Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030271.D
Acq On : 05 Mar 2024 14:35
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Mar 05 16:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration

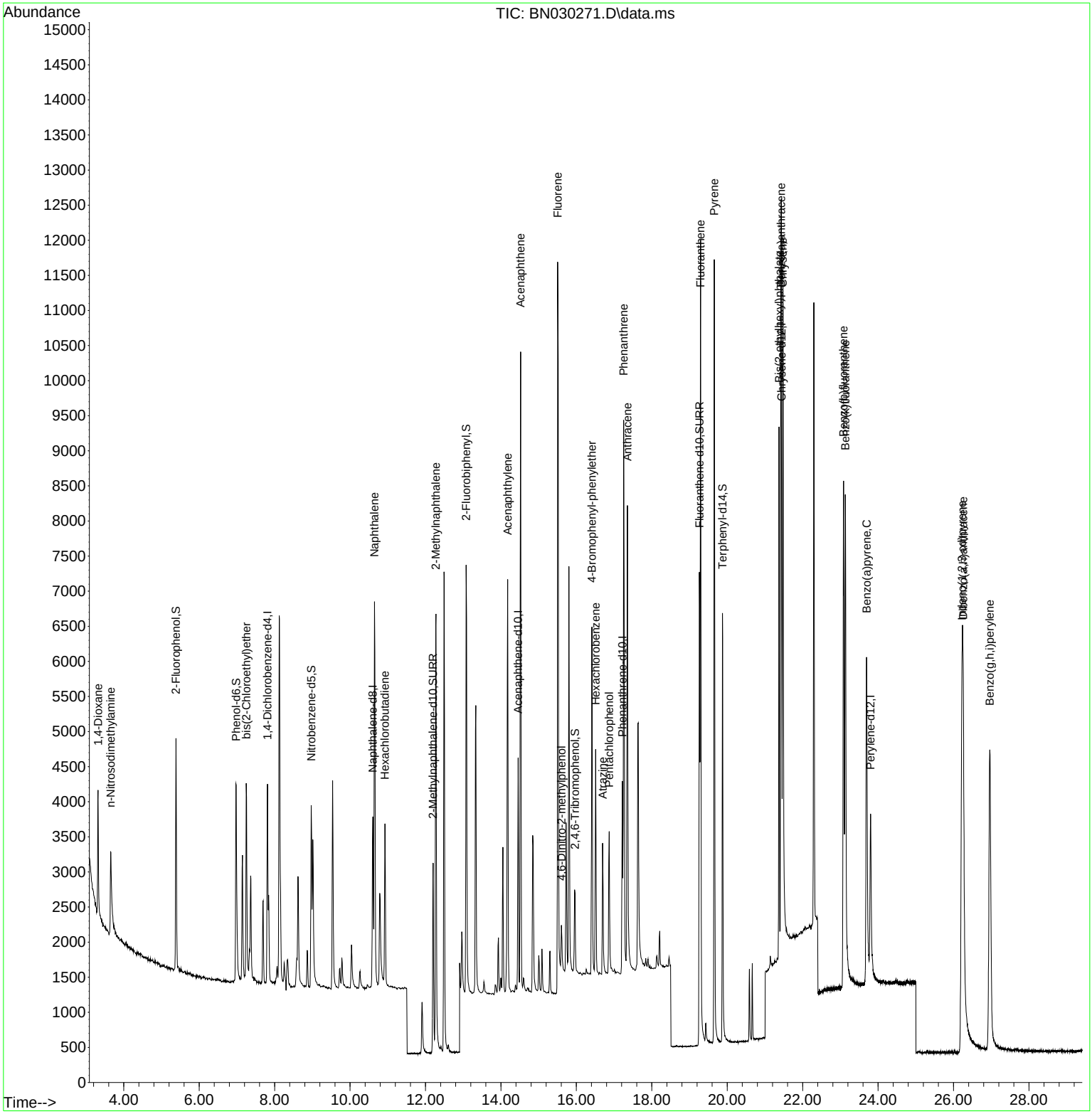
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1380	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	3651	0.400	ng		0.00
13) Acenaphthene-d10	14.458	164	1872	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	4004	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3417	0.400	ng		0.00
35) Perylene-d12	23.800	264	3742	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	2754	0.760	ng		0.00
5) Phenol-d6	6.981	99	2965	0.778	ng		0.00
8) Nitrobenzene-d5	8.971	82	2538	0.762	ng		0.00
11) 2-Methylnaphthalene-d10	12.201	152	4154	0.784	ng		0.00
14) 2,4,6-Tribromophenol	15.965	330	749	0.778	ng		0.00
15) 2-Fluorobiphenyl	13.079	172	5994	0.771	ng		-0.01
27) Fluoranthene-d10	19.262	212	8564	0.779	ng		0.00
31) Terphenyl-d14	19.875	244	6842	0.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1271	0.710	ng		94
3) n-Nitrosodimethylamine	3.651	42	1423	0.759	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	2388	0.791	ng		97
9) Naphthalene	10.648	128	7780	0.763	ng		98
10) Hexachlorobutadiene	10.925	225	1781	0.765	ng	#	100
12) 2-Methylnaphthalene	12.276	142	4858	0.772	ng		97
16) Acenaphthylene	14.180	152	6867	0.760	ng		100
17) Acenaphthene	14.522	154	4460	0.765	ng		100
18) Fluorene	15.505	166	5385	0.768	ng		98
20) 4,6-Dinitro-2-methylph...	15.605	198	641	0.771	ng	#	84
21) 4-Bromophenyl-phenylether	16.411	248	1822	0.745	ng		98
22) Hexachlorobenzene	16.511	284	2149	0.760	ng		99
23) Atrazine	16.697	200	1650	0.761	ng		93
24) Pentachlorophenol	16.871	266	1159	0.786	ng		99
25) Phenanthrene	17.255	178	8671	0.757	ng		99
26) Anthracene	17.355	178	7916	0.752	ng		99
28) Fluoranthene	19.294	202	10762	0.772	ng		99
30) Pyrene	19.657	202	11061	0.771	ng		99
32) Benzo(a)anthracene	21.429	228	9415	0.786	ng		98
33) Chrysene	21.474	228	10031	0.774	ng		98
34) Bis(2-ethylhexyl)phtha...	21.376	149	6719	0.704	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.224	276	11913	0.760	ng		98
37) Benzo(b)fluoranthene	23.084	252	10101	0.773	ng		91
38) Benzo(k)fluoranthene	23.131	252	10124	0.762	ng	#	91
39) Benzo(a)pyrene	23.695	252	9008	0.780	ng	#	87
40) Dibenzo(a,h)anthracene	26.256	278	9603	0.779	ng		94
41) Benzo(g,h,i)perylene	26.964	276	10939	0.770	ng		98

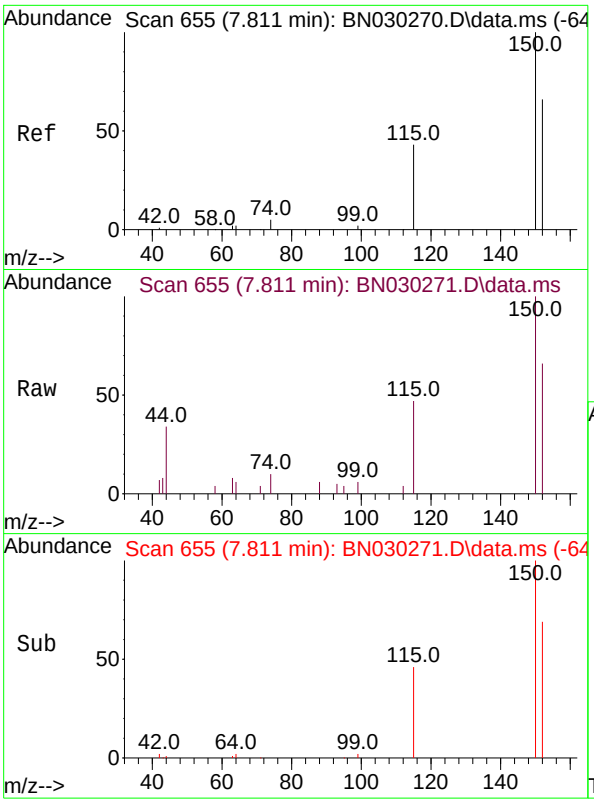
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030271.D
Acq On : 05 Mar 2024 14:35
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Mar 05 16:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration



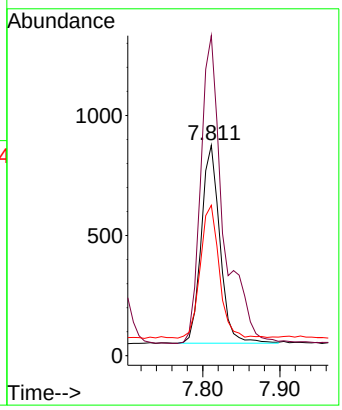


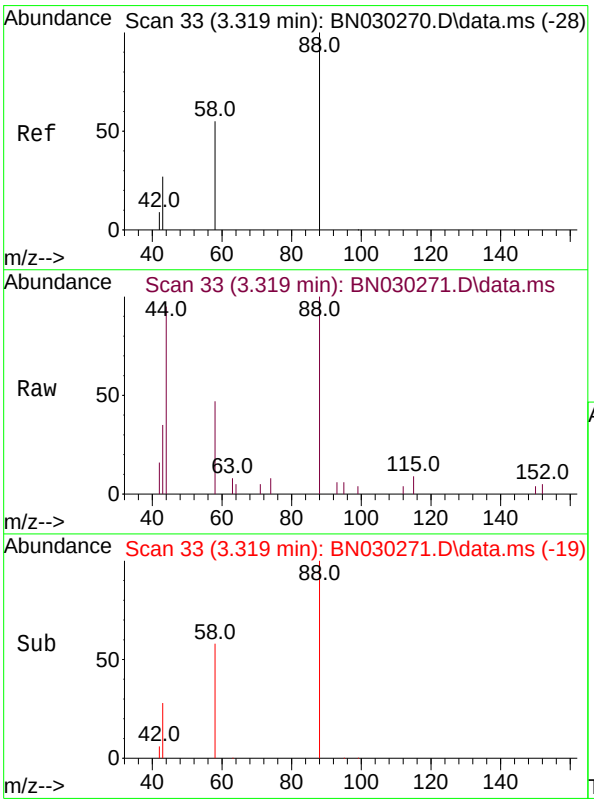
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 1380

Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.4	179.0
115	71.5	56.9	85.3

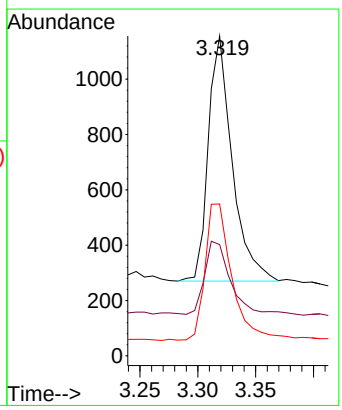


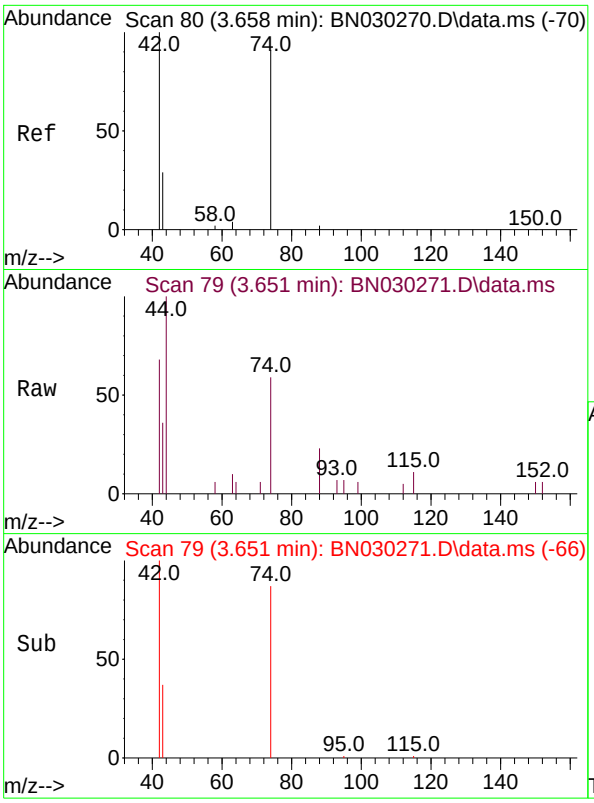


#2
1,4-Dioxane
Concen: 0.710 ng
RT: 3.319 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion: 88 Resp: 1271

Ion	Ratio	Lower	Upper
88	100		
43	32.1	23.8	35.8
58	62.8	46.2	69.4



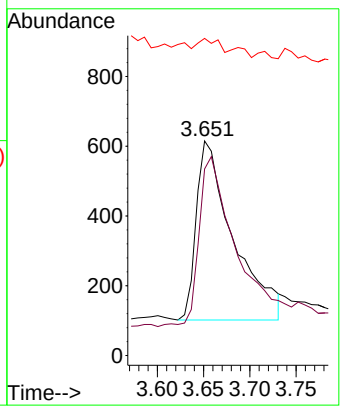


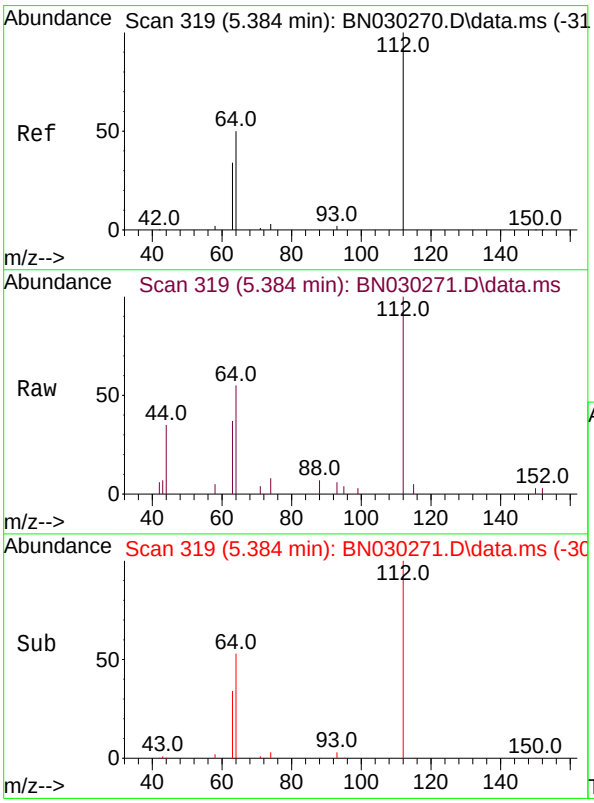
#3
n-Nitrosodimethylamine
Concen: 0.759 ng
RT: 3.651 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1423

Ion	Ratio	Lower	Upper
42	100		
74	95.0	79.4	119.0
44	2.9	0.0	0.0#

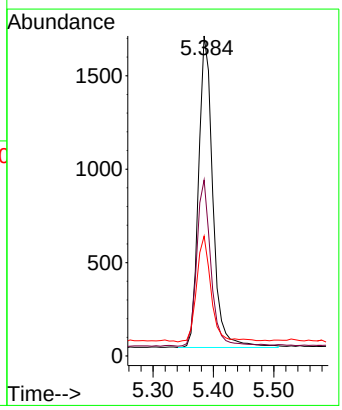


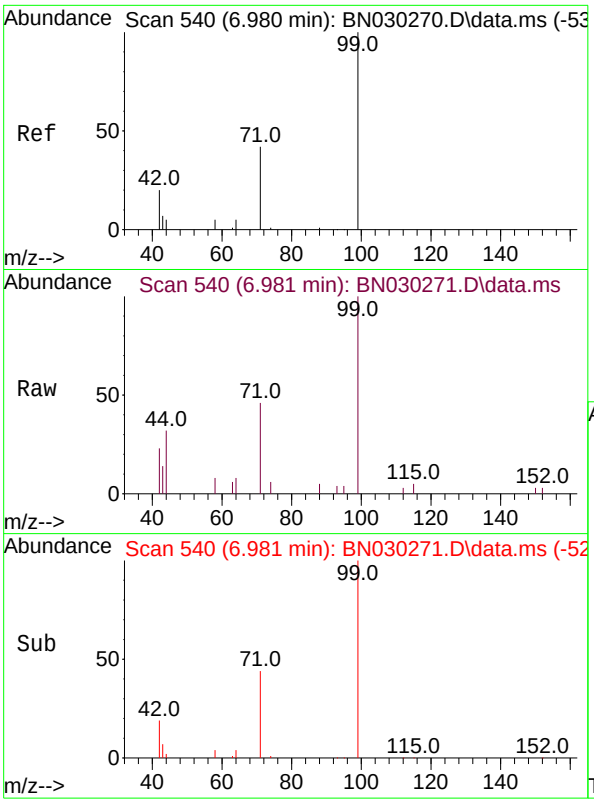


#4
2-Fluorophenol
Concen: 0.760 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:112 Resp: 2754

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.8	62.8
63	34.5	27.1	40.7



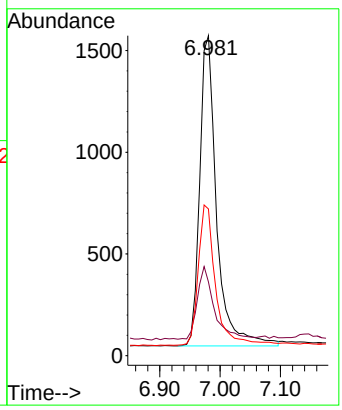


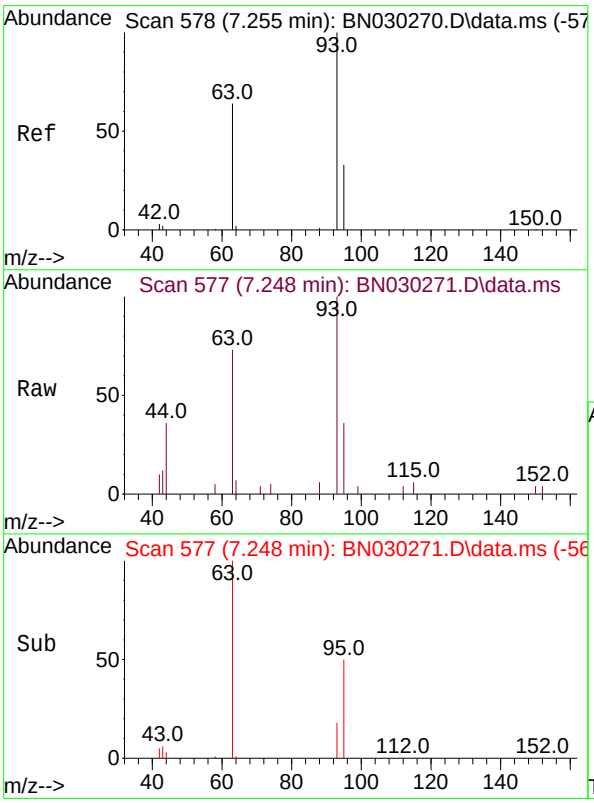
#5
Phenol-d6
Concen: 0.778 ng
RT: 6.981 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 2965

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.0	28.6
71	46.8	36.0	54.0

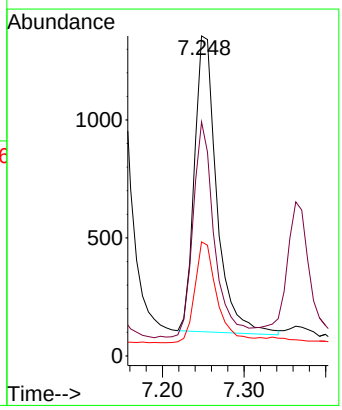


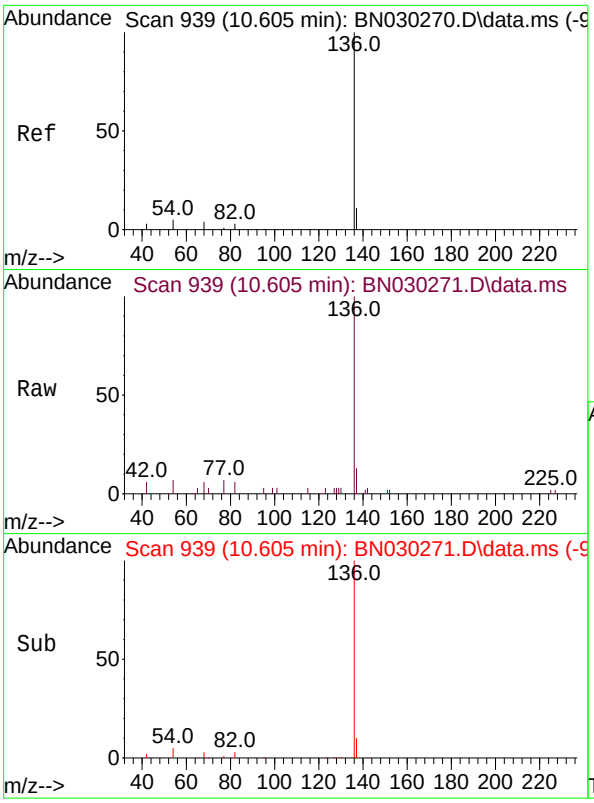


#6
bis(2-Chloroethyl)ether
Concen: 0.791 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion: 93 Resp: 2388

Ion	Ratio	Lower	Upper
93	100		
63	70.4	57.7	86.5
95	33.8	28.6	43.0



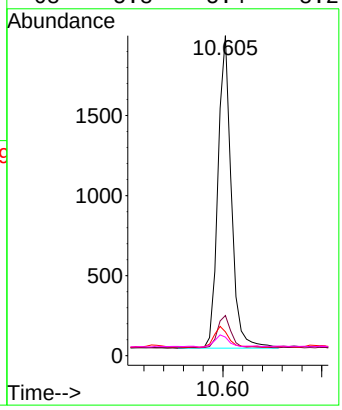


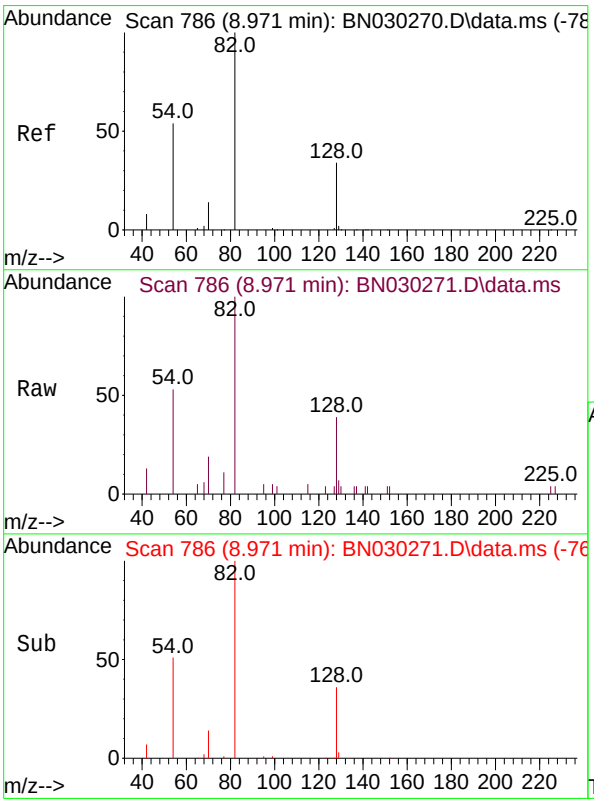
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 3651

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.5	15.7
54	7.5	6.4	9.6
68	5.8	5.4	8.2

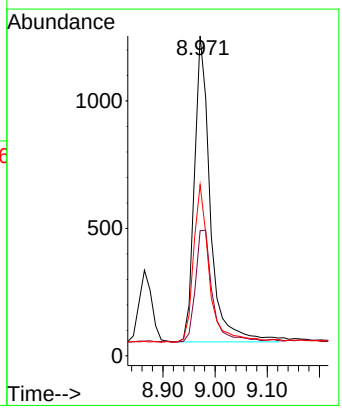


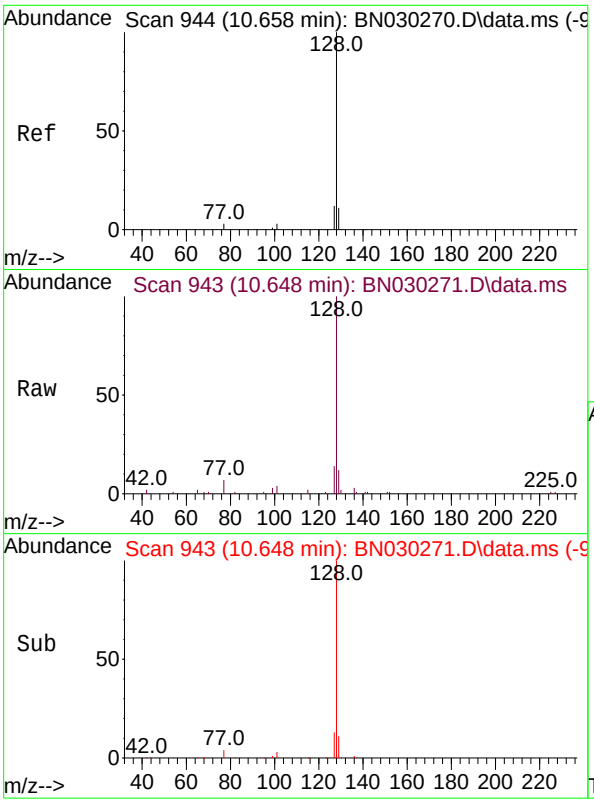


#8
Nitrobenzene-d5
Concen: 0.762 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion: 82 Resp: 2538

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.2	48.2
54	53.5	47.3	70.9



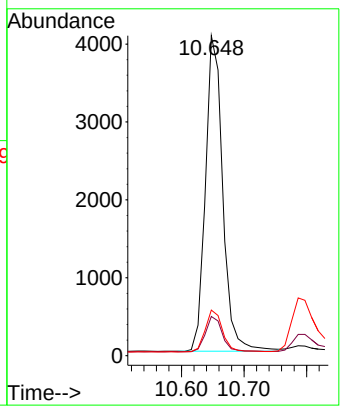


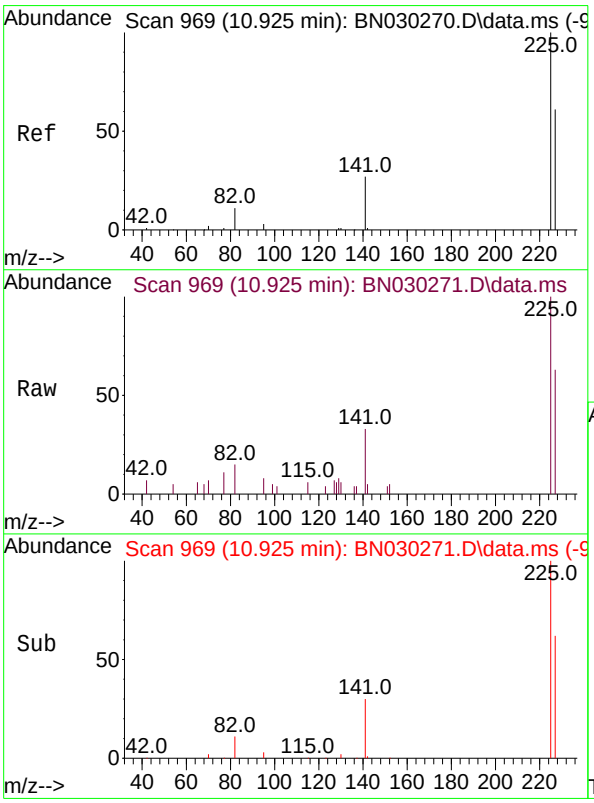
#9
Naphthalene
Concen: 0.763 ng
RT: 10.648 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 7780

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.8	16.2
127	14.3	11.7	17.5

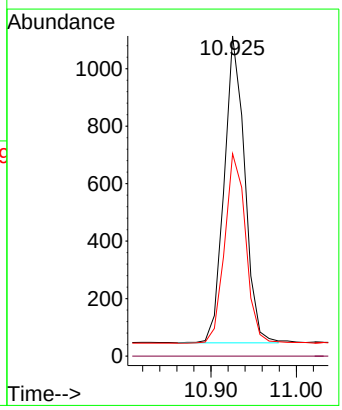


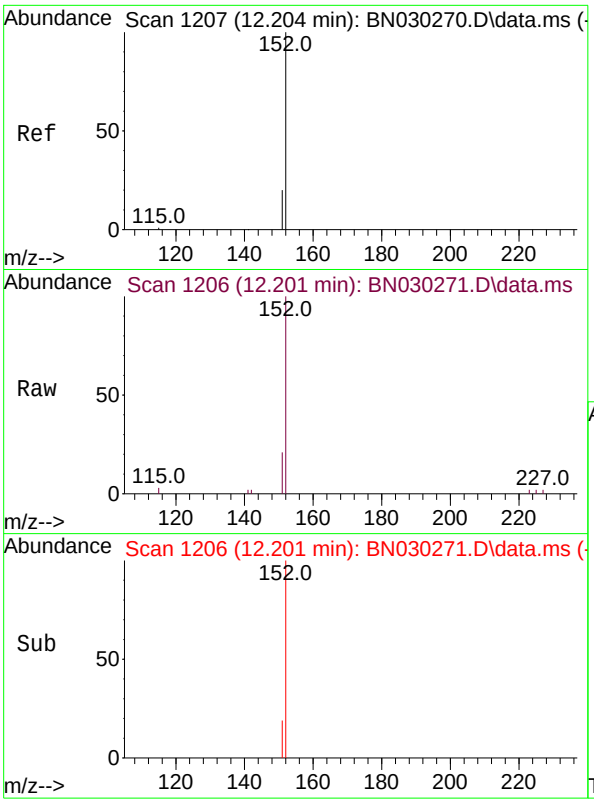


#10
Hexachlorobutadiene
Concen: 0.765 ng
RT: 10.925 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:225 Resp: 1781

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.6	76.0



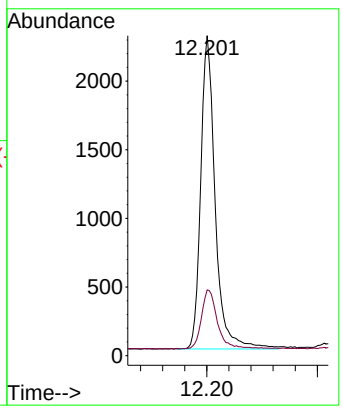


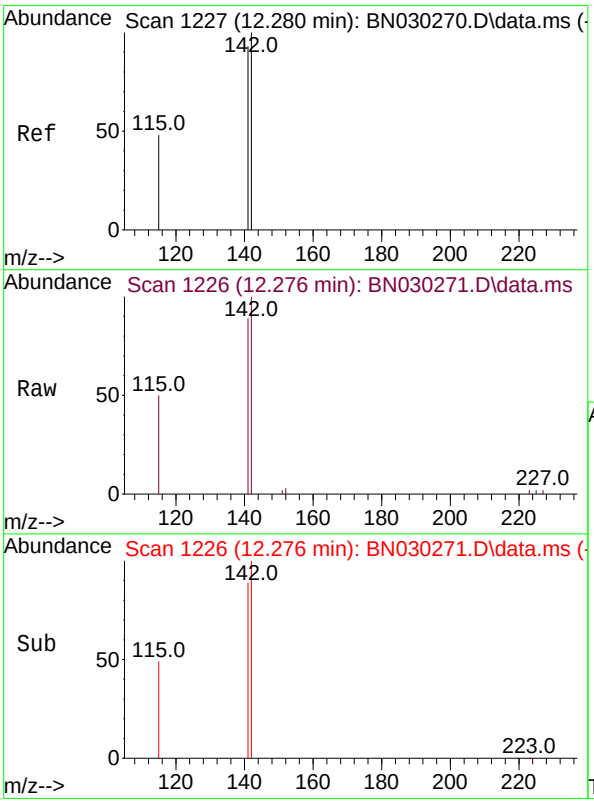
#11
2-Methylnaphthalene-d10
Concen: 0.784 ng
RT: 12.201 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 4154

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1

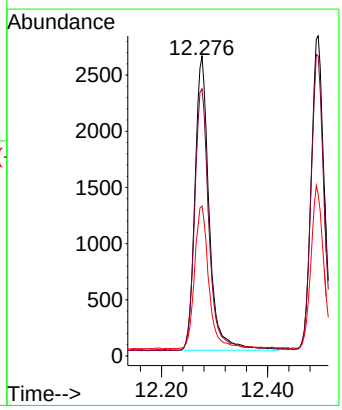


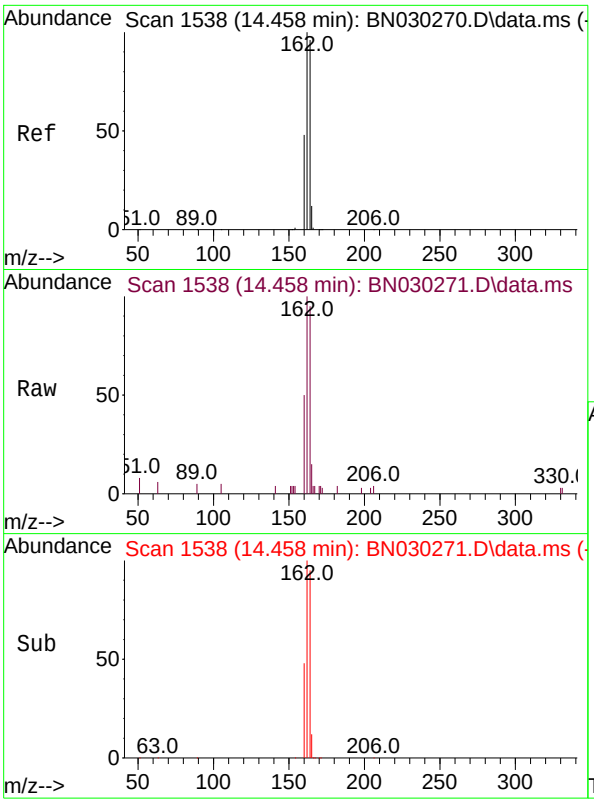


#12
2-Methylnaphthalene
Concen: 0.772 ng
RT: 12.276 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:142 Resp: 4858

Ion	Ratio	Lower	Upper
142	100		
141	89.1	74.2	111.4
115	50.0	40.7	61.1



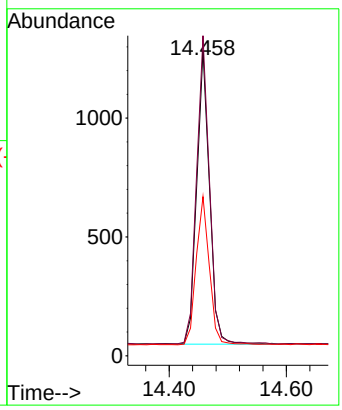


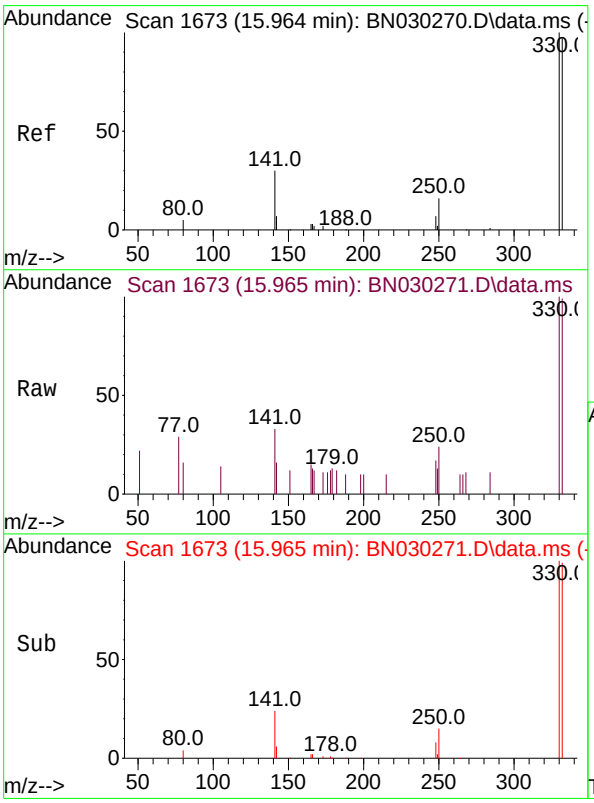
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 1872

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.2
160	52.2	41.7	62.5

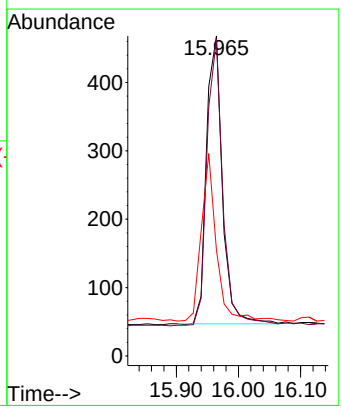


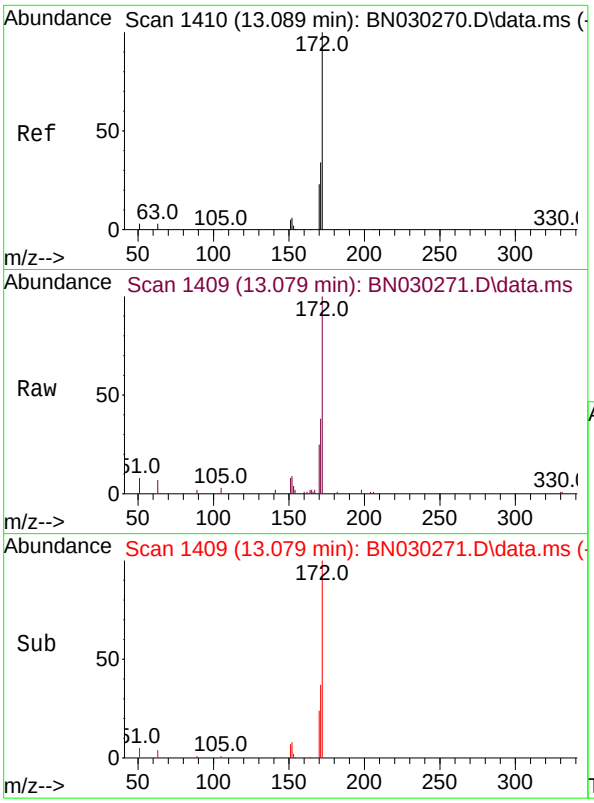


#14
2,4,6-Tribromophenol
Concen: 0.778 ng
RT: 15.965 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:330 Resp: 749

Ion	Ratio	Lower	Upper
330	100		
332	100.7	72.6	108.8
141	55.4	41.3	61.9



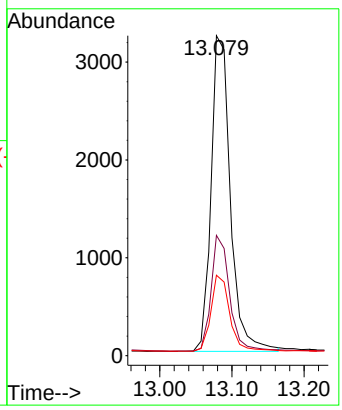


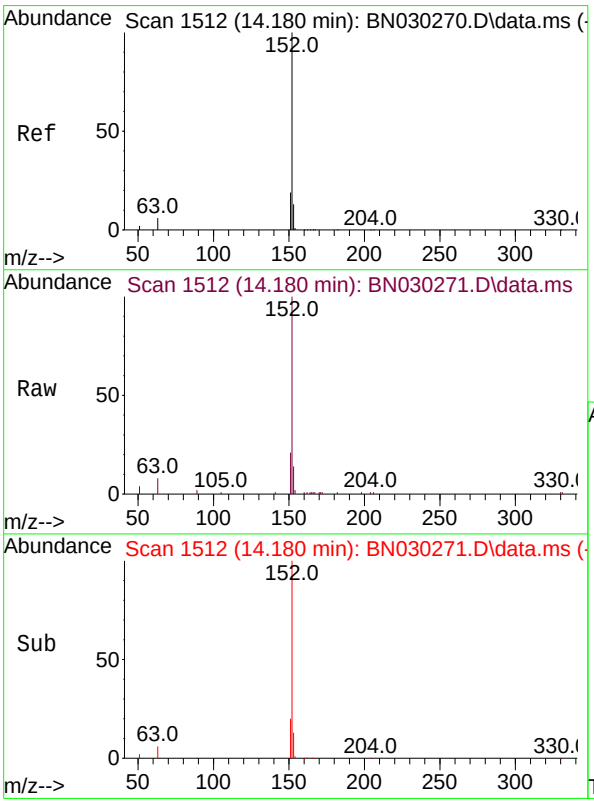
#15
2-Fluorobiphenyl
Concen: 0.771 ng
RT: 13.079 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 5994

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.4
170	25.1	20.2	30.2

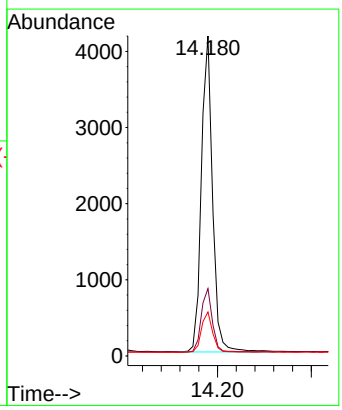


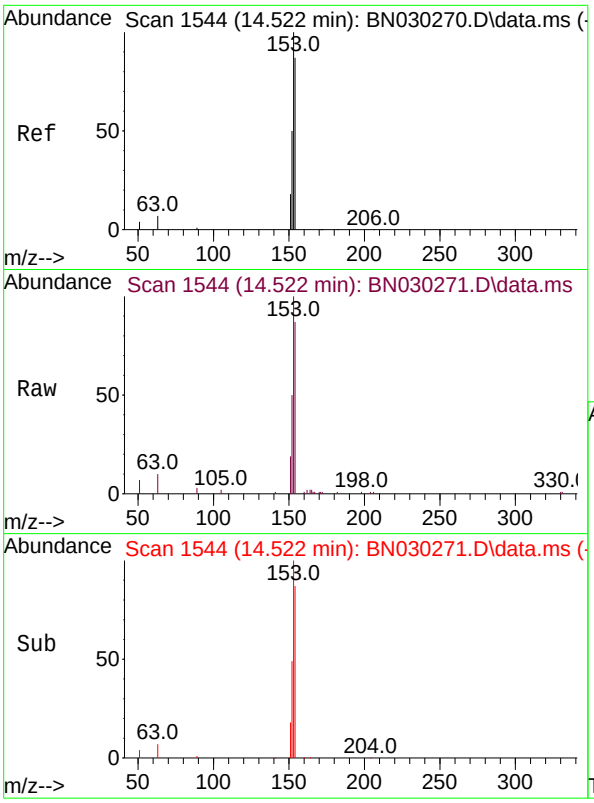


#16
Acenaphthylene
Concen: 0.760 ng
RT: 14.180 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:152 Resp: 6867

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.3	15.5



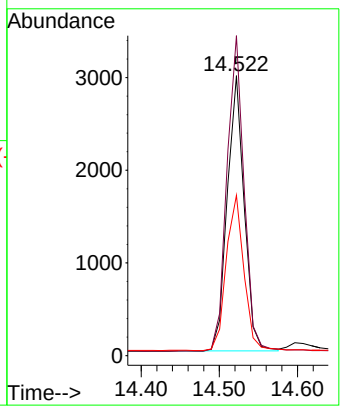


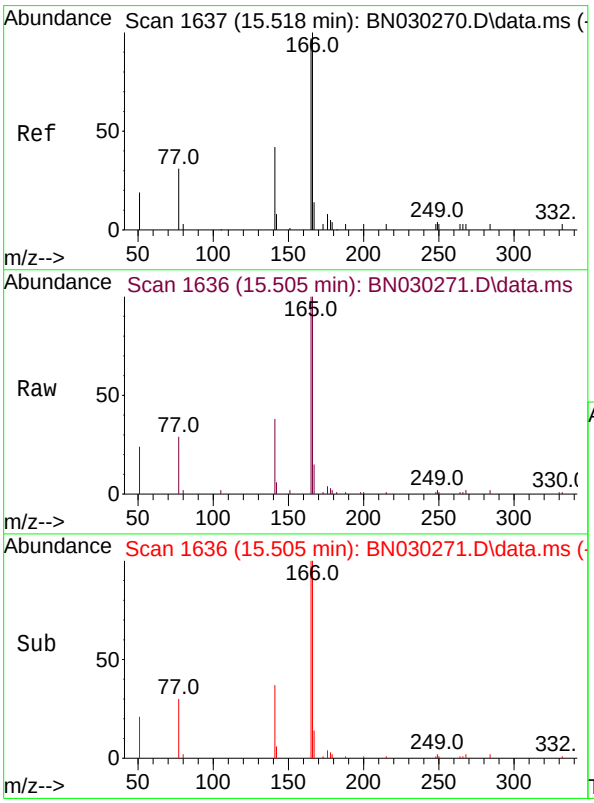
#17
Acenaphthene
Concen: 0.765 ng
RT: 14.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 4460

Ion	Ratio	Lower	Upper
154	100		
153	116.6	92.9	139.3
152	59.3	47.3	70.9

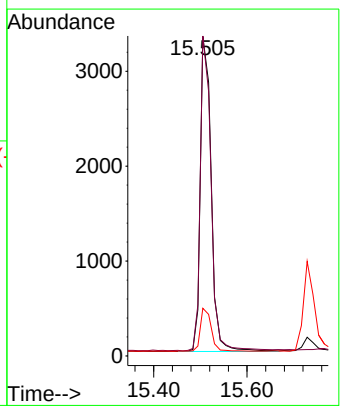


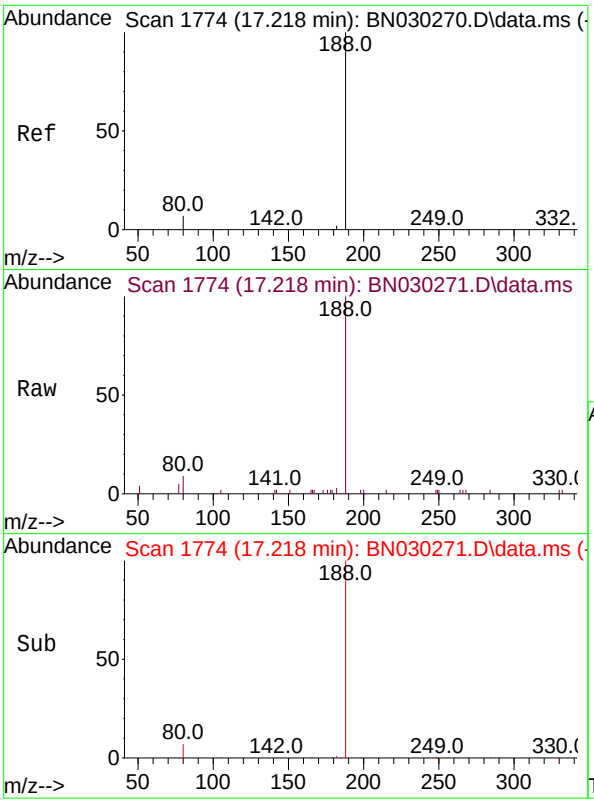


#18
Fluorene
Concen: 0.768 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:166 Resp: 5385

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.9	119.9
167	13.4	11.0	16.4



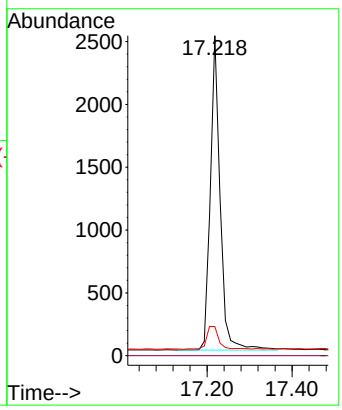


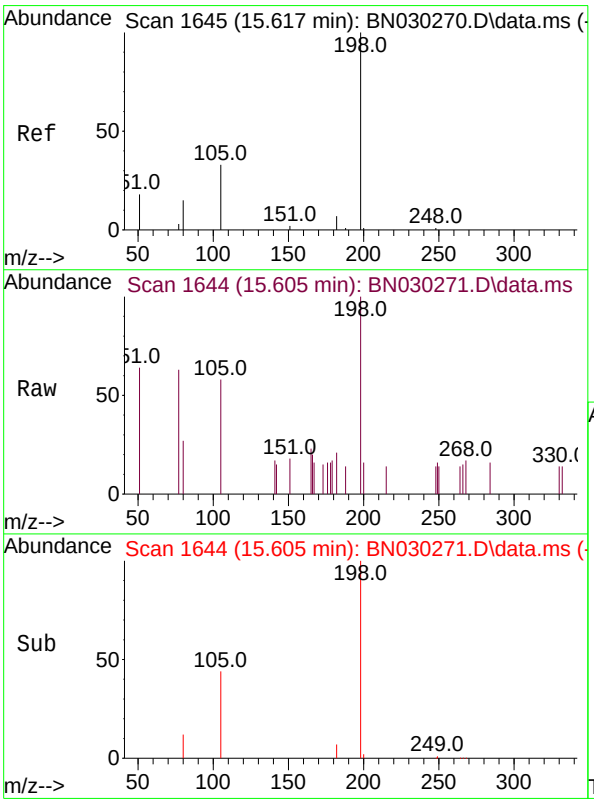
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 4004

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	7.8	11.6

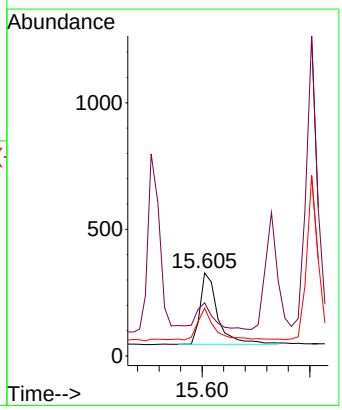


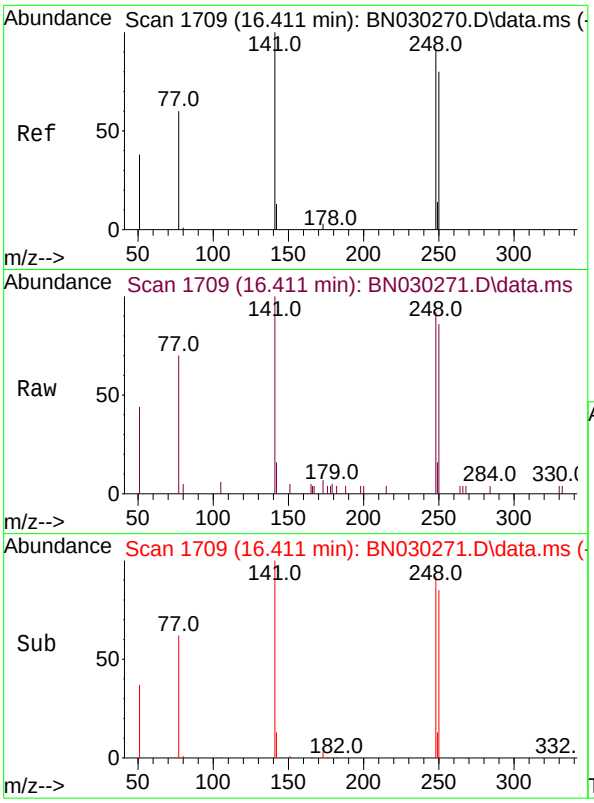


#20
4,6-Dinitro-2-methylphenol
Concen: 0.771 ng
RT: 15.605 min Scan# 1644
Delta R.T. -0.012 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:198 Resp: 641

Ion	Ratio	Lower	Upper
198	100		
51	64.0	67.4	101.2#
105	57.6	50.8	76.2



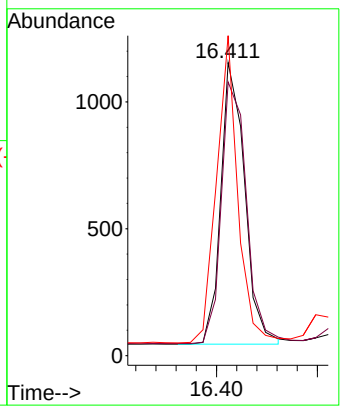


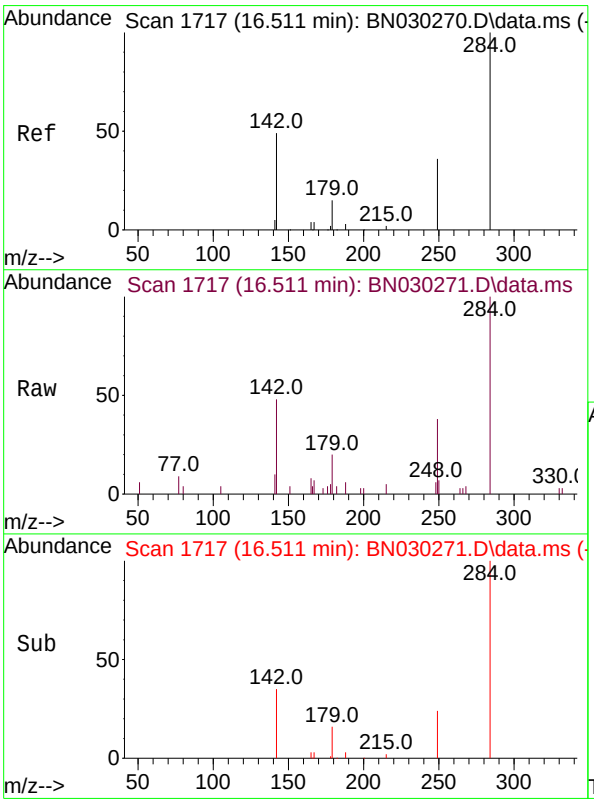
#21
4-Bromophenyl-phenylether
Concen: 0.745 ng
RT: 16.411 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 1822

Ion	Ratio	Lower	Upper
248	100		
250	93.4	71.3	106.9
141	109.2	88.0	132.0

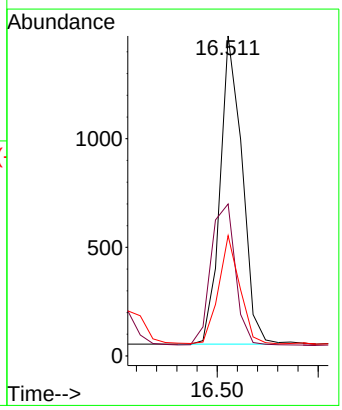


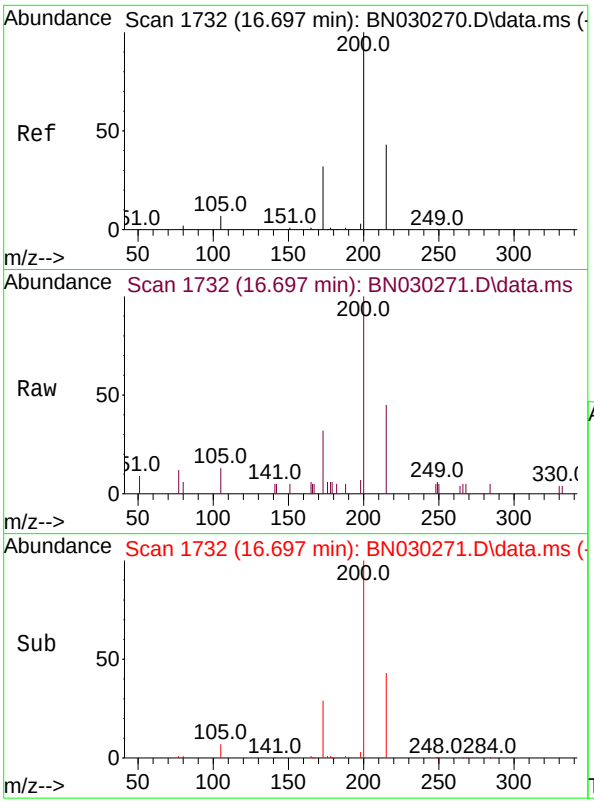


#22
Hexachlorobenzene
Concen: 0.760 ng
RT: 16.511 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:284 Resp: 2149

Ion	Ratio	Lower	Upper
284	100		
142	50.7	41.0	61.6
249	33.7	27.4	41.2



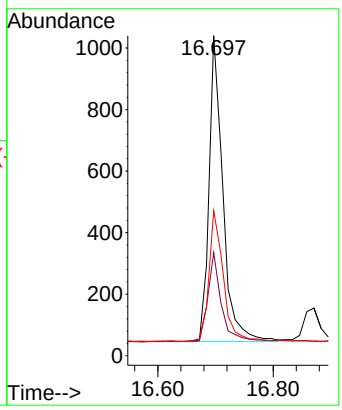


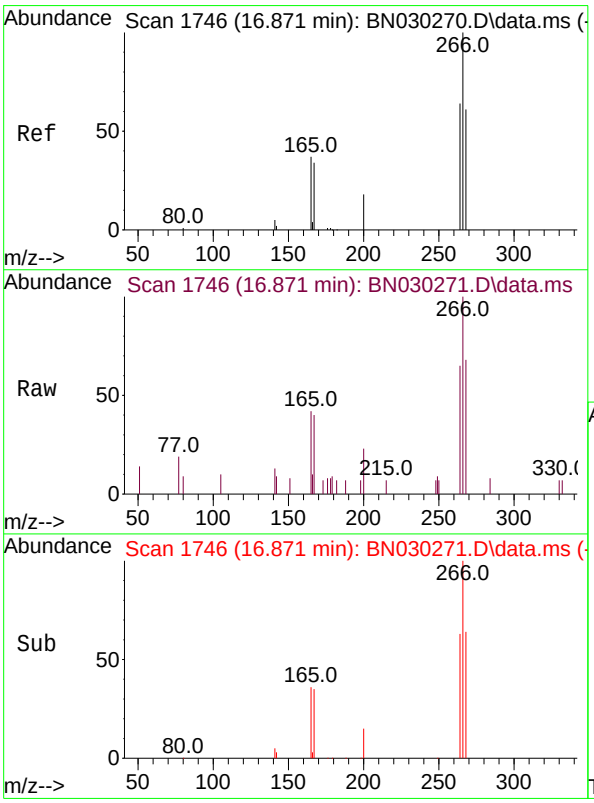
#23
Atrazine
Concen: 0.761 ng
RT: 16.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 1650

Ion	Ratio	Lower	Upper
200	100		
173	32.2	30.8	46.2
215	45.3	38.7	58.1

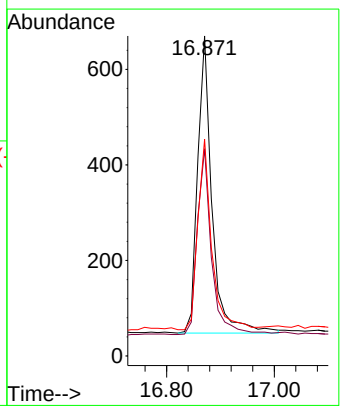


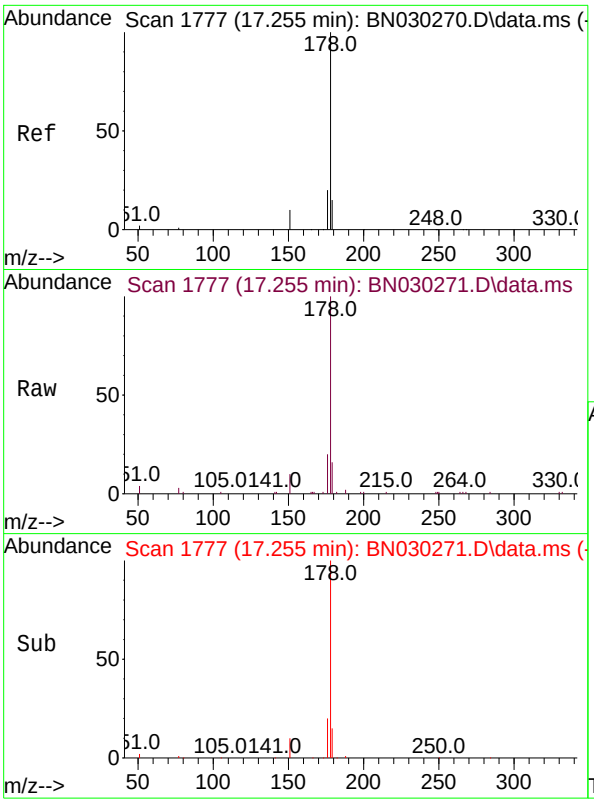


#24
Pentachlorophenol
Concen: 0.786 ng
RT: 16.871 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:266 Resp: 1159

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.1	73.7
268	62.4	49.2	73.8



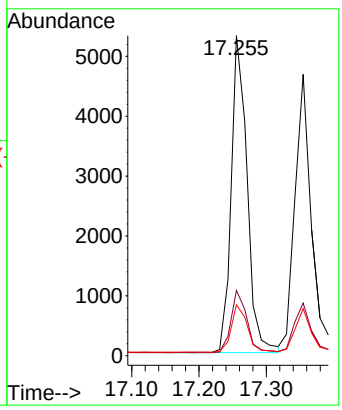


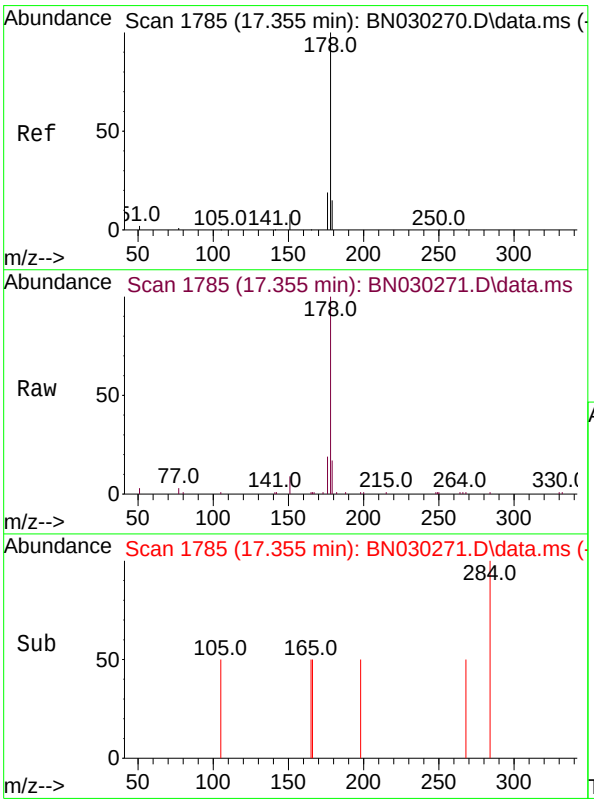
#25
Phenanthrene
Concen: 0.757 ng
RT: 17.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 8671

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	15.2	12.4	18.6

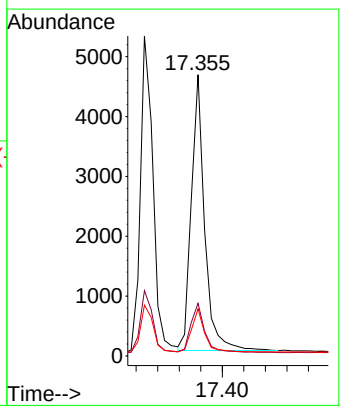


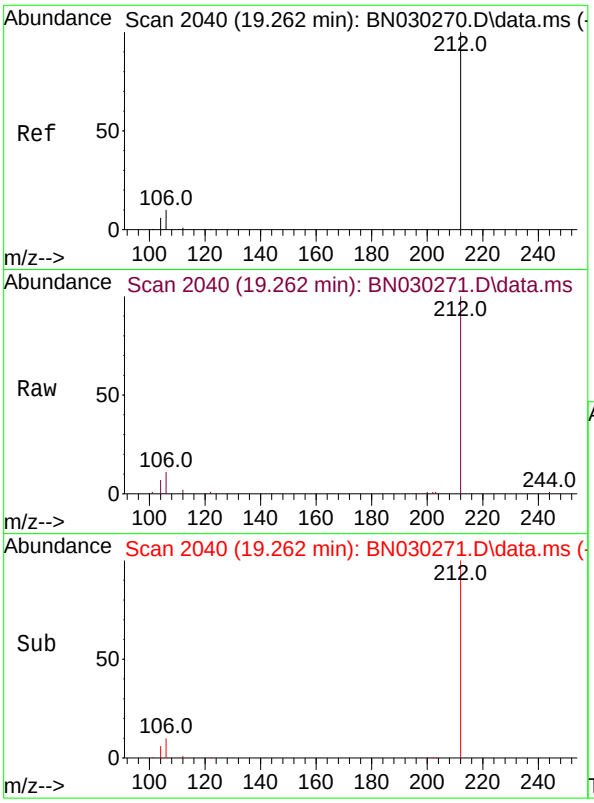


#26
Anthracene
Concen: 0.752 ng
RT: 17.355 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:178 Resp: 7916

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.3	12.5	18.7



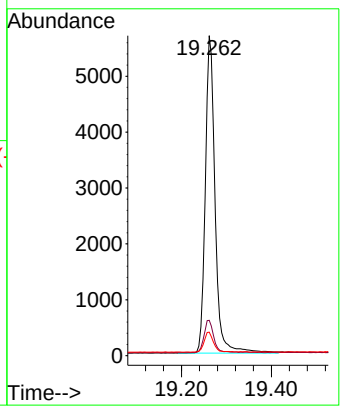


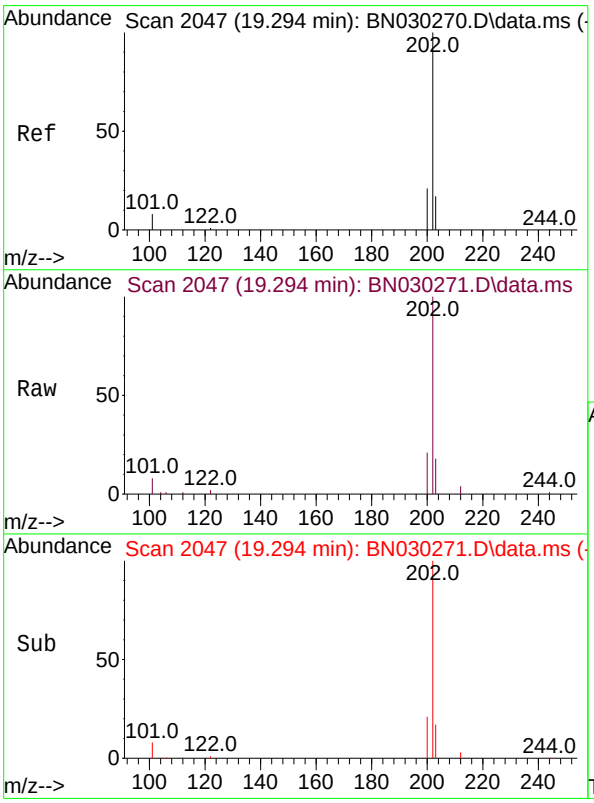
#27
Fluoranthene-d10
Concen: 0.779 ng
RT: 19.262 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 8564

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	6.0	4.7	7.1

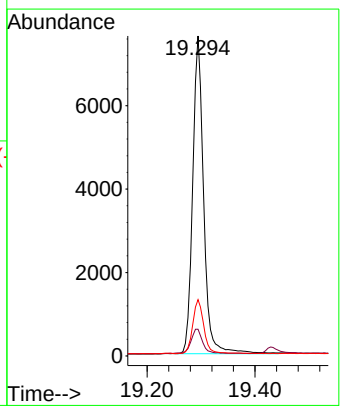


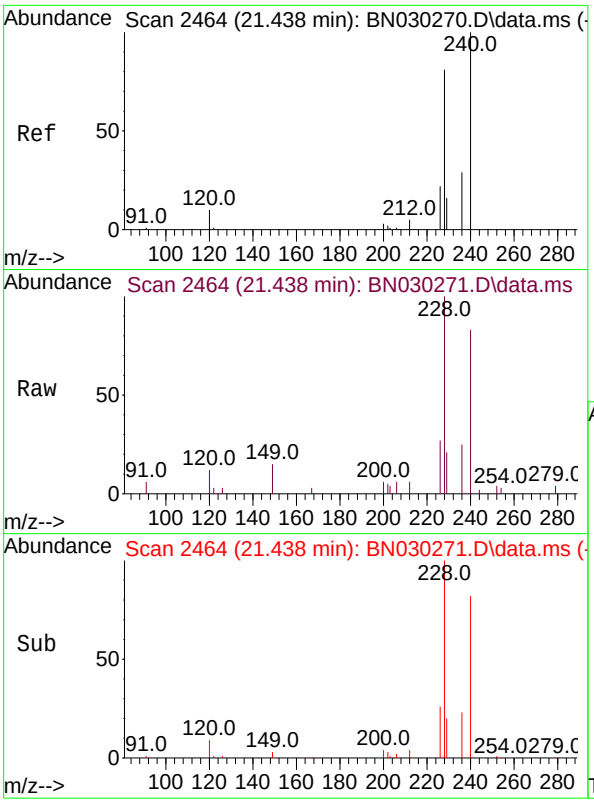


#28
Fluoranthene
Concen: 0.772 ng
RT: 19.294 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:202 Resp: 10762

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.3	9.5
203	16.8	13.4	20.0



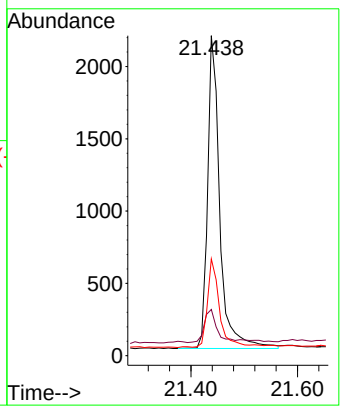


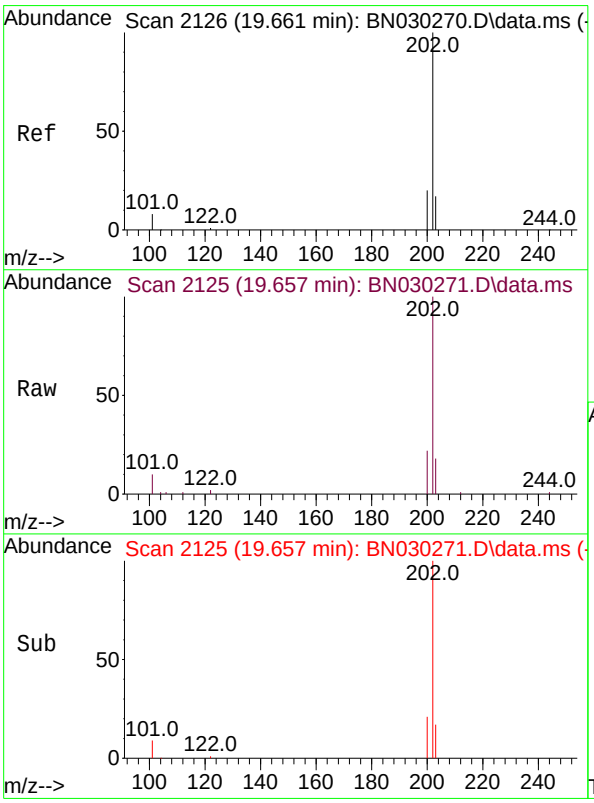
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 3417

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.2	18.2
236	30.3	25.2	37.8

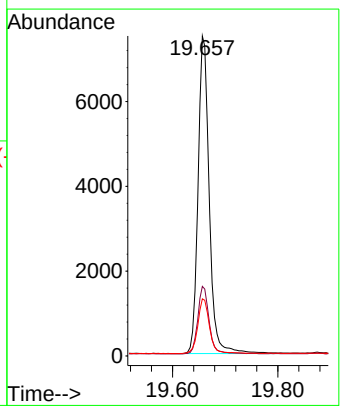


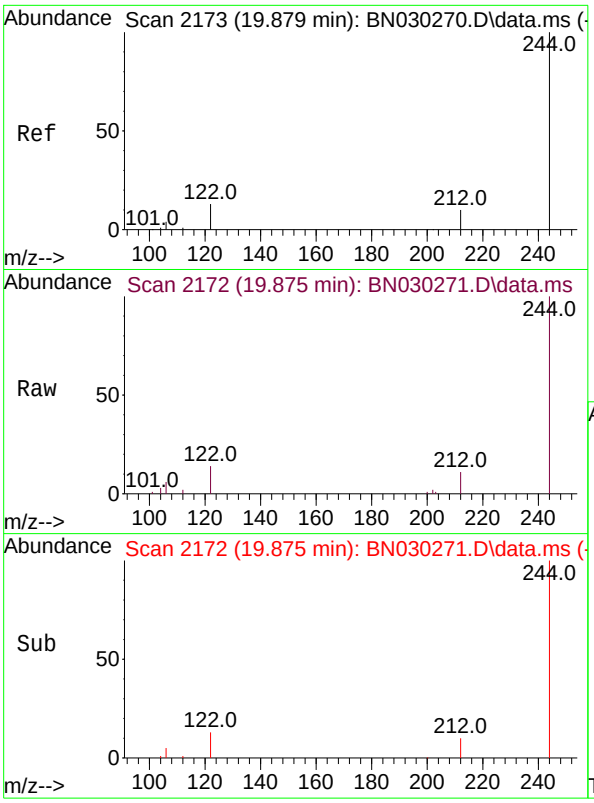


#30
Pyrene
Concen: 0.771 ng
RT: 19.657 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:202 Resp: 11061

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.0	14.1	21.1



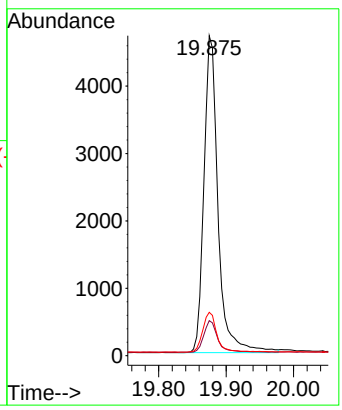


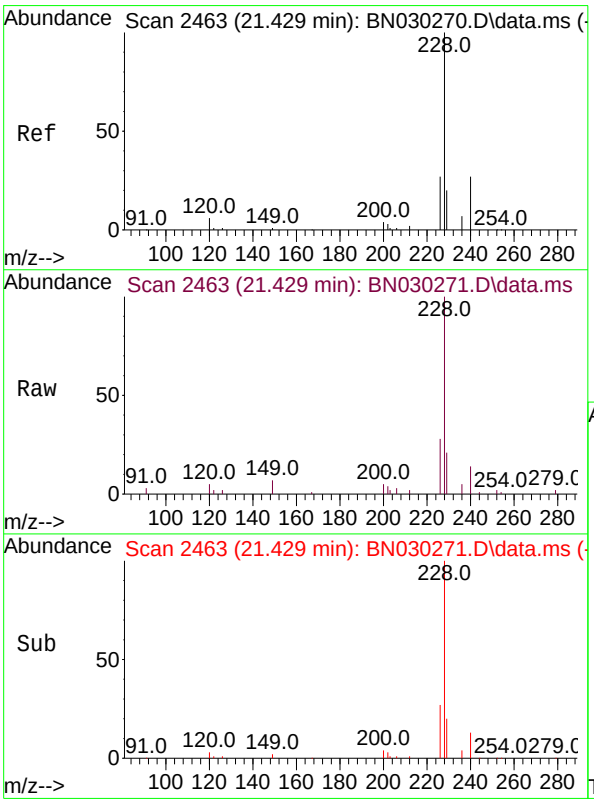
#31
Terphenyl-d14
Concen: 0.772 ng
RT: 19.875 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 6842

Ion	Ratio	Lower	Upper
244	100		
212	10.9	9.5	14.3
122	13.6	11.8	17.6

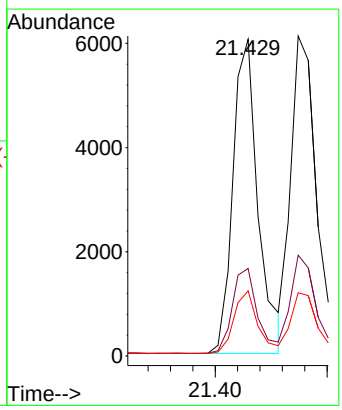


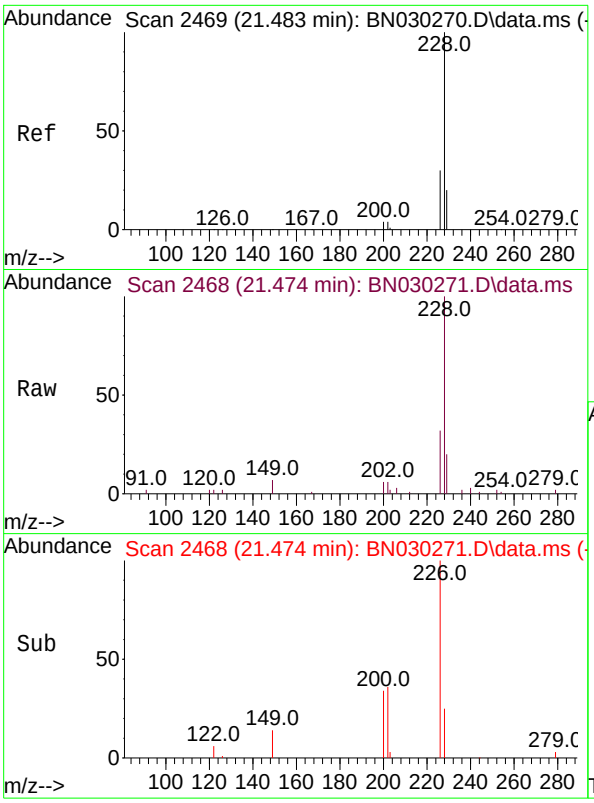


#32
Benzo(a)anthracene
Concen: 0.786 ng
RT: 21.429 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:228 Resp: 9415

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.1	34.7
229	20.6	17.0	25.4



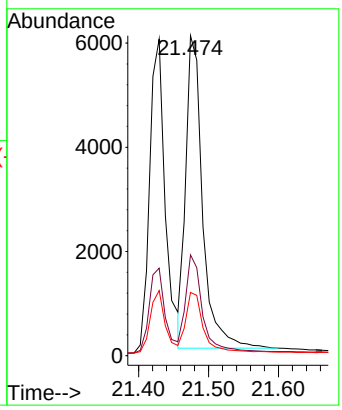


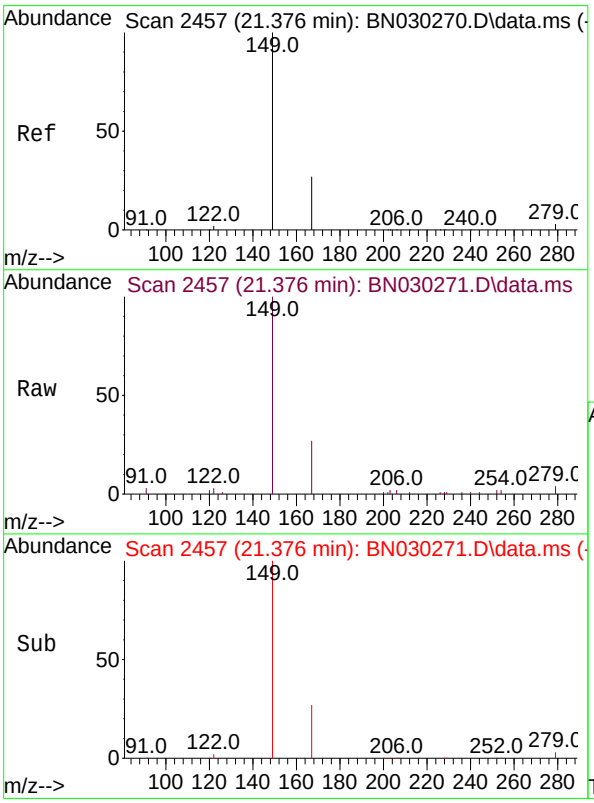
#33
Chrysene
Concen: 0.774 ng
RT: 21.474 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 10031

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	19.7	17.3	25.9

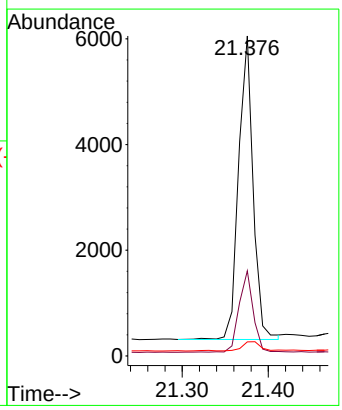


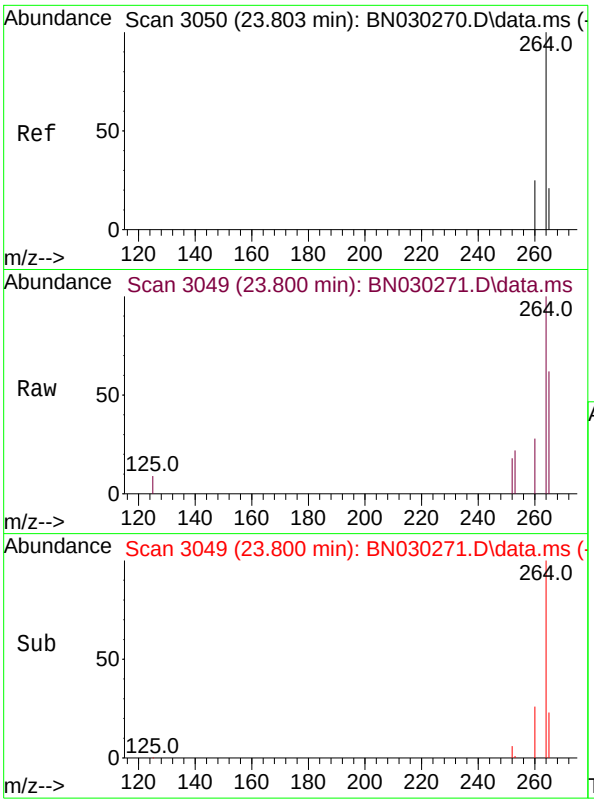


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.704 ng
RT: 21.376 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:149 Resp: 6719

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.6	30.8
279	3.9	4.0	6.0#



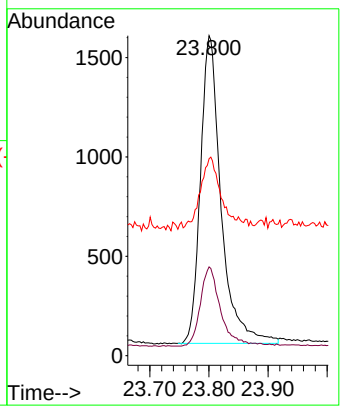


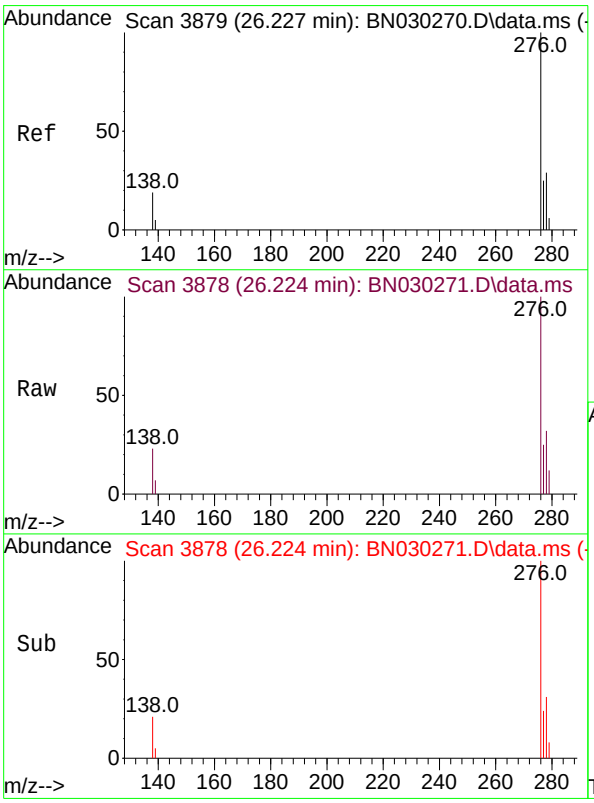
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.800 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 3742

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.7	32.5
265	61.6	50.8	76.2

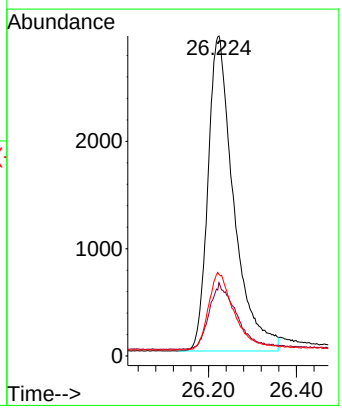


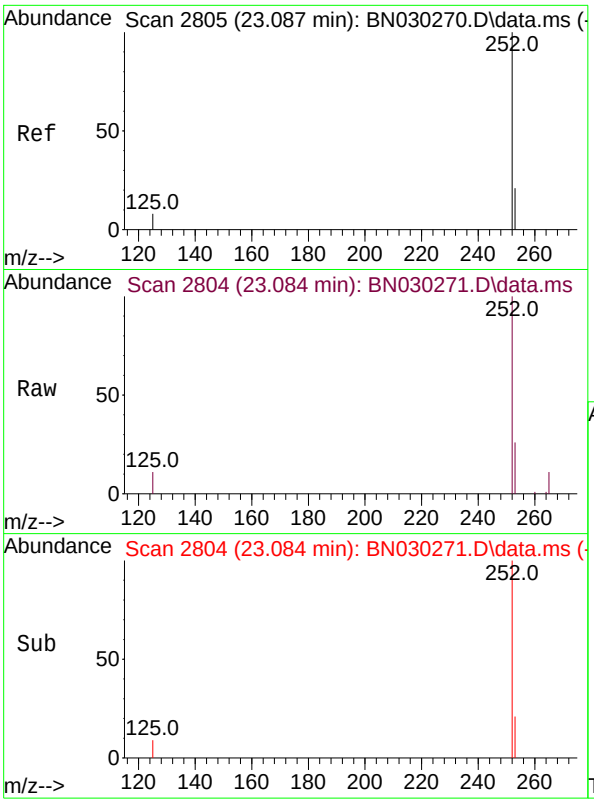


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.760 ng
RT: 26.224 min Scan# 3878
Delta R.T. -0.003 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:276 Resp: 11913

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.4	26.2
277	25.1	18.9	28.3



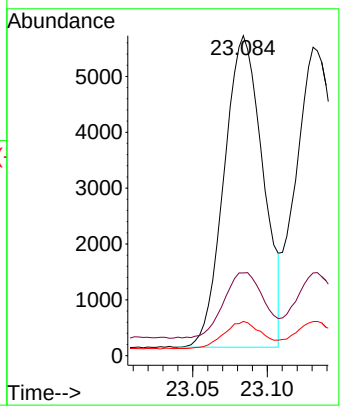


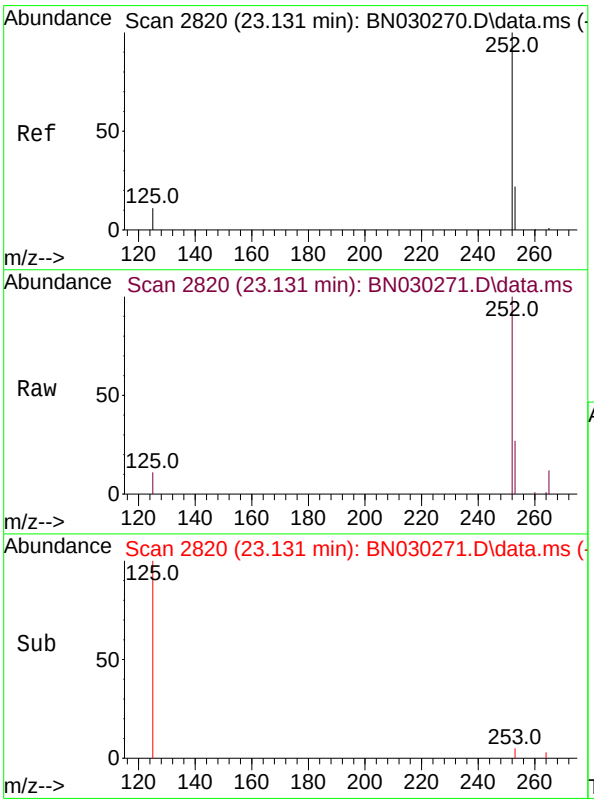
#37
Benzo(b)fluoranthene
Concen: 0.773 ng
RT: 23.084 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 10101

Ion	Ratio	Lower	Upper
252	100		
253	25.8	25.4	38.0
125	10.7	10.0	15.0

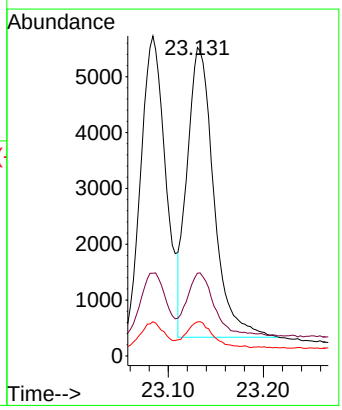


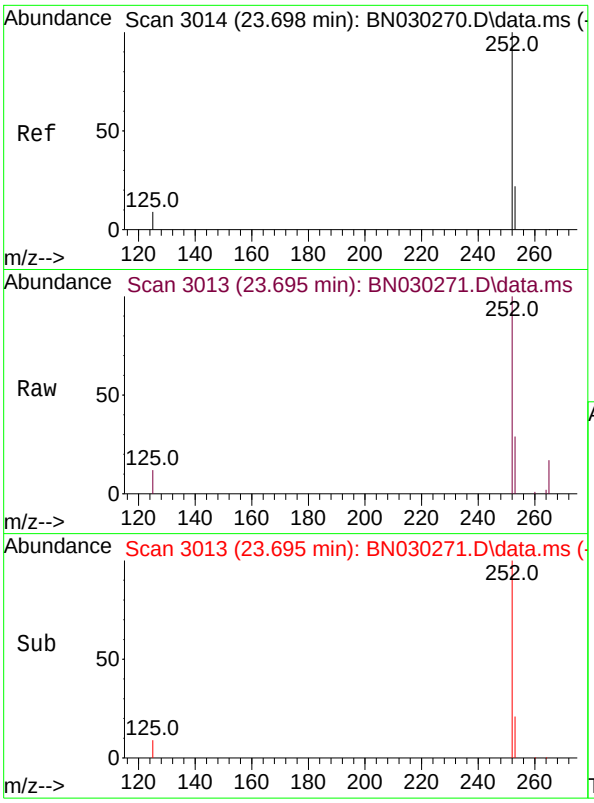


#38
Benzo(k)fluoranthene
Concen: 0.762 ng
RT: 23.131 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:252 Resp: 10124

Ion	Ratio	Lower	Upper
252	100		
253	26.8	25.7	38.5
125	11.1	11.5	17.3#



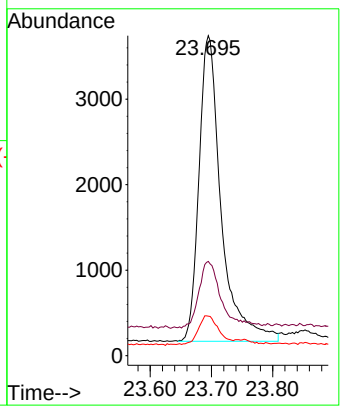


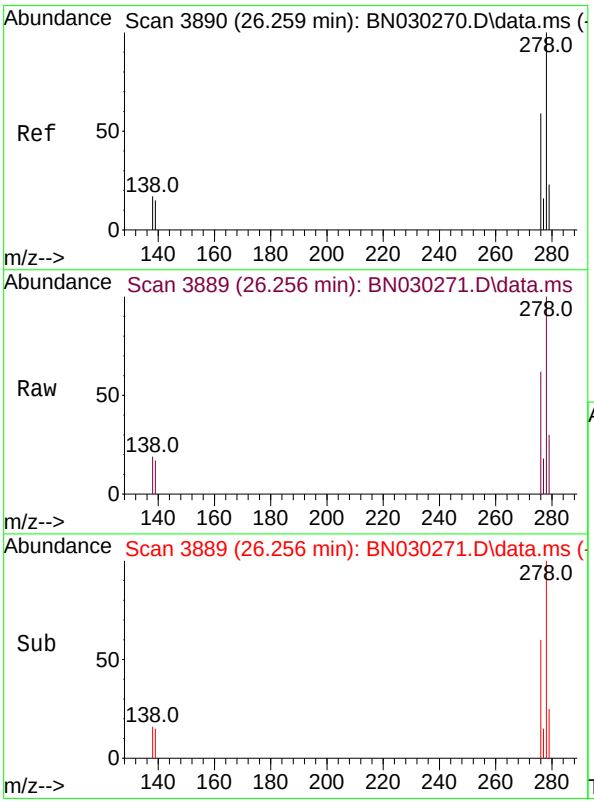
#39
Benzo(a)pyrene
Concen: 0.780 ng
RT: 23.695 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 9008

Ion	Ratio	Lower	Upper
252	100		
253	29.4	30.8	46.2#
125	12.4	12.5	18.7#

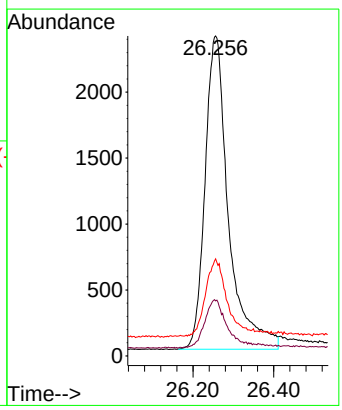


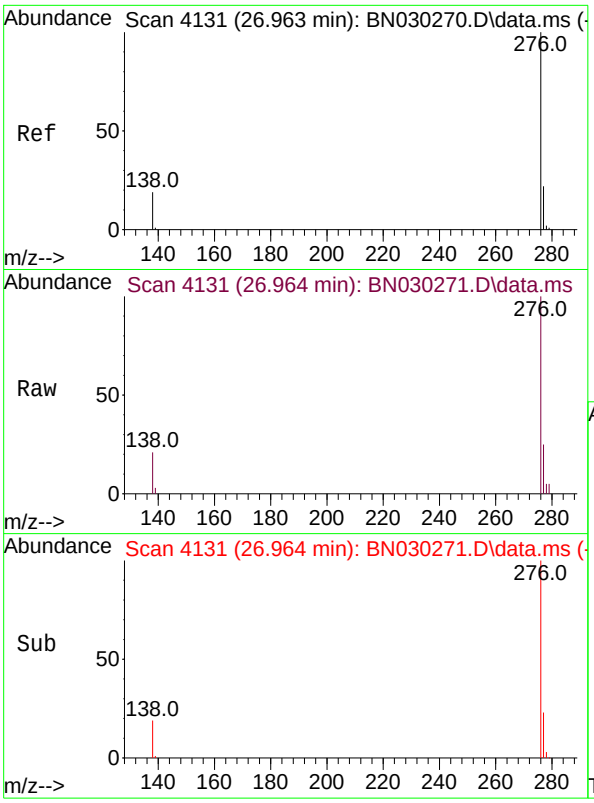


#40
Dibenzo(a,h)anthracene
Concen: 0.779 ng
RT: 26.256 min Scan# 3889
Delta R.T. -0.003 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Tgt Ion:278 Resp: 9603

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.5	23.3
279	30.3	27.3	40.9





#41
Benzo(g,h,i)perylene
Concen: 0.770 ng
RT: 26.964 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN030271.D
Acq: 05 Mar 2024 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 10939

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.6	30.8
138	21.1	18.2	27.4