Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030537.D
Acq On : 29 Mar 2024 18:58
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 29 23:24:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:21:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6610	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	19704	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	11252	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	24636	0.400	ng		0.00
29) Chrysene-d12	21.285	240	23575	0.400	ng		0.00
35) Perylene-d12	23.527	264	21327	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	48628	3.529	ng		0.00
5) Phenol-d6	6.873	99	64814	3.759	ng		0.00
8) Nitrobenzene-d5	8.852	82	47367	3.606	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	100459	3.444	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	15885	4.265	ng		0.00
15) 2-Fluorobiphenyl	12.959	172	136564	3.110	ng		-0.01
27) Fluoranthene-d10	19.126	212	228214	3.631	ng		0.00
31) Terphenyl-d14	19.730	244	176579	3.275	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	23910	2.865	ng		97
3) n-Nitrosodimethylamine	3.537	42	26197	3.565	ng		100
6) bis(2-Chloroethyl)ether	7.133	93	60784	3.433	ng		98
9) Naphthalene	10.539	128	178585	3.333	ng		99
10) Hexachlorobutadiene	10.816	225	35451	3.178	ng	#	100
12) 2-Methylnaphthalene	12.157	142	119396	3.438	ng		99
16) Acenaphthylene	14.060	152	178776	3.782	ng		100
17) Acenaphthene	14.402	154	118674	3.498	ng		97
18) Fluorene	15.396	166	154684	3.513	ng		99
20) 4,6-Dinitro-2-methylph...	15.471	198	11696	5.117	ng	#	54
21) 4-Bromophenyl-phenylether	16.283	248	50294	3.506	ng		96
22) Hexachlorobenzene	16.395	284	57877	3.306	ng		99
23) Atrazine	16.556	200	39111	3.971	ng		99
24) Pentachlorophenol	16.742	266	22615	5.205	ng		97
25) Phenanthrene	17.127	178	245073	3.468	ng		99
26) Anthracene	17.227	178	219604	3.900	ng		100
28) Fluoranthene	19.154	202	298980	3.631	ng		100
30) Pyrene	19.521	202	304553	3.382	ng		100
32) Benzo(a)anthracene	21.267	228	285992	3.624	ng		100
33) Chrysene	21.321	228	289023	3.256	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	134372	4.159	ng		99
36) Indeno(1,2,3-cd)pyrene	25.796	276	324767	3.651	ng		100
37) Benzo(b)fluoranthene	22.852	252	294989	3.547	ng	#	95
38) Benzo(k)fluoranthene	22.896	252	291873	3.485	ng	#	95
39) Benzo(a)pyrene	23.431	252	242556	3.743	ng	#	91
40) Dibenzo(a,h)anthracene	25.814	278	258301	3.673	ng		97
41) Benzo(g,h,i)perylene	26.486	276	270004	3.490	ng		98

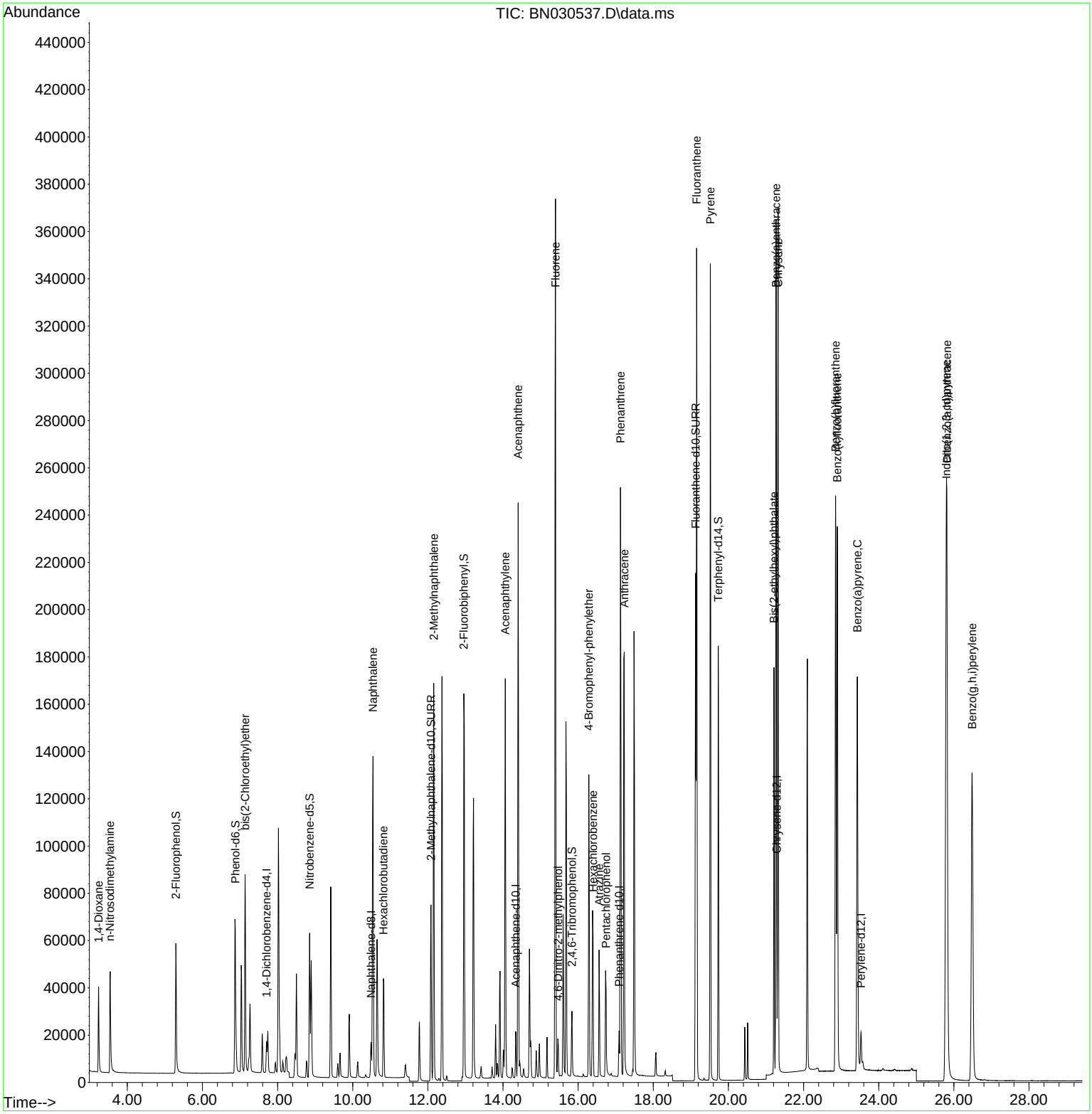
(#) = qualifier out of range (m) = manual integration (+) = signals summed

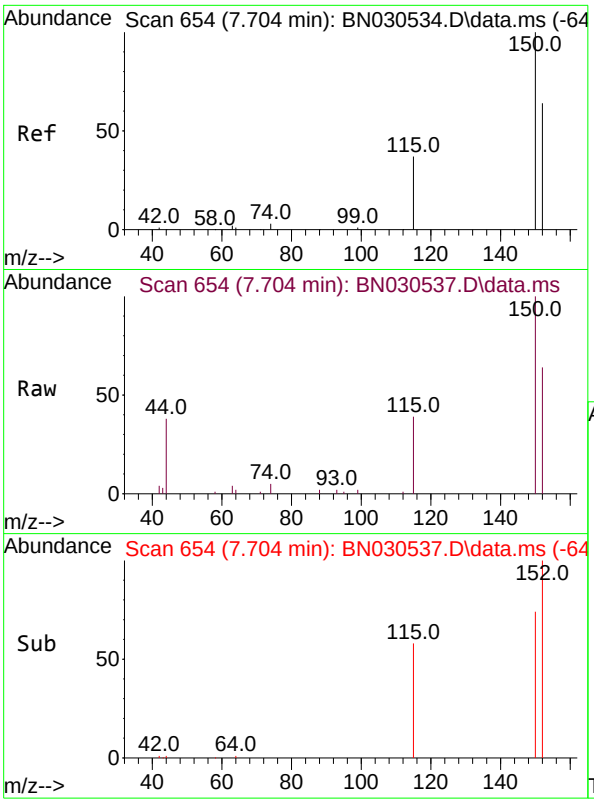
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030537.D
Acq On : 29 Mar 2024 18:58
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 29 23:24:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:21:18 2024
Response via : Initial Calibration



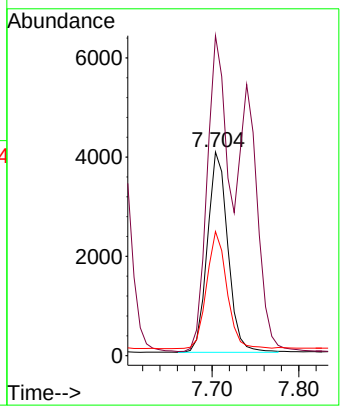


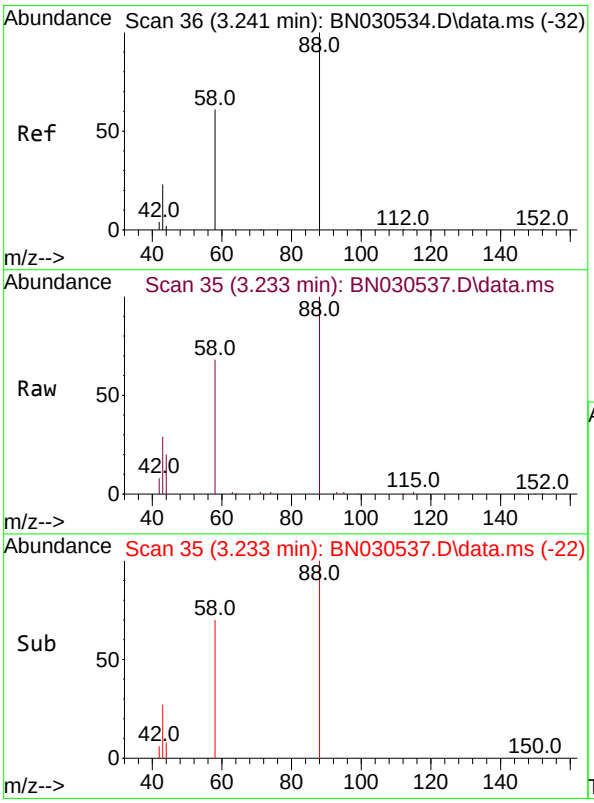
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6610

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.4
115	61.0	48.6	72.8

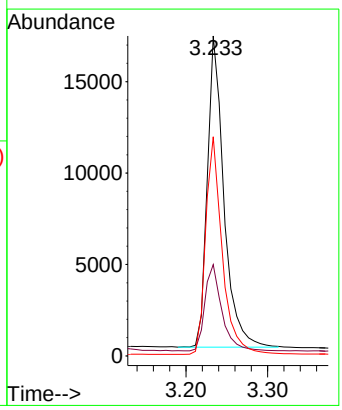


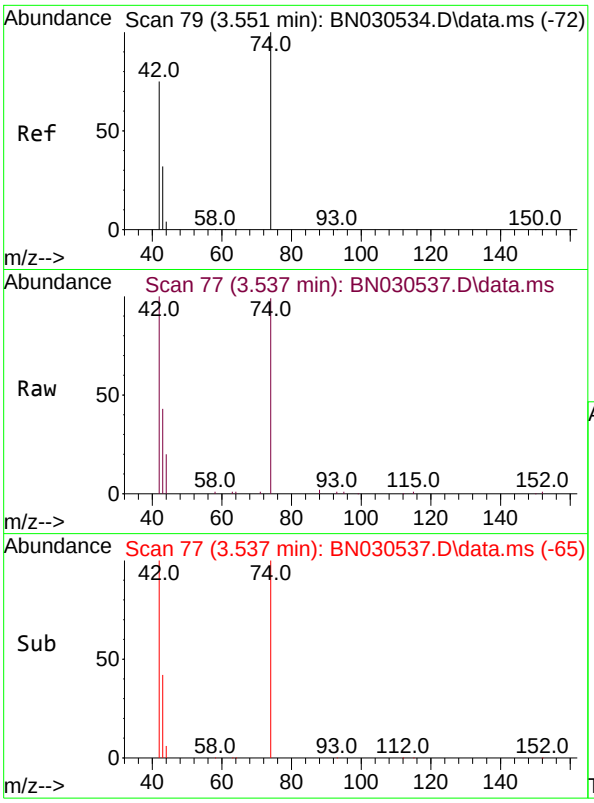


#2
1,4-Dioxane
Concen: 2.865 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion: 88 Resp: 23910

Ion	Ratio	Lower	Upper
88	100		
43	28.3	21.9	32.9
58	70.1	53.4	80.2



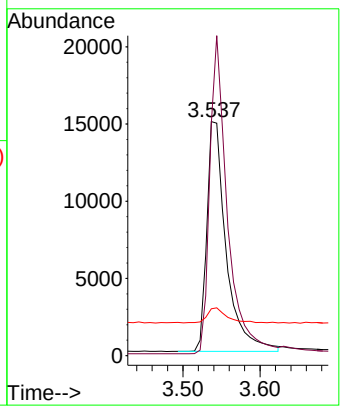


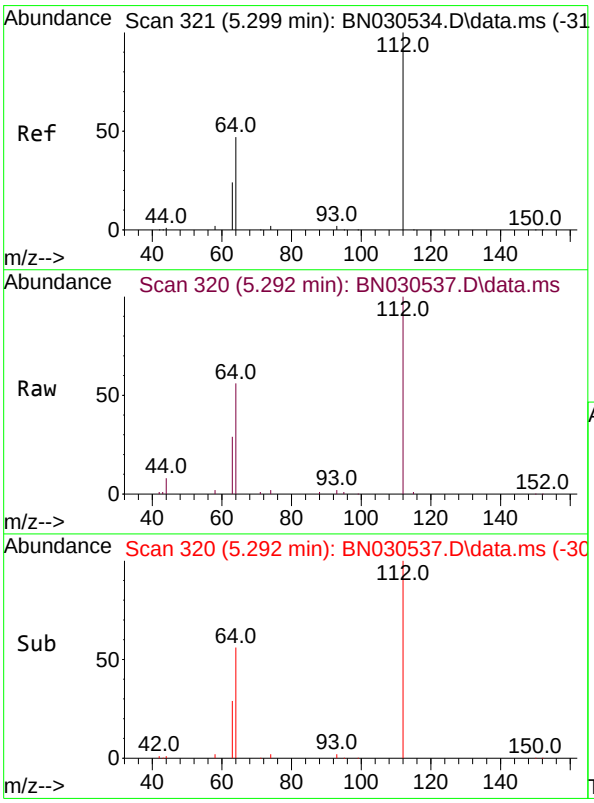
#3
n-Nitrosodimethylamine
Concen: 3.565 ng
RT: 3.537 min Scan# 7
Delta R.T. -0.014 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 26197

Ion	Ratio	Lower	Upper
42	100		
74	126.0	100.9	151.3
44	6.5	5.8	8.6

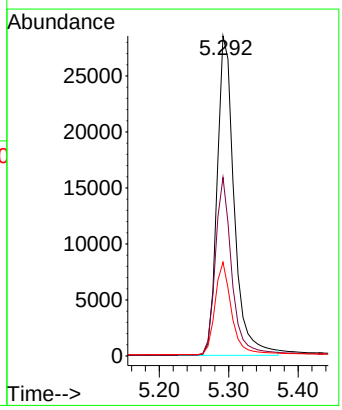


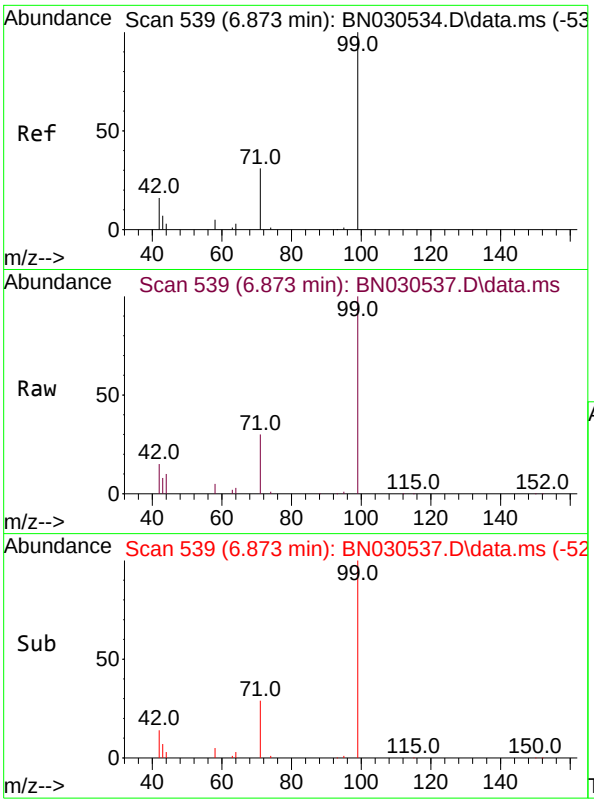


#4
2-Fluorophenol
Concen: 3.529 ng
RT: 5.292 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:112 Resp: 48628

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.2	64.8
63	28.0	22.5	33.7



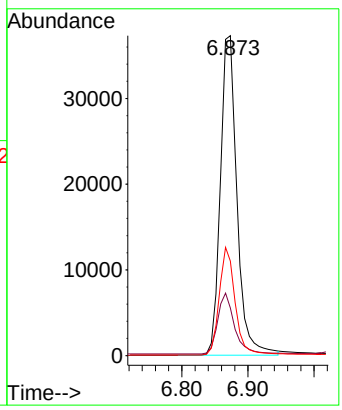


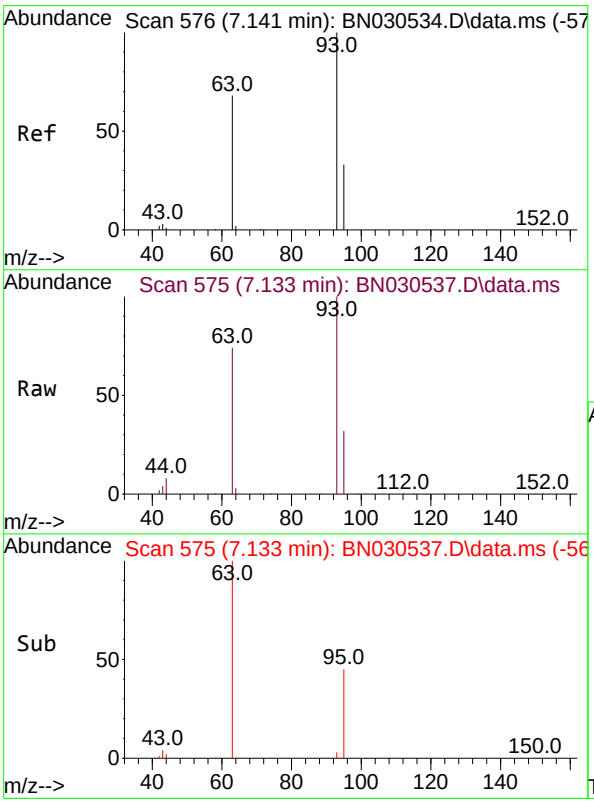
#5
Phenol-d6
Concen: 3.759 ng
RT: 6.873 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 64814

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	32.3	25.9	38.9

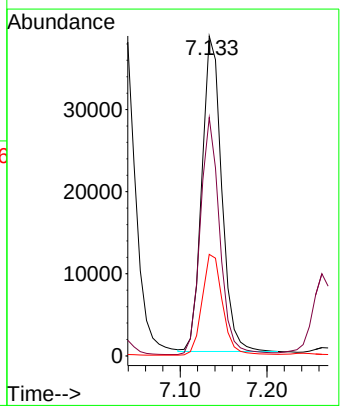


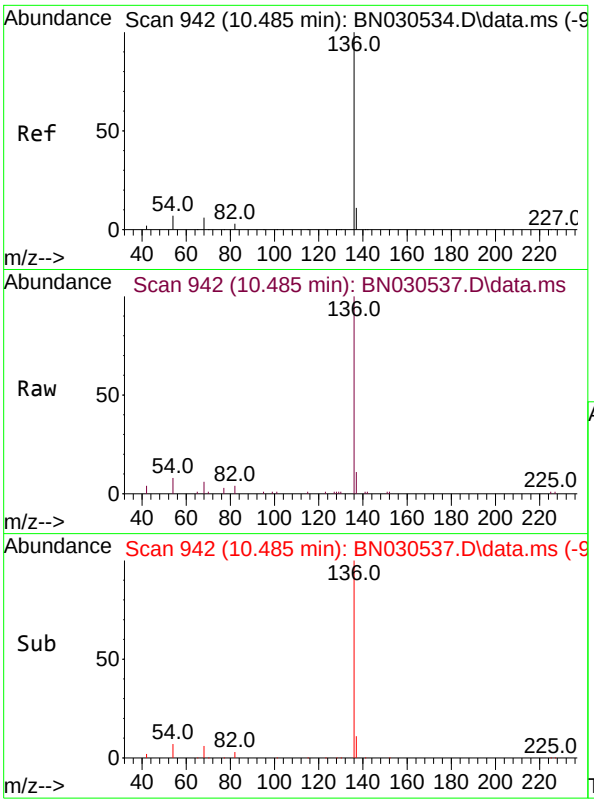


#6
bis(2-Chloroethyl)ether
Concen: 3.433 ng
RT: 7.133 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion: 93 Resp: 60784

Ion	Ratio	Lower	Upper
93	100		
63	73.6	60.5	90.7
95	33.1	27.5	41.3



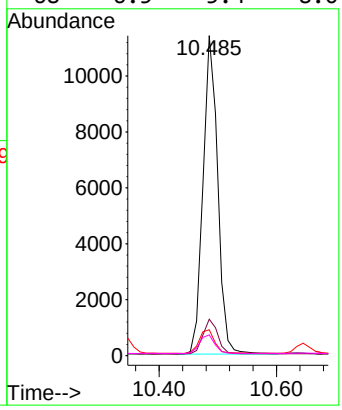


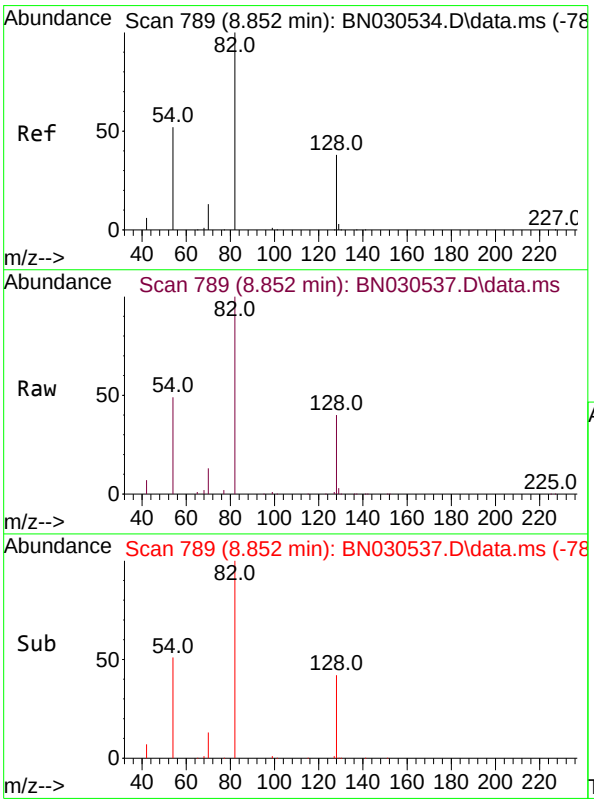
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19704

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.1	6.4	9.6
68	6.5	5.4	8.0

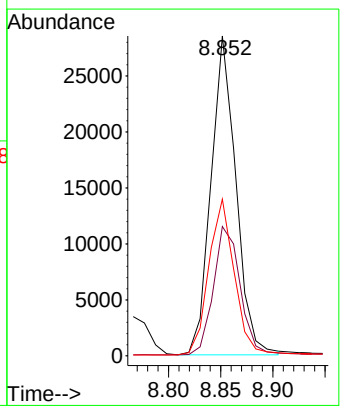


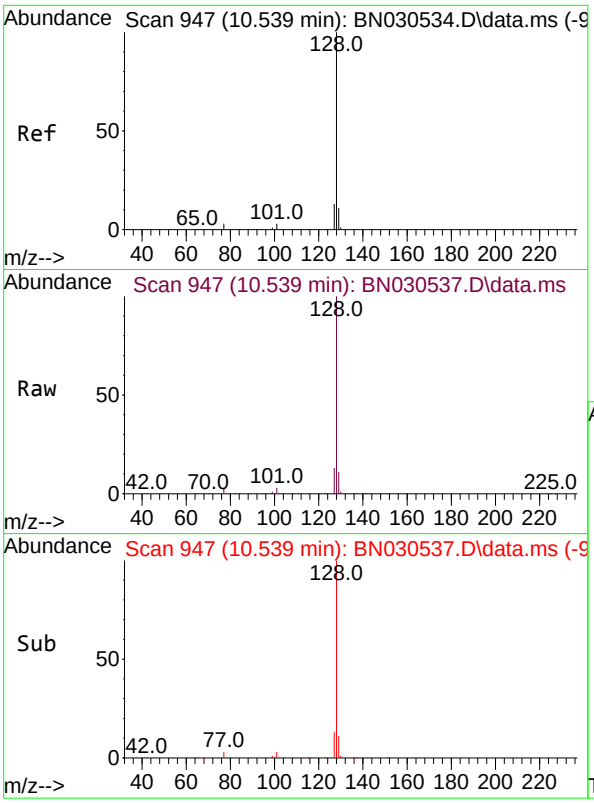


#8
Nitrobenzene-d5
Concen: 3.606 ng
RT: 8.852 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion: 82 Resp: 47367

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.3	48.5
54	49.0	42.7	64.1



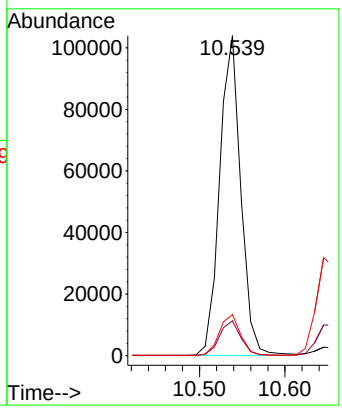


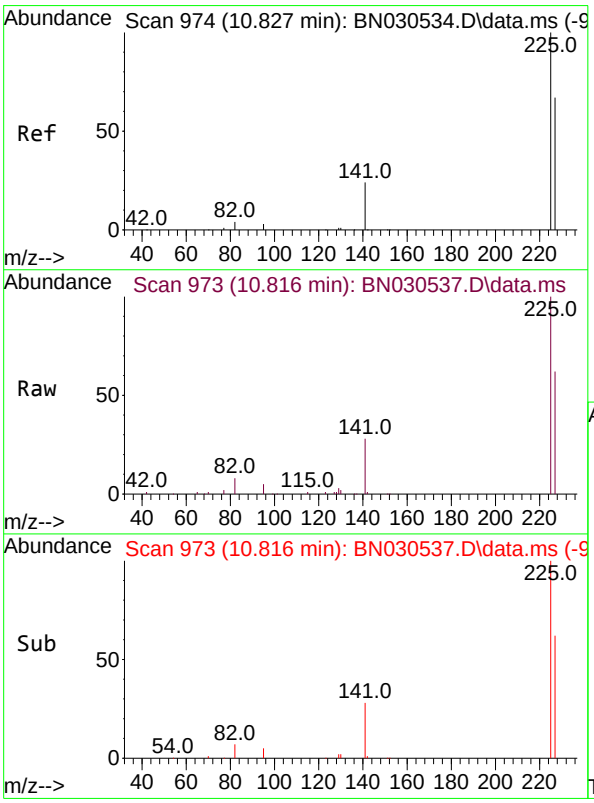
#9
Naphthalene
Concen: 3.333 ng
RT: 10.539 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 178585

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.8	10.5	15.7

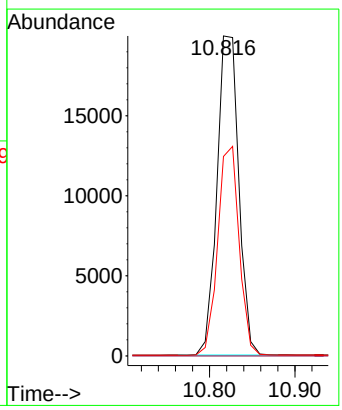


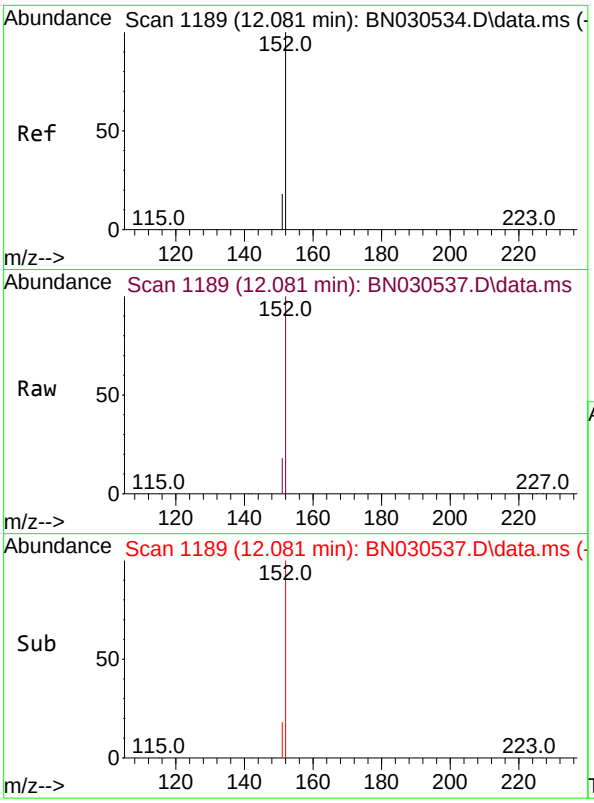


#10
Hexachlorobutadiene
Concen: 3.178 ng
RT: 10.816 min Scan# 973
Delta R.T. -0.011 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:225 Resp: 35451

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.4	77.2



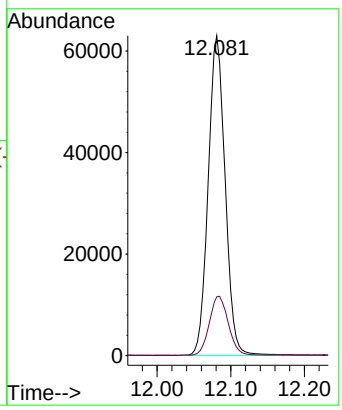


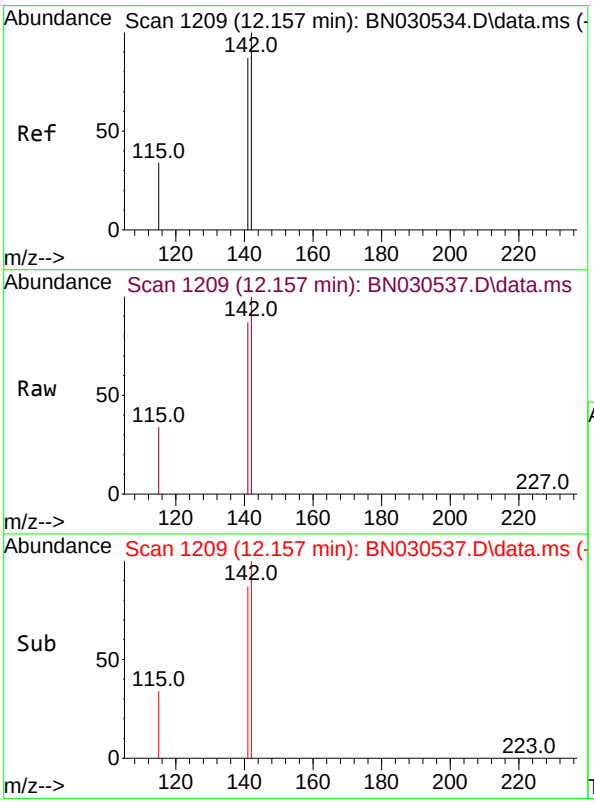
#11
2-Methylnaphthalene-d10
Concen: 3.444 ng
RT: 12.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 100459

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

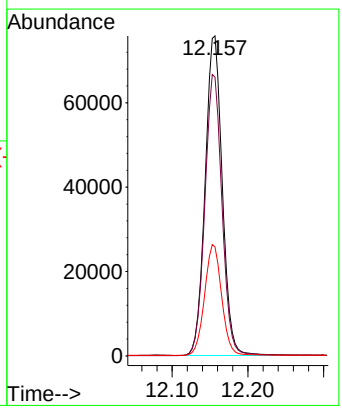


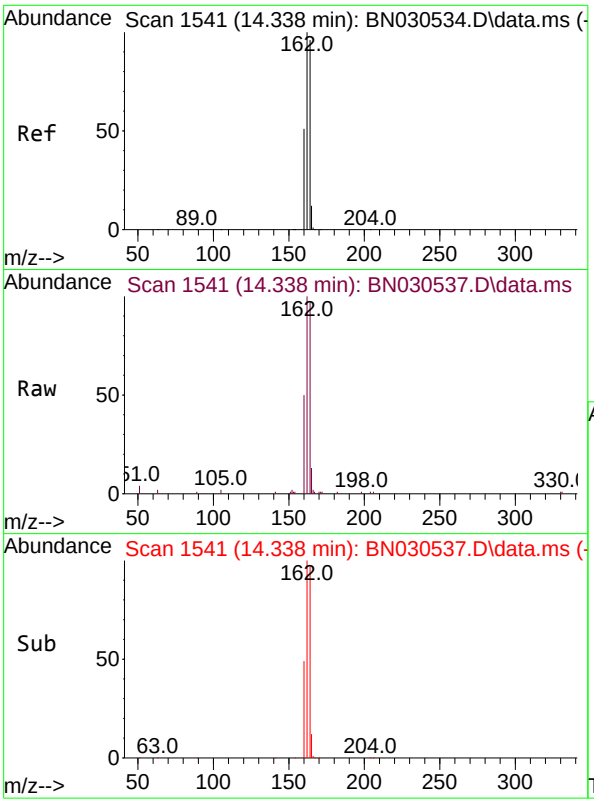


#12
2-Methylnaphthalene
Concen: 3.438 ng
RT: 12.157 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:142 Resp: 119396

Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.8	104.8
115	34.0	28.3	42.5



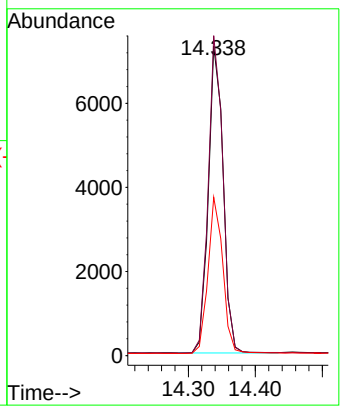


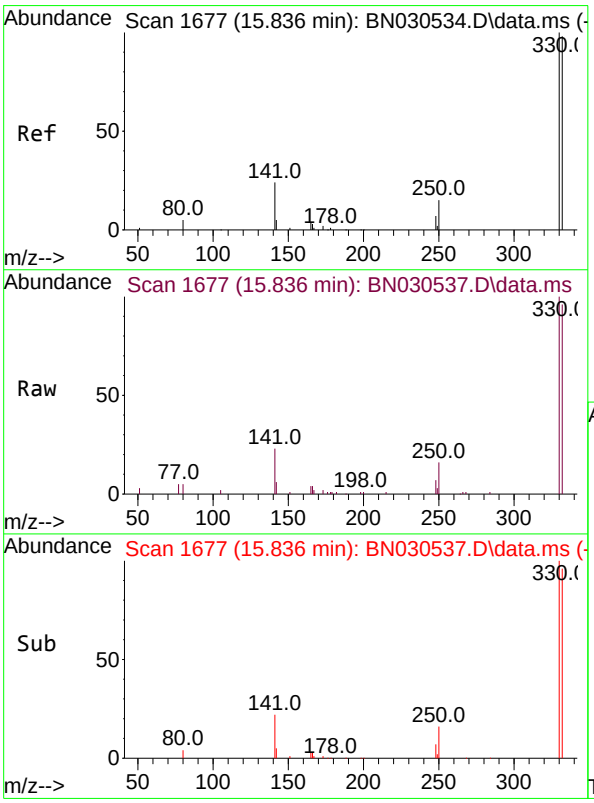
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11252

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.5	125.3
160	51.2	42.5	63.7

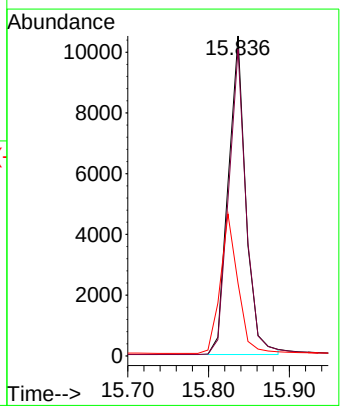


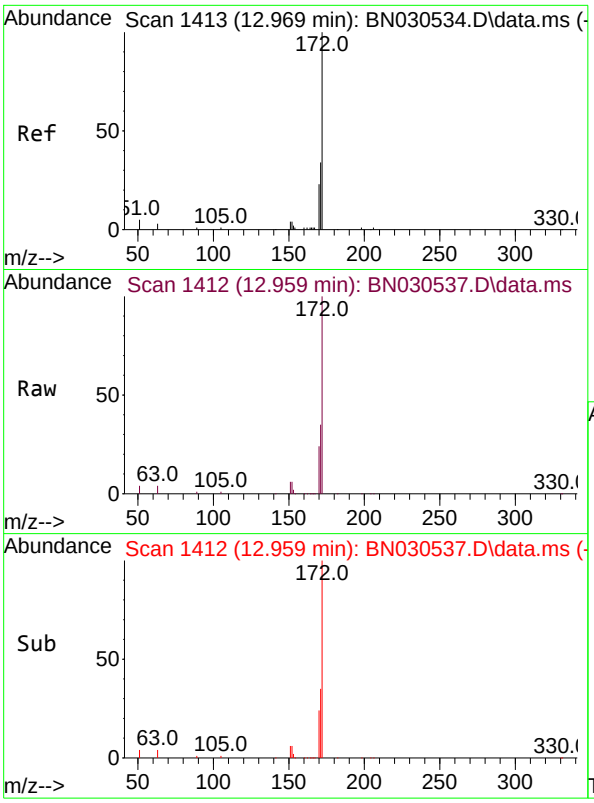


#14
2,4,6-Tribromophenol
Concen: 4.265 ng
RT: 15.836 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:330 Resp: 15885

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	43.8	35.9	53.9



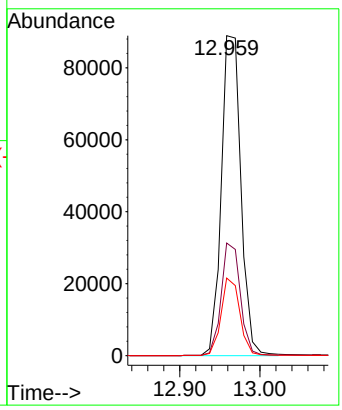


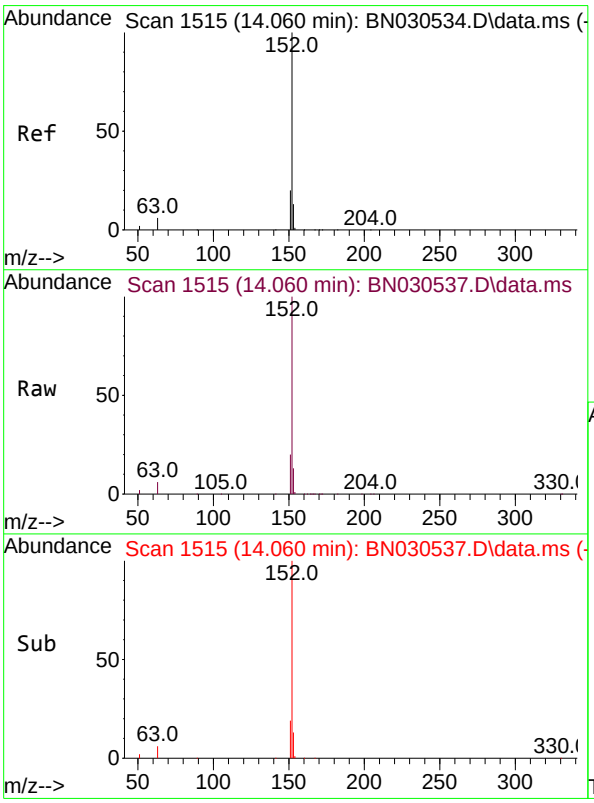
#15
2-Fluorobiphenyl
Concen: 3.110 ng
RT: 12.959 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 136564

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.1	40.7
170	24.2	18.3	27.5

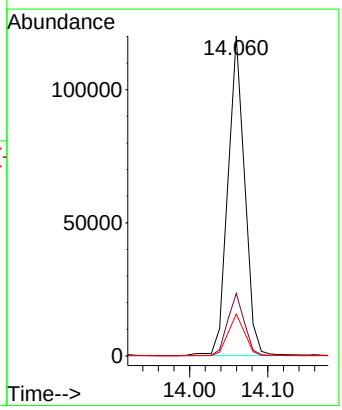


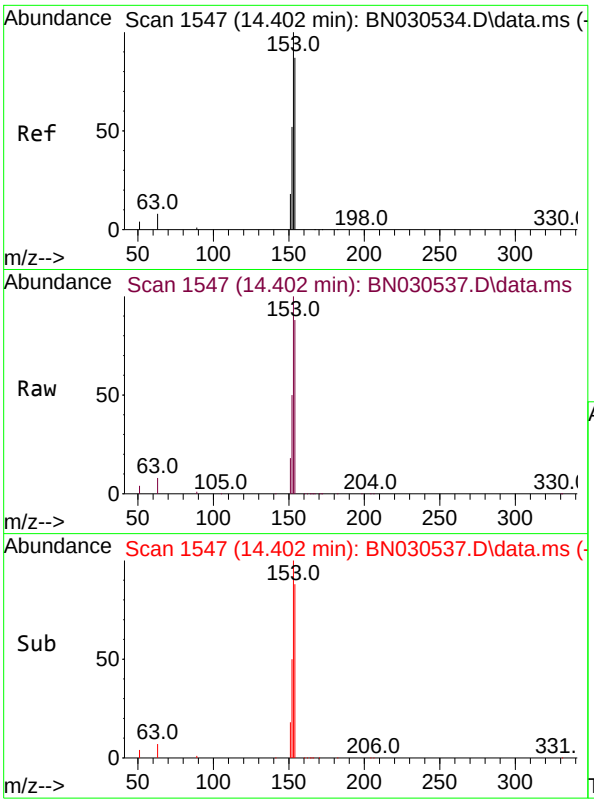


#16
Acenaphthylene
Concen: 3.782 ng
RT: 14.060 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:152 Resp: 178776

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.3	15.5



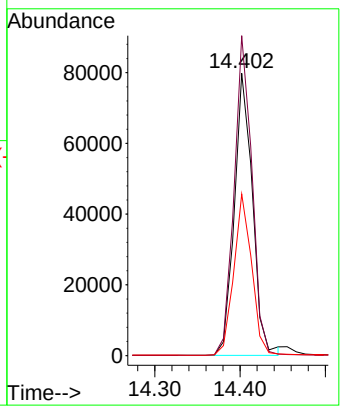


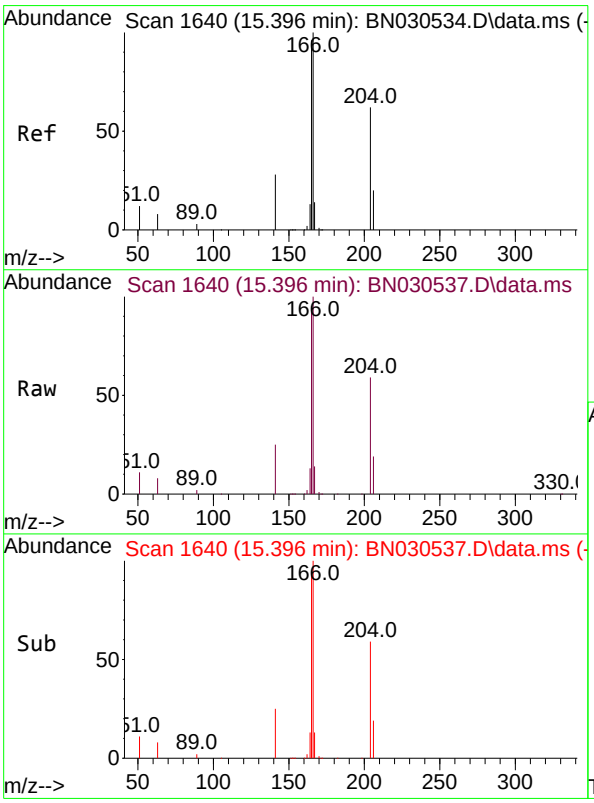
#17
Acenaphthene
Concen: 3.498 ng
RT: 14.402 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 118674

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.0	136.6
152	56.2	47.8	71.6

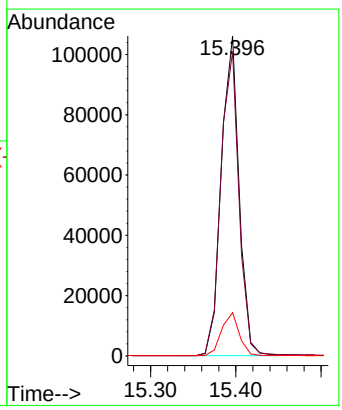


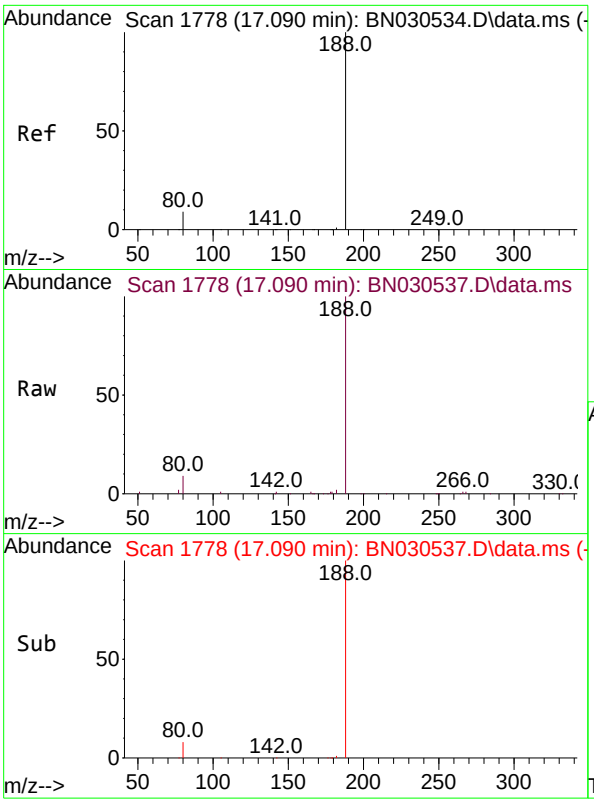


#18
Fluorene
Concen: 3.513 ng
RT: 15.396 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:166 Resp: 154684

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	13.4	10.8	16.2



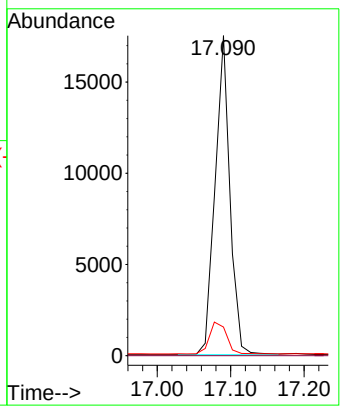


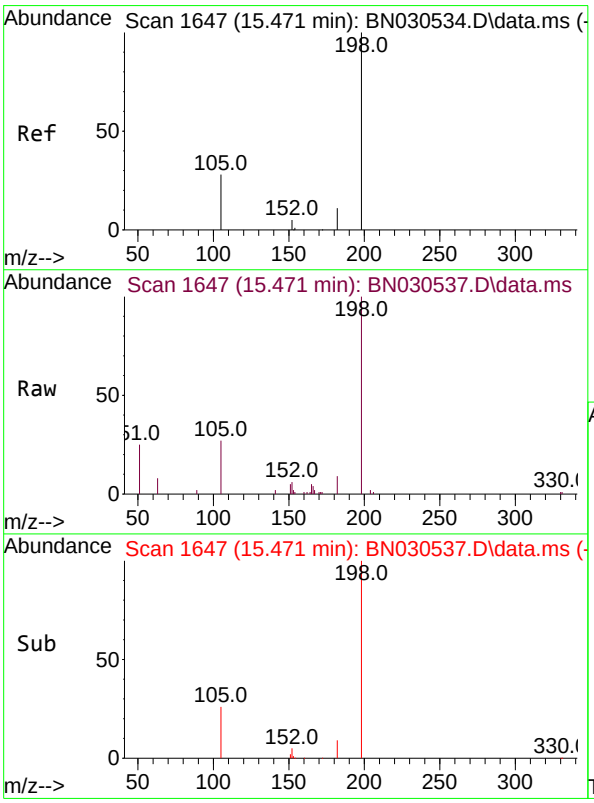
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24636

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.0

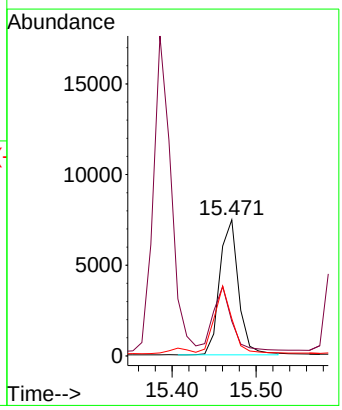


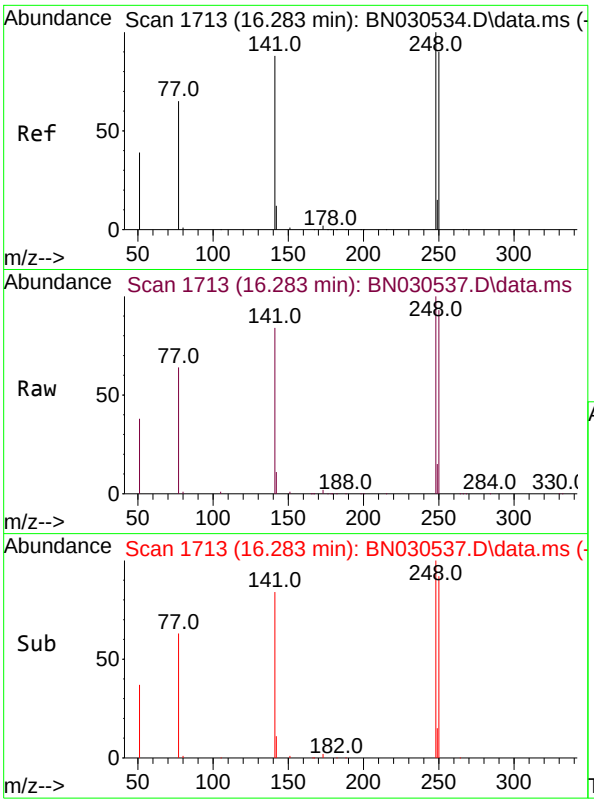


#20
4,6-Dinitro-2-methylphenol
Concen: 5.117 ng
RT: 15.471 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:198 Resp: 11696

Ion	Ratio	Lower	Upper
198	100		
51	25.4	57.8	86.6#
105	27.3	37.5	56.3#



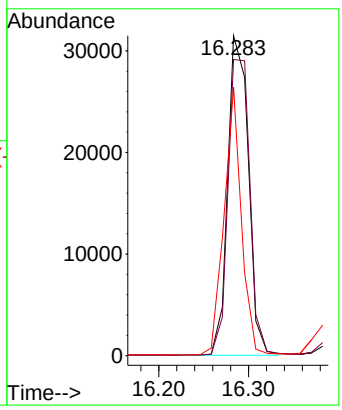


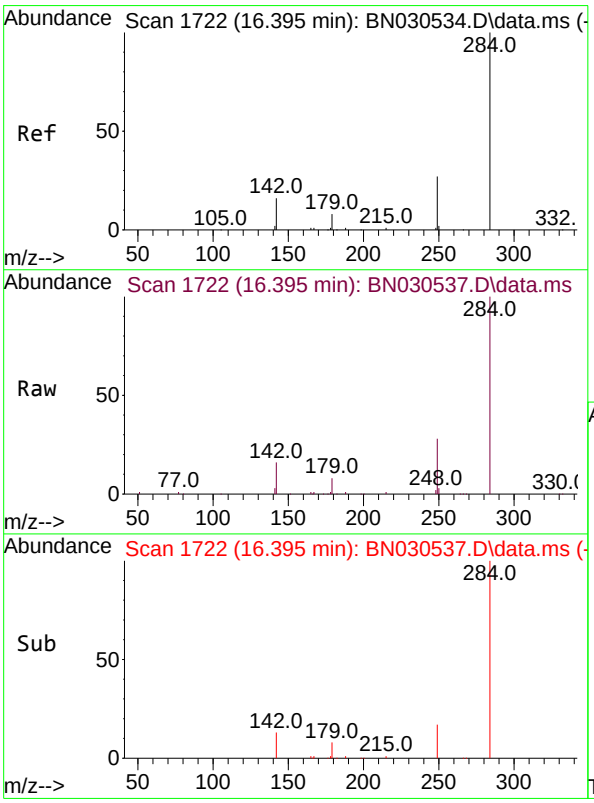
#21
4-Bromophenyl-phenylether
Concen: 3.506 ng
RT: 16.283 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 50294

Ion	Ratio	Lower	Upper
248	100		
250	92.5	72.2	108.2
141	83.9	71.1	106.7

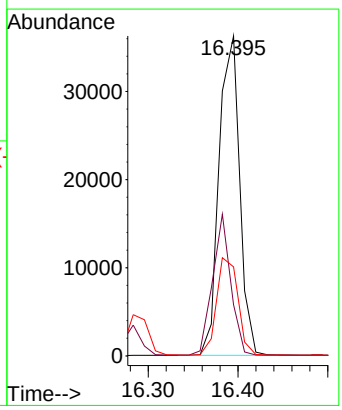


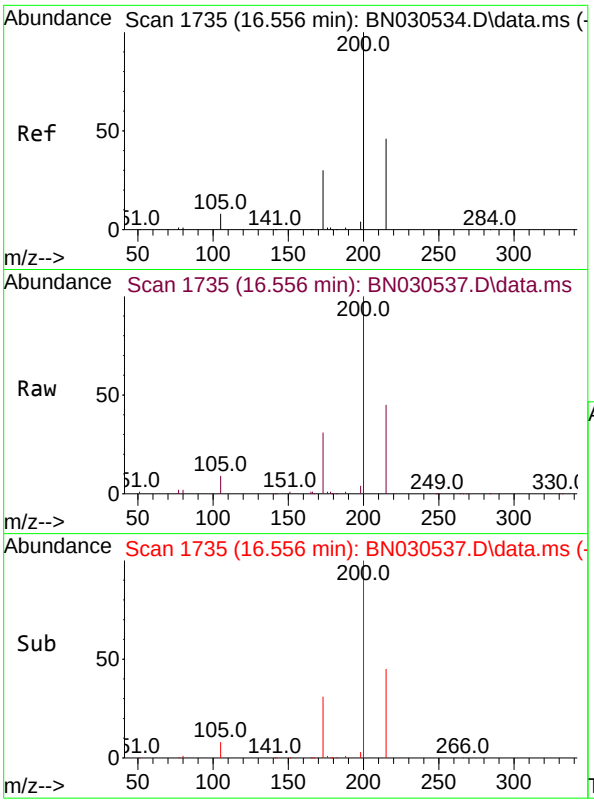


#22
Hexachlorobenzene
Concen: 3.306 ng
RT: 16.395 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:284 Resp: 57877

Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.8	47.6
249	31.6	25.8	38.6



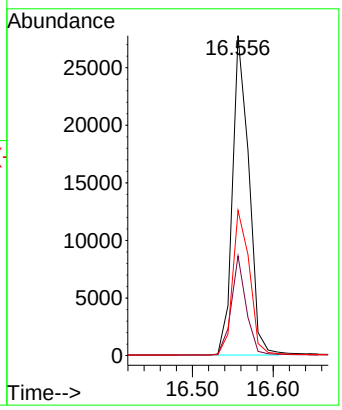


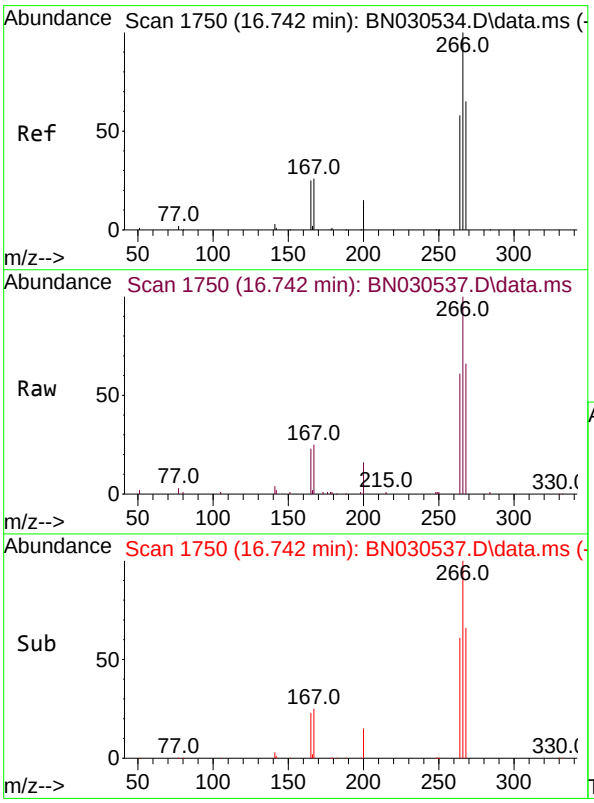
#23
Atrazine
Concen: 3.971 ng
RT: 16.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 39111

Ion	Ratio	Lower	Upper
200	100		
173	31.2	25.0	37.6
215	45.4	37.4	56.2

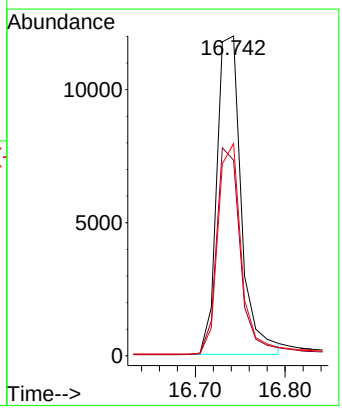


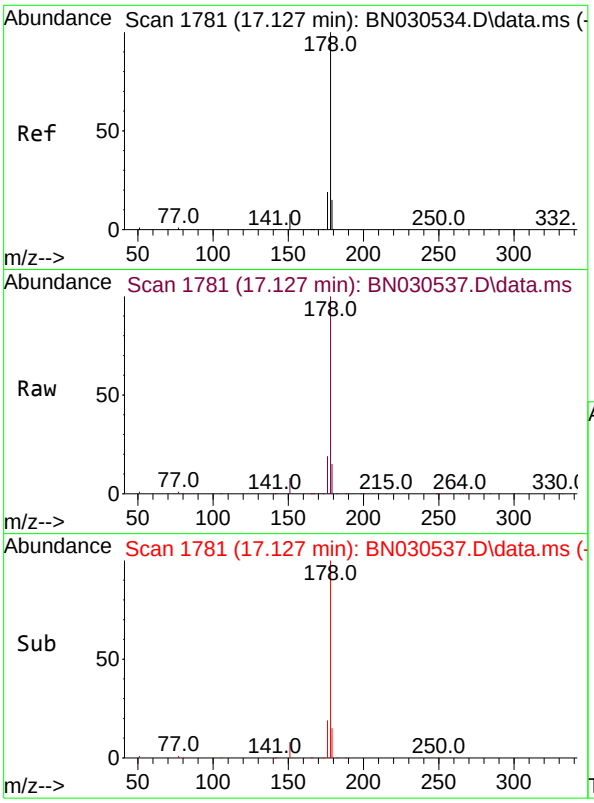


#24
Pentachlorophenol
Concen: 5.205 ng
RT: 16.742 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:266 Resp: 22615

Ion	Ratio	Lower	Upper
266	100		
264	63.7	48.7	73.1
268	63.6	49.5	74.3



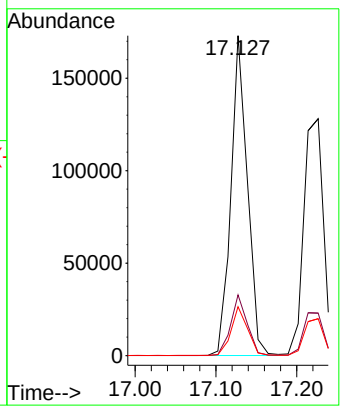


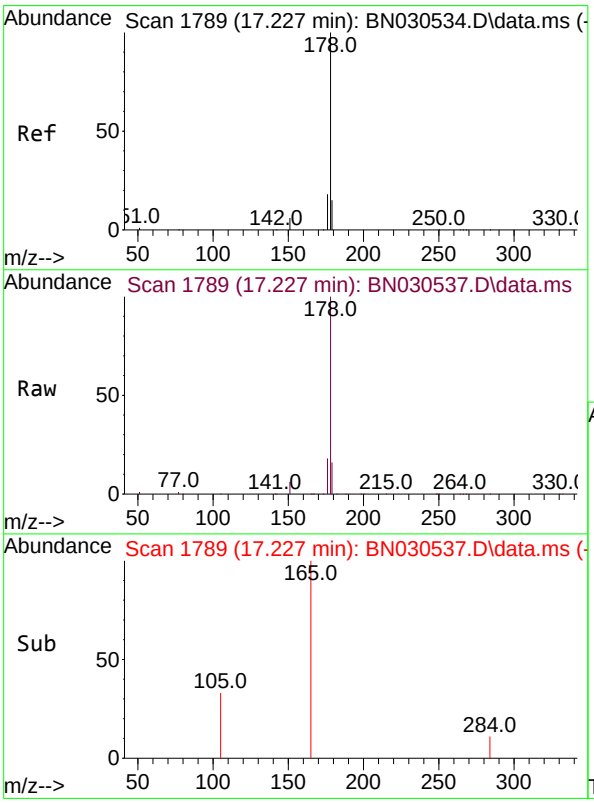
#25
Phenanthrene
Concen: 3.468 ng
RT: 17.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 245073

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.2	12.4	18.6

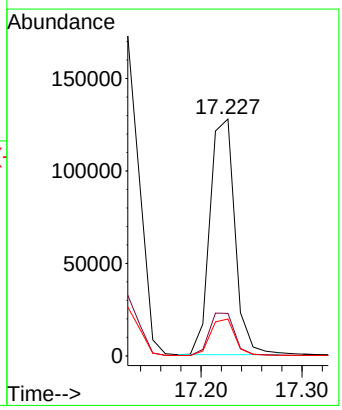


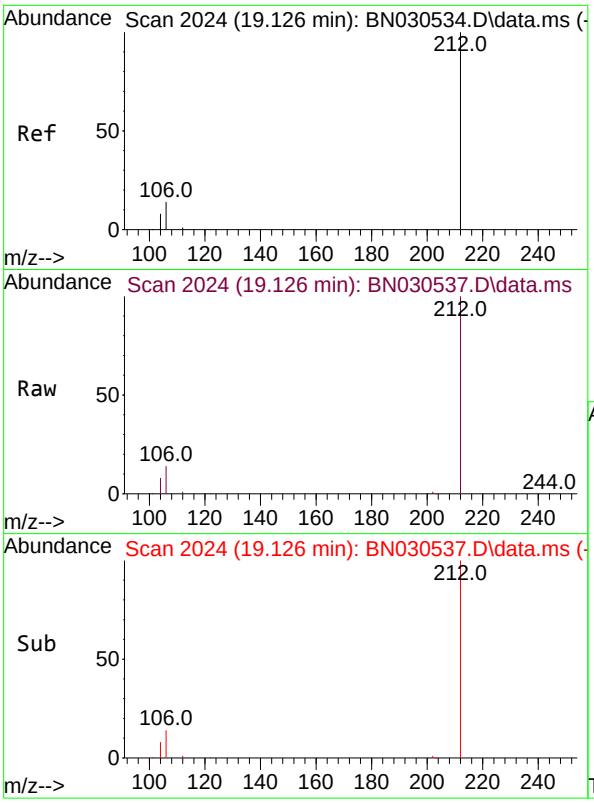


#26
Anthracene
Concen: 3.900 ng
RT: 17.227 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:178 Resp: 219604

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	12.2	18.4



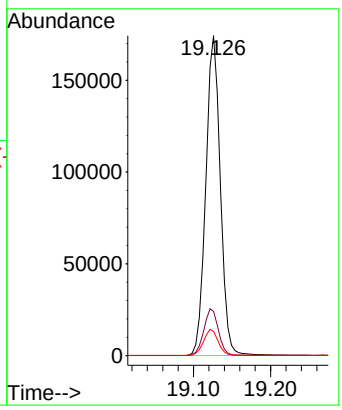


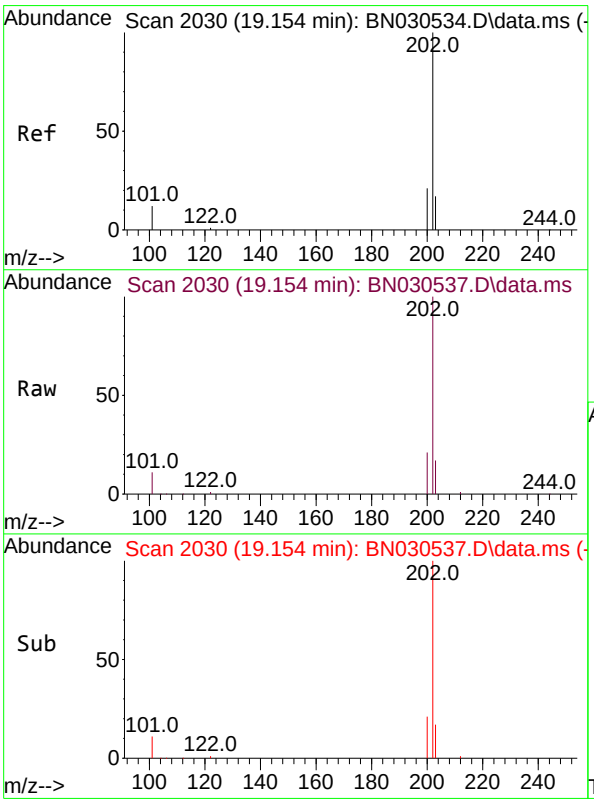
#27
Fluoranthene-d10
Concen: 3.631 ng
RT: 19.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 228214

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.8	17.6
104	8.1	6.6	9.8

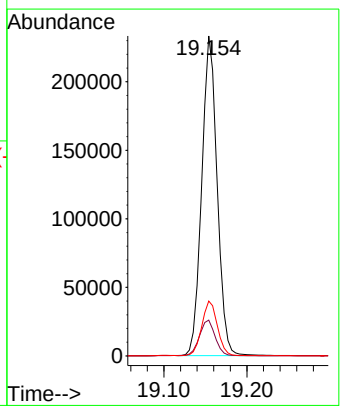


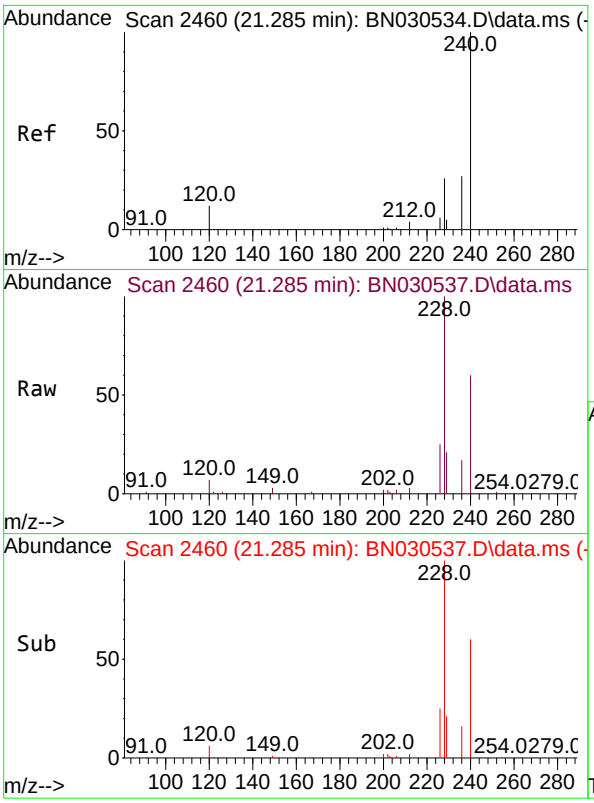


#28
Fluoranthene
Concen: 3.631 ng
RT: 19.154 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:202 Resp: 298980

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.0
203	17.3	13.7	20.5



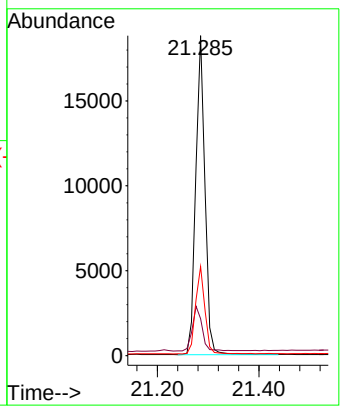


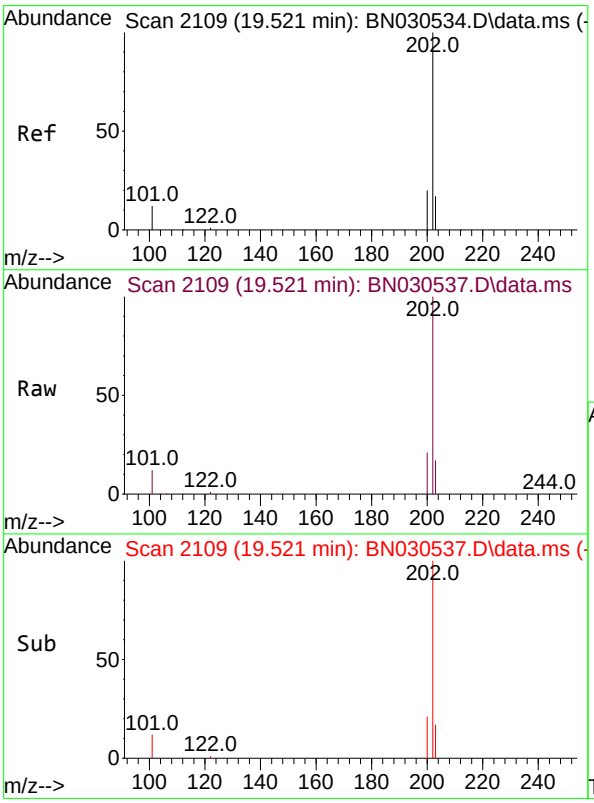
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.285 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23575

Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.6	15.8
236	27.8	22.1	33.1

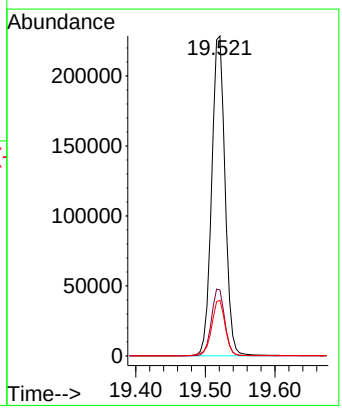


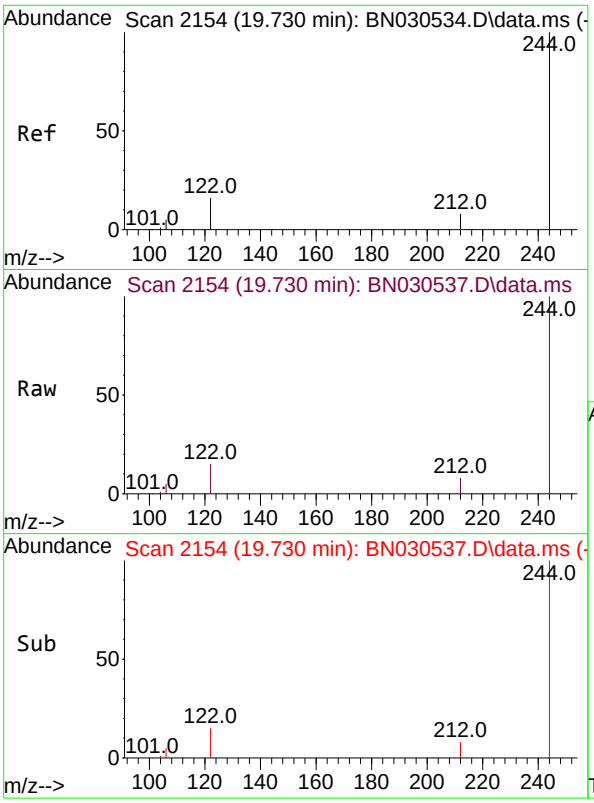


#30
Pyrene
Concen: 3.382 ng
RT: 19.521 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:202 Resp: 304553

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.7	14.2	21.4



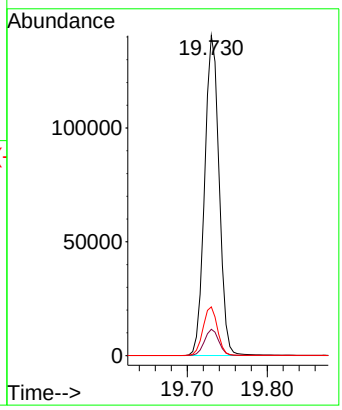


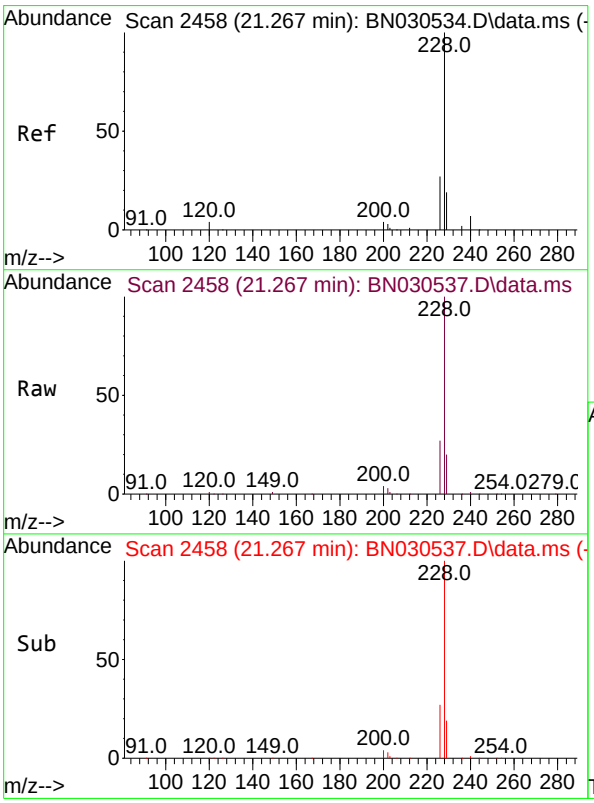
#31
Terphenyl-d14
Concen: 3.275 ng
RT: 19.730 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 176579

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.2	12.7	19.1

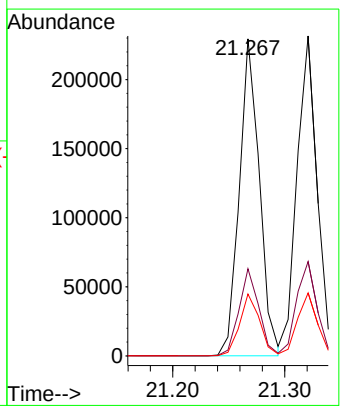


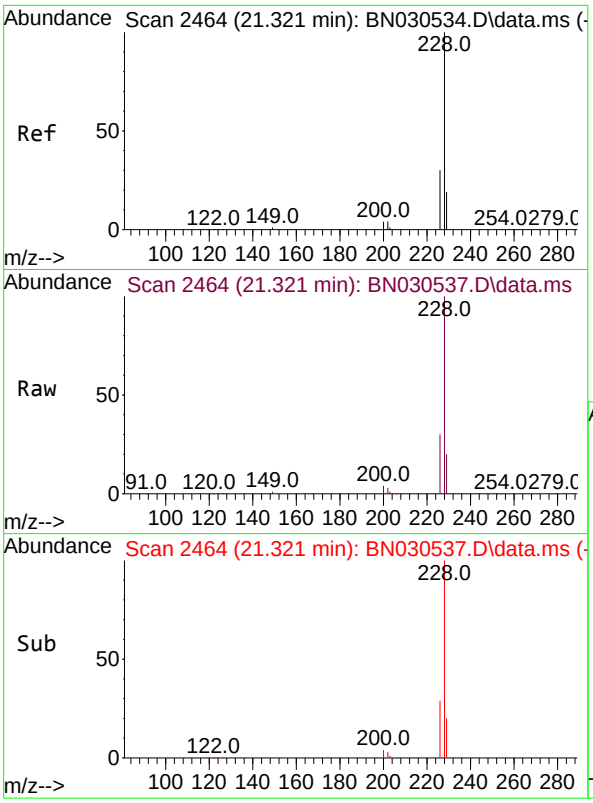


#32
Benzo(a)anthracene
Concen: 3.624 ng
RT: 21.267 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:228 Resp: 285992

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	19.5	15.4	23.2



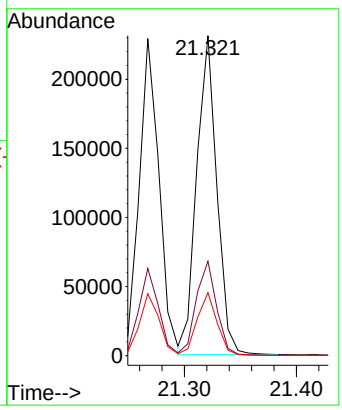


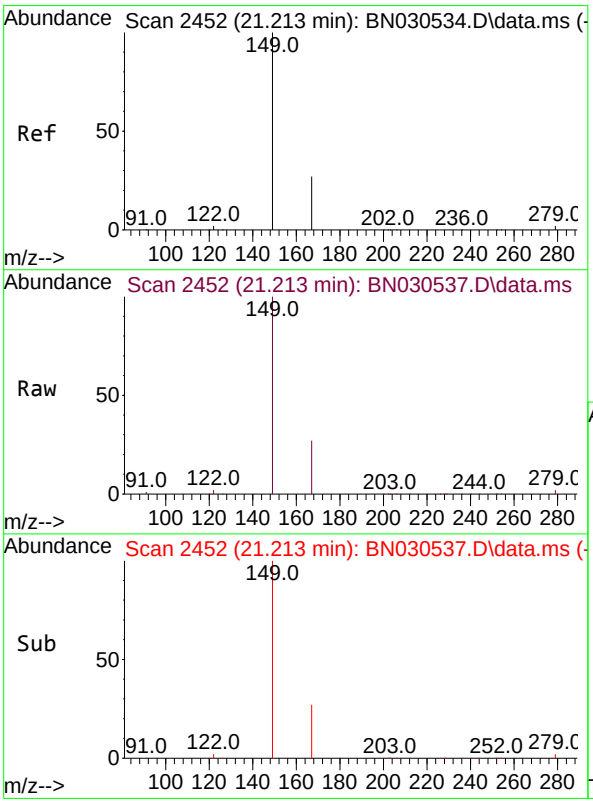
#33
Chrysene
Concen: 3.256 ng
RT: 21.321 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 289023

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	19.7	15.8	23.6

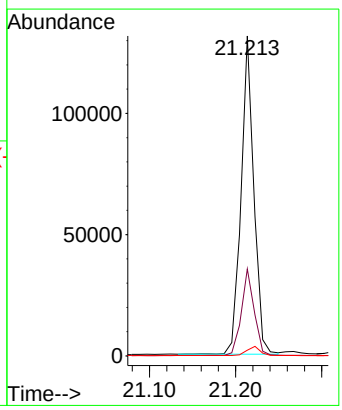


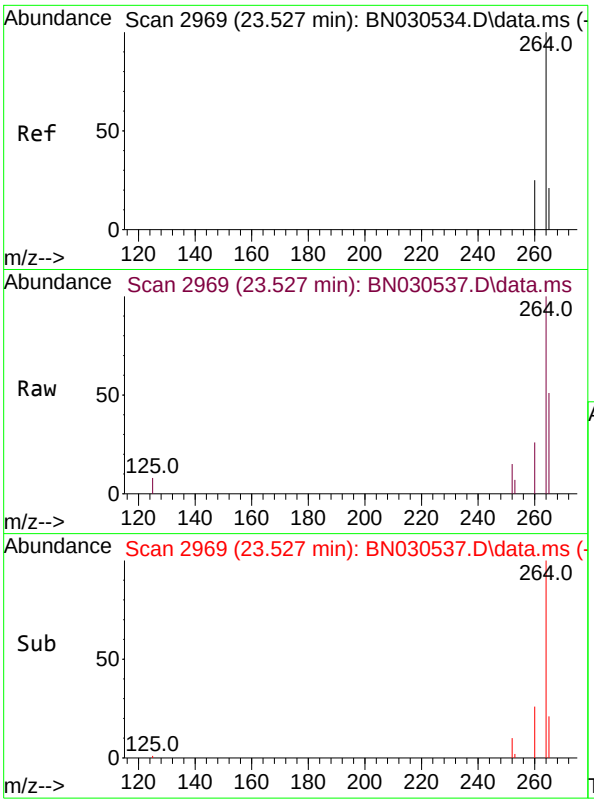


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.159 ng
RT: 21.213 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:149 Resp: 134372

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.0
279	3.0	2.3	3.5



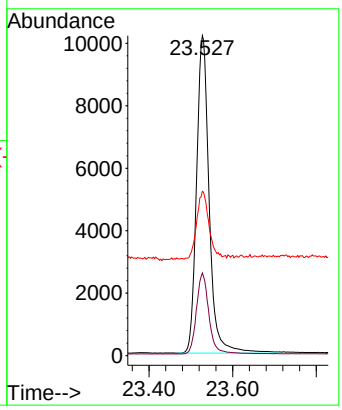


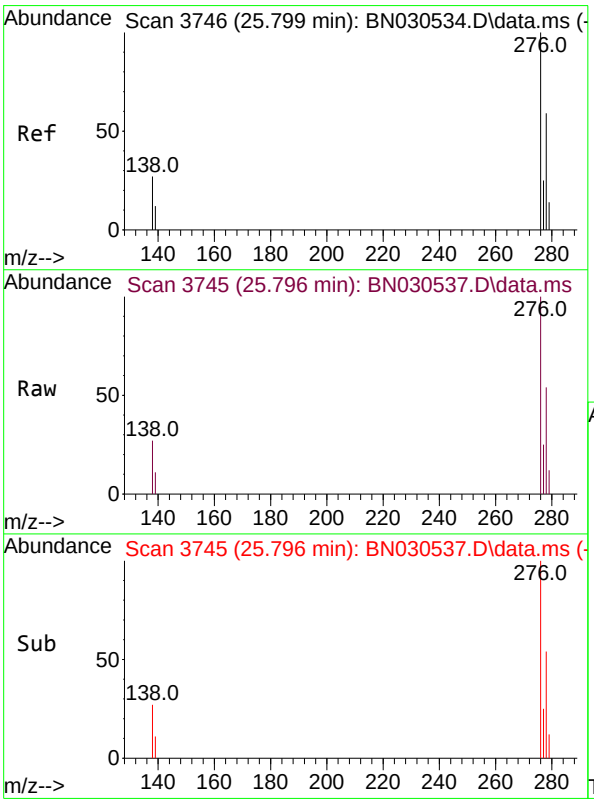
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.527 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 21327

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	51.3	41.8	62.8

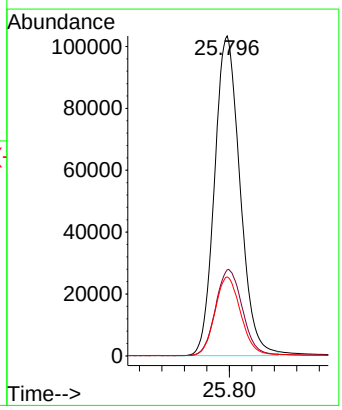


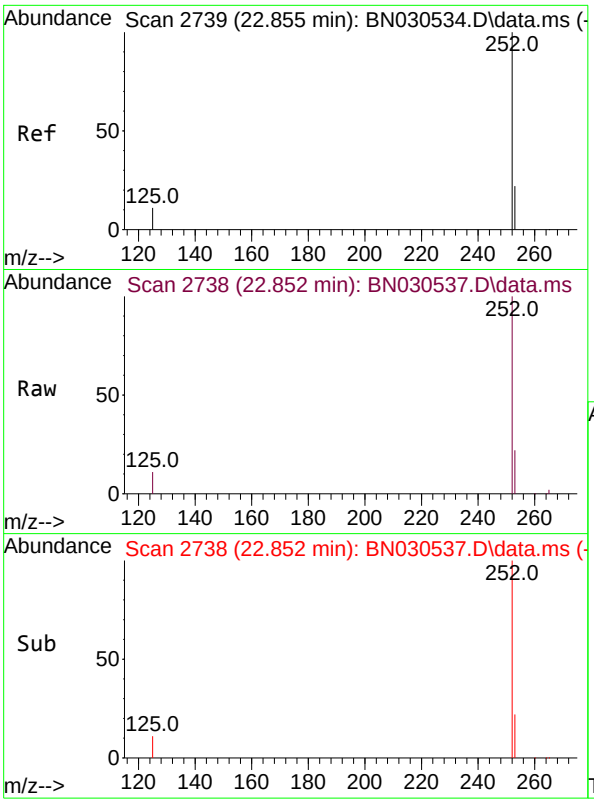


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.651 ng
RT: 25.796 min Scan# 3745
Delta R.T. -0.003 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:276 Resp: 324767

Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.0	34.4
277	25.0	20.1	30.1



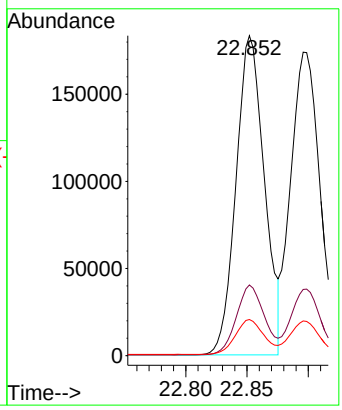


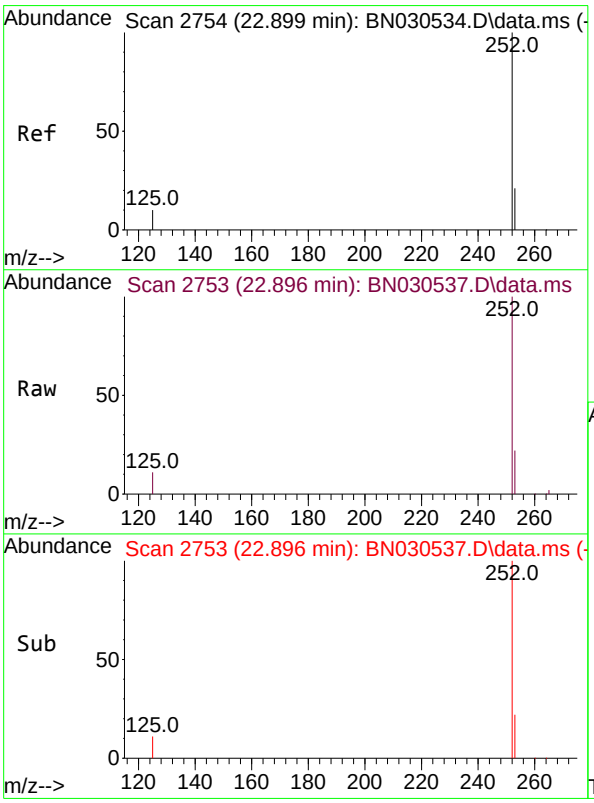
#37
Benzo(b)fluoranthene
Concen: 3.547 ng
RT: 22.852 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 294989

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	11.3	11.7	17.5#

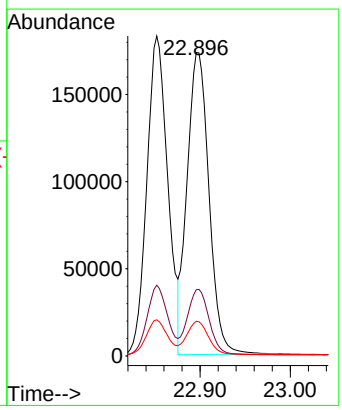


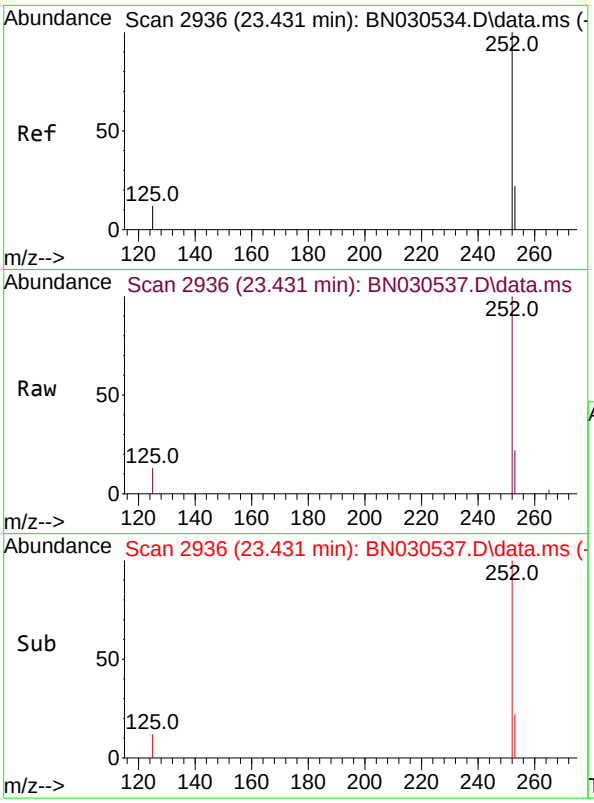


#38
Benzo(k)fluoranthene
Concen: 3.485 ng
RT: 22.896 min Scan# 2753
Delta R.T. -0.003 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:252 Resp: 291873

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.9	28.3
125	11.4	11.5	17.3#



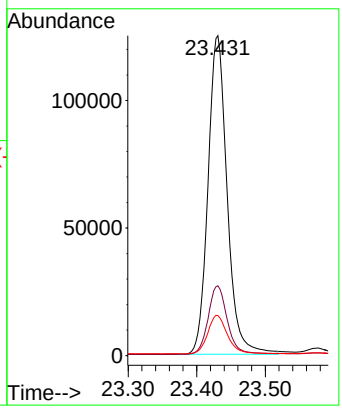


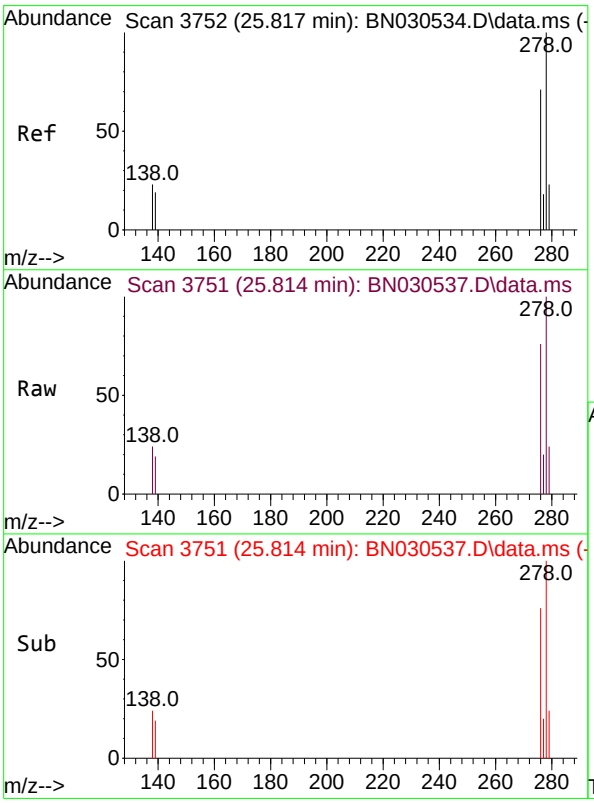
#39
Benzo(a)pyrene
Concen: 3.743 ng
RT: 23.431 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 242556

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.0	30.0
125	12.5	14.3	21.5#

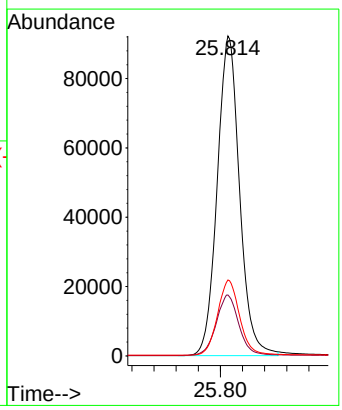


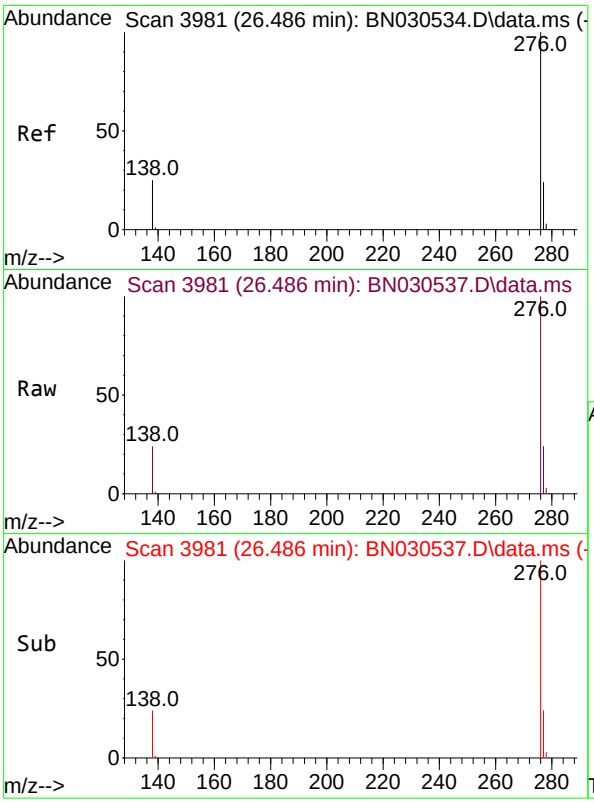


#40
Dibenzo(a,h)anthracene
Concen: 3.673 ng
RT: 25.814 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Tgt Ion:278 Resp: 258301

Ion	Ratio	Lower	Upper
278	100		
139	19.0	16.2	24.2
279	23.7	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 3.490 ng
RT: 26.486 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030537.D
Acq: 29 Mar 2024 18:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 270004

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.8	29.6
138	24.4	20.6	31.0