Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030381.D
Acq On : 13 Mar 2024 14:33
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 14 11:18:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:09:54 2024
Response via : Initial Calibration

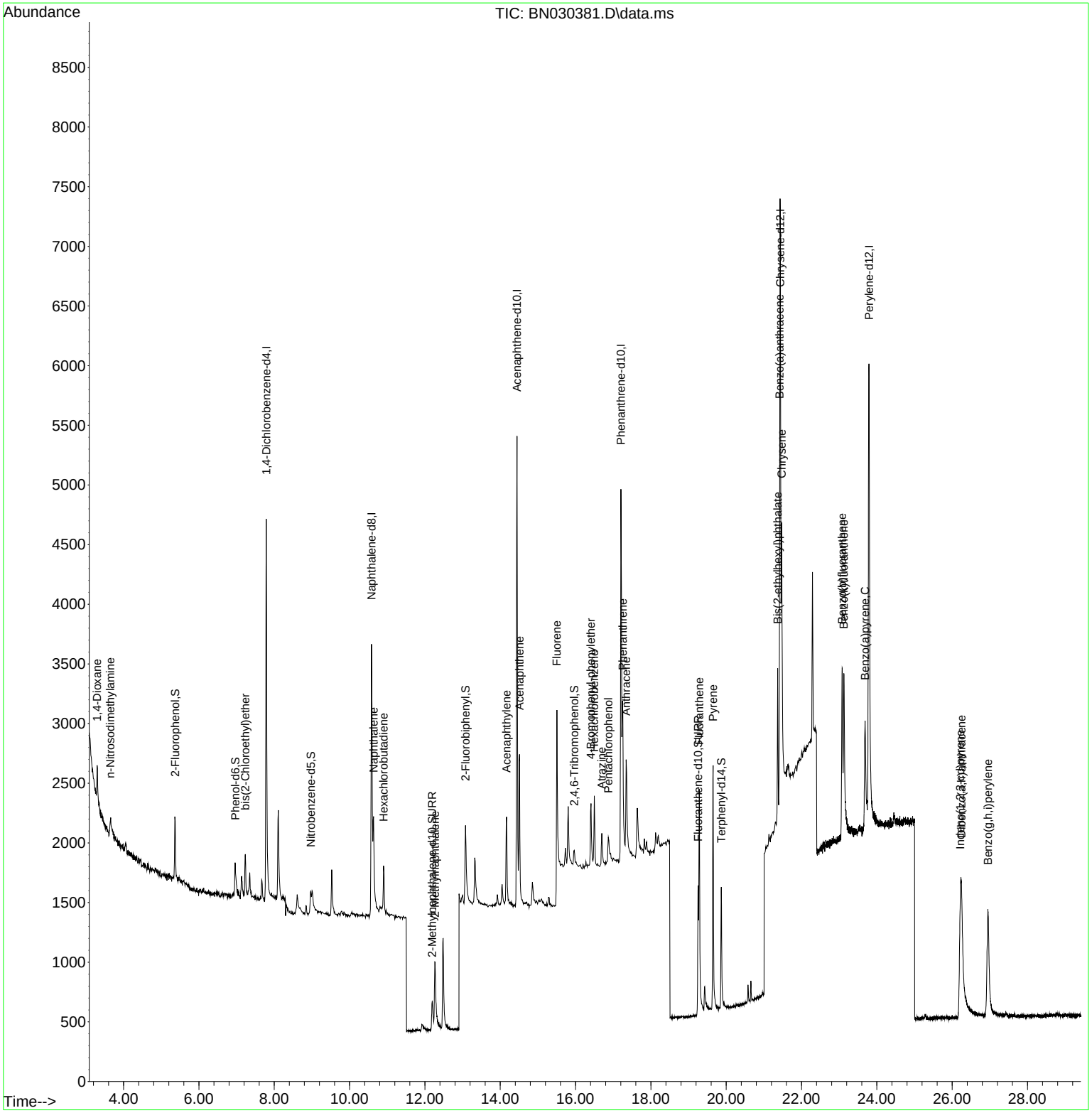
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	1742	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	4181	0.400	ng		0.00
13) Acenaphthene-d10	14.447	164	2676	0.400	ng		0.00
19) Phenanthrene-d10	17.206	188	5941	0.400	ng		0.00
29) Chrysene-d12	21.438	240	5939	0.400	ng		0.00
35) Perylene-d12	23.791	264	6935	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	474	0.105	ng		0.00
5) Phenol-d6	6.966	99	394	0.089	ng		0.00
8) Nitrobenzene-d5	8.971	82	348	0.091	ng		0.01
11) 2-Methylnaphthalene-d10	12.193	152	594	0.091	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	151	0.097	ng		0.01
15) 2-Fluorobiphenyl	13.078	172	919	0.085	ng		0.01
27) Fluoranthene-d10	19.257	212	1709	0.099	ng		0.00
31) Terphenyl-d14	19.870	244	1457	0.108	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	274	0.113	ng		95
3) n-Nitrosodimethylamine	3.644	42	204	0.092	ng		90
6) bis(2-Chloroethyl)ether	7.233	93	350	0.099	ng		95
9) Naphthalene	10.637	128	1120	0.100	ng	#	88
10) Hexachlorobutadiene	10.904	225	350	0.101	ng	#	99
12) 2-Methylnaphthalene	12.268	142	675	0.094	ng	#	93
16) Acenaphthylene	14.169	152	1069	0.091	ng		99
17) Acenaphthene	14.511	154	732	0.095	ng		96
18) Fluorene	15.505	166	893	0.094	ng	#	96
21) 4-Bromophenyl-phenylether	16.411	248	314	0.090	ng	#	88
22) Hexachlorobenzene	16.498	284	433	0.103	ng		98
23) Atrazine	16.697	200	308	0.098	ng	#	79
24) Pentachlorophenol	16.871	266	259	0.118	ng		97
25) Phenanthrene	17.255	178	1552	0.098	ng		99
26) Anthracene	17.342	178	1321	0.091	ng		98
28) Fluoranthene	19.285	202	2159	0.101	ng		100
30) Pyrene	19.652	202	2284	0.103	ng		100
32) Benzo(a)anthracene	21.420	228	1895	0.096	ng		94
33) Chrysene	21.474	228	2246	0.103	ng		97
34) Bis(2-ethylhexyl)phtha...	21.367	149	1221	0.118	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.218	276	2750	0.093	ng		98
37) Benzo(b)fluoranthene	23.078	252	2101	0.093	ng	#	61
38) Benzo(k)fluoranthene	23.125	252	2145	0.094	ng	#	54
39) Benzo(a)pyrene	23.686	252	1988	0.095	ng	#	45
40) Dibenzo(a,h)anthracene	26.247	278	2038	0.087	ng	#	48
41) Benzo(g,h,i)perylene	26.949	276	2597	0.094	ng	#	88

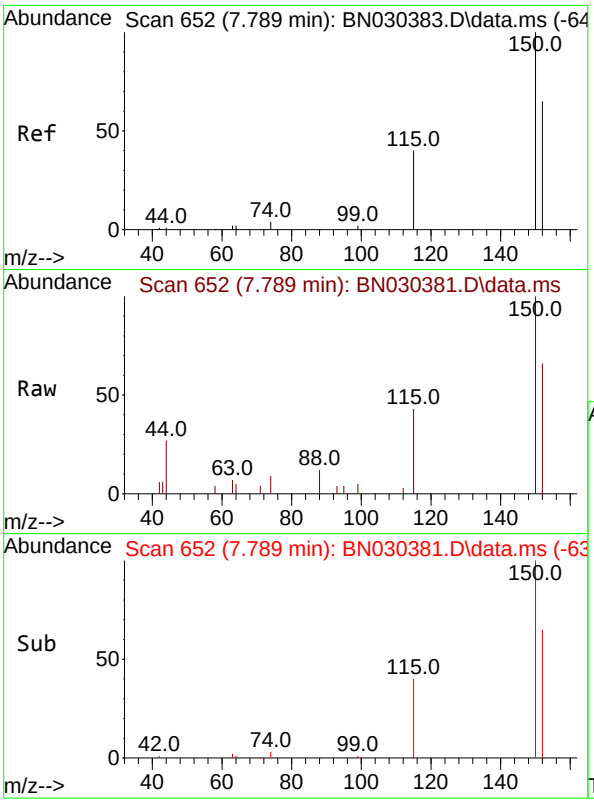
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030381.D
Acq On : 13 Mar 2024 14:33
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Mar 14 11:18:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:09:54 2024
Response via : Initial Calibration



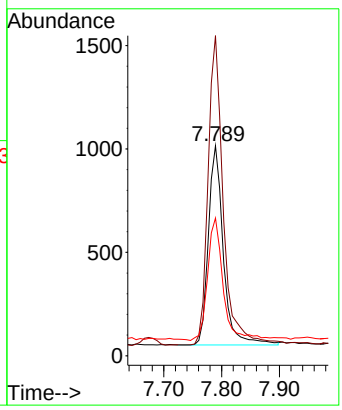


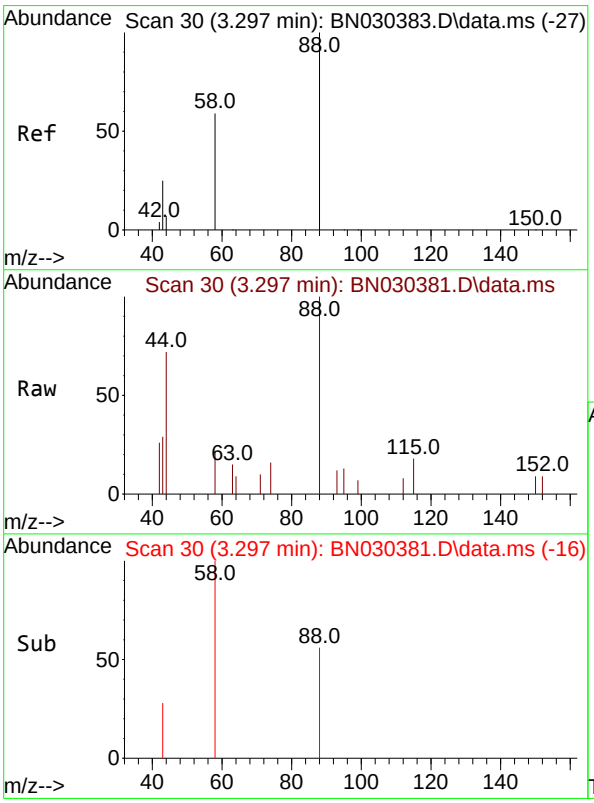
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 1742

Ion	Ratio	Lower	Upper
152	100		
150	152.4	120.4	180.6
115	65.6	52.8	79.2

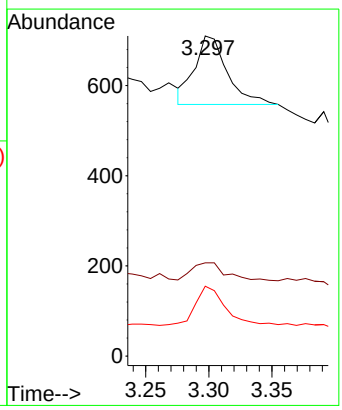


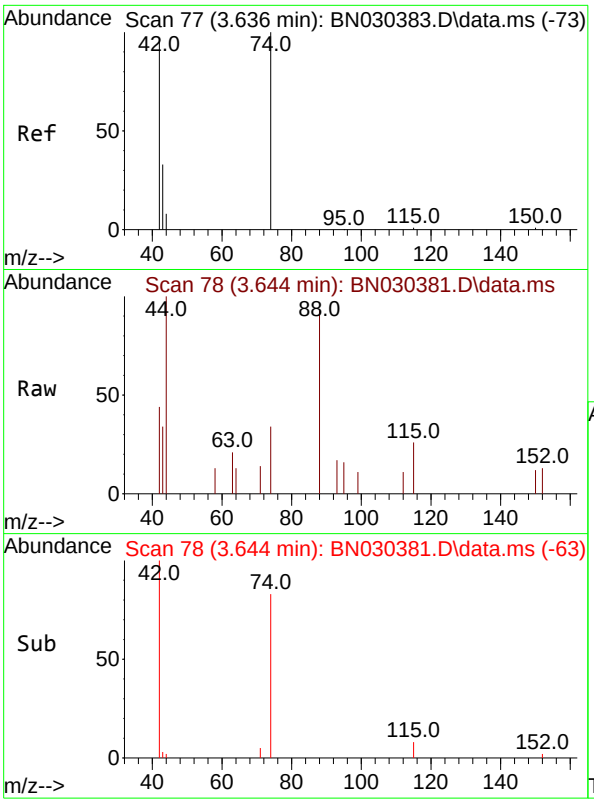


#2
1,4-Dioxane
Concen: 0.113 ng
RT: 3.297 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion: 88 Resp: 274

Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.4	35.0
58	52.9	46.1	69.1



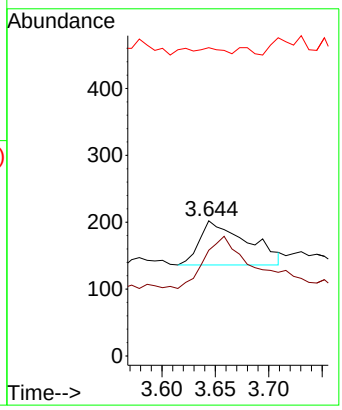


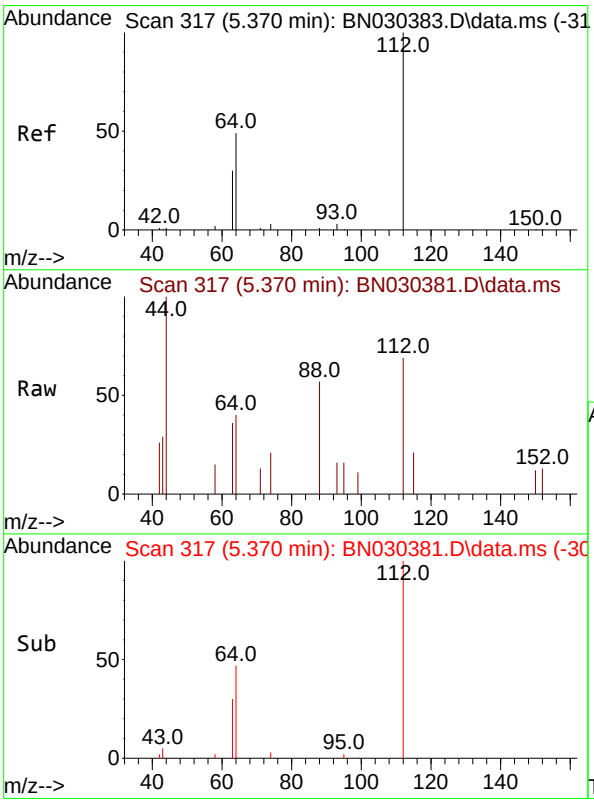
#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.644 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 204

Ion	Ratio	Lower	Upper
42	100		
74	107.4	95.4	143.0
44	7.8	6.6	10.0

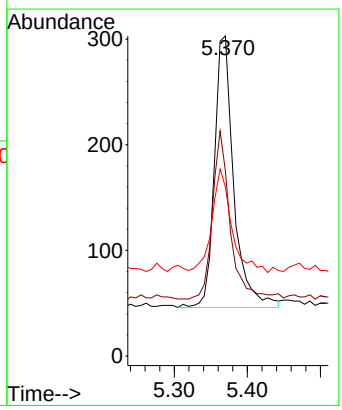


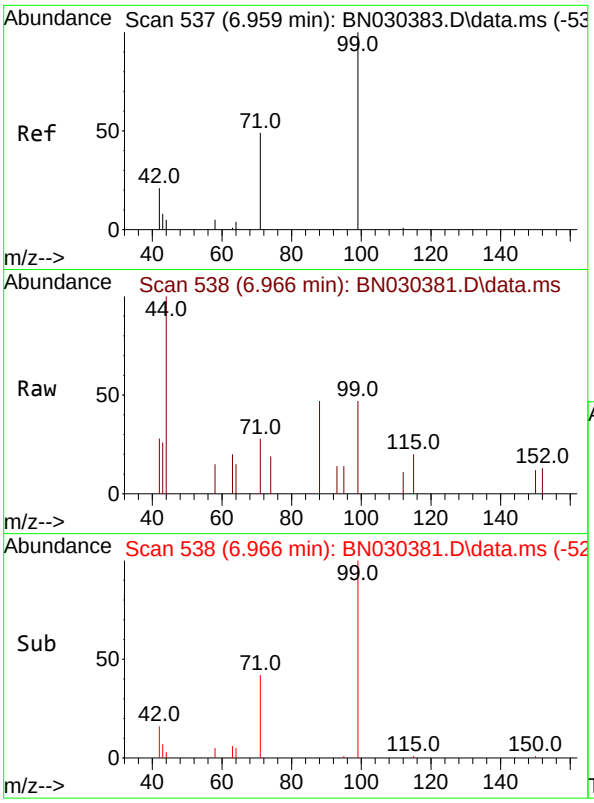


#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:112 Resp: 474

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.6	68.4
63	38.8	28.2	42.4



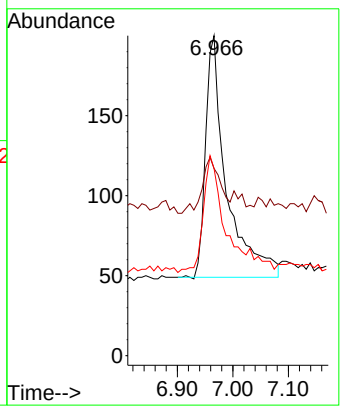


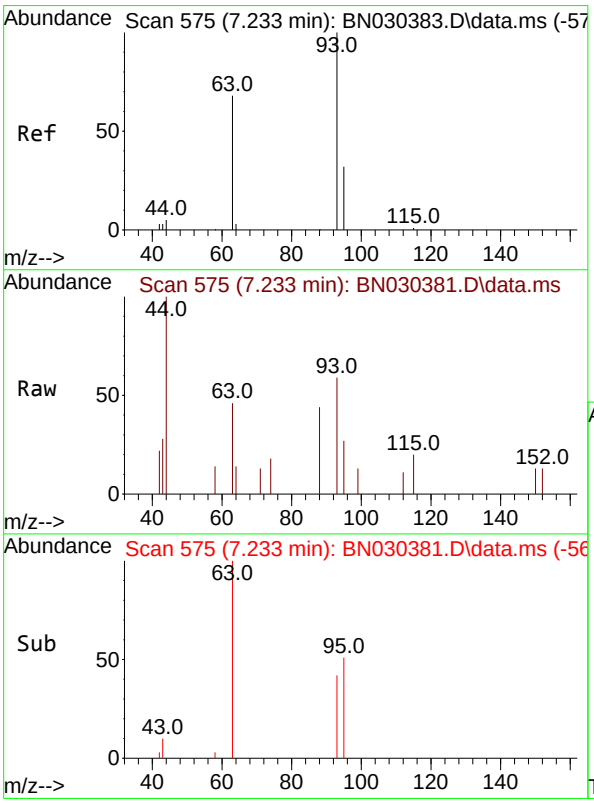
#5
Phenol-d6
Concen: 0.089 ng
RT: 6.966 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 394

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.6
71	53.0	37.0	55.6

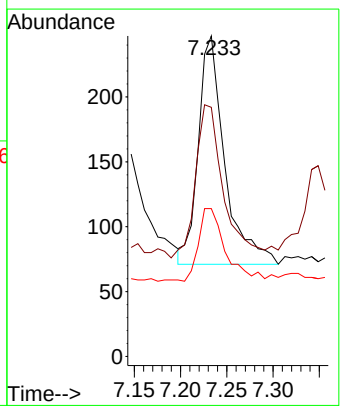


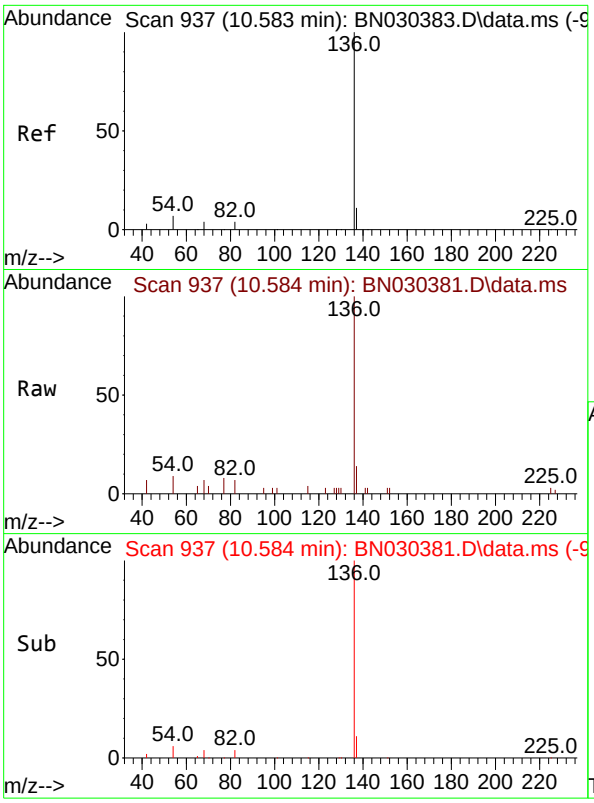


#6
bis(2-Chloroethyl)ether
Concen: 0.099 ng
RT: 7.233 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion: 93 Resp: 350

Ion	Ratio	Lower	Upper
93	100		
63	70.0	58.9	88.3
95	30.6	27.3	40.9



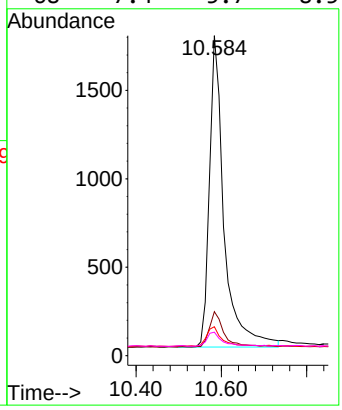


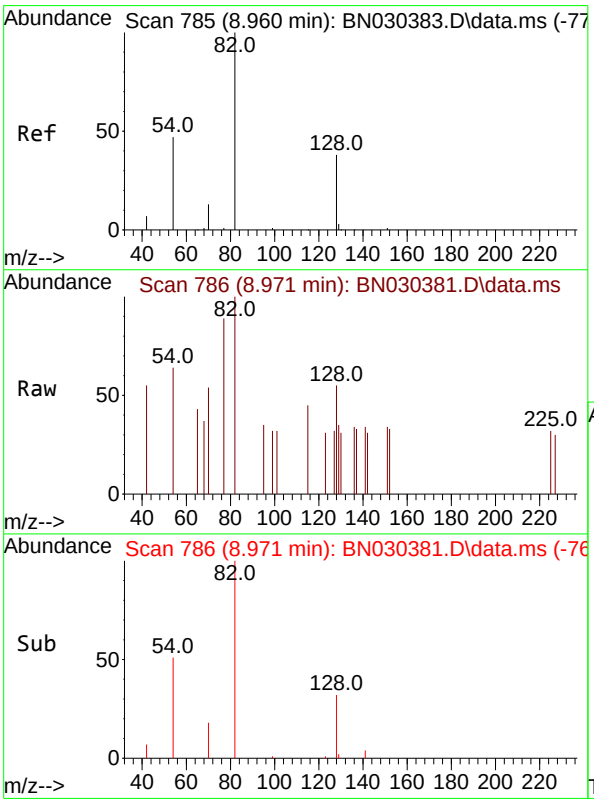
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 4181

Ion	Ratio	Lower	Upper
136	100		
137	13.8	11.0	16.6
54	9.1	7.8	11.8
68	7.4	5.7	8.5

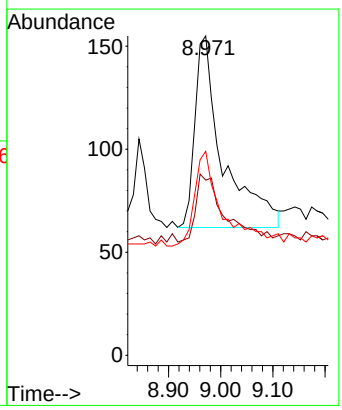


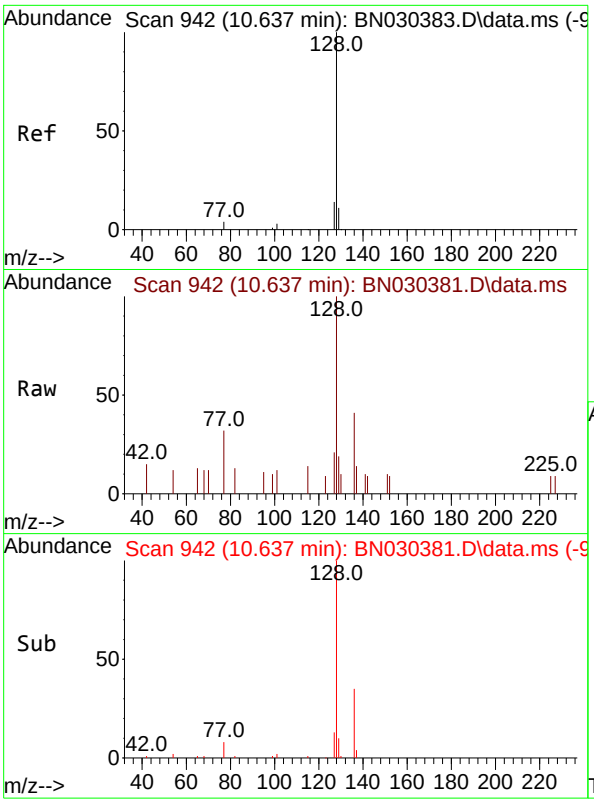


#8
Nitrobenzene-d5
Concen: 0.091 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.011 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion: 82 Resp: 348

Ion	Ratio	Lower	Upper
82	100		
128	54.8	35.2	52.8#
54	63.9	41.5	62.3#



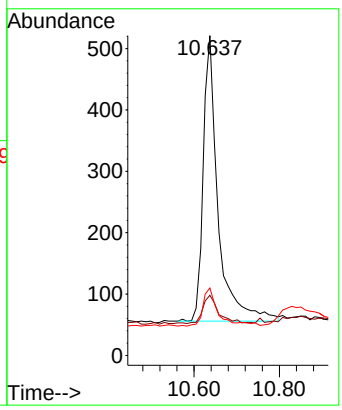


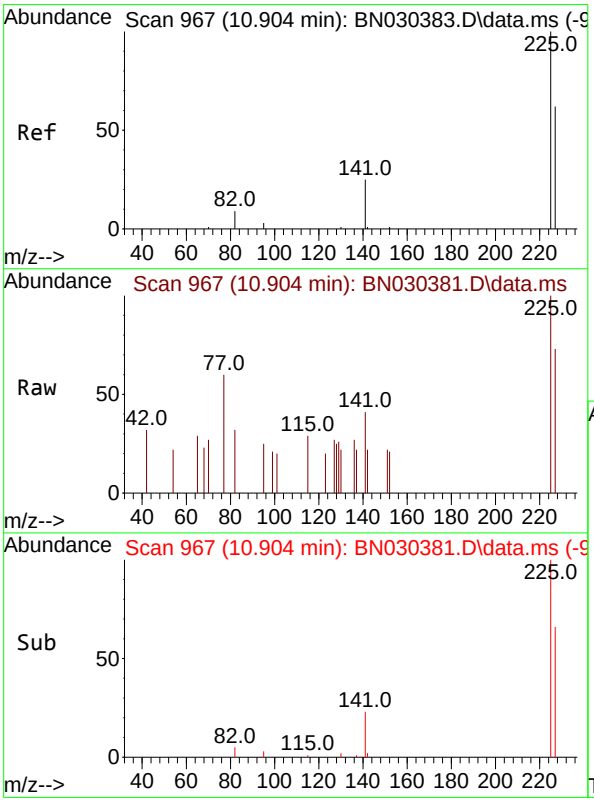
#9
Naphthalene
Concen: 0.100 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1120

Ion	Ratio	Lower	Upper
128	100		
129	18.8	10.8	16.2#
127	21.1	12.9	19.3#

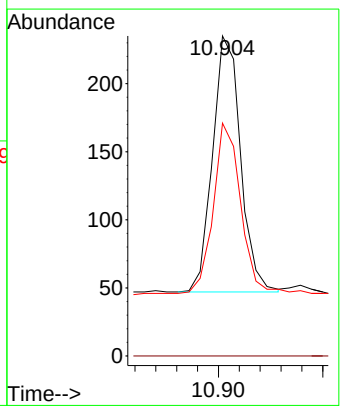


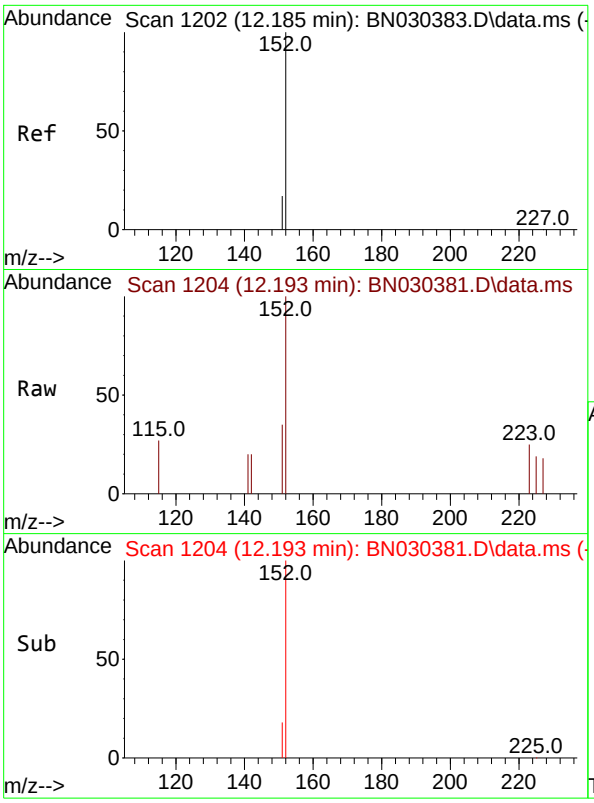


#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 10.904 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:225 Resp: 350

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.5	75.7



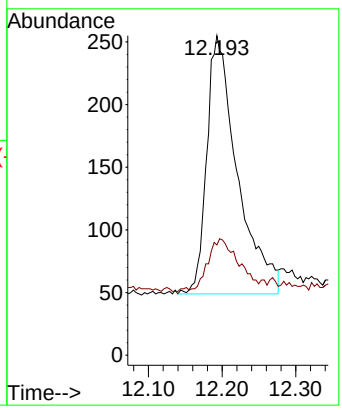


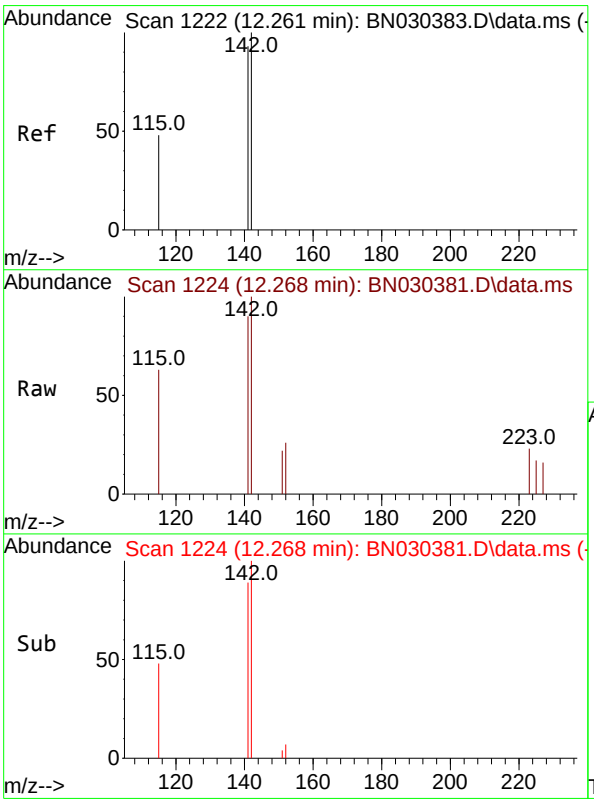
#11
2-Methylnaphthalene-d10
Concen: 0.091 ng
RT: 12.193 min Scan# 1
Delta R.T. 0.008 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 594

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8

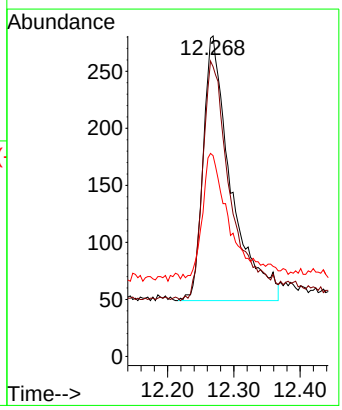


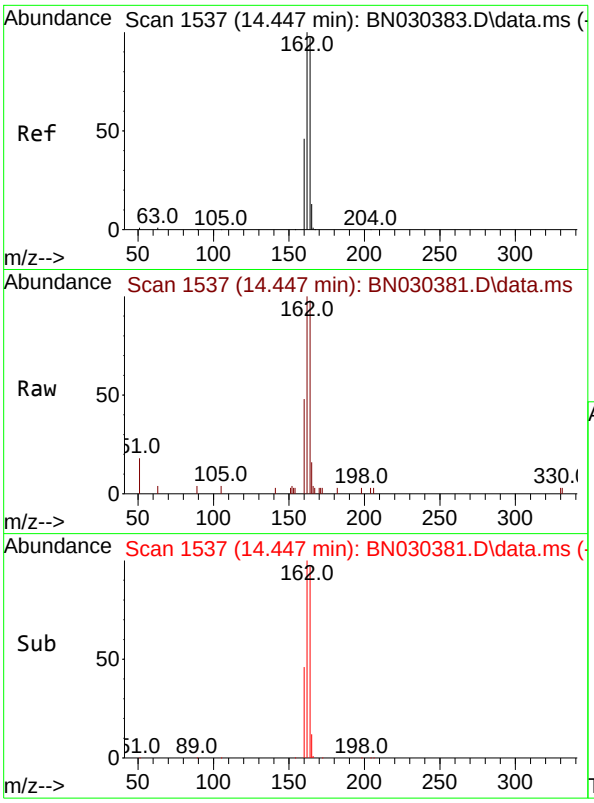


#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.268 min Scan# 1224
Delta R.T. 0.008 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:142 Resp: 675

Ion	Ratio	Lower	Upper
142	100		
141	90.4	74.2	111.4
115	62.6	41.4	62.0#



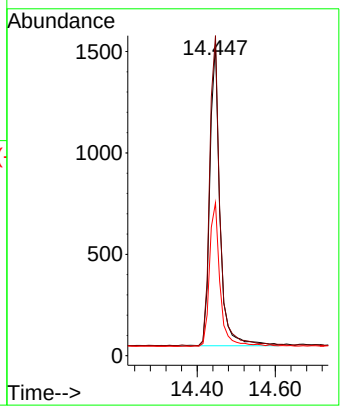


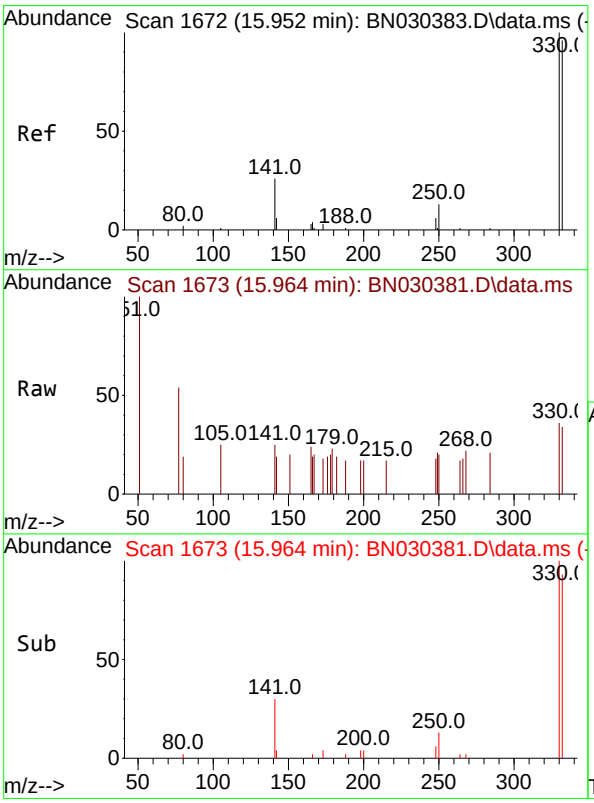
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.447 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 2676

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	124.0
160	49.0	39.5	59.3

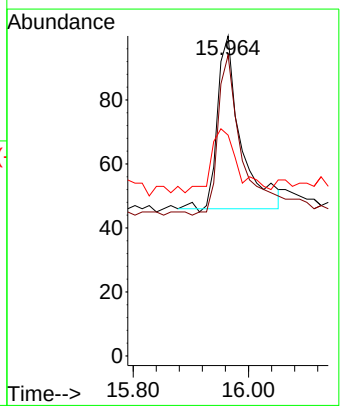


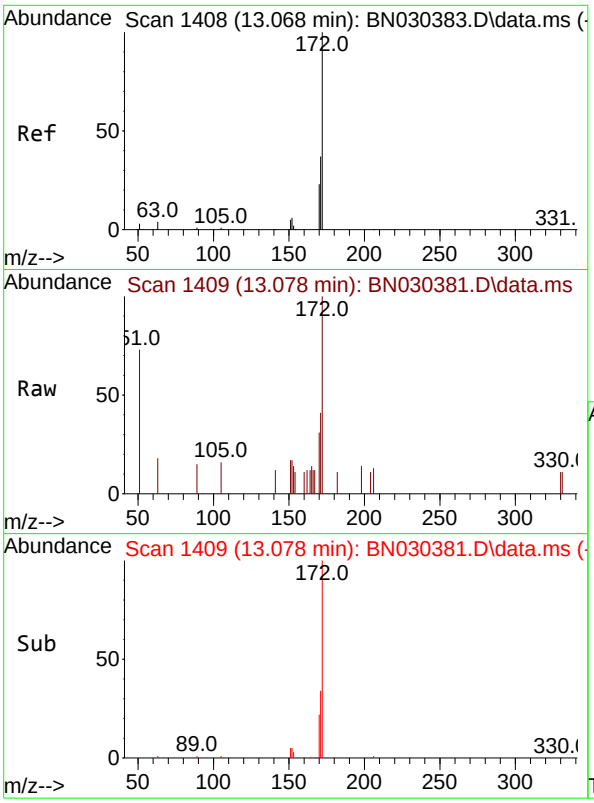


#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 15.964 min Scan# 1673
Delta R.T. 0.013 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:330 Resp: 151

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.2	115.8
141	42.4	31.4	47.2



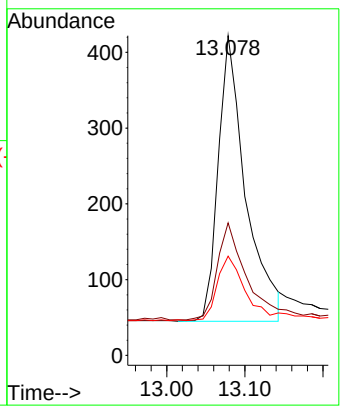


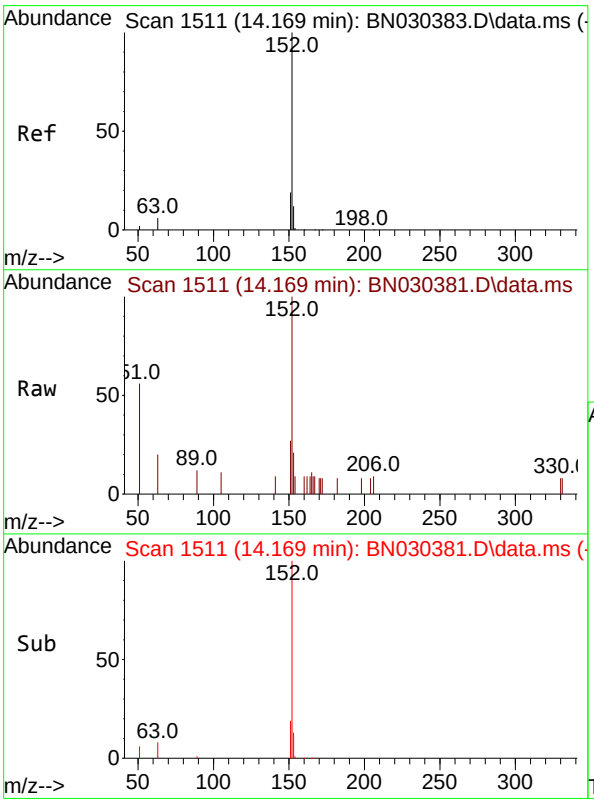
#15
2-Fluorobiphenyl
Concen: 0.085 ng
RT: 13.078 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 919

Ion	Ratio	Lower	Upper
172	100		
171	41.5	31.0	46.6
170	31.0	20.6	31.0#

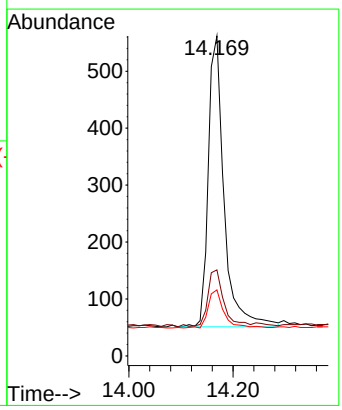


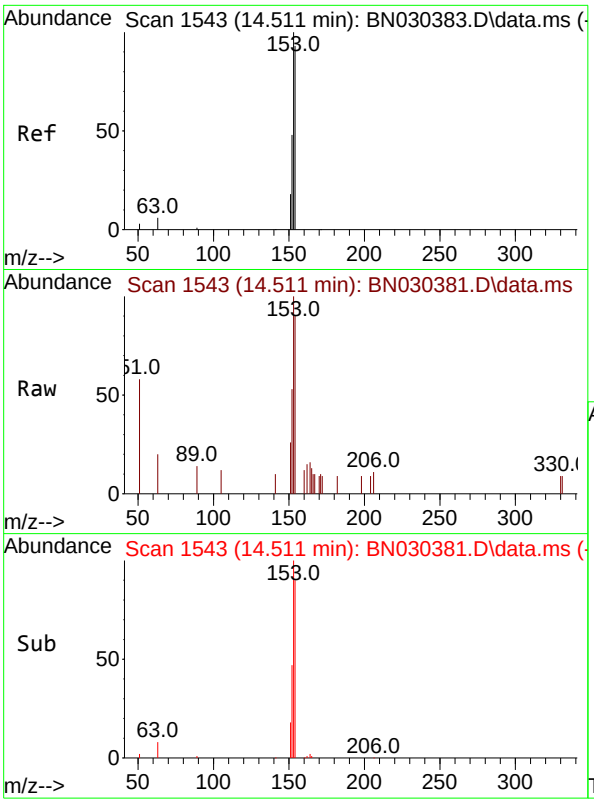


#16
Acenaphthylene
Concen: 0.091 ng
RT: 14.169 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:152 Resp: 1069

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.8
153	13.2	10.4	15.6



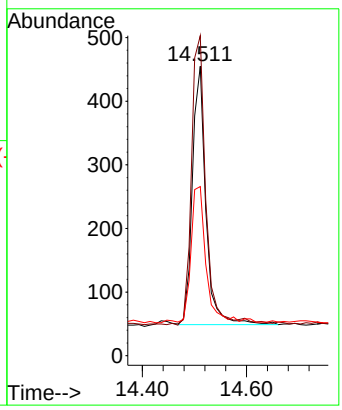


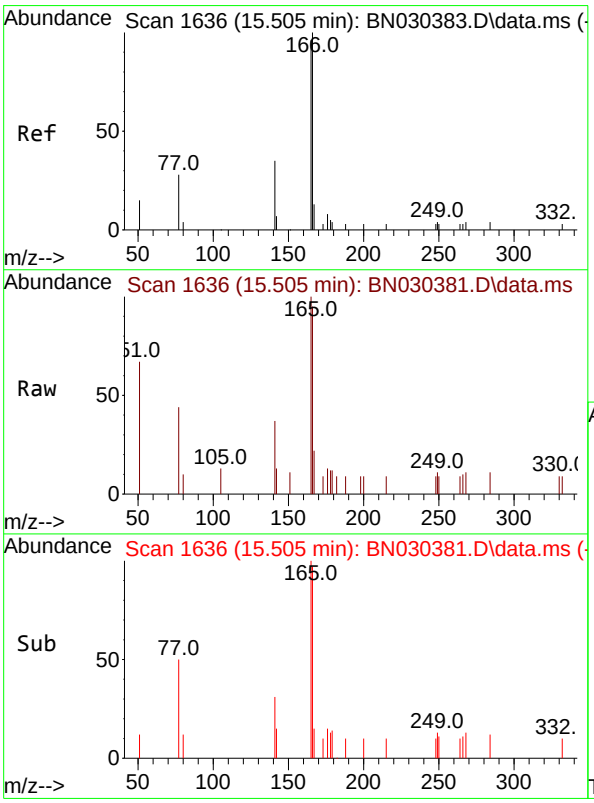
#17
Acenaphthene
Concen: 0.095 ng
RT: 14.511 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 732

Ion	Ratio	Lower	Upper
154	100		
153	119.0	91.6	137.4
152	59.6	45.9	68.9

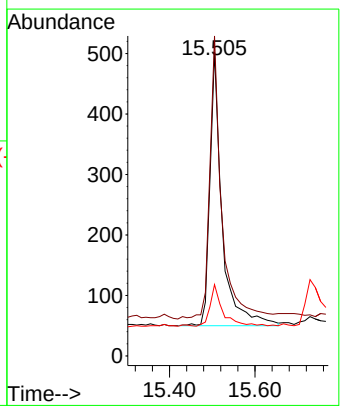


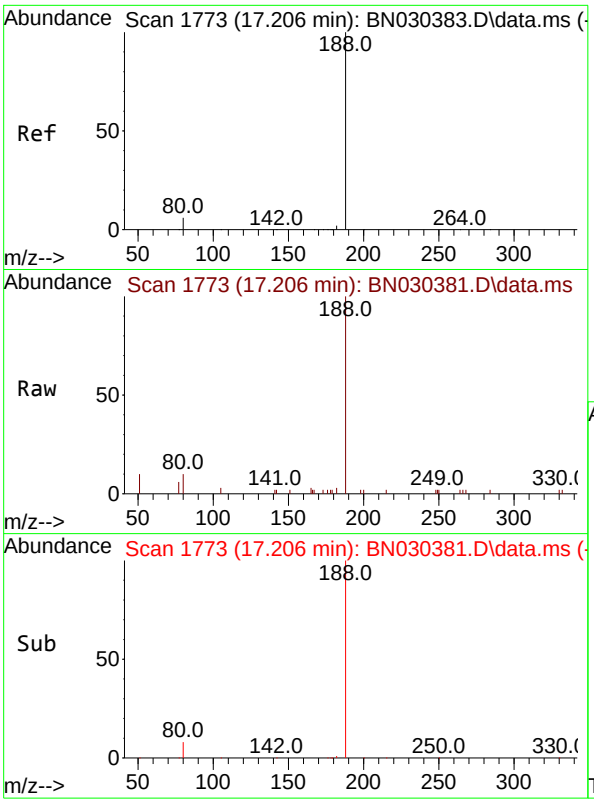


#18
Fluorene
Concen: 0.094 ng
RT: 15.505 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:166 Resp: 893

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.0	118.4
167	16.1	10.2	15.4#



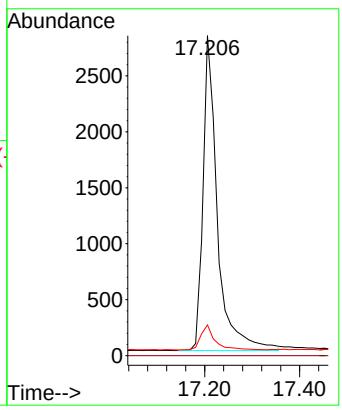


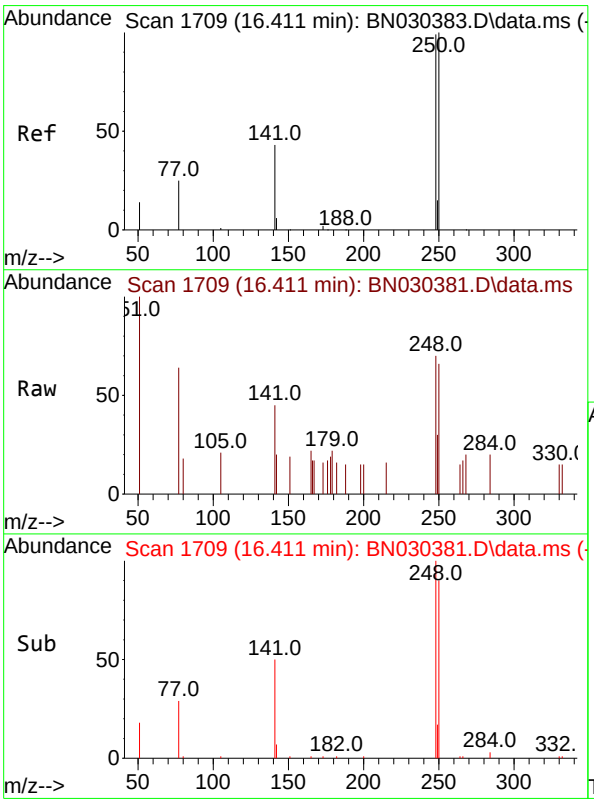
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 5941

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	6.4	9.6

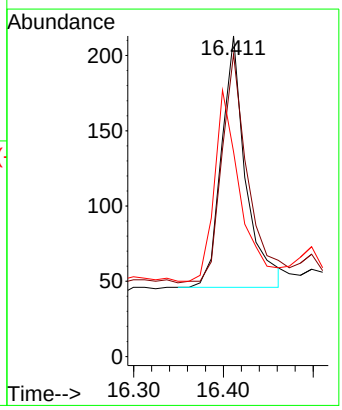


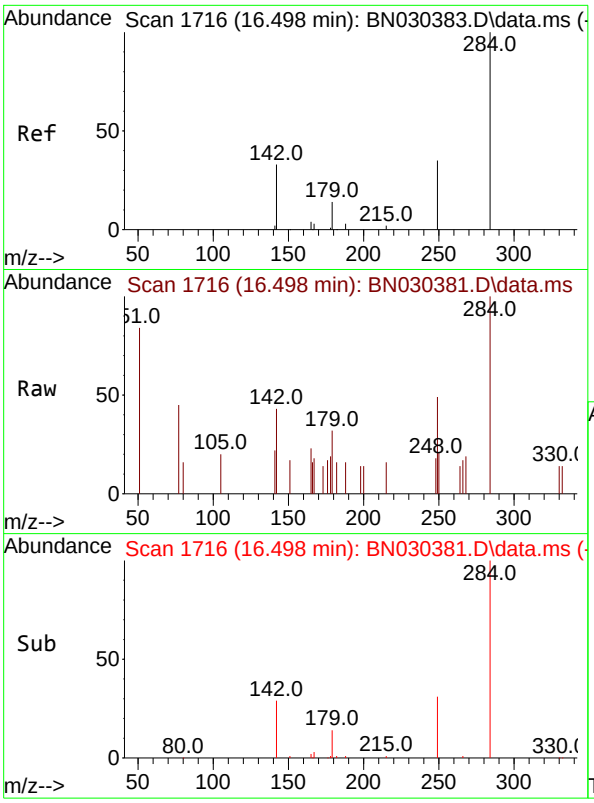


#21
4-Bromophenyl-phenylether
Concen: 0.090 ng
RT: 16.411 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:248 Resp: 314

Ion	Ratio	Lower	Upper
248	100		
250	94.4	81.0	121.4
141	63.8	39.2	58.8#



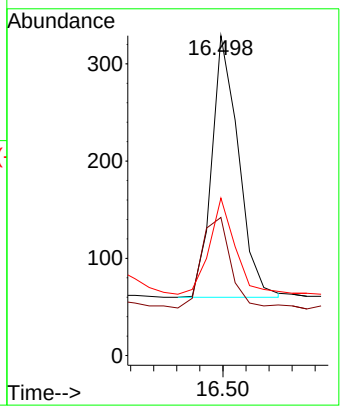


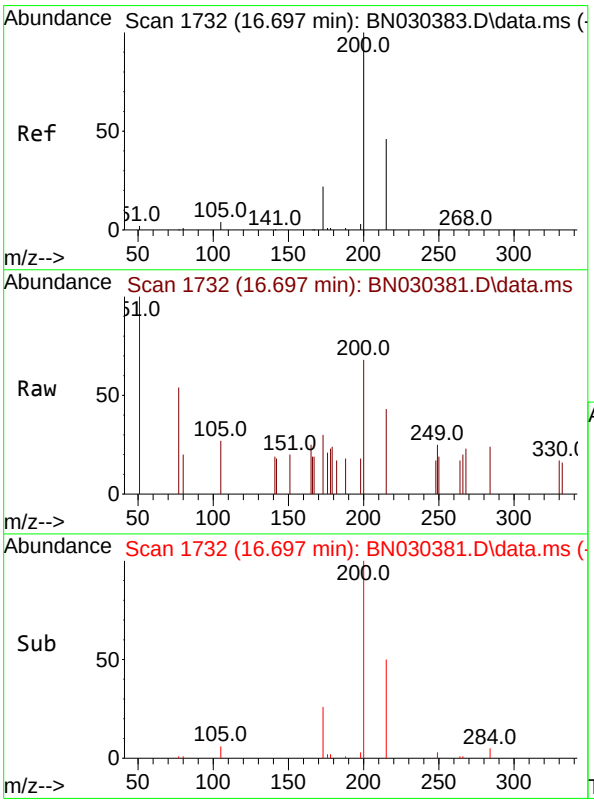
#22
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 433

Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.7	44.5
249	35.6	27.2	40.8

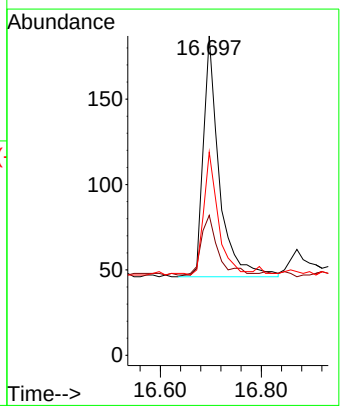


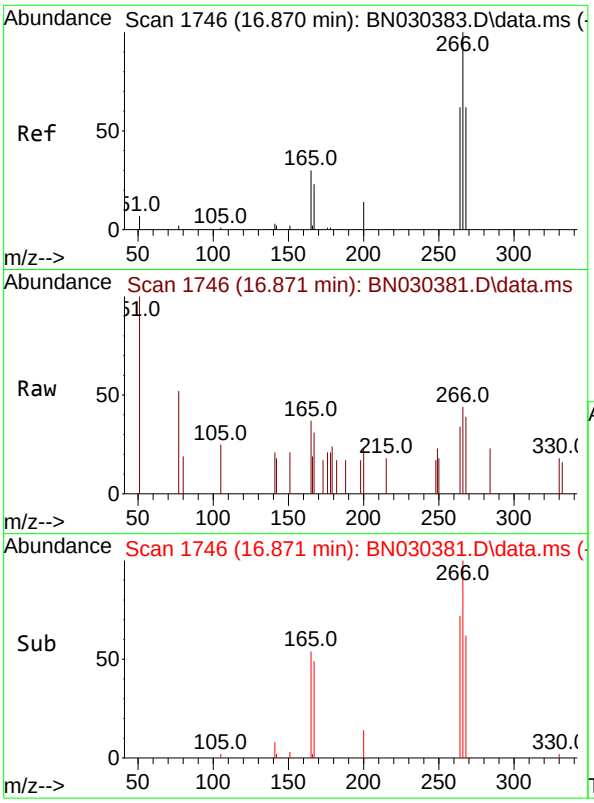


#23
Atrazine
Concen: 0.098 ng
RT: 16.697 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:200 Resp: 308

Ion	Ratio	Lower	Upper
200	100		
173	43.9	23.5	35.3#
215	63.6	41.3	61.9#



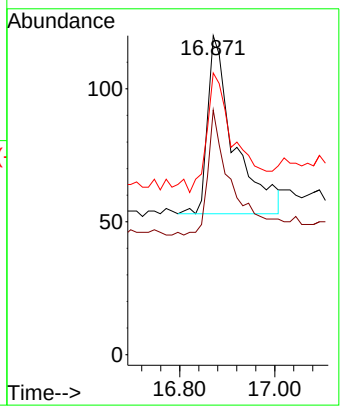


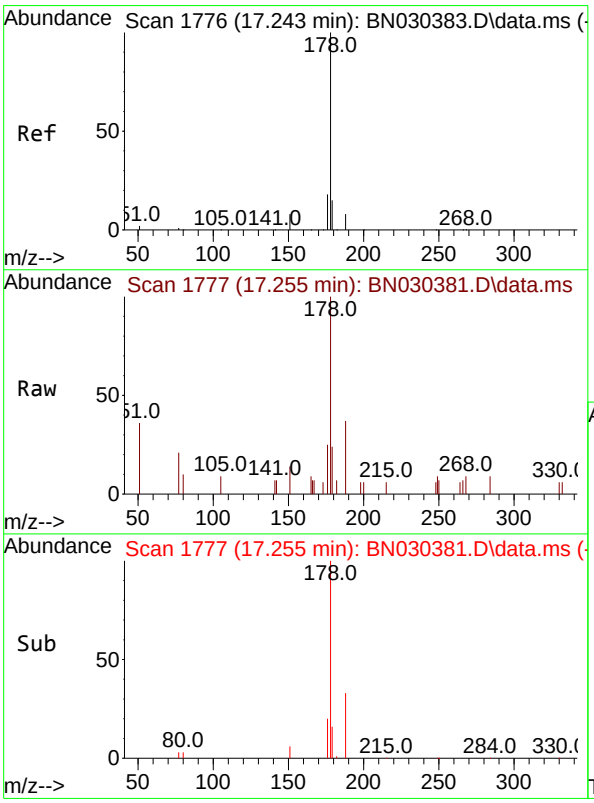
#24
Pentachlorophenol
Concen: 0.118 ng
RT: 16.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 259

Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.9	76.3
268	70.7	54.2	81.4

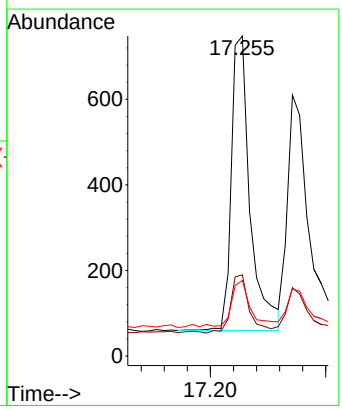


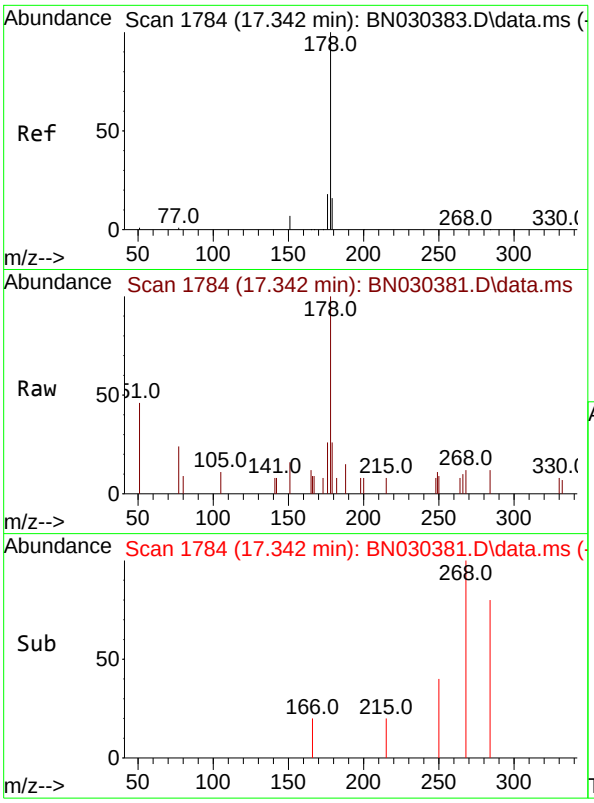


#25
Phenanthrene
Concen: 0.098 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.013 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:178 Resp: 1552

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	14.8	12.1	18.1



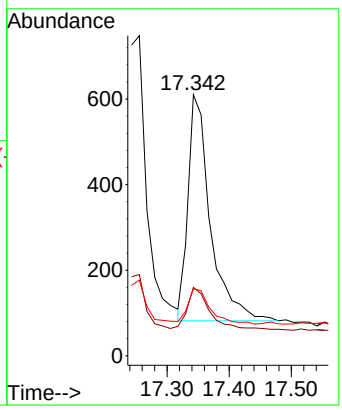


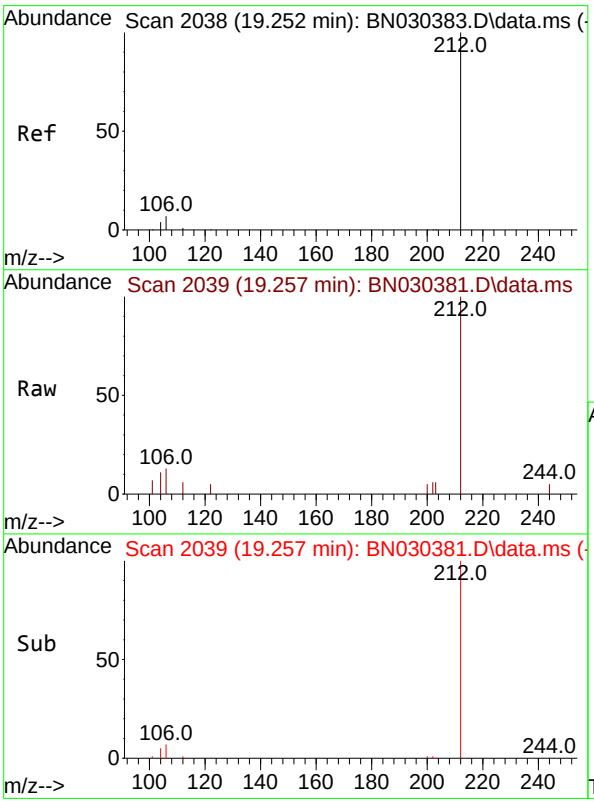
#26
Anthracene
Concen: 0.091 ng
RT: 17.342 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 1321

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.8	22.2
179	16.0	11.8	17.6

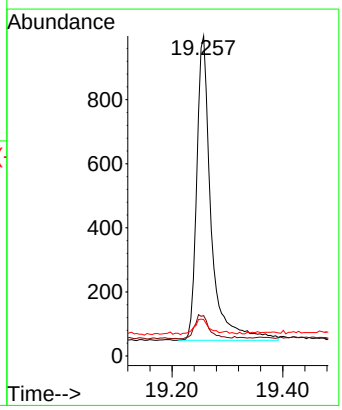


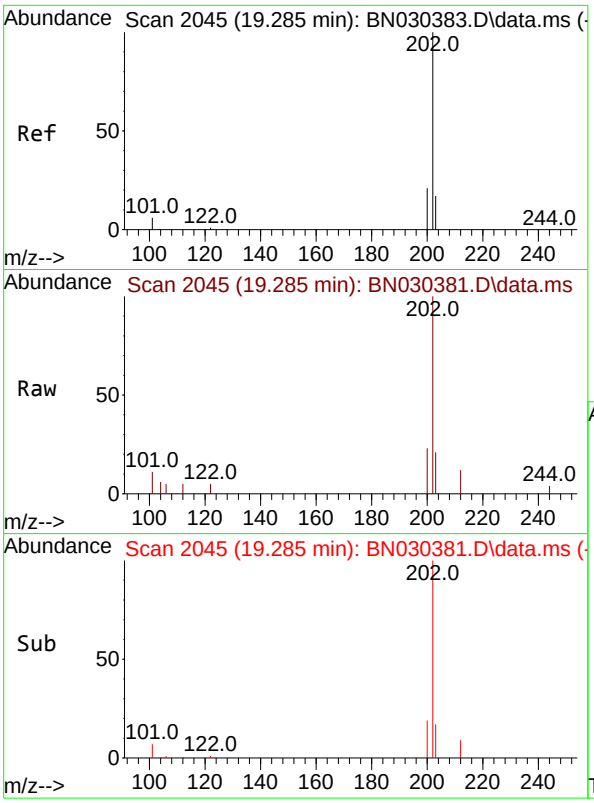


#27
Fluoranthene-d10
Concen: 0.099 ng
RT: 19.257 min Scan# 2039
Delta R.T. 0.005 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:212 Resp: 1709

Ion	Ratio	Lower	Upper
212	100		
106	7.9	6.0	9.0
104	5.3	3.4	5.0#



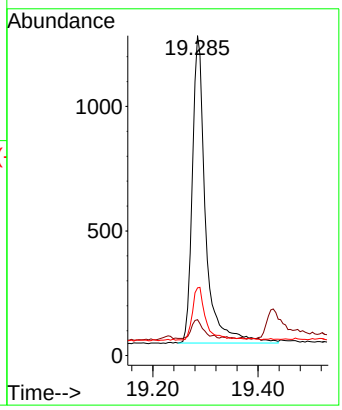


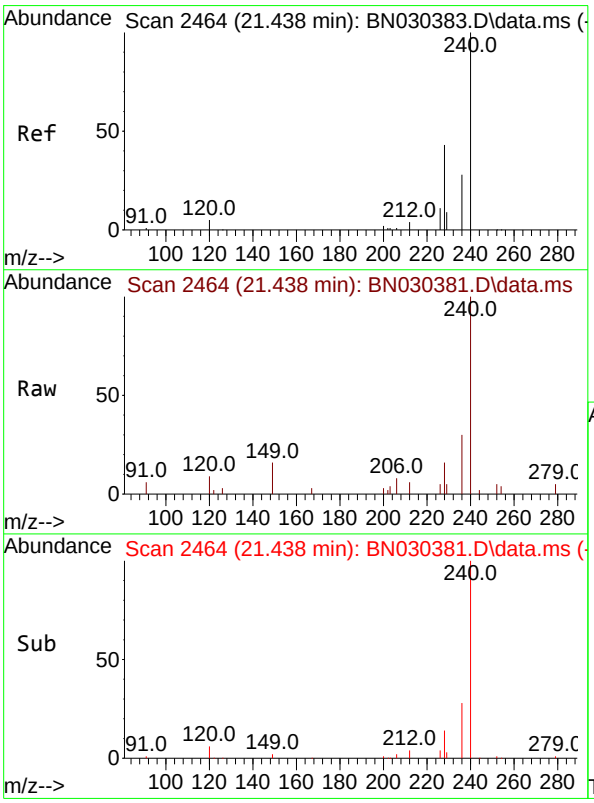
#28
Fluoranthene
Concen: 0.101 ng
RT: 19.285 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2159

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	6.8
203	16.8	13.4	20.0

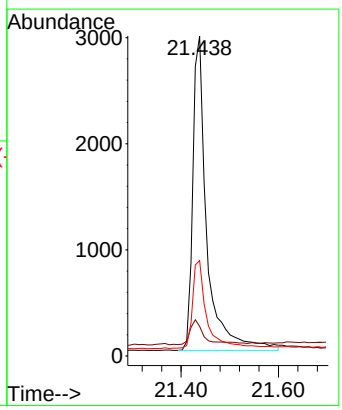


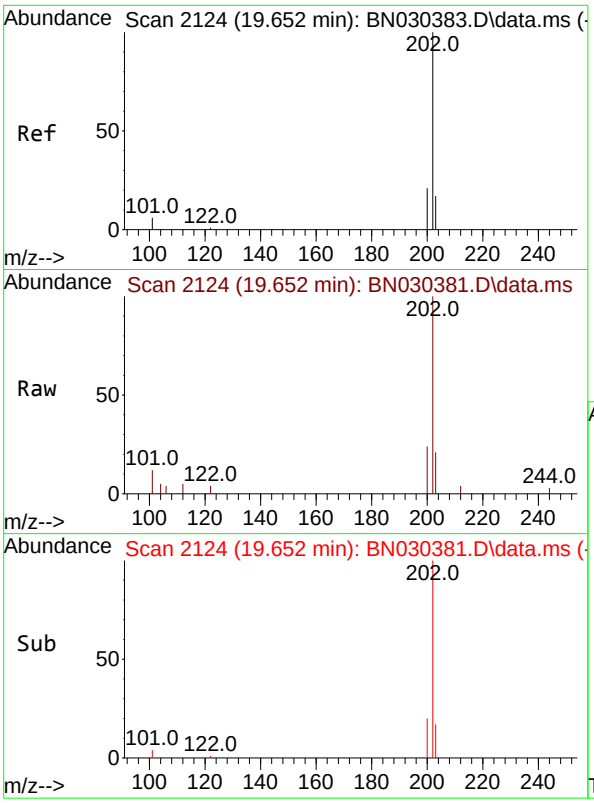


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2464
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:240 Resp: 5939

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.7	10.1
236	29.8	23.8	35.8



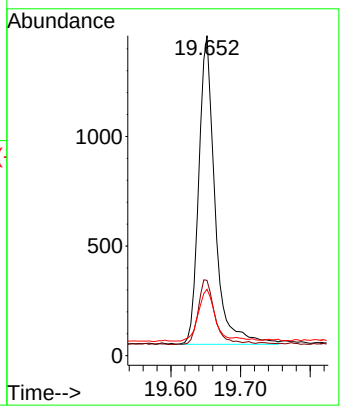


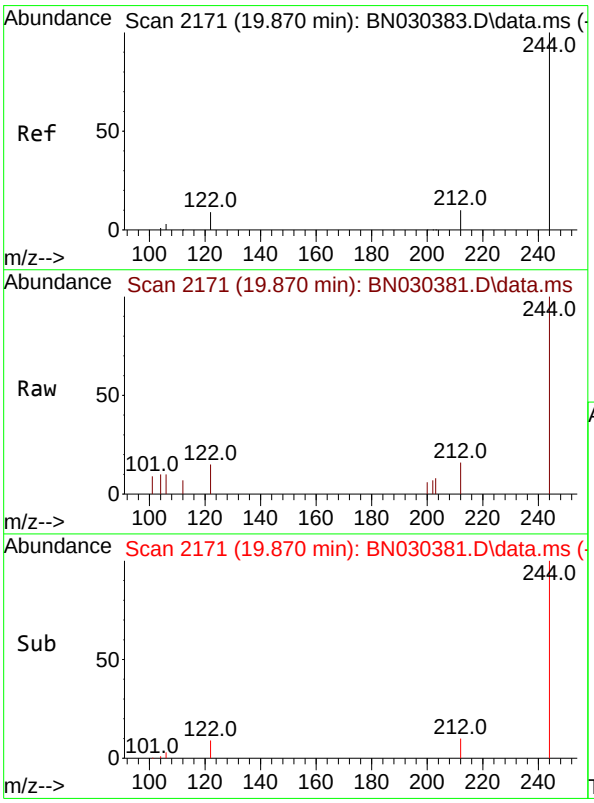
#30
Pyrene
Concen: 0.103 ng
RT: 19.652 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 2284

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	16.9	13.8	20.8

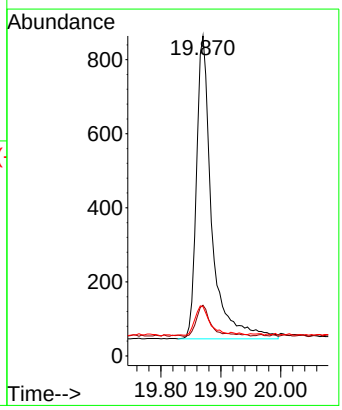


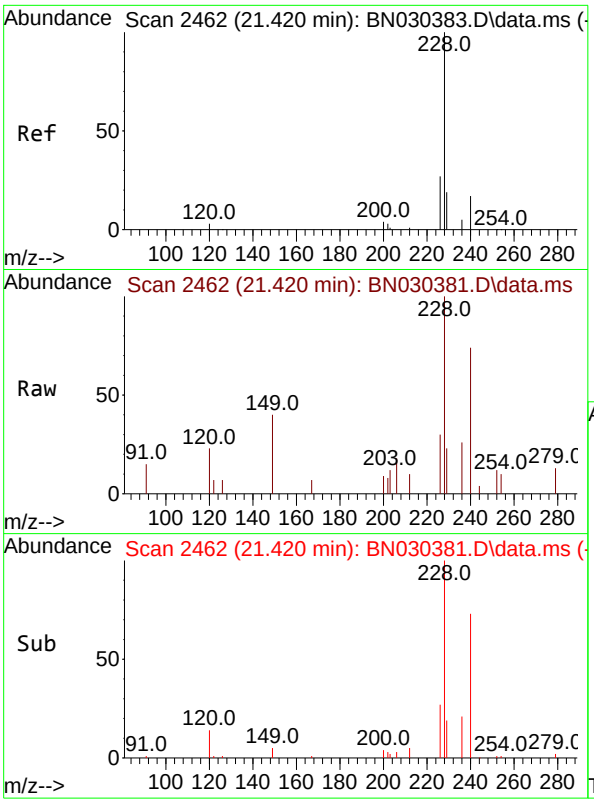


#31
Terphenyl-d14
Concen: 0.108 ng
RT: 19.870 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:244 Resp: 1457

Ion	Ratio	Lower	Upper
244	100		
212	15.9	9.8	14.6#
122	15.4	8.6	12.8#



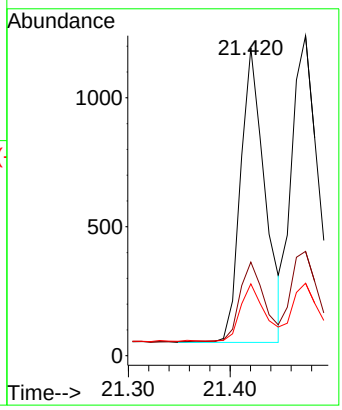


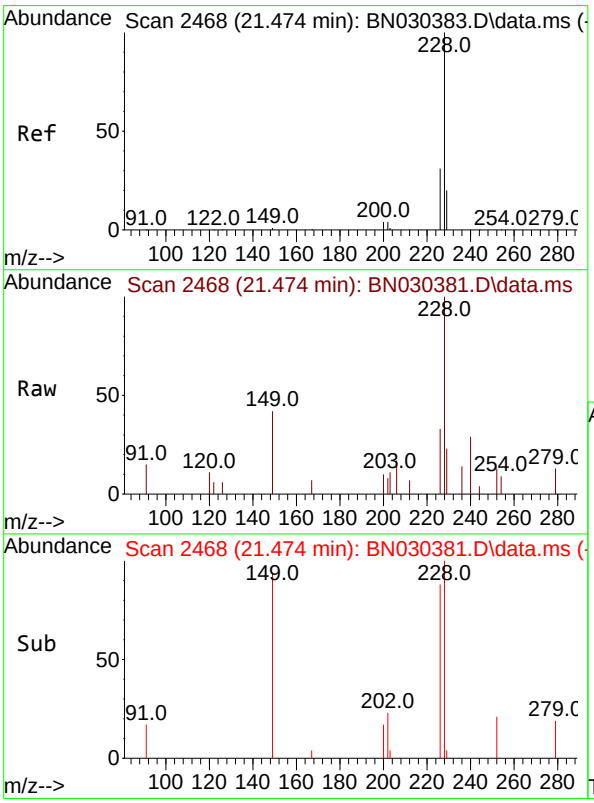
#32
Benzo(a)anthracene
Concen: 0.096 ng
RT: 21.420 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 1895

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.2	33.2
229	23.4	16.4	24.6

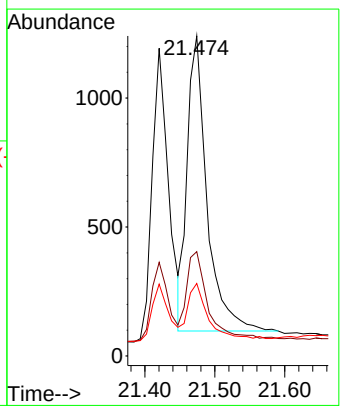


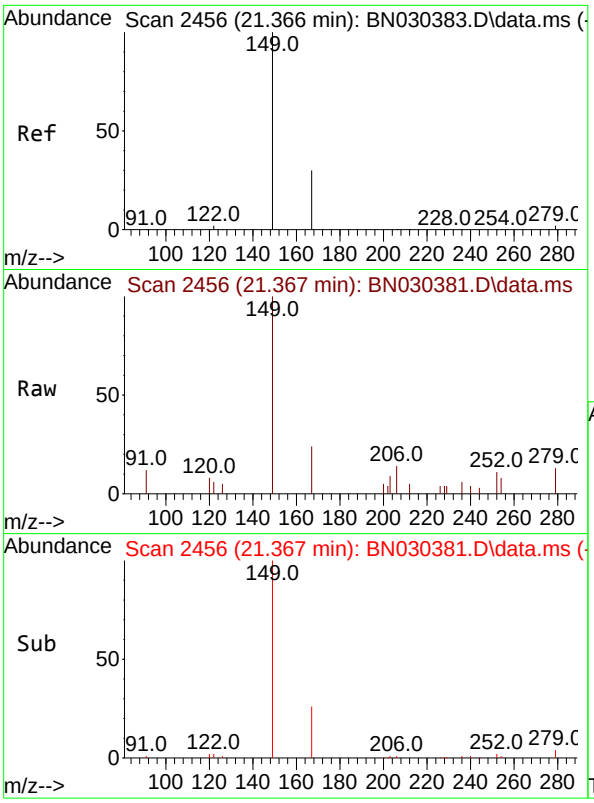


#33
Chrysene
Concen: 0.103 ng
RT: 21.474 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:228 Resp: 2246

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	22.6	16.9	25.3



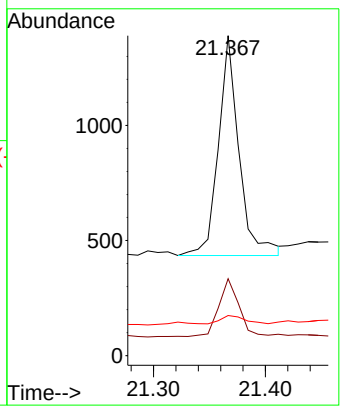


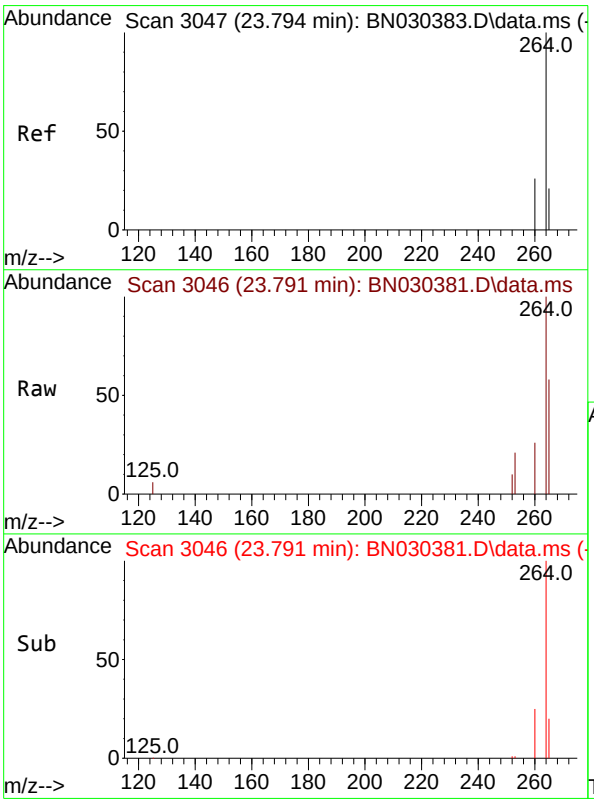
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.118 ng
RT: 21.367 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 1221

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.8	35.6
279	4.3	5.1	7.7#

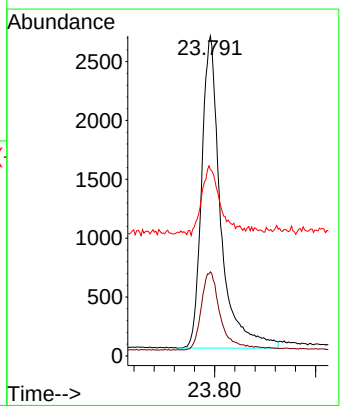


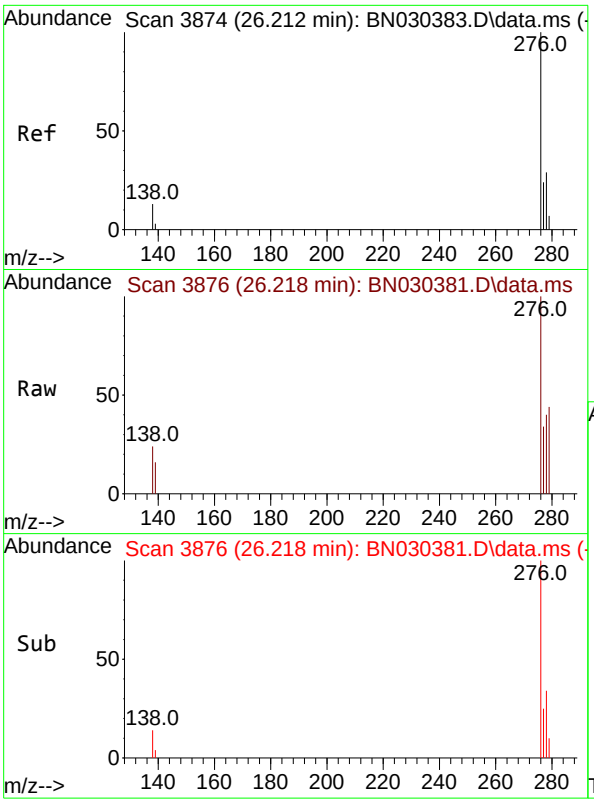


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.791 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:264 Resp: 6935

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.8	32.8
265	58.4	50.6	75.8



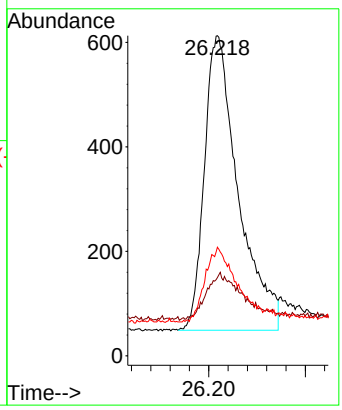


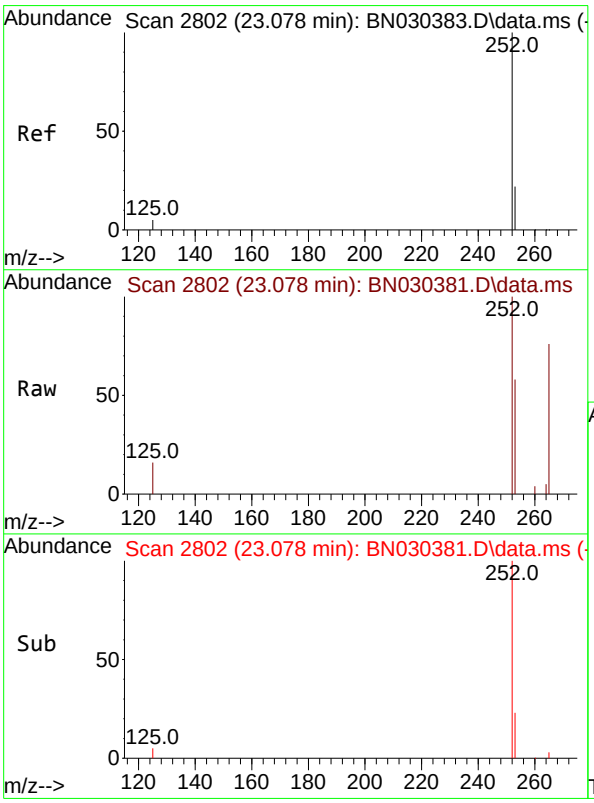
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng
RT: 26.218 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 2750

Ion	Ratio	Lower	Upper
276	100		
138	7.5	5.1	7.7
277	23.7	18.4	27.6

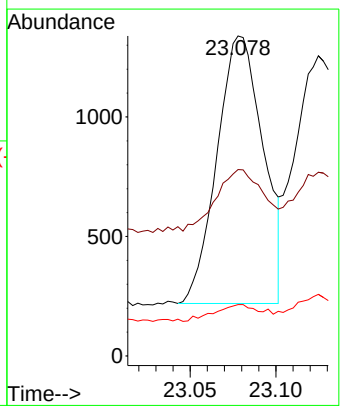


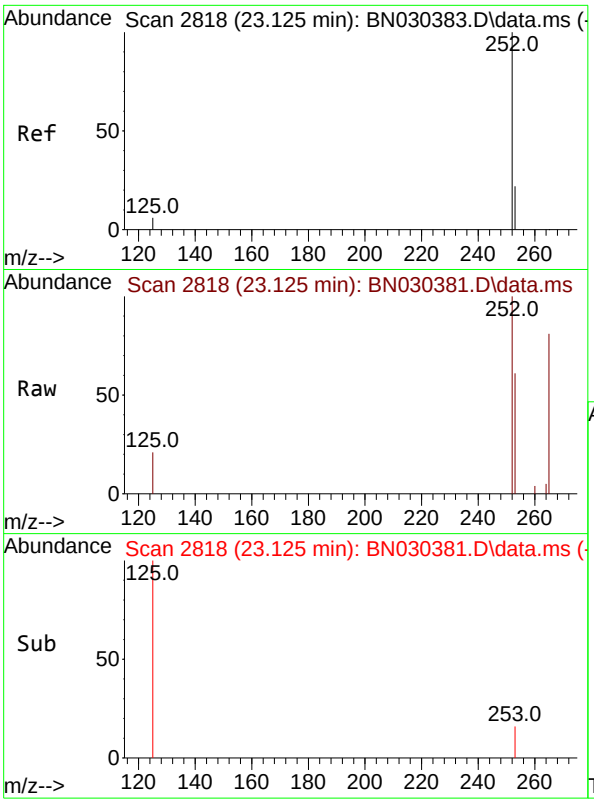


#37
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.078 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:252 Resp: 2101

Ion	Ratio	Lower	Upper
252	100		
253	58.3	26.7	40.1#
125	16.1	6.8	10.2#



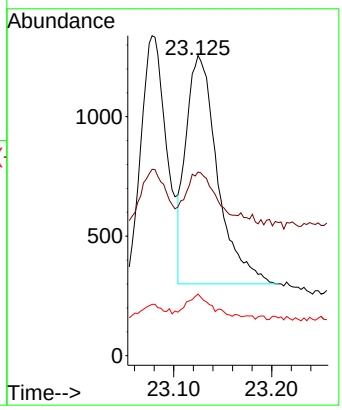


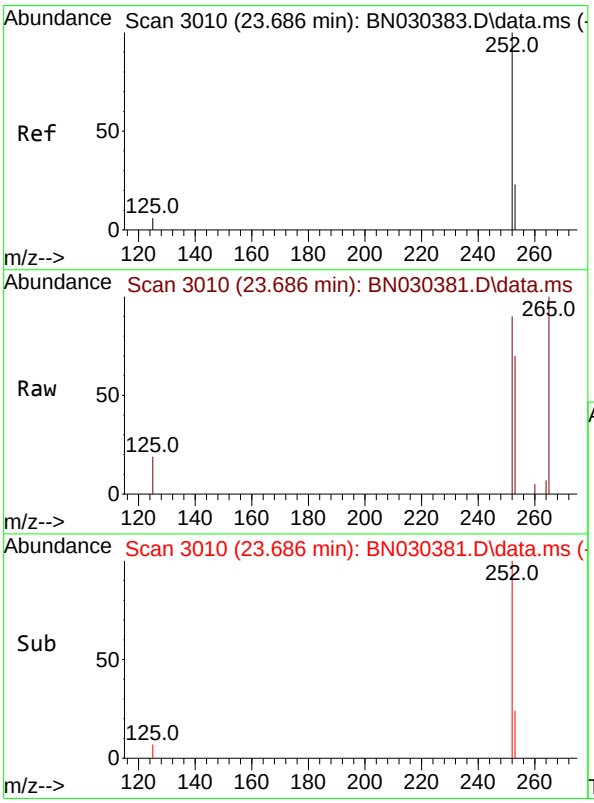
#38
Benzo(k)fluoranthene
Concen: 0.094 ng
RT: 23.125 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2145

Ion	Ratio	Lower	Upper
252	100		
253	61.2	26.6	39.8#
125	20.5	7.2	10.8#

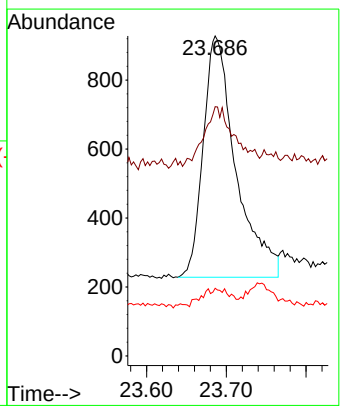


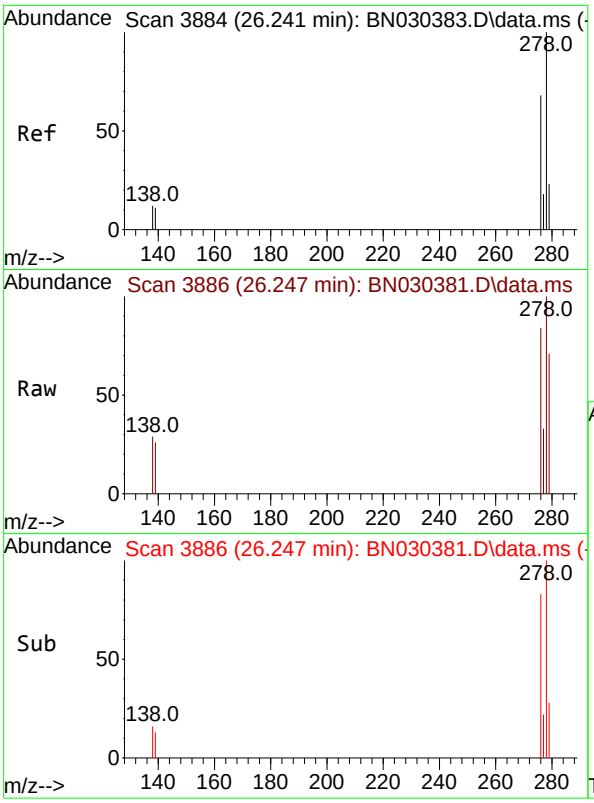


#39
Benzo(a)pyrene
Concen: 0.095 ng
RT: 23.686 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:252 Resp: 1988

Ion	Ratio	Lower	Upper
252	100		
253	77.9	31.5	47.3#
125	21.1	8.6	12.8#



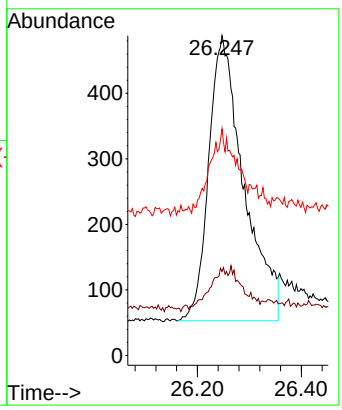


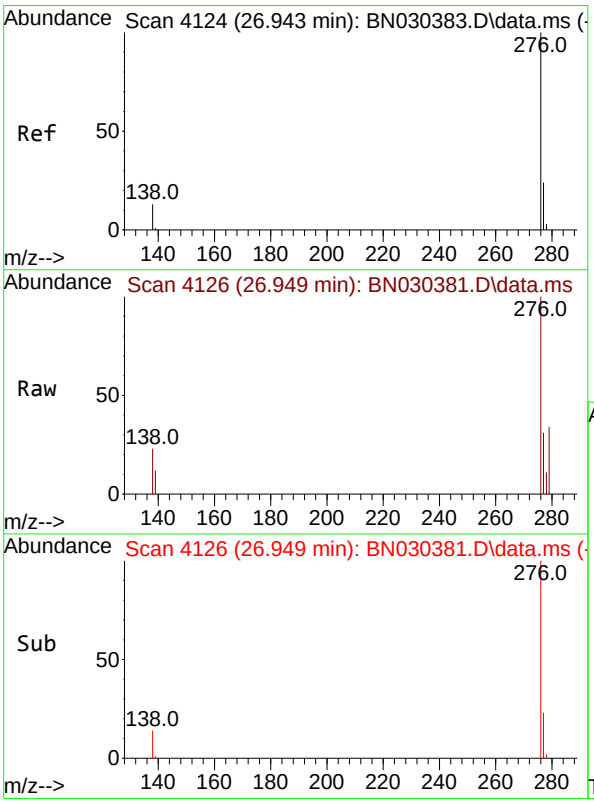
#40
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 26.247 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 2038

Ion	Ratio	Lower	Upper
278	100		
139	26.2	11.8	17.6#
279	70.9	27.8	41.8#





#41
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 26.949 min Scan# 4126
Delta R.T. 0.006 min
Lab File: BN030381.D
Acq: 13 Mar 2024 14:33

Tgt Ion:276 Resp: 2597

Ion	Ratio	Lower	Upper
276	100		
277	31.0	20.9	31.3
138	23.3	13.0	19.4#