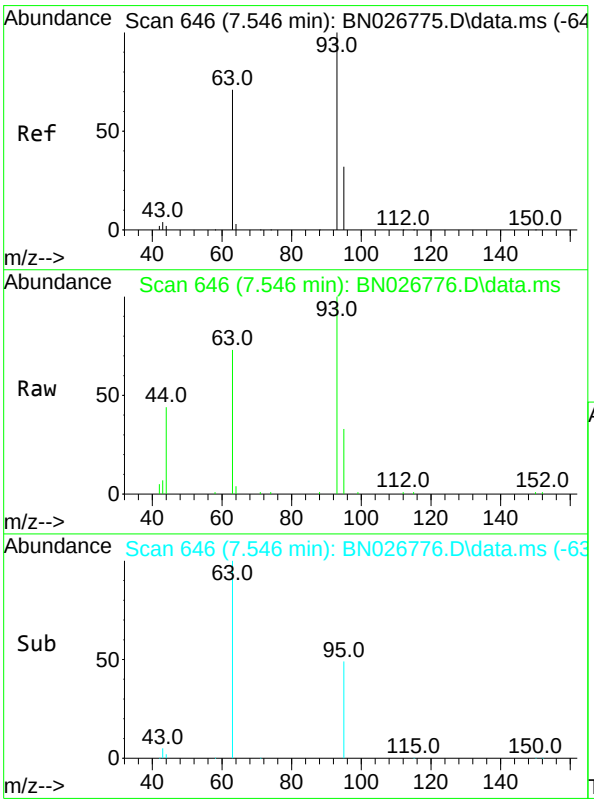
#5
Phenol-d6
Concen: 0.823 ng
RT: 7.243 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 17051

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	33.2	26.6	40.0

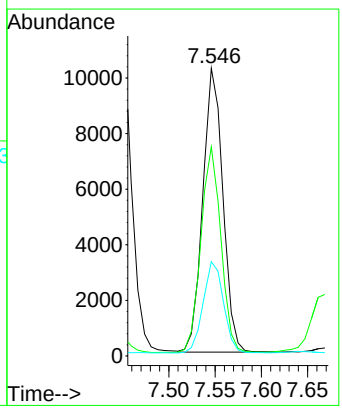


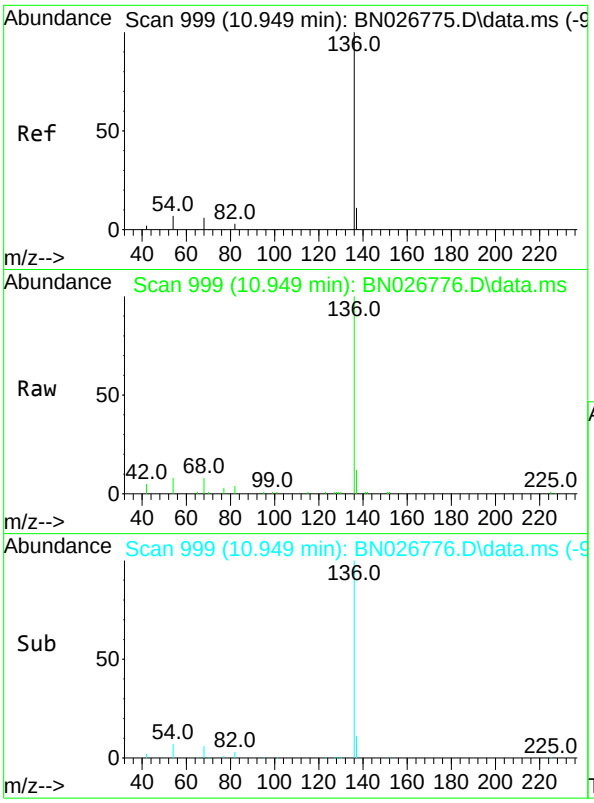


#6
bis(2-Chloroethyl)ether
Concen: 0.826 ng
RT: 7.546 min Scan# 646
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion: 93 Resp: 15429

Ion	Ratio	Lower	Upper
93	100		
63	71.9	56.7	85.1
95	32.5	25.9	38.9



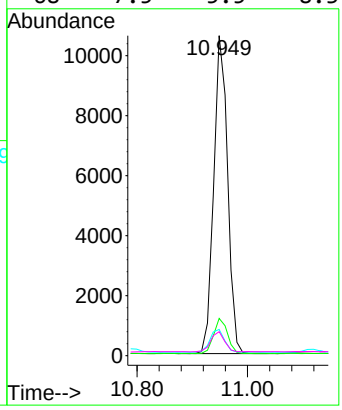


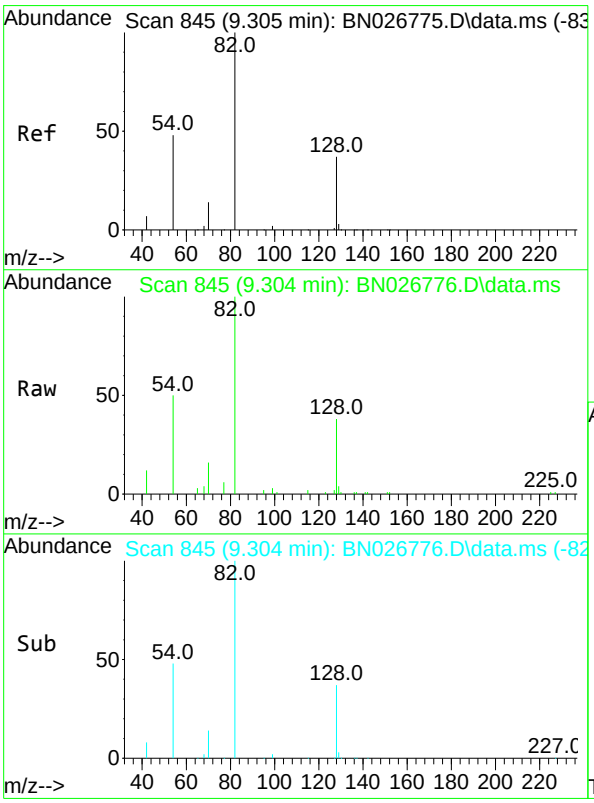
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.949 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 18436

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	8.2	6.2	9.2
68	7.5	5.5	8.3

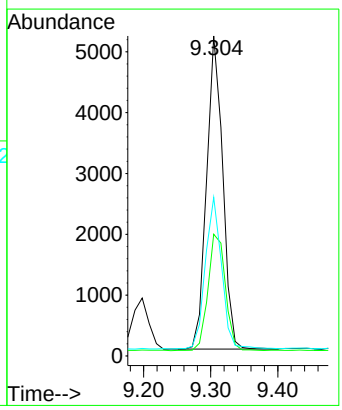


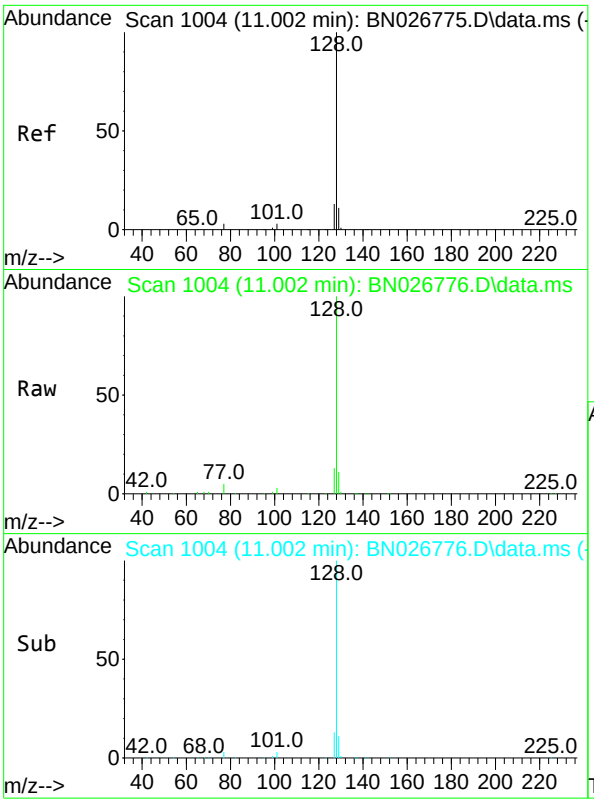


#8
Nitrobenzene-d5
Concen: 0.787 ng
RT: 9.304 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion: 82 Resp: 8592

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.5	45.7
54	49.6	39.4	59.2



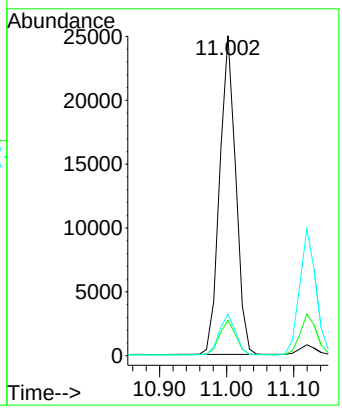


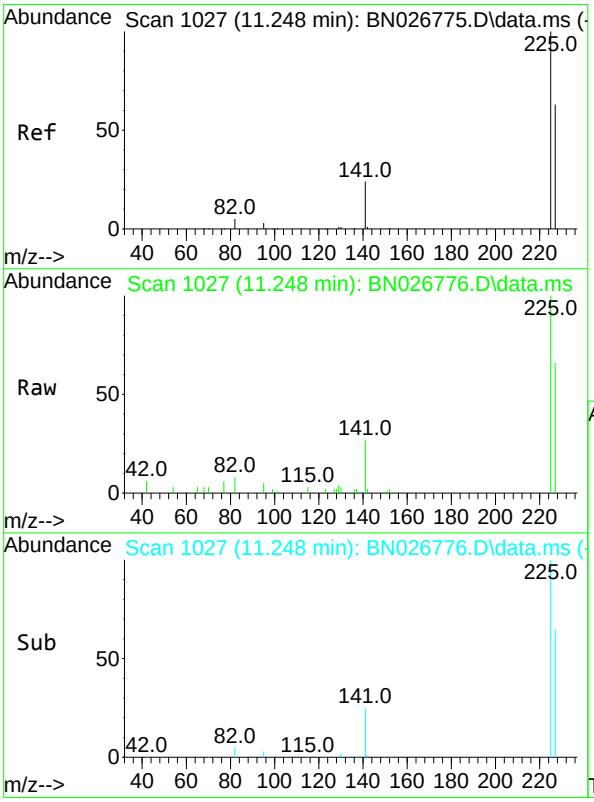
#9
Naphthalene
Concen: 0.821 ng
RT: 11.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 41633

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.0	10.6	16.0

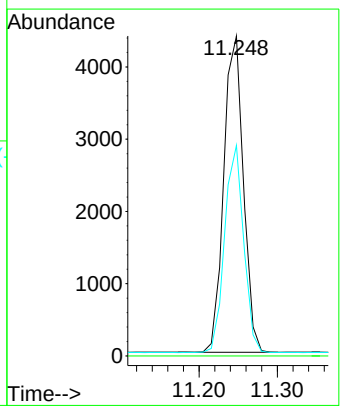


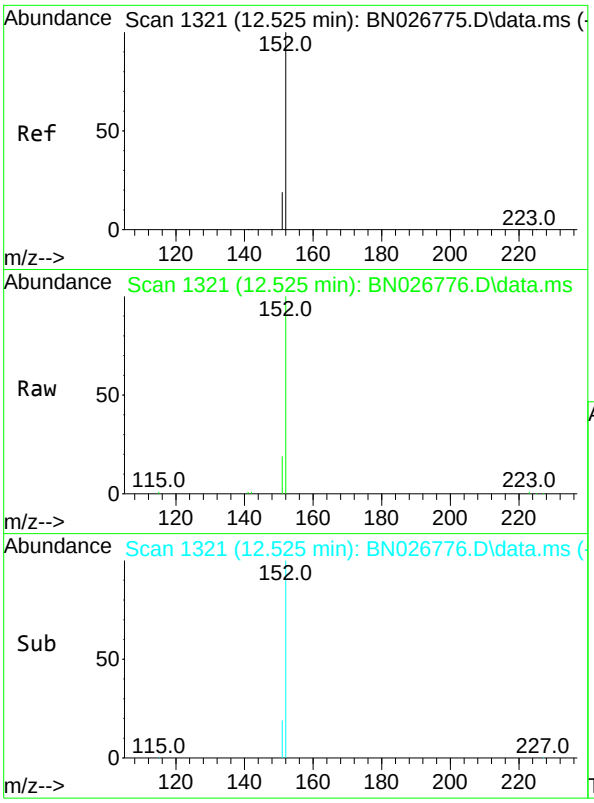


#10
Hexachlorobutadiene
Concen: 0.828 ng
RT: 11.248 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:225 Resp: 7609

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.5	75.7



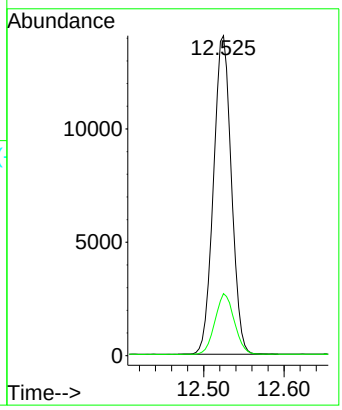


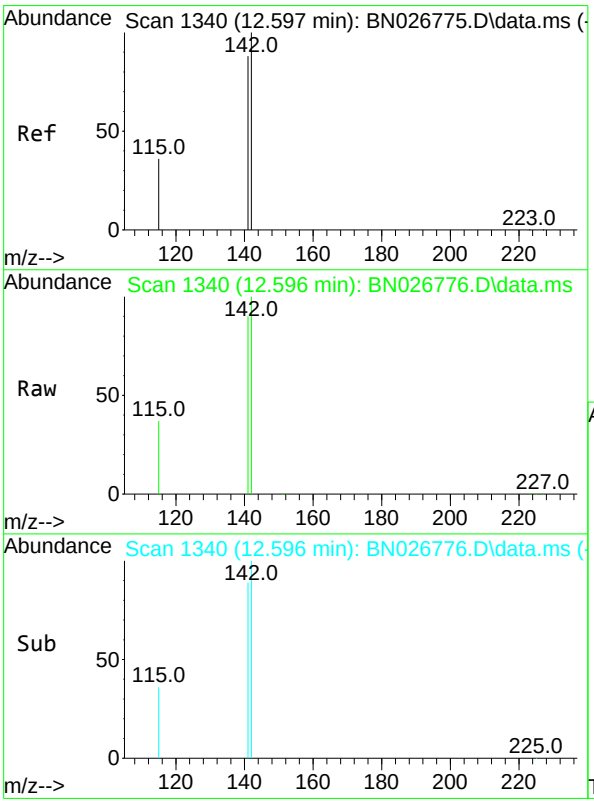
#11
2-Methylnaphthalene-d10
Concen: 0.821 ng
RT: 12.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 21707

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7

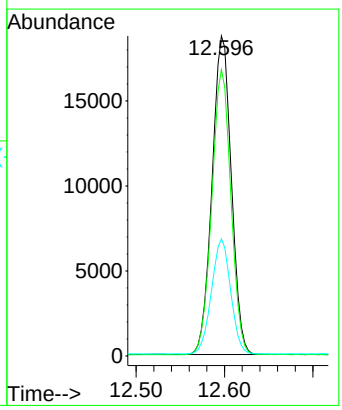


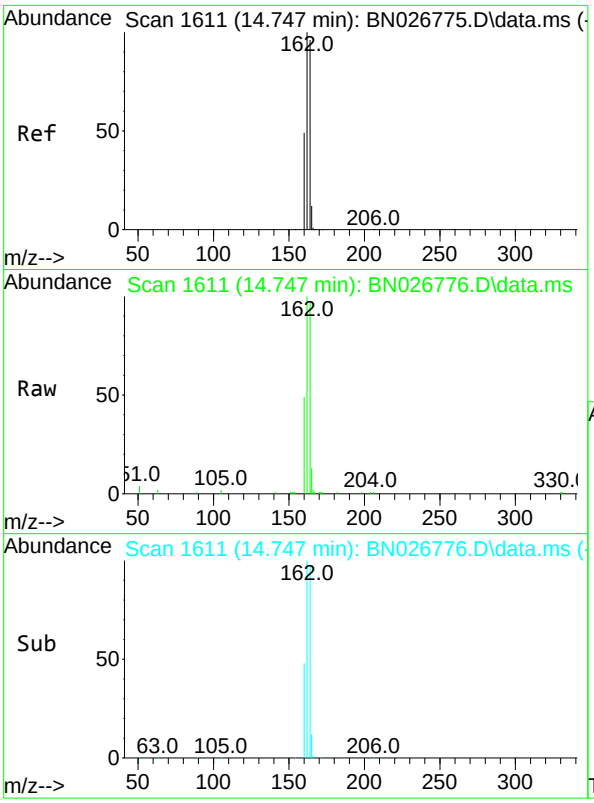


#12
2-Methylnaphthalene
Concen: 0.820 ng
RT: 12.596 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:142 Resp: 28374

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
115	36.6	29.2	43.8



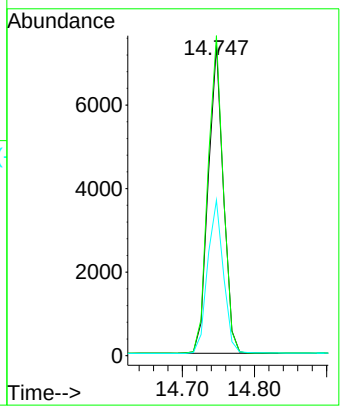


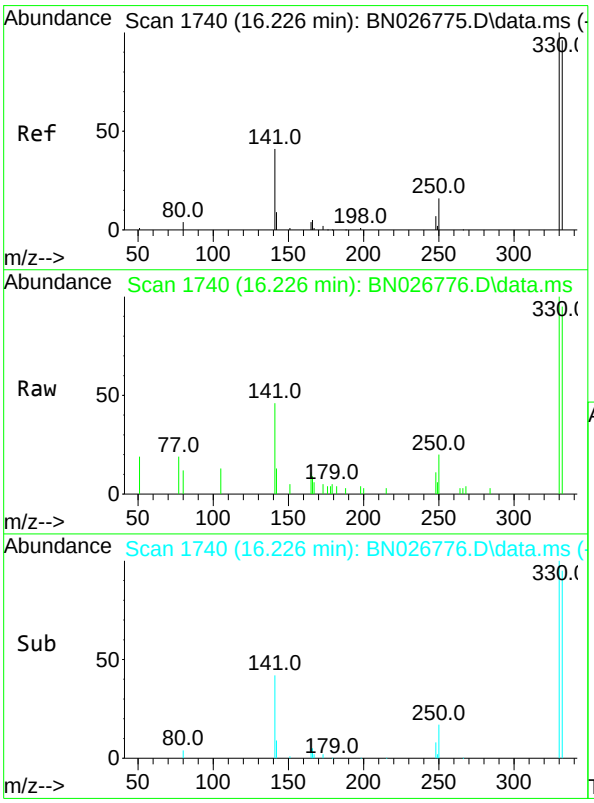
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.747 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 10720

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	50.1	40.8	61.2

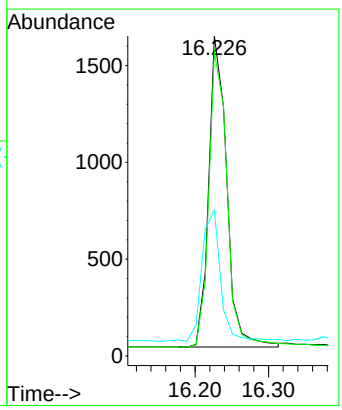


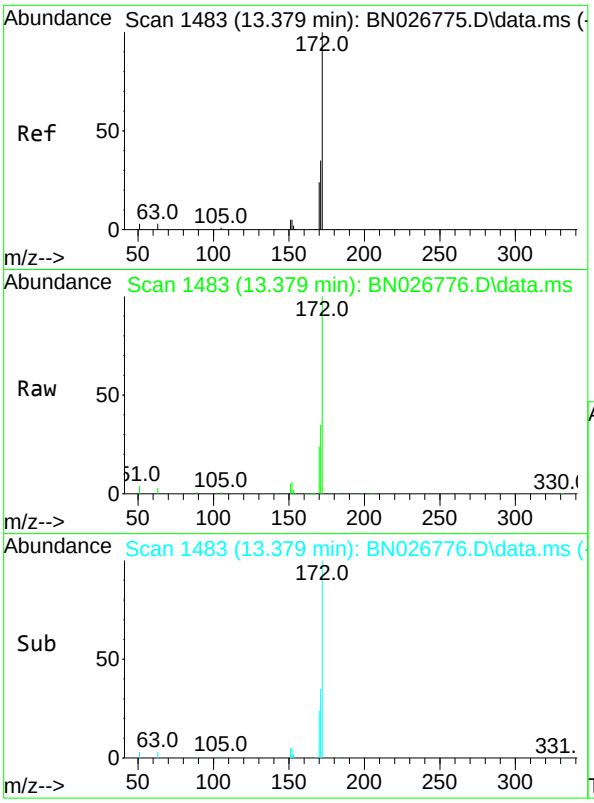


#14
2,4,6-Tribromophenol
Concen: 0.750 ng
RT: 16.226 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:330 Resp: 2737

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.6
141	44.2	34.8	52.2



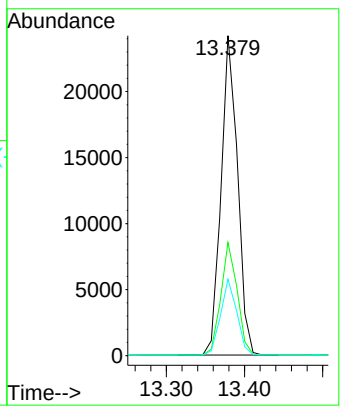


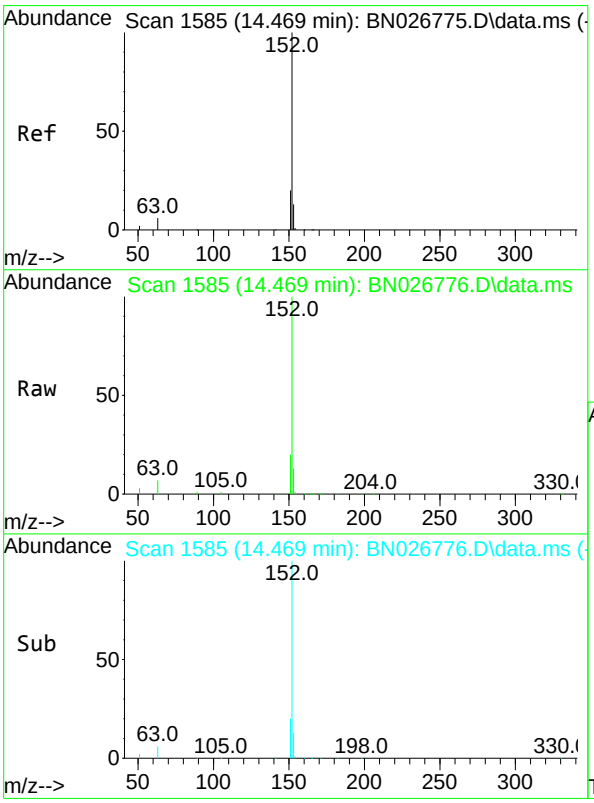
#15
2-Fluorobiphenyl
Concen: 0.807 ng
RT: 13.379 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 35300

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.0	42.0
170	23.9	19.2	28.8

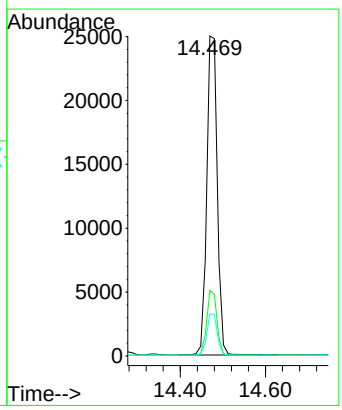


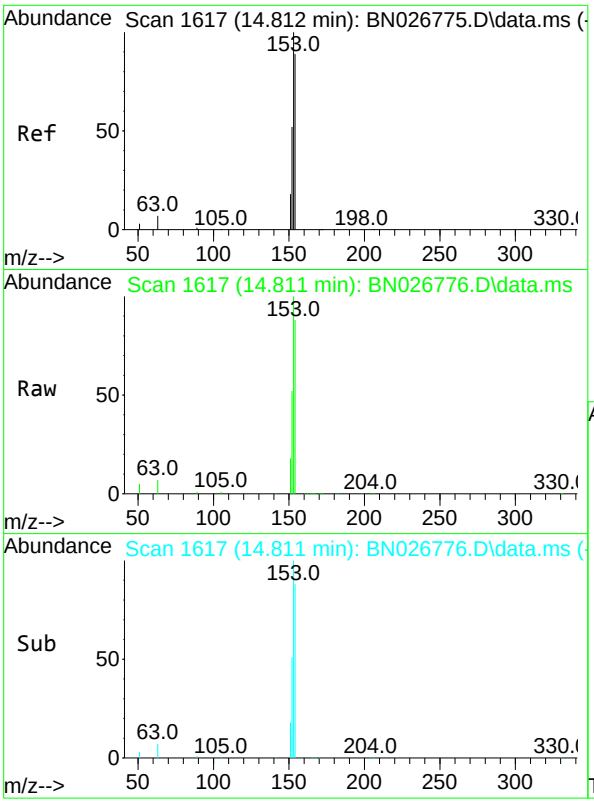


#16
Acenaphthylene
Concen: 0.806 ng
RT: 14.469 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:152 Resp: 42687

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



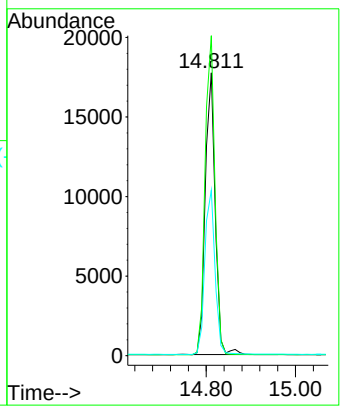


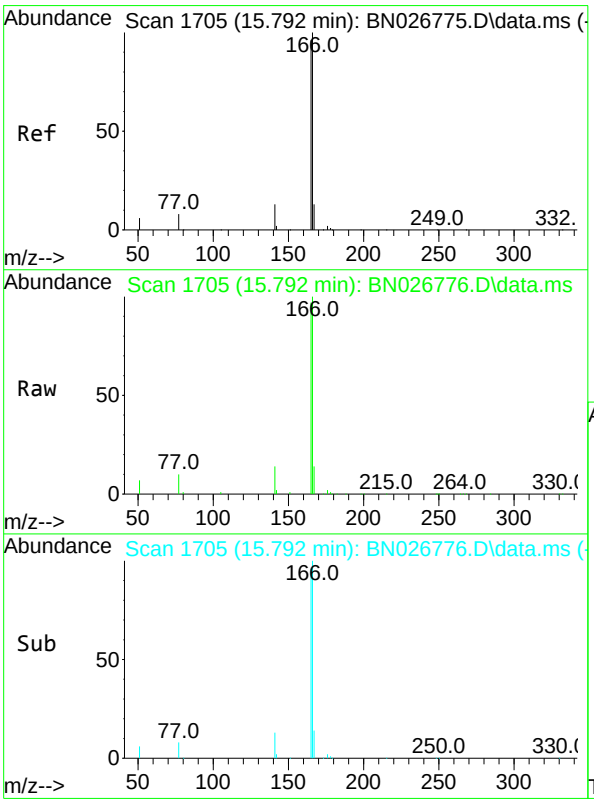
#17
Acenaphthene
Concen: 0.817 ng
RT: 14.811 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 27146

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	60.2	48.6	73.0

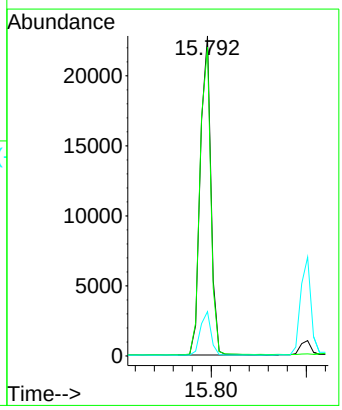


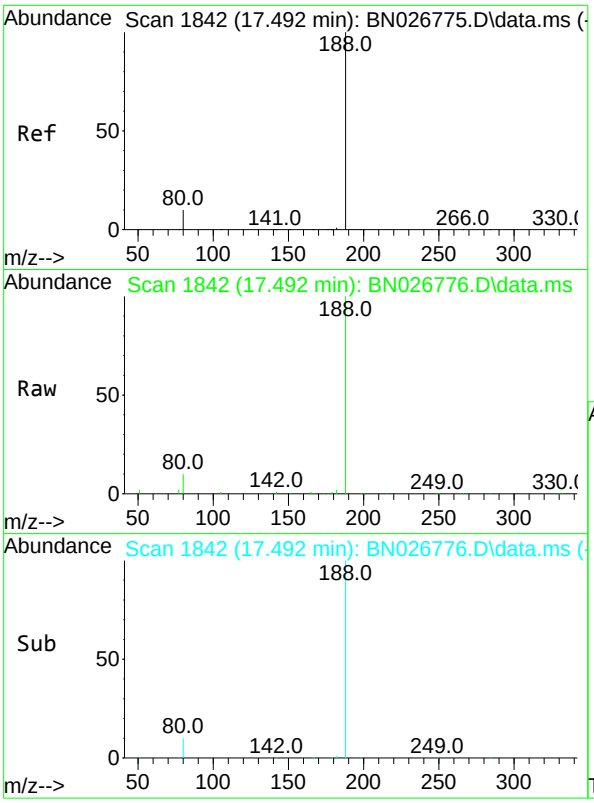


#18
Fluorene
Concen: 0.819 ng
RT: 15.792 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:166 Resp: 35457

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	13.5	10.9	16.3



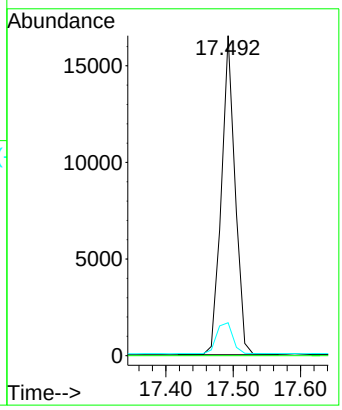


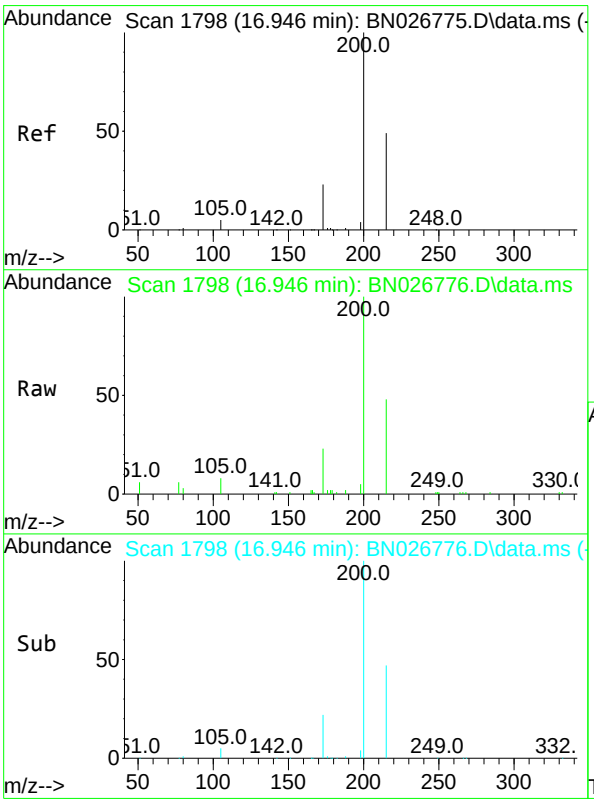
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 23393

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.0	12.0

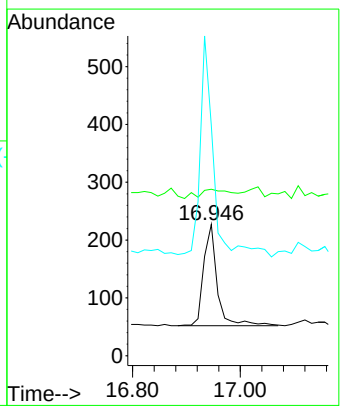


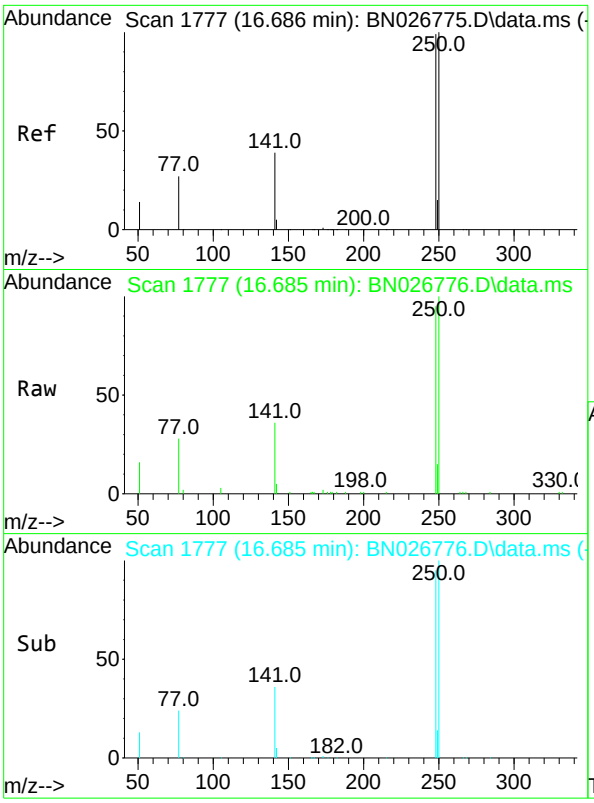


#20
4,6-Dinitro-2-methylphenol
Concen: 0.808 ng
RT: 16.946 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:198 Resp: 306

Ion	Ratio	Lower	Upper
198	100		
51	126.9	150.5	225.7#
105	175.3	165.0	247.6



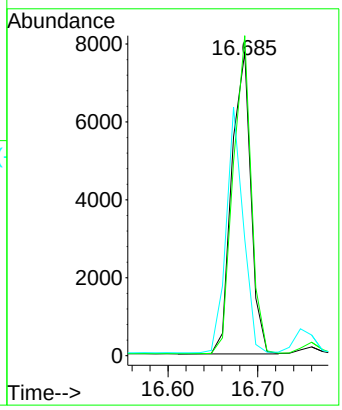


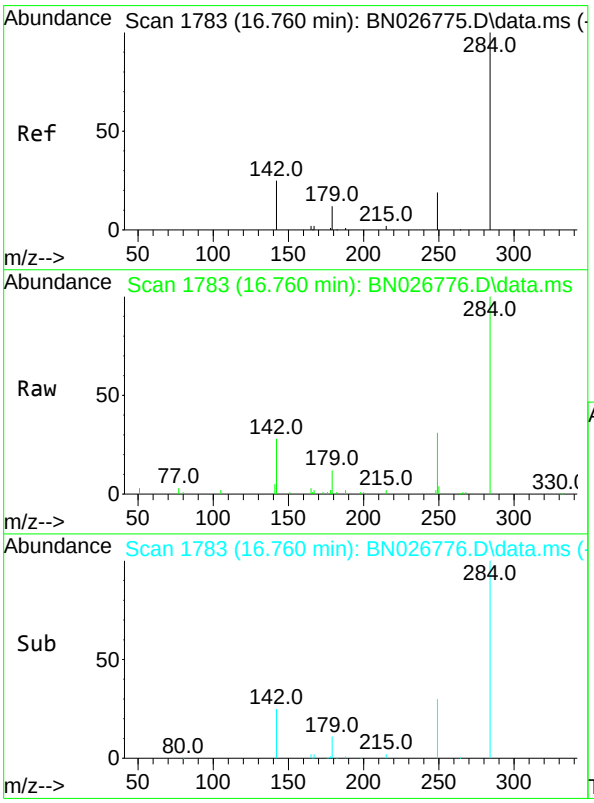
#21
4-Bromophenyl-phenylether
Concen: 0.809 ng
RT: 16.685 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 11441

Ion	Ratio	Lower	Upper
248	100		
250	105.5	80.6	121.0
141	38.4	32.6	48.8

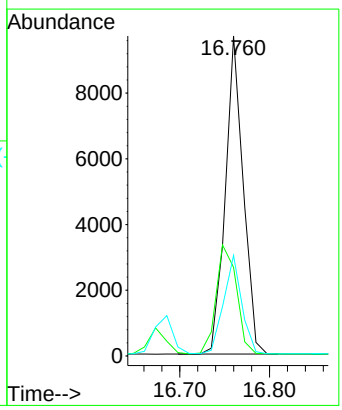


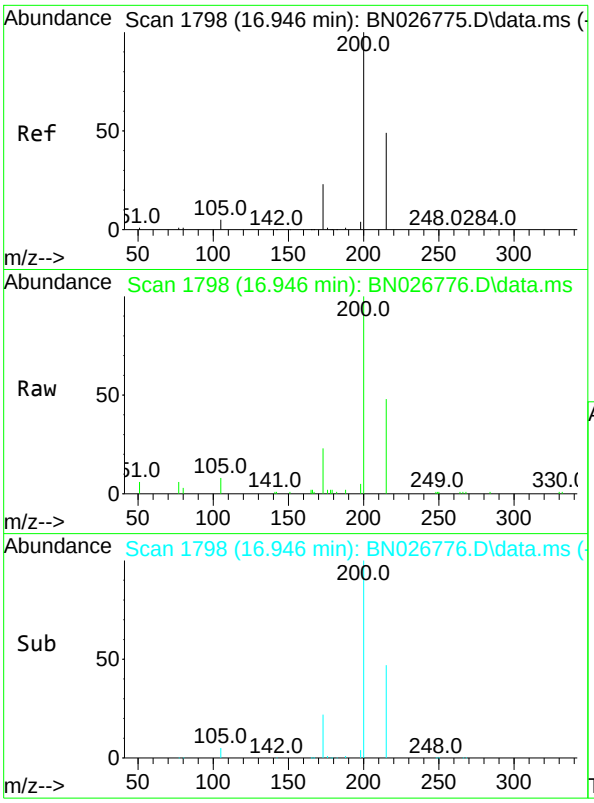


#22
Hexachlorobenzene
Concen: 0.829 ng
RT: 16.760 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:284 Resp: 13400

Ion	Ratio	Lower	Upper
284	100		
142	39.0	32.0	48.0
249	31.4	25.0	37.4



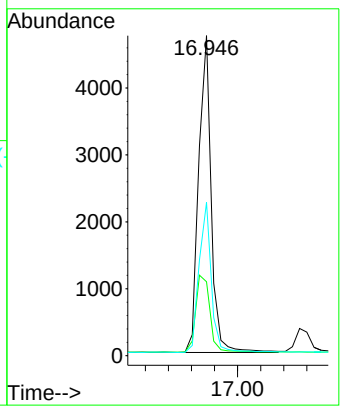


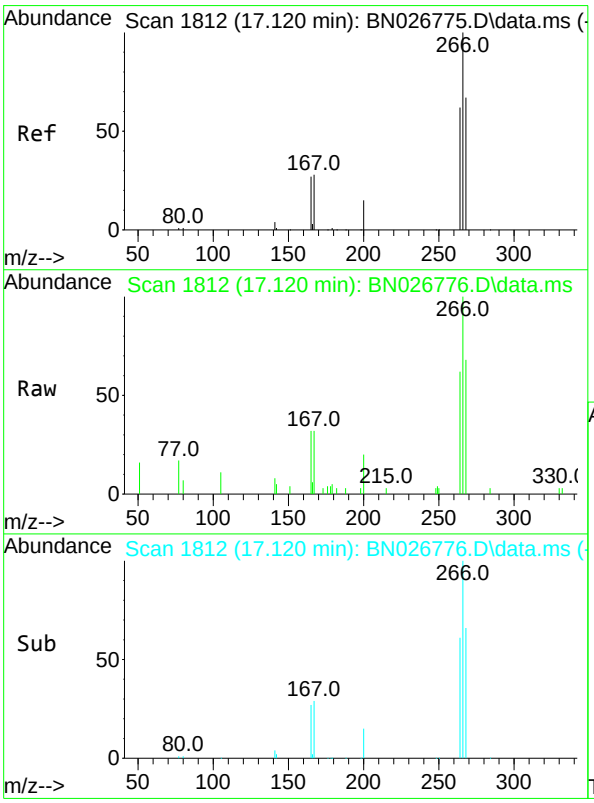
#23
Atrazine
Concen: 0.766 ng
RT: 16.946 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 7156

Ion	Ratio	Lower	Upper
200	100		
173	23.1	19.2	28.8
215	47.9	39.8	59.8

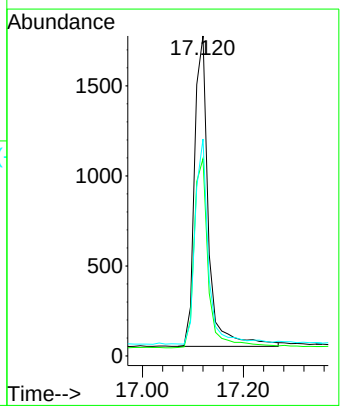


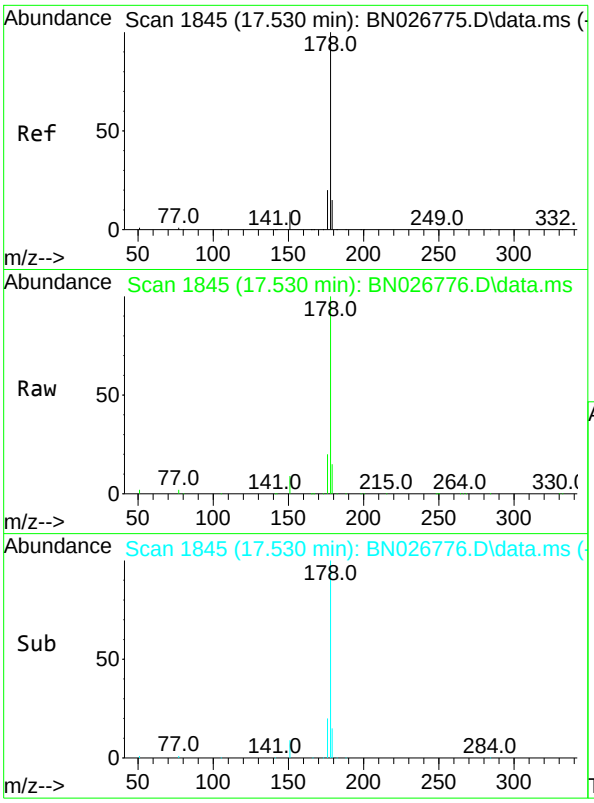


#24
Pentachlorophenol
Concen: 0.793 ng
RT: 17.120 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:266 Resp: 3311

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.8	76.2
268	63.3	50.8	76.2



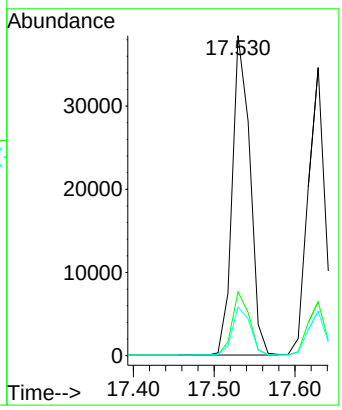


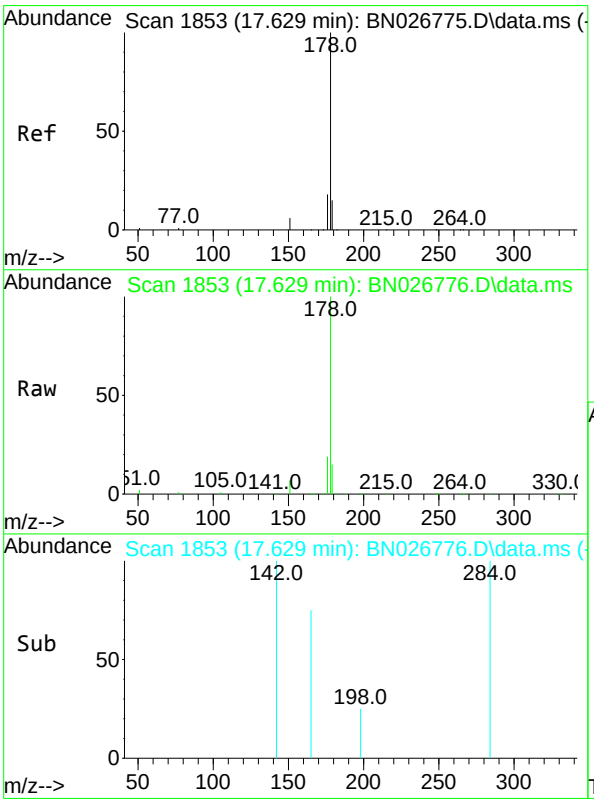
#25
Phenanthrene
Concen: 0.819 ng
RT: 17.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 58203

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.2	18.2

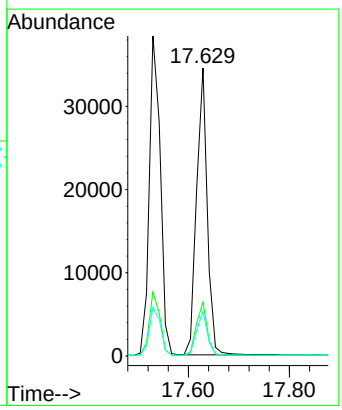


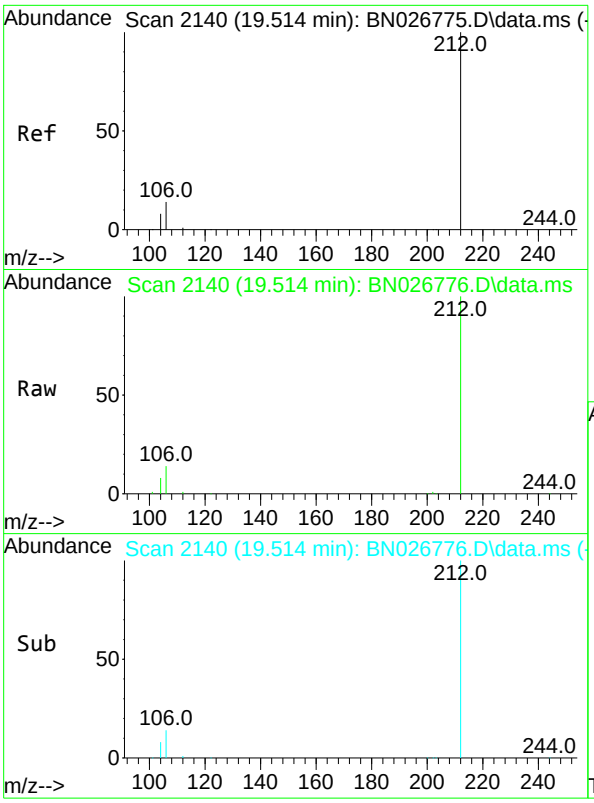


#26
Anthracene
Concen: 0.802 ng
RT: 17.629 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:178 Resp: 50917

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.2	18.2



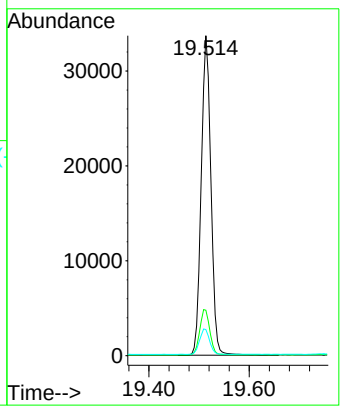


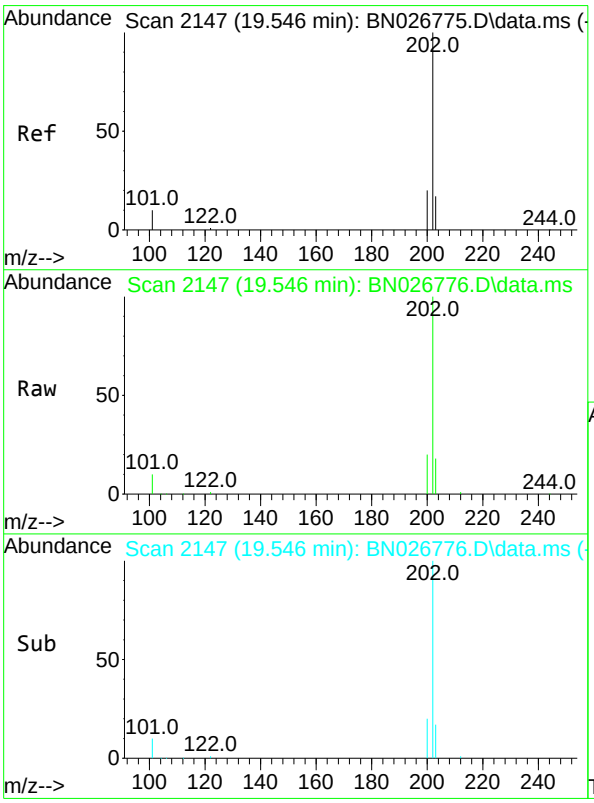
#27
Fluoranthene-d10
Concen: 0.805 ng
RT: 19.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 45199

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.7	17.5
104	8.2	6.4	9.6

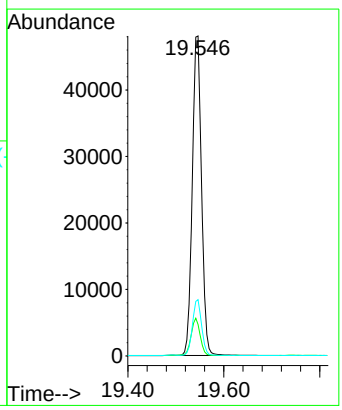


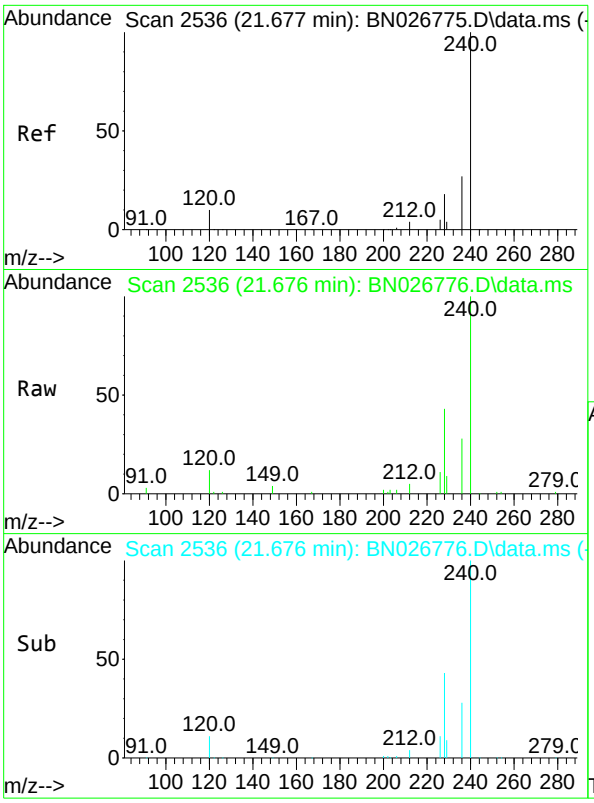


#28
Fluoranthene
Concen: 0.818 ng
RT: 19.546 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:202 Resp: 64718

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
203	17.3	13.7	20.5



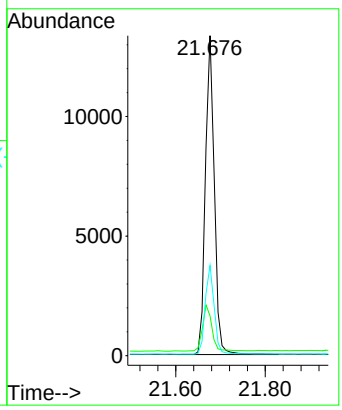


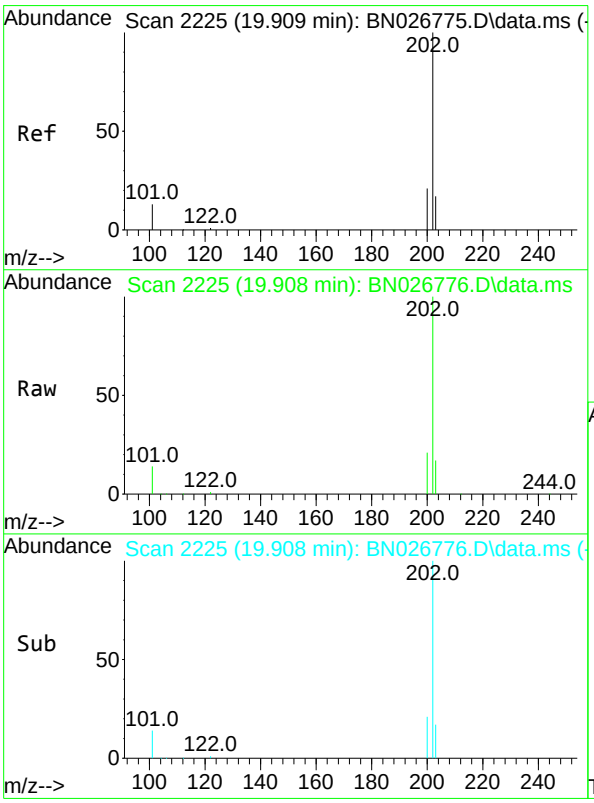
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.676 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 18470

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	28.2	21.9	32.9

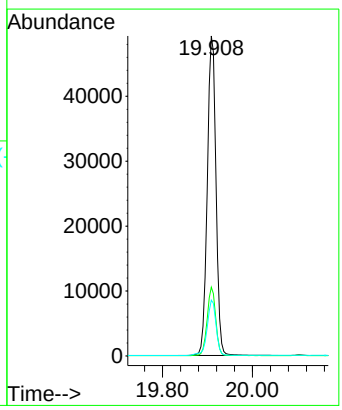


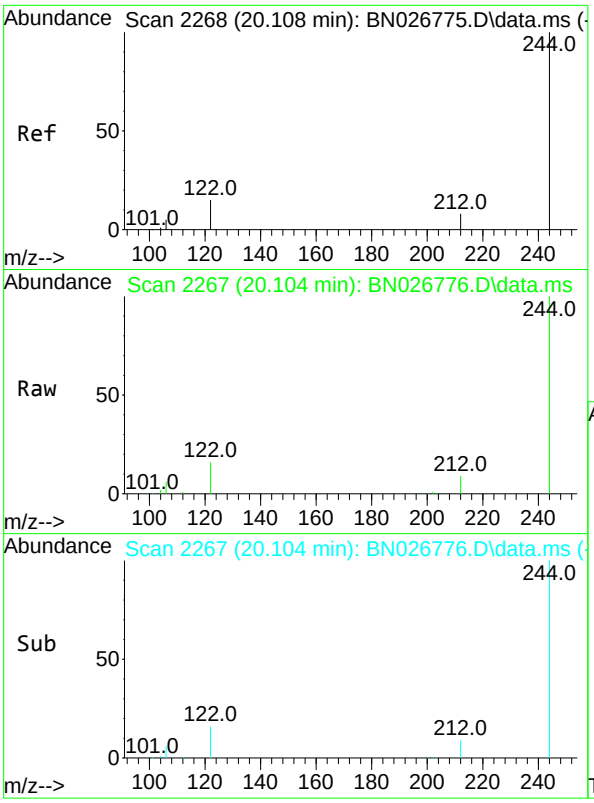


#30
Pyrene
Concen: 0.831 ng
RT: 19.908 min Scan# 2225
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:202 Resp: 66306

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.7	14.2	21.2



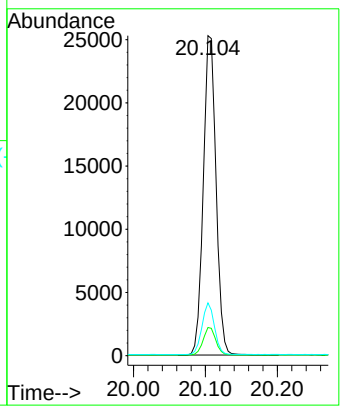


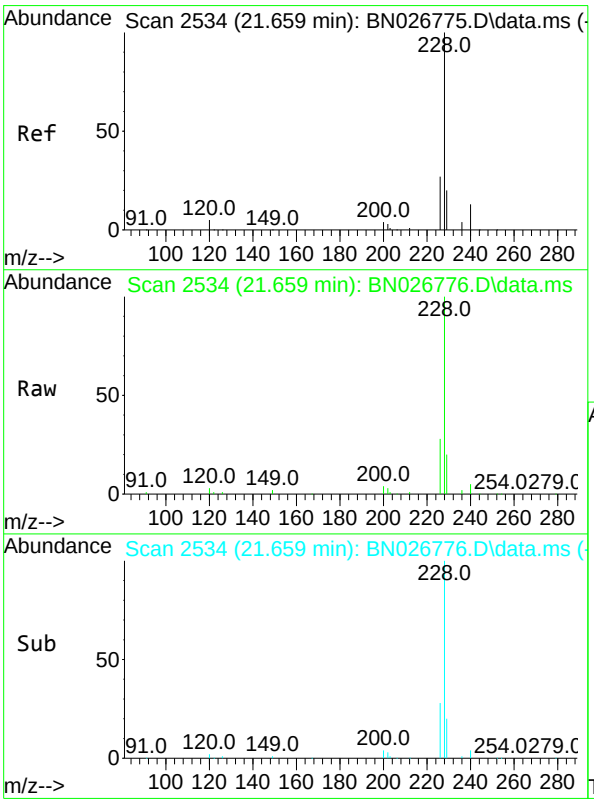
#31
Terphenyl-d14
Concen: 0.808 ng
RT: 20.104 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 31118

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.4
122	16.5	12.3	18.5

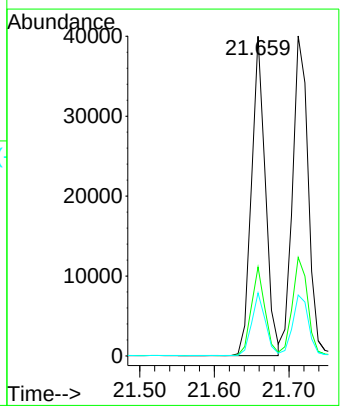


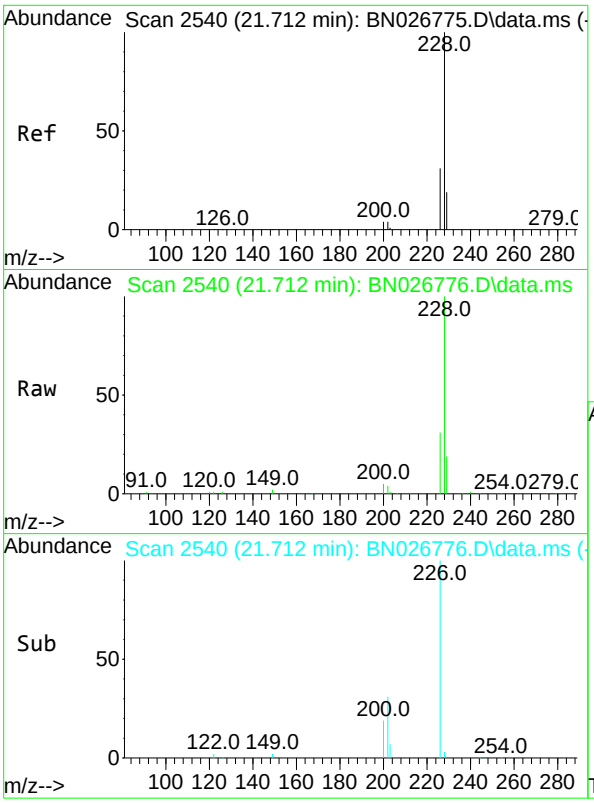


#32
Benzo(a)anthracene
Concen: 0.813 ng
RT: 21.659 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:228 Resp: 51547

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.9	32.9
229	19.7	15.8	23.8



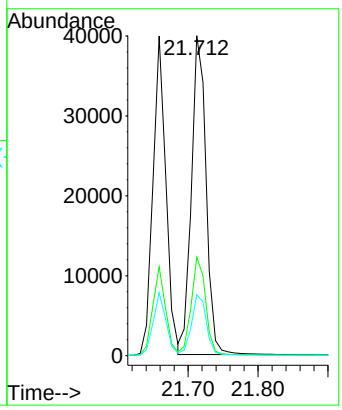


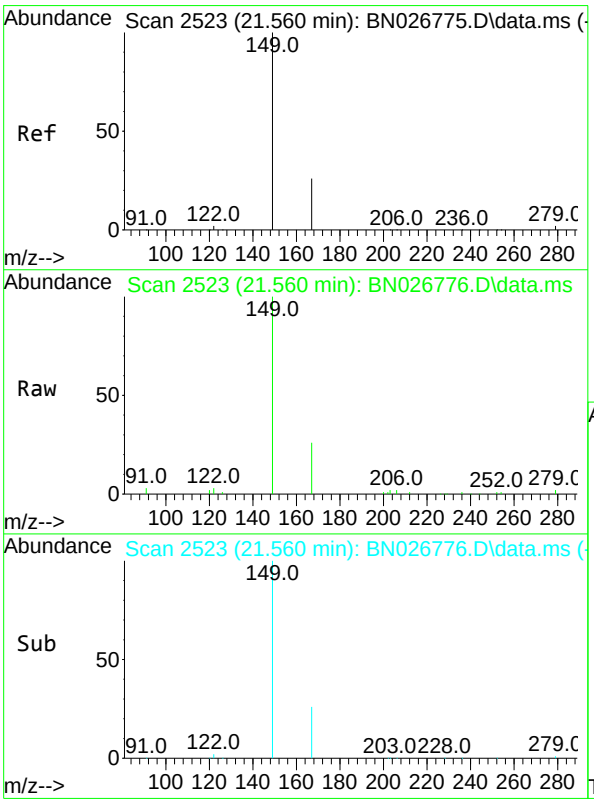
#33
Chrysene
Concen: 0.830 ng
RT: 21.712 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 58173

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	19.1	15.4	23.2

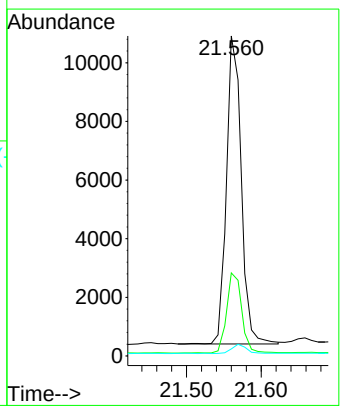


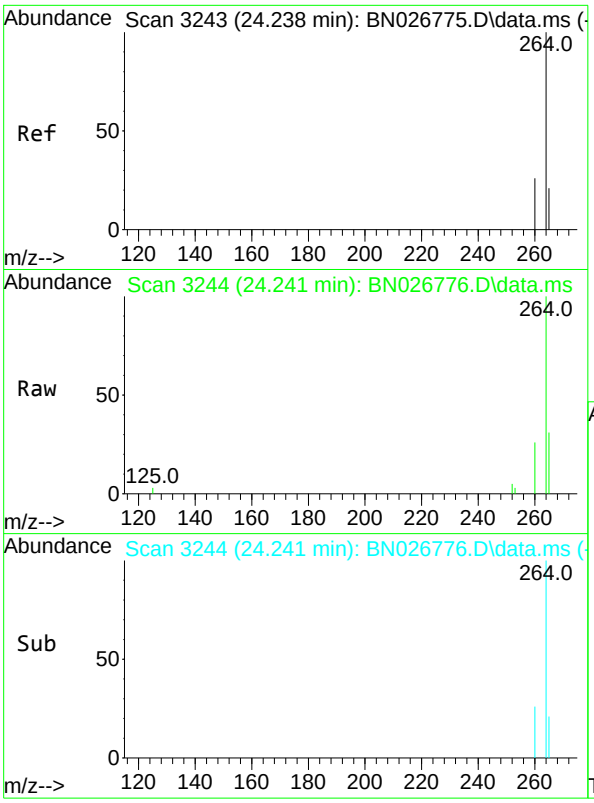


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.691 ng
RT: 21.560 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:149 Resp: 14519

Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	2.9	2.4	3.6



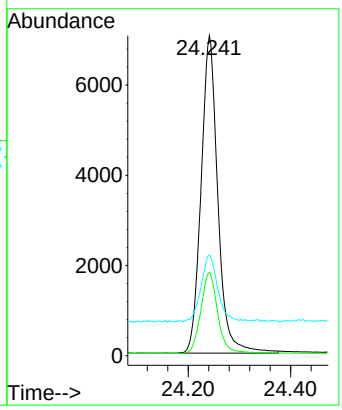


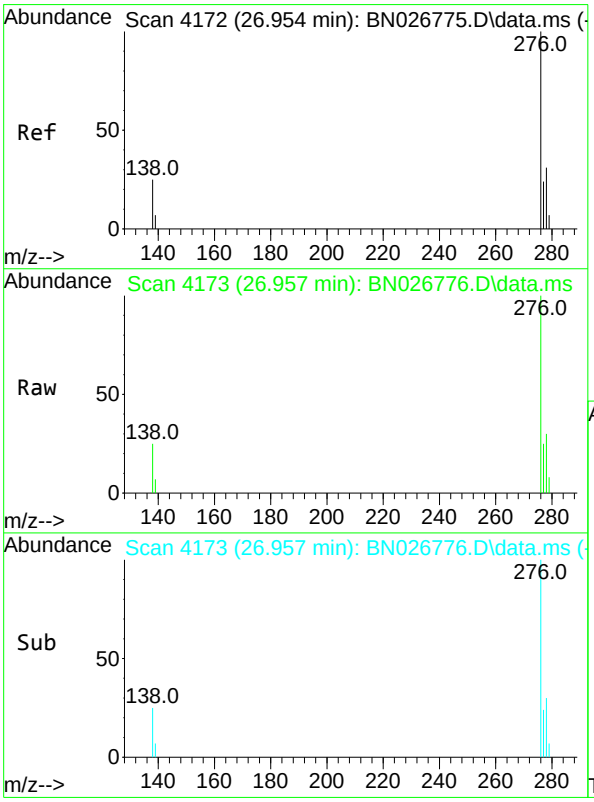
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.241 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 16001

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.0	31.6
265	31.5	22.6	33.8

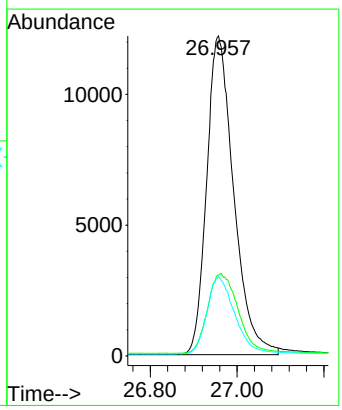


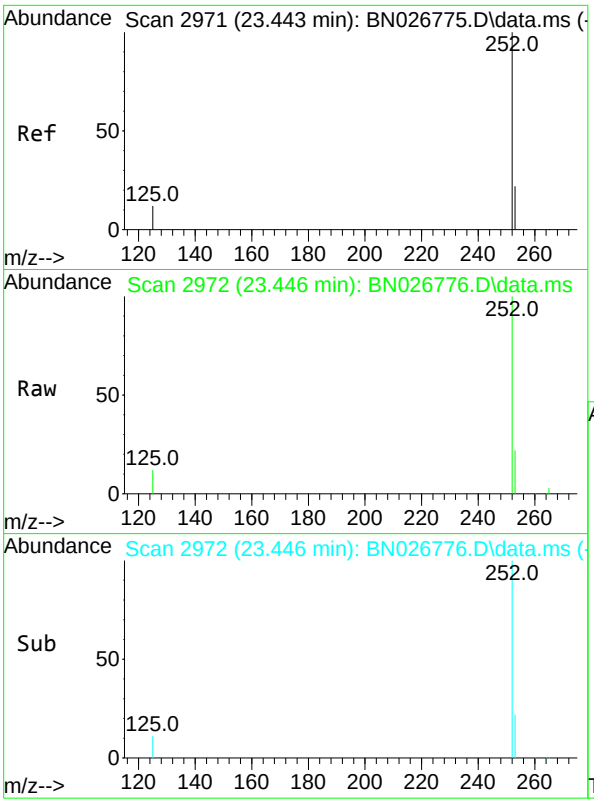


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.806 ng
RT: 26.957 min Scan# 4173
Delta R.T. 0.003 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:276 Resp: 52626

Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.8	34.2
277	24.8	19.9	29.9



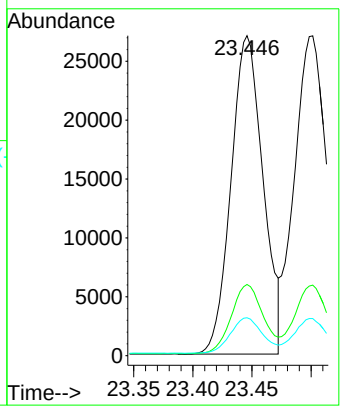


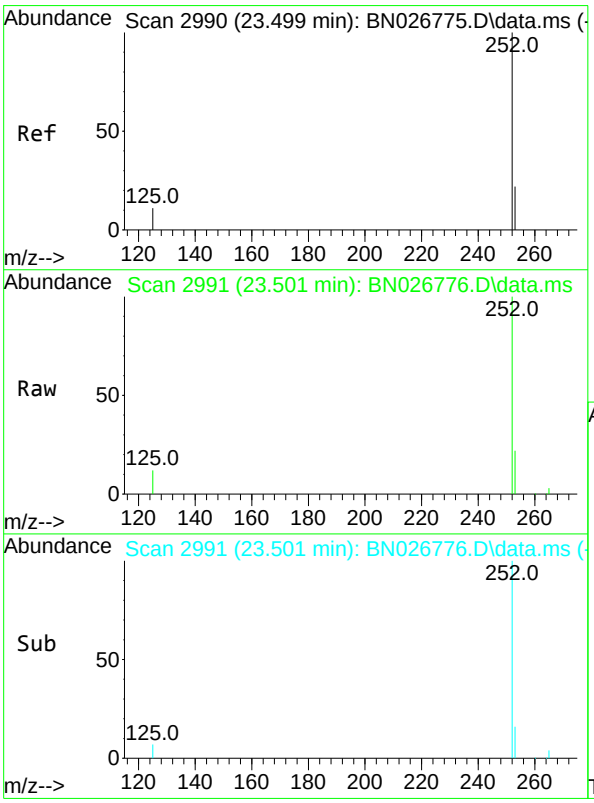
#37
Benzo(b)fluoranthene
Concen: 0.795 ng
RT: 23.446 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 50862

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.8	10.8	16.2

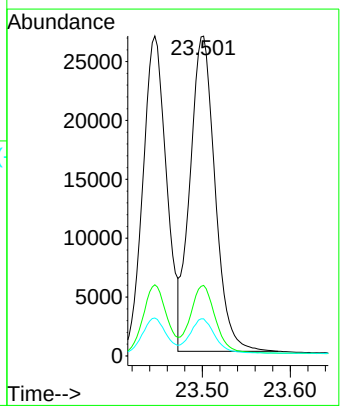


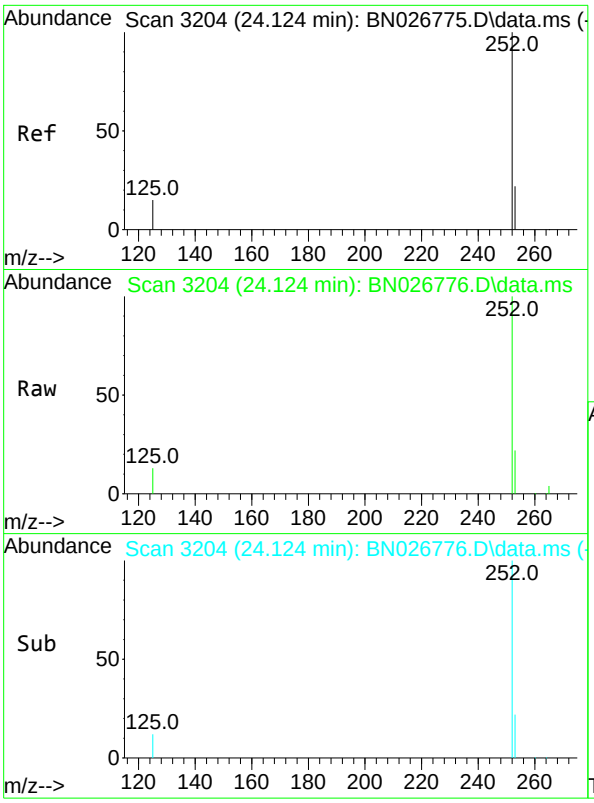


#38
Benzo(k)fluoranthene
Concen: 0.830 ng
RT: 23.501 min Scan# 2991
Delta R.T. 0.003 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:252 Resp: 53229

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.6	9.4	14.2



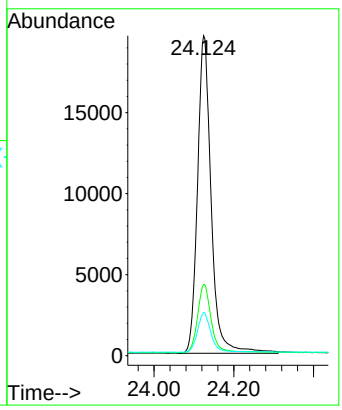


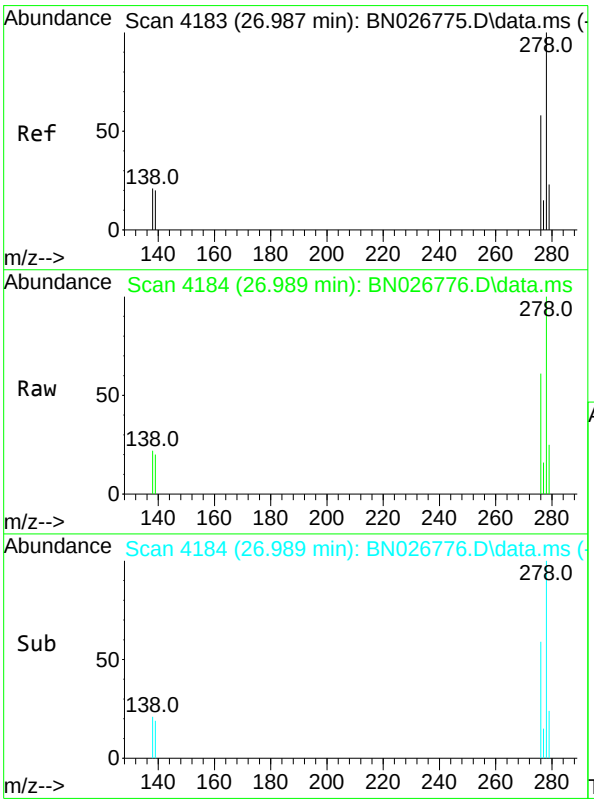
#39
Benzo(a)pyrene
Concen: 0.812 ng
RT: 24.124 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 46609

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	13.5	12.7	19.1

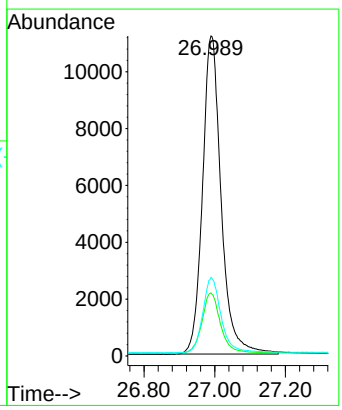


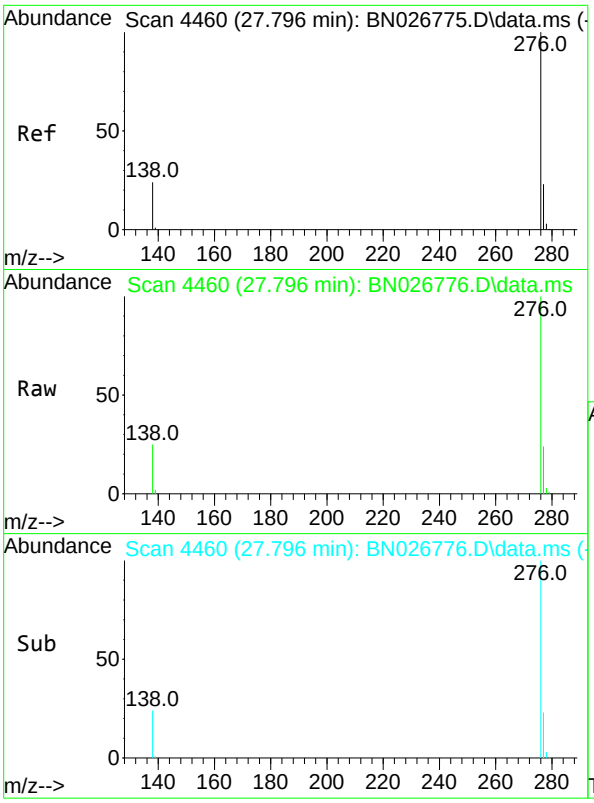


#40
Dibenzo(a,h)anthracene
Concen: 0.809 ng
RT: 26.989 min Scan# 4184
Delta R.T. 0.003 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Tgt Ion:278 Resp: 41005

Ion	Ratio	Lower	Upper
278	100		
139	19.7	16.8	25.2
279	24.6	19.5	29.3





#41
Benzo(g,h,i)perylene
Concen: 0.827 ng
RT: 27.796 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN026776.D
Acq: 01 Aug 2023 10:05

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 49658

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	24.6	19.8	29.6