Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030536.D
Acq On : 29 Mar 2024 18:21
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 29 23:24:08 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	6223	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	18582	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	10576	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	23643	0.400	ng		0.00
29) Chrysene-d12	21.285	240	22112	0.400	ng		0.00
35) Perylene-d12	23.527	264	20225	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	22922	1.767	ng		0.00
5) Phenol-d6	6.873	99	29893	1.841	ng		0.00
8) Nitrobenzene-d5	8.851	82	22193	1.792	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	48169	1.751	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	6838	1.953	ng		0.00
15) 2-Fluorobiphenyl	12.969	172	66546	1.612	ng		0.00
27) Fluoranthene-d10	19.126	212	108977	1.806	ng		0.00
31) Terphenyl-d14	19.730	244	85354	1.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	11804	1.502	ng		95
3) n-Nitrosodimethylamine	3.544	42	12679	1.833	ng		100
6) bis(2-Chloroethyl)ether	7.133	93	29349	1.760	ng		99
9) Naphthalene	10.538	128	86691	1.716	ng		99
10) Hexachlorobutadiene	10.827	225	17498	1.663	ng	#	99
12) 2-Methylnaphthalene	12.156	142	57510	1.756	ng		99
16) Acenaphthylene	14.060	152	82800	1.863	ng		100
17) Acenaphthene	14.402	154	56363	1.767	ng		98
18) Fluorene	15.396	166	74063	1.789	ng		100
20) 4,6-Dinitro-2-methylph...	15.471	198	4905	2.236	ng	#	63
21) 4-Bromophenyl-phenylether	16.283	248	24051	1.747	ng		99
22) Hexachlorobenzene	16.395	284	28384	1.689	ng		99
23) Atrazine	16.556	200	18008	1.905	ng		97
24) Pentachlorophenol	16.742	266	9513	2.282	ng		97
25) Phenanthrene	17.127	178	119173	1.757	ng		99
26) Anthracene	17.226	178	101655	1.881	ng		100
28) Fluoranthene	19.154	202	144500	1.829	ng		100
30) Pyrene	19.521	202	145456	1.722	ng		100
32) Benzo(a)anthracene	21.267	228	134917	1.823	ng		100
33) Chrysene	21.321	228	139693	1.678	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	56210	1.855	ng		99
36) Indeno(1,2,3-cd)pyrene	25.793	276	156660	1.857	ng		100
37) Benzo(b)fluoranthene	22.852	252	138755	1.759	ng	#	95
38) Benzo(k)fluoranthene	22.896	252	141093	1.776	ng		95
39) Benzo(a)pyrene	23.431	252	113262	1.843	ng	#	92
40) Dibenzo(a,h)anthracene	25.813	278	125436	1.881	ng		97
41) Benzo(g,h,i)perylene	26.486	276	129983	1.772	ng		98

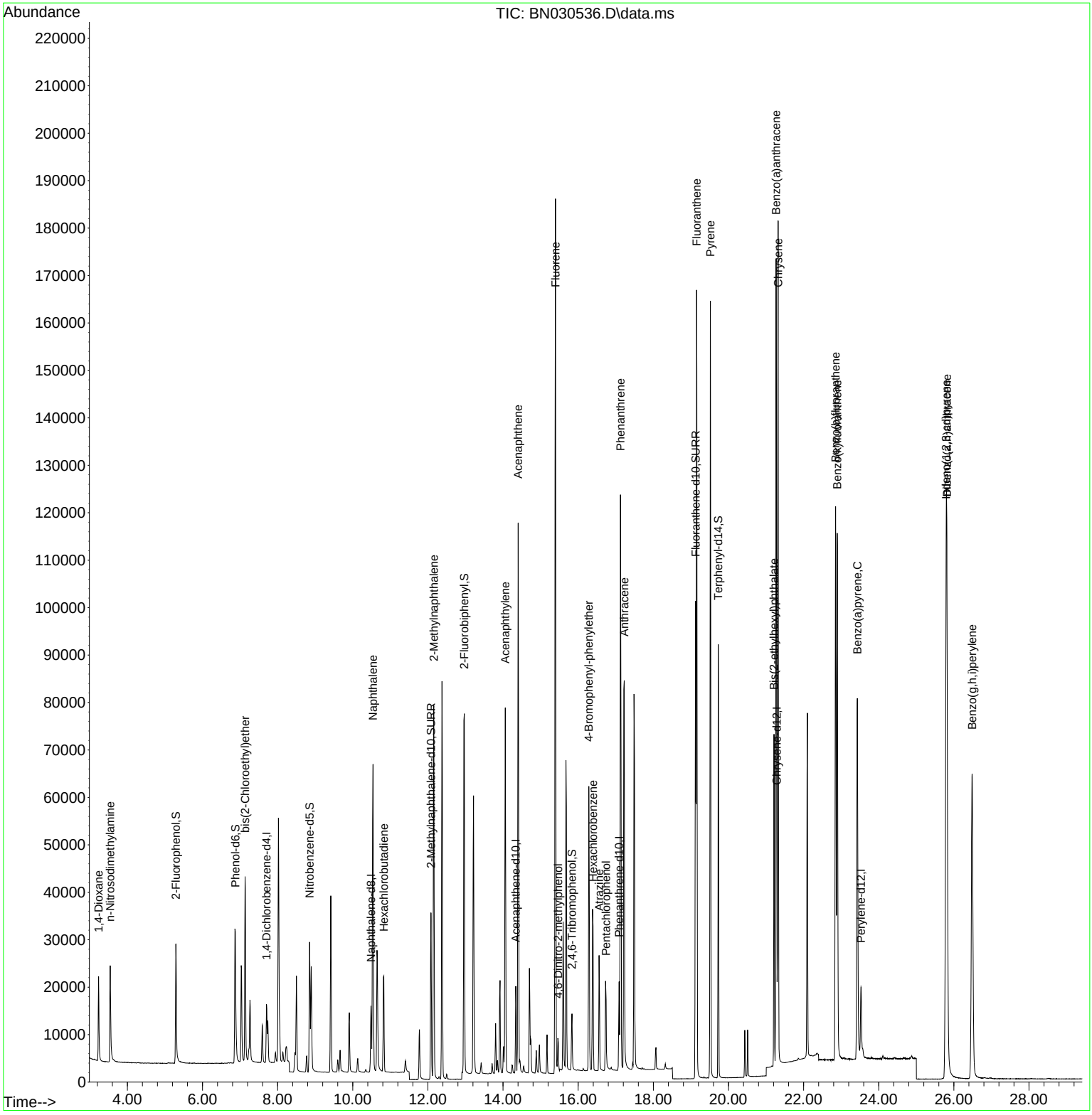
(#) = qualifier out of range (m) = manual integration (+) = signals summed

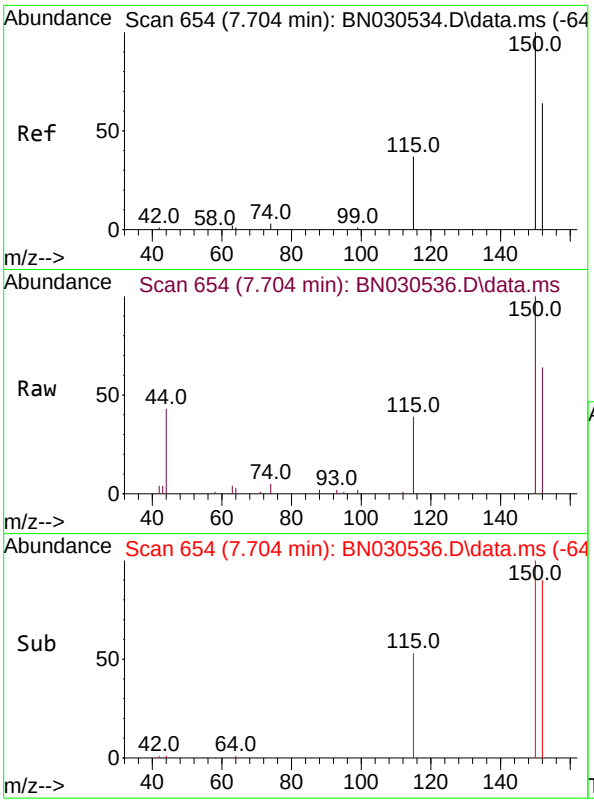
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030536.D
Acq On : 29 Mar 2024 18:21
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 29 23:24:08 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



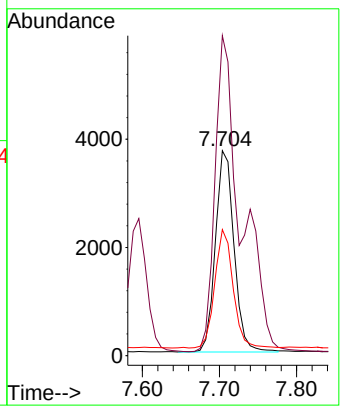


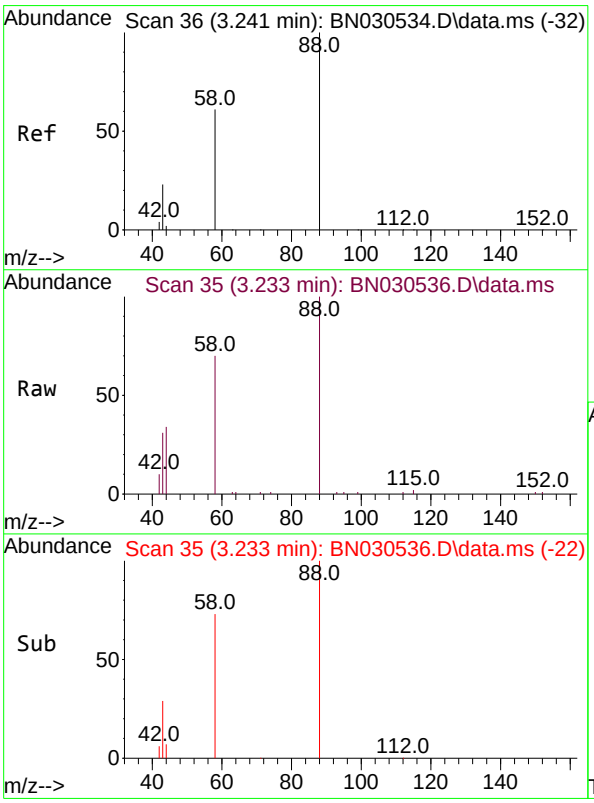
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6223

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.4
115	61.5	48.6	72.8

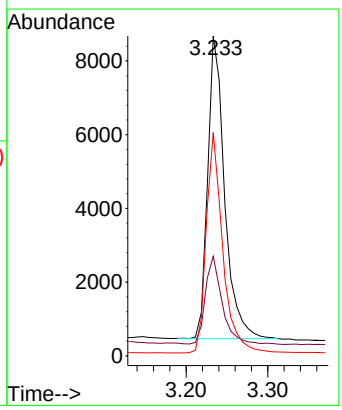


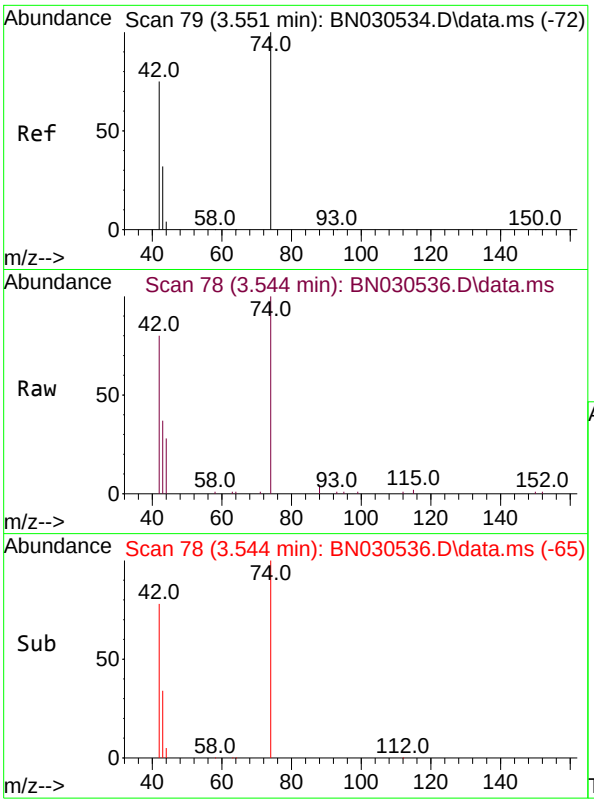


#2
1,4-Dioxane
Concen: 1.502 ng
RT: 3.233 min Scan# 35
Delta R.T. -0.007 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion: 88 Resp: 11804

Ion	Ratio	Lower	Upper
88	100		
43	28.7	21.9	32.9
58	71.1	53.4	80.2



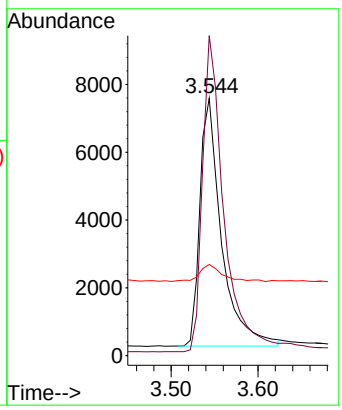


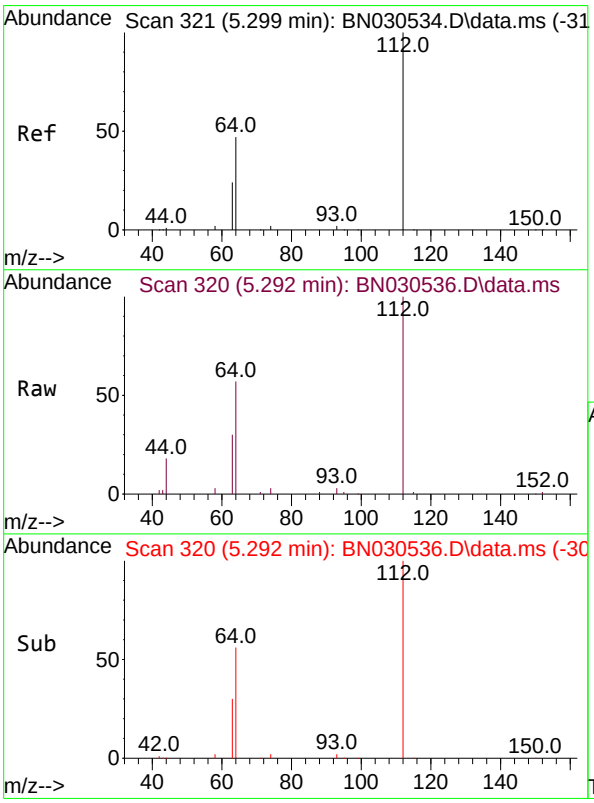
#3
n-Nitrosodimethylamine
Concen: 1.833 ng
RT: 3.544 min Scan# 78
Delta R.T. -0.007 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 12679

Ion	Ratio	Lower	Upper
42	100		
74	125.8	100.9	151.3
44	7.2	5.8	8.6

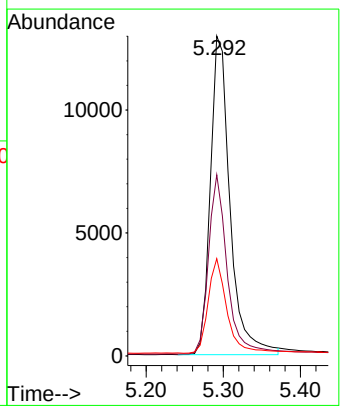


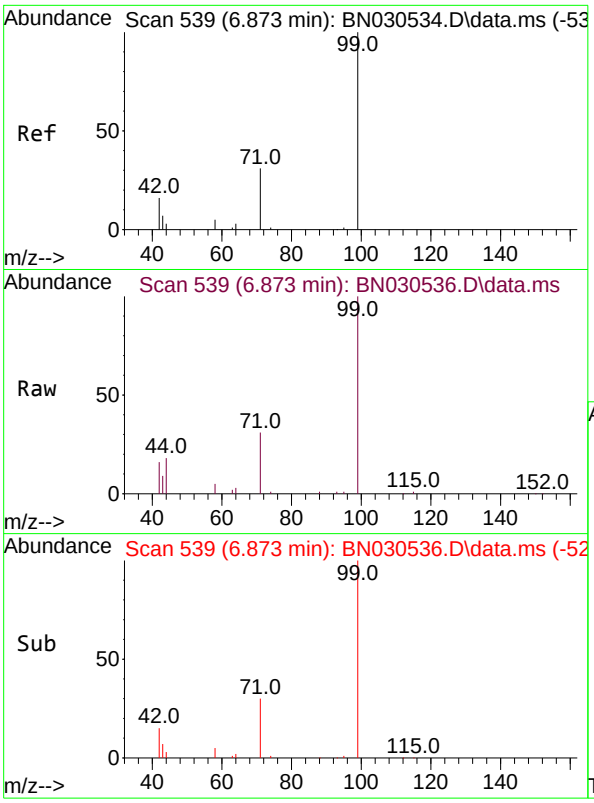


#4
2-Fluorophenol
Concen: 1.767 ng
RT: 5.292 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:112 Resp: 22922

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.2	64.8
63	28.4	22.5	33.7



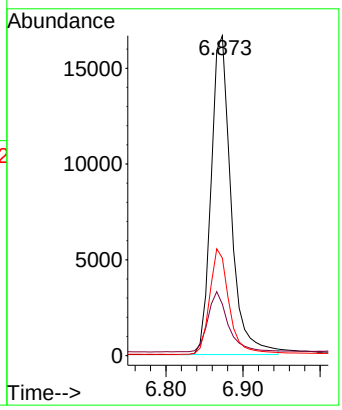


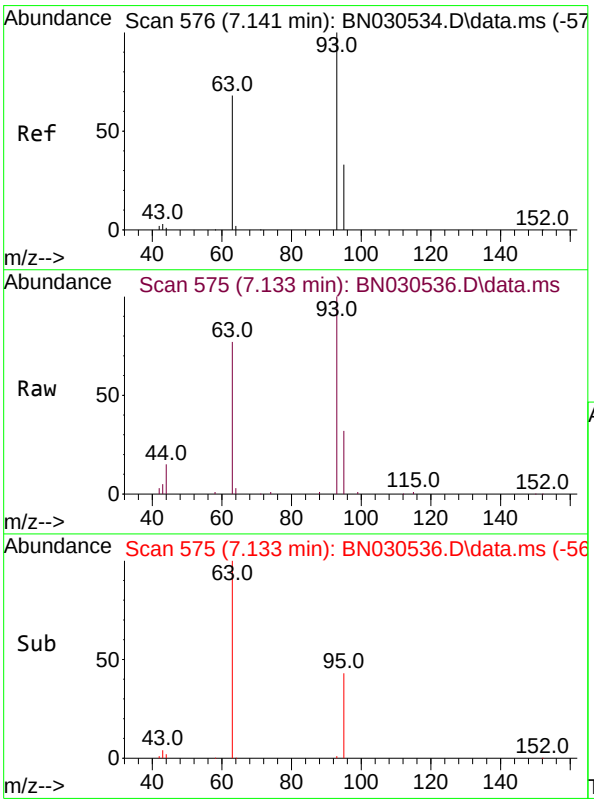
#5
Phenol-d6
Concen: 1.841 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 29893

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	32.5	25.9	38.9

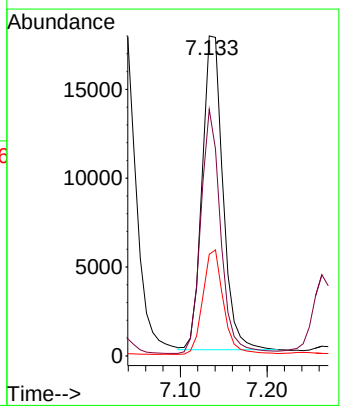


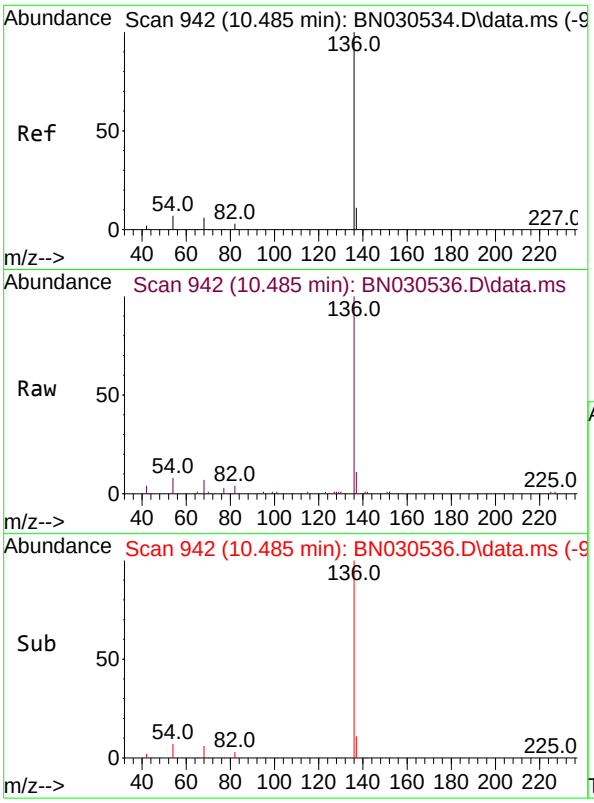


#6
bis(2-Chloroethyl)ether
Concen: 1.760 ng
RT: 7.133 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion: 93 Resp: 29349

Ion	Ratio	Lower	Upper
93	100		
63	74.6	60.5	90.7
95	33.2	27.5	41.3



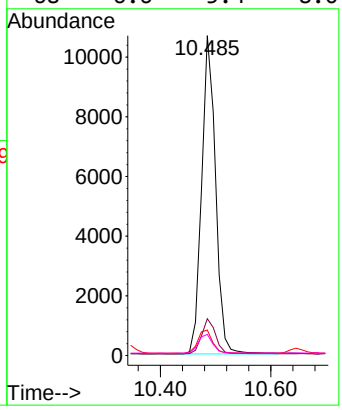


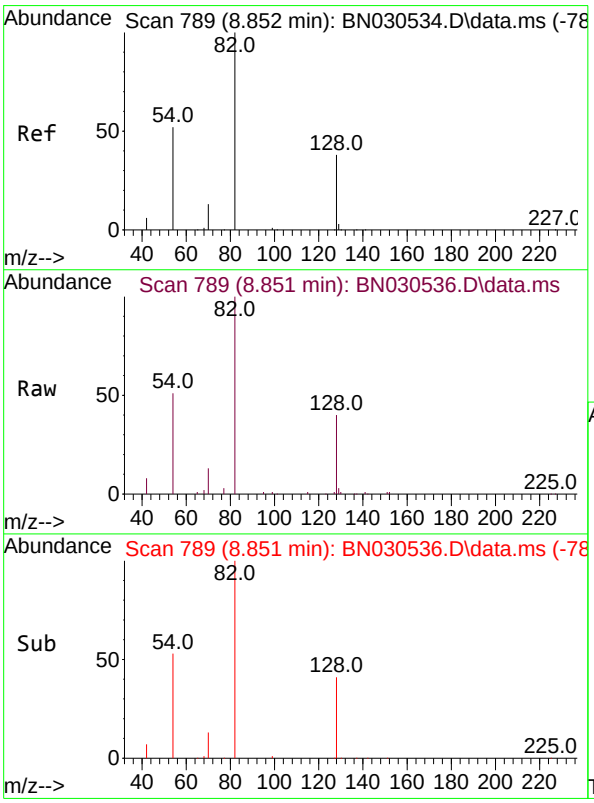
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18582

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.0	6.4	9.6
68	6.6	5.4	8.0

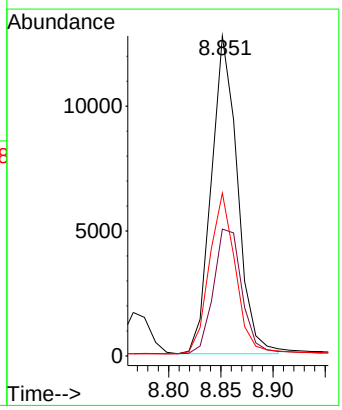


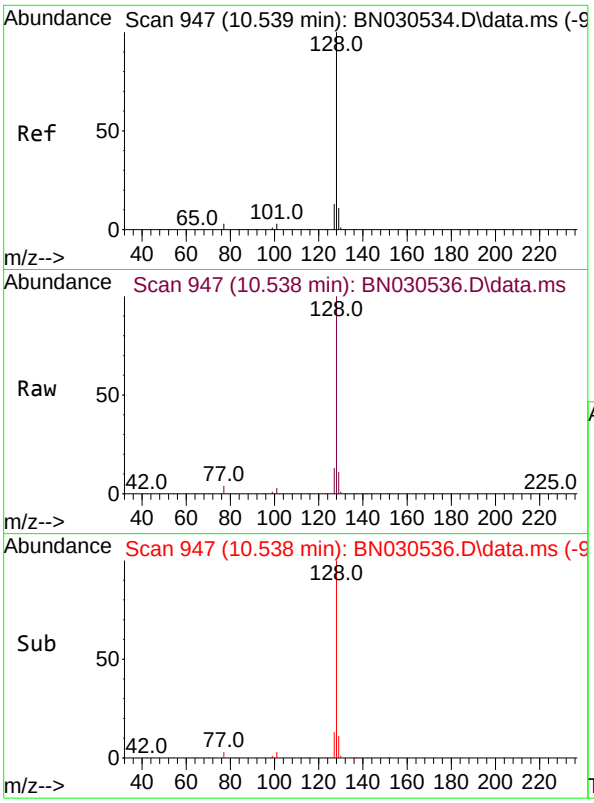


#8
Nitrobenzene-d5
Concen: 1.792 ng
RT: 8.851 min Scan# 789
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion: 82 Resp: 22193

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.3	48.5
54	50.9	42.7	64.1



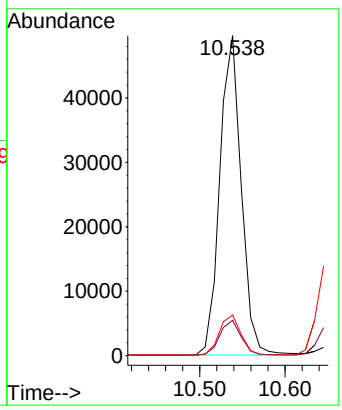


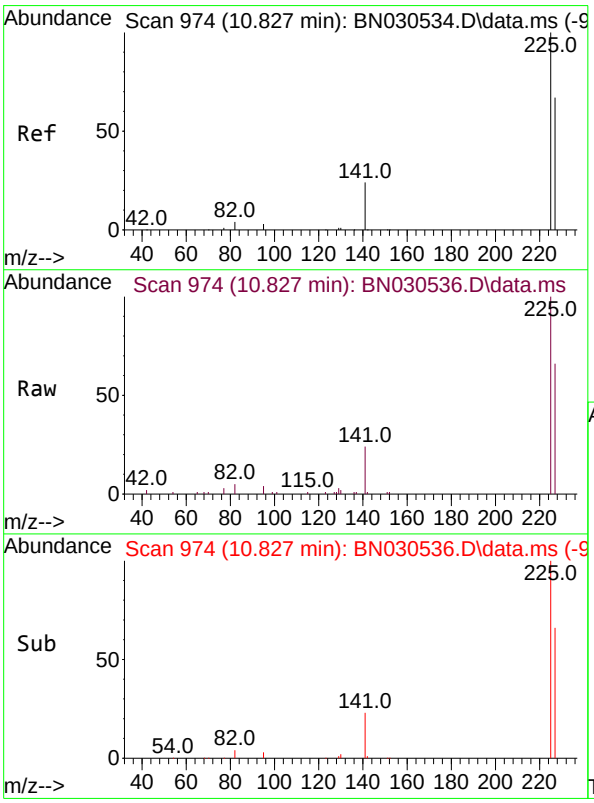
#9
Naphthalene
Concen: 1.716 ng
RT: 10.538 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 86691

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.7	10.5	15.7

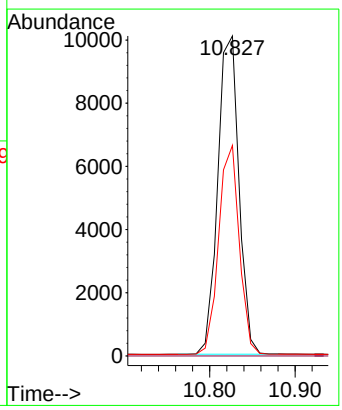


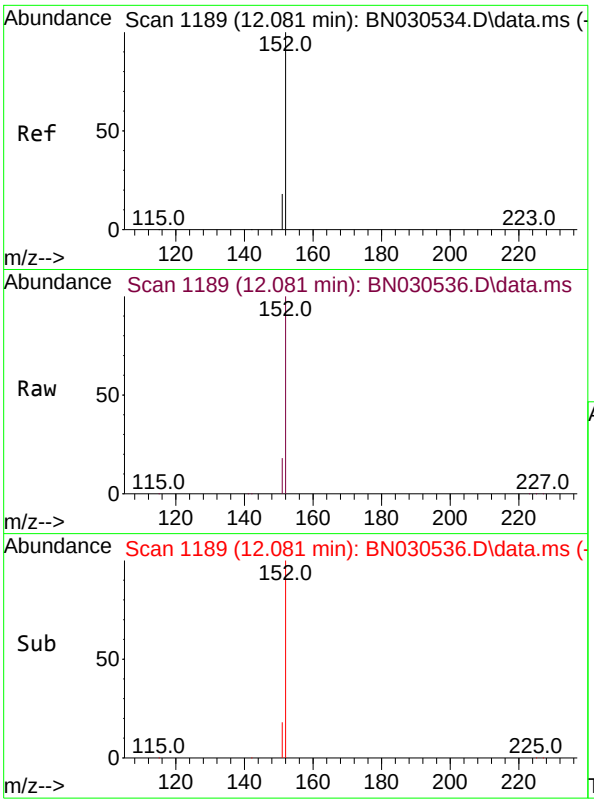


#10
Hexachlorobutadiene
Concen: 1.663 ng
RT: 10.827 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:225 Resp: 17498

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2



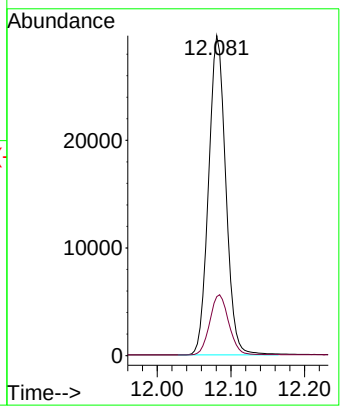


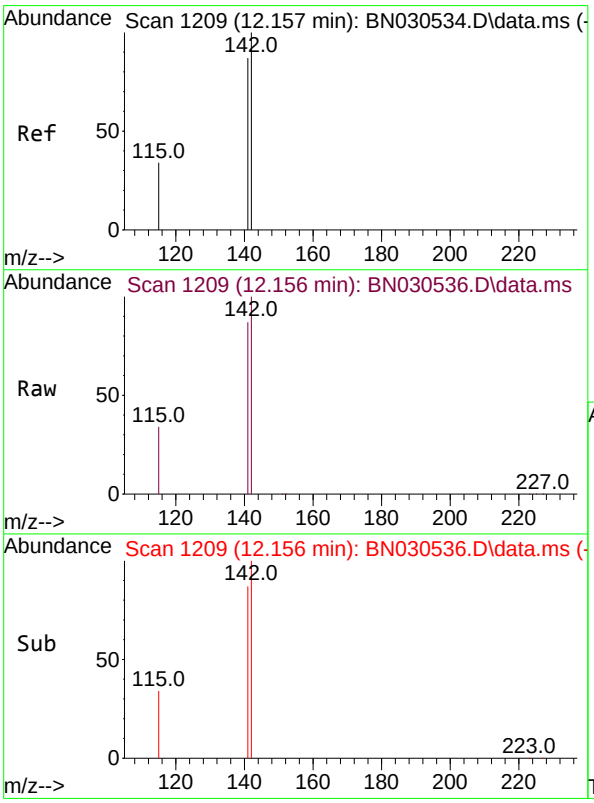
#11
2-Methylnaphthalene-d10
Concen: 1.751 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 48169

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

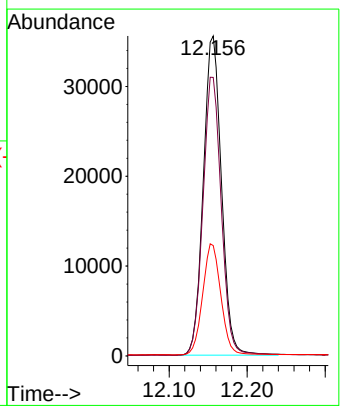


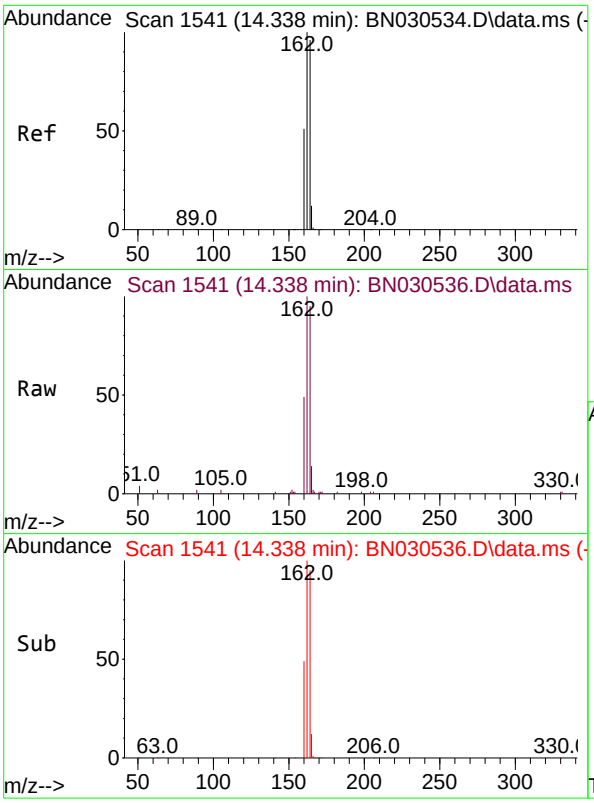


#12
2-Methylnaphthalene
Concen: 1.756 ng
RT: 12.156 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:142 Resp: 57510

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.8	104.8
115	34.5	28.3	42.5



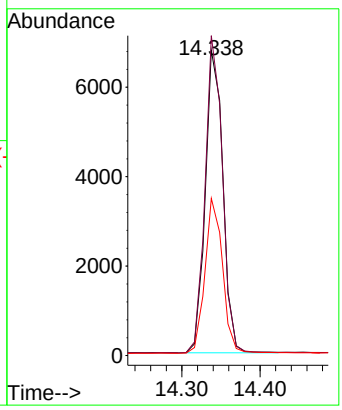


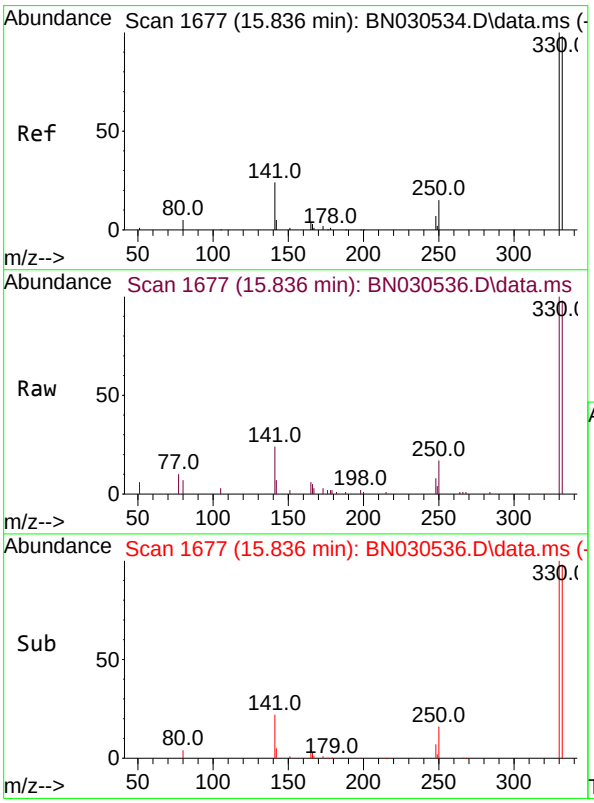
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10576

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.5	125.3
160	51.5	42.5	63.7

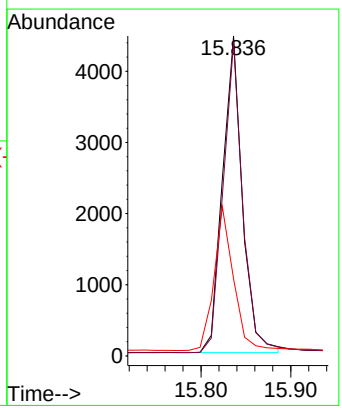


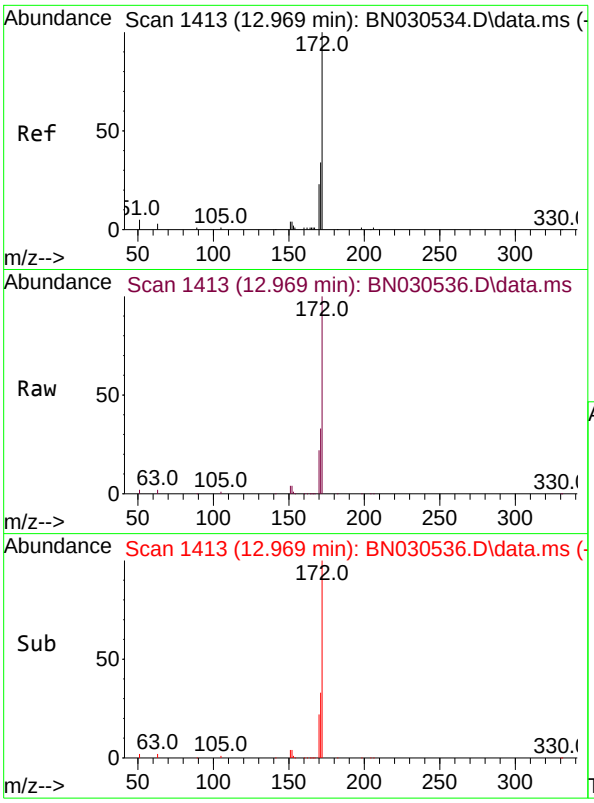


#14
2,4,6-Tribromophenol
Concen: 1.953 ng
RT: 15.836 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:330 Resp: 6838

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	44.7	35.9	53.9



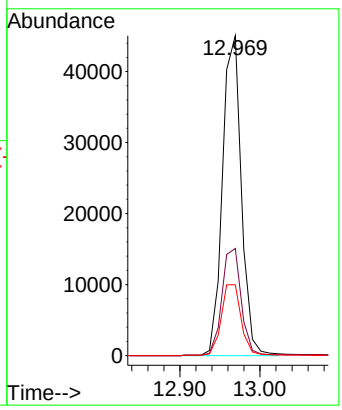


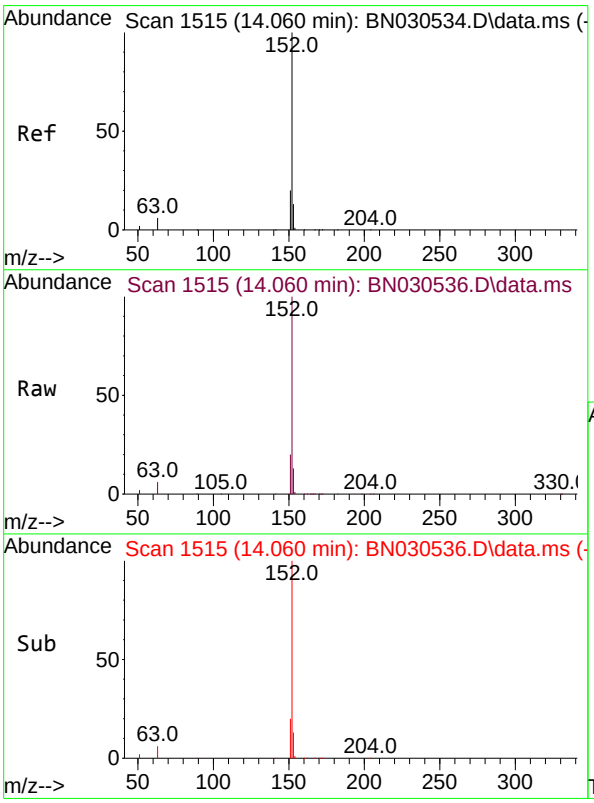
#15
2-Fluorobiphenyl
Concen: 1.612 ng
RT: 12.969 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 66546

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.1	40.7
170	22.1	18.3	27.5

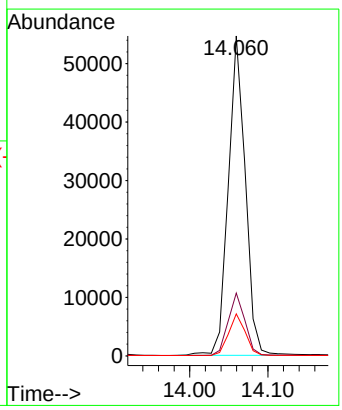


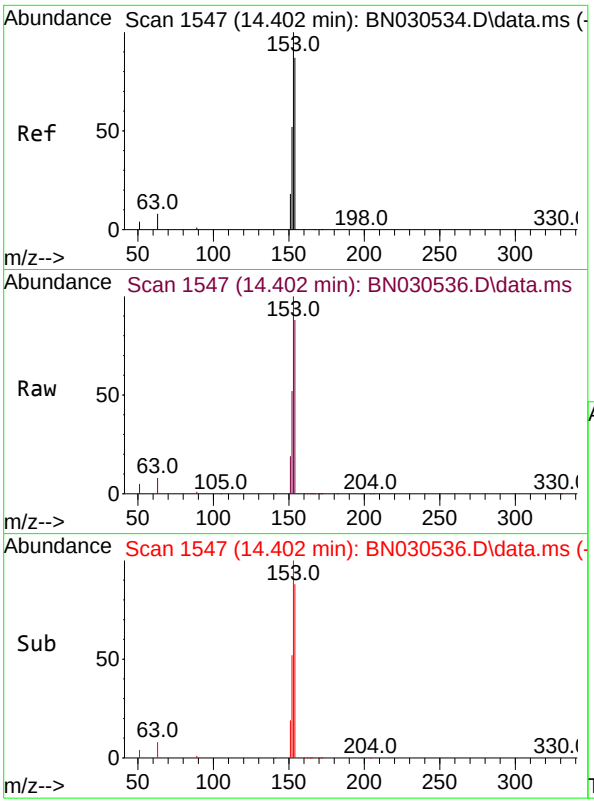


#16
Acenaphthylene
Concen: 1.863 ng
RT: 14.060 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:152 Resp: 82800

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	12.9	10.3	15.5





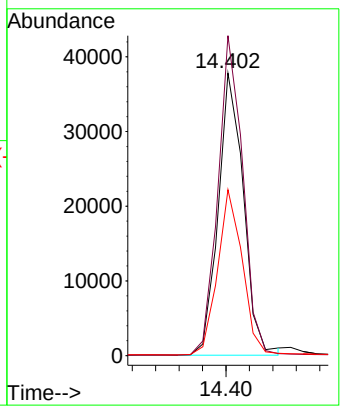
#17
Acenaphthene
Concen: 1.767 ng
RT: 14.402 min Scan# 1

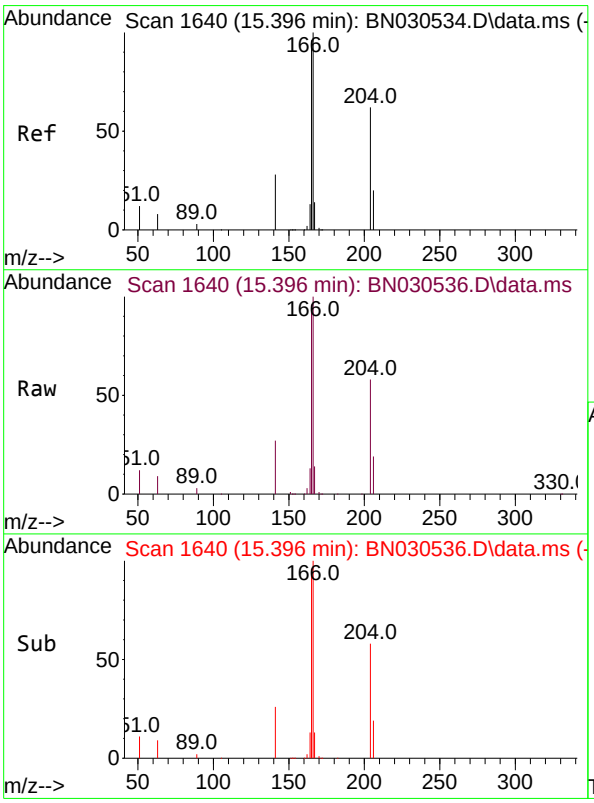
Instrument :
BNA_N
ClientSampleId :

Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:154 Resp: 56363

Ion	Ratio	Lower	Upper
154	100		
153	111.7	91.0	136.6
152	57.6	47.8	71.6

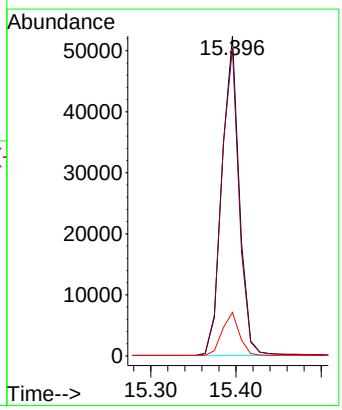


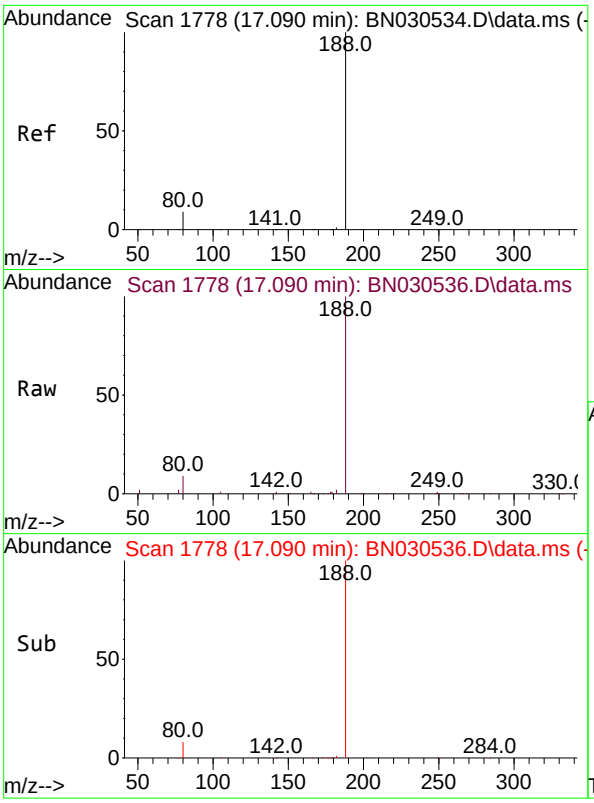


#18
Fluorene
Concen: 1.789 ng
RT: 15.396 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:166 Resp: 74063

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.9	116.9
167	13.4	10.8	16.2



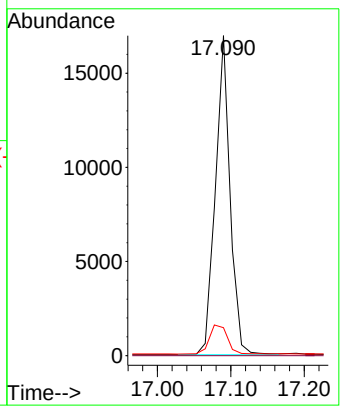


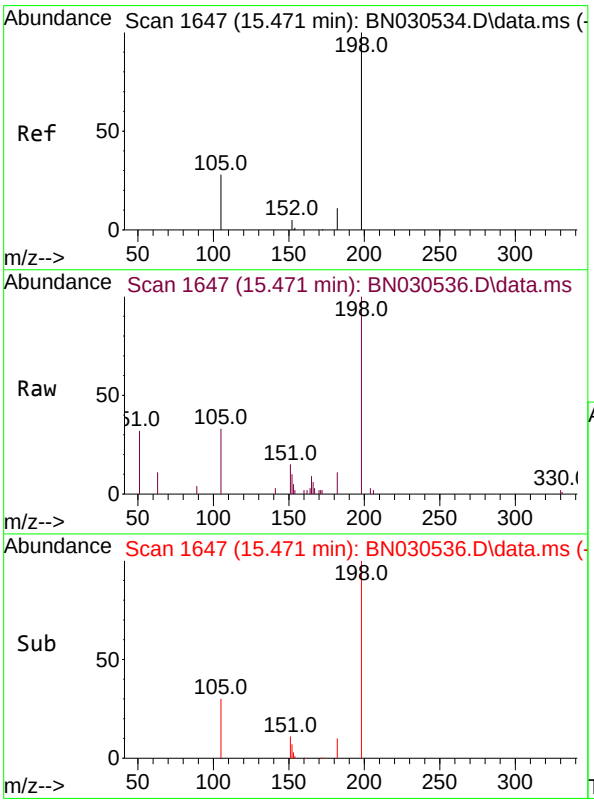
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.090 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 23643

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.4	11.0

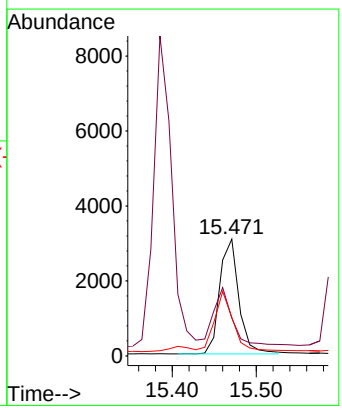


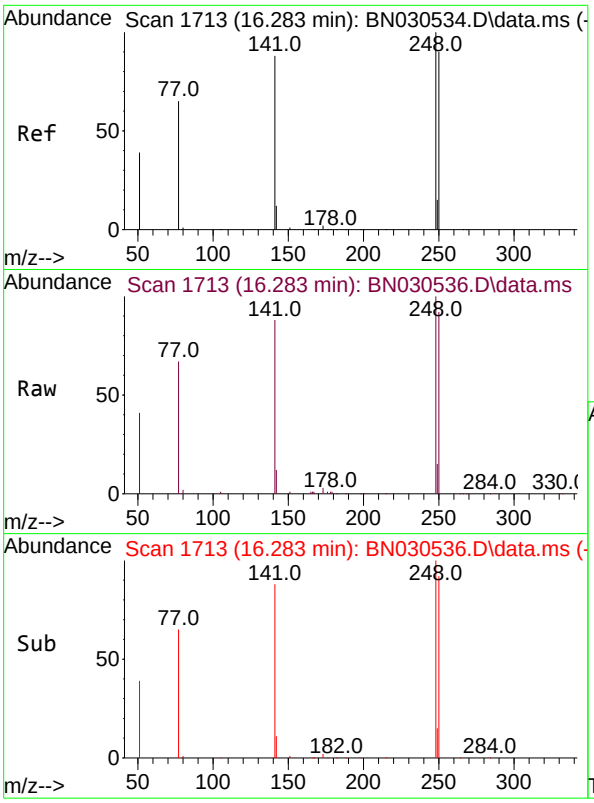


#20
4,6-Dinitro-2-methylphenol
Concen: 2.236 ng
RT: 15.471 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:198 Resp: 4905

Ion	Ratio	Lower	Upper
198	100		
51	32.5	57.8	86.6#
105	33.0	37.5	56.3#



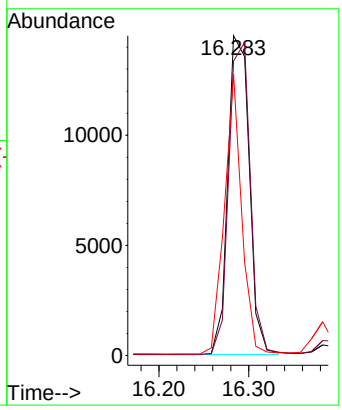


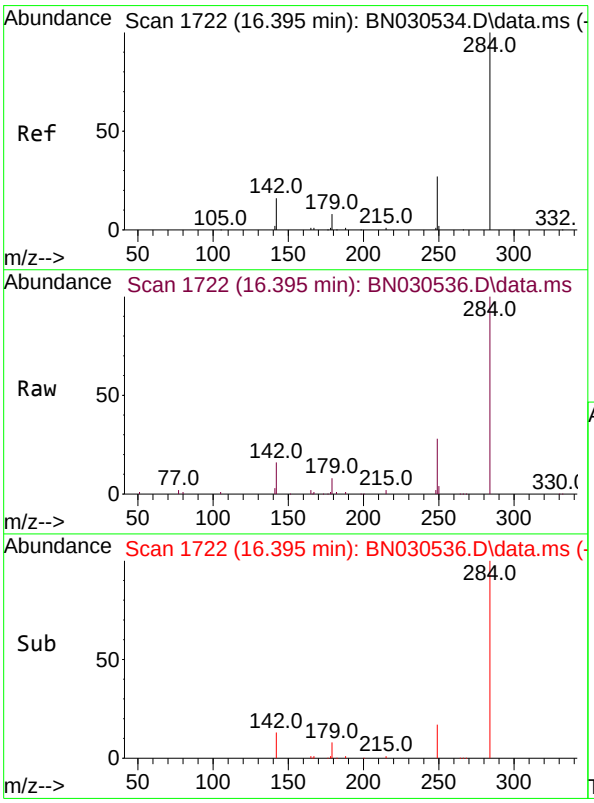
#21
4-Bromophenyl-phenylether
Concen: 1.747 ng
RT: 16.283 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 24051

Ion	Ratio	Lower	Upper
248	100		
250	92.0	72.2	108.2
141	88.0	71.1	106.7

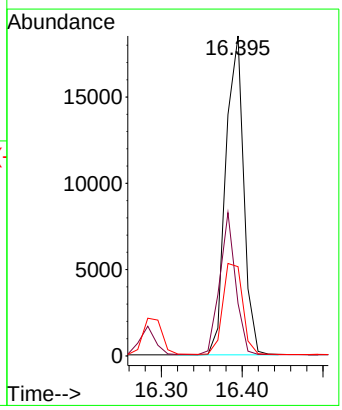


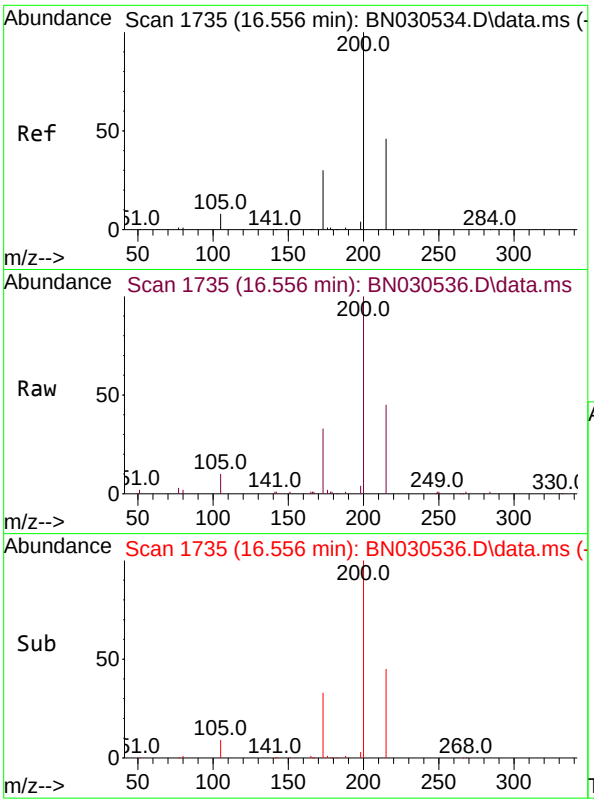


#22
Hexachlorobenzene
Concen: 1.689 ng
RT: 16.395 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:284 Resp: 28384

Ion	Ratio	Lower	Upper
284	100		
142	39.6	31.8	47.6
249	31.6	25.8	38.6



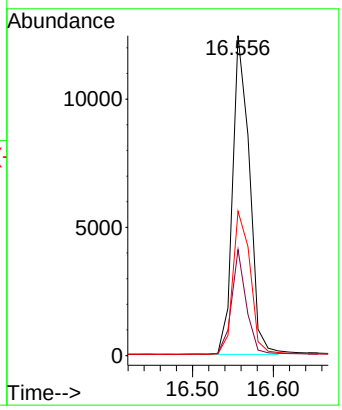


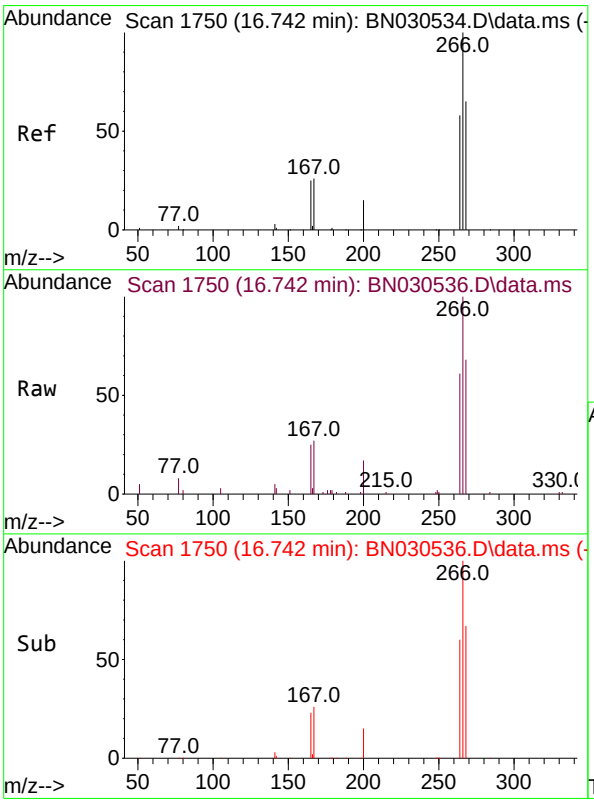
#23
Atrazine
Concen: 1.905 ng
RT: 16.556 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 18008

Ion	Ratio	Lower	Upper
200	100		
173	33.1	25.0	37.6
215	45.1	37.4	56.2

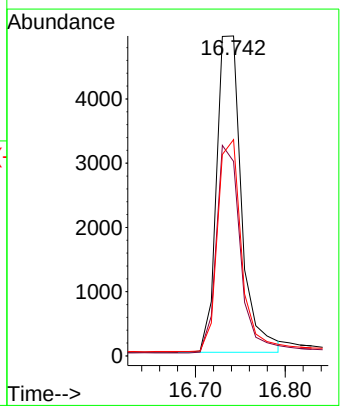


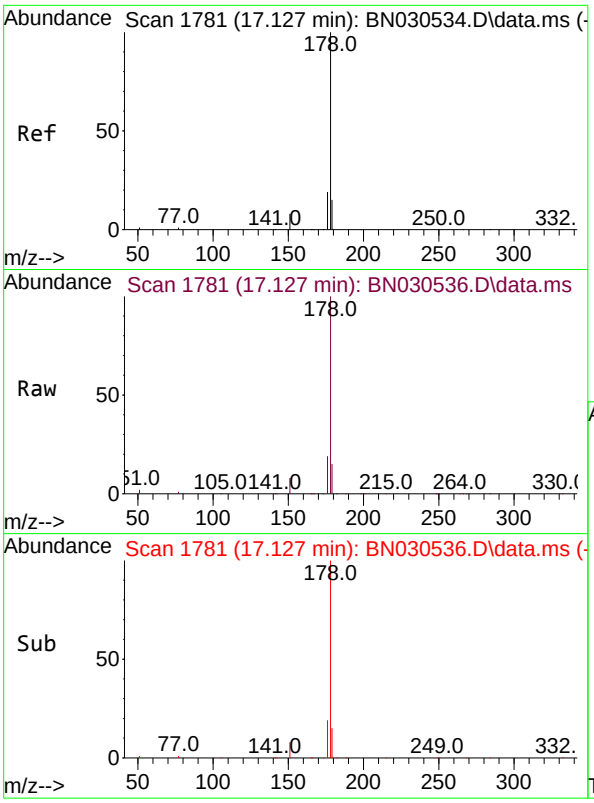


#24
Pentachlorophenol
Concen: 2.282 ng
RT: 16.742 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:266 Resp: 9513

Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.7	73.1
268	64.6	49.5	74.3



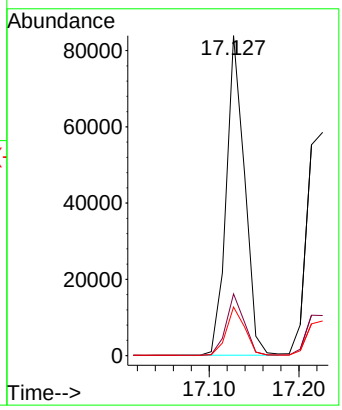


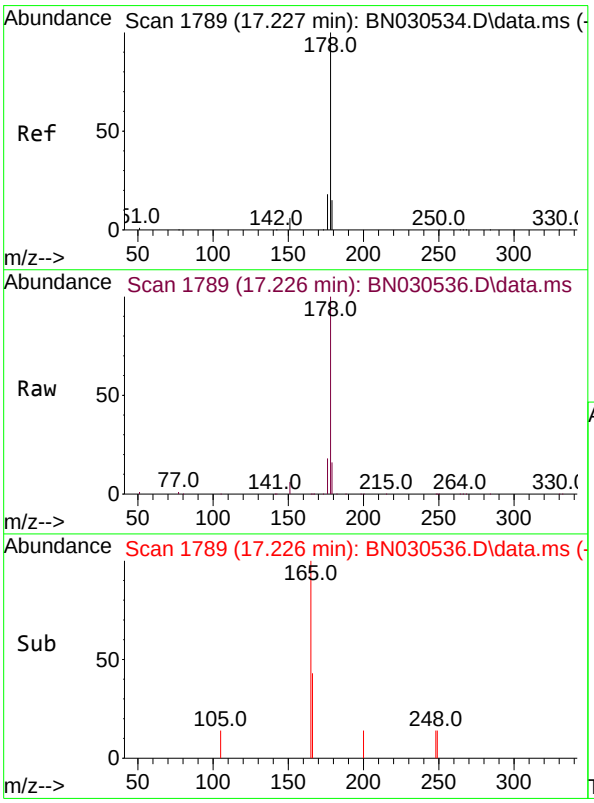
#25
Phenanthrene
Concen: 1.757 ng
RT: 17.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 119173

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.4	18.6

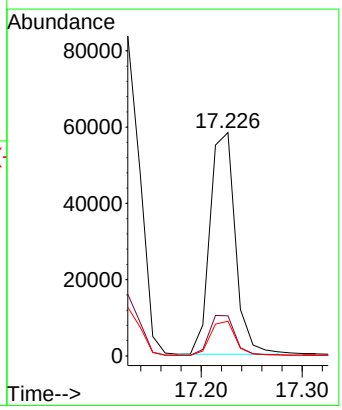


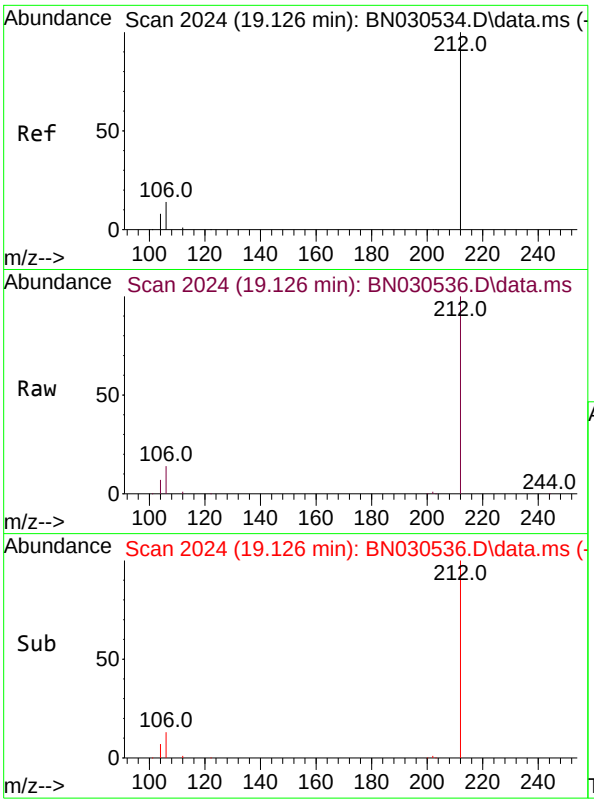


#26
Anthracene
Concen: 1.881 ng
RT: 17.226 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:178 Resp: 101655

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.2	12.2	18.4



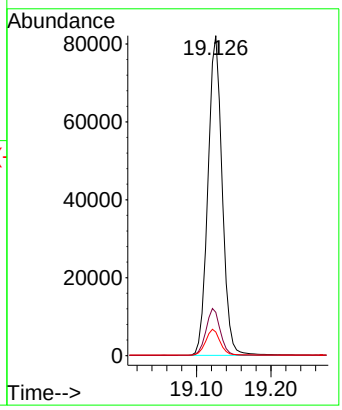


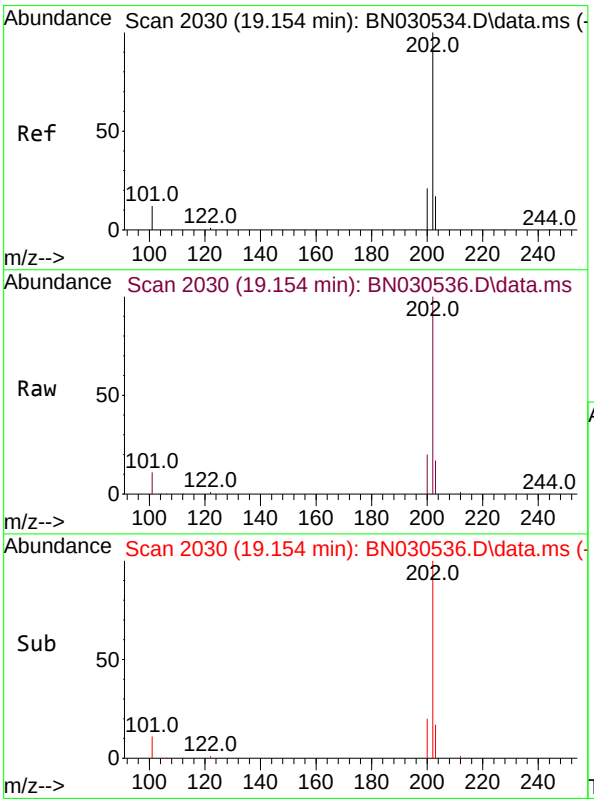
#27
Fluoranthene-d10
Concen: 1.806 ng
RT: 19.126 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 108977

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

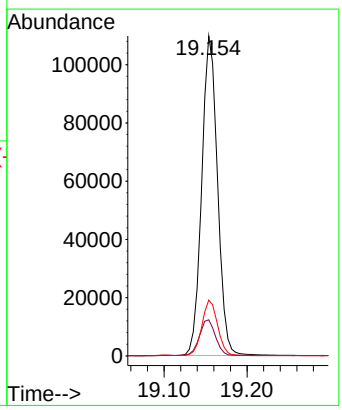


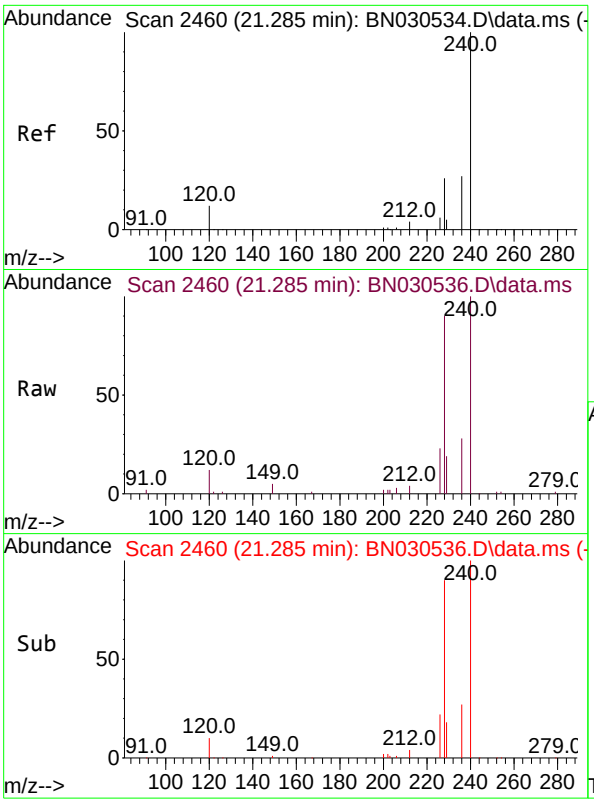


#28
Fluoranthene
Concen: 1.829 ng
RT: 19.154 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:202 Resp: 144500

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



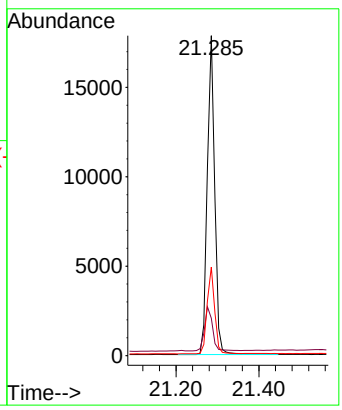


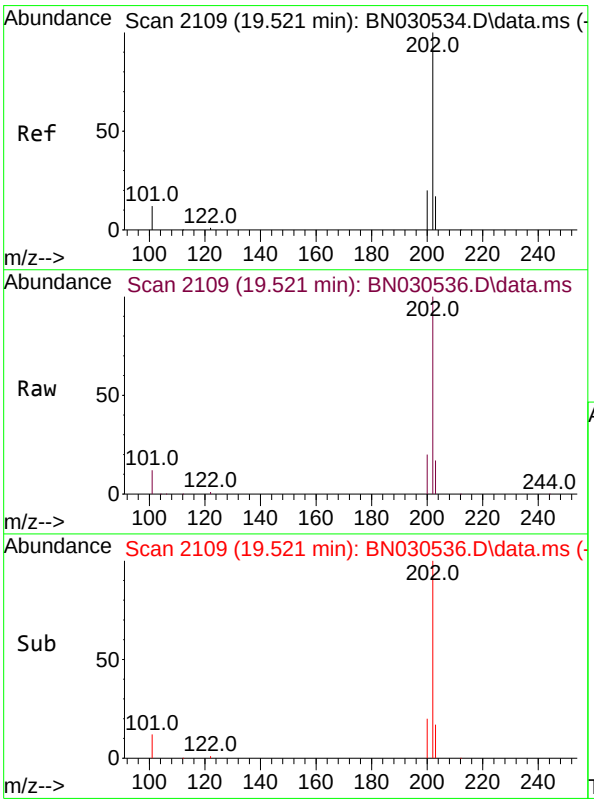
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.285 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 22112

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.6	15.8
236	27.7	22.1	33.1

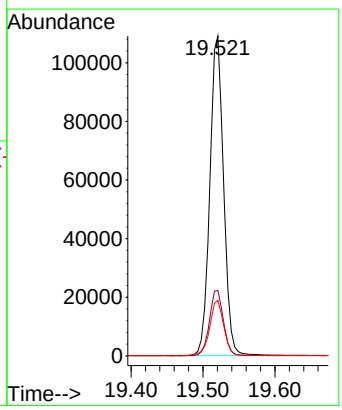


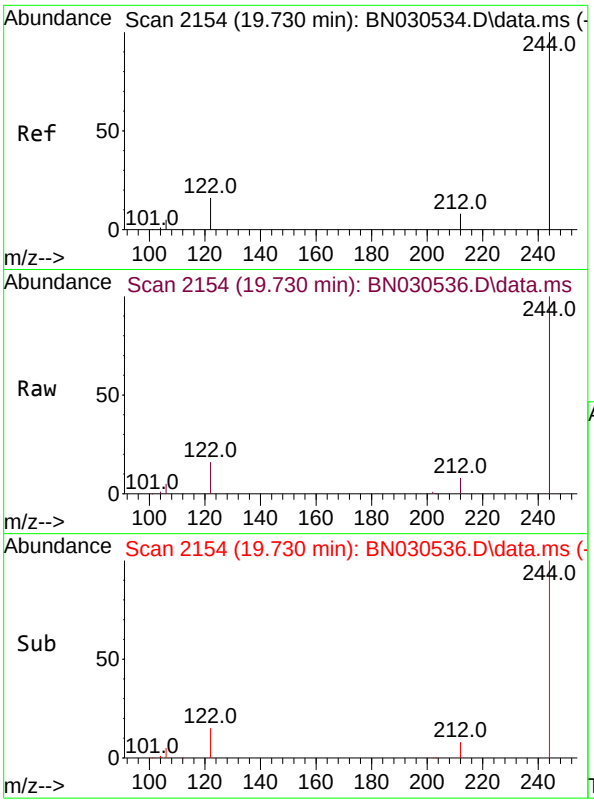


#30
Pyrene
Concen: 1.722 ng
RT: 19.521 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:202 Resp: 145456

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	14.2	21.4



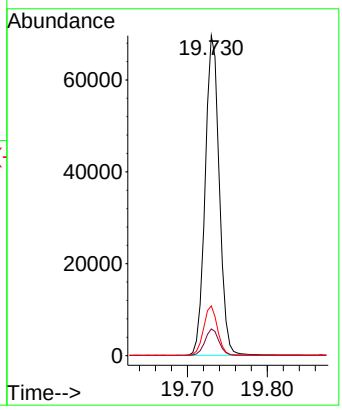


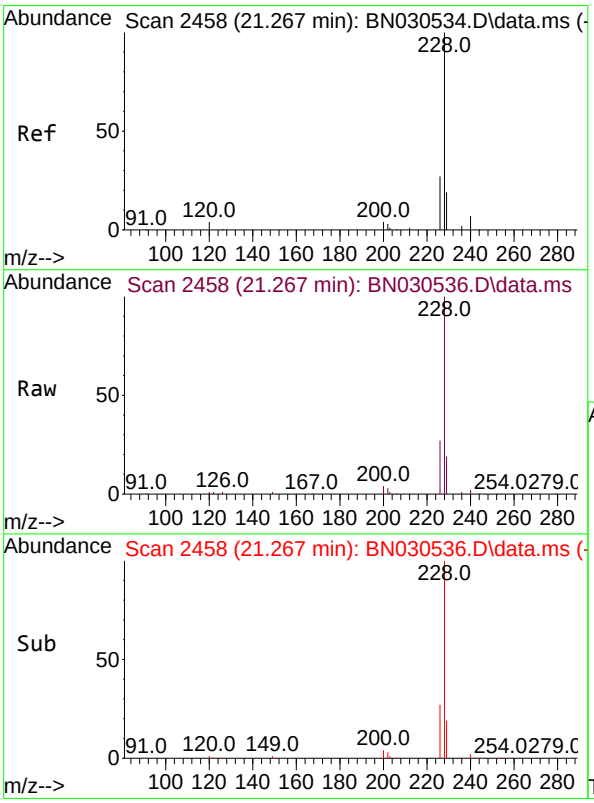
#31
Terphenyl-d14
Concen: 1.688 ng
RT: 19.730 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 85354

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	15.5	12.7	19.1

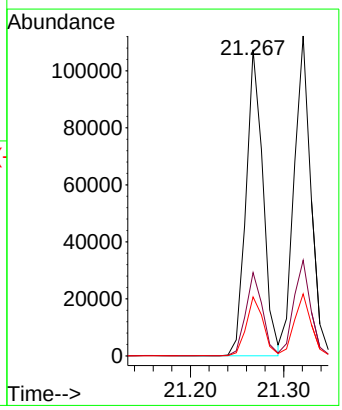


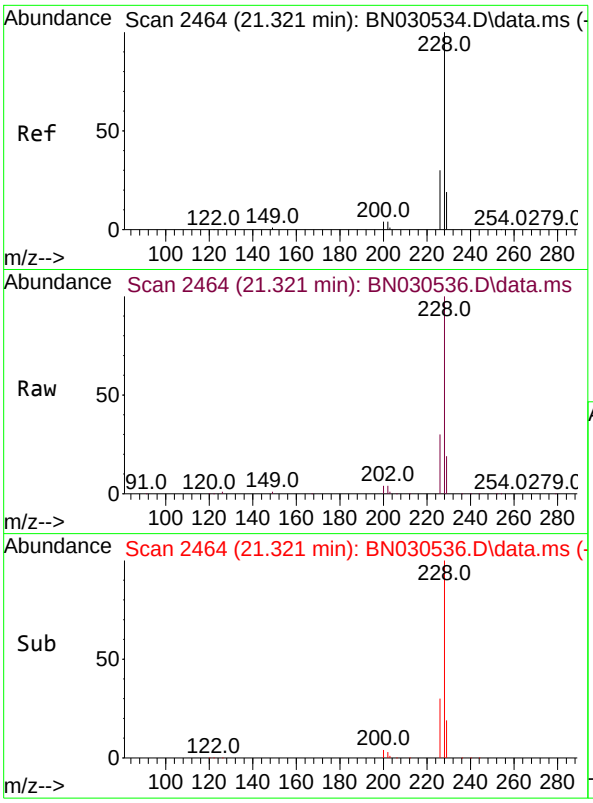


#32
Benzo(a)anthracene
Concen: 1.823 ng
RT: 21.267 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:228 Resp: 134917

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.2	15.4	23.2



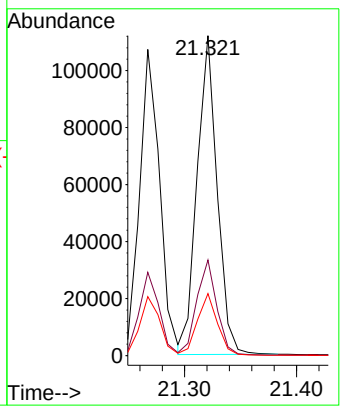


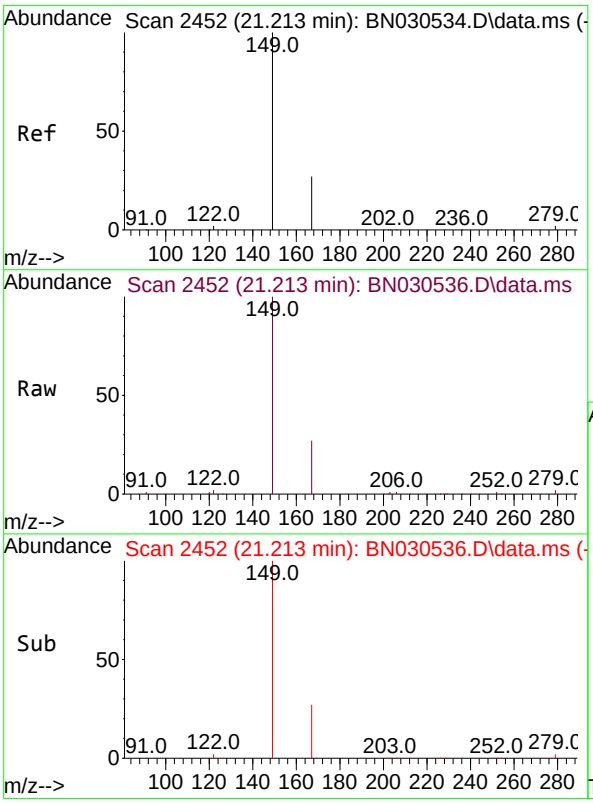
#33
Chrysene
Concen: 1.678 ng
RT: 21.321 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 139693

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.4	15.8	23.6

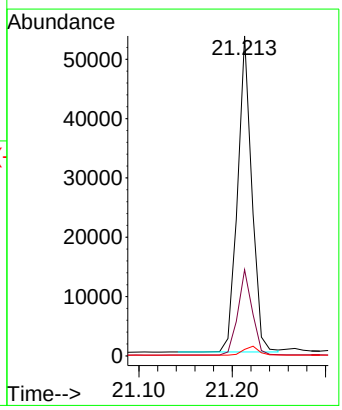


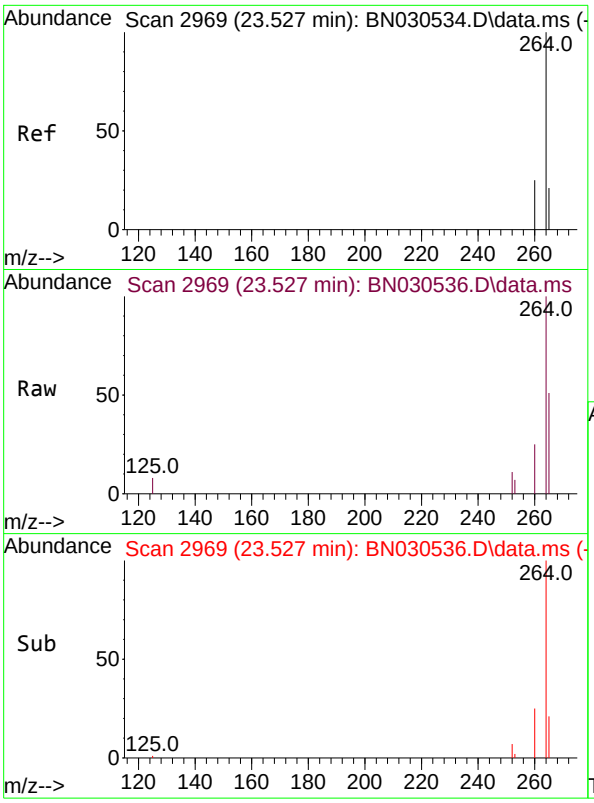


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.855 ng
RT: 21.213 min Scan# 2452
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:149 Resp: 56210

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.4	32.0
279	3.1	2.3	3.5



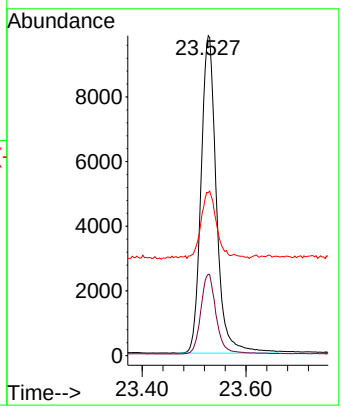


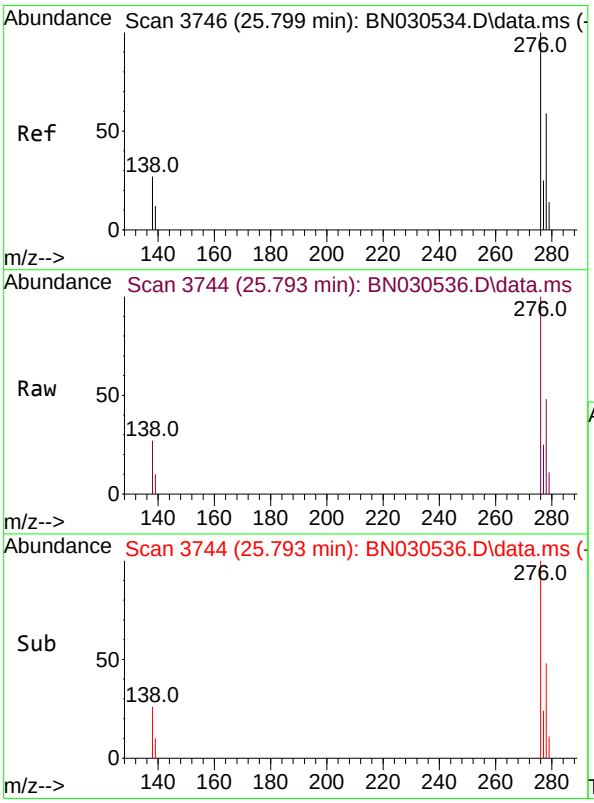
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.527 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 20225

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	51.0	41.8	62.8

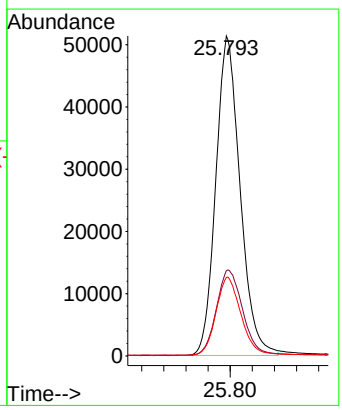


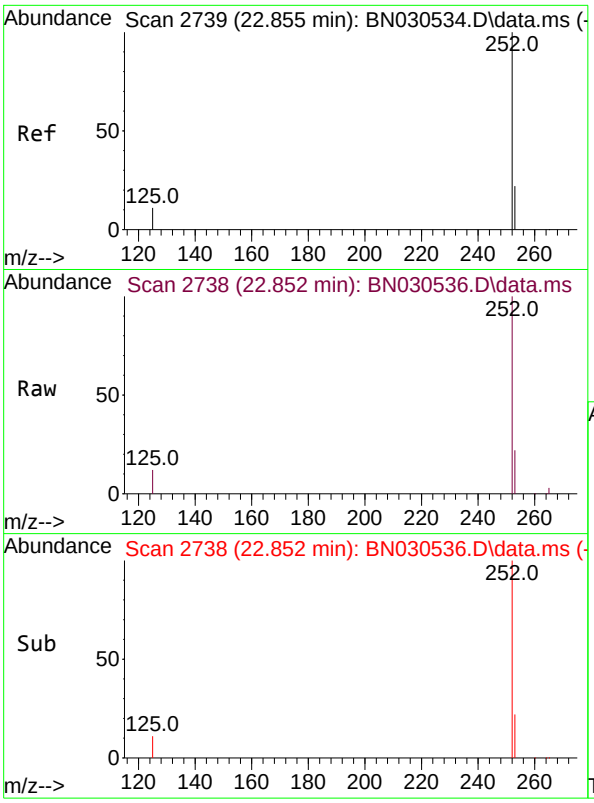


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.857 ng
RT: 25.793 min Scan# 3744
Delta R.T. -0.006 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:276 Resp: 156660

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.4
277	25.0	20.1	30.1



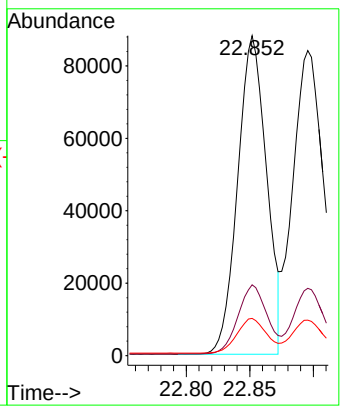


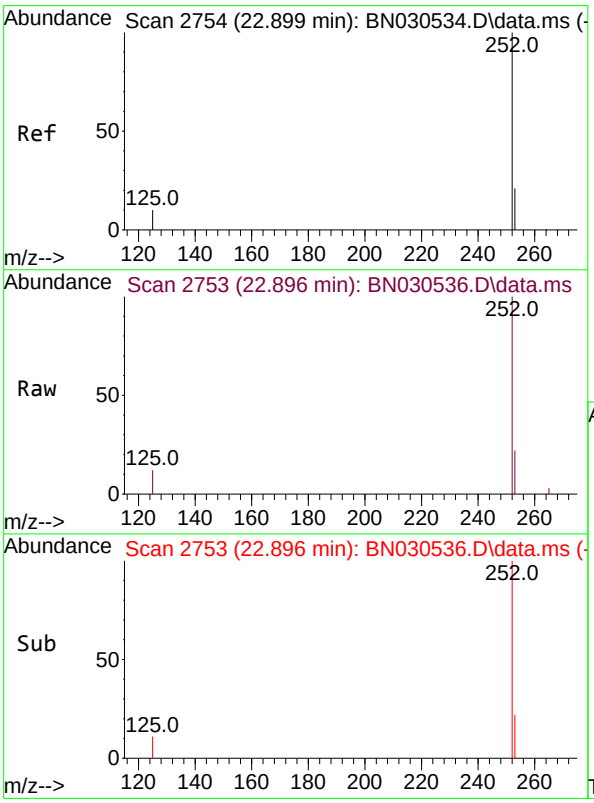
#37
Benzo(b)fluoranthene
Concen: 1.759 ng
RT: 22.852 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 138755

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	11.6	11.7	17.5#

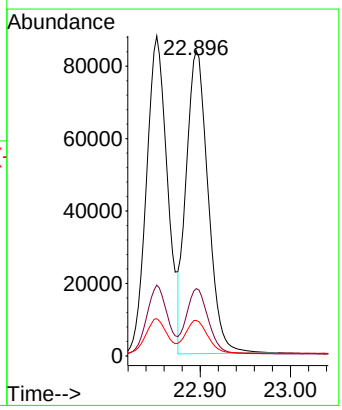


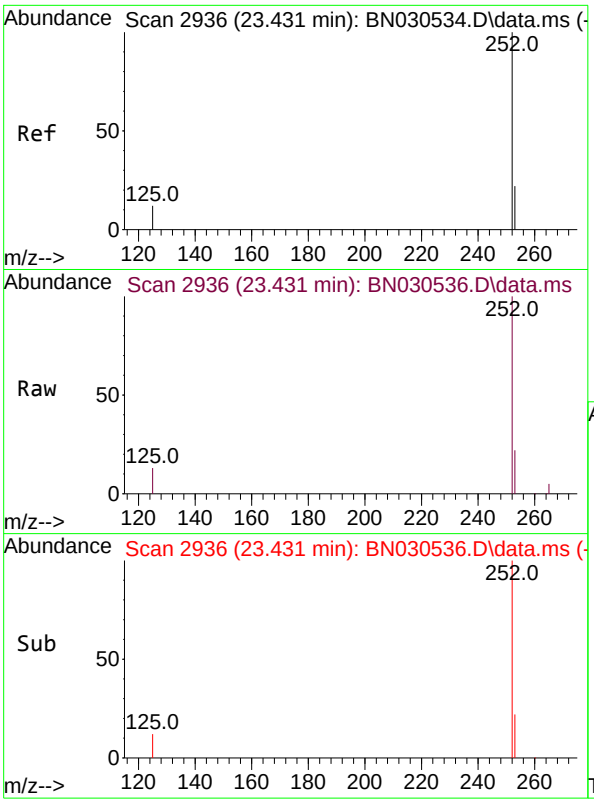


#38
Benzo(k)fluoranthene
Concen: 1.776 ng
RT: 22.896 min Scan# 2753
Delta R.T. -0.003 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:252 Resp: 141093

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	11.6	11.5	17.3



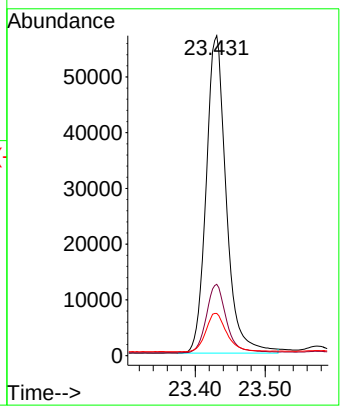


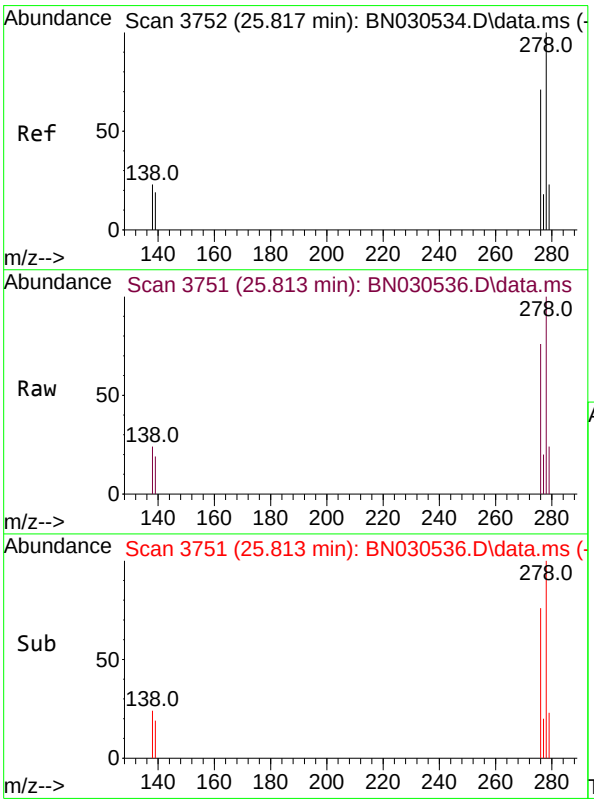
#39
Benzo(a)pyrene
Concen: 1.843 ng
RT: 23.431 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 113262

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	13.2	14.3	21.5#

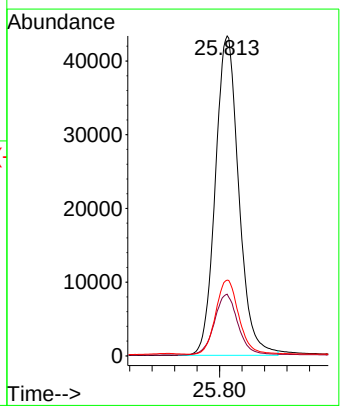


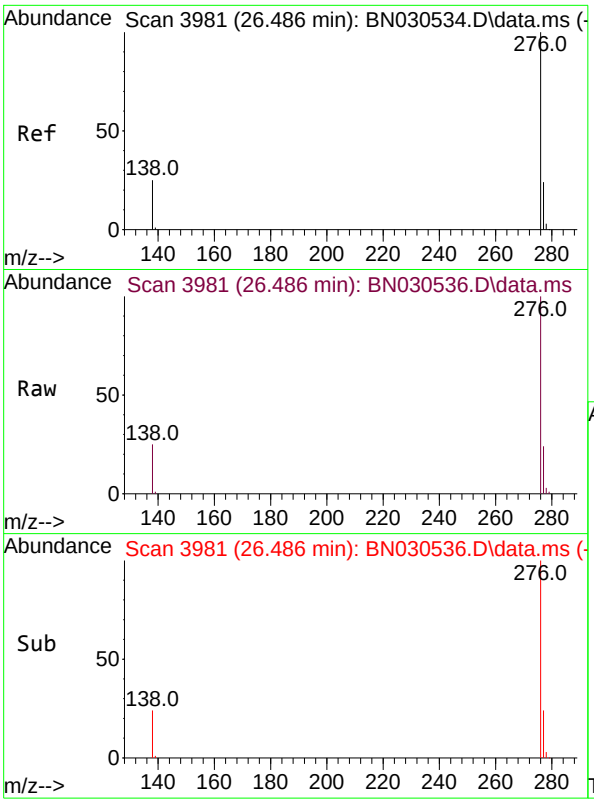


#40
Dibenzo(a,h)anthracene
Concen: 1.881 ng
RT: 25.813 min Scan# 3751
Delta R.T. -0.003 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Tgt Ion:278 Resp: 125436

Ion	Ratio	Lower	Upper
278	100		
139	19.3	16.2	24.2
279	23.7	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 1.772 ng
RT: 26.486 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030536.D
Acq: 29 Mar 2024 18:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 129983

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	24.7	20.6	31.0